

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080819\
 Data File : BF116066.D
 Acq On : 8 Aug 2019 13:56
 Operator : HP/JU
 Sample : PB121894BS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB121894BS

Manual Integrations
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Sohil
 8/13/2019 7:17:03 AM

Quant Time: Aug 09 09:27:26 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 07 11:13:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	142085	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	582070	20.00	ng	0.00
39) Acenaphthene-d10	9.87	164	308178	20.00	ng	-0.01
64) Phenanthrene-d10	11.36	188	532555	20.00	ng	-0.01
76) Chrysene-d12	14.00	240	378055	20.00	ng	0.00
87) Perylene-d12	15.46	264	303210	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	894669	105.41	ng	0.00
7) Phenol-d6	6.48	99	1138203	106.29	ng	0.00
23) Nitrobenzene-d5	7.40	82	735035	72.89	ng	-0.01
42) 2,4,6-Tribromophenol	10.67	330	322279	107.86	ng	0.00
45) 2-Fluorobiphenyl	9.19	172	1248116	75.86	ng	-0.01
79) Terphenyl-d14	12.94	244	1426514	79.51	ng	-0.01

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.70	88	164129	38.278	ng	99
3) Pyridine	3.45	79	352043	29.392	ng	98
4) n-Nitrosodimethylamine	3.39	42	162943	34.472	ng	98
6) Aniline	6.50	93	426673	27.822	ng	96
8) 2-Chlorophenol	6.63	128	368688	39.283	ng	95
9) Benzaldehyde	6.39	77	112916	15.282	ng	99
10) Phenol	6.49	94	467541	37.076	ng	87
11) bis(2-Chloroethyl)ether	6.57	93	353651	38.145	ng	97
12) 1,3-Dichlorobenzene	6.78	146	391294	36.075	ng	99
13) 1,4-Dichlorobenzene	6.86	146	401332	36.954	ng	98
14) 1,2-Dichlorobenzene	7.01	146	374019	37.401	ng	99
15) Benzyl Alcohol	6.99	79	305433	37.585	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.11	45	468400	37.040	ng	93
17) 2-Methylphenol	7.10	107	316342	39.806	ng	98
18) Hexachloroethane	7.35	117	146593	36.662	ng	98
19) n-Nitroso-di-n-propylamine	7.25	70	252144	37.998	ng	97
20) 3+4-Methylphenols	7.25	107	375758	39.956	ng	97
22) Acetophenone	7.25	105	505364	39.588	ng	99
24) Nitrobenzene	7.42	77	409681	37.626	ng	100
25) Isophorone	7.66	82	746518	38.716	ng	100
26) 2-Nitrophenol	7.74	139	202415	39.438	ng	96
27) 2,4-Dimethylphenol	7.77	122	333359	43.171	ng	99
28) bis(2-Chloroethoxy)methane	7.86	93	455106	38.080	ng	99
29) 2,4-Dichlorophenol	7.98	162	322590	39.566	ng	98
30) 1,2,4-Trichlorobenzene	8.06	180	349572	37.613	ng	100
31) Naphthalene	8.14	128	1063937	38.843	ng	99
32) Benzoic acid	7.93	122	188933	34.704	ng	99
33) 4-Chloroaniline	8.19	127	291113	23.787	ng	98
34) Hexachlorobutadiene	8.26	225	192820	36.020	ng	98
35) Caprolactam	8.56	113	98964m	37.530	ng	
36) 4-Chloro-3-methylphenol	8.68	107	339563	40.034	ng	99
37) 2-Methylnaphthalene	8.83	142	713387	39.546	ng	99
38) 1-Methylnaphthalene	8.93	142	668666	39.181	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.00	216	326393	39.616	ng	100

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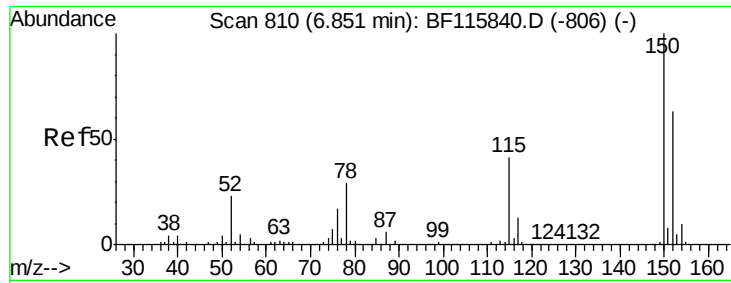
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.99	237	139801	40.922	ng	99
43) 2,4,6-Trichlorophenol	9.12	196	209226	36.895	ng	99
44) 2,4,5-Trichlorophenol	9.16	196	227830	38.865	ng	99
46) 1,1'-Biphenyl	9.30	154	865017	39.758	ng	97
47) 2-Chloronaphthalene	9.32	162	675796	37.319	ng	99
48) 2-Nitroaniline	9.42	65	211408	35.320	ng	99
49) Acenaphthylene	9.73	152	1030816	39.019	ng	98
50) Dimethylphthalate	9.60	163	809755	38.590	ng	99
51) 2,6-Dinitrotoluene	9.66	165	177144	38.847	ng	99
52) Acenaphthene	9.91	154	617894	38.124	ng	100
53) 3-Nitroaniline	9.83	138	144787	25.696	ng	98
54) 2,4-Dinitrophenol	9.95	184	146046	64.632	ng	93
55) Dibenzofuran	10.08	168	904643	38.382	ng	100
56) 4-Nitrophenol	10.01	139	234195	64.883	ng	88
57) 2,4-Dinitrotoluene	10.07	165	229441	37.791	ng	98
58) Fluorene	10.42	166	711076	39.212	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.20	232	197282	40.002	ng	99
60) Diethylphthalate	10.29	149	766420	39.122	ng	98
61) 4-Chlorophenyl-phenylether	10.41	204	361409	39.352	ng	98
62) 4-Nitroaniline	10.45	138	189488	32.541	ng	99
63) Azobenzene	10.57	77	784030	38.909	ng	96
65) 4,6-Dinitro-2-methylphenol	10.49	198	113693	40.285	ng	99
66) n-Nitrosodiphenylamine	10.53	169	644896	40.232	ng	98
67) 4-Bromophenyl-phenylether	10.90	248	224066	39.303	ng	97
68) Hexachlorobenzene	10.97	284	248969	37.767	ng	98
69) Atrazine	11.06	200	196694	37.300	ng	98
70) Pentachlorophenol	11.17	266	224033	69.999	ng	99
71) Phenanthrene	11.39	178	1055646	38.774	ng	99
72) Anthracene	11.44	178	1093377	39.682	ng	99
73) Carbazole	11.59	167	987452	39.502	ng	99
74) Di-n-butylphthalate	11.92	149	1193036	40.912	ng	99
75) Fluoranthene	12.57	202	1106691	38.828	ng	98
77) Benzidine	12.69	184	307640	24.087	ng	98
78) Pyrene	12.80	202	1133424	39.772	ng	100
80) Butylbenzylphthalate	13.41	149	505434	41.928	ng	96
81) Benzo(a)anthracene	13.99	228	925061	38.283	ng	99
82) 3,3'-Dichlorobenzidine	13.94	252	294222	35.047	ng	96
83) Chrysene	14.03	228	914743	38.993	ng	99
84) Bis(2-ethylhexyl)phthalate	13.97	149	701145	44.758	ng	99
85) Di-n-octyl phthalate	14.58	149	1083694	43.553	ng	99
86) Indeno(1,2,3-cd)pyrene	16.94	276	775379	39.352	ng	99
88) Benzo(b)fluoranthene	15.04	252	876278	49.982	ng	98
89) Benzo(k)fluoranthene	15.07	252	728919	42.686	ng	98
90) Benzo(a)pyrene	15.40	252	746270	47.617	ng	99
91) Dibenzo(a,h)anthracene	16.94	278	658396	48.533	ng	99
92) Benzo(g,h,i)perylene	17.37	276	650100	48.795	ng	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

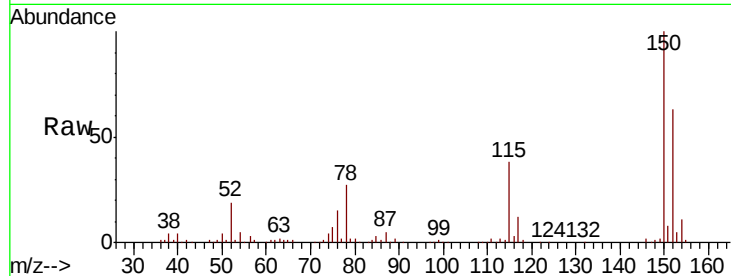
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.84 min Scan# 808
 Delta R.T. -0.01 min
 Lab File: BF116066.D
 Acq: 8 Aug 2019 13:56

Instrument :
 BNA_F
 ClientSampleId :
 PB121894BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.4	126.2	189.2
115	60.4	49.9	74.9

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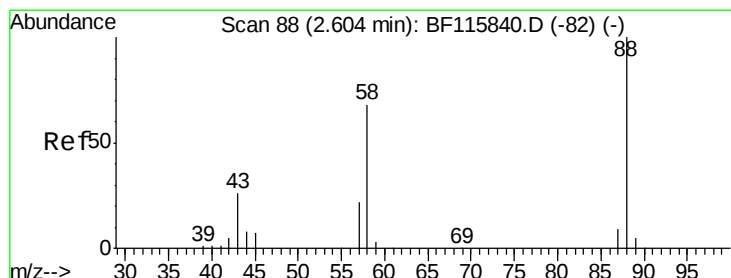
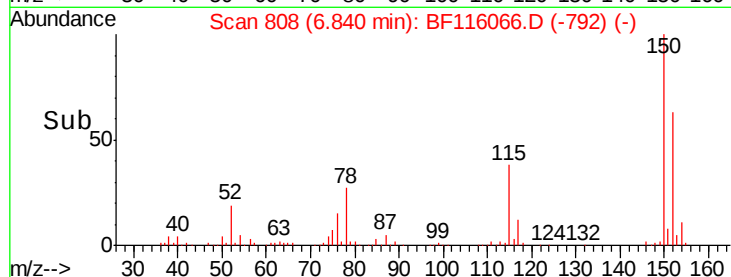
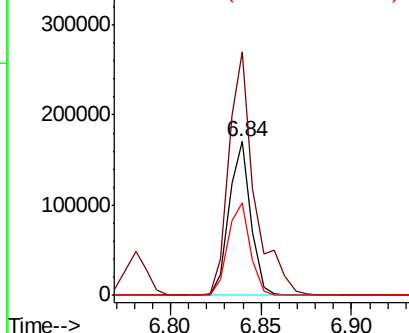


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
 Concen: 38.278 ng
 RT: 2.70 min Scan# 104
 Delta R.T. 0.09 min
 Lab File: BF116066.D
 Acq: 8 Aug 2019 13:56

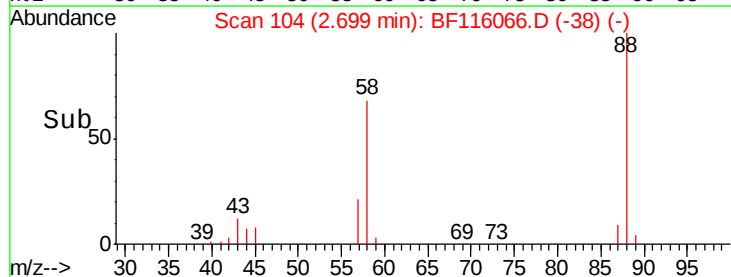
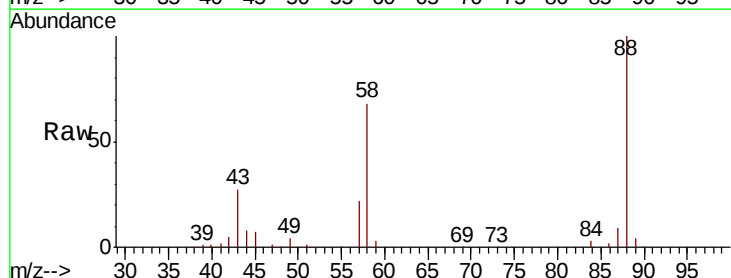
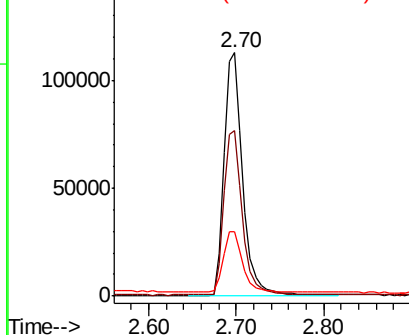
Tgt Ion	Ratio	Lower	Upper
88	100		
58	67.7	53.7	80.5
43	25.9	21.0	31.4

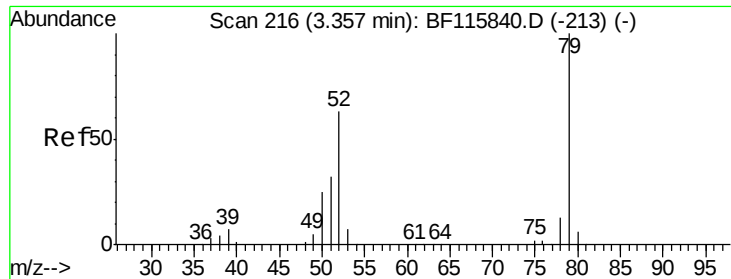
Abundance

Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





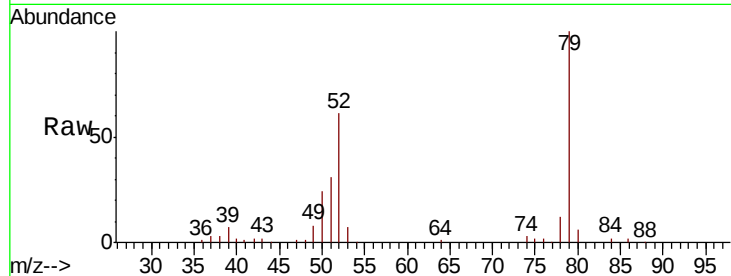
#3
 Pvridine
 Concen: 29.392 ng
 RT: 3.45 min Scan# 231
 Delta R.T. 0.08 min
 Lab File: BF116066.D
 Acq: 8 Aug 2019 13:56

Instrument :
 BNA_F
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 PB121894BS

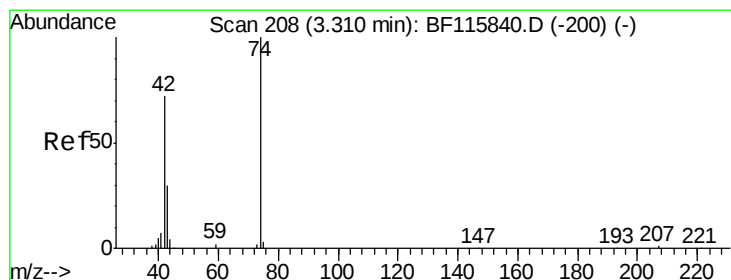
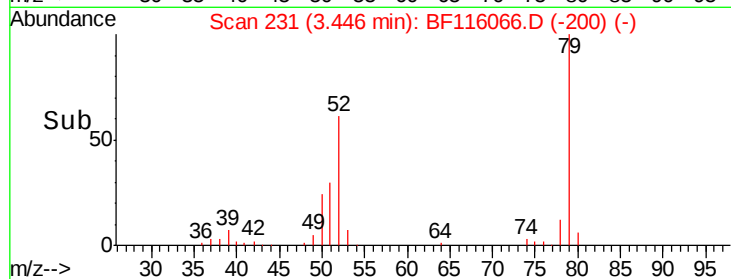
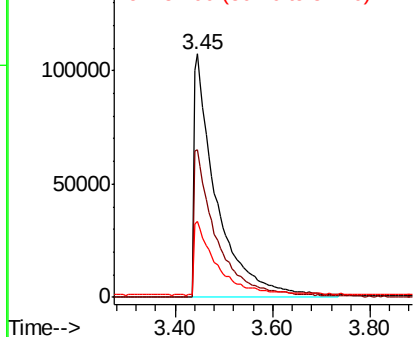
Tot Ion	Ratio	Lower	Upper
79	100		
52	60.6	49.8	74.8
51	31.4	25.2	37.8

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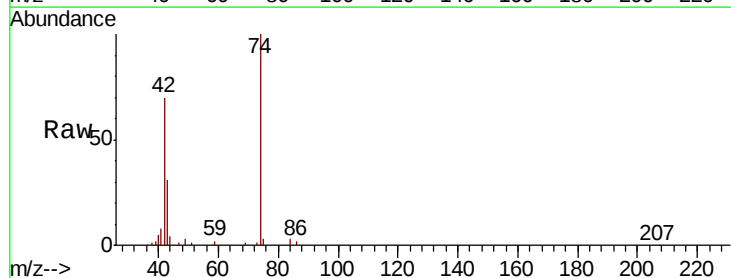


Abundance Ion 79.00 (78.70 to 79.70): BF1
 Ion 52.00 (51.70 to 52.70): BF1
 Ion 51.00 (50.70 to 51.70): BF1

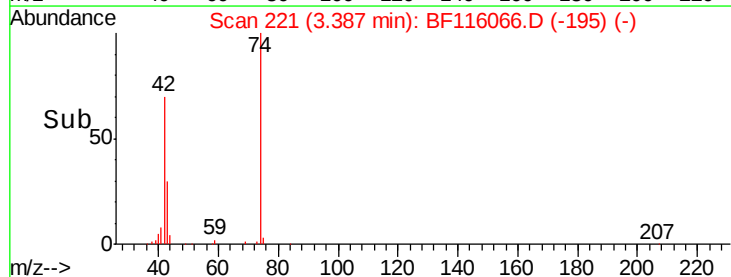
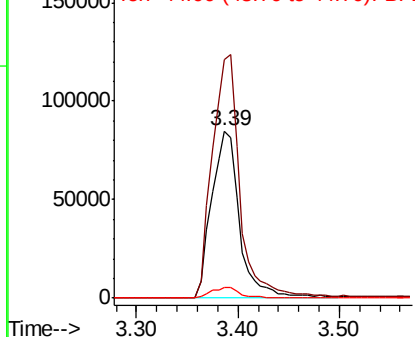


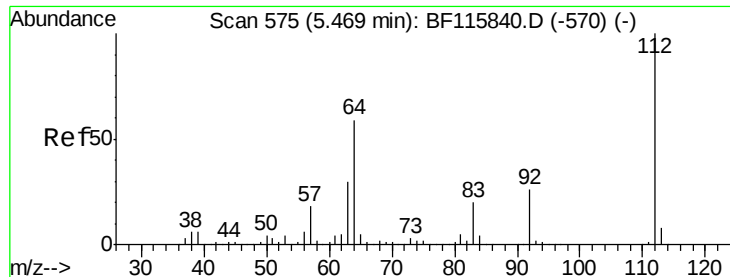
#4
 n-Nitrosodimethylamine
 Concen: 34.472 ng
 RT: 3.39 min Scan# 221
 Delta R.T. 0.05 min
 Lab File: BF116066.D
 Acq: 8 Aug 2019 13:56

Tgt Ion	Ratio	Lower	Upper
42	100		
74	142.5	116.0	174.0
44	6.3	4.6	7.0



Abundance Ion 42.00 (41.70 to 42.70): BF1
 Ion 74.00 (73.70 to 74.70): BF1
 Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 105.411 ng

RT: 5.47 min Scan# 576

Delta R.T. 0.01 min

Lab File: BF116066.D

Acq: 8 Aug 2019 13:56

Instrument :

BNA_F

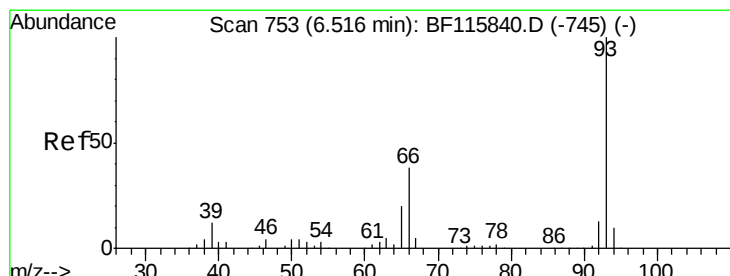
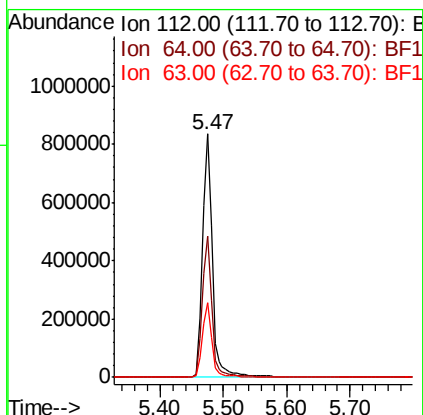
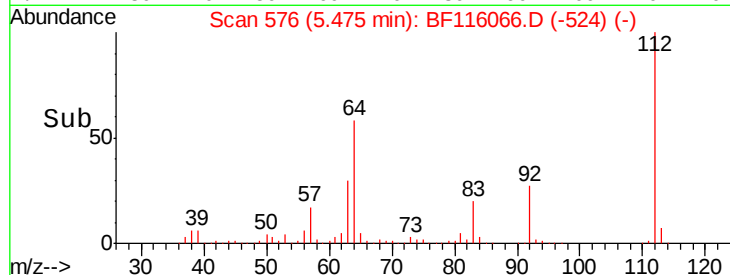
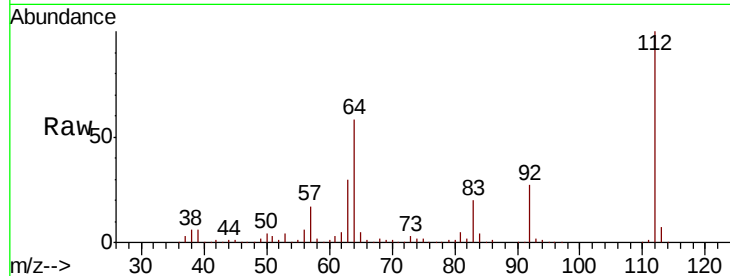
ClientSampleId :

PB121894BS

Tot Ion:	112	Resp:	894669
Ion Ratio	Lower	Upper	
112	100		
64	58.0	45.4	68.2
63	30.4	23.7	35.5

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#6

Aniline

Concen: 27.822 ng

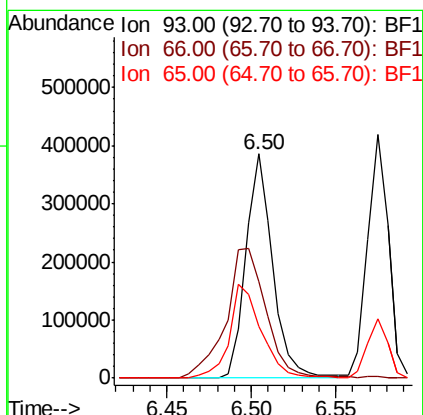
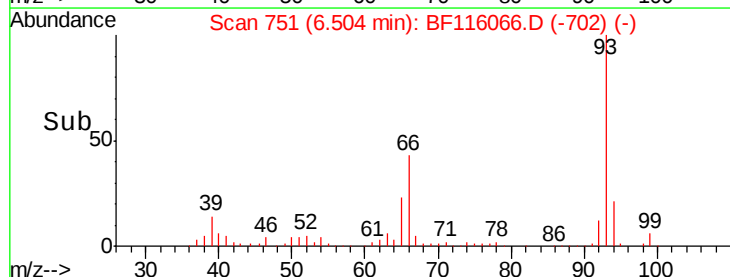
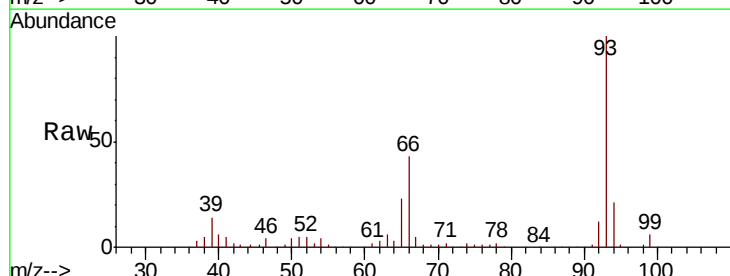
RT: 6.50 min Scan# 751

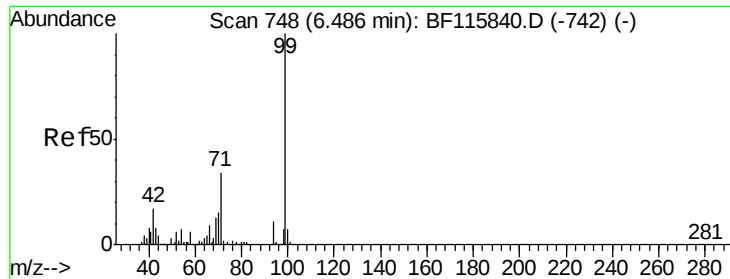
Delta R.T. -0.01 min

Lab File: BF116066.D

Acq: 8 Aug 2019 13:56

Tgt Ion:	93	Resp:	426673
Ion Ratio	Lower	Upper	
93	100		
66	43.2	32.2	48.4
65	23.3	17.0	25.6





#7

Phenol-d6

Concen: 106.291 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF116066.D

Acq: 8 Aug 2019 13:56

Instrument :

BNA_F

ClientSampleId :

PB121894BS

Tot Ion: 99 Resp: 1138203

Ion Ratio Lower Upper

99 100

42 17.2 13.8 20.8

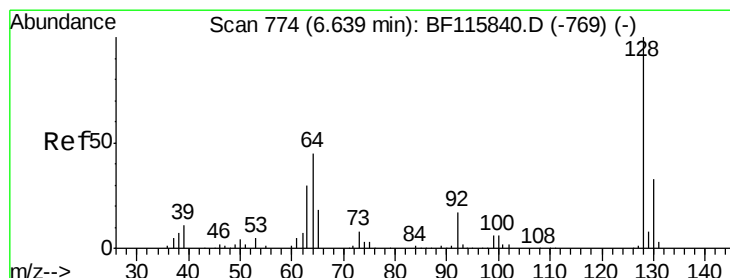
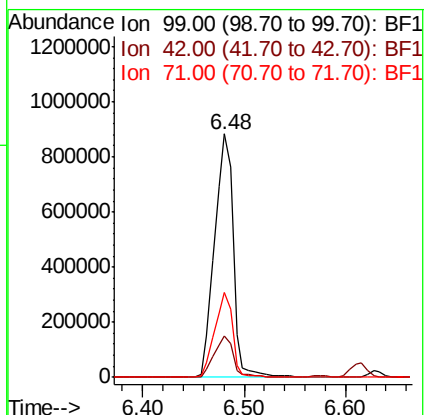
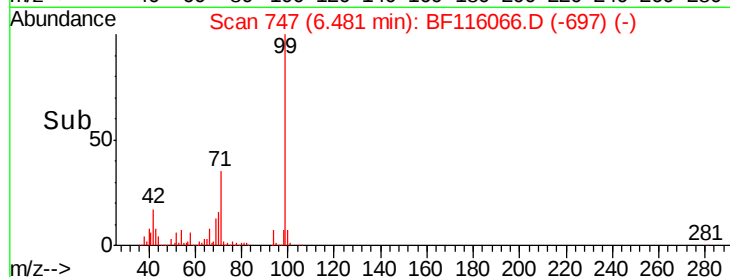
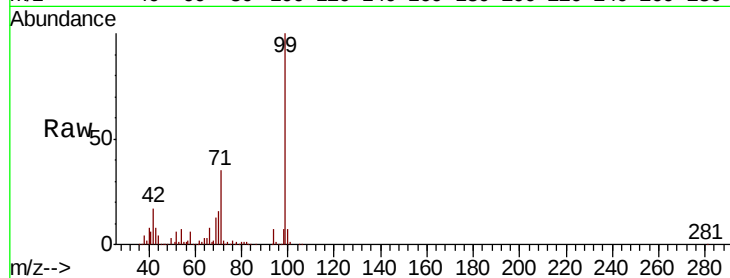
71 34.8 27.3 40.9

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#8

2-Chlorophenol

Concen: 39.283 ng

RT: 6.63 min Scan# 772

Delta R.T. -0.01 min

Lab File: BF116066.D

Acq: 8 Aug 2019 13:56

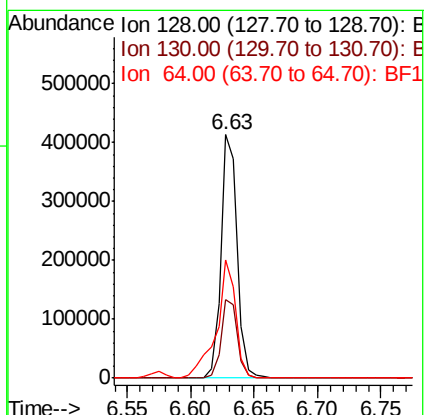
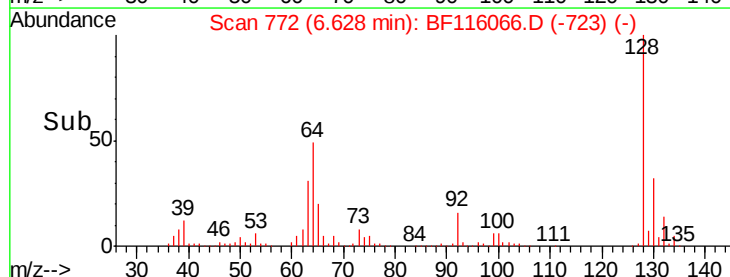
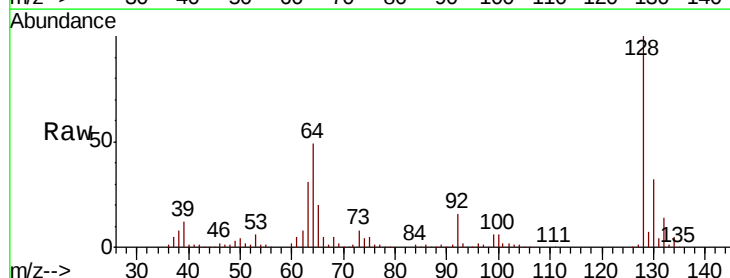
Tgt Ion: 128 Resp: 368688

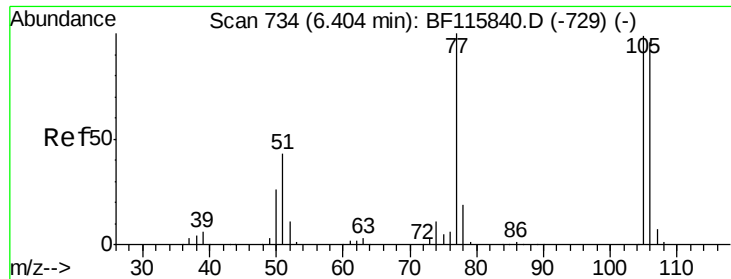
Ion Ratio Lower Upper

128 100

130 32.1 12.9 52.9

64 48.8 24.3 64.3





#9

Benzaldehyde

Concen: 15.282 ng

RT: 6.39 min Scan# 732

Delta R.T. -0.01 min

Lab File: BF116066.D

Acq: 8 Aug 2019 13:56

Instrument :

BNA_F

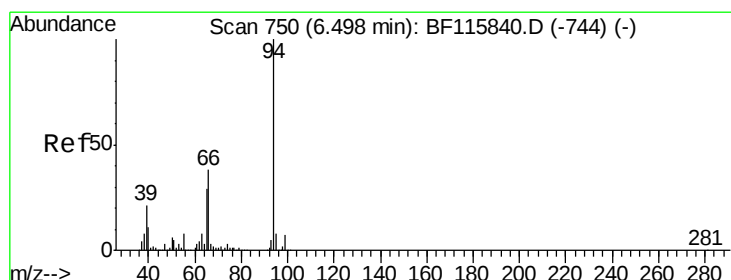
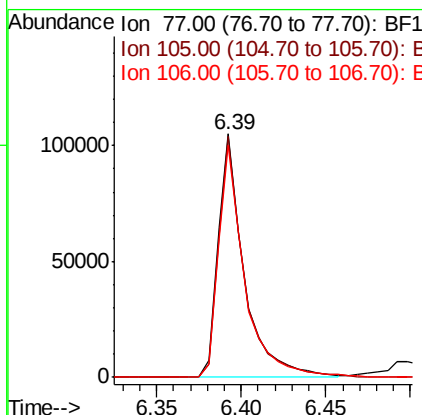
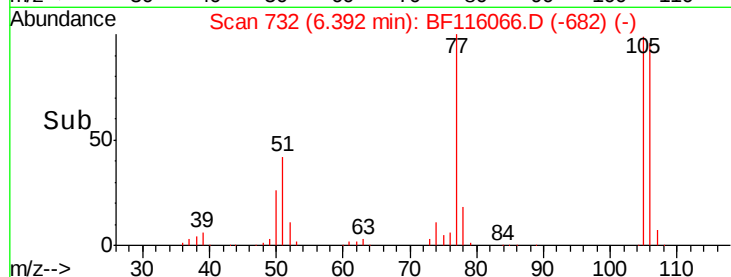
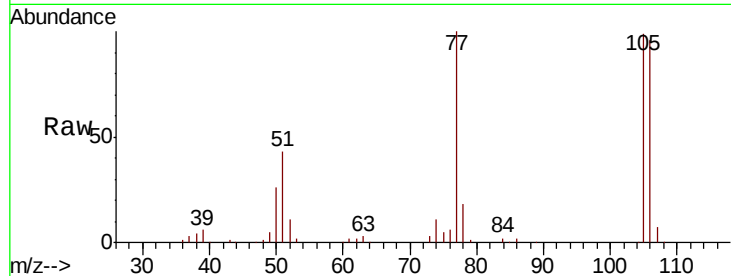
ClientSampled :

PB121894BS

Tot Ion:	77	Resp:	112916
Ion Ratio	Lower	Upper	
77	100		
105	99.1	79.2	119.2
106	95.6	74.3	114.3

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#10

Phenol

Concen: 37.076 ng

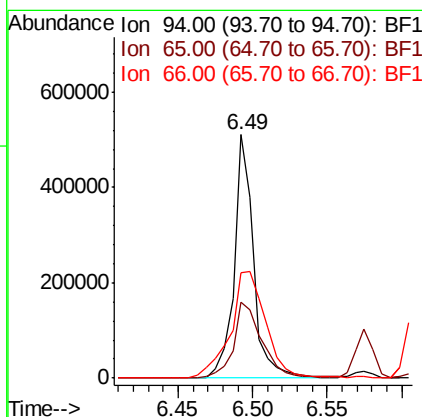
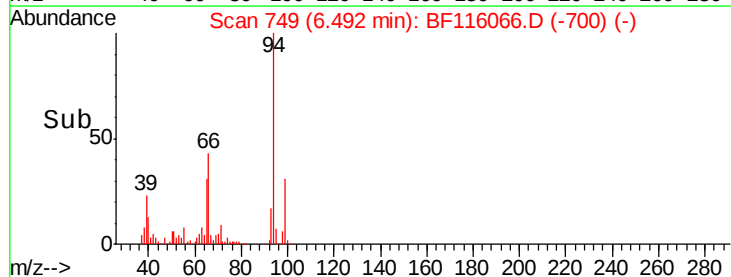
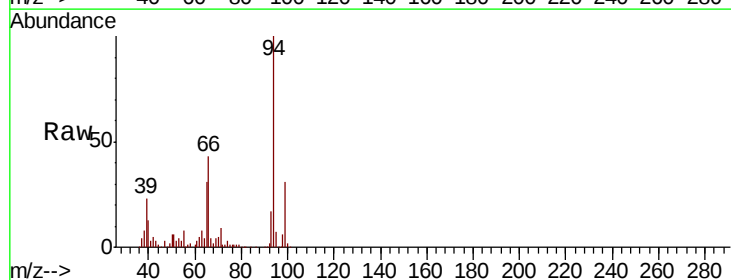
RT: 6.49 min Scan# 749

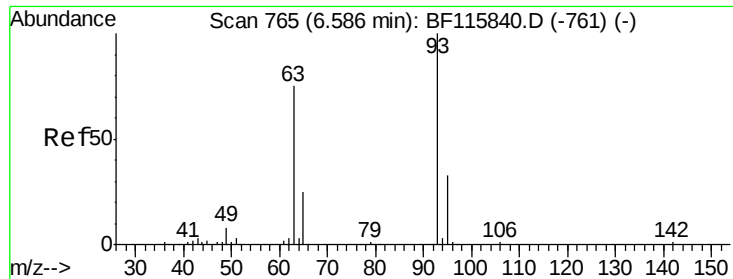
Delta R.T. -0.01 min

Lab File: BF116066.D

Acq: 8 Aug 2019 13:56

Tgt Ion:	94	Resp:	467541
Ion Ratio	Lower	Upper	
94	100		
65	31.4	16.8	56.8
66	43.2	34.2	74.2





#11

bis(2-Chloroethyl)ether

Concen: 38.145 ng

RT: 6.57 min Scan# 763

Delta R.T. -0.01 min

Lab File: BF116066.D

Acq: 8 Aug 2019 13:56

Instrument :

BNA_F

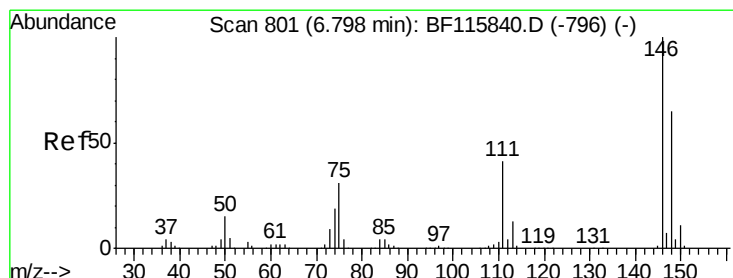
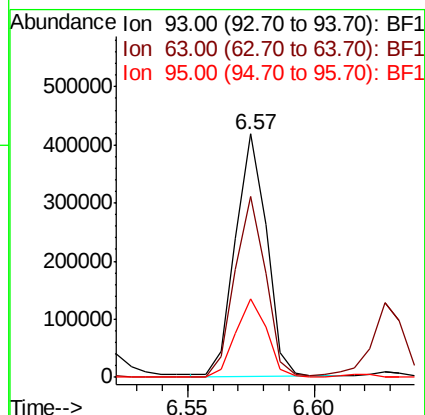
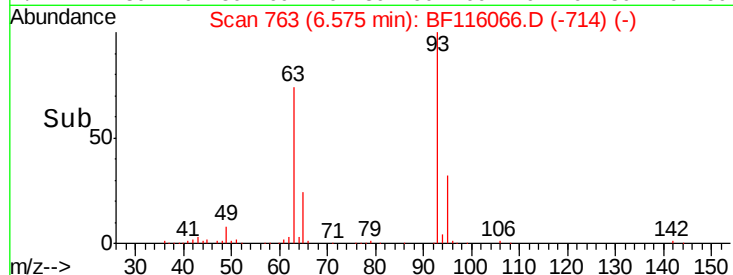
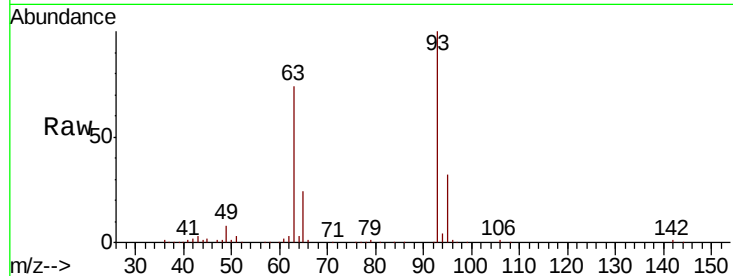
ClientSampled :

PB121894BS

Tot Ion:	93	Resp:	353651
Ion Ratio	Lower	Upper	
93	100		
63	74.3	51.9	91.9
95	32.0	13.0	53.0

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#12

1,3-Dichlorobenzene

Concen: 36.075 ng

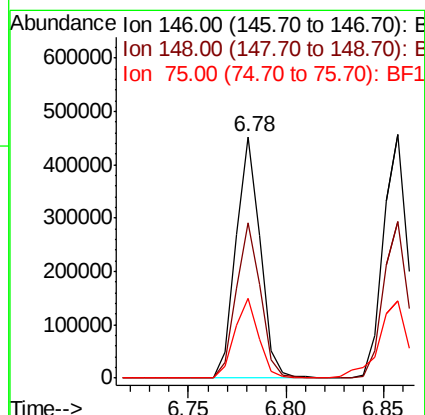
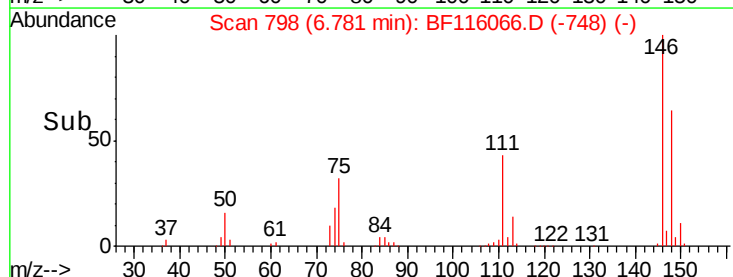
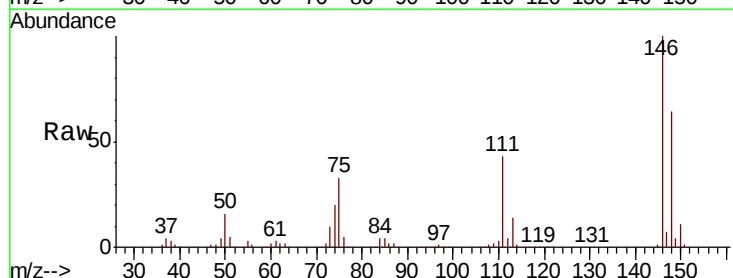
RT: 6.78 min Scan# 798

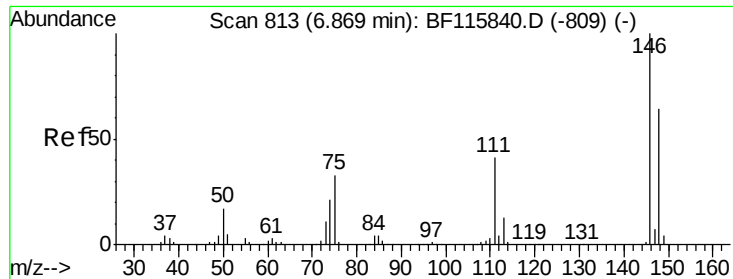
Delta R.T. -0.01 min

Lab File: BF116066.D

Acq: 8 Aug 2019 13:56

Tgt Ion:	146	Resp:	391294
Ion Ratio	Lower	Upper	
146	100		
148	64.3	51.3	76.9
75	32.9	27.4	41.2





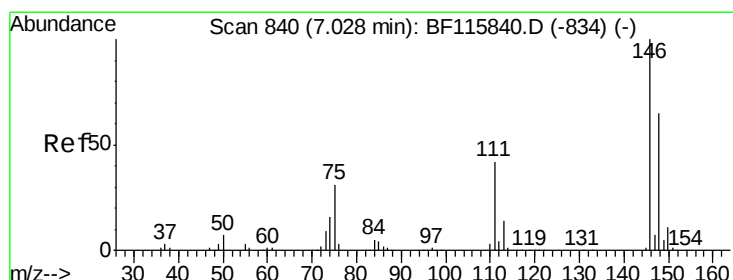
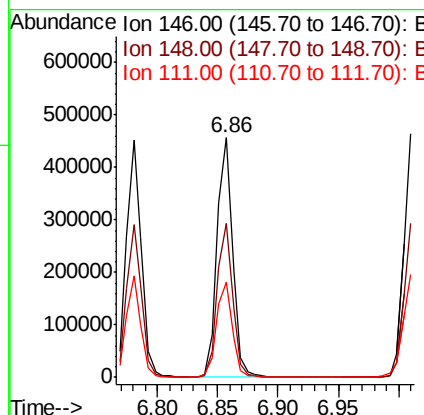
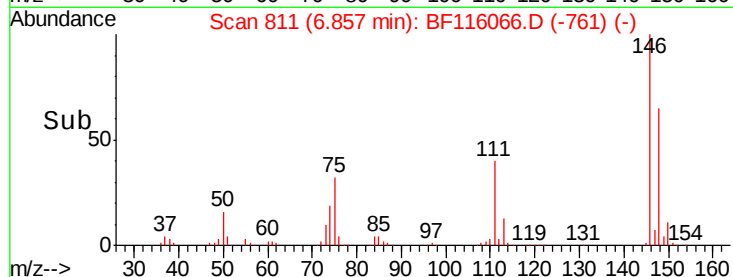
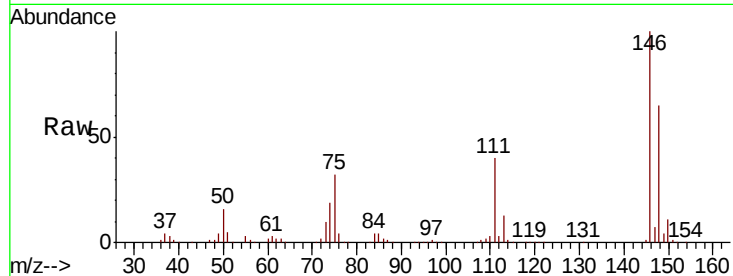
#13
 1,4-Dichlorobenzene
 Concen: 36.954 ng
 RT: 6.86 min Scan# 811
 Delta R.T. -0.01 min
 Lab File: BF116066.D
 Acq: 8 Aug 2019 13:56

Instrument :
 BNA_F
 ClientSampled :
 PB121894BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.6	51.3	76.9
111	40.0	34.0	51.0

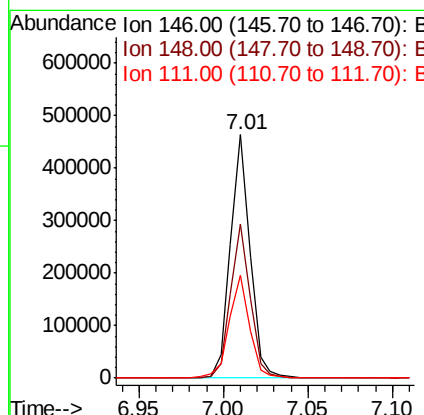
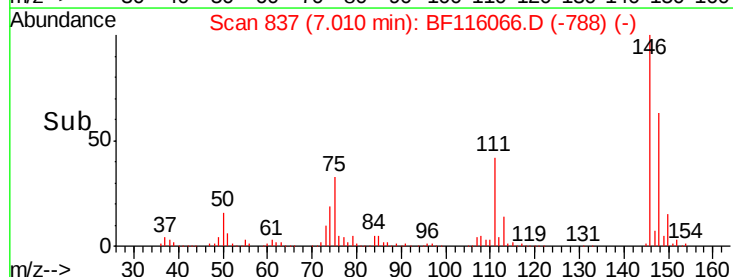
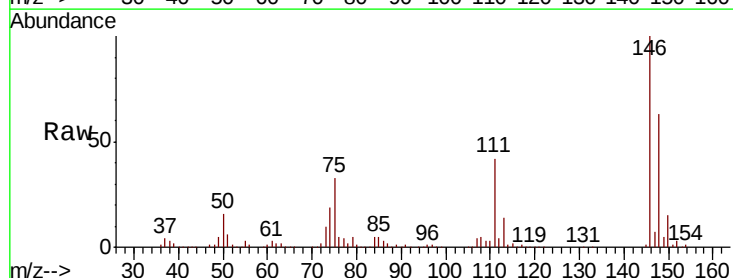
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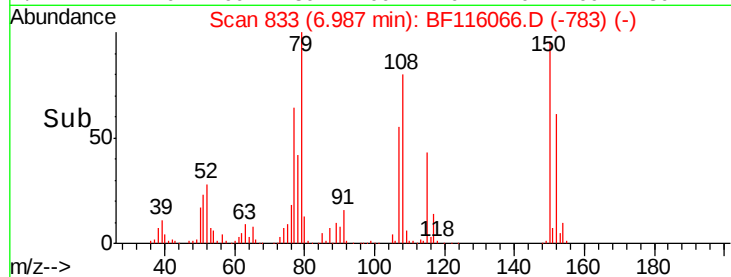
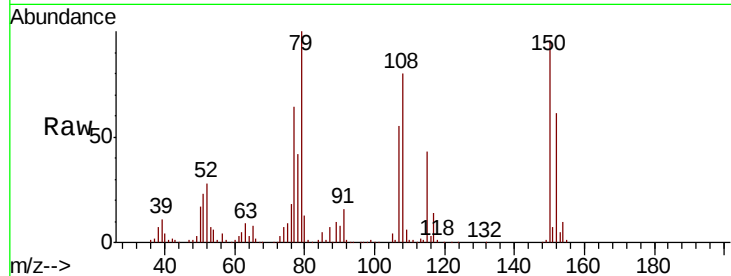
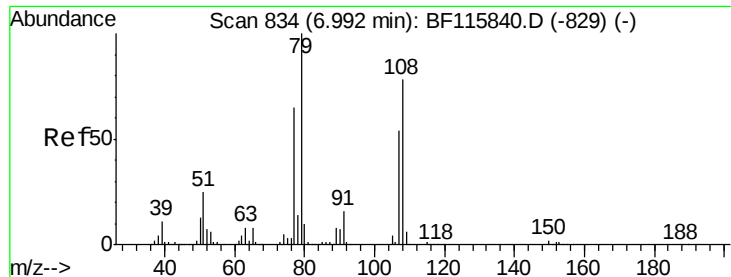
Sohil
 8/13/2019 7:17:03 AM



#14
 1,2-Dichlorobenzene
 Concen: 37.401 ng
 RT: 7.01 min Scan# 837
 Delta R.T. -0.01 min
 Lab File: BF116066.D
 Acq: 8 Aug 2019 13:56

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.1	51.2	76.8
111	42.3	33.5	50.3





#15

Benzyl Alcohol

Concen: 37.585 ng

RT: 6.99 min Scan# 833

Delta R.T. -0.01 min

Lab File: BF116066.D

Acq: 8 Aug 2019 13:56

Tot Ion:	79	Resp:	305433
Ion Ratio	Lower	Upper	
79	100		
108	79.9	62.7	94.1
77	64.3	52.2	78.2

Instrument :

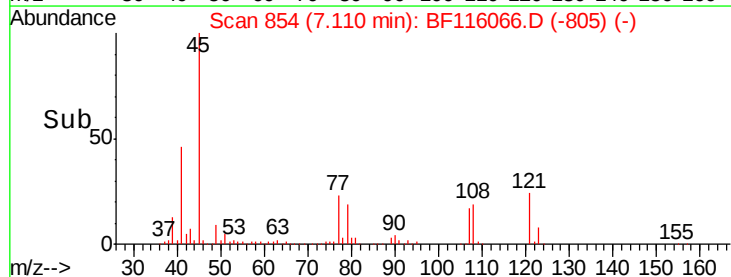
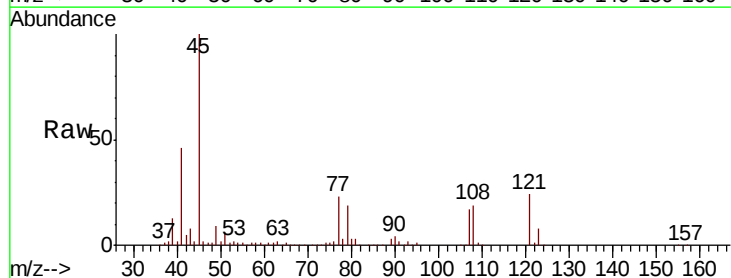
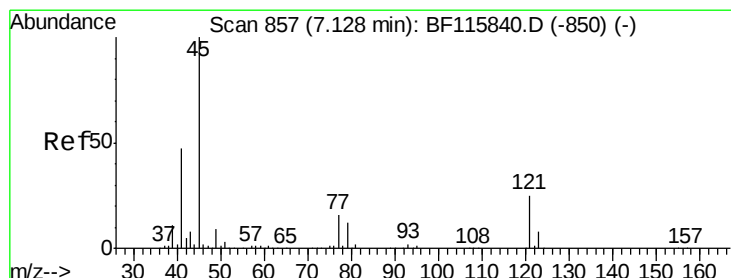
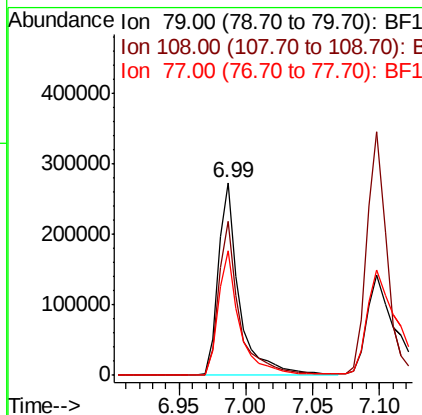
BNA_F

ClientSampleId :

PB121894BS

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 37.040 ng

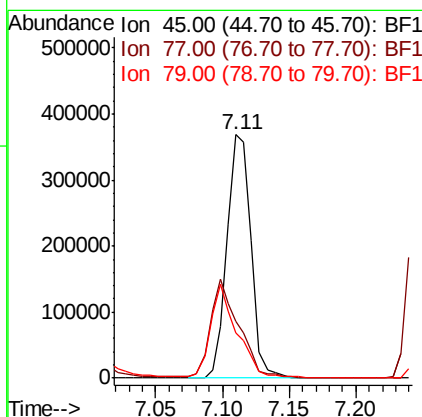
RT: 7.11 min Scan# 854

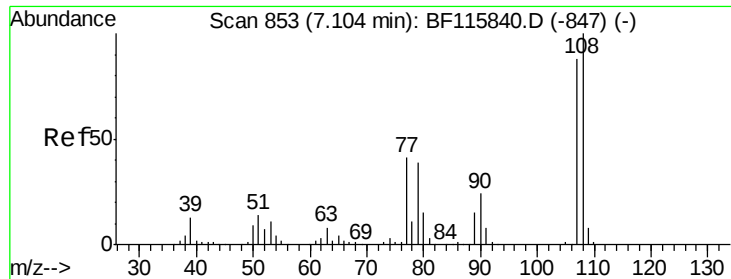
Delta R.T. -0.01 min

Lab File: BF116066.D

Acq: 8 Aug 2019 13:56

Tgt Ion:	45	Resp:	468400
Ion Ratio	Lower	Upper	
45	100		
77	23.2	0.0	40.0
79	18.6	0.0	35.9





#17

2-Methylphenol

Concen: 39.806 ng

RT: 7.10 min Scan# 852

Delta R.T. -0.01 min

Lab File: BF116066.D

Acq: 8 Aug 2019 13:56

Instrument :

BNA_F

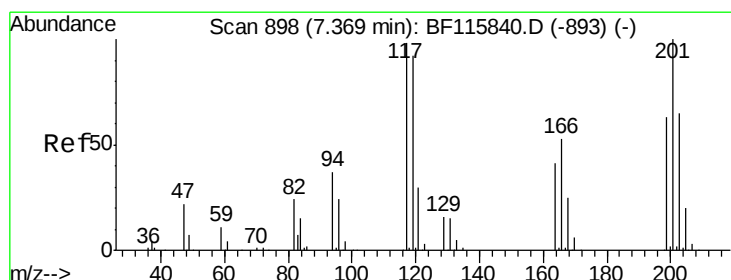
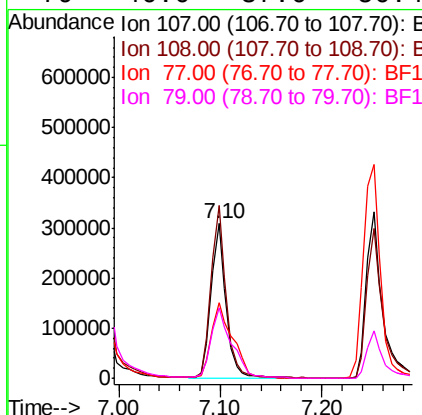
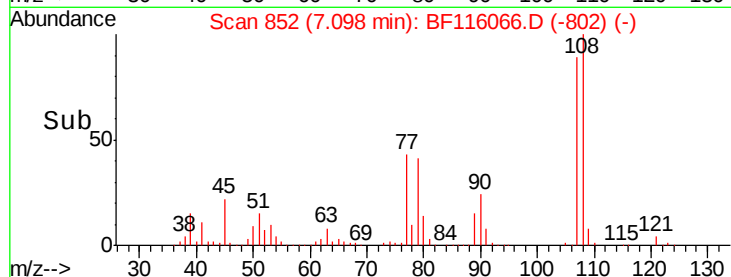
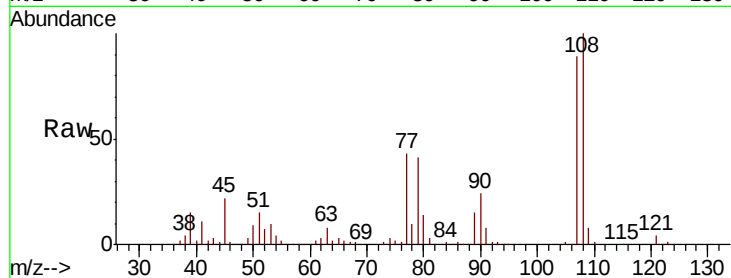
ClientSampleId :

PB121894BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	112.3	91.2	136.8	
77	48.7	40.3	60.5	
79	46.0	37.6	56.4	

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#18

Hexachloroethane

Concen: 36.662 ng

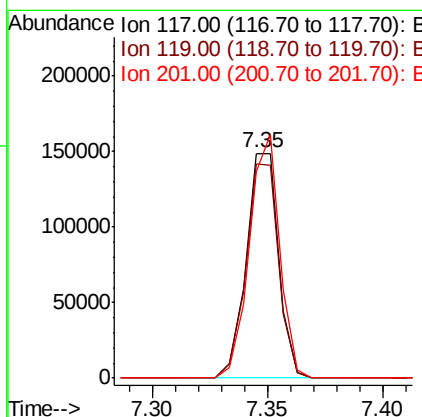
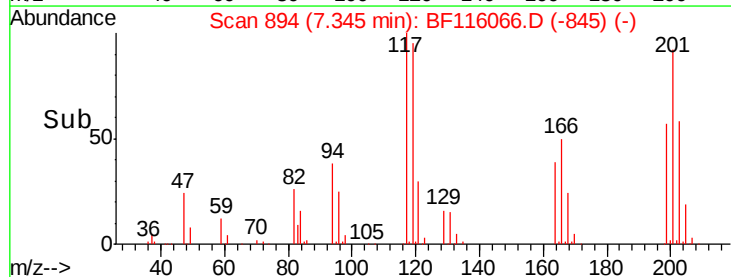
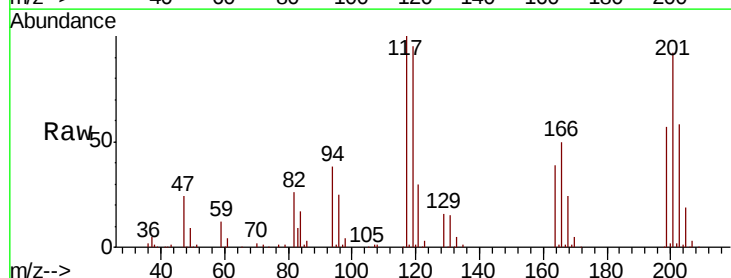
RT: 7.35 min Scan# 894

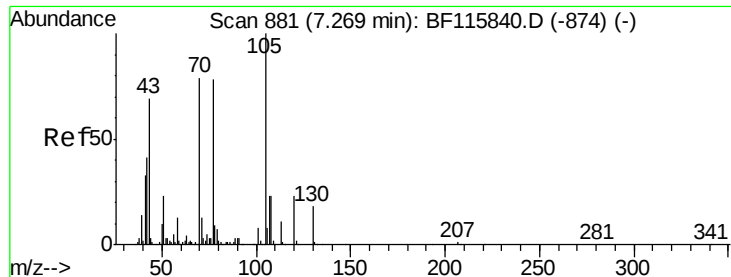
Delta R.T. -0.01 min

Lab File: BF116066.D

Acq: 8 Aug 2019 13:56

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	95.4	76.1	114.1	
201	91.8	77.0	115.4	





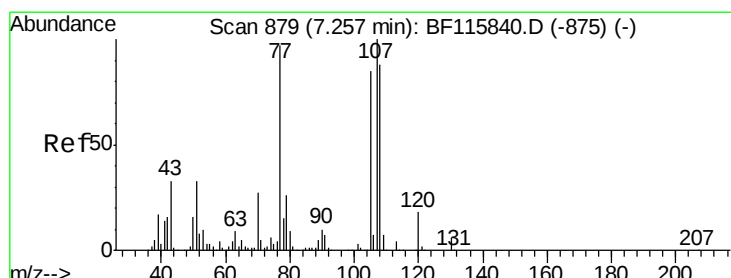
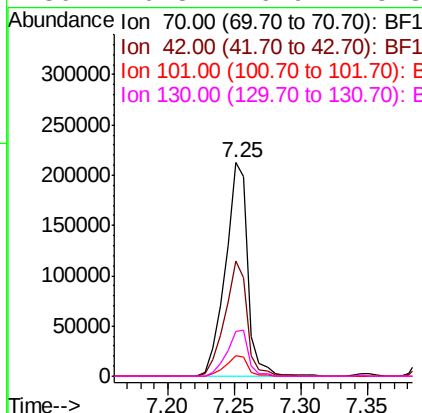
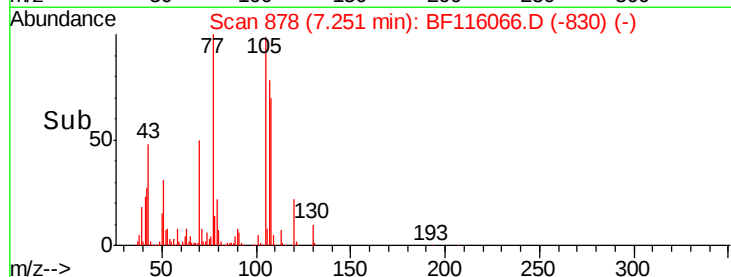
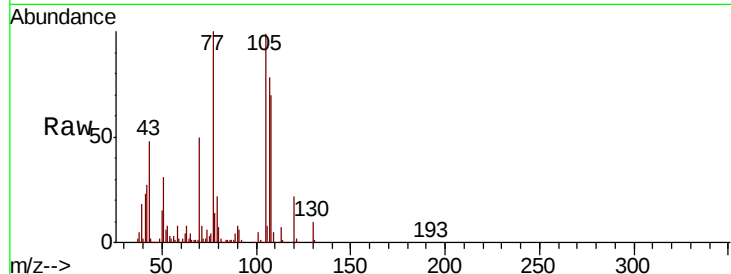
#19
n-Nitroso-di-n-propylamine
Concen: 37.998 ng
RT: 7.25 min Scan# 878
Delta R.T. -0.02 min
Lab File: BF116066.D
Acq: 8 Aug 2019 13:56

Instrument :
BNA_F
ClientSampleId :
PB121894BS

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	54.2	40.9	61.3	
101	9.9	7.9	11.9	
130	20.8	16.9	25.3	

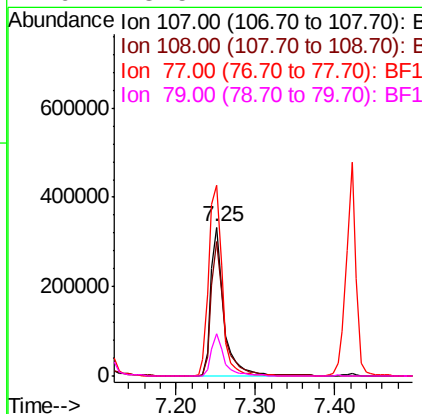
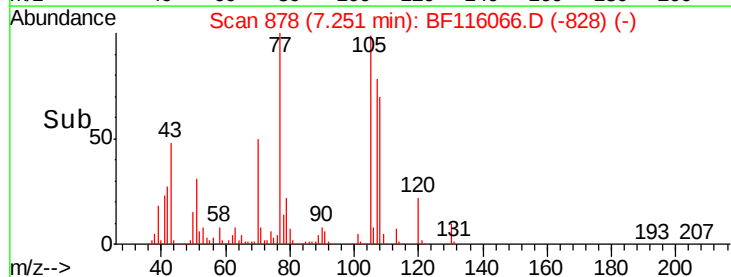
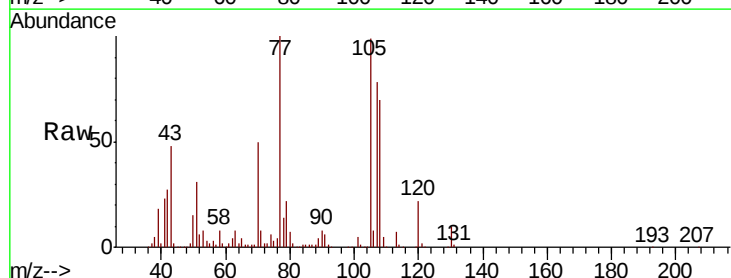
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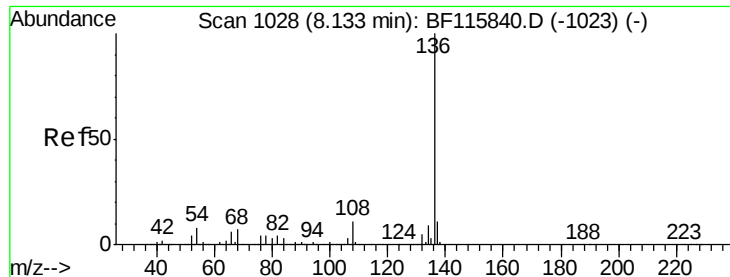
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#20
3+4-Methylphenols
Concen: 39.956 ng
RT: 7.25 min Scan# 878
Delta R.T. -0.01 min
Lab File: BF116066.D
Acq: 8 Aug 2019 13:56

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	90.0	67.6	107.6	
77	128.0	104.4	144.4	
79	28.5	7.4	47.4	





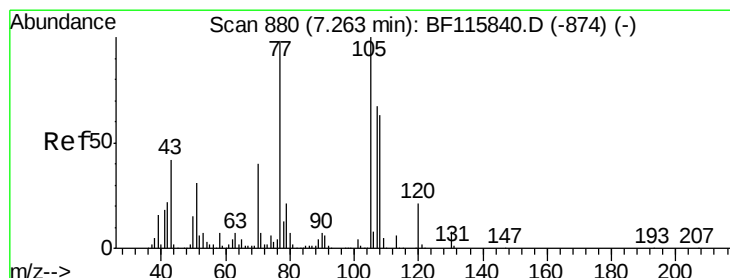
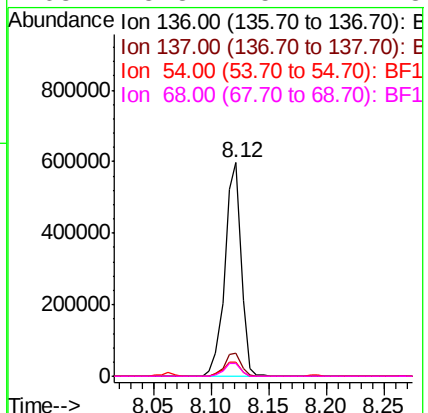
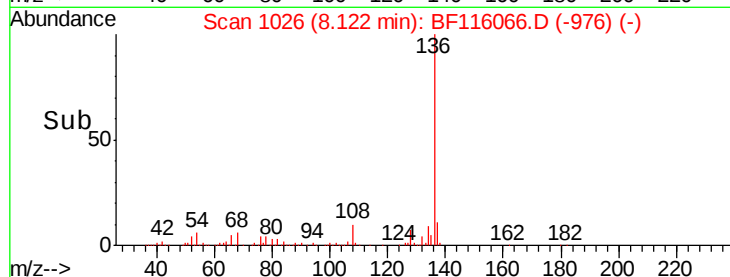
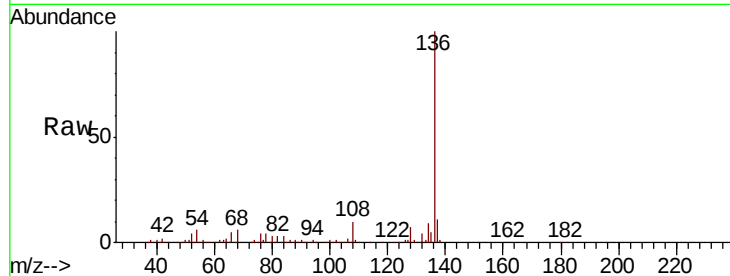
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.12 min Scan# 1026
Delta R.T. -0.01 min
Lab File: BF116066.D
Acq: 8 Aug 2019 13:56

Instrument :
BNA_F
ClientSampleId :
PB121894BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	582070		
137	11.0		9.0	13.4
54	6.5		5.8	8.6
68	5.8		5.2	7.8

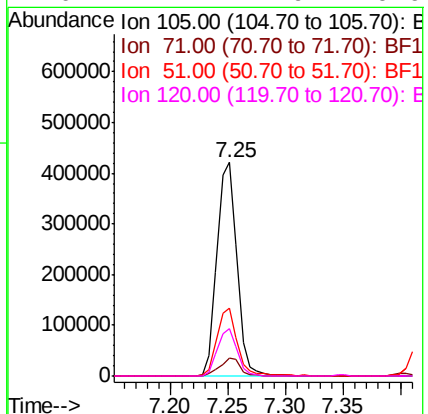
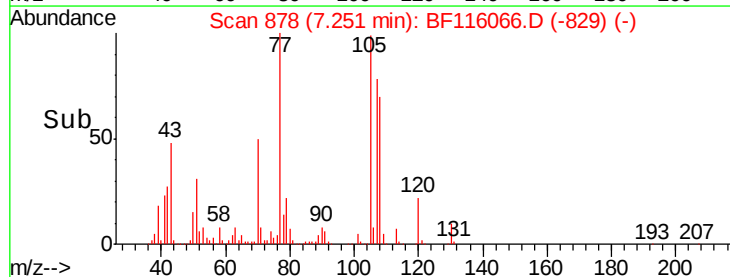
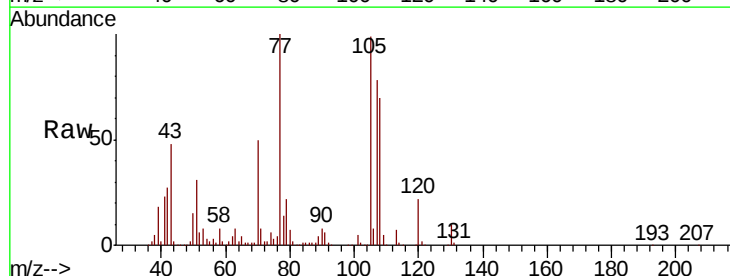
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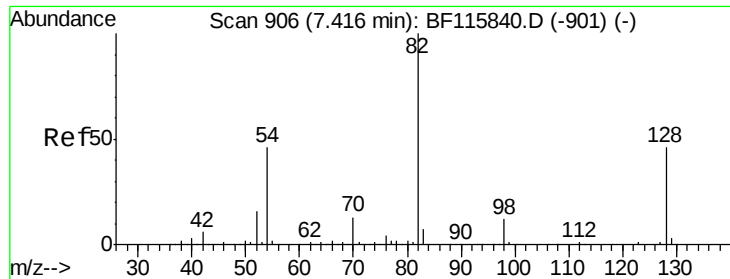
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#22
Acetophenone
Concen: 39.588 ng
RT: 7.25 min Scan# 878
Delta R.T. -0.01 min
Lab File: BF116066.D
Acq: 8 Aug 2019 13:56

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	505364		
71	8.5		5.9	8.9
51	31.5		25.3	37.9
120	22.1		17.9	26.9





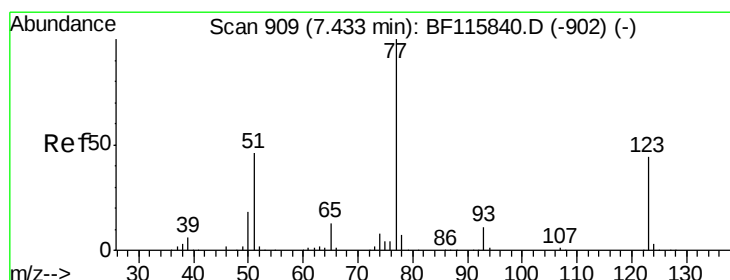
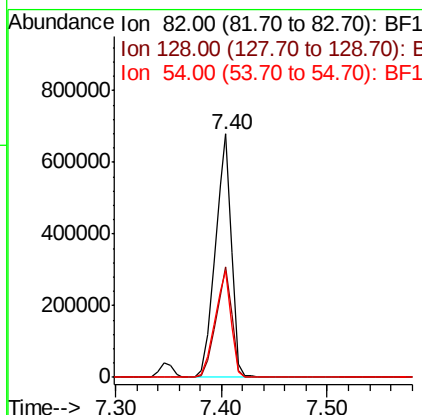
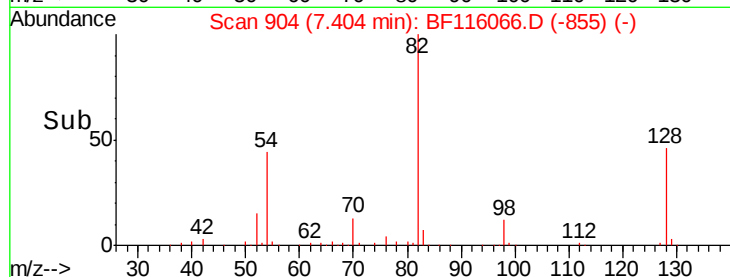
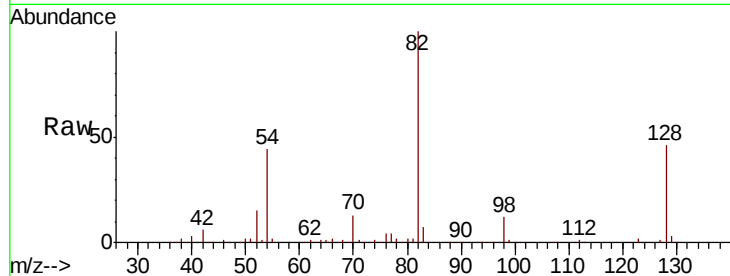
#23
 Nitrobenzene-d5
 Concen: 72.892 ng
 RT: 7.40 min Scan# 904
 Delta R.T. -0.01 min
 Lab File: BF116066.D
 Acq: 8 Aug 2019 13:56

Instrument :
 BNA_F
 ClientSampleId :
 PB121894BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	45.6	36.5	54.7
54	44.1	36.0	54.0

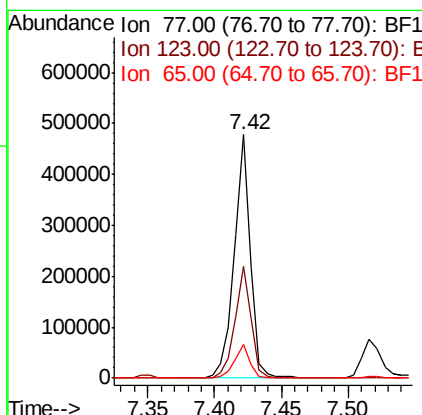
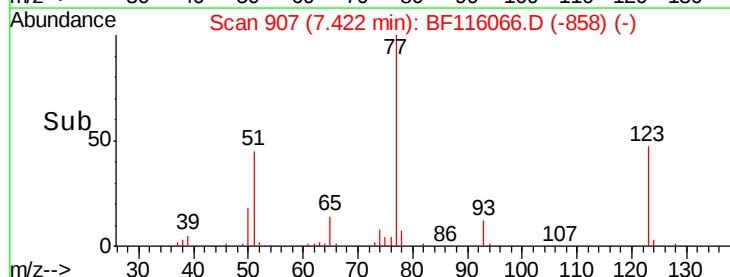
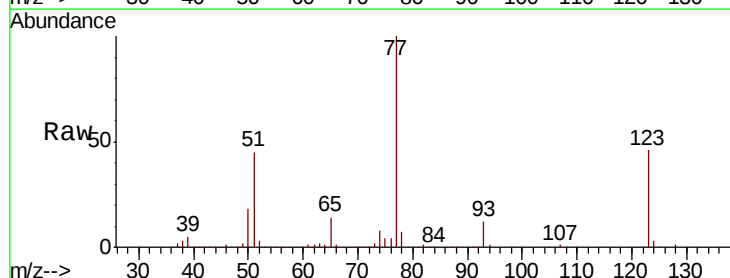
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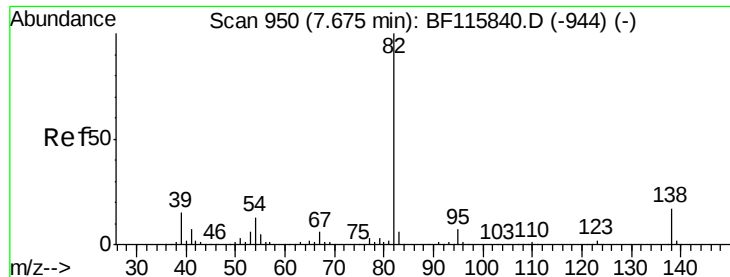
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#24
 Nitrobenzene
 Concen: 37.626 ng
 RT: 7.42 min Scan# 907
 Delta R.T. -0.01 min
 Lab File: BF116066.D
 Acq: 8 Aug 2019 13:56

Tgt Ion	Ratio	Lower	Upper
77	100		
123	46.1	36.7	55.1
65	13.6	10.6	16.0





#25

Isophorone

Concen: 38.716 ng

RT: 7.66 min Scan# 948

Delta R.T. -0.01 min

Lab File: BF116066.D

Acq: 8 Aug 2019 13:56

Instrument :

BNA_F

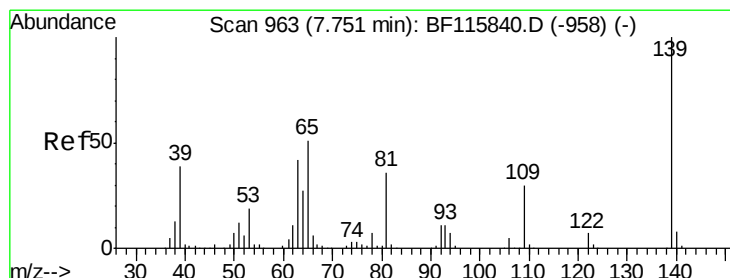
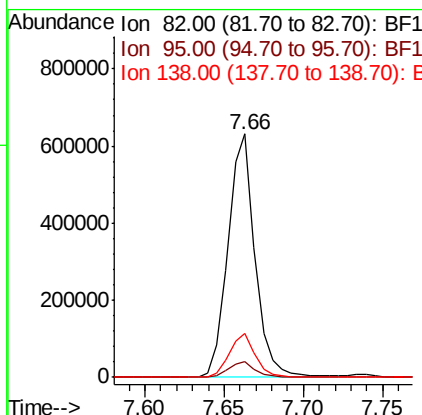
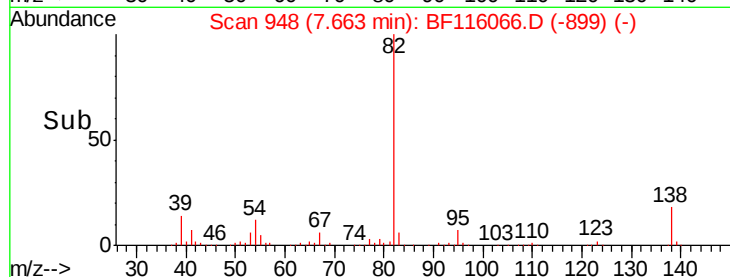
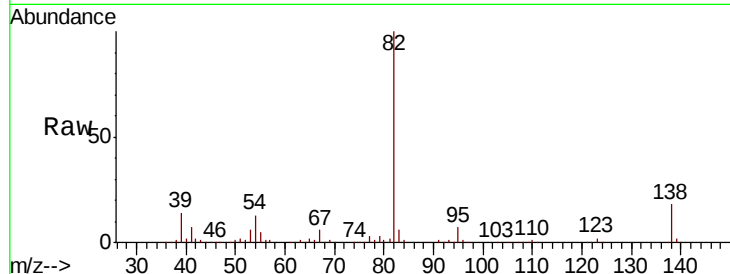
ClientSampleId :

PB121894BS

Tot Ion:	82	Resp:	746518
Ion Ratio	Lower	Upper	
82	100		
95	6.7	5.4	8.0
138	18.2	14.5	21.7

Manual Integrations
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#26

2-Nitrophenol

Concen: 39.438 ng

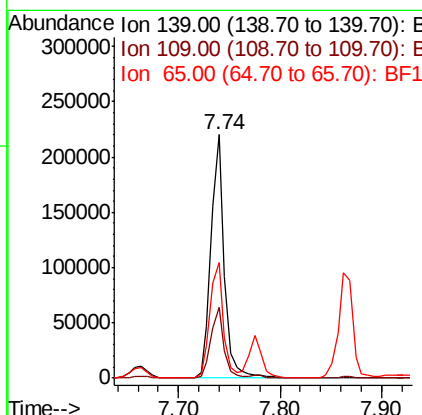
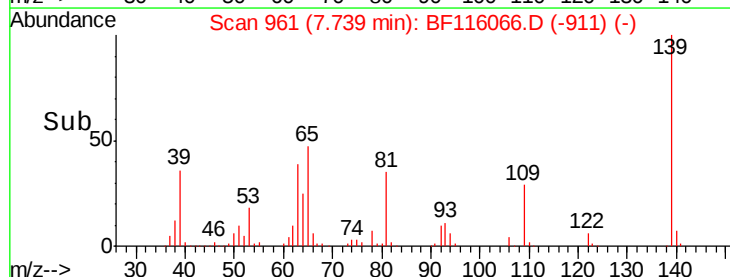
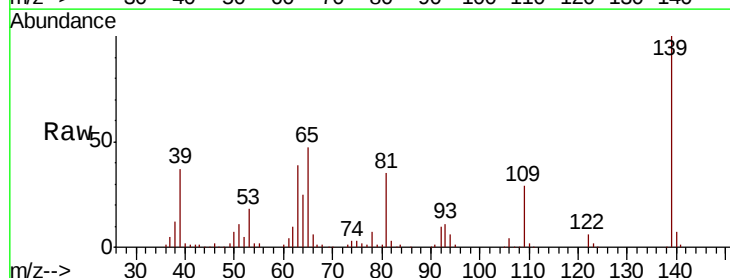
RT: 7.74 min Scan# 961

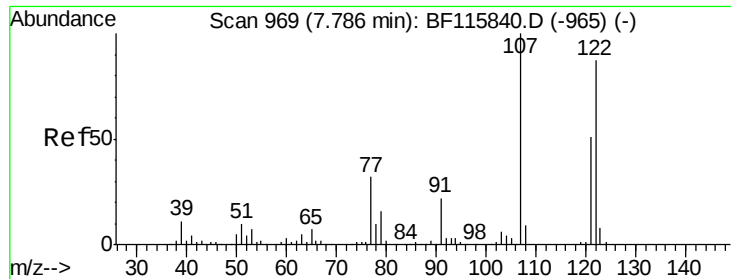
Delta R.T. -0.01 min

Lab File: BF116066.D

Acq: 8 Aug 2019 13:56

Tgt Ion:	139	Resp:	202415
Ion Ratio	Lower	Upper	
139	100		
109	29.1	23.4	35.2
65	47.4	41.1	61.7





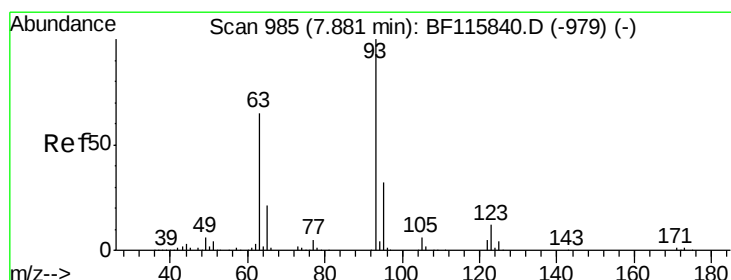
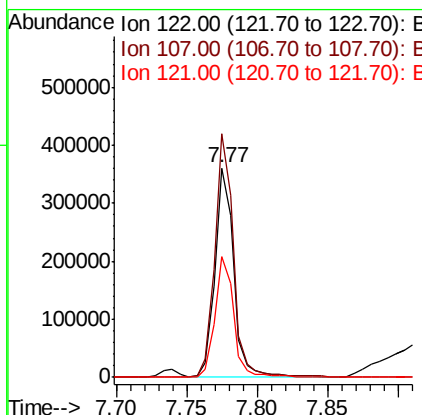
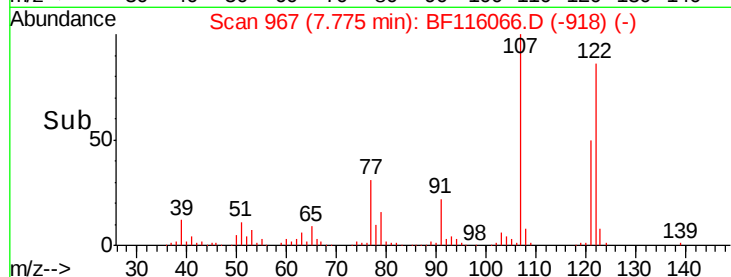
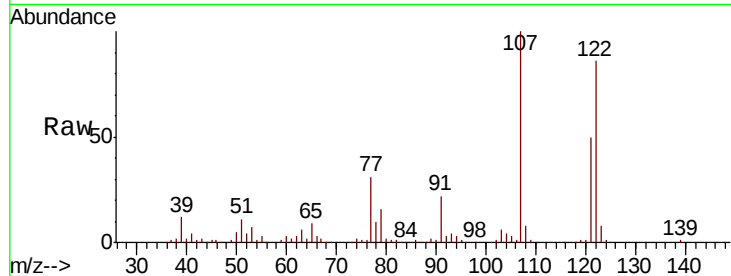
#27
2,4-Dimethylphenol
Concen: 43.171 ng
RT: 7.77 min Scan# 967
Delta R.T. -0.01 min
Lab File: BF116066.D
Acq: 8 Aug 2019 13:56

Instrument :
BNA_F
ClientSampled :
PB121894BS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	333359		
107	116.4	93.0	139.6	
121	57.7	47.6	71.4	

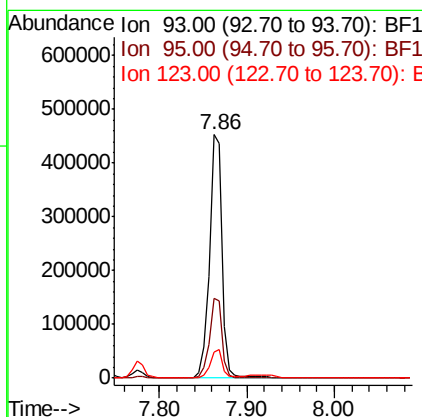
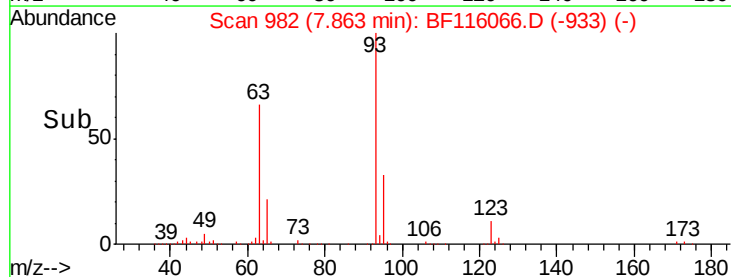
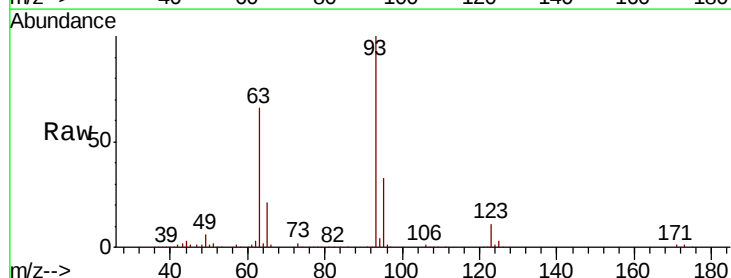
Manual Integrations
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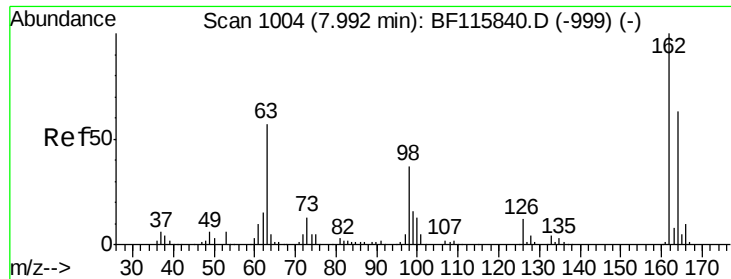
Sohil
8/13/2019 7:17:03 AM



#28
bis(2-Chloroethoxy)methane
Concen: 38.080 ng
RT: 7.86 min Scan# 982
Delta R.T. -0.01 min
Lab File: BF116066.D
Acq: 8 Aug 2019 13:56

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	455106		
95	32.5	26.2	39.4	
123	10.9	9.2	13.8	





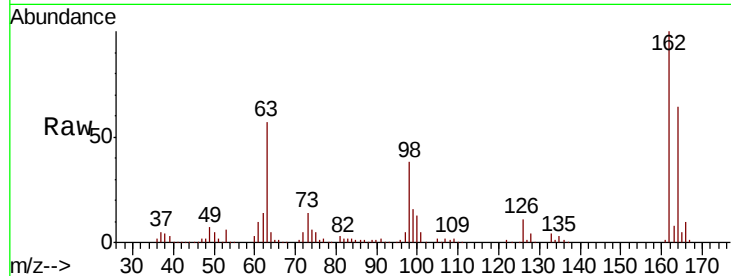
#29
 2,4-Dichlorophenol
 Concen: 39.566 ng
 RT: 7.98 min Scan# 1002
 Delta R.T. -0.01 min
 Lab File: BF116066.D
 Acq: 8 Aug 2019 13:56

Instrument :
 BNA_F
 ClientSampleId :
 PB121894BS

Tot Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	63.7	45.1	85.1
98	37.8	15.8	55.8

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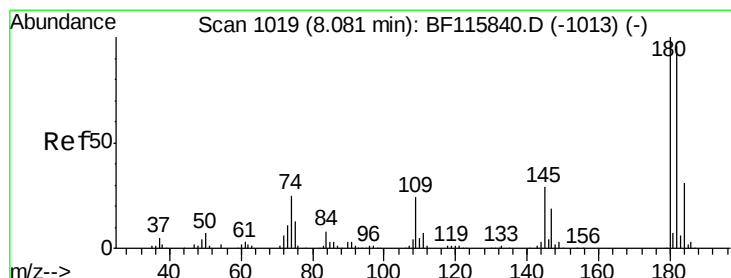
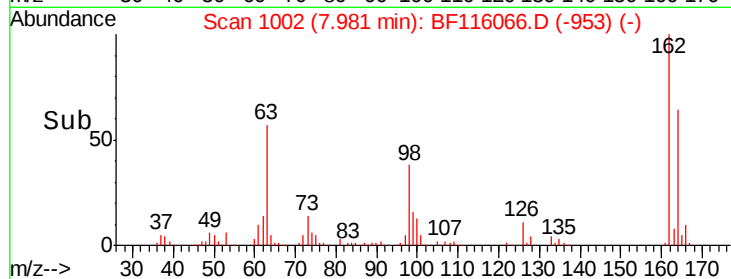
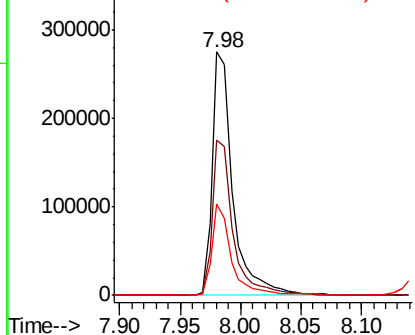


Abundance

Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
 1,2,4-Trichlorobenzene
 Concen: 37.613 ng
 RT: 8.06 min Scan# 1016
 Delta R.T. -0.01 min
 Lab File: BF116066.D
 Acq: 8 Aug 2019 13:56

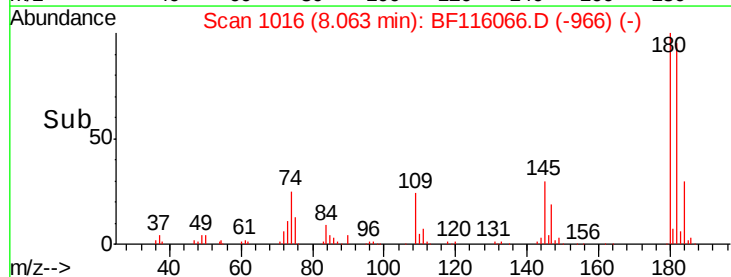
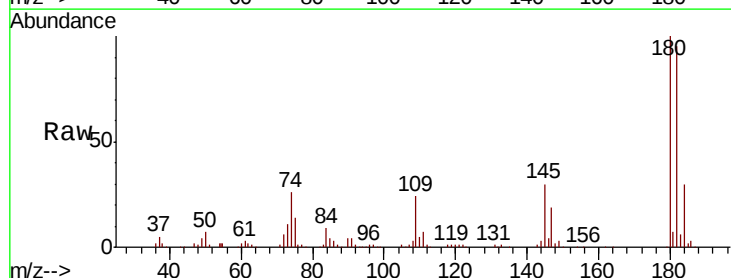
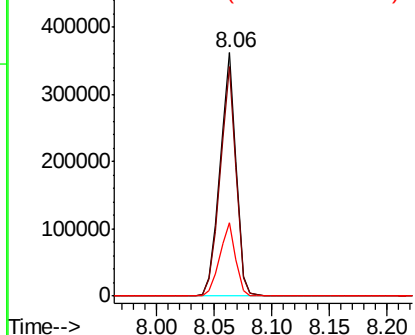
Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	94.5	75.7	113.5
145	30.1	24.3	36.5

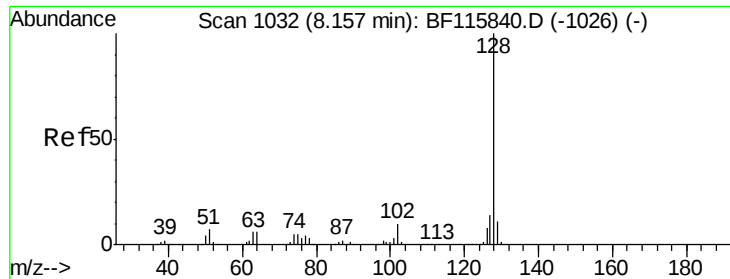
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





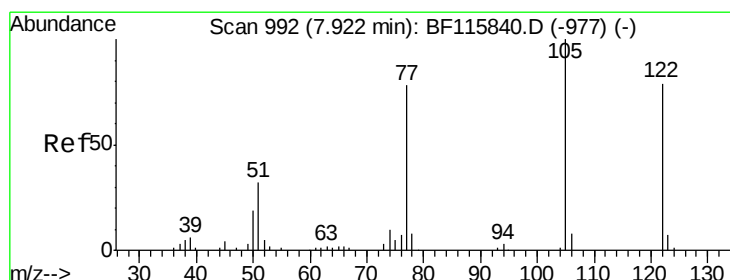
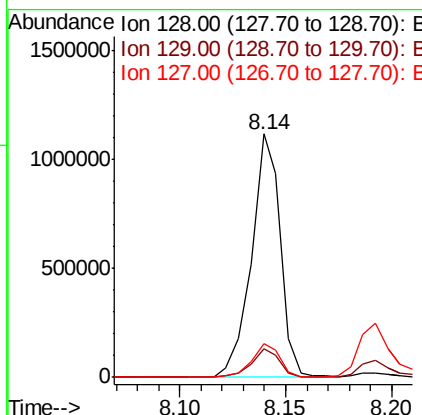
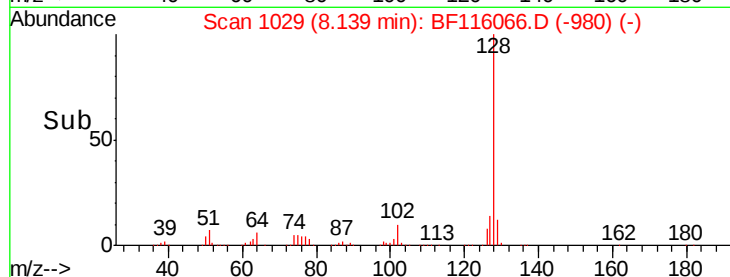
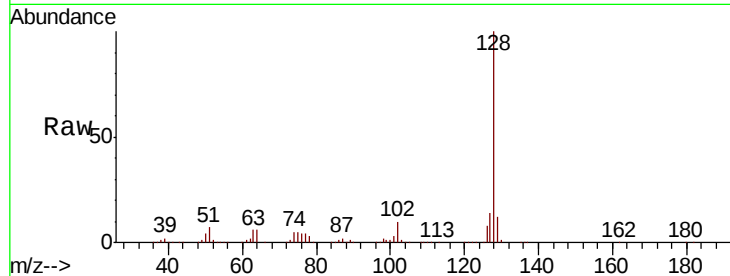
#31
Naphthalene
Concen: 38.843 ng
RT: 8.14 min Scan# 1029
Delta R.T. -0.01 min
Lab File: BF116066.D
Acq: 8 Aug 2019 13:56

Instrument :
BNA_F
ClientSampleId :
PB121894BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.8	9.3	13.9
127	13.7	11.4	17.0

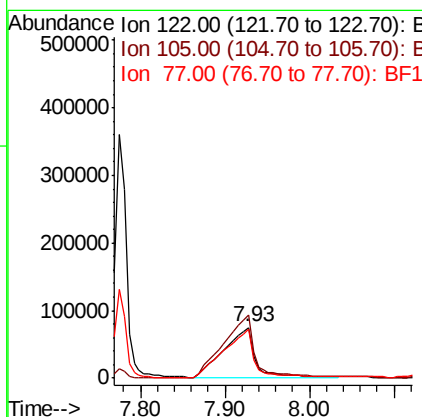
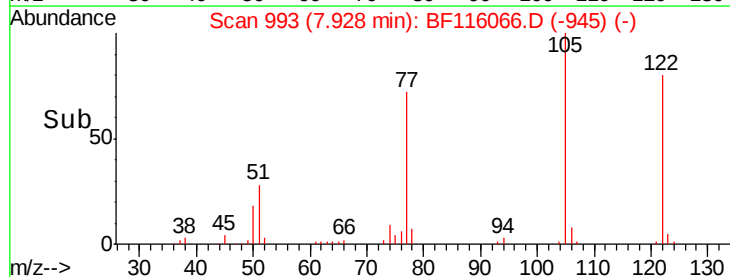
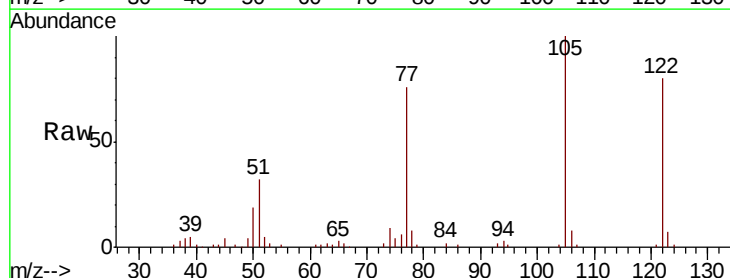
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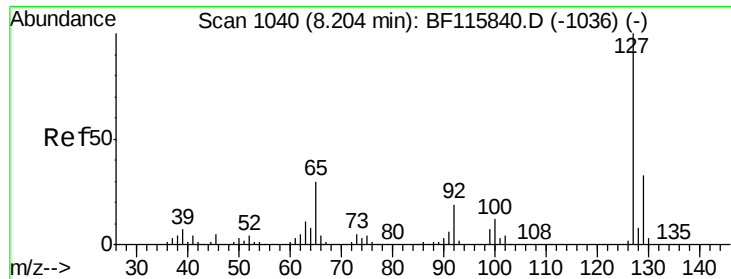
Sohil
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#32
Benzoic acid
Concen: 34.704 ng
RT: 7.93 min Scan# 993
Delta R.T. -0.02 min
Lab File: BF116066.D
Acq: 8 Aug 2019 13:56

Tgt Ion	Ratio	Lower	Upper
122	100		
105	125.7	106.1	146.1
77	95.7	76.7	116.7





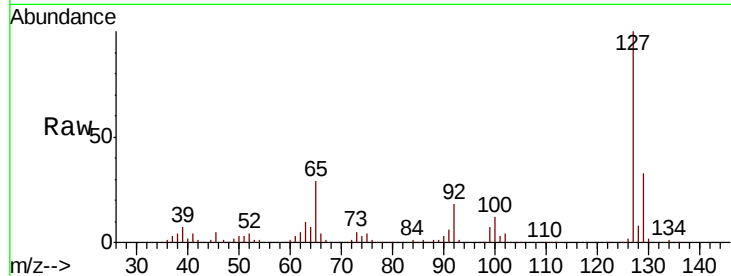
#33
4-Chloroaniline
Concen: 23.787 ng
RT: 8.19 min Scan# 1038
Delta R.T. -0.01 min
Lab File: BF116066.D
Acq: 8 Aug 2019 13:56

Instrument :
BNA_F
ClientSampleId :
PB121894BS

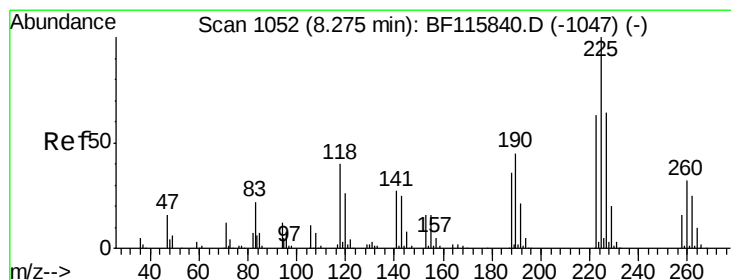
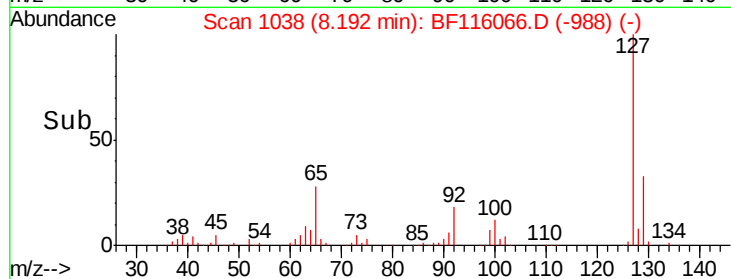
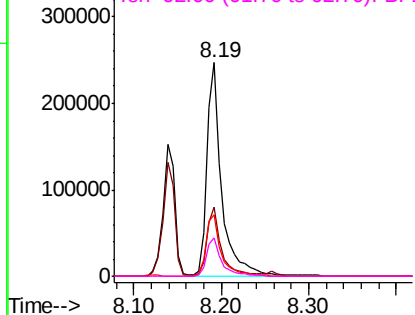
Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		291113		
129	32.6	26.1	39.1		
65	29.0	24.9	37.3		
92	18.2	15.7	23.5		

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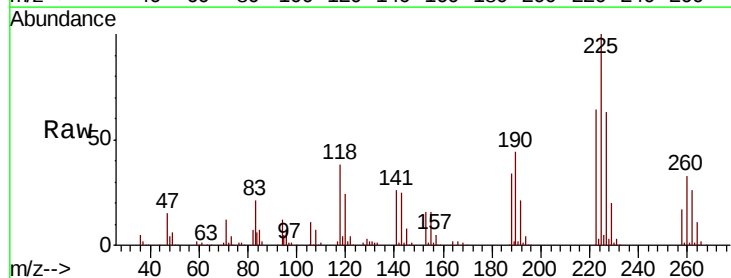


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

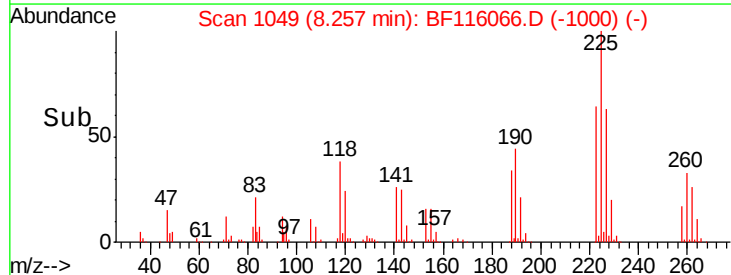
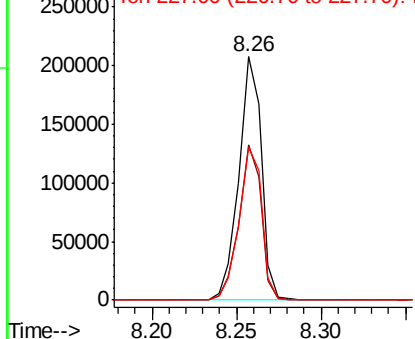


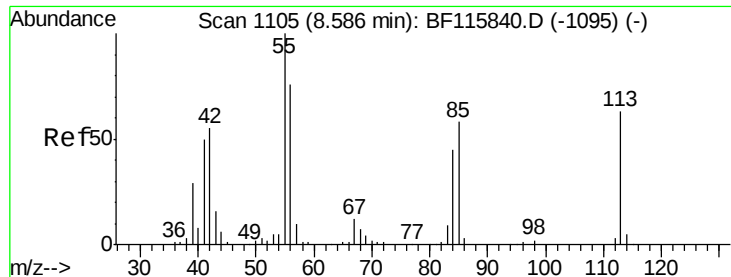
#34
Hexachlorobutadiene
Concen: 36.020 ng
RT: 8.26 min Scan# 1049
Delta R.T. -0.01 min
Lab File: BF116066.D
Acq: 8 Aug 2019 13:56

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		192820		
223	64.0	50.0	75.0		
227	62.7	51.0	76.4		



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





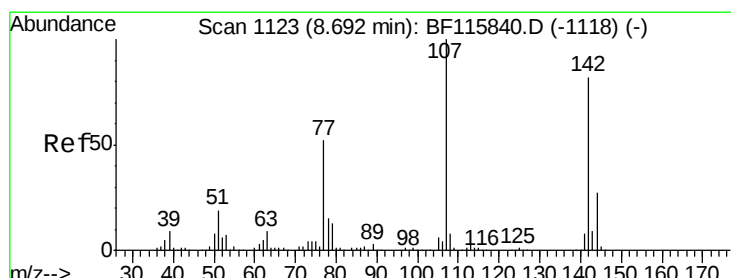
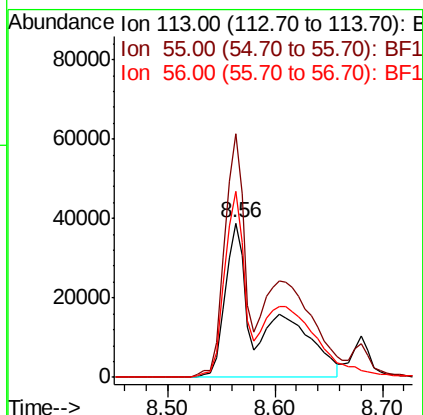
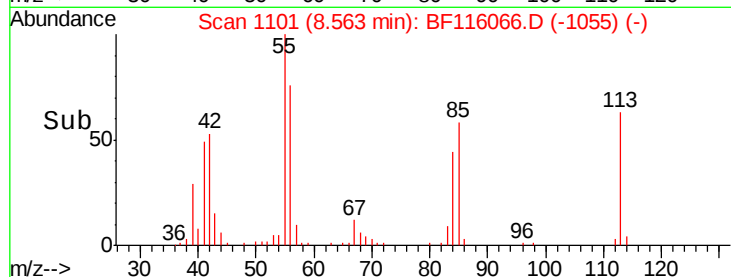
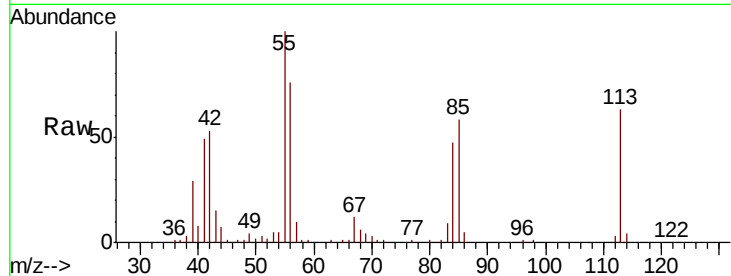
#35
 Caprolactam
 Concen: 37.530 ng/ml
 RT: 8.56 min Scan# 1101
 Delta R.T. -0.03 min
 Lab File: BF116066.D
 Acq: 8 Aug 2019 13:56

Instrument :
 BNA_F
 ClientSampleID :
 PB121894BS

Tot Ion	Ratio	Lower	Upper
113	100		
55	157.6	144.3	184.3
56	120.3	97.1	137.1

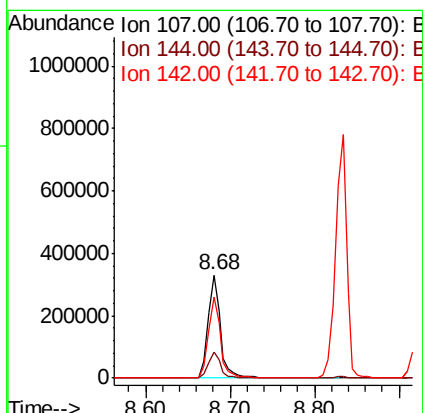
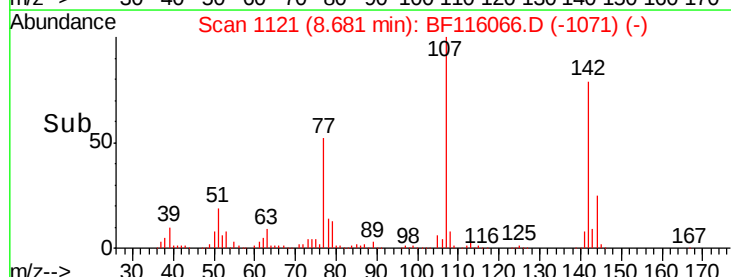
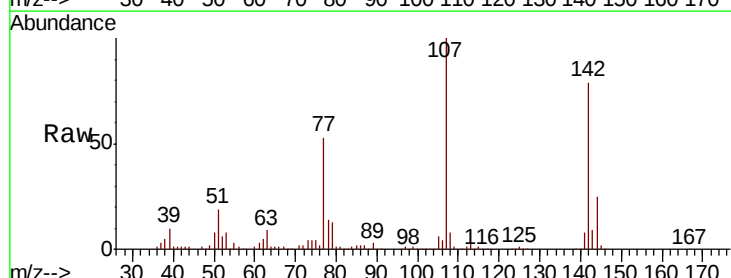
Manual Integrations
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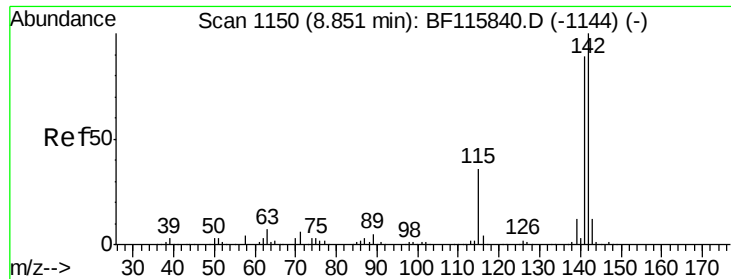
Sohil
 8/13/2019 7:17:03 AM



#36
 4-Chloro-3-methylphenol
 Concen: 40.034 ng/ml
 RT: 8.68 min Scan# 1121
 Delta R.T. -0.01 min
 Lab File: BF116066.D
 Acq: 8 Aug 2019 13:56

Tgt Ion	Ratio	Lower	Upper
107	100		
144	25.2	20.2	30.2
142	78.6	61.7	92.5





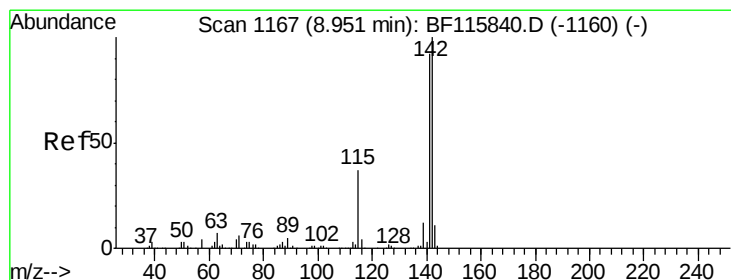
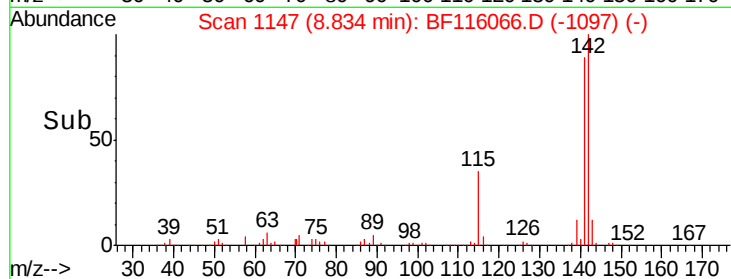
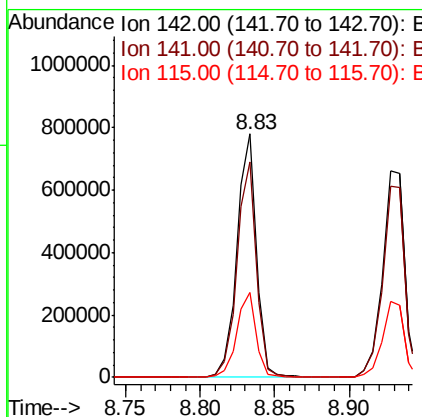
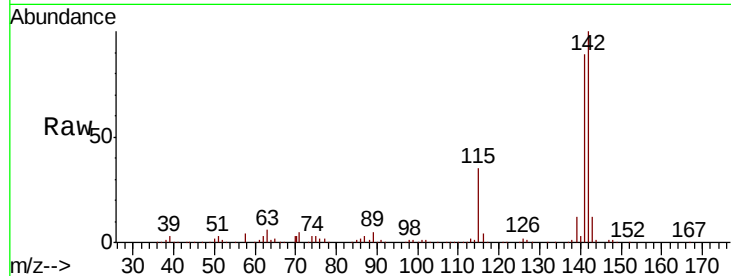
#37
2-Methylnaphthalene
Concen: 39.546 ng
RT: 8.83 min Scan# 1147
Delta R.T. -0.01 min
Lab File: BF116066.D
Acq: 8 Aug 2019 13:56

Instrument :
BNA_F
ClientSampled :
PB121894BS

Tot Ion	Ratio	Resp	Lower	Upper
142	100	713387		
141	88.6		70.9	106.3
115	34.9		29.0	43.6

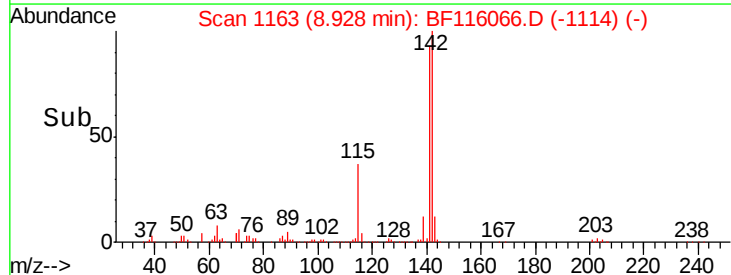
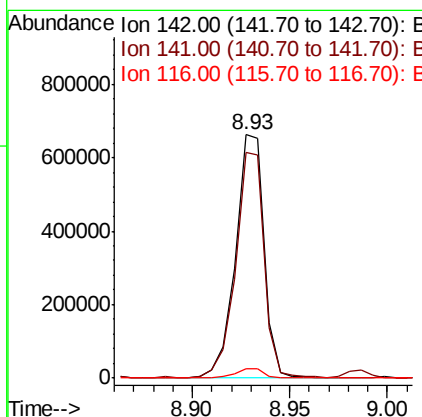
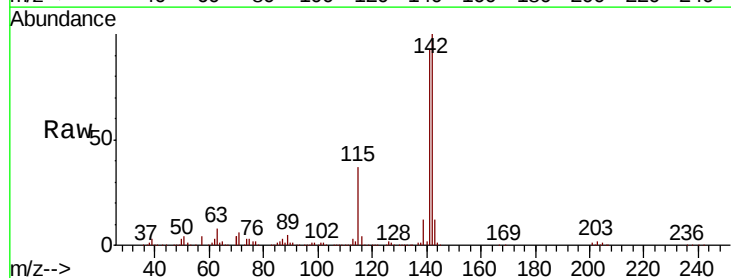
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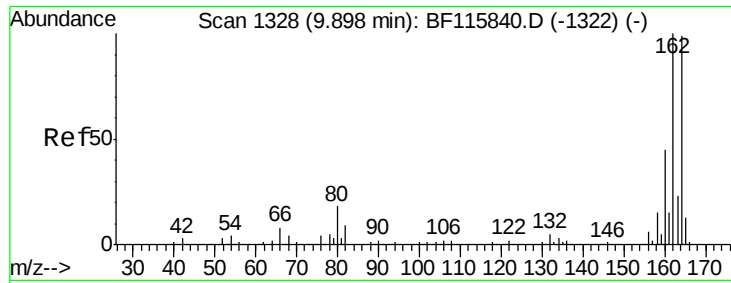
Sohil
8/13/2019 7:17:03 AM



#38
1-Methylnaphthalene
Concen: 39.181 ng
RT: 8.93 min Scan# 1163
Delta R.T. -0.01 min
Lab File: BF116066.D
Acq: 8 Aug 2019 13:56

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	668666		
141	92.5		74.4	111.6
116	3.9		3.1	4.7





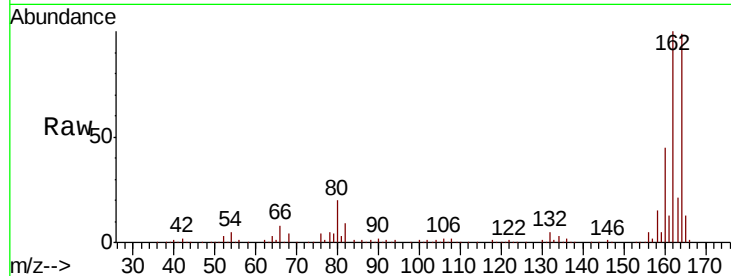
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.87 min Scan# 1324
 Delta R.T. -0.01 min
 Lab File: BF116066.D
 Acq: 8 Aug 2019 13:56

Instrument :
 BNA_F
 ClientSampleId :
 PB121894BS

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	100.9	82.6	124.0	
160	45.5	37.6	56.4	

Manual Integrations
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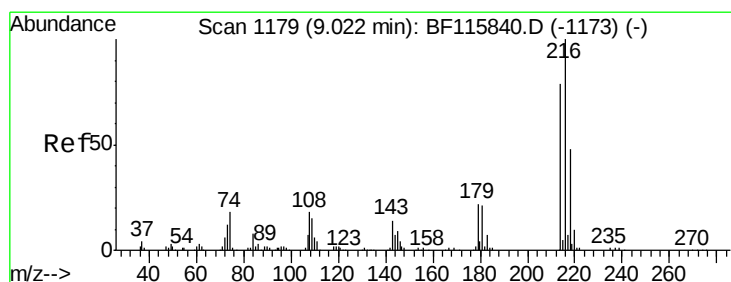
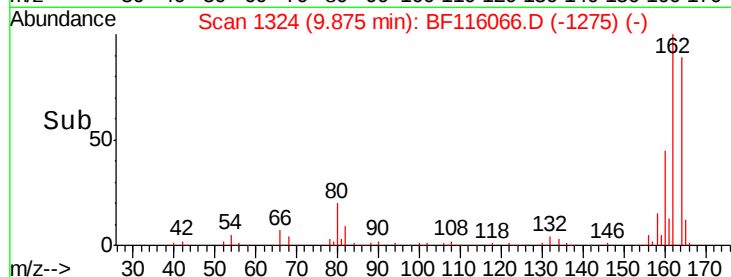
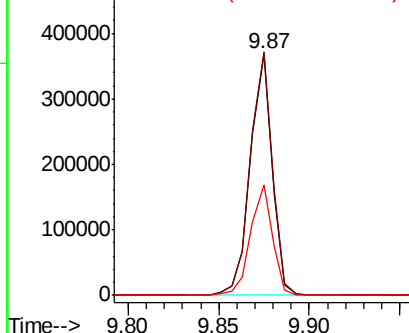


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 39.616 ng
 RT: 9.00 min Scan# 1175
 Delta R.T. -0.01 min
 Lab File: BF116066.D
 Acq: 8 Aug 2019 13:56

Tgt Ion	Ratio	Resp	Lower	Upper
216	100			
214	79.9	63.6	95.4	
179	22.2	17.8	26.8	
108	20.5	16.5	24.7	

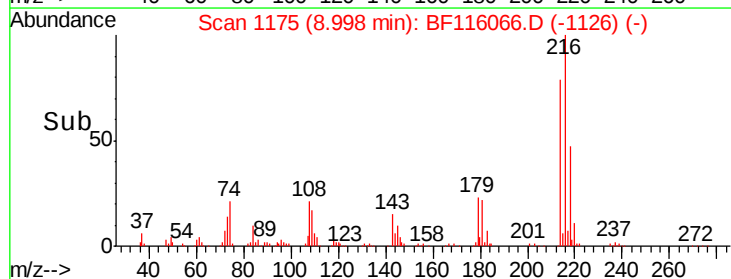
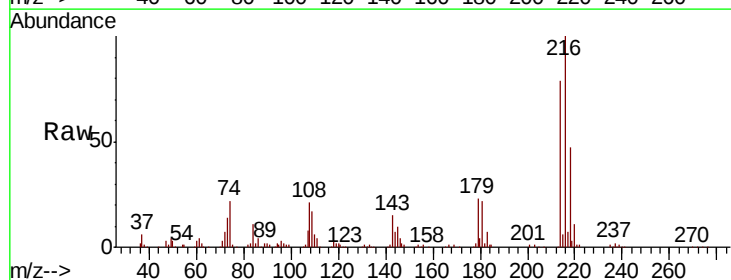
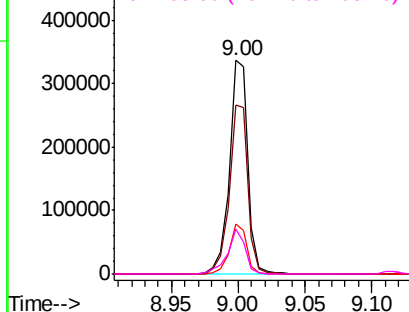
Abundance

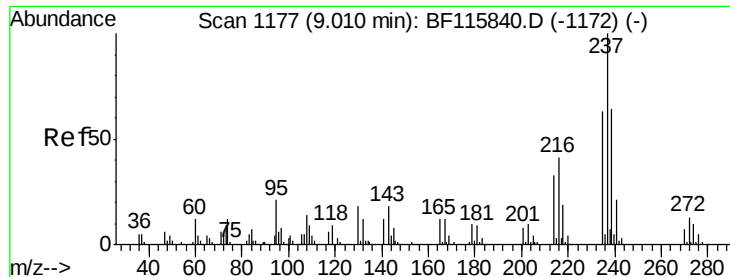
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 40.922 ng

RT: 8.99 min Scan# 1173

Delta R.T. -0.01 min

Lab File: BF116066.D

Acq: 8 Aug 2019 13:56

Instrument :

BNA_F

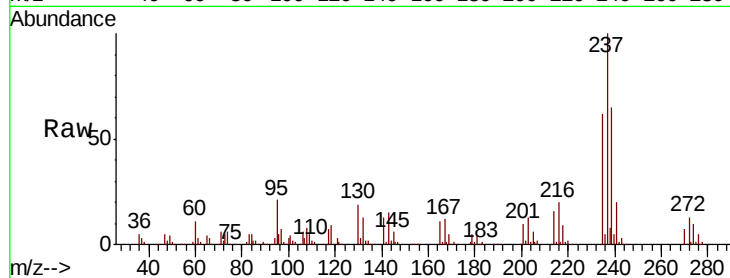
ClientSampleId :

PB121894BS

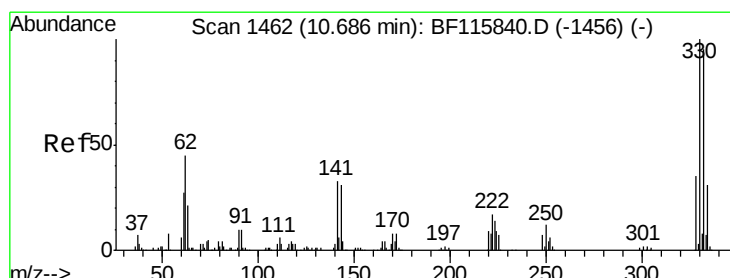
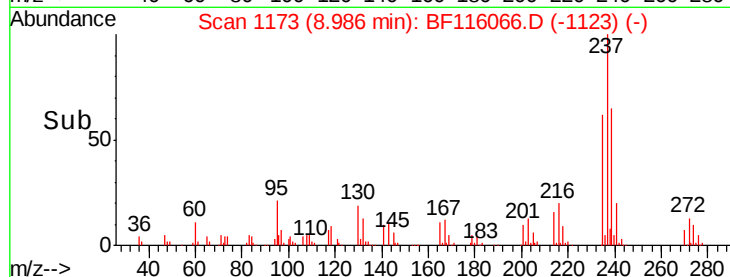
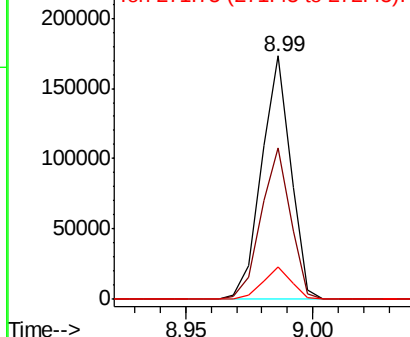
Tot Ion:	237	Resp:	139801
Ion Ratio	Lower	Upper	
237	100		
235	62.4	43.4	83.4
272	13.5	0.0	33.2

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Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 107.862 ng

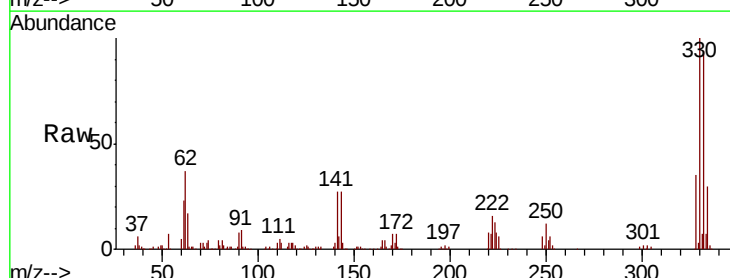
RT: 10.67 min Scan# 1459

Delta R.T. -0.01 min

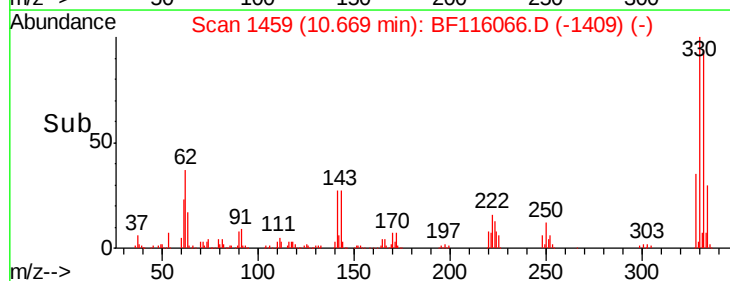
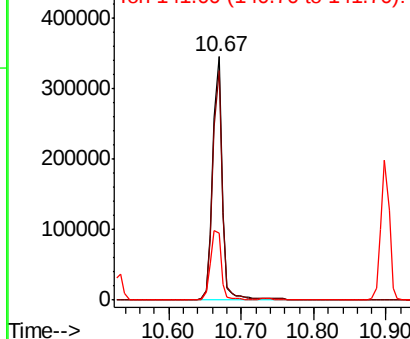
Lab File: BF116066.D

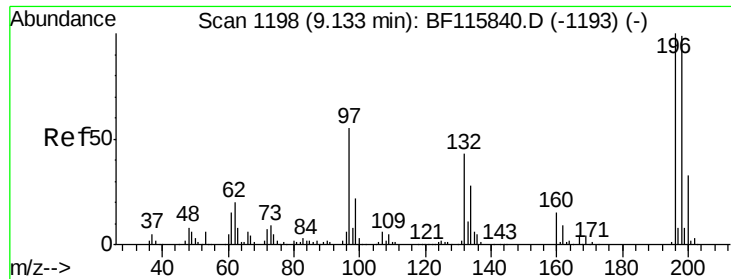
Acq: 8 Aug 2019 13:56

Tgt Ion:	330	Resp:	322279
Ion Ratio	Lower	Upper	
330	100		
332	95.2	76.8	115.2
141	32.1	26.3	39.5



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E





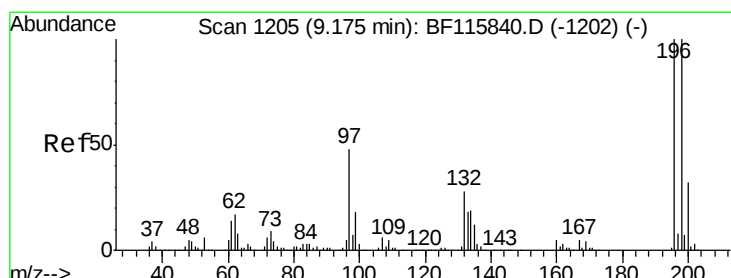
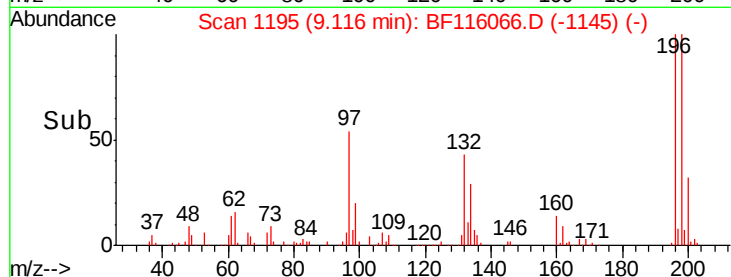
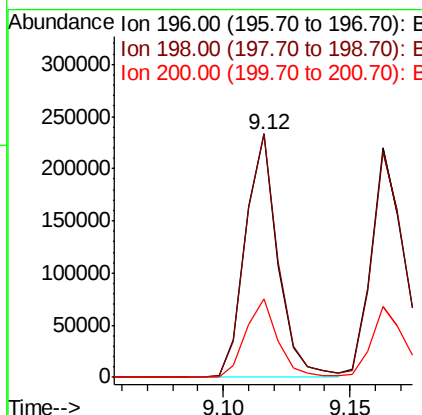
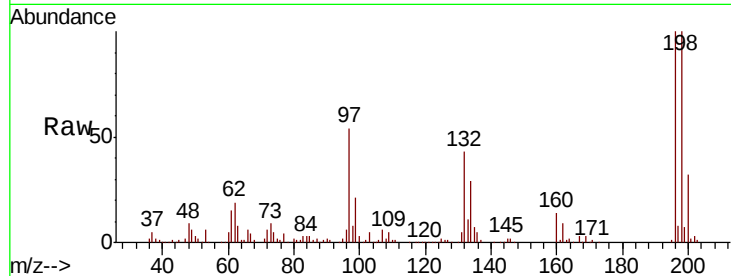
#43
 2,4,6-Trichlorophenol
 Concen: 36.895 ng
 RT: 9.12 min Scan# 1195
 Delta R.T. -0.01 min
 Lab File: BF116066.D
 Acq: 8 Aug 2019 13:56

Instrument :
 BNA_F
 ClientSampleId :
 PB121894BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	209226		
198	99.9	79.2	118.8	
200	32.1	25.2	37.8	

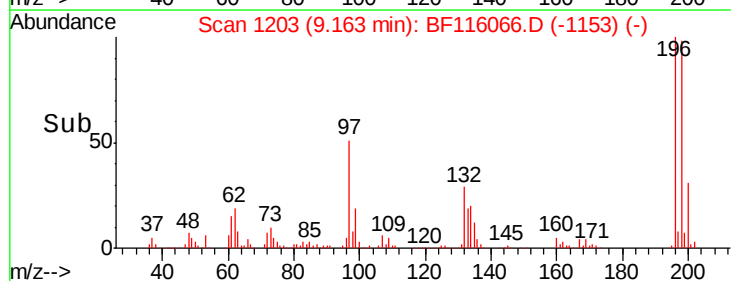
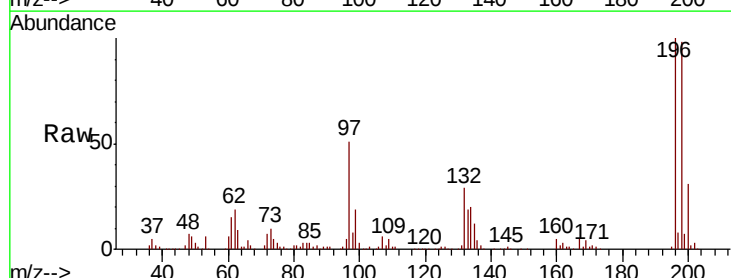
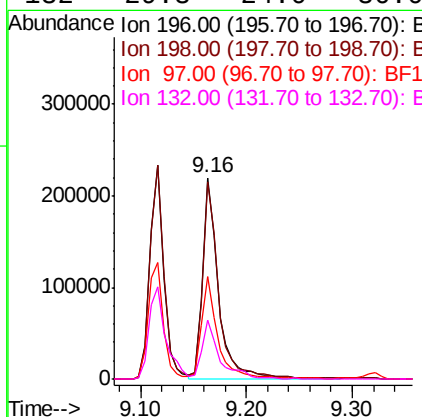
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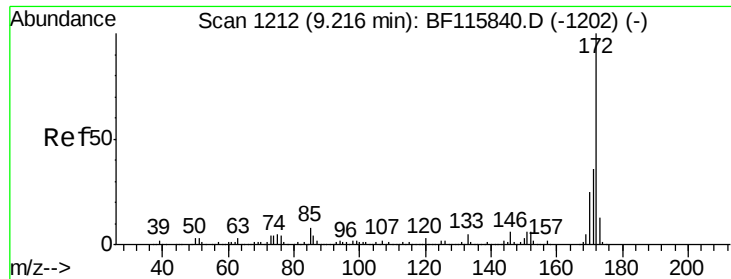
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#44
 2,4,5-Trichlorophenol
 Concen: 38.865 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. -0.01 min
 Lab File: BF116066.D
 Acq: 8 Aug 2019 13:56

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	227830		
198	98.4	78.8	118.2	
97	51.2	42.2	63.4	
132	29.3	24.0	36.0	





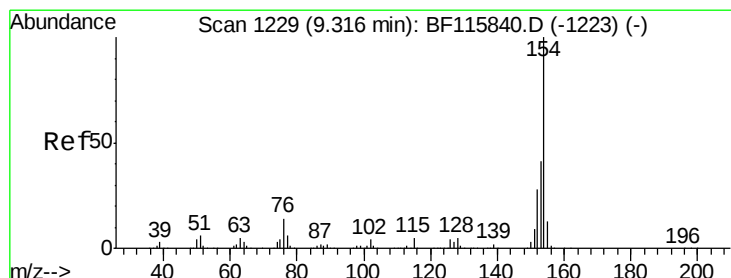
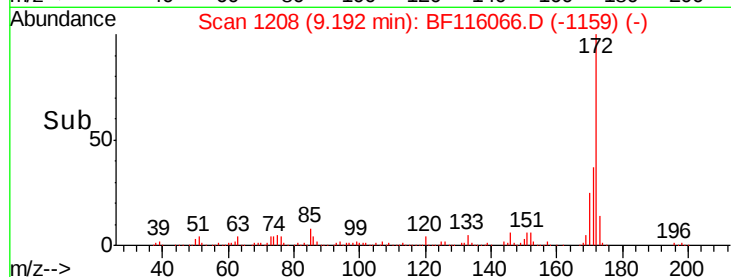
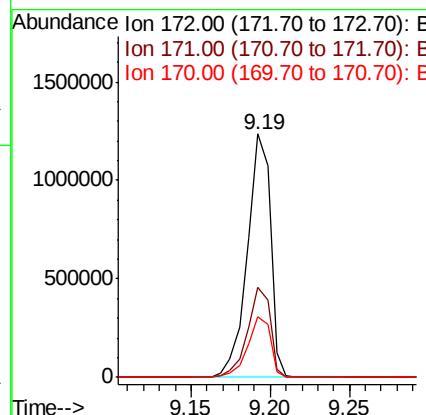
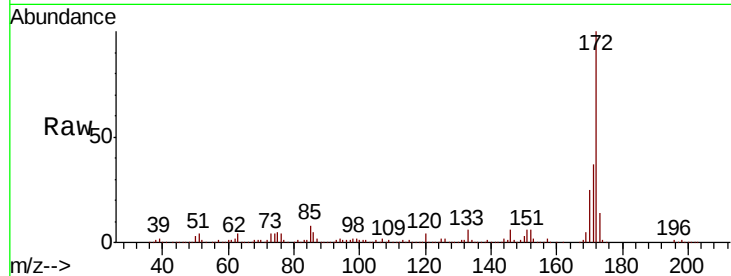
#45
2-Fluorobiphenyl
Concen: 75.859 ng
RT: 9.19 min Scan# 1208
Delta R.T. -0.01 min
Lab File: BF116066.D
Acq: 8 Aug 2019 13:56

Instrument :
BNA_F
ClientSampleId :
PB121894BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.8	29.6	44.4
170	25.1	20.1	30.1

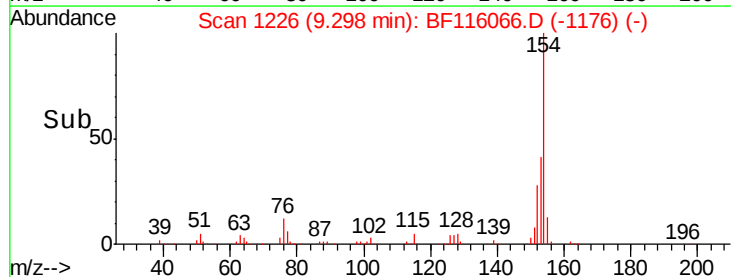
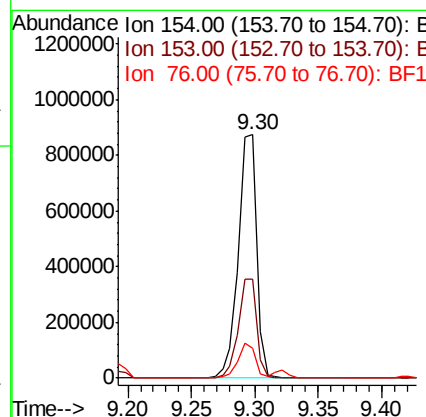
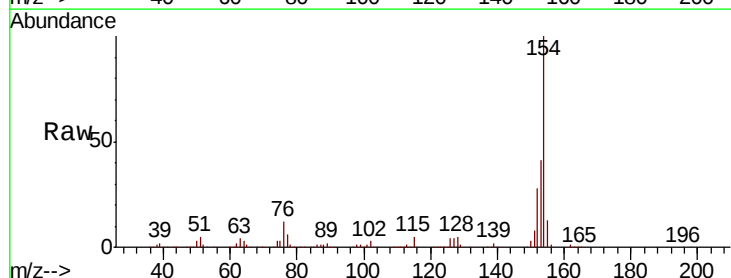
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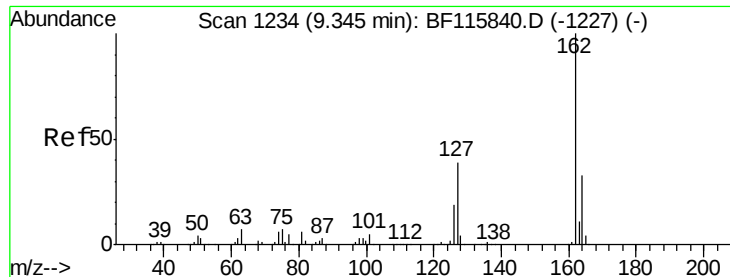
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#46
1,1'-Biphenyl
Concen: 39.758 ng
RT: 9.30 min Scan# 1226
Delta R.T. -0.01 min
Lab File: BF116066.D
Acq: 8 Aug 2019 13:56

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.6	21.4	61.4
76	12.3	0.0	35.2





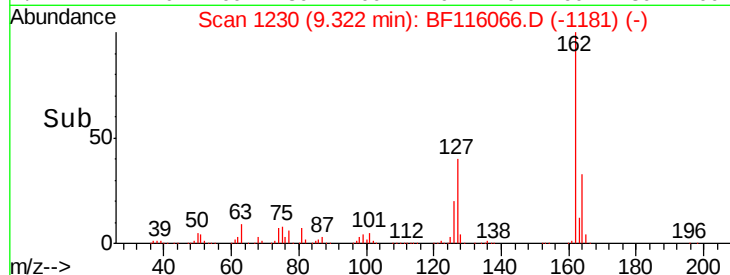
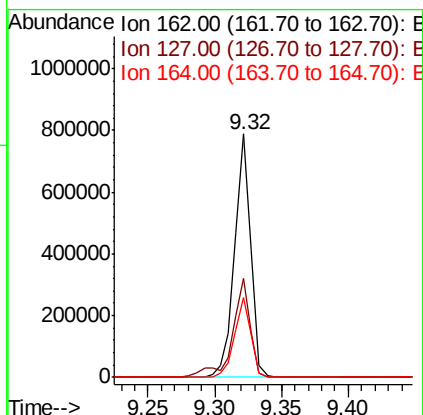
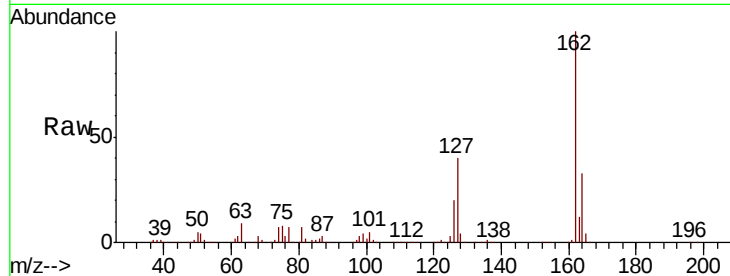
#47
 2-Chloronaphthalene
 Concen: 37.319 ng
 RT: 9.32 min Scan# 1230
 Delta R.T. -0.01 min
 Lab File: BF116066.D
 Acq: 8 Aug 2019 13:56

Instrument :
 BNA_F
 ClientSampled :
 PB121894BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	675796		
127	40.5	32.8	49.2	
164	32.9	26.6	39.8	

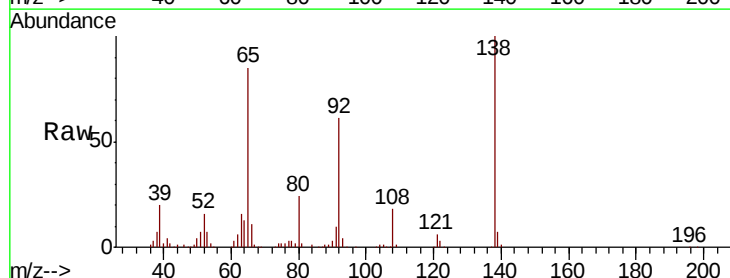
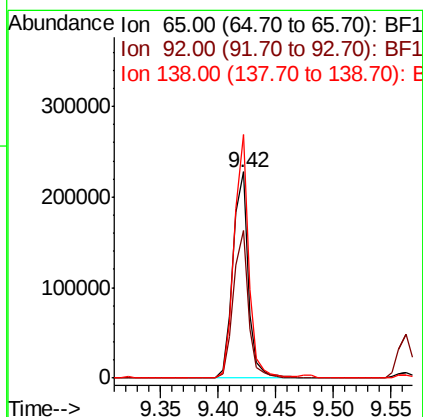
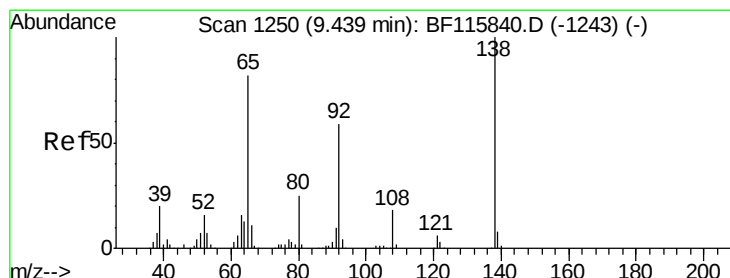
Manual Integrations
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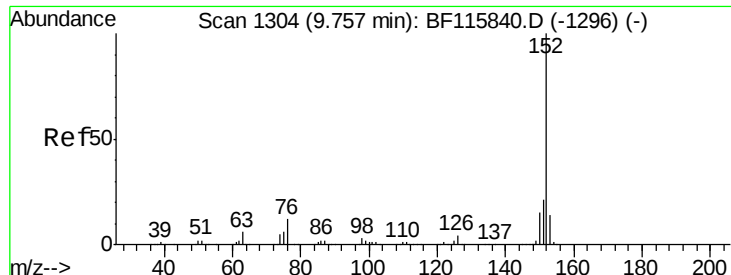
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#48
 2-Nitroaniline
 Concen: 35.320 ng
 RT: 9.42 min Scan# 1247
 Delta R.T. -0.01 min
 Lab File: BF116066.D
 Acq: 8 Aug 2019 13:56

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	211408		
92	71.6	57.8	86.8	
138	118.1	94.0	141.0	





#49

Acenaphthylene

Concen: 39.019 ng

RT: 9.73 min Scan# 1300

Delta R.T. -0.01 min

Lab File: BF116066.D

Acq: 8 Aug 2019 13:56

Instrument :

BNA_F

ClientSampleId :

PB121894BS

Tot Ion:152 Resp: 1030816

Ion Ratio Lower Upper

152 100

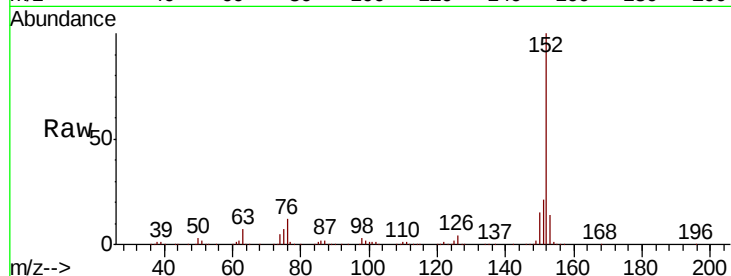
151 20.6 17.2 25.8

153 14.1 11.8 17.8

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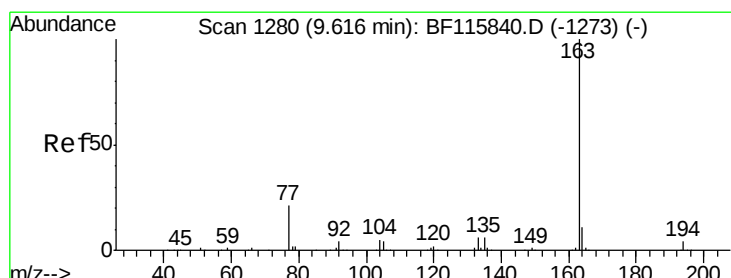
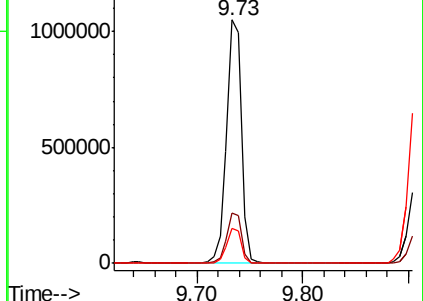
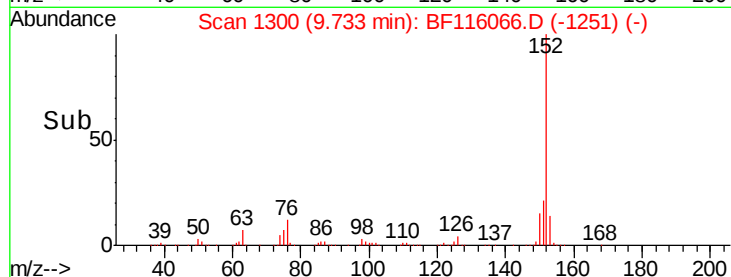
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Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 38.590 ng

RT: 9.60 min Scan# 1277

Delta R.T. -0.01 min

Lab File: BF116066.D

Acq: 8 Aug 2019 13:56

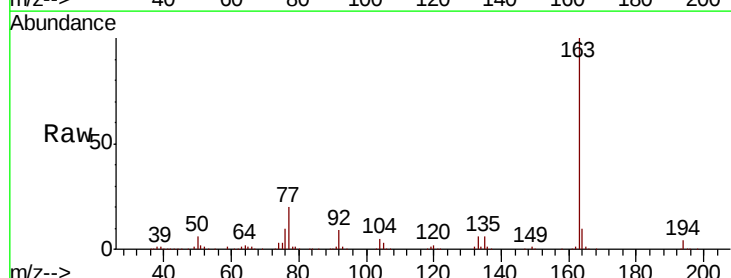
Tgt Ion:163 Resp: 809755

Ion Ratio Lower Upper

163 100

194 3.9 3.0 4.6

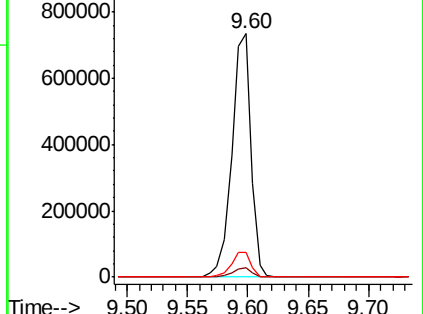
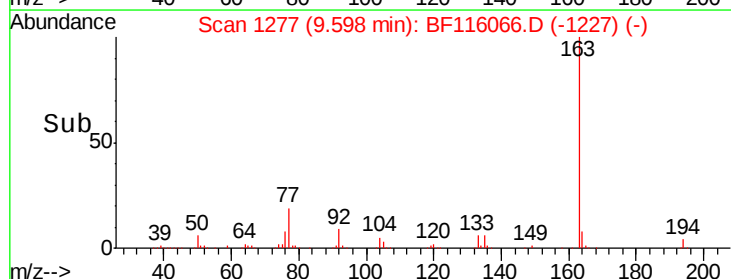
164 10.0 8.4 12.6

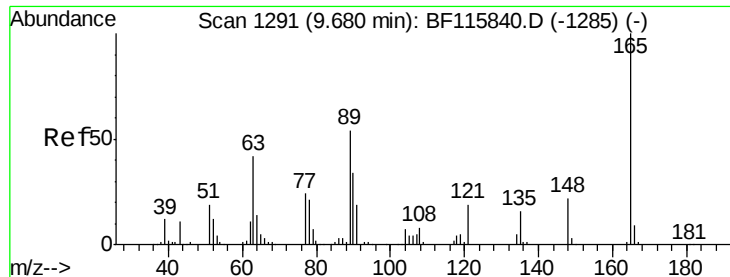


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 38.847 ng

RT: 9.66 min Scan# 1288

Delta R.T. -0.01 min

Lab File: BF116066.D

Acq: 8 Aug 2019 13:56

Instrument :

BNA_F

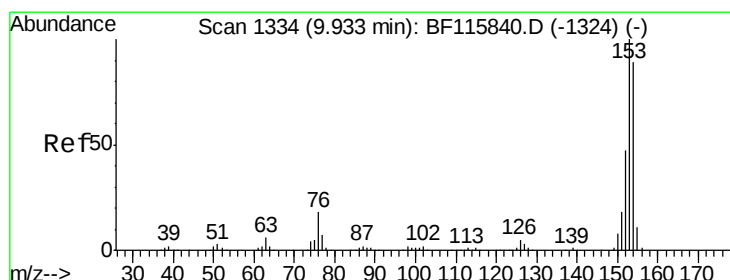
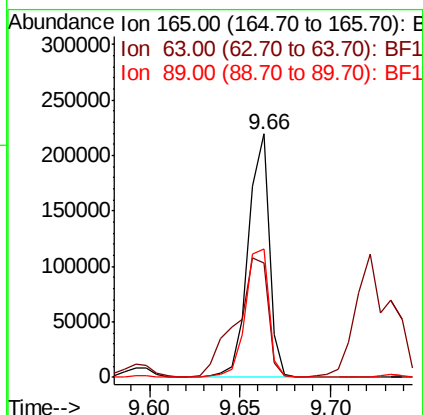
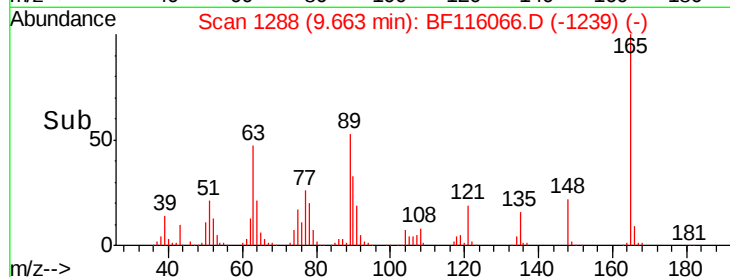
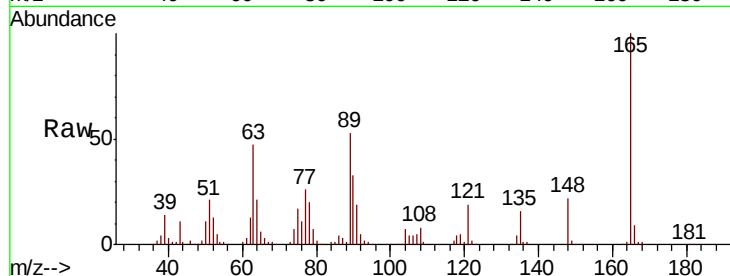
ClientSampled :

PB121894BS

Tot Ion:	165	Resp:	177144
Ion Ratio	Lower	Upper	
165	100		
63	47.0	38.2	57.2
89	52.8	42.9	64.3

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#52

Acenaphthene

Concen: 38.124 ng

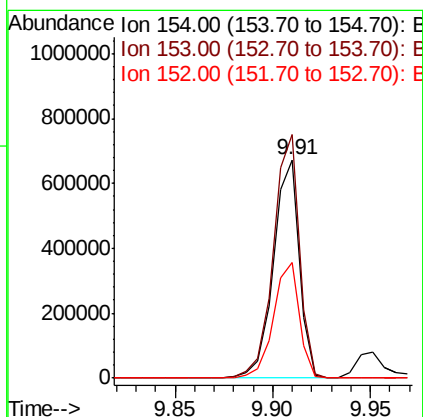
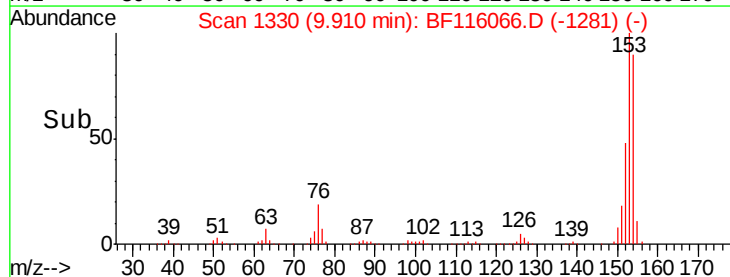
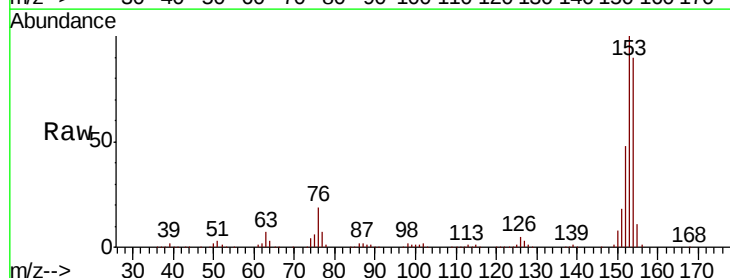
RT: 9.91 min Scan# 1330

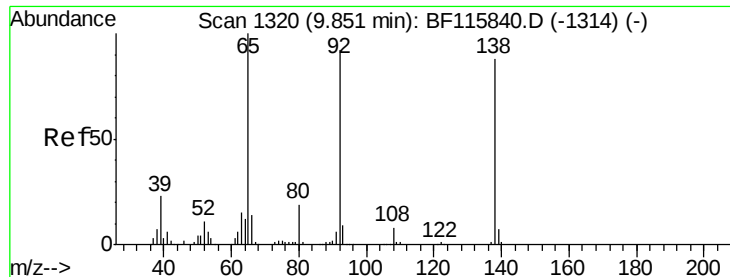
Delta R.T. -0.01 min

Lab File: BF116066.D

Acq: 8 Aug 2019 13:56

Tgt Ion:	154	Resp:	617894
Ion Ratio	Lower	Upper	
154	100		
153	111.4	89.4	134.0
152	52.9	42.3	63.5





#53

3-Nitroaniline

Concen: 25.696 ng

RT: 9.83 min Scan# 1317

Delta R.T. -0.01 min

Lab File: BF116066.D

Acq: 8 Aug 2019 13:56

Instrument :

BNA_F

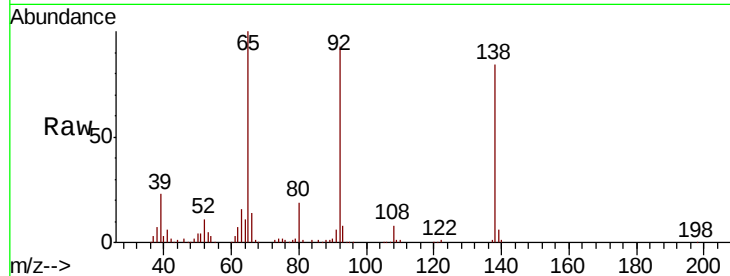
ClientSampleId :

PB121894BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	9.7	8.0	12.0
92	111.2	91.0	136.6

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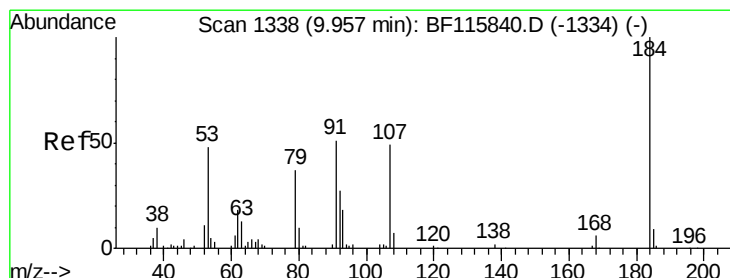
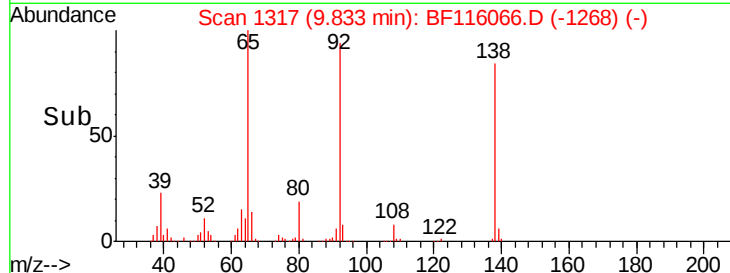
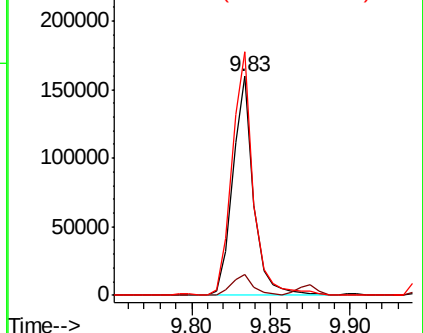


Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#54

2,4-Dinitrophenol

Concen: 64.632 ng

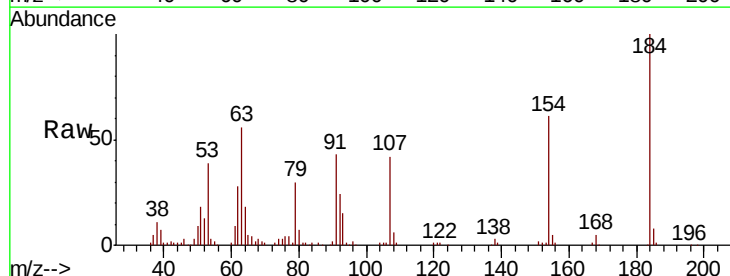
RT: 9.95 min Scan# 1337

Delta R.T. -0.01 min

Lab File: BF116066.D

Acq: 8 Aug 2019 13:56

Tgt Ion	Ratio	Lower	Upper
184	100		
63	56.5	53.0	79.4
154	60.8	50.1	75.1

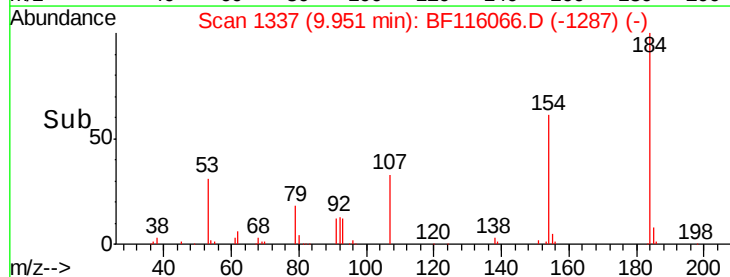
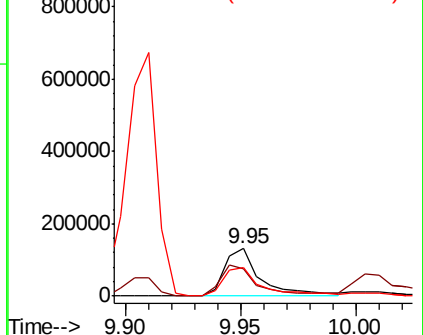


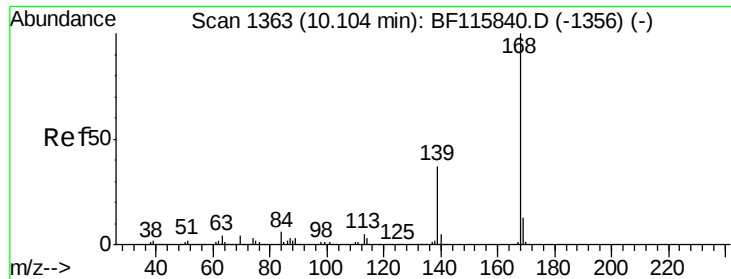
Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E





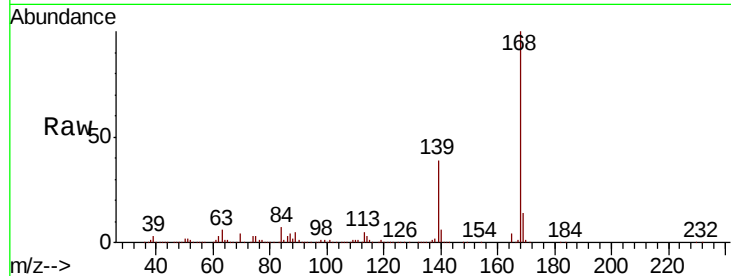
#55
Dibenzofuran
Concen: 38.382 ng
RT: 10.08 min Scan# 1359
Delta R.T. -0.01 min
Lab File: BF116066.D
Acq: 8 Aug 2019 13:56

Instrument :
BNA_F
ClientSampleId :
PB121894BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	39.0	31.4	47.2
169	13.6	10.9	16.3

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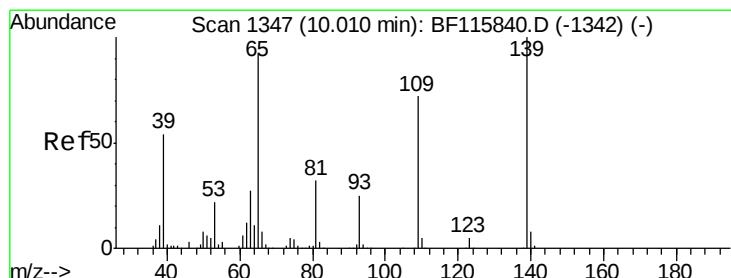
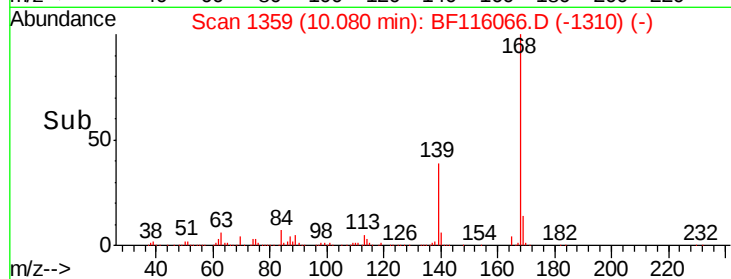
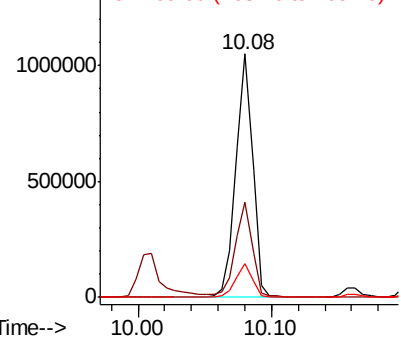


Abundance

Ion 168.00 (167.70 to 168.70): E

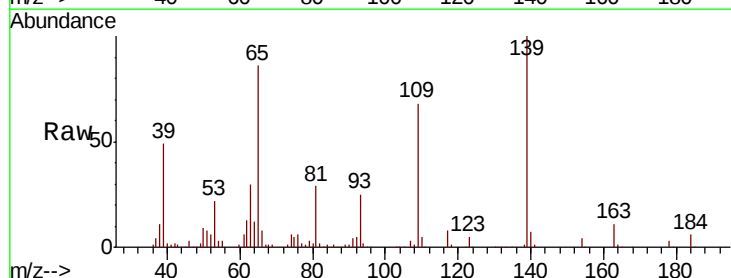
Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56
4-Nitrophenol
Concen: 64.883 ng
RT: 10.01 min Scan# 1347
Delta R.T. -0.00 min
Lab File: BF116066.D
Acq: 8 Aug 2019 13:56

Tgt Ion	Ratio	Lower	Upper
139	100		
109	68.2	54.4	94.4
65	85.7	80.6	120.6

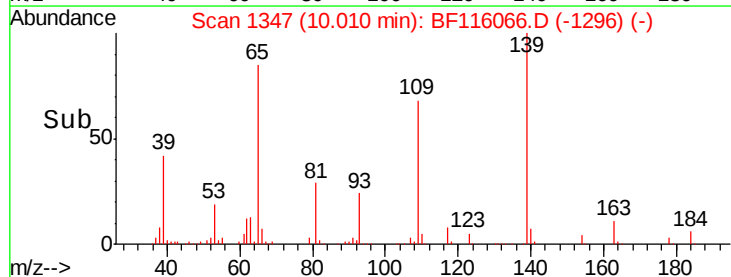
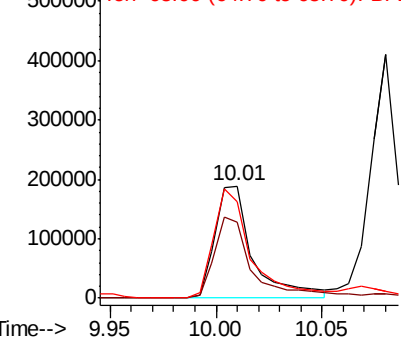


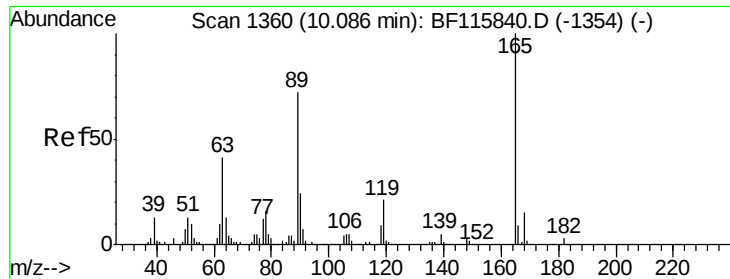
Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





#57

2,4-Dinitrotoluene

Concen: 37.791 ng

RT: 10.07 min Scan# 1357

Delta R.T. -0.01 min

Lab File: BF116066.D

Acq: 8 Aug 2019 13:56

Instrument :

BNA_F

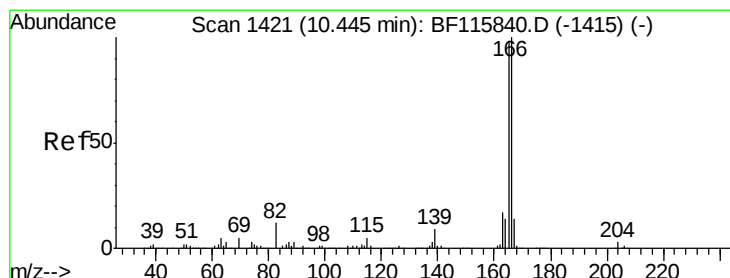
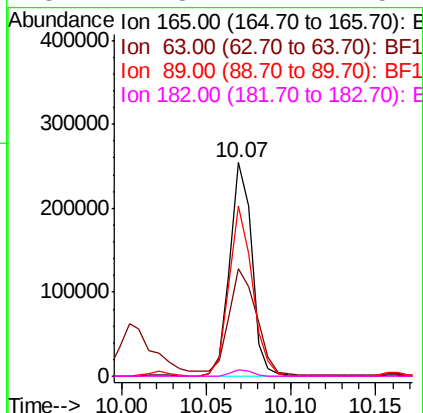
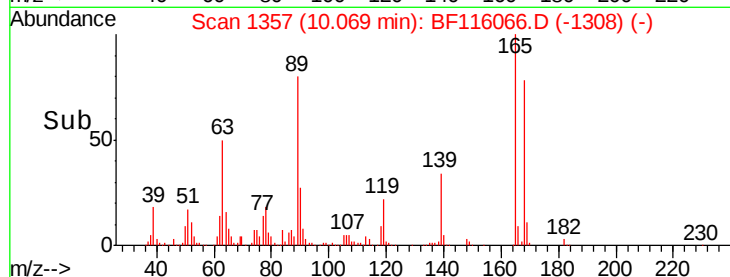
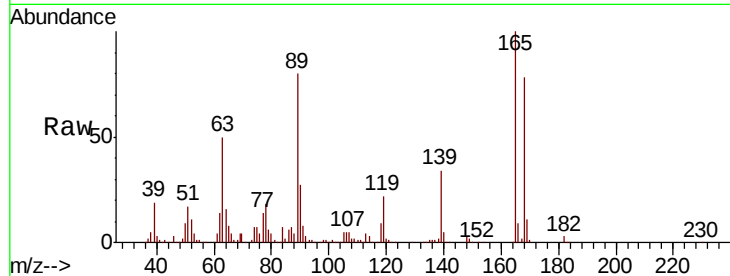
ClientSampleId :

PB121894BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	229441		
63	50.1	39.6	59.4	
89	79.9	62.2	93.2	
182	2.8	2.1	3.1	

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#58

Fluorene

Concen: 39.212 ng

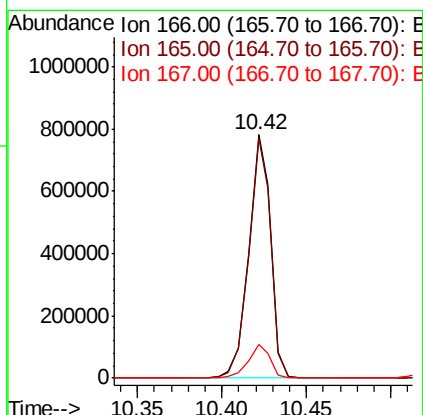
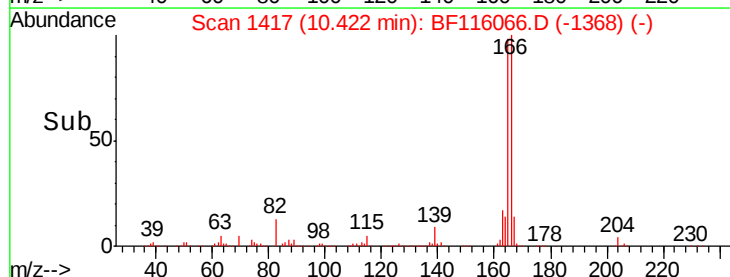
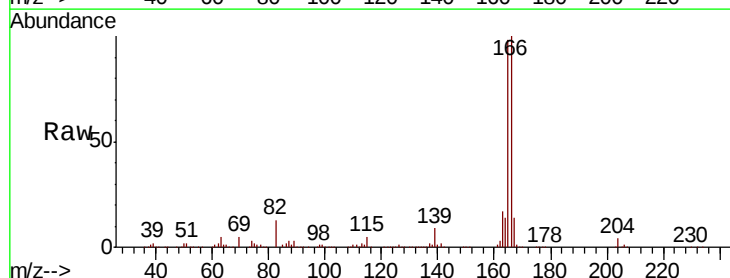
RT: 10.42 min Scan# 1417

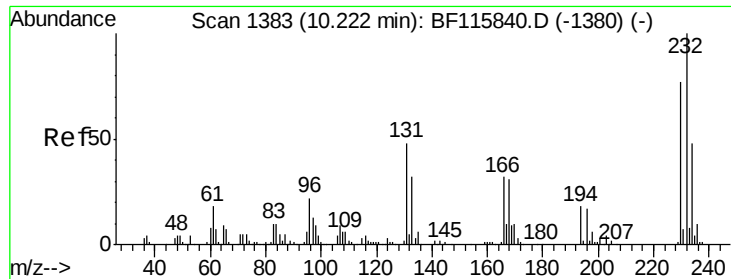
Delta R.T. -0.01 min

Lab File: BF116066.D

Acq: 8 Aug 2019 13:56

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	711076		
165	98.3	78.4	117.6	
167	13.8	11.0	16.4	





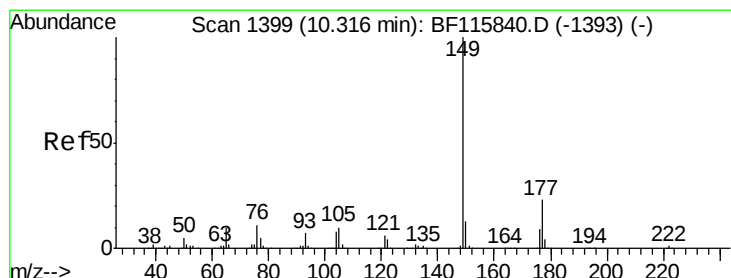
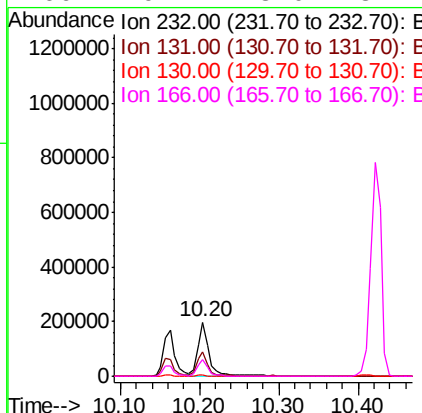
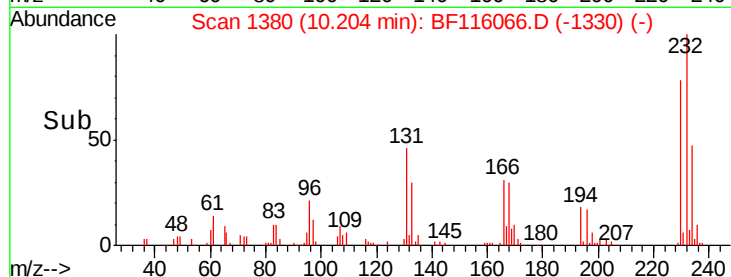
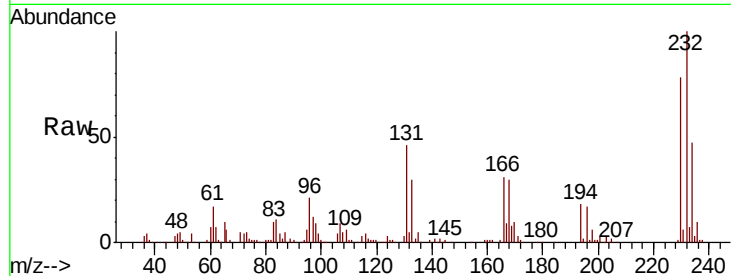
#59
2,3,4,6-Tetrachlorophenol
Concen: 40.002 ng
RT: 10.20 min Scan# 1380
Delta R.T. -0.01 min
Lab File: BF116066.D
Acq: 8 Aug 2019 13:56

Instrument :
BNA_F
ClientSampleId :
PB121894BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
232	100		197282		
131	44.5	36.2	54.2		
130	2.4	1.9	2.9		
166	29.2	23.0	34.4		

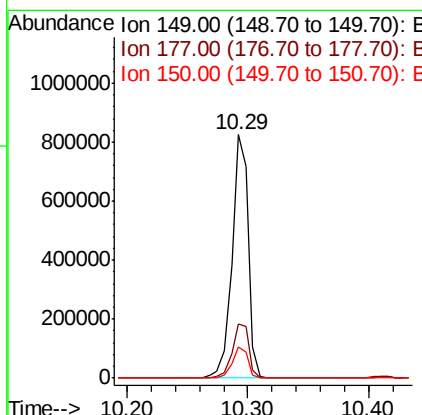
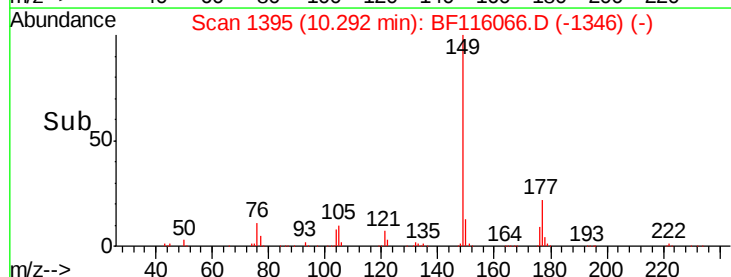
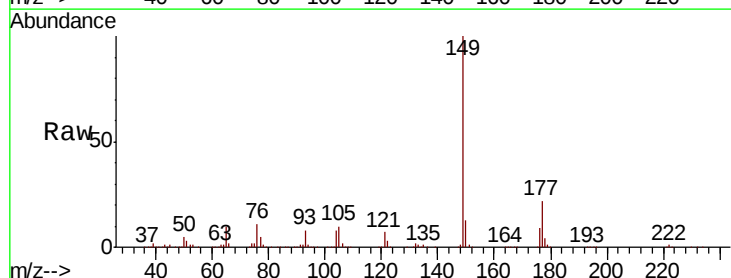
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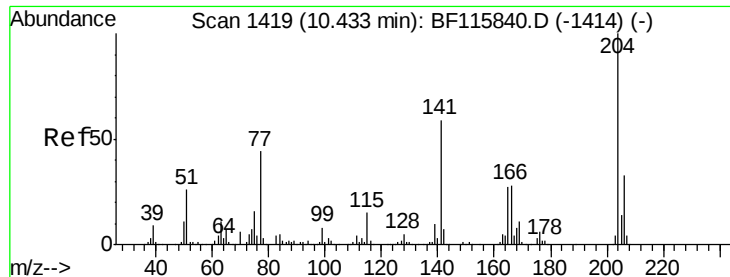
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#60
Diethylphthalate
Concen: 39.122 ng
RT: 10.29 min Scan# 1395
Delta R.T. -0.01 min
Lab File: BF116066.D
Acq: 8 Aug 2019 13:56

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
149	100		766420		
177	22.4	18.8	28.2		
150	12.7	10.2	15.4		





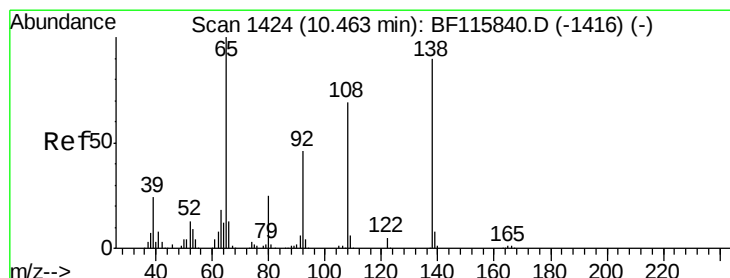
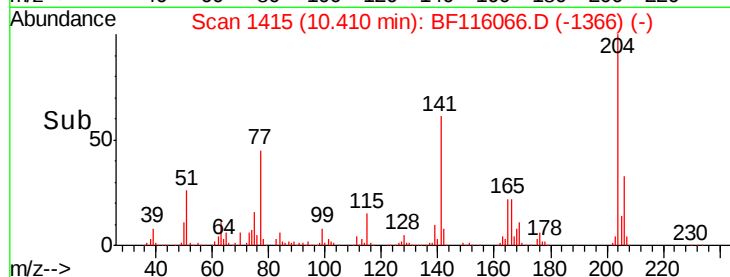
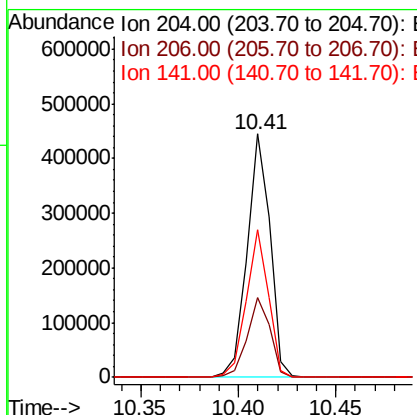
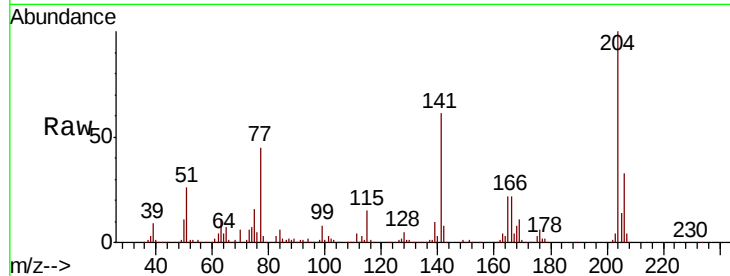
#61
 4-Chlorophenyl-phenylether
 Concen: 39.352 ng
 RT: 10.41 min Scan# 1415
 Delta R.T. -0.01 min
 Lab File: BF116066.D
 Acq: 8 Aug 2019 13:56

Instrument :
 BNA_F
 ClientSampleId :
 PB121894BS

Tot Ion:	204	Resp:	361409
Ion Ratio	Lower	Upper	
204	100		
206	32.8	26.4	39.6
141	60.6	46.4	69.6

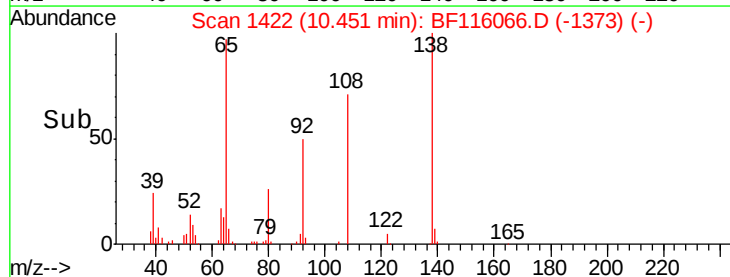
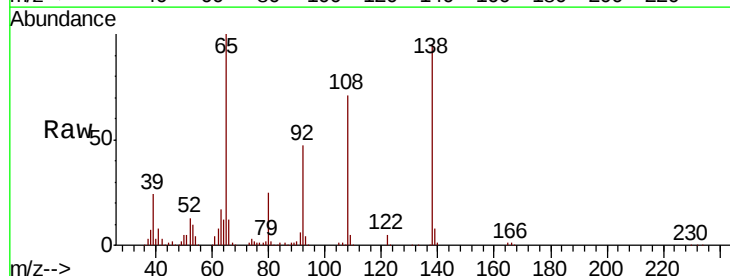
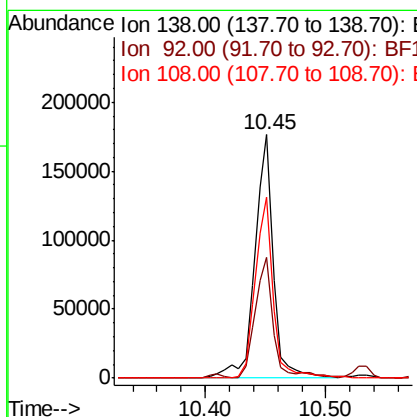
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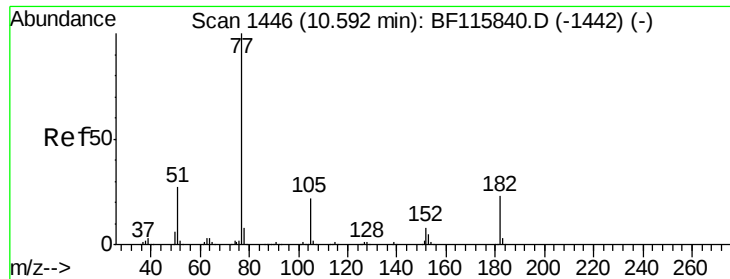
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#62
 4-Nitroaniline
 Concen: 32.541 ng
 RT: 10.45 min Scan# 1422
 Delta R.T. -0.01 min
 Lab File: BF116066.D
 Acq: 8 Aug 2019 13:56

Tgt Ion:	138	Resp:	189488
Ion Ratio	Lower	Upper	
138	100		
92	49.7	29.0	69.0
108	74.2	54.7	94.7





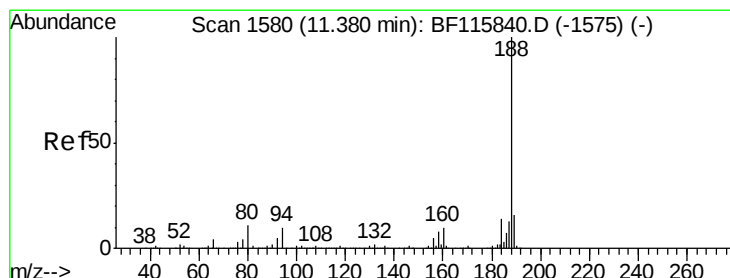
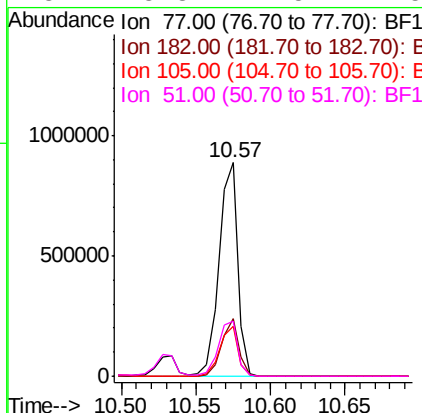
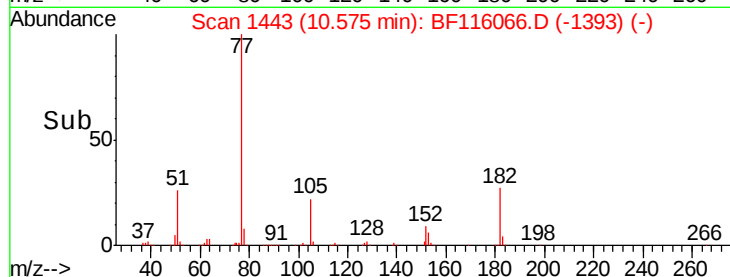
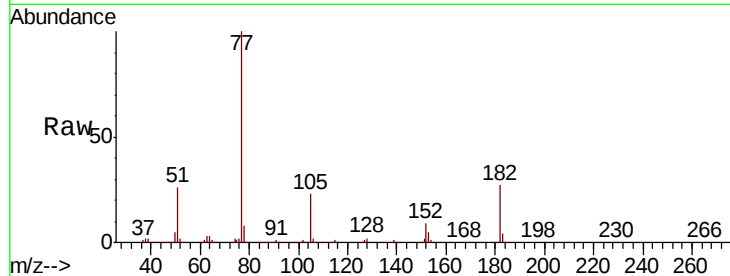
#63
Azobenzene
Concen: 38.909 ng
RT: 10.57 min Scan# 1443
Delta R.T. -0.01 min
Lab File: BF116066.D
Acq: 8 Aug 2019 13:56

Instrument :
BNA_F
ClientSampled :
PB121894BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
182	27.2	4.0	44.0		
105	23.1	2.0	42.0		
51	25.8	7.5	47.5		

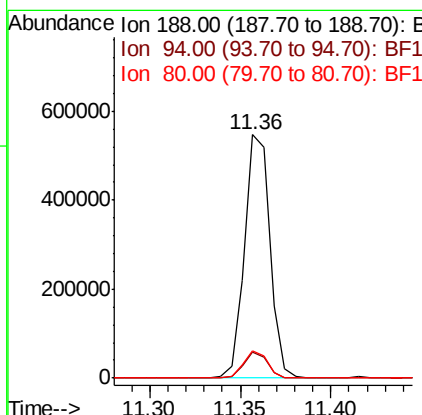
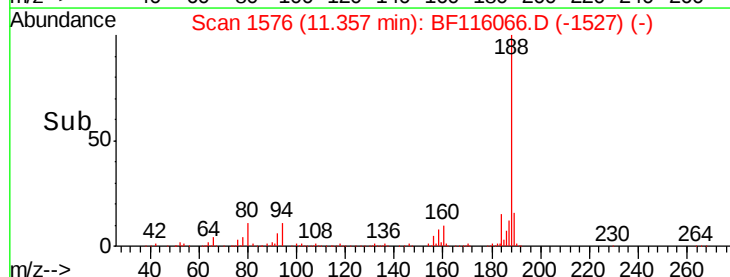
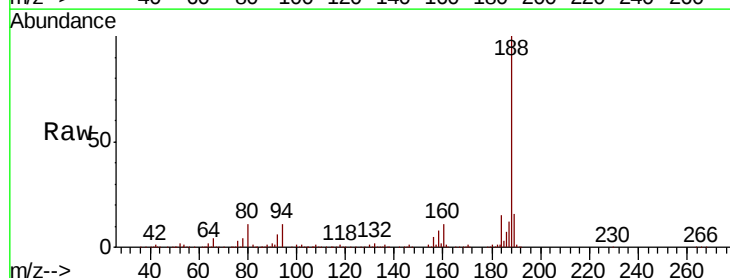
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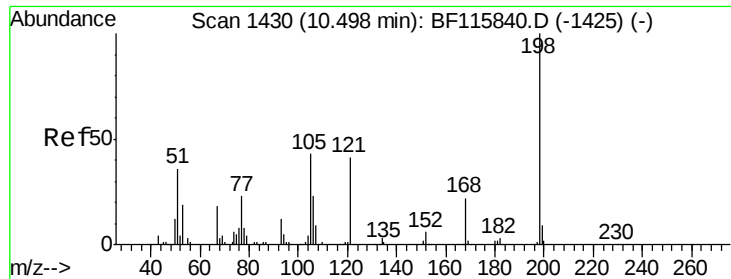
Sohil
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1576
Delta R.T. -0.01 min
Lab File: BF116066.D
Acq: 8 Aug 2019 13:56

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100				
94	10.8	8.1	12.1		
80	11.4	8.7	13.1		





#65

4,6-Dinitro-2-methylphenol

Concen: 40.285 ng

RT: 10.49 min Scan# 1428

Delta R.T. -0.01 min

Lab File: BF116066.D

Acq: 8 Aug 2019 13:56

Instrument :

BNA_F

ClientSampleId :

PB121894BS

Tot Ion:198 Resp: 113693

Ion Ratio Lower Upper

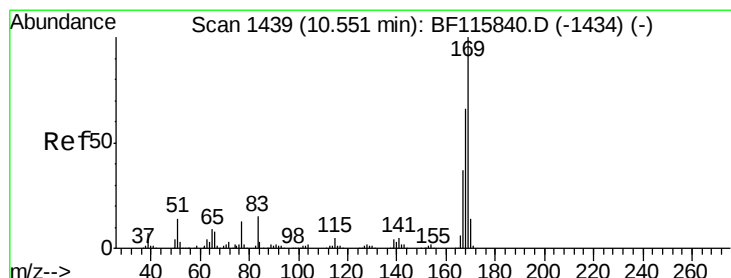
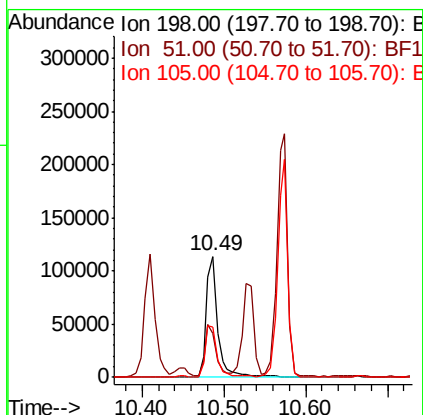
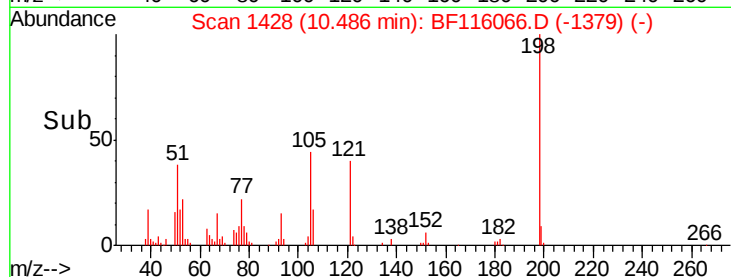
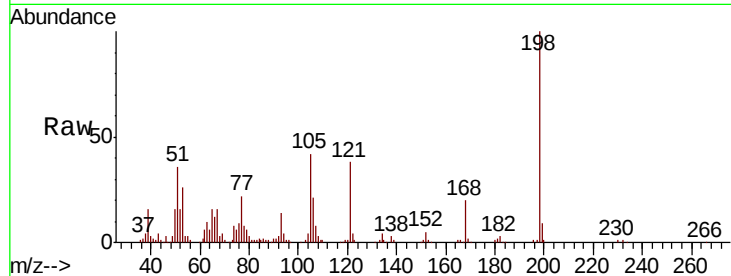
198 100

51 36.4 17.0 57.0

105 41.6 21.6 61.6

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#66

n-Nitrosodiphenylamine

Concen: 40.232 ng

RT: 10.53 min Scan# 1436

Delta R.T. -0.01 min

Lab File: BF116066.D

Acq: 8 Aug 2019 13:56

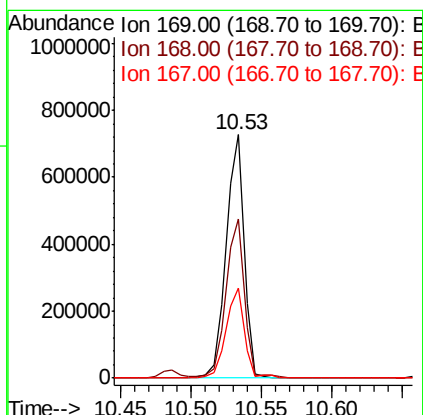
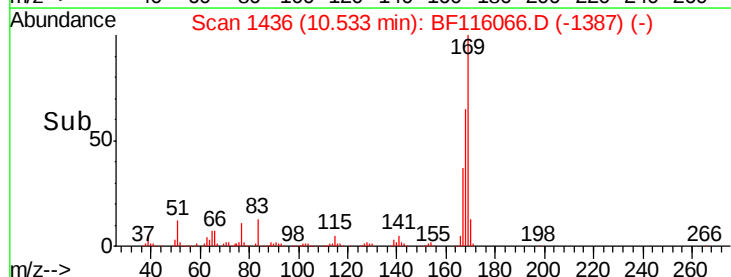
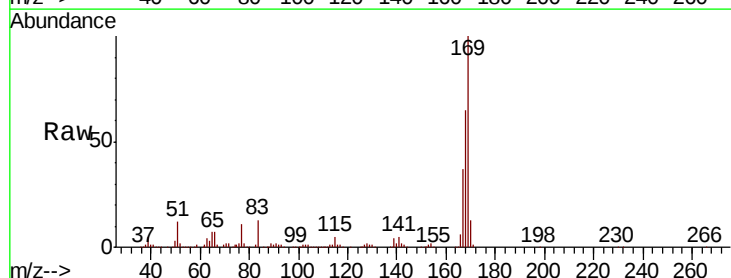
Tgt Ion:169 Resp: 644896

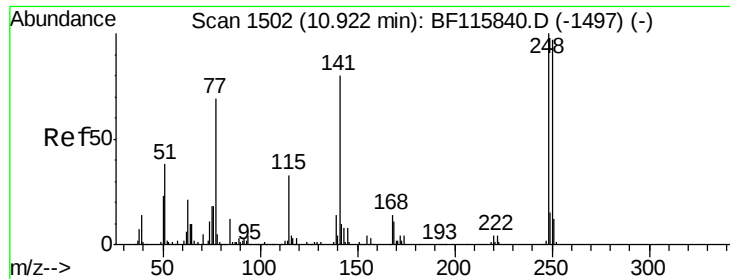
Ion Ratio Lower Upper

169 100

168 65.2 53.8 80.6

167 36.7 29.6 44.4





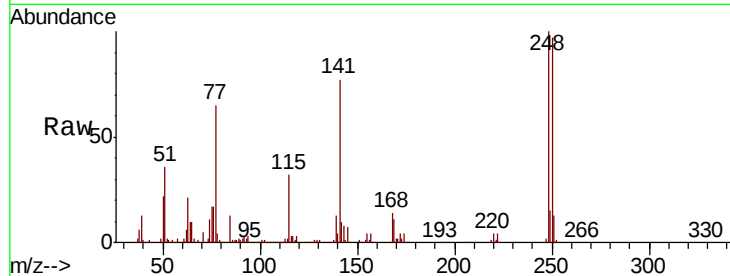
#67
4-Bromophenyl-phenylether
Concen: 39.303 ng
RT: 10.90 min Scan# 1498
Delta R.T. -0.01 min
Lab File: BF116066.D
Acq: 8 Aug 2019 13:56

Instrument :
BNA_F
ClientSampleId :
PB121894BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.0	77.4	116.2
141	77.2	56.8	85.2

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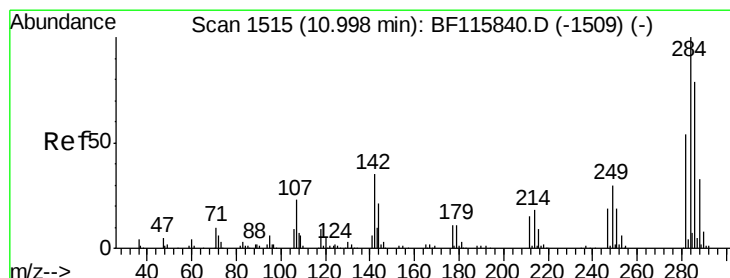
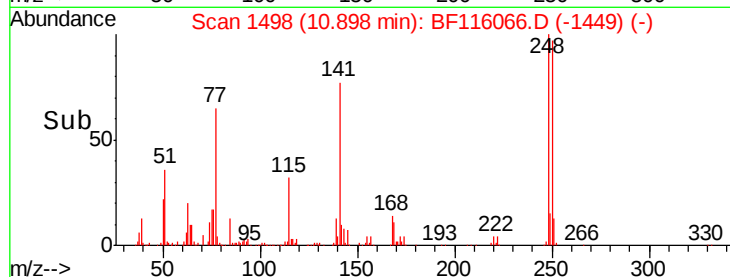
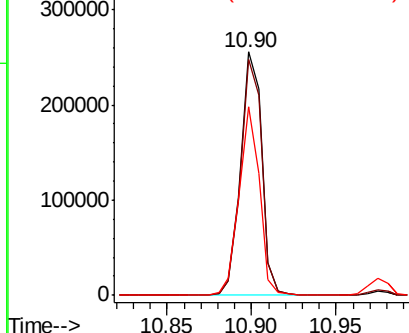


Abundance

Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 37.767 ng
RT: 10.97 min Scan# 1511
Delta R.T. -0.01 min
Lab File: BF116066.D
Acq: 8 Aug 2019 13:56

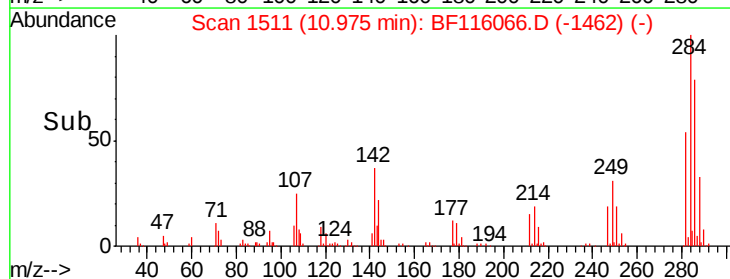
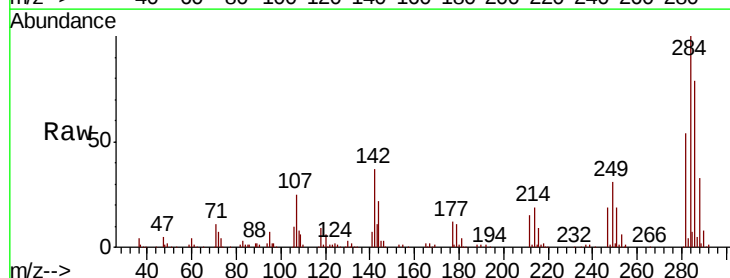
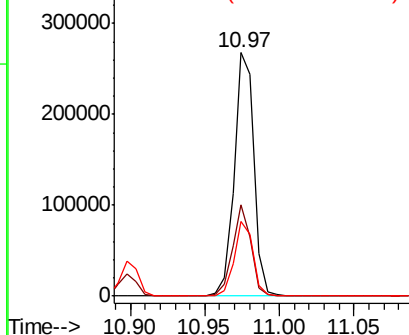
Tgt Ion	Ratio	Lower	Upper
284	100		
142	37.5	28.4	42.6
249	30.9	24.5	36.7

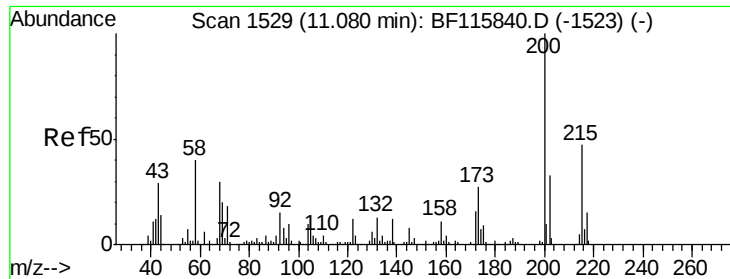
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





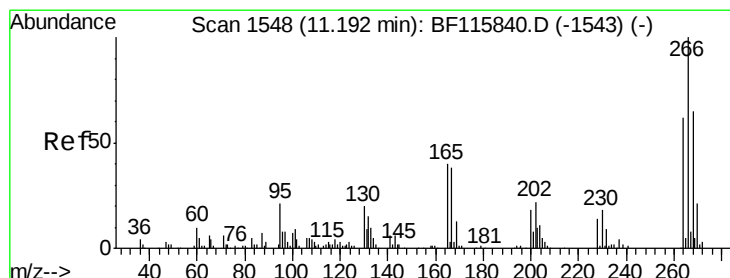
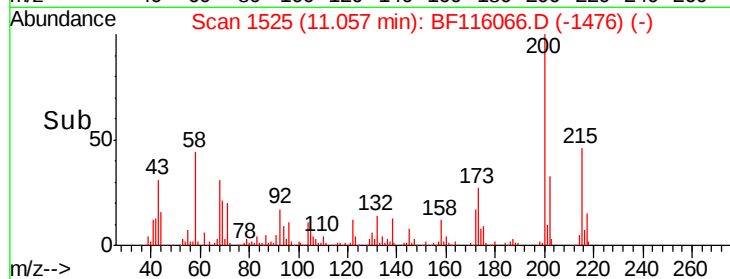
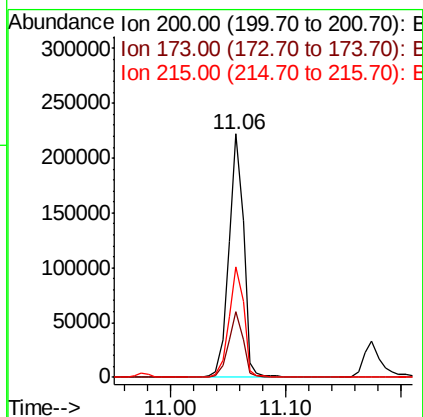
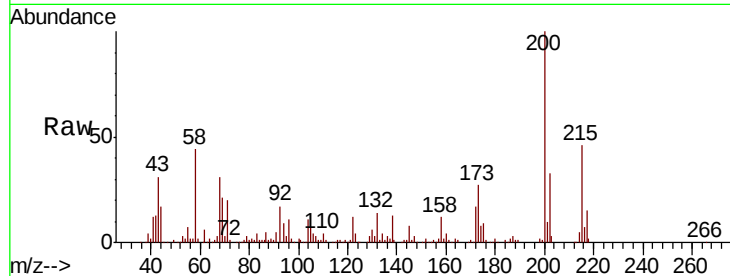
#69
 Atrazine
 Concen: 37.300 ng
 RT: 11.06 min Scan# 1525
 Delta R.T. -0.01 min
 Lab File: BF116066.D
 Acq: 8 Aug 2019 13:56

Instrument :
 BNA_F
 ClientSampleId :
 PB121894BS

Tot Ion	Ratio	Resp	Lower	Upper
200	100	196694		
173	26.8	6.8	46.8	
215	45.6	27.5	67.5	

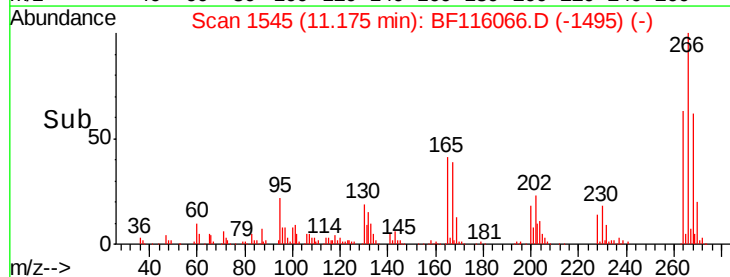
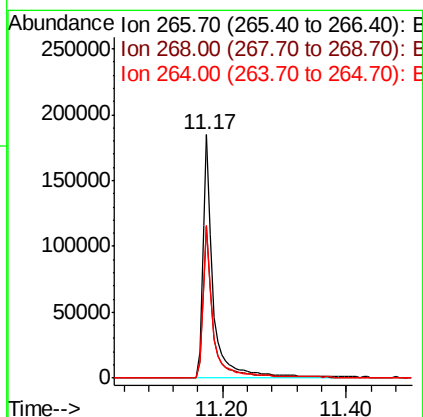
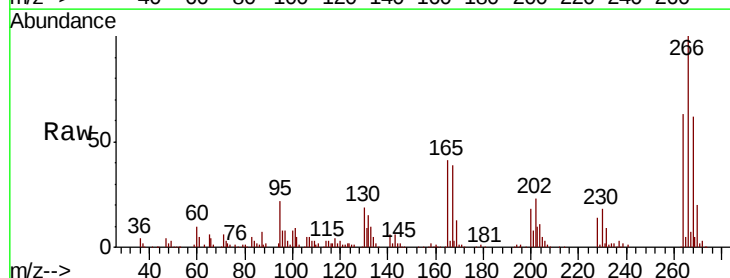
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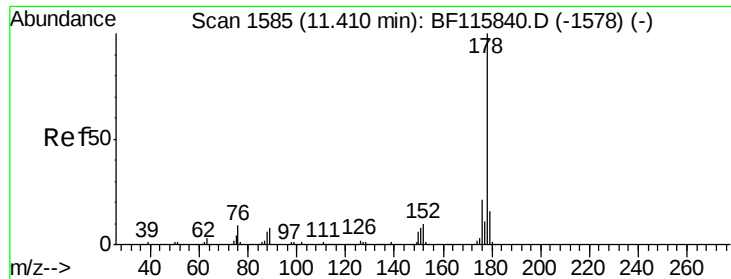
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#70
 Pentachlorophenol
 Concen: 69.999 ng
 RT: 11.17 min Scan# 1545
 Delta R.T. -0.01 min
 Lab File: BF116066.D
 Acq: 8 Aug 2019 13:56

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	224033		
268	62.3	48.8	73.2	
264	62.5	50.6	76.0	





#71

Phenanthrene

Concen: 38.774 ng

RT: 11.39 min Scan# 1581

Delta R.T. -0.01 min

Lab File: BF116066.D

Acq: 8 Aug 2019 13:56

Instrument :

BNA_F

ClientSampleId :

PB121894BS

Tot Ion:178 Resp: 1055646

Ion Ratio Lower Upper

178 100

176 20.3 16.6 24.8

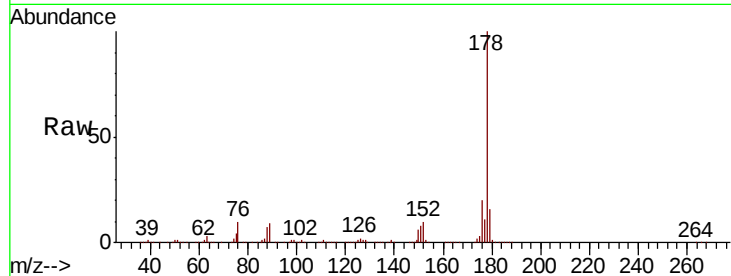
179 15.8 12.5 18.7

Manual Integrations

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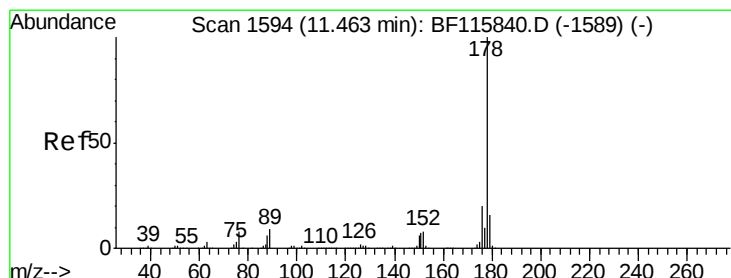
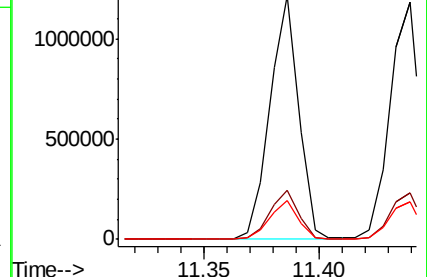
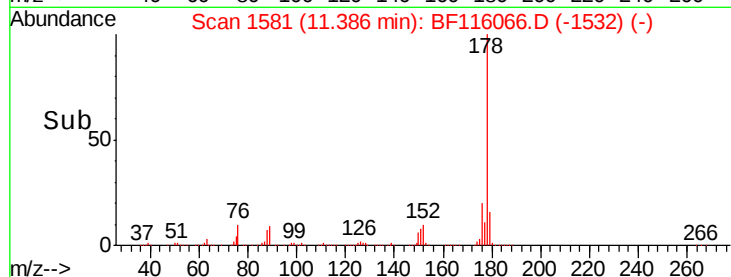
8/13/2019 7:17:03 AM



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 39.682 ng

RT: 11.44 min Scan# 1590

Delta R.T. -0.01 min

Lab File: BF116066.D

Acq: 8 Aug 2019 13:56

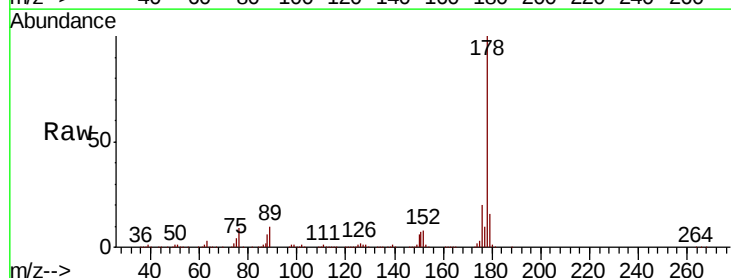
Tgt Ion:178 Resp: 1093377

Ion Ratio Lower Upper

178 100

176 19.8 15.7 23.5

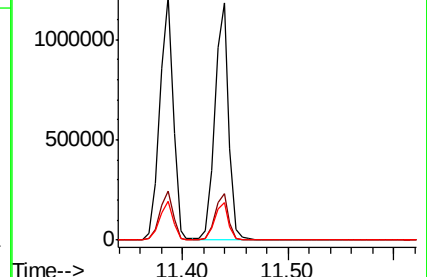
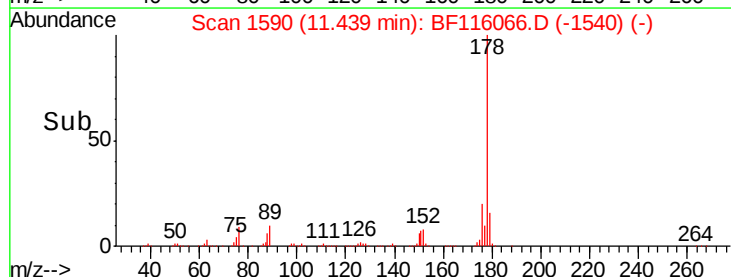
179 15.6 13.0 19.6

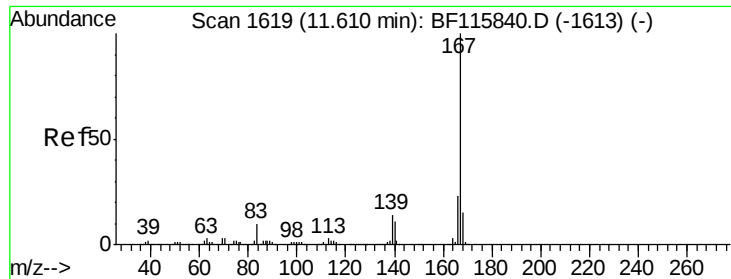


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





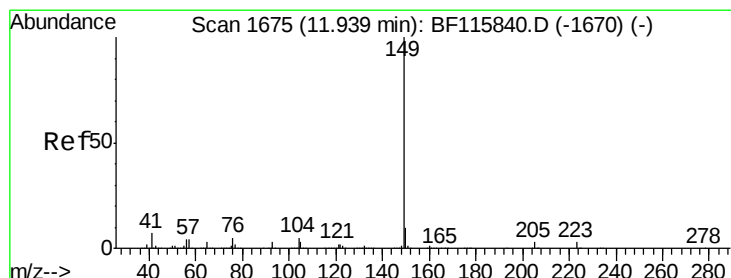
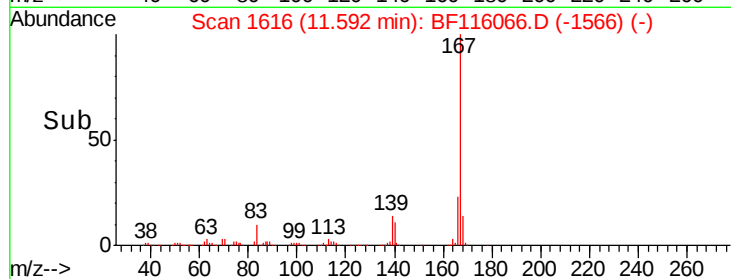
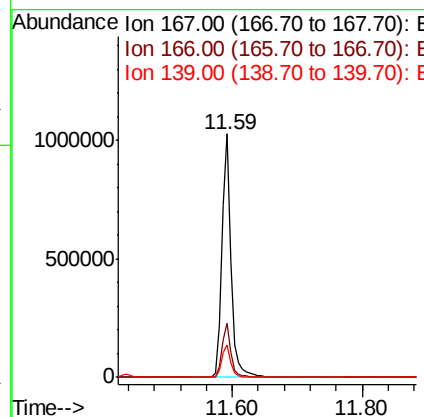
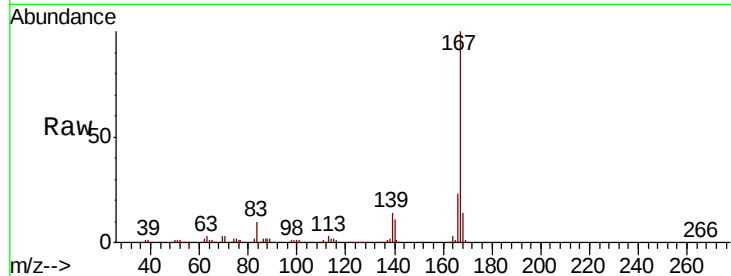
#73
 Carbazole
 Concen: 39.502 ng
 RT: 11.59 min Scan# 1616
 Delta R.T. -0.01 min
 Lab File: BF116066.D
 Acq: 8 Aug 2019 13:56

Instrument :
 BNA_F
 ClientSampled :
 PB121894BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.5	17.8	26.6
139	13.5	11.4	17.0

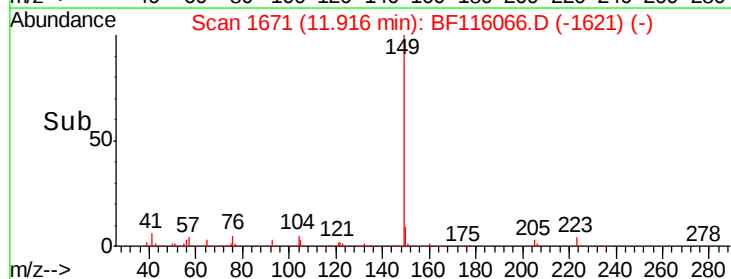
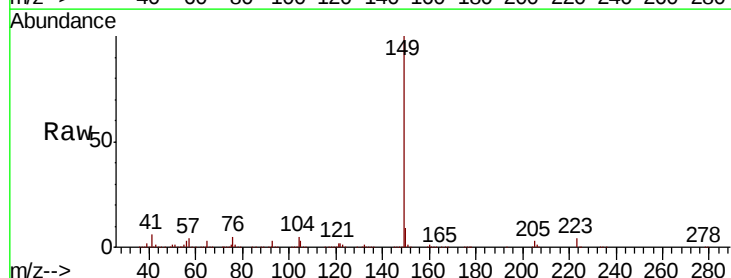
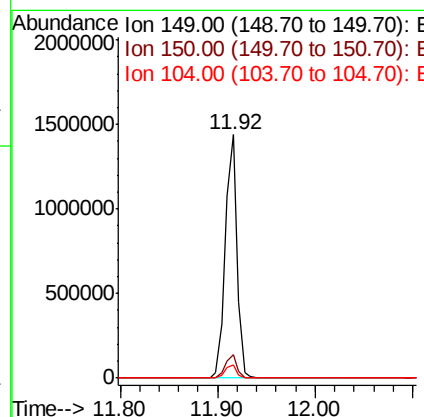
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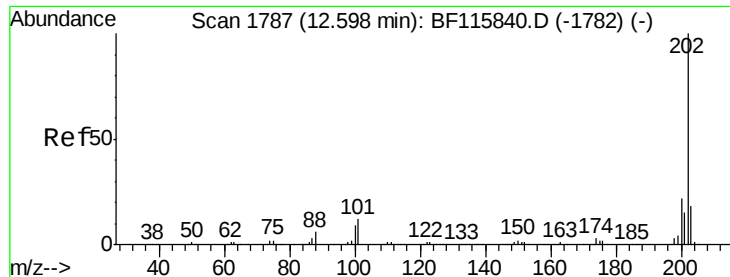
Sohil
 8/13/2019 7:17:03 AM



#74
 Di-n-butylphthalate
 Concen: 40.912 ng
 RT: 11.92 min Scan# 1671
 Delta R.T. -0.01 min
 Lab File: BF116066.D
 Acq: 8 Aug 2019 13:56

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.4	8.0	12.0
104	5.2	4.5	6.7





#75

Fluoranthene

Concen: 38.828 ng

RT: 12.57 min Scan# 1783

Delta R.T. -0.01 min

Lab File: BF116066.D

Acq: 8 Aug 2019 13:56

Instrument :

BNA_F

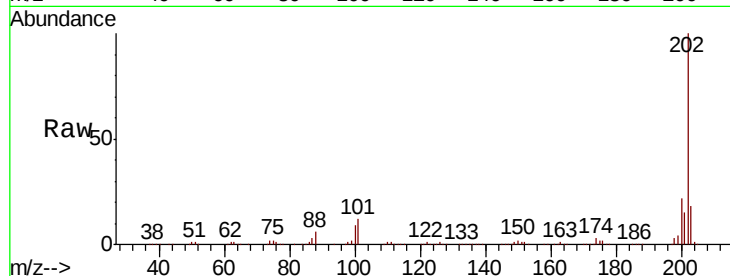
ClientSampleId :

PB121894BS

Tot Ion:	202	Resp:	1106691
Ion Ratio	Lower	Upper	
202	100		
101	12.5	0.0	31.2
203	18.2	0.0	37.8

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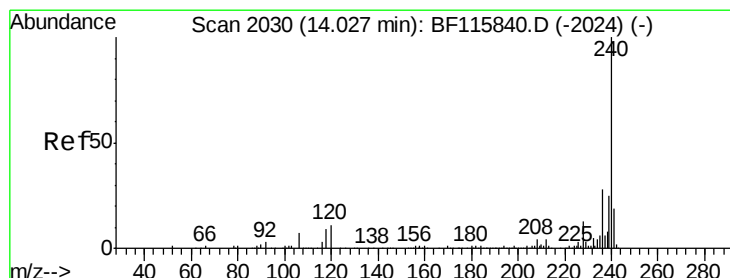
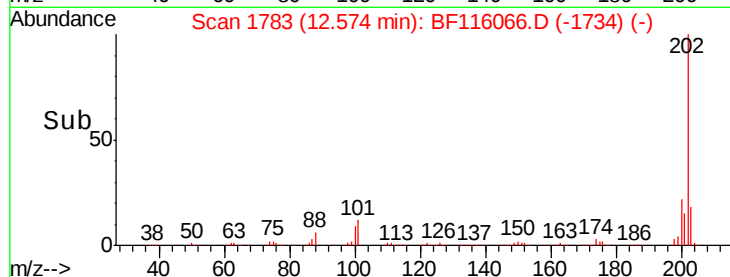
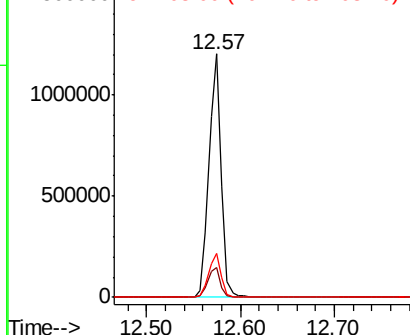


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

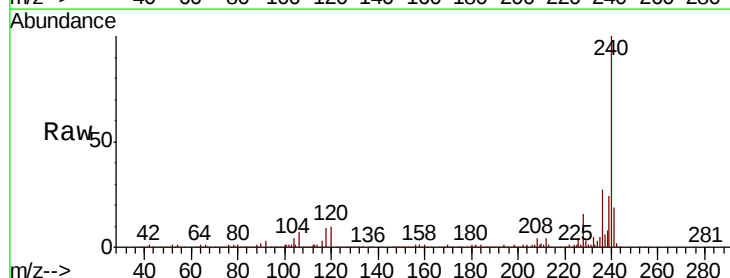
RT: 14.00 min Scan# 2026

Delta R.T. -0.01 min

Lab File: BF116066.D

Acq: 8 Aug 2019 13:56

Tgt Ion:	240	Resp:	378055
Ion Ratio	Lower	Upper	
240	100		
120	10.2	10.7	16.1#
236	27.3	22.2	33.2

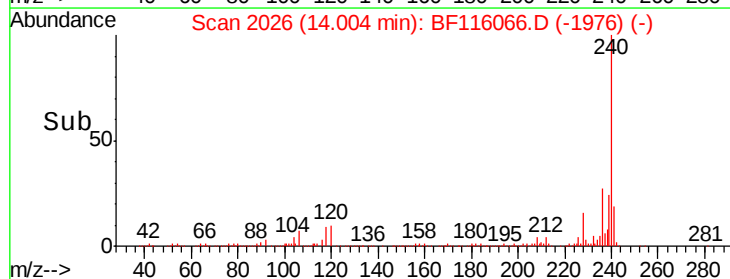
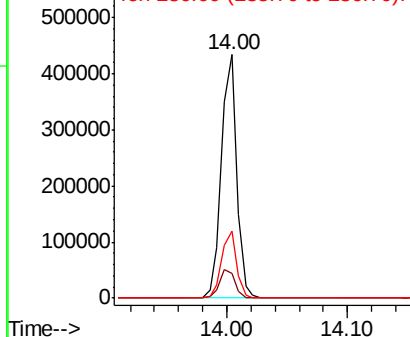


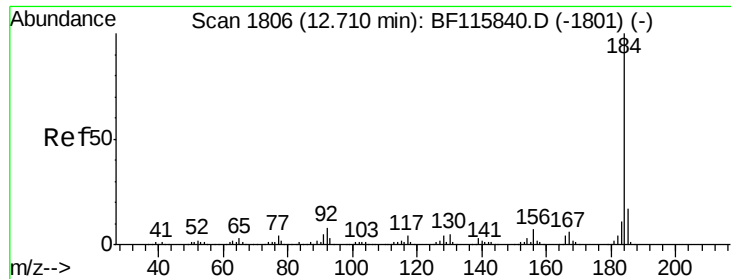
Abundance

Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 24.087 ng

RT: 12.69 min Scan# 1803

Delta R.T. -0.01 min

Lab File: BF116066.D

Acq: 8 Aug 2019 13:56

Instrument :

BNA_F

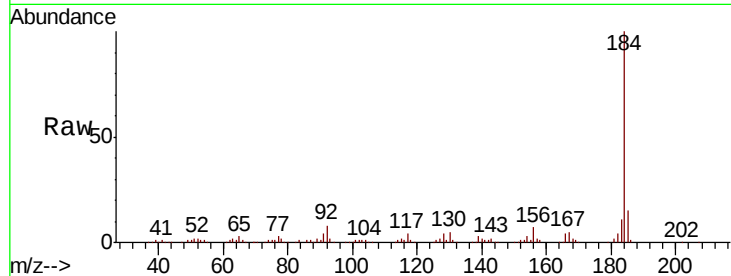
ClientSampleId :

PB121894BS

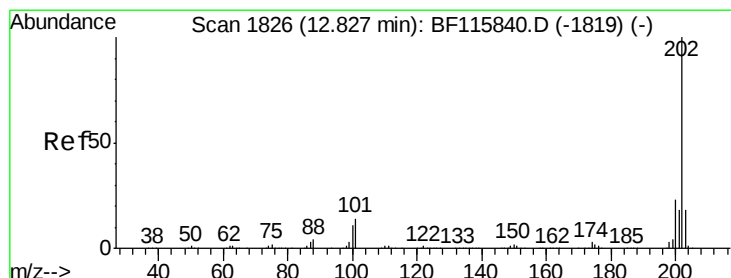
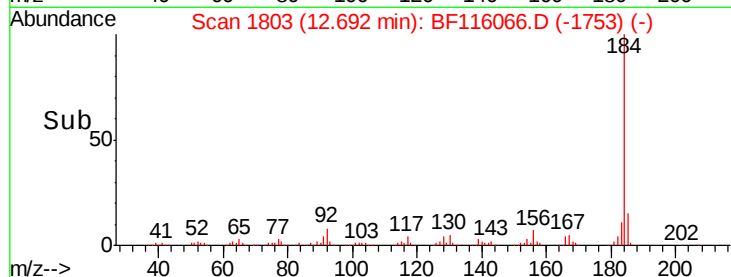
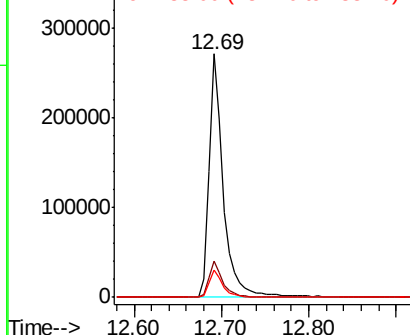
Tot Ion:	184	Resp:	307640
Ion Ratio	Lower	Upper	
184	100		
185	15.0	12.8	19.2
183	11.5	9.4	14.0

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Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 39.772 ng

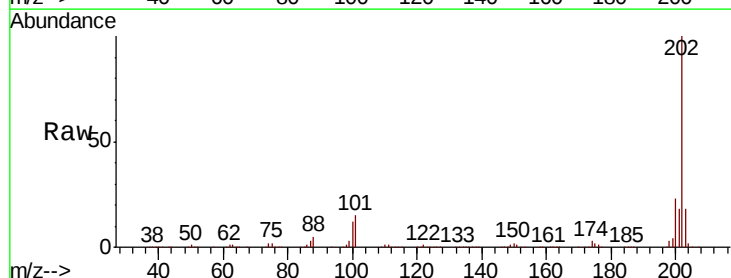
RT: 12.80 min Scan# 1822

Delta R.T. -0.01 min

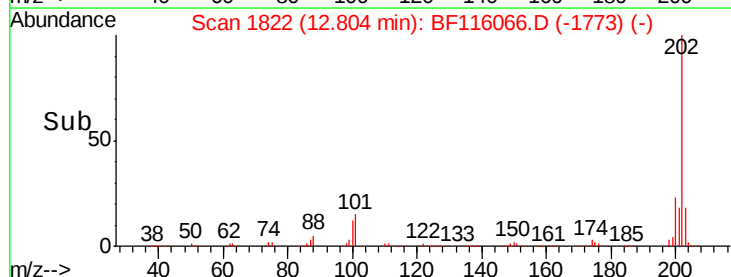
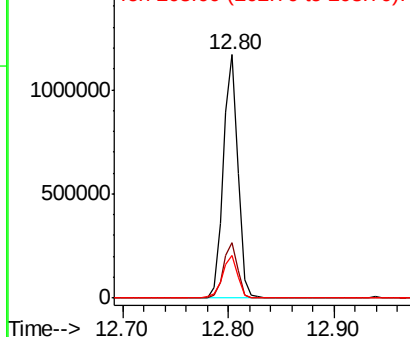
Lab File: BF116066.D

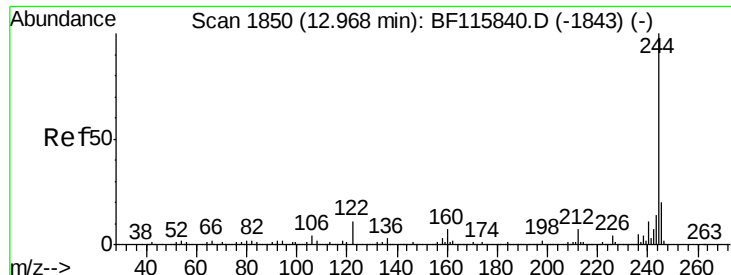
Acq: 8 Aug 2019 13:56

Tgt Ion:	202	Resp:	1133424
Ion Ratio	Lower	Upper	
202	100		
200	22.5	18.0	27.0
203	17.7	14.1	21.1



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





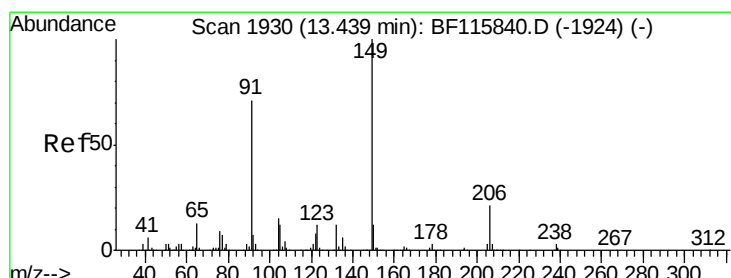
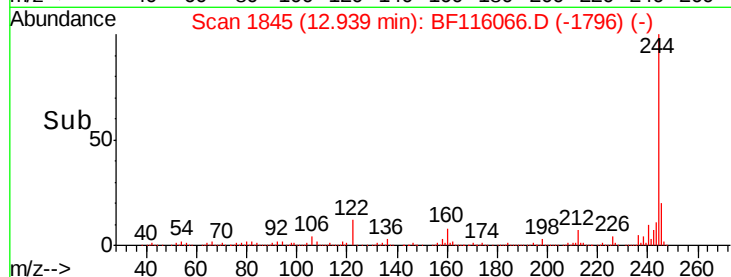
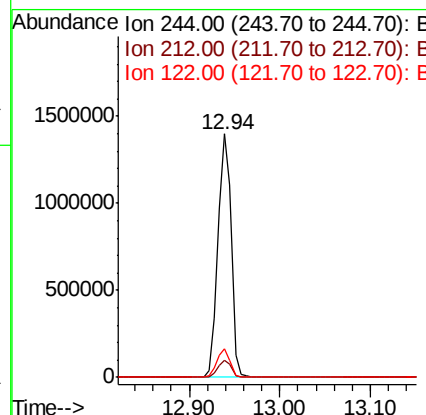
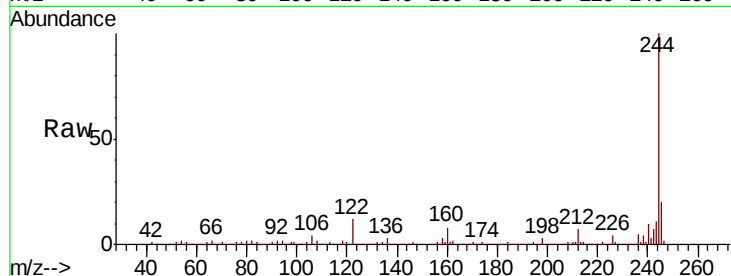
#79
 Terphenyl-d14
 Concen: 79.510 ng
 RT: 12.94 min Scan# 1845
 Delta R.T. -0.01 min
 Lab File: BF116066.D
 Acq: 8 Aug 2019 13:56

Instrument :
 BNA_F
 ClientSampleId :
 PB121894BS

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.8	8.8
122	11.9	9.0	13.4

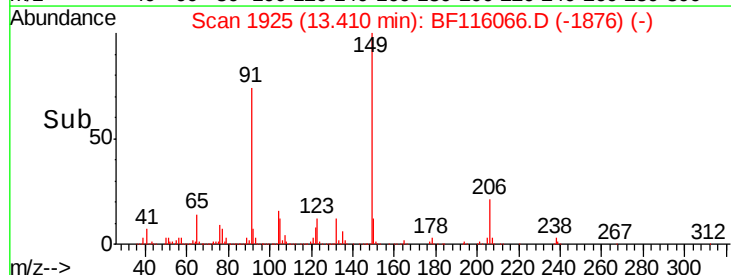
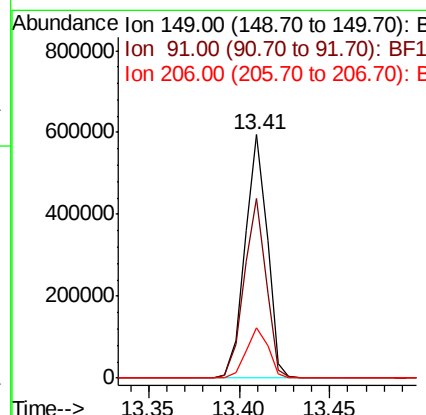
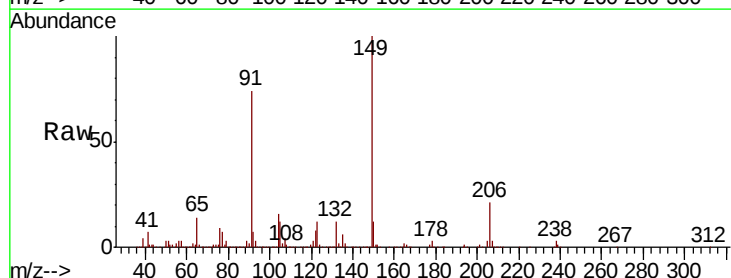
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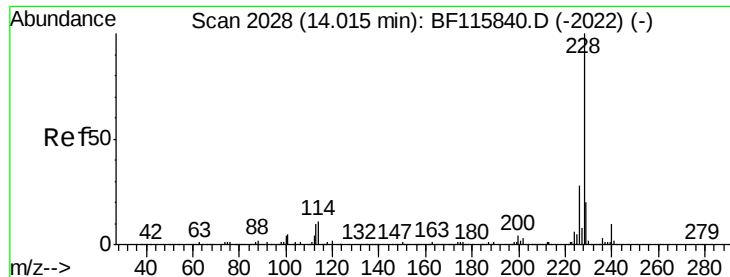
Sohil
 8/13/2019 7:17:03 AM



#80
 Butylbenzylphthalate
 Concen: 41.928 ng
 RT: 13.41 min Scan# 1925
 Delta R.T. -0.01 min
 Lab File: BF116066.D
 Acq: 8 Aug 2019 13:56

Tgt Ion	Ratio	Lower	Upper
149	100		
91	73.5	56.3	84.5
206	20.8	18.0	27.0





#81

Benzo(a)anthracene

Concen: 38.283 ng

RT: 13.99 min Scan# 2024

Delta R.T. -0.01 min

Lab File: BF116066.D

Acq: 8 Aug 2019 13:56

Instrument :

BNA_F

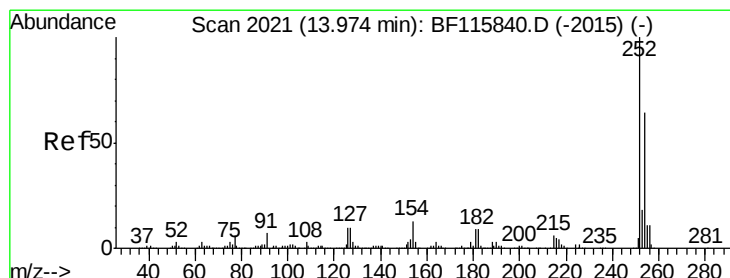
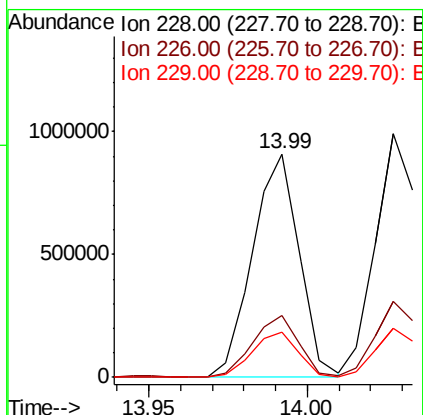
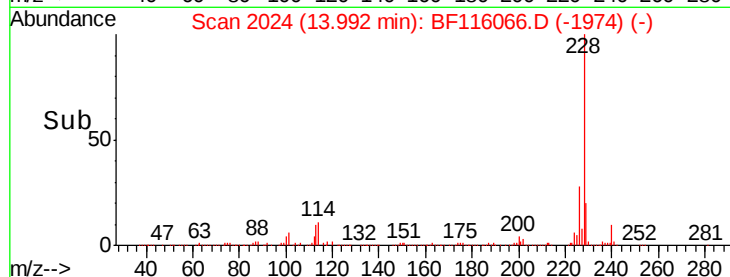
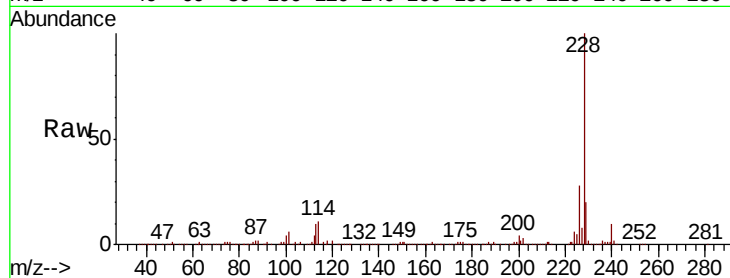
ClientSampled :

PB121894BS

Tot Ion:	228	Resp:	925061
Ion Ratio	Lower	Upper	
228	100		
226	27.9	22.7	34.1
229	20.0	16.2	24.4

Manual Integrations
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#82

3,3'-Dichlorobenzidine

Concen: 35.047 ng

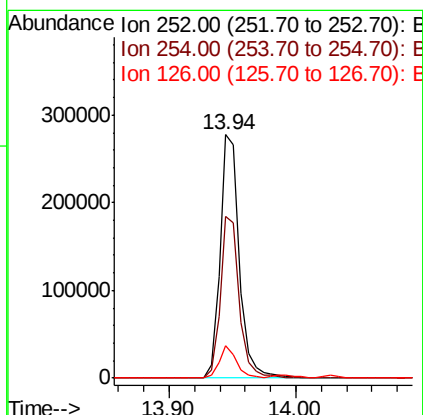
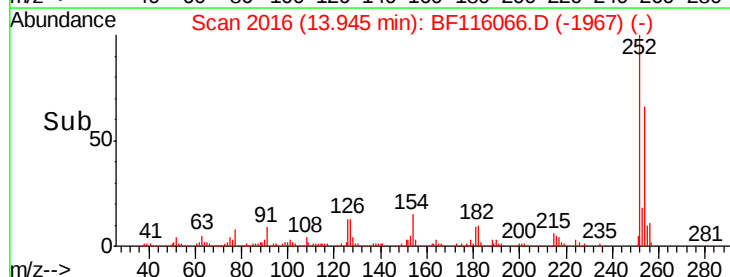
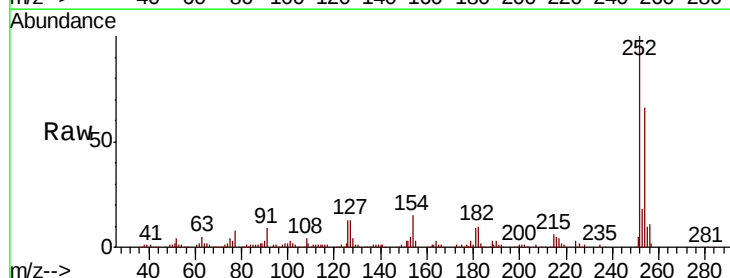
RT: 13.94 min Scan# 2016

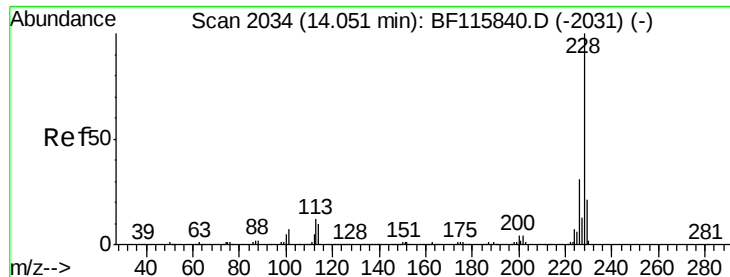
Delta R.T. -0.01 min

Lab File: BF116066.D

Acq: 8 Aug 2019 13:56

Tgt Ion:	252	Resp:	294222
Ion Ratio	Lower	Upper	
252	100		
254	66.5	50.9	76.3
126	13.3	9.8	14.8





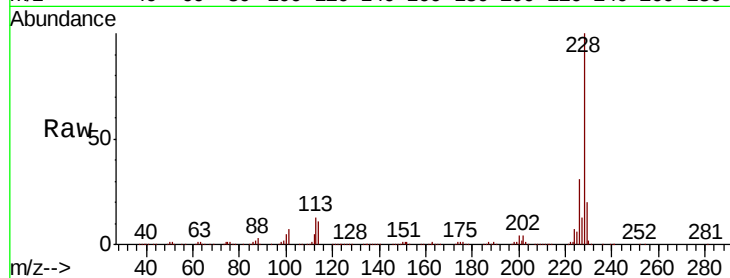
#83
 Chrysene
 Concen: 38.993 ng
 RT: 14.03 min Scan# 2030
 Delta R.T. -0.01 min
 Lab File: BF116066.D
 Acq: 8 Aug 2019 13:56

Instrument :
 BNA_F
 ClientSampleID :
 PB121894BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.0	25.5	38.3
229	20.3	16.6	24.8

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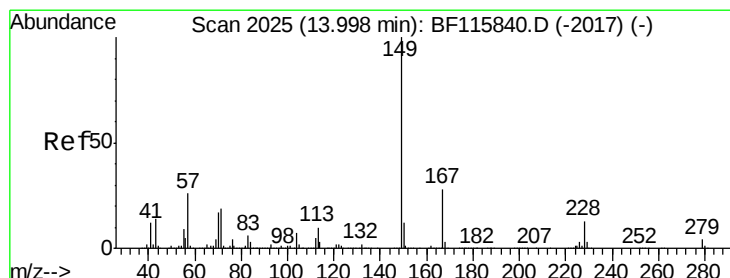
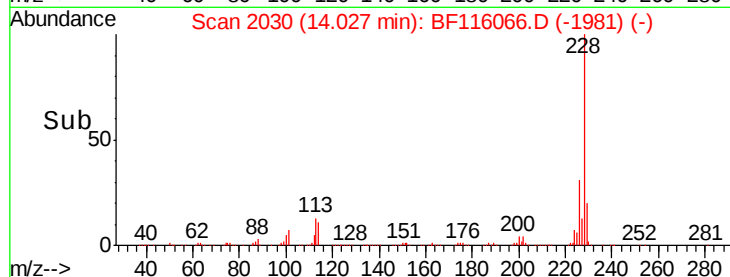
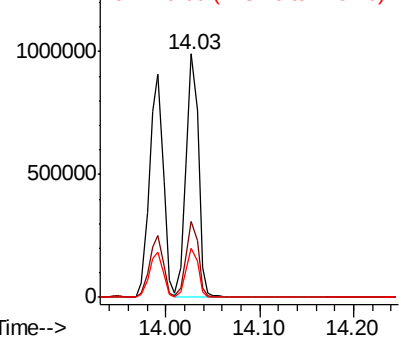


Abundance

Ion 228.00 (227.70 to 228.70): E

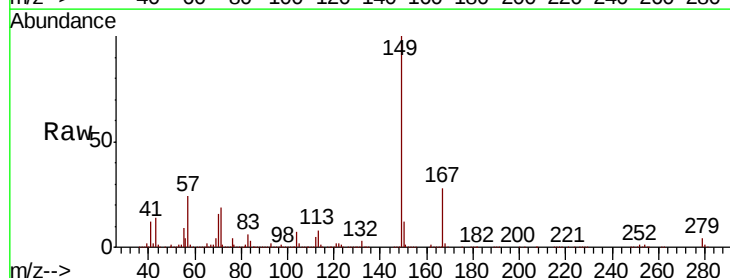
Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 44.758 ng
 RT: 13.97 min Scan# 2020
 Delta R.T. -0.01 min
 Lab File: BF116066.D
 Acq: 8 Aug 2019 13:56

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.6	21.6	32.4
279	4.2	3.0	4.4

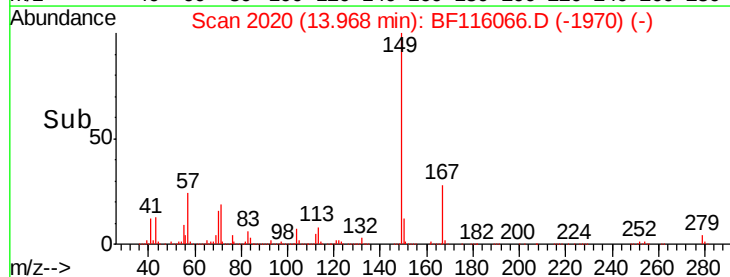
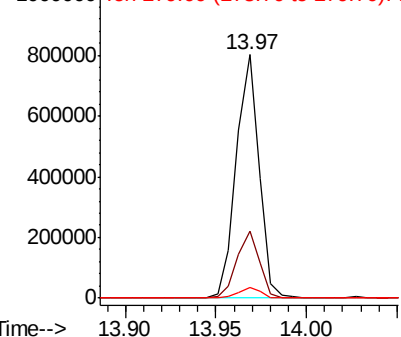


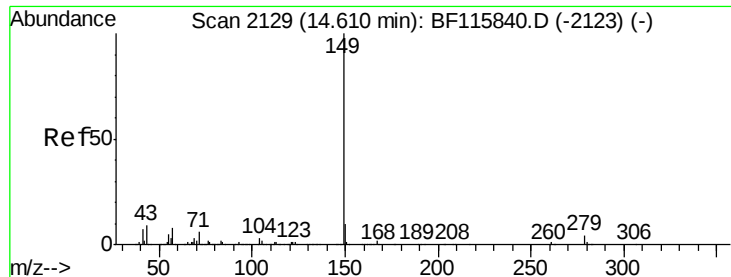
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





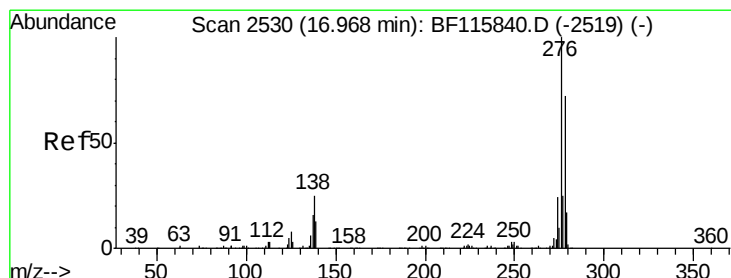
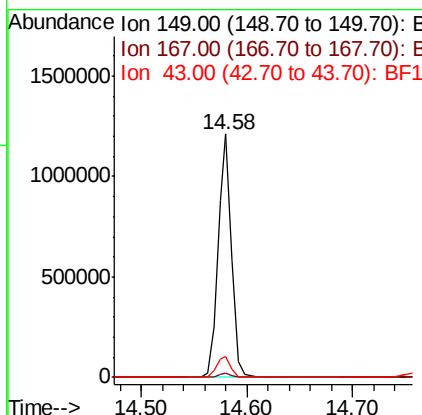
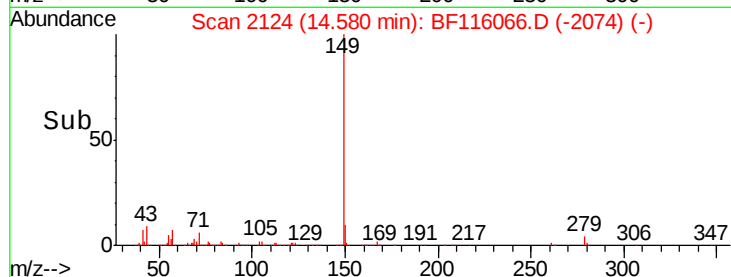
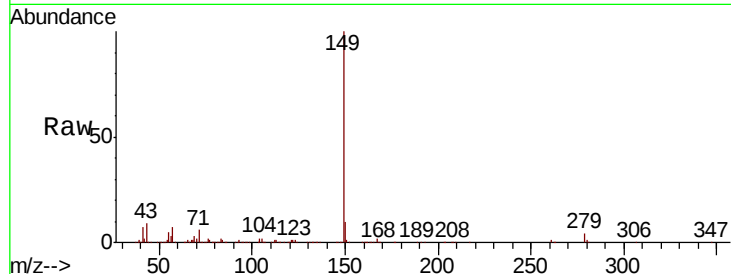
#85
Di-n-octyl phthalate
Concen: 43.553 ng
RT: 14.58 min Scan# 2124
Delta R.T. -0.01 min
Lab File: BF116066.D
Acq: 8 Aug 2019 13:56

Instrument :
BNA_F
ClientSampleId :
PB121894BS

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.4	2.0
43	8.9	7.5	11.3

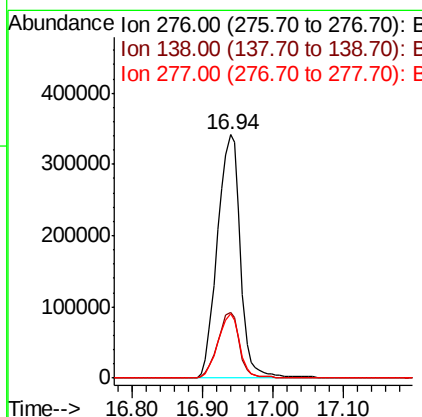
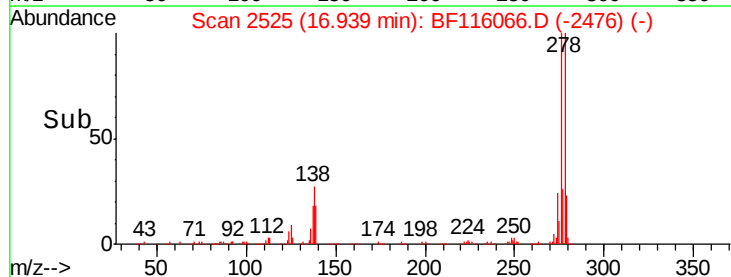
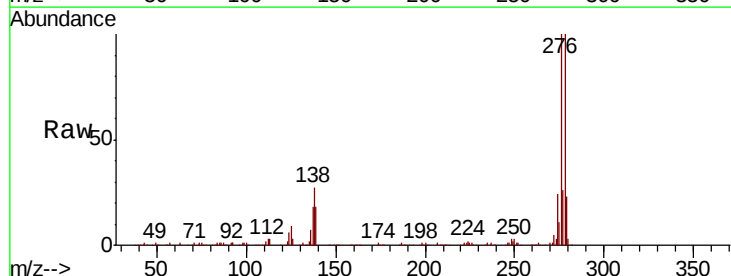
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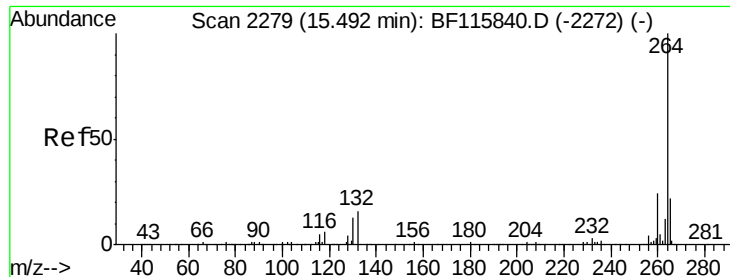
Sohil
8/13/2019 7:17:03 AM



#86
Indeno(1,2,3-cd)pyrene
Concen: 39.352 ng
RT: 16.94 min Scan# 2525
Delta R.T. -0.01 min
Lab File: BF116066.D
Acq: 8 Aug 2019 13:56

Tgt Ion	Ratio	Lower	Upper
276	100		
138	25.9	20.4	30.6
277	25.3	20.0	30.0





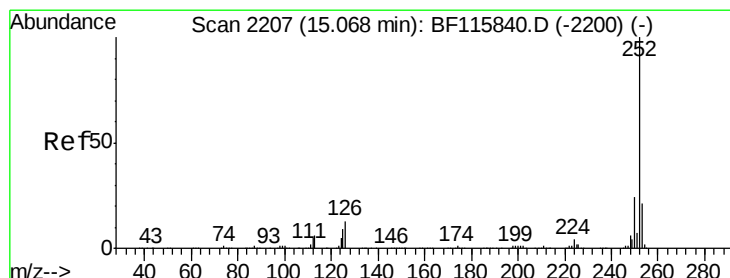
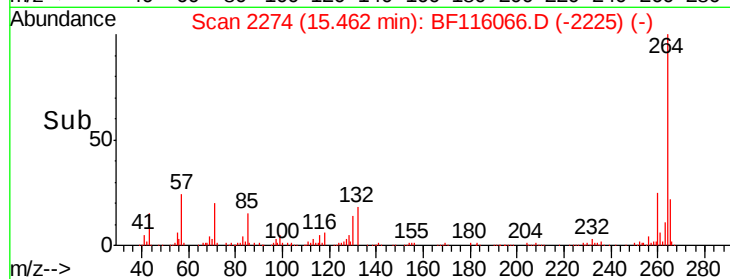
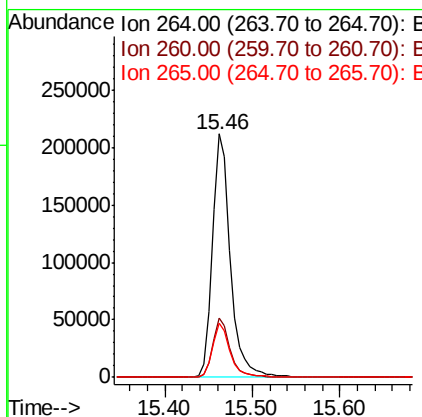
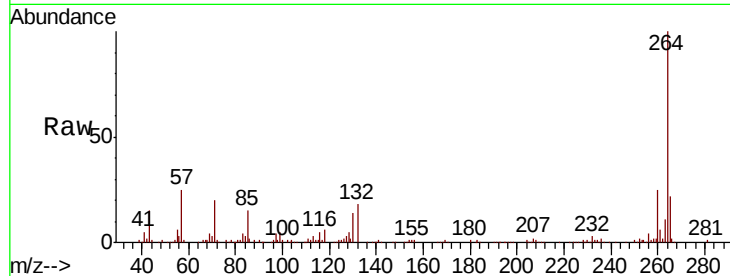
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.46 min Scan# 2274
Delta R.T. -0.01 min
Lab File: BF116066.D
Acq: 8 Aug 2019 13:56

Instrument :
BNA_F
ClientSampled :
PB121894BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
264	100				
260	24.6	19.7	29.5		
265	22.2	17.4	26.0		

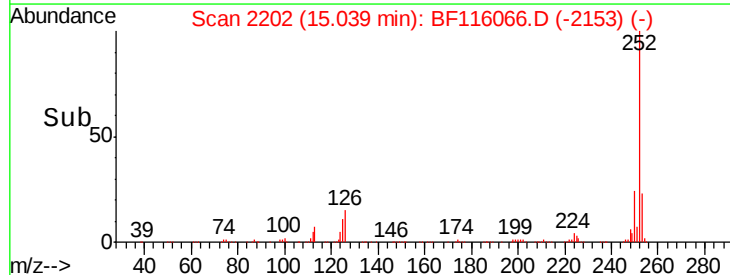
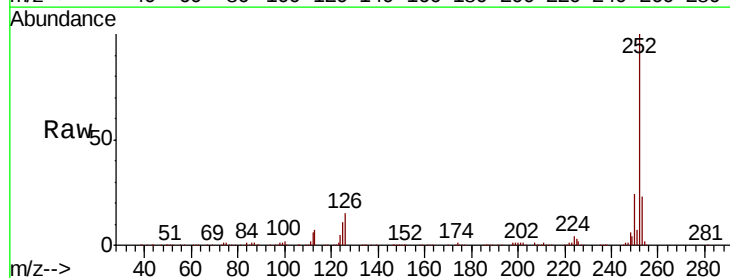
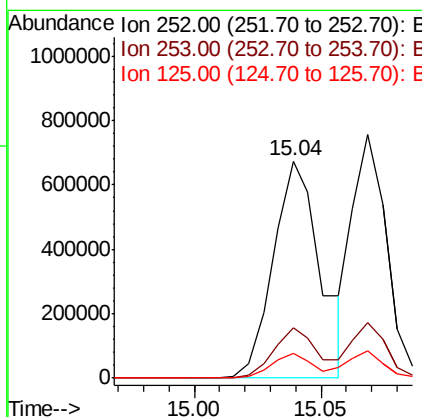
Manual Integrations
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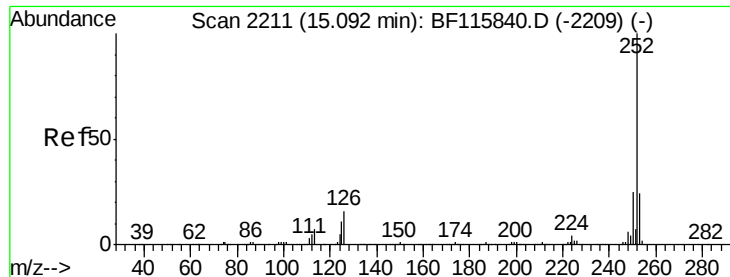
Sohil
8/13/2019 7:17:03 AM



#88
Benzo(b)fluoranthene
Concen: 49.982 ng
RT: 15.04 min Scan# 2202
Delta R.T. -0.01 min
Lab File: BF116066.D
Acq: 8 Aug 2019 13:56

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
252	100				
253	23.0	17.8	26.8		
125	11.3	8.4	12.6		





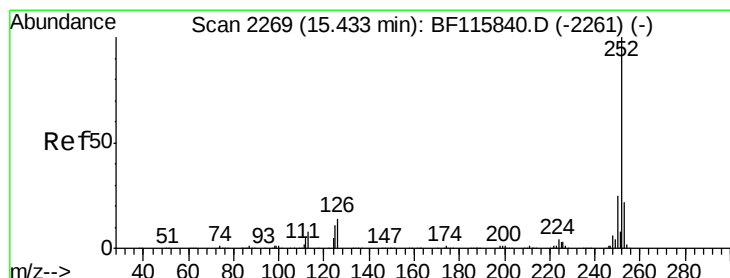
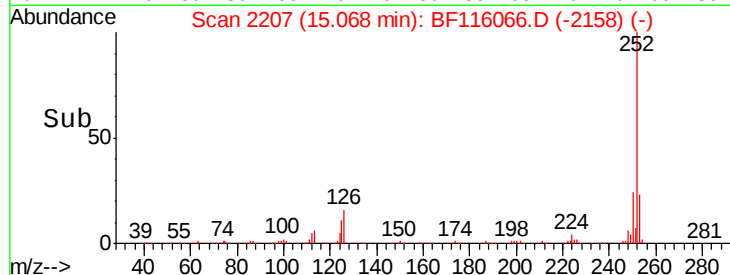
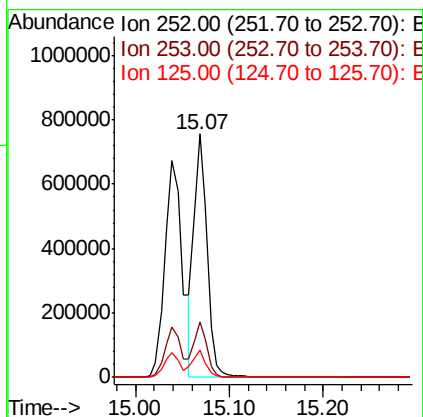
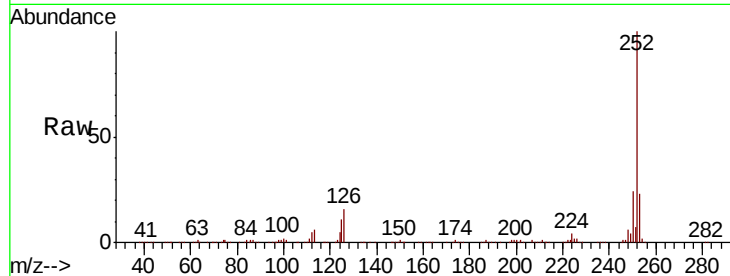
#89
Benzo(k)fluoranthene
Concen: 42.686 ng
RT: 15.07 min Scan# 2207
Delta R.T. -0.01 min
Lab File: BF116066.D
Acq: 8 Aug 2019 13:56

Instrument :
BNA_F
ClientSampled :
PB121894BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.8	26.8
125	11.1	7.7	11.5

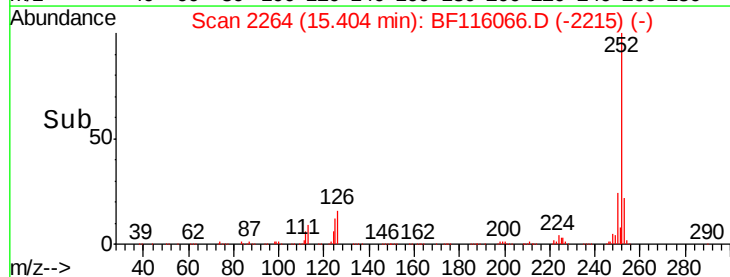
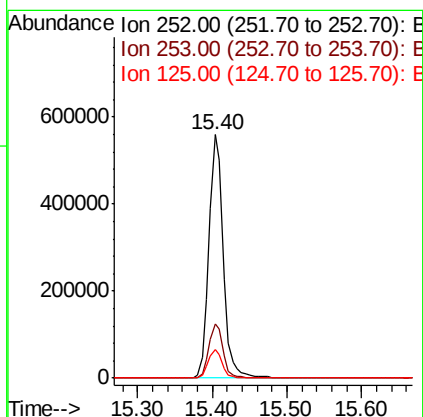
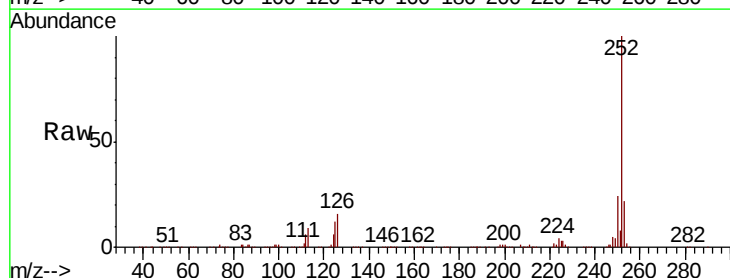
Manual Integrations
APPROVED

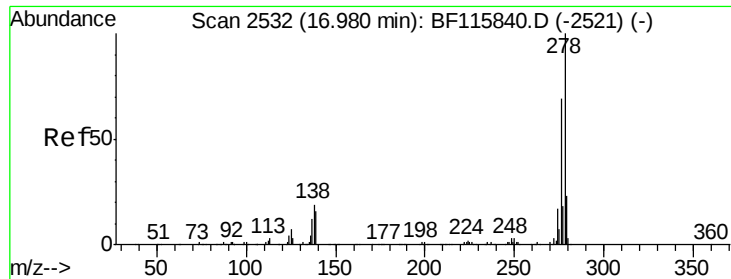
Sohil
8/13/2019 7:17:03 AM



#90
Benzo(a)pyrene
Concen: 47.617 ng
RT: 15.40 min Scan# 2264
Delta R.T. -0.01 min
Lab File: BF116066.D
Acq: 8 Aug 2019 13:56

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.0	27.0
125	11.9	8.9	13.3





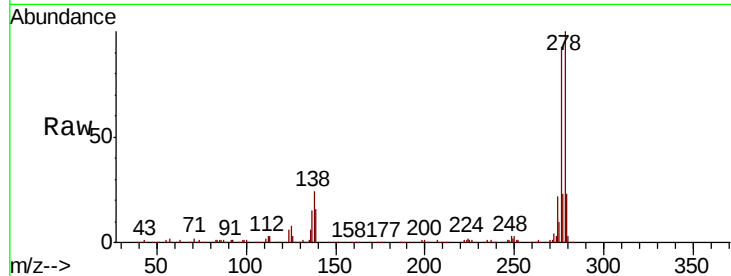
#91
Dibenzo(a,h)anthracene
Concen: 48.533 ng
RT: 16.94 min Scan# 2526
Delta R.T. -0.01 min
Lab File: BF116066.D
Acq: 8 Aug 2019 13:56

Instrument :
BNA_F
ClientSampleId :
PB121894BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	16.2	12.8	19.2
279	23.2	18.8	28.2

Manual Integrations
APPROVED

Sohil
8/13/2019 7:17:03 AM

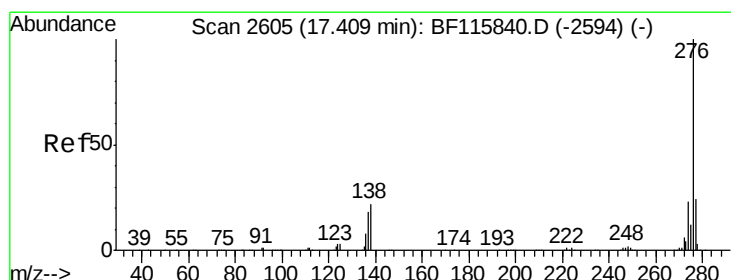
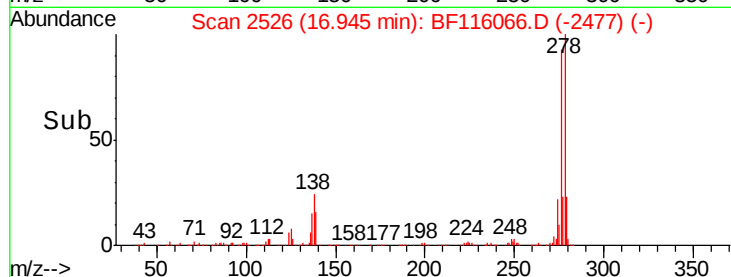
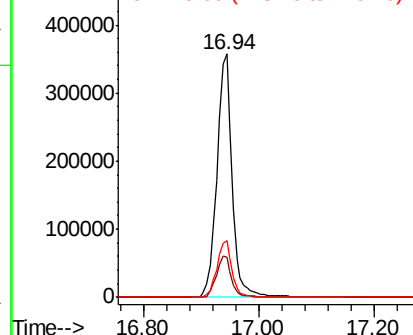


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 48.795 ng
RT: 17.37 min Scan# 2599
Delta R.T. -0.01 min
Lab File: BF116066.D
Acq: 8 Aug 2019 13:56

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.0	18.4	27.6
138	22.5	17.0	25.6

Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

