

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081519\
 Data File : BF116272.D
 Acq On : 15 Aug 2019 12:02
 Operator : HP/JU
 Sample : PB122215BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB122215BS

Manual Integrations
 APPROVED

Jagrut
 8/16/2019 5:32:39 PM

Quant Time: Aug 15 15:06:51 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	6.82	152	144703	20.00	ng	-0.03
21) Naphthalene-d8	8.10	136	605698	20.00	ng	-0.03
39) Acenaphthene-d10	9.85	164	330677	20.00	ng	-0.04
64) Phenanthrene-d10	11.34	188	560648	20.00	ng	-0.03
76) Chrysene-d12	13.98	240	383821	20.00	ng	-0.03
87) Perylene-d12	15.43	264	322615	20.00	ng	-0.04

System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	1006756	116.47	ng	-0.01
7) Phenol-d6	6.46	99	1236165	113.35	ng	-0.02
23) Nitrobenzene-d5	7.39	82	835316	79.61	ng	-0.03
42) 2,4,6-Tribromophenol	10.65	330	361338	112.71	ng	-0.03
45) 2-Fluorobiphenyl	9.17	172	1435114	81.29	ng	-0.03
79) Terphenyl-d14	12.92	244	1527466	83.86	ng	-0.03

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.69	88	175628	40.219	ng	99
3) Pyridine	3.43	79	411206	33.710	ng	99
4) n-Nitrosodimethylamine	3.39	42	188606	39.180	ng	99
6) Aniline	6.49	93	458801	29.376	ng	# 90
8) 2-Chlorophenol	6.61	128	431276	45.120	ng	98
9) Benzaldehyde	6.37	77	157527	20.934	ng	97
10) Phenol	6.47	94	544003	42.359	ng	88
11) bis(2-Chloroethyl)ether	6.56	93	432539	45.810	ng	99
12) 1,3-Dichlorobenzene	6.76	146	460686	41.704	ng	100
13) 1,4-Dichlorobenzene	6.83	146	466116	42.142	ng	99
14) 1,2-Dichlorobenzene	6.99	146	433390	42.554	ng	99
15) Benzyl Alcohol	6.97	79	344574	41.634	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.09	45	546011	42.396	ng	88
17) 2-Methylphenol	7.08	107	364712	45.062	ng	97
18) Hexachloroethane	7.33	117	173437	42.590	ng	94
19) n-Nitroso-di-n-propylamine	7.23	70	297174	43.974	ng	97
20) 3+4-Methylphenols	7.23	107	438325	45.765	ng	99
22) Acetophenone	7.23	105	583693	43.940	ng	97
24) Nitrobenzene	7.40	77	487641	43.039	ng	99
25) Isophorone	7.64	82	896788	44.695	ng	99
26) 2-Nitrophenol	7.72	139	245044	45.881	ng	93
27) 2,4-Dimethylphenol	7.76	122	394960	49.154	ng	98
28) bis(2-Chloroethoxy)methane	7.85	93	554839	44.614	ng	99
29) 2,4-Dichlorophenol	7.96	162	385774	45.470	ng	98
30) 1,2,4-Trichlorobenzene	8.05	180	410582	42.455	ng	99
31) Naphthalene	8.12	128	1257848	44.131	ng	100
32) Benzoic acid	7.92	122	245979	43.420	ng	98
33) 4-Chloroaniline	8.17	127	353310	27.743	ng	98
34) Hexachlorobutadiene	8.24	225	232571	41.750	ng	99
35) Caprolactam	8.56	113	114832m	41.849	ng	
36) 4-Chloro-3-methylphenol	8.66	107	403489	45.715	ng	99
37) 2-Methylnaphthalene	8.81	142	834520	44.456	ng	100
38) 1-Methylnaphthalene	8.91	142	778820	43.856	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.98	216	385937	43.656	ng	100

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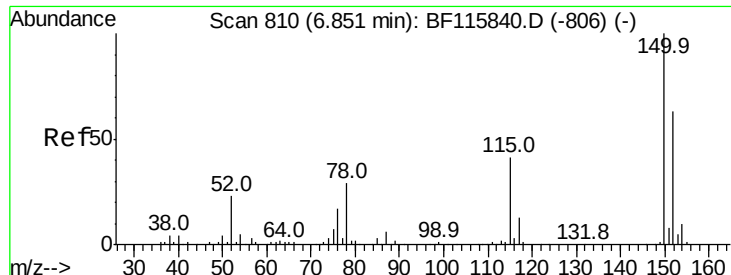
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.96	237	176034	46.994	ng	99
43) 2,4,6-Trichlorophenol	9.10	196	253461	41.654	ng	100
44) 2,4,5-Trichlorophenol	9.15	196	264167	41.998	ng	99
46) 1,1'-Biphenyl	9.27	154	1018077	43.609	ng	99
47) 2-Chloronaphthalene	9.30	162	806048	41.484	ng	99
48) 2-Nitroaniline	9.40	65	254631	39.647	ng	97
49) Acenaphthylene	9.72	152	1192237	42.058	ng	99
50) Dimethylphthalate	9.57	163	962420	42.745	ng	100
51) 2,6-Dinitrotoluene	9.65	165	211672	43.260	ng	96
52) Acenaphthene	9.89	154	731809	42.081	ng	99
53) 3-Nitroaniline	9.82	138	173160	28.641	ng	100
54) 2,4-Dinitrophenol	9.93	184	181919	73.773	ng	98
55) Dibenzofuran	10.06	168	1023459	40.468	ng	99
56) 4-Nitrophenol	10.00	139	269845	69.673	ng	90
57) 2,4-Dinitrotoluene	10.06	165	252662	38.784	ng	92
58) Fluorene	10.40	166	824748	42.386	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.19	232	219512	41.481	ng	97
60) Diethylphthalate	10.27	149	913664	43.464	ng	99
61) 4-Chlorophenyl-phenylether	10.39	204	425919	43.221	ng	97
62) 4-Nitroaniline	10.44	138	211038	33.776	ng	96
63) Azobenzene	10.55	77	946525	43.777	ng	99
65) 4,6-Dinitro-2-methylphenol	10.47	198	139343	46.900	ng	96
66) n-Nitrosodiphenylamine	10.51	169	760915	45.091	ng	99
67) 4-Bromophenyl-phenylether	10.88	248	265762	44.281	ng	97
68) Hexachlorobenzene	10.96	284	291743	42.038	ng	98
69) Atrazine	11.04	200	233974	42.146	ng	99
70) Pentachlorophenol	11.16	266	259635	77.057	ng	98
71) Phenanthrene	11.36	178	1218104	42.500	ng	100
72) Anthracene	11.42	178	1264182	43.582	ng	99
73) Carbazole	11.57	167	1122230	42.644	ng	99
74) Di-n-butylphthalate	11.89	149	1406849	45.827	ng	99
75) Fluoranthene	12.55	202	1259639	41.980	ng	96
77) Benzidine	12.67	184	389597	30.045	ng	98
78) Pyrene	12.78	202	1279117	44.210	ng	98
80) Butylbenzylphthalate	13.39	149	592162	48.384	ng	98
81) Benzo(a)anthracene	13.97	228	1056277	43.056	ng	100
82) 3,3'-Dichlorobenzidine	13.93	252	330889	38.823	ng	99
83) Chrysene	14.01	228	1029655	43.232	ng	99
84) Bis(2-ethylhexyl)phthalate	13.94	149	843308	53.024	ng	98
85) Di-n-octyl phthalate	14.55	149	1333975	52.806	ng	99
86) Indeno(1,2,3-cd)pyrene	16.90	276	871207	43.552	ng	100
88) Benzo(b)fluoranthene	15.02	252	929962	49.853	ng	100
89) Benzo(k)fluoranthene	15.04	252	907470	49.946	ng	99
90) Benzo(a)pyrene	15.37	252	860018	51.575	ng	99
91) Dibenzo(a,h)anthracene	16.90	278	734855	50.911	ng	100
92) Benzo(g,h,i)perylene	17.33	276	721082	50.867	ng	97

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.82 min Scan# 804

Delta R.T. -0.03 min

Lab File: BF116272.D

Acq: 15 Aug 2019 12:02

Instrument :

BNA_F

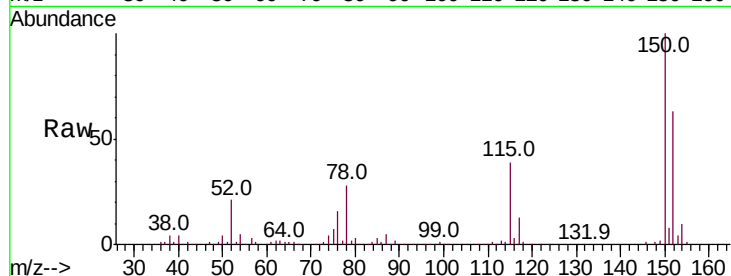
ClientSampleId :

PB122215BS

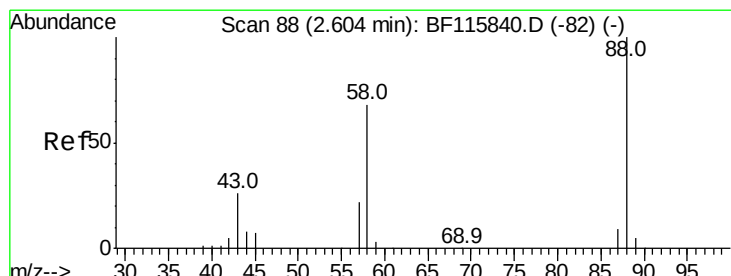
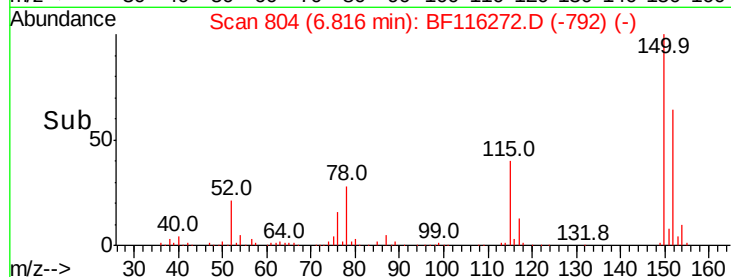
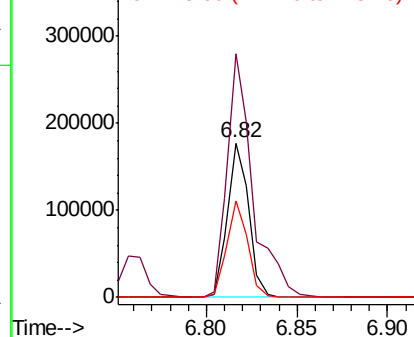
Tot Ion:	152	Resp:	144703
Ion Ratio	Lower	Upper	
152	100		
150	157.6	126.2	189.2
115	62.2	49.9	74.9

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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: 40.219 ng

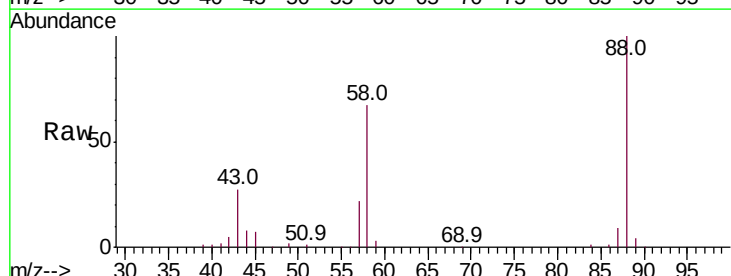
RT: 2.69 min Scan# 102

Delta R.T. 0.08 min

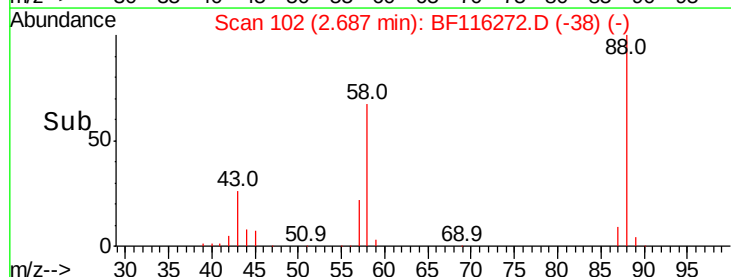
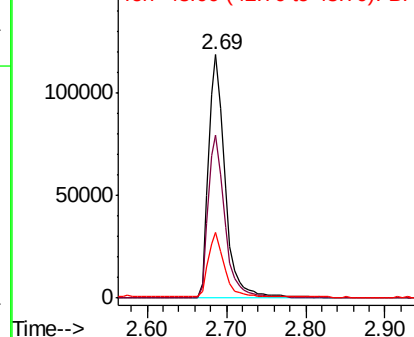
Lab File: BF116272.D

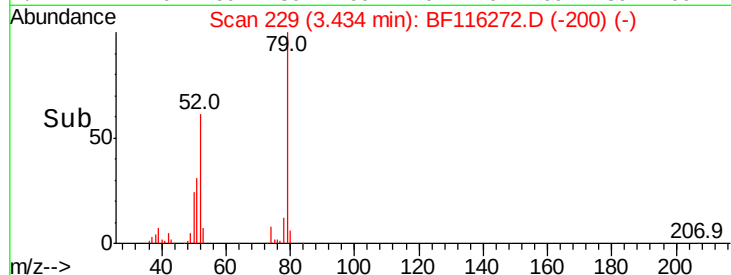
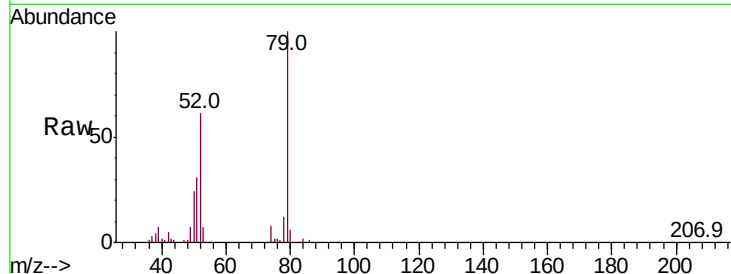
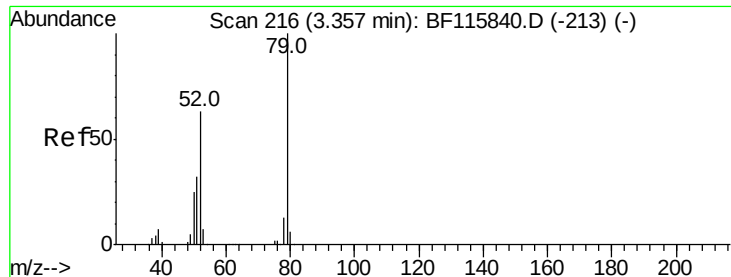
Acq: 15 Aug 2019 12:02

Tgt Ion:	88	Resp:	175628
Ion Ratio	Lower	Upper	
88	100		
58	67.2	53.7	80.5
43	25.2	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





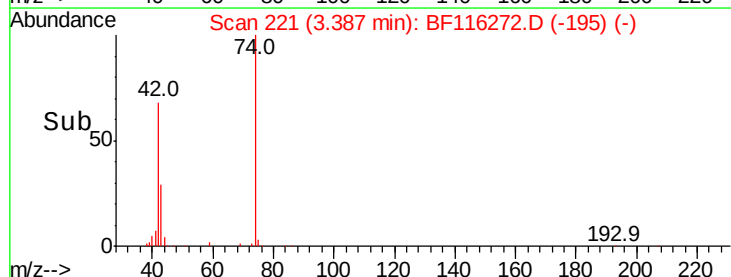
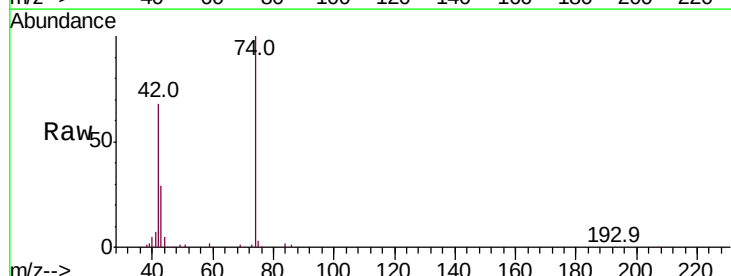
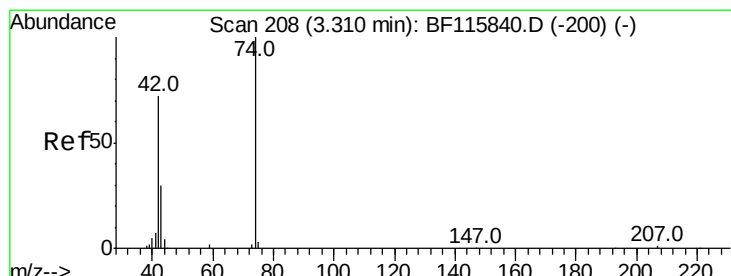
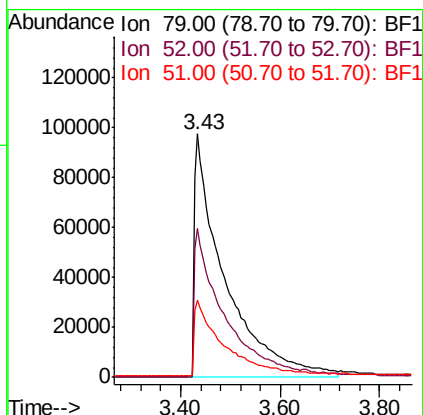
#3
Pvridine
Concen: 33.710 ng
RT: 3.43 min Scan# 229
Delta R.T. 0.07 min
Lab File: BF116272.D
Acq: 15 Aug 2019 12:02

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	79	100	411206		
52	52	60.9		49.8	74.8
51	51	31.5		25.2	37.8

Instrument :
BNA_F
ClientSampleId :
PB122215BS

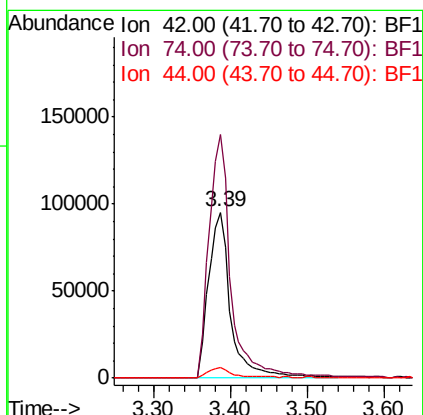
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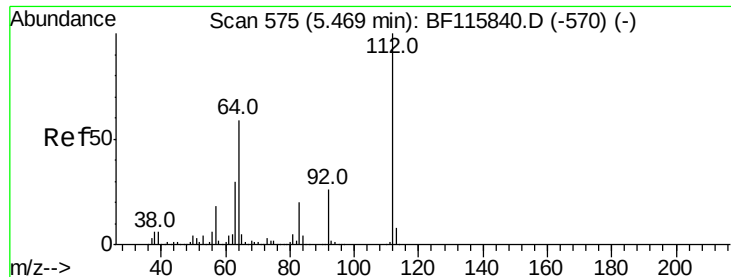
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#4
n-Nitrosodimethylamine
Concen: 39.180 ng
RT: 3.39 min Scan# 221
Delta R.T. 0.05 min
Lab File: BF116272.D
Acq: 15 Aug 2019 12:02

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
42	42	100	188606		
74	74	146.6		116.0	174.0
44	44	6.8		4.6	7.0





#5

2-Fluorophenol

Concen: 116.471 ng

RT: 5.46 min Scan# 573

Delta R.T. -0.01 min

Lab File: BF116272.D

Acq: 15 Aug 2019 12:02

Instrument :

BNA_F

ClientSampled :

PB122215BS

Tot Ion:112 Resp: 1006756

Ion Ratio Lower Upper

112 100

64 58.4 45.4 68.2

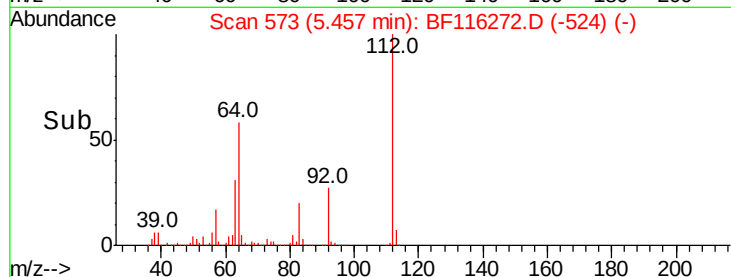
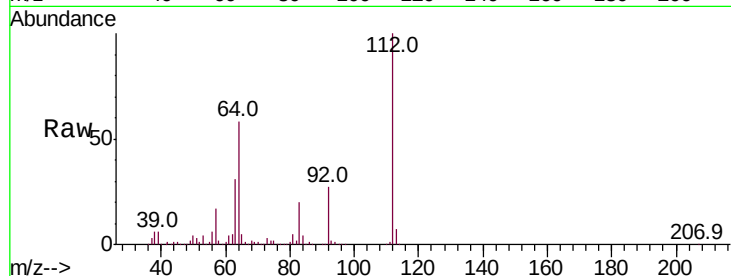
63 30.7 23.7 35.5

Manual Integrations

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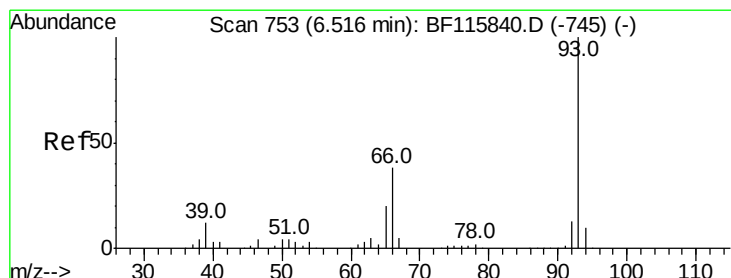
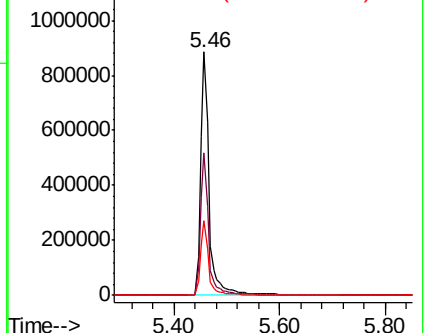
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Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 29.376 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.03 min

Lab File: BF116272.D

Acq: 15 Aug 2019 12:02

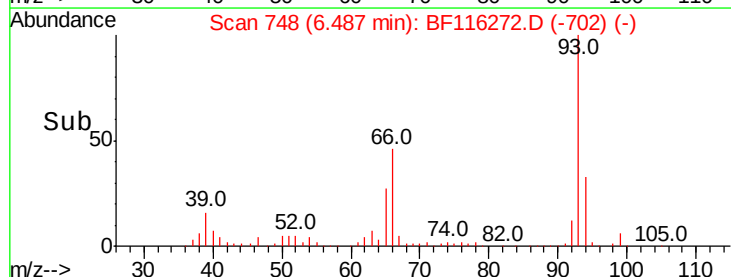
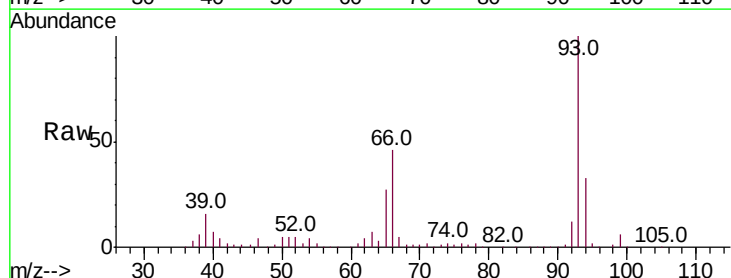
Tgt Ion: 93 Resp: 458801

Ion Ratio Lower Upper

93 100

66 46.4 32.2 48.4

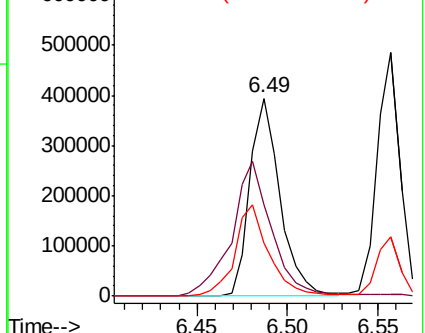
65 26.8 17.0 25.6#

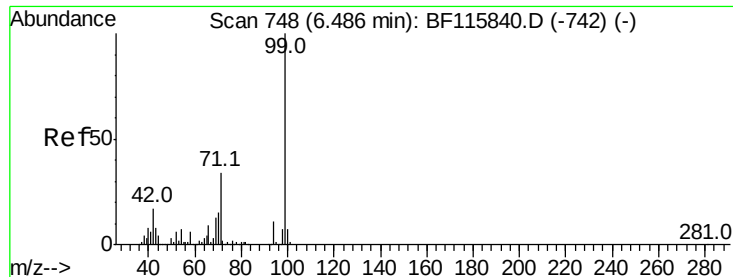


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 113.350 ng

RT: 6.46 min Scan# 744

Delta R.T. -0.02 min

Lab File: BF116272.D

Acq: 15 Aug 2019 12:02

Instrument :

BNA_F

ClientSampleId :

PB122215BS

Tot Ion: 99 Resp: 1236165

Ion Ratio Lower Upper

99 100

42 17.0 13.8 20.8

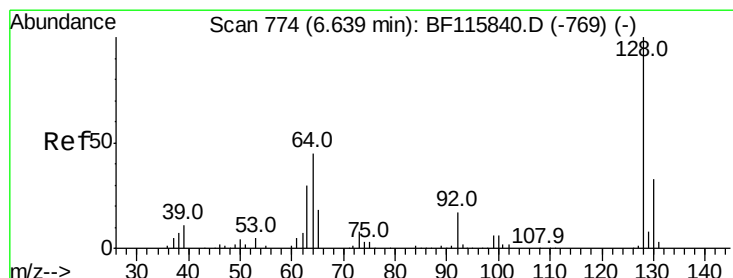
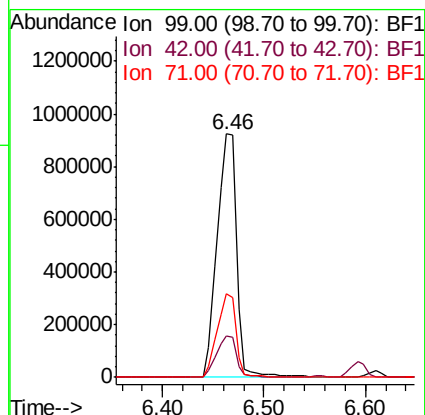
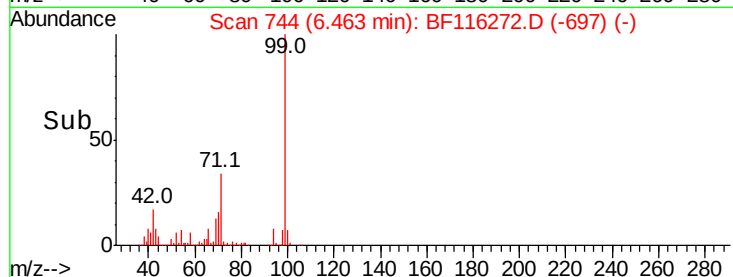
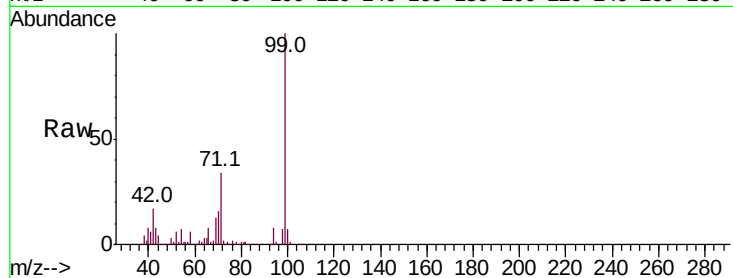
71 34.2 27.3 40.9

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#8

2-Chlorophenol

Concen: 45.120 ng

RT: 6.61 min Scan# 769

Delta R.T. -0.03 min

Lab File: BF116272.D

Acq: 15 Aug 2019 12:02

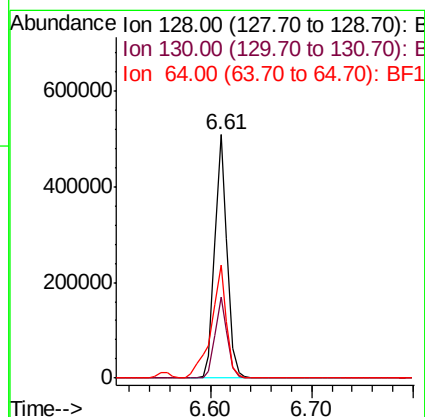
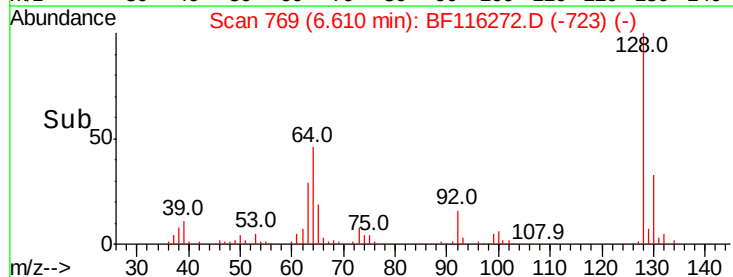
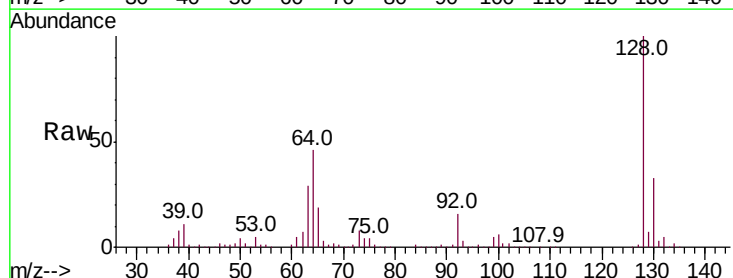
Tgt Ion: 128 Resp: 431276

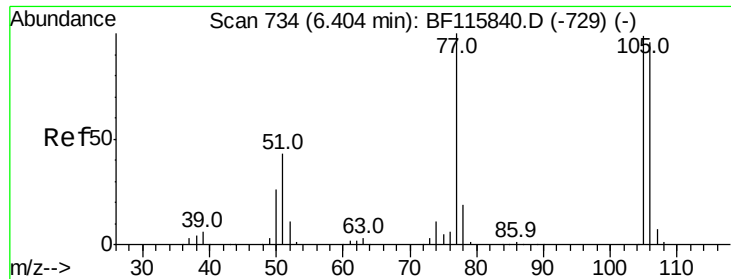
Ion Ratio Lower Upper

128 100

130 33.0 12.9 52.9

64 46.2 24.3 64.3





#9

Benzaldehyde

Concen: 20.934 ng

RT: 6.37 min Scan# 729

Delta R.T. -0.02 min

Lab File: BF116272.D

Acq: 15 Aug 2019 12:02

Instrument :

BNA_F

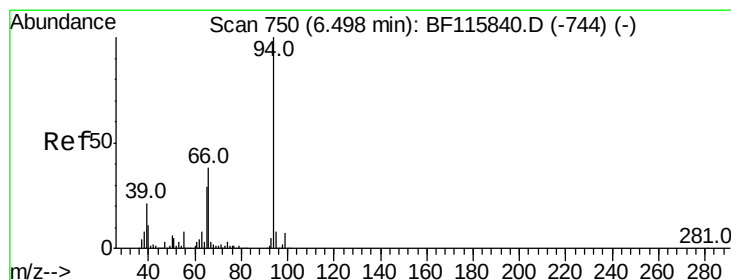
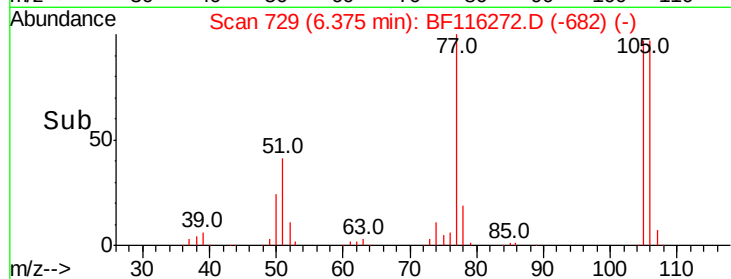
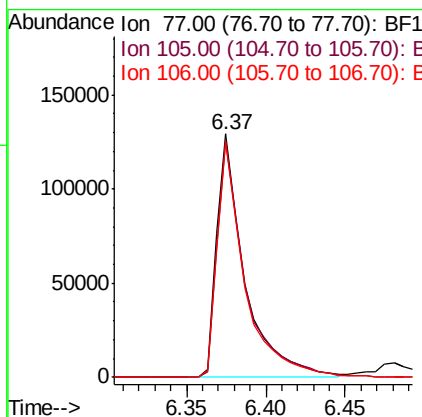
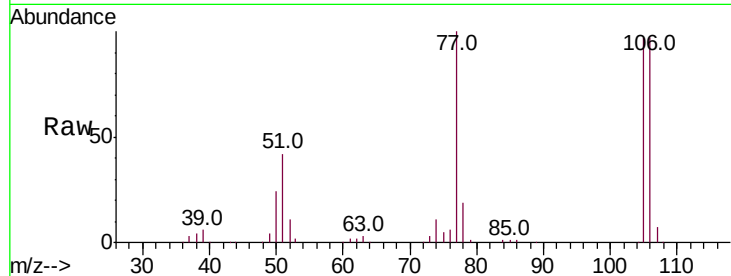
ClientSampleId :

PB122215BS

Tot Ion	77	Resp	157527
Ion Ratio	Lower	Upper	
77	100		
105	96.9	79.2	119.2
106	97.1	74.3	114.3

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#10

Phenol

Concen: 42.359 ng

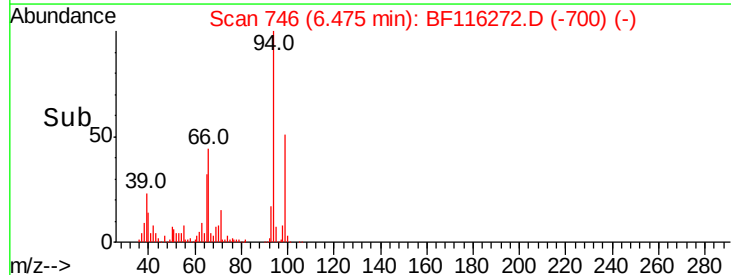
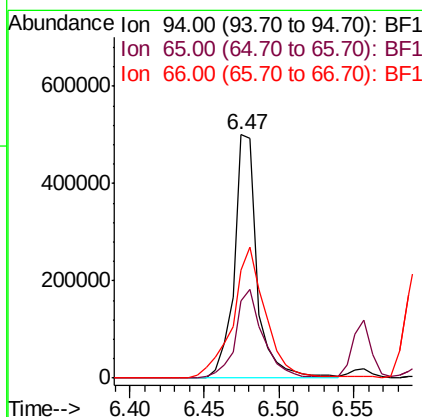
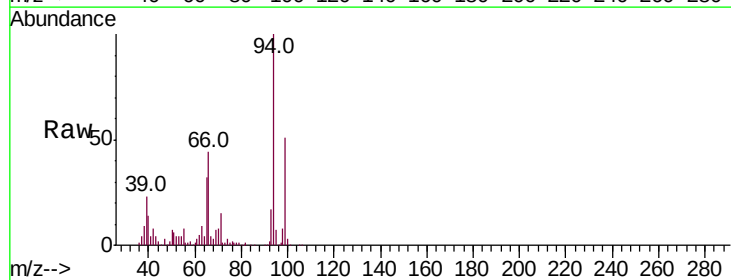
RT: 6.47 min Scan# 746

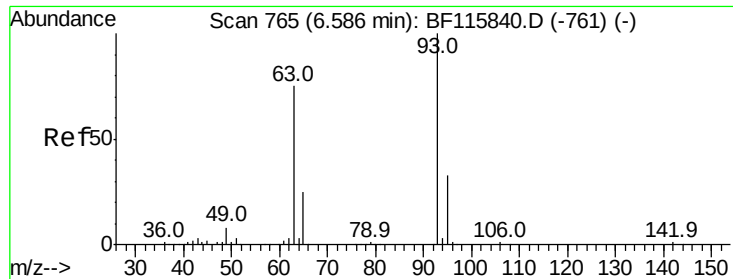
Delta R.T. -0.03 min

Lab File: BF116272.D

Acq: 15 Aug 2019 12:02

Tgt Ion	94	Resp	544003
Ion Ratio	Lower	Upper	
94	100		
65	31.5	16.8	56.8
66	44.3	34.2	74.2





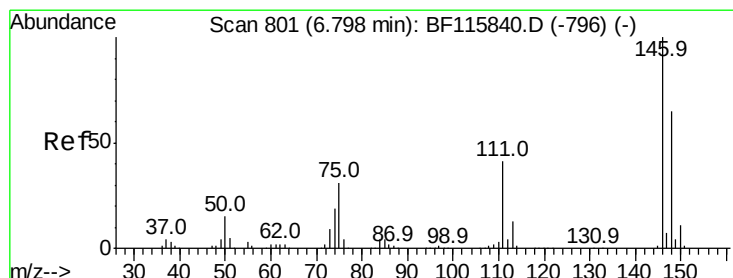
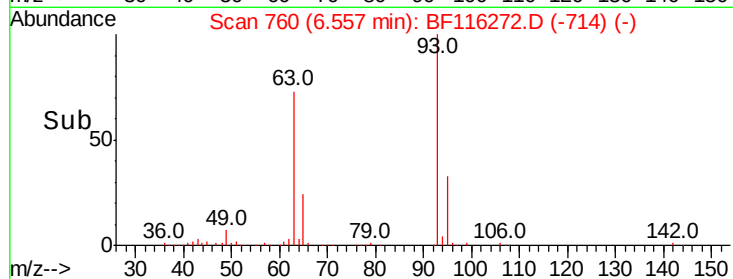
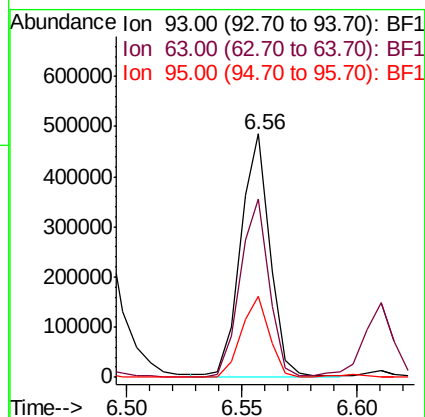
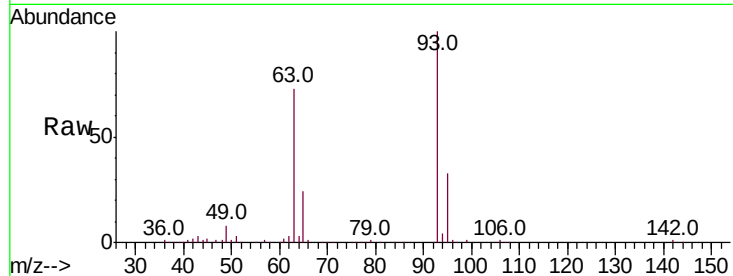
#11
bis(2-Chloroethyl)ether
Concen: 45.810 ng
RT: 6.56 min Scan# 760
Delta R.T. -0.03 min
Lab File: BF116272.D
Acq: 15 Aug 2019 12:02

Instrument :
BNA_F
ClientSampleId :
PB122215BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	73.2	51.9	91.9
95	33.3	13.0	53.0

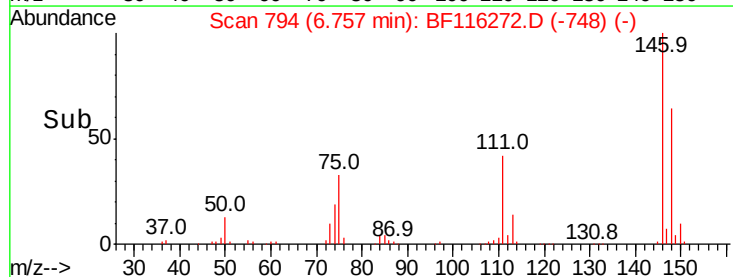
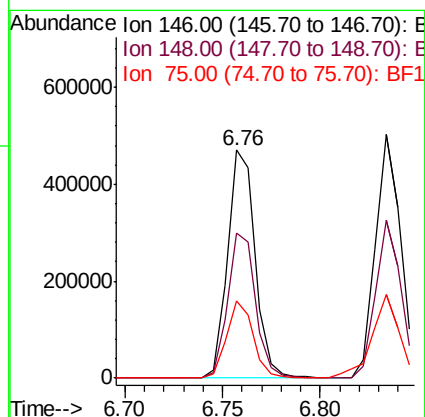
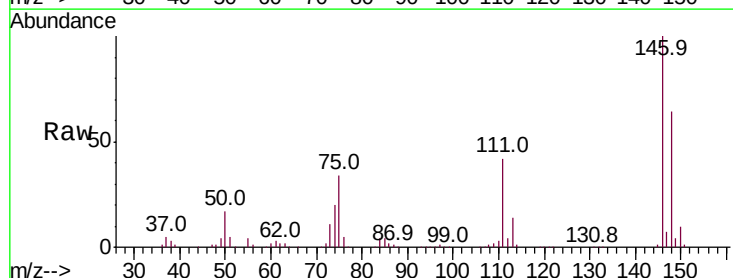
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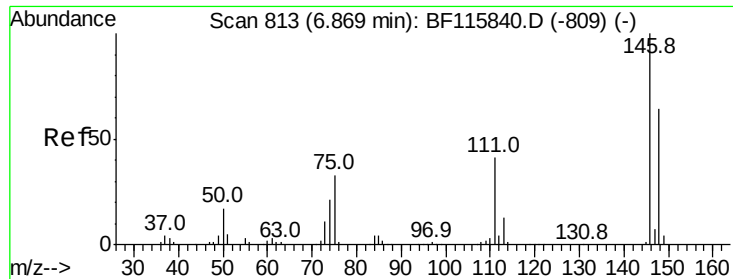
Jagrut
8/16/2019 5:32:39 PM



#12
1,3-Dichlorobenzene
Concen: 41.704 ng
RT: 6.76 min Scan# 794
Delta R.T. -0.03 min
Lab File: BF116272.D
Acq: 15 Aug 2019 12:02

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.7	51.3	76.9
75	34.0	27.4	41.2





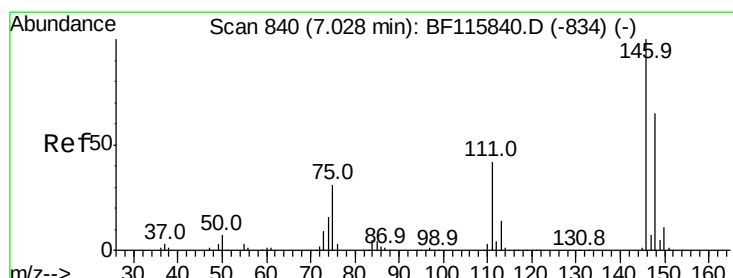
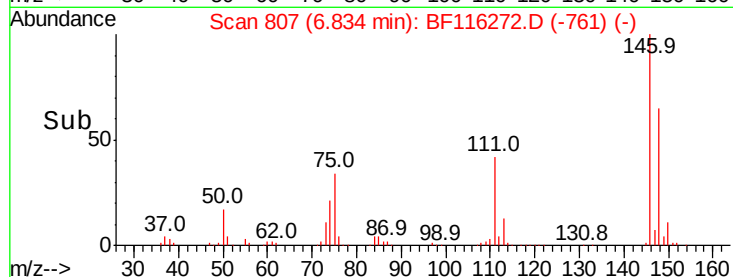
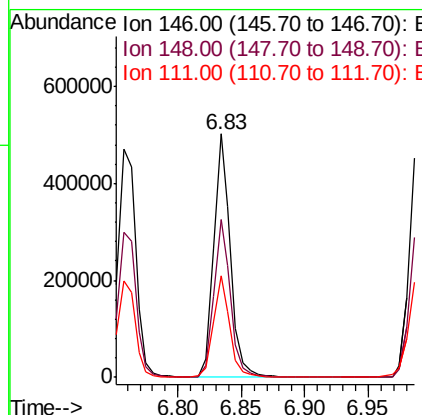
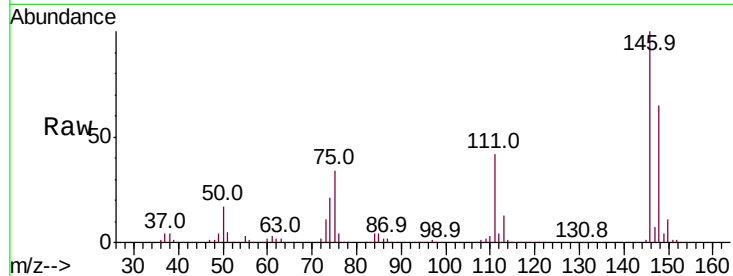
#13
 1,4-Dichlorobenzene
 Concen: 42.142 ng
 RT: 6.83 min Scan# 807
 Delta R.T. -0.03 min
 Lab File: BF116272.D
 Acq: 15 Aug 2019 12:02

Instrument :
 BNA_F
 ClientSampleId :
 PB122215BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.6	51.3	76.9
111	41.9	34.0	51.0

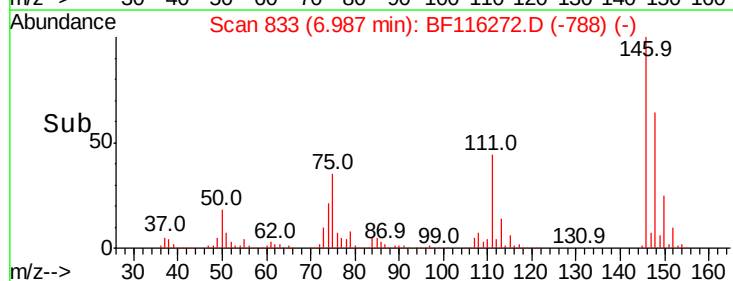
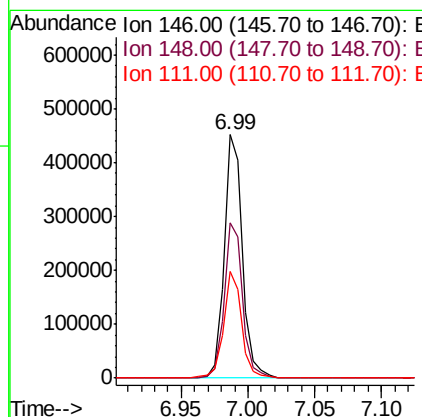
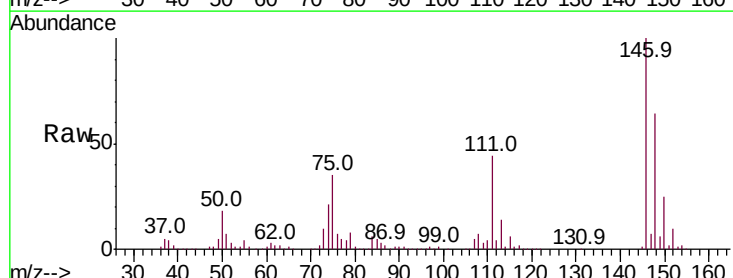
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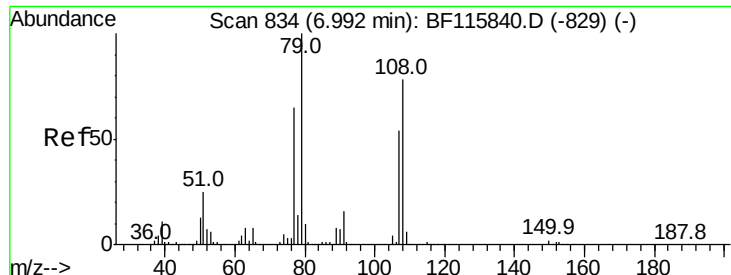
Jagrut
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#14
 1,2-Dichlorobenzene
 Concen: 42.554 ng
 RT: 6.99 min Scan# 833
 Delta R.T. -0.04 min
 Lab File: BF116272.D
 Acq: 15 Aug 2019 12:02

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.6	51.2	76.8
111	43.6	33.5	50.3





#15

Benzyl Alcohol

Concen: 41.634 ng

RT: 6.97 min Scan# 830

Delta R.T. -0.02 min

Lab File: BF116272.D

Acq: 15 Aug 2019 12:02

Instrument :

BNA_F

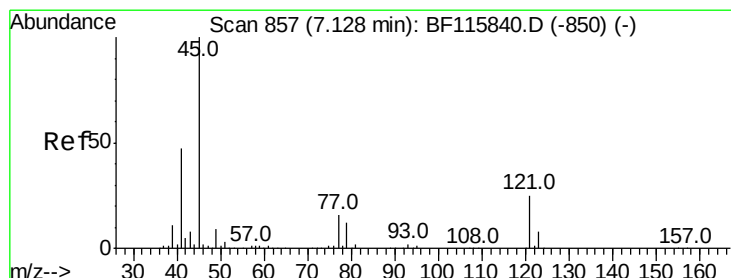
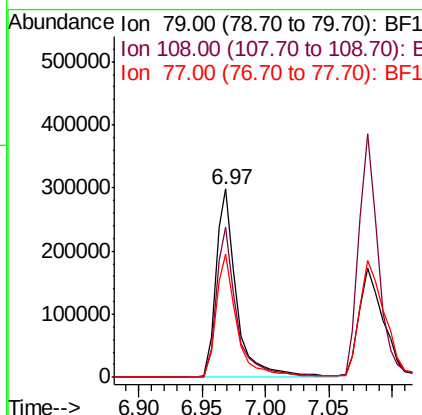
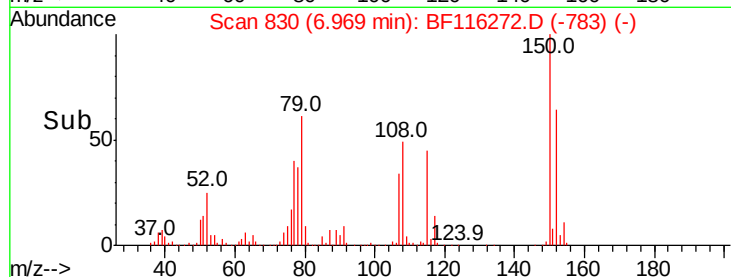
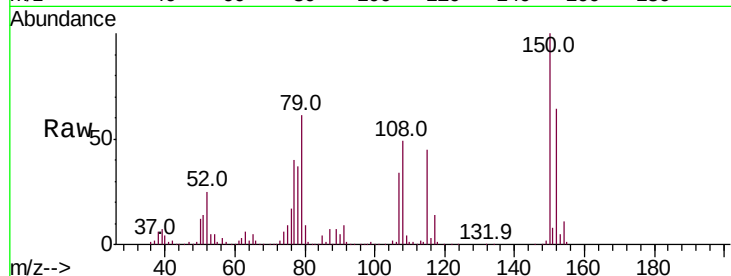
ClientSampled :

PB122215BS

Tot Ion:	79	Resp:	344574
Ion Ratio	Lower	Upper	
79	100		
108	79.8	62.7	94.1
77	65.3	52.2	78.2

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#16

2,2'-oxybis(1-chloropropane)

Concen: 42.396 ng

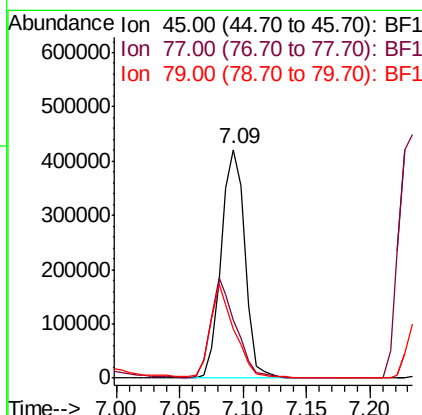
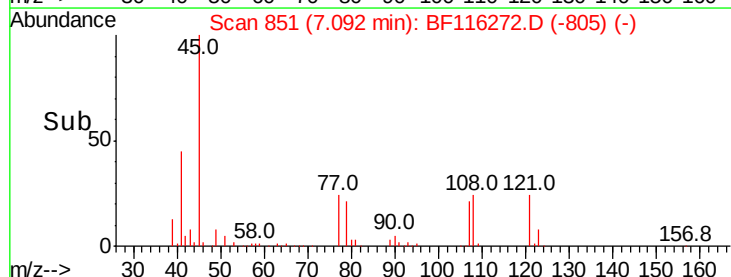
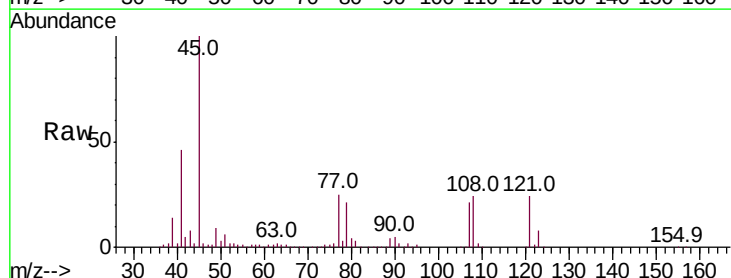
RT: 7.09 min Scan# 851

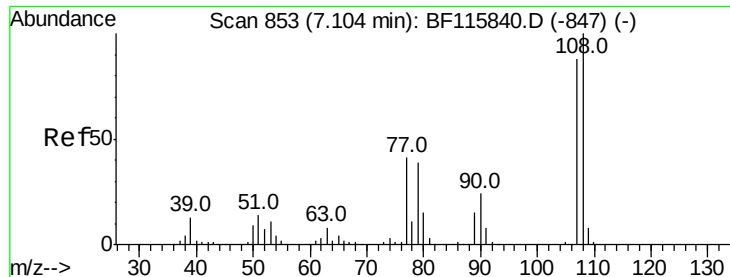
Delta R.T. -0.03 min

Lab File: BF116272.D

Acq: 15 Aug 2019 12:02

Tgt Ion:	45	Resp:	546011
Ion Ratio	Lower	Upper	
45	100		
77	25.2	0.0	40.0
79	21.3	0.0	35.9





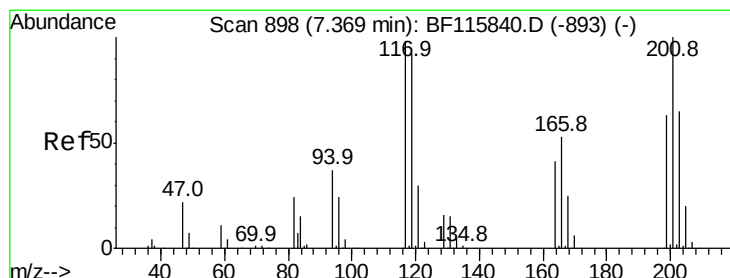
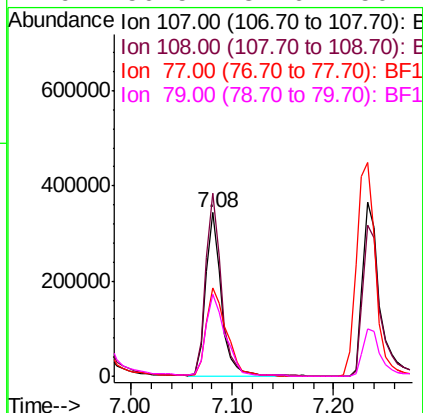
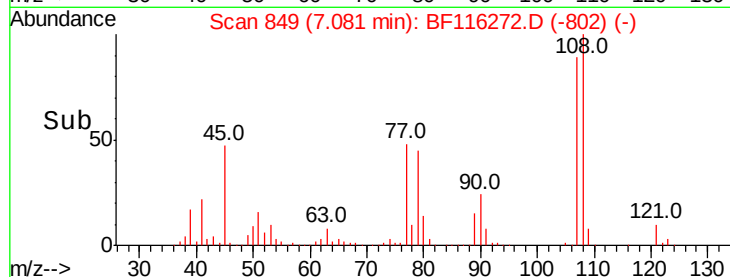
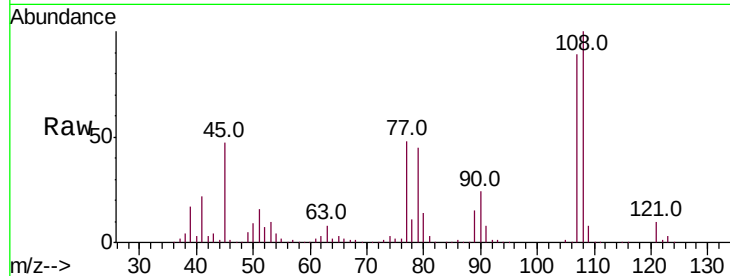
#17
2-Methylphenol
Concen: 45.062 ng
RT: 7.08 min Scan# 849
Delta R.T. -0.02 min
Lab File: BF116272.D
Acq: 15 Aug 2019 12:02

Instrument :
BNA_F
ClientSampleId :
PB122215BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	112.3	91.2	136.8	
77	53.8	40.3	60.5	
79	50.5	37.6	56.4	

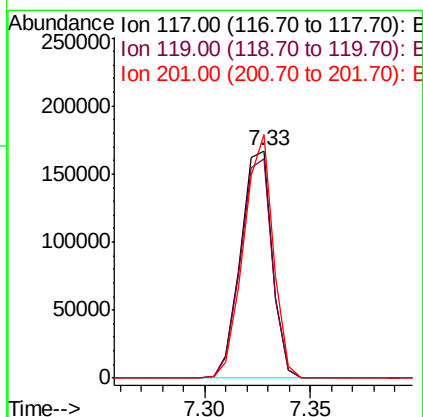
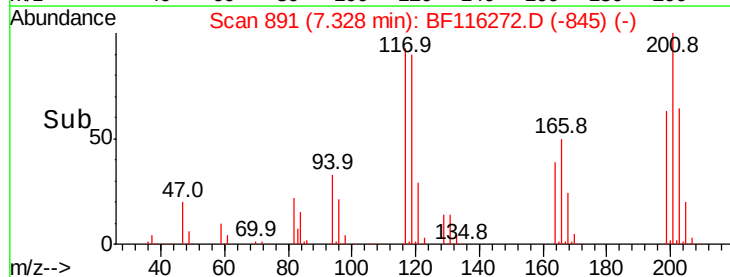
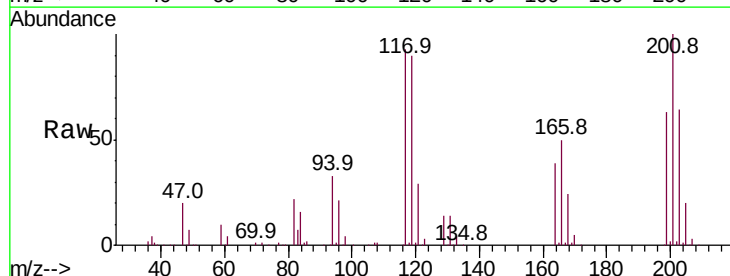
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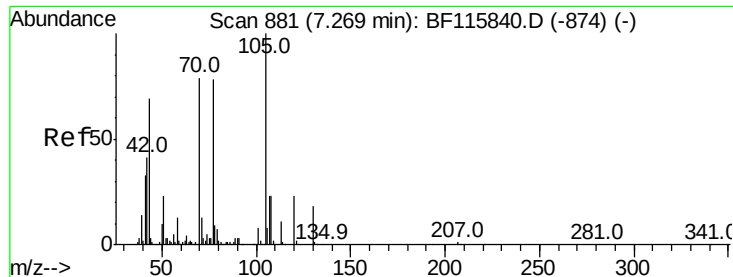
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#18
Hexachloroethane
Concen: 42.590 ng
RT: 7.33 min Scan# 891
Delta R.T. -0.03 min
Lab File: BF116272.D
Acq: 15 Aug 2019 12:02

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	96.6	76.1	114.1	
201	107.0	77.0	115.4	





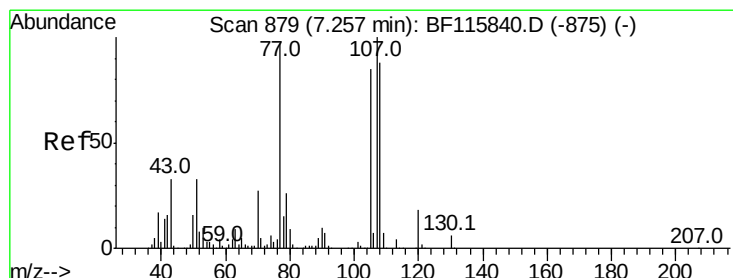
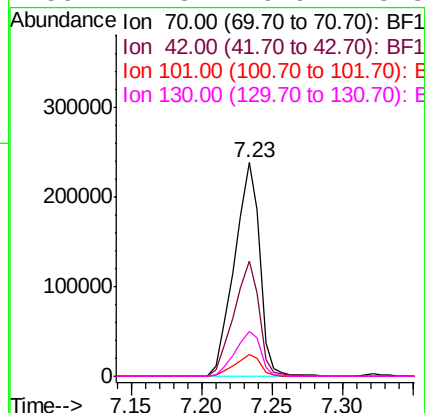
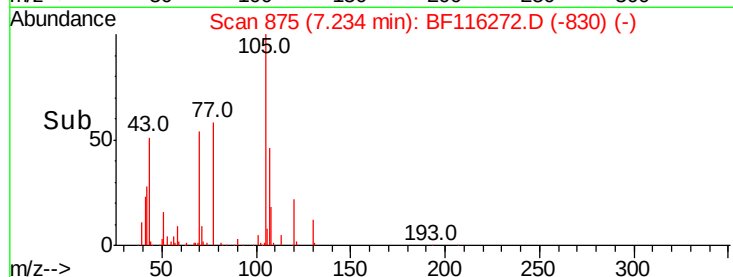
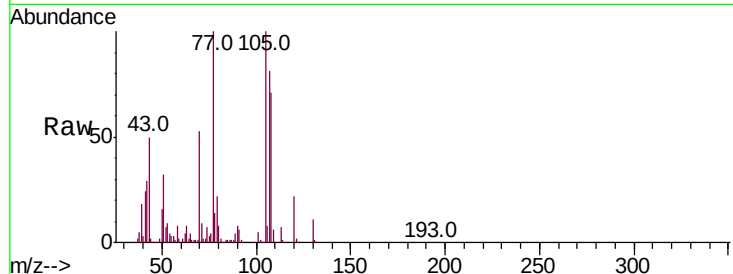
#19
n-Nitroso-di-n-propylamine
Concen: 43.974 ng
RT: 7.23 min Scan# 875
Delta R.T. -0.04 min
Lab File: BF116272.D
Acq: 15 Aug 2019 12:02

Instrument :
BNA_F
ClientSampleId :
PB122215BS

Tot Ion	Ratio	Lower	Upper
70	100		
42	54.1	40.9	61.3
101	9.9	7.9	11.9
130	21.3	16.9	25.3

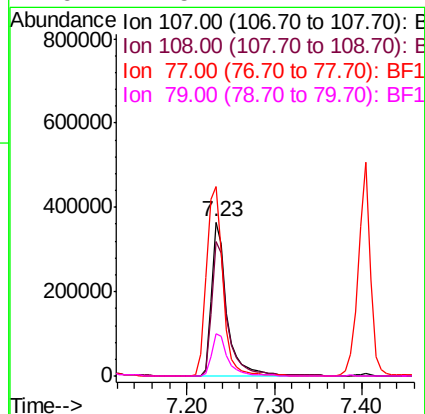
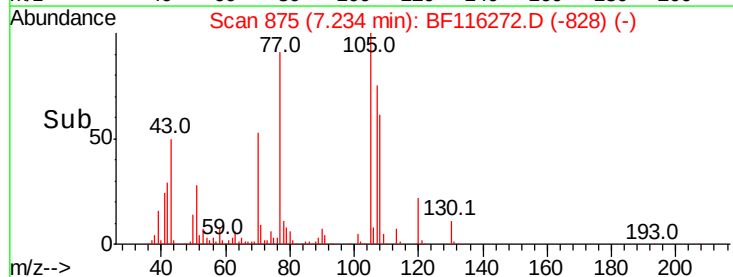
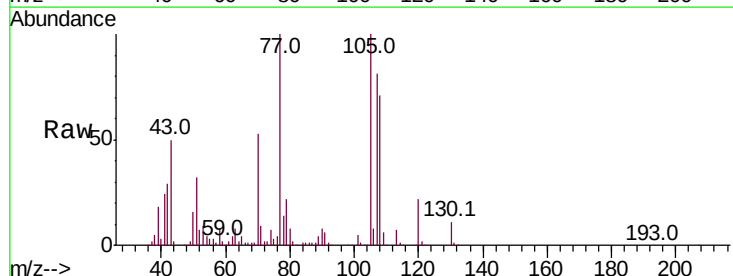
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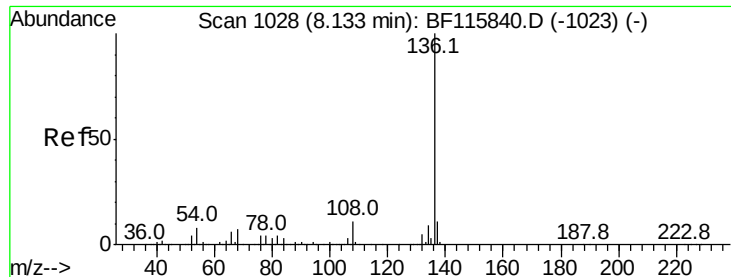
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#20
3+4-Methylphenols
Concen: 45.765 ng
RT: 7.23 min Scan# 875
Delta R.T. -0.02 min
Lab File: BF116272.D
Acq: 15 Aug 2019 12:02

Tgt Ion	Ratio	Lower	Upper
107	100		
108	87.1	67.6	107.6
77	122.8	104.4	144.4
79	27.5	7.4	47.4





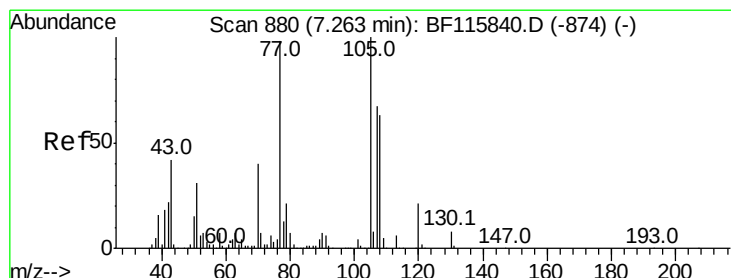
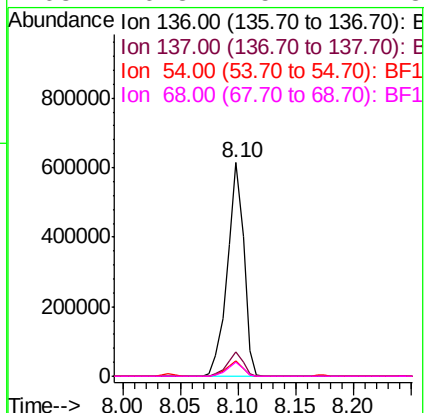
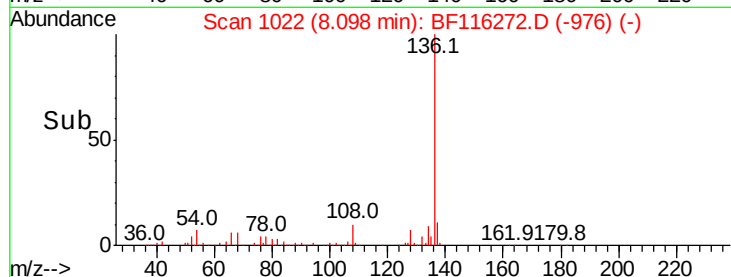
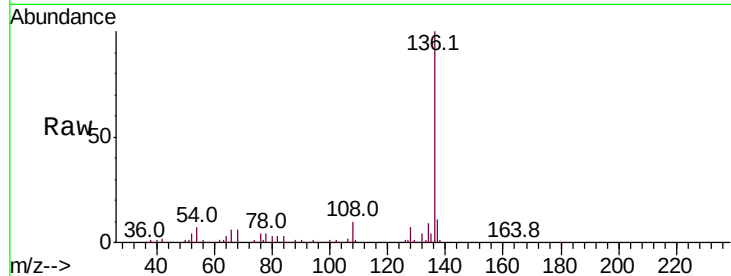
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.10 min Scan# 1022
Delta R.T. -0.03 min
Lab File: BF116272.D
Acq: 15 Aug 2019 12:02

Instrument :
BNA_F
ClientSampleId :
PB122215BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	605698		
137	11.3		9.0	13.4
54	7.1		5.8	8.6
68	6.3		5.2	7.8

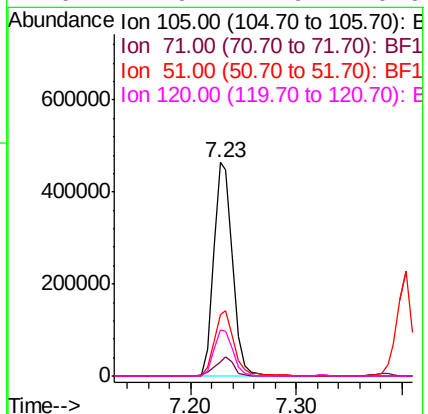
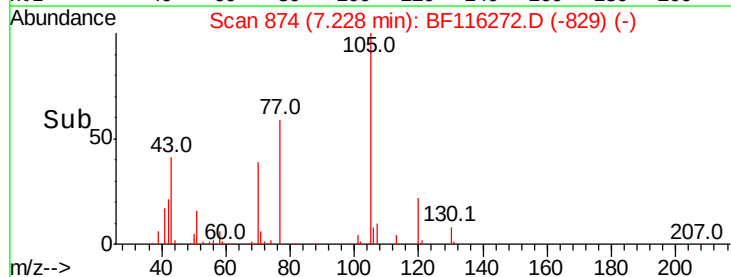
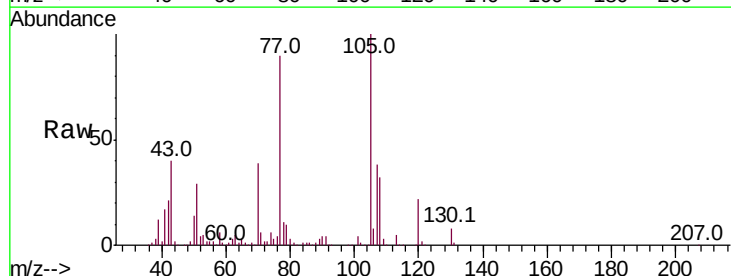
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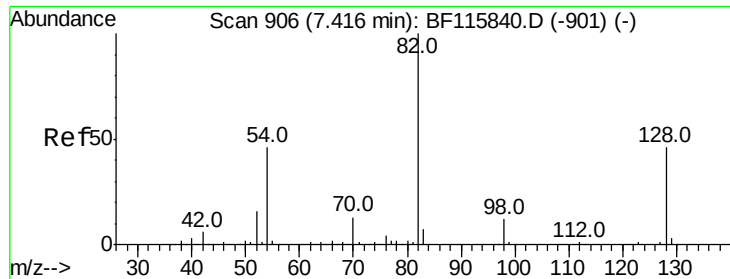
Jagrut
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#22
Acetophenone
Concen: 43.940 ng
RT: 7.23 min Scan# 874
Delta R.T. -0.04 min
Lab File: BF116272.D
Acq: 15 Aug 2019 12:02

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	583693		
71	6.5		5.9	8.9
51	28.7		25.3	37.9
120	21.9		17.9	26.9





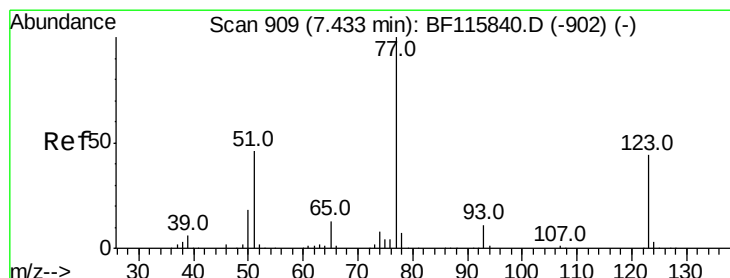
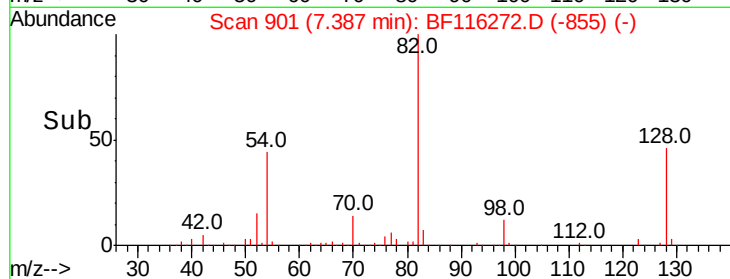
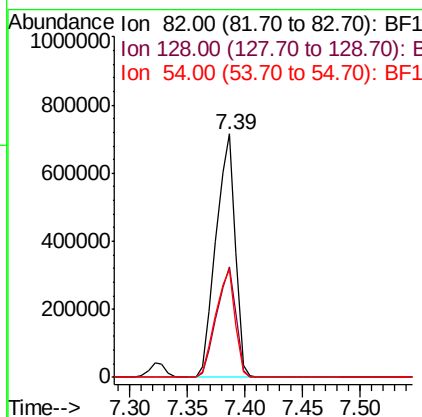
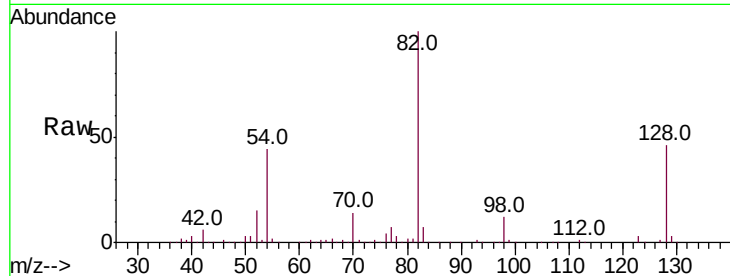
#23
 Nitrobenzene-d5
 Concen: 79.606 ng
 RT: 7.39 min Scan# 901
 Delta R.T. -0.03 min
 Lab File: BF116272.D
 Acq: 15 Aug 2019 12:02

Instrument :
 BNA_F
 ClientSampleId :
 PB122215BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	45.5	36.5	54.7	
54	44.3	36.0	54.0	

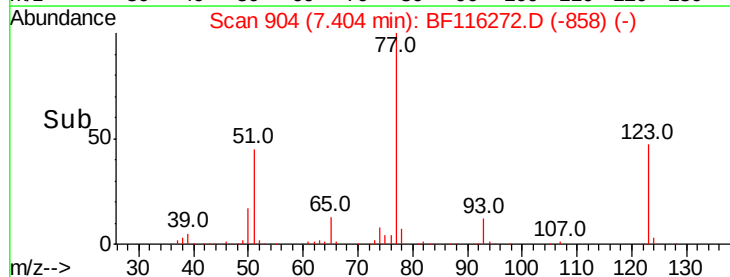
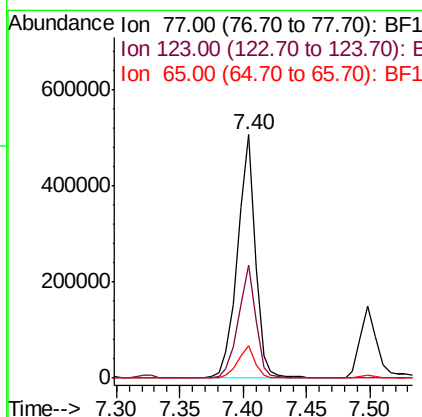
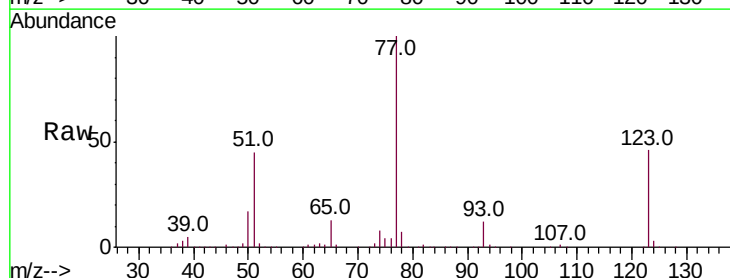
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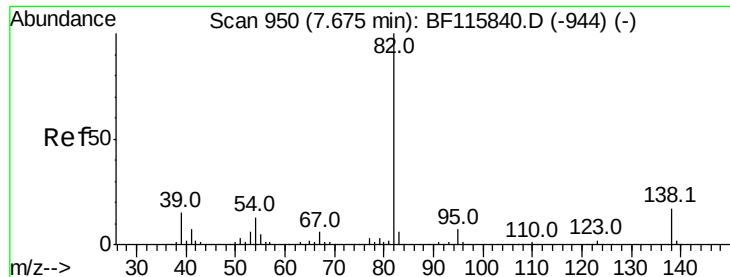
Jagrut
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#24
 Nitrobenzene
 Concen: 43.039 ng
 RT: 7.40 min Scan# 904
 Delta R.T. -0.03 min
 Lab File: BF116272.D
 Acq: 15 Aug 2019 12:02

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	46.4	36.7	55.1	
65	13.1	10.6	16.0	





#25

Isophorone

Concen: 44.695 ng

RT: 7.64 min Scan# 944

Delta R.T. -0.04 min

Lab File: BF116272.D

Acq: 15 Aug 2019 12:02

Instrument :

BNA_F

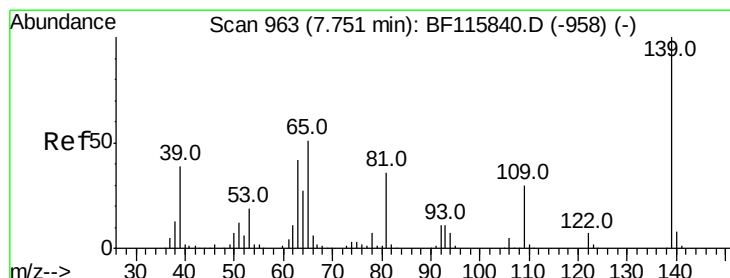
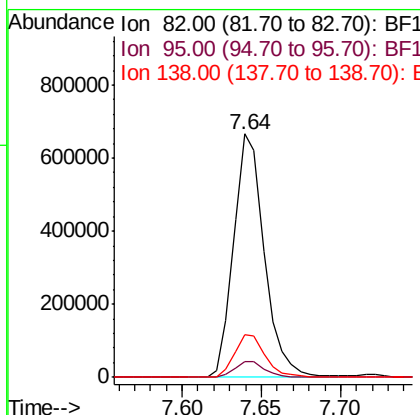
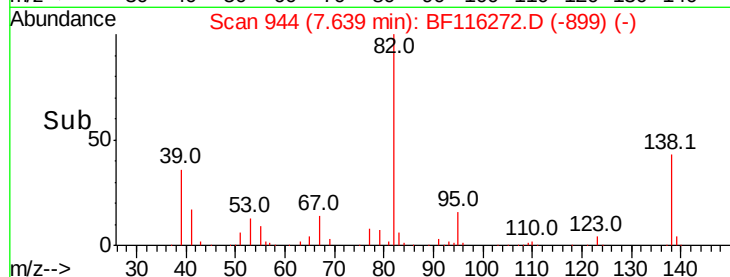
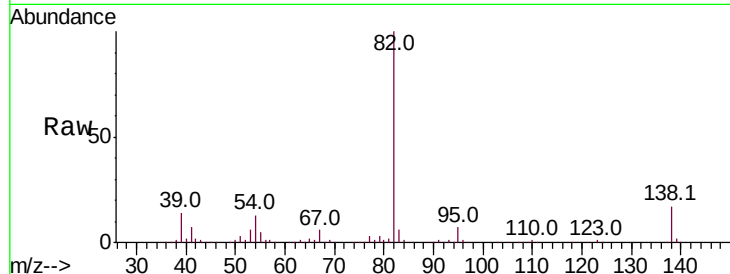
ClientSampleId :

PB122215BS

Tot Ion	82	Resp	896788
Ion Ratio	Lower	Upper	
82	100		
95	6.5	5.4	8.0
138	17.3	14.5	21.7

Manual Integrations
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#26

2-Nitrophenol

Concen: 45.881 ng

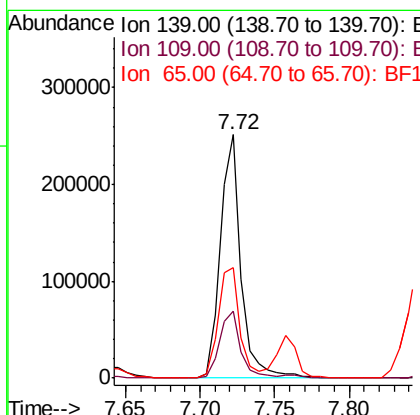
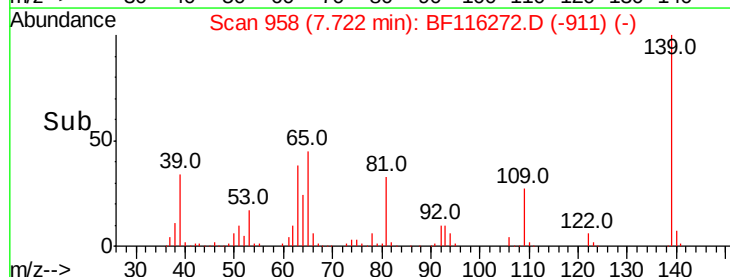
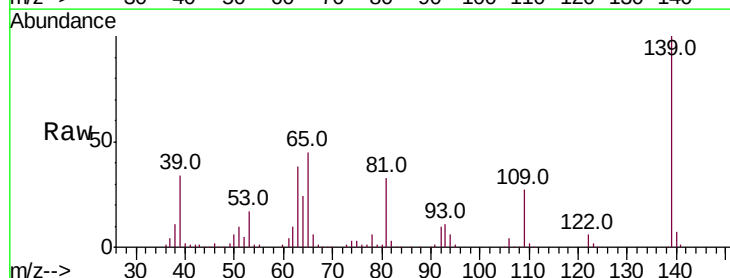
RT: 7.72 min Scan# 958

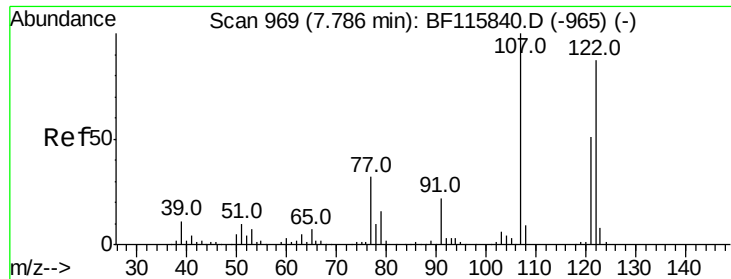
Delta R.T. -0.02 min

Lab File: BF116272.D

Acq: 15 Aug 2019 12:02

Tgt Ion	139	Resp	245044
Ion Ratio	Lower	Upper	
139	100		
109	27.4	23.4	35.2
65	45.5	41.1	61.7





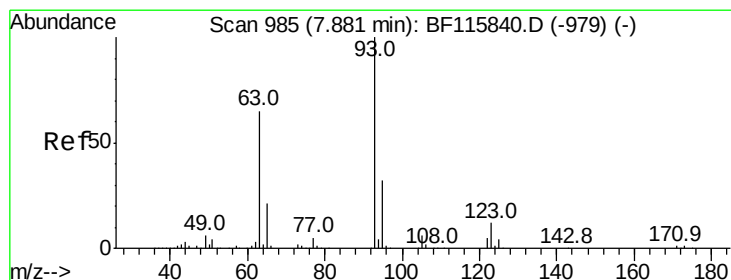
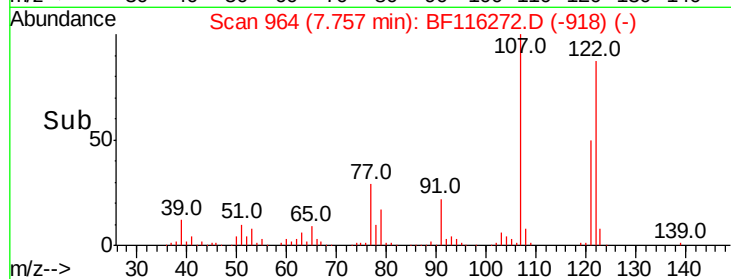
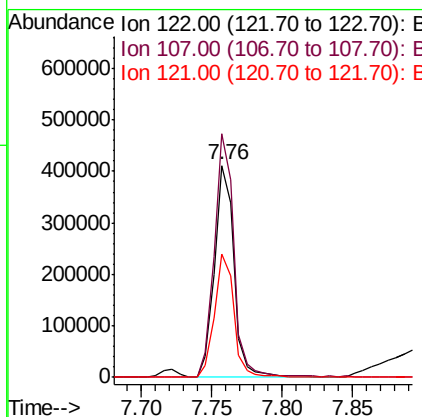
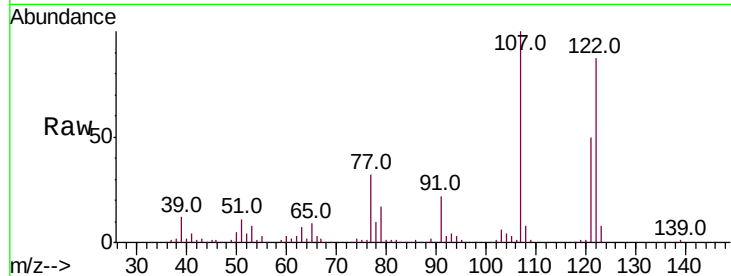
#27
2,4-Dimethylphenol
Concen: 49.154 ng
RT: 7.76 min Scan# 964
Delta R.T. -0.03 min
Lab File: BF116272.D
Acq: 15 Aug 2019 12:02

Instrument :
BNA_F
ClientSampleId :
PB122215BS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	394960		
107	114.8	93.0	139.6	
121	57.9	47.6	71.4	

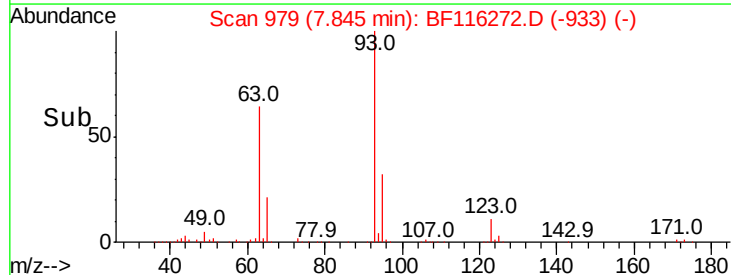
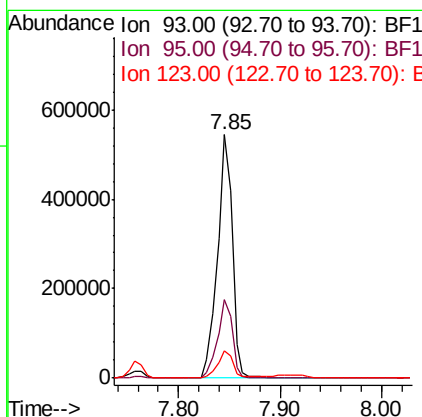
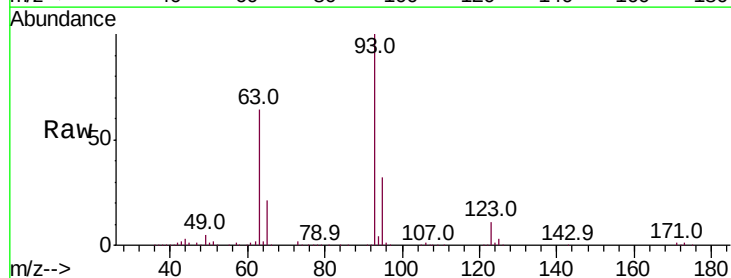
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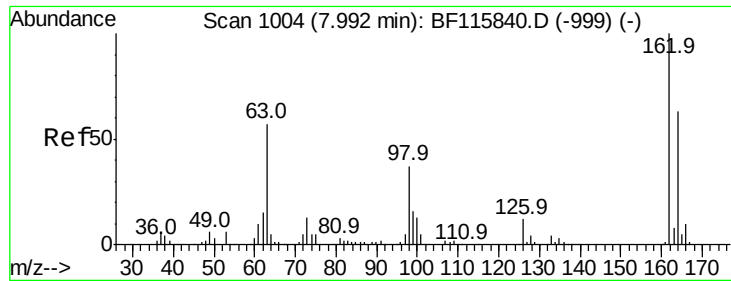
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#28
bis(2-Chloroethoxy)methane
Concen: 44.614 ng
RT: 7.85 min Scan# 979
Delta R.T. -0.03 min
Lab File: BF116272.D
Acq: 15 Aug 2019 12:02

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	554839		
95	32.4	26.2	39.4	
123	11.0	9.2	13.8	





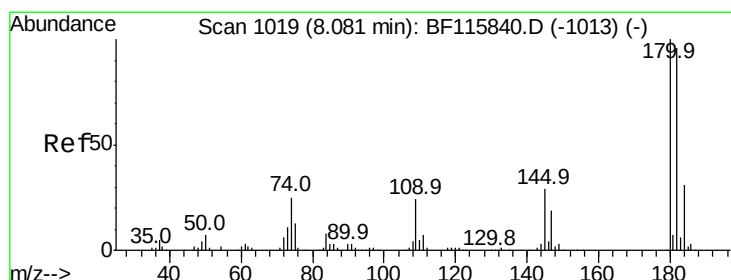
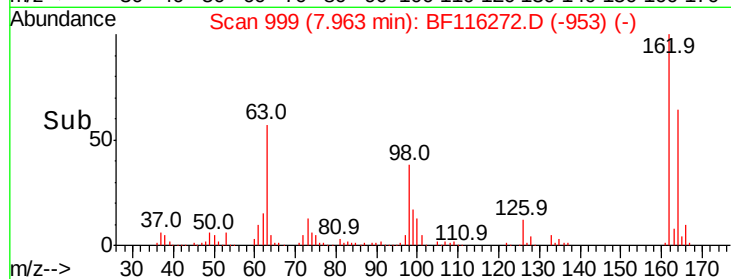
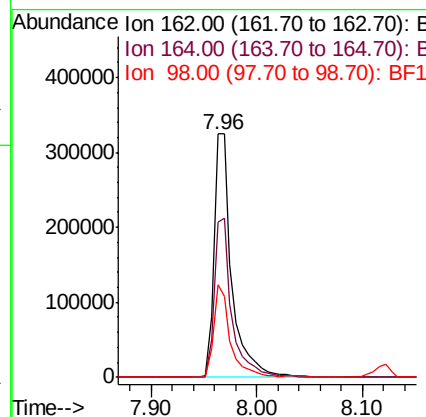
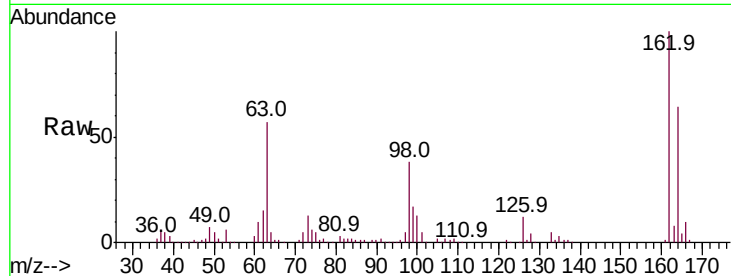
#29
 2,4-Dichlorophenol
 Concen: 45.470 ng
 RT: 7.96 min Scan# 999
 Delta R.T. -0.03 min
 Lab File: BF116272.D
 Acq: 15 Aug 2019 12:02

Instrument :
 BNA_F
 ClientSampleId :
 PB122215BS

Tot Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	63.7	45.1	85.1
98	38.0	15.8	55.8

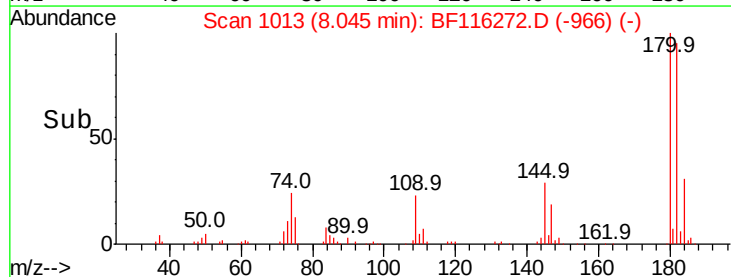
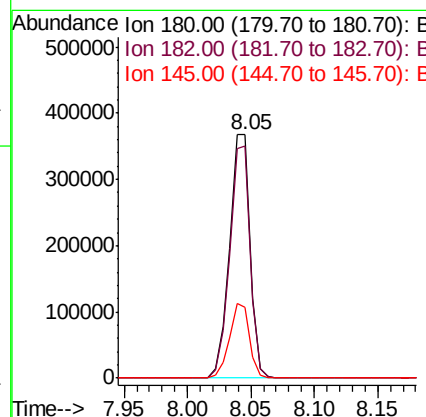
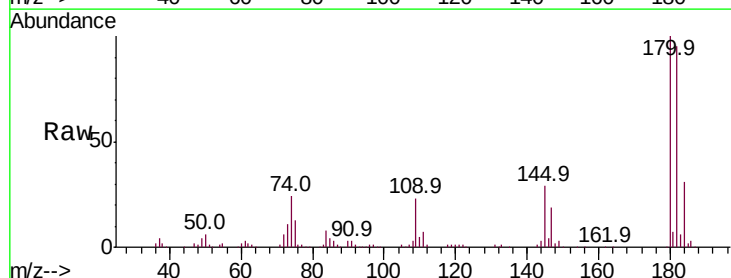
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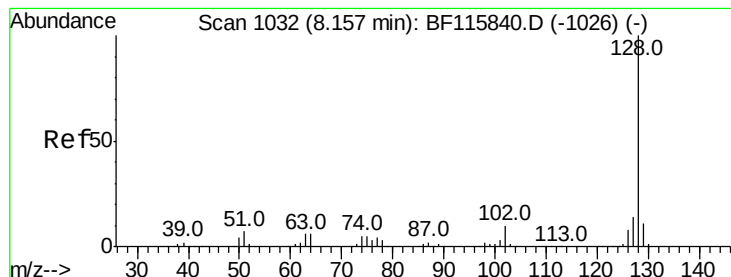
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#30
 1,2,4-Trichlorobenzene
 Concen: 42.455 ng
 RT: 8.05 min Scan# 1013
 Delta R.T. -0.02 min
 Lab File: BF116272.D
 Acq: 15 Aug 2019 12:02

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	95.3	75.7	113.5
145	29.0	24.3	36.5





#31

Naphthalene

Concen: 44.131 ng

RT: 8.12 min Scan# 1026

Delta R.T. -0.03 min

Lab File: BF116272.D

Acq: 15 Aug 2019 12:02

Instrument :

BNA_F

ClientSampleId :

PB122215BS

Tot Ion:128 Resp: 1257848

Ion Ratio Lower Upper

128 100

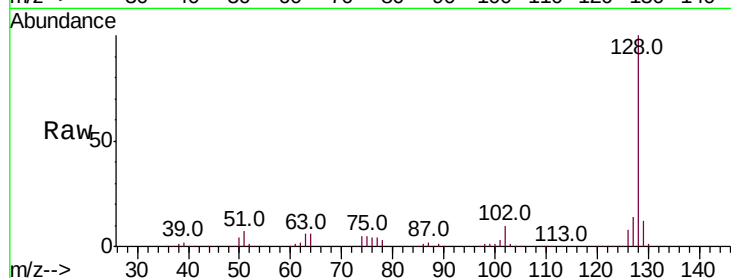
129 11.6 9.3 13.9

127 13.9 11.4 17.0

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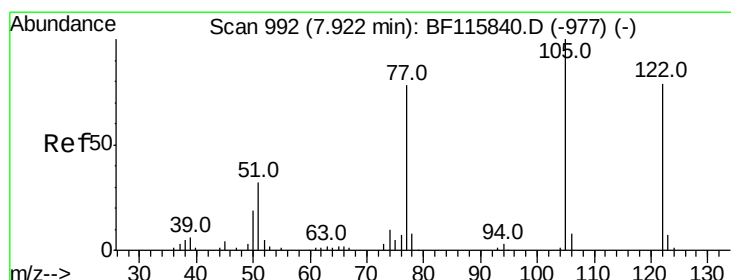
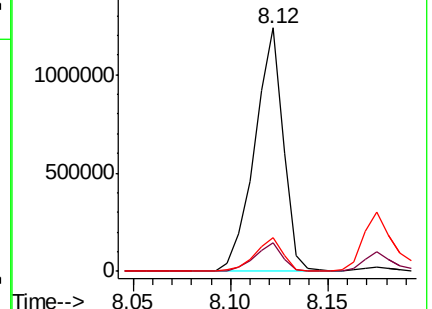
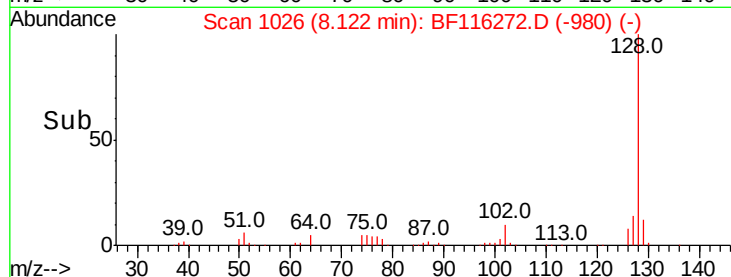
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 43.420 ng

RT: 7.92 min Scan# 992

Delta R.T. -0.02 min

Lab File: BF116272.D

Acq: 15 Aug 2019 12:02

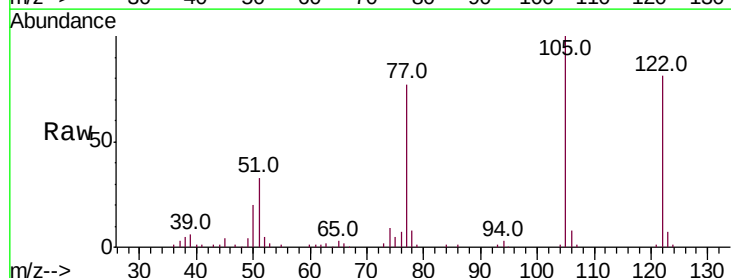
Tgt Ion:122 Resp: 245979

Ion Ratio Lower Upper

122 100

105 123.0 106.1 146.1

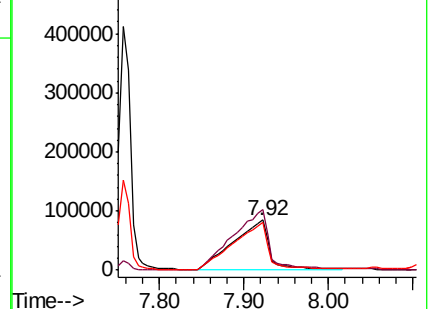
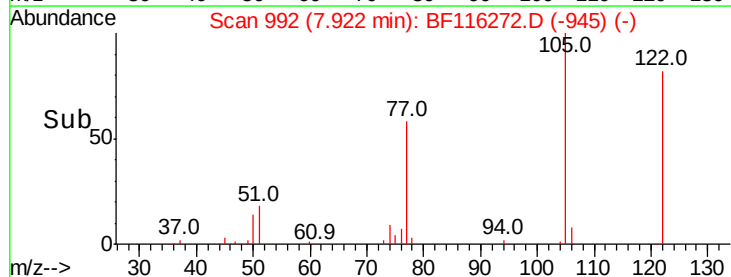
77 95.2 76.7 116.7

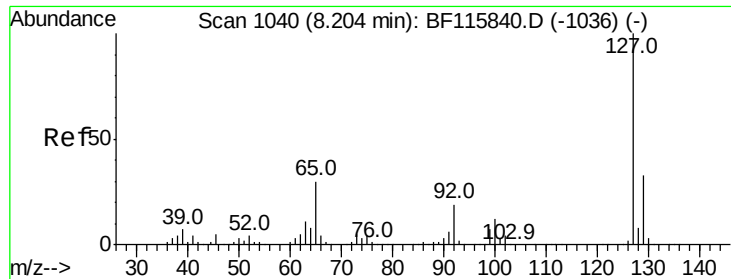


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





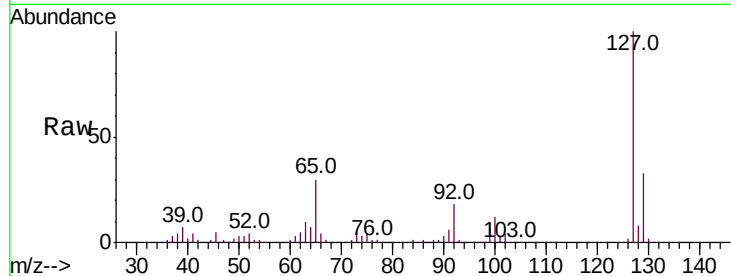
#33
4-Chloroaniline
Concen: 27.743 ng
RT: 8.17 min Scan# 1035
Delta R.T. -0.02 min
Lab File: BF116272.D
Acq: 15 Aug 2019 12:02

Instrument :
BNA_F
ClientSampleId :
PB122215BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		353310		
129	32.6	26.1	39.1		
65	29.6	24.9	37.3		
92	18.4	15.7	23.5		

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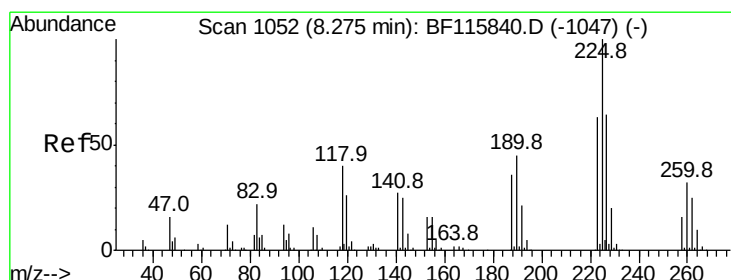
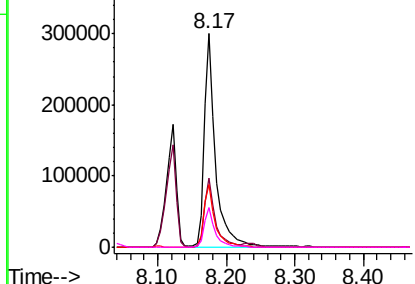
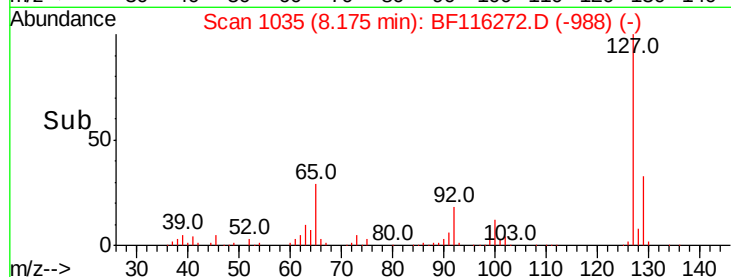
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

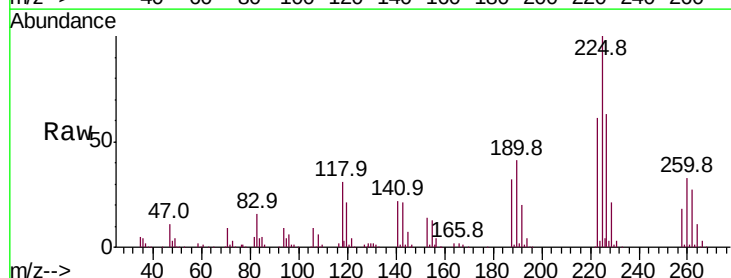
Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34
Hexachlorobutadiene
Concen: 41.750 ng
RT: 8.24 min Scan# 1046
Delta R.T. -0.03 min
Lab File: BF116272.D
Acq: 15 Aug 2019 12:02

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		232571		
223	61.4	50.0	75.0		
227	63.3	51.0	76.4		

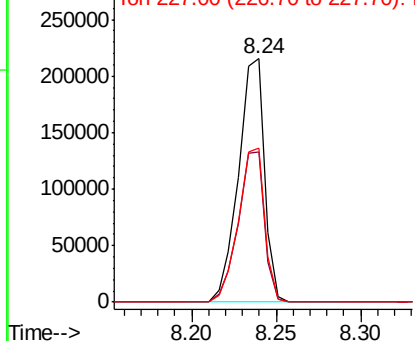
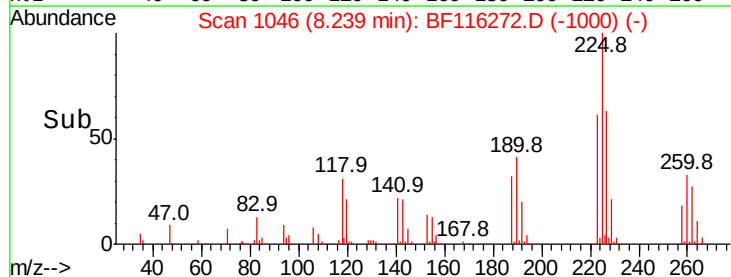


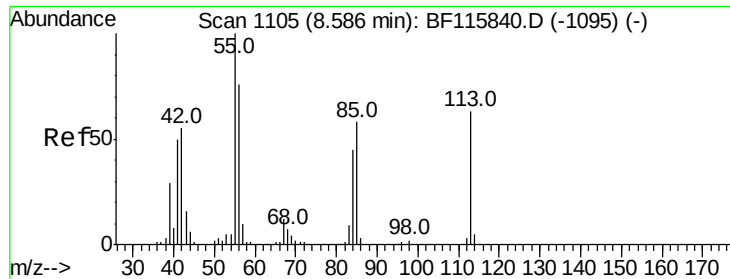
Abundance

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





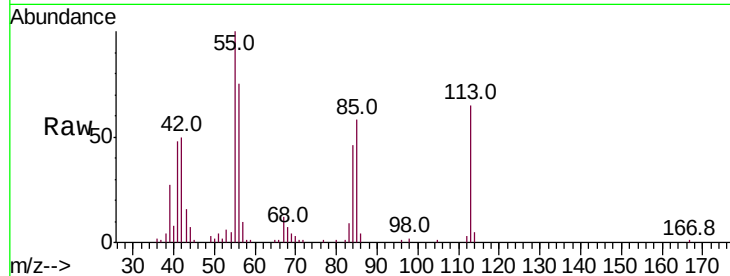
#35
 Caprolactam
 Concen: 41.849 ng/ml
 RT: 8.56 min Scan# 1100
 Delta R.T. -0.04 min
 Lab File: BF116272.D
 Acq: 15 Aug 2019 12:02

Instrument :
 BNA_F
 ClientSampleId :
 PB122215BS

Tot Ion	Ratio	Lower	Upper
113	100		
55	153.3	144.3	184.3
56	114.7	97.1	137.1

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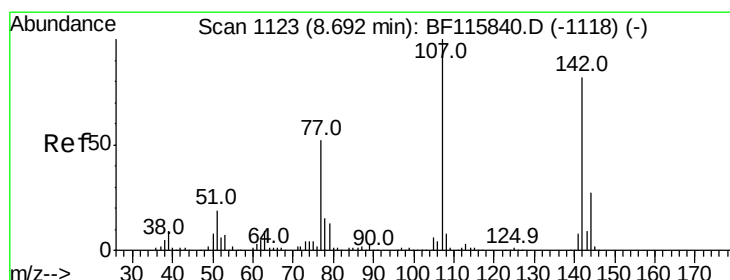
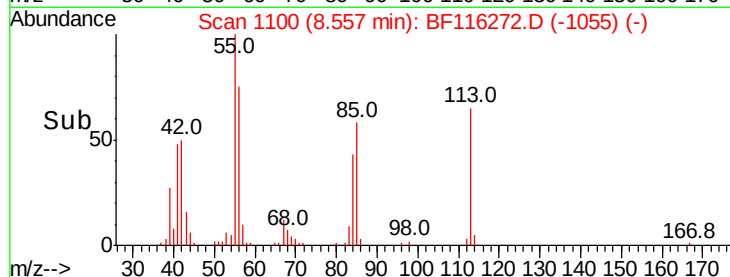
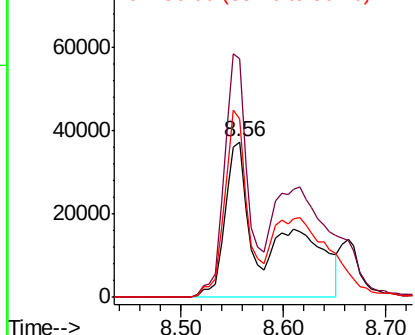


Abundance

Ion 113.00 (112.70 to 113.70): E

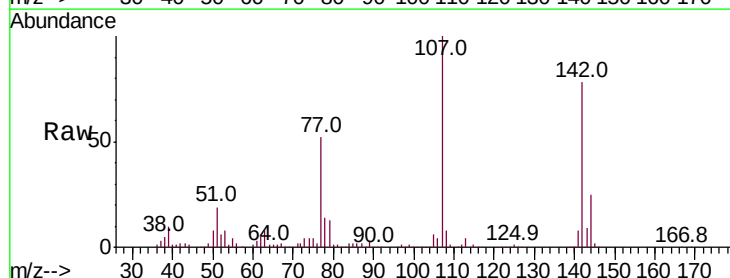
Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36
 4-Chloro-3-methylphenol
 Concen: 45.715 ng
 RT: 8.66 min Scan# 1118
 Delta R.T. -0.02 min
 Lab File: BF116272.D
 Acq: 15 Aug 2019 12:02

Tgt Ion	Ratio	Lower	Upper
107	100		
144	24.9	20.2	30.2
142	78.4	61.7	92.5

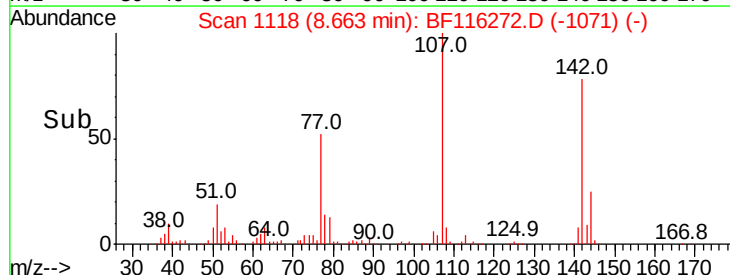
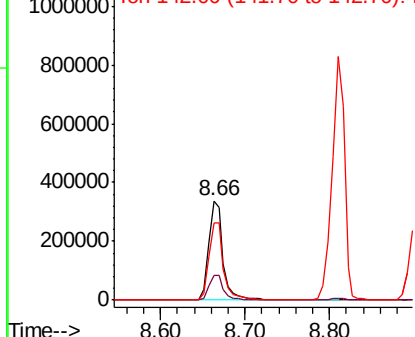


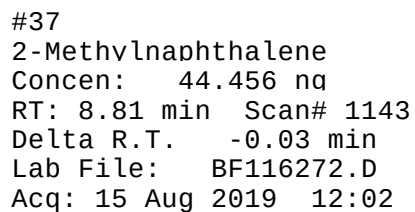
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E



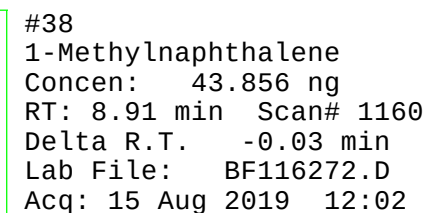
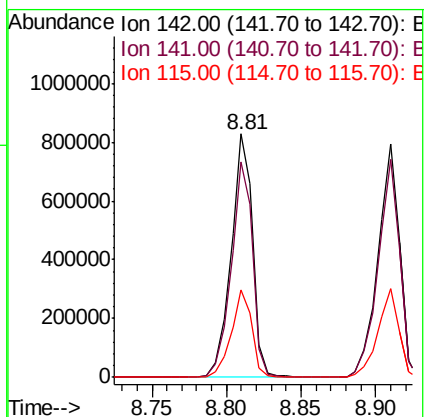


Instrument :
BNA_F
ClientSampleId :
PB122215BS

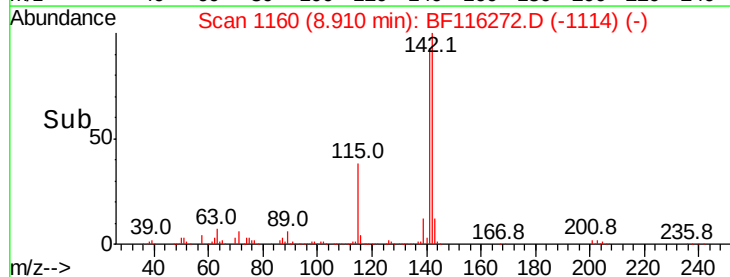
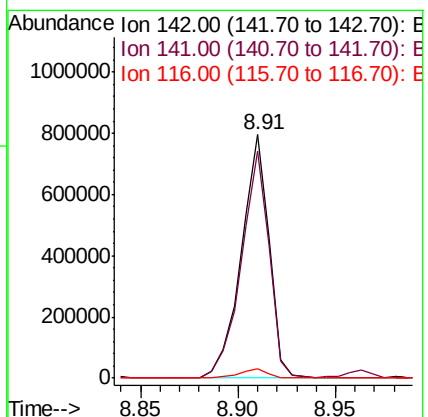
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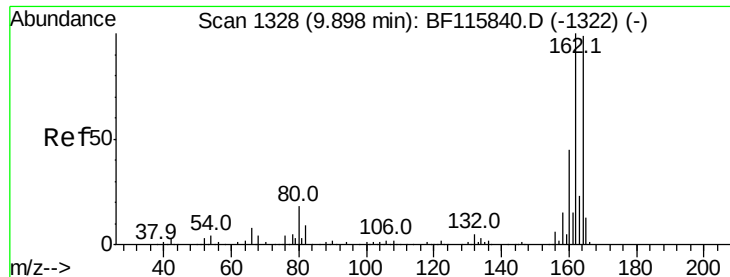
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Tot	Ion:142	Resp:	834520
Ion	Ratio	Lower	Upper
142	100		
141	88.4	70.9	106.3
115	36.0	29.0	43.6



Tgt	Ion:142	Resp:	778820
Ion	Ratio	Lower	Upper
142	100		
141	93.0	74.4	111.6
116	4.0	3.1	4.7





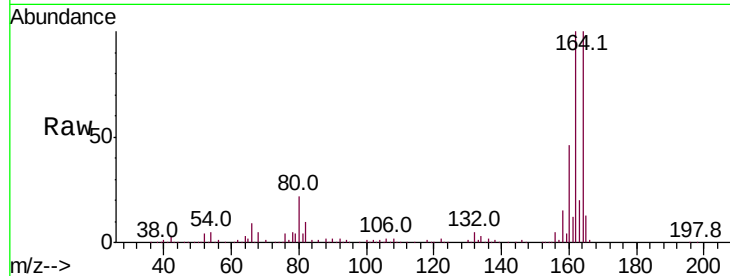
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.85 min Scan# 1320
 Delta R.T. -0.04 min
 Lab File: BF116272.D
 Acq: 15 Aug 2019 12:02

Instrument :
 BNA_F
 ClientSampleId :
 PB122215BS

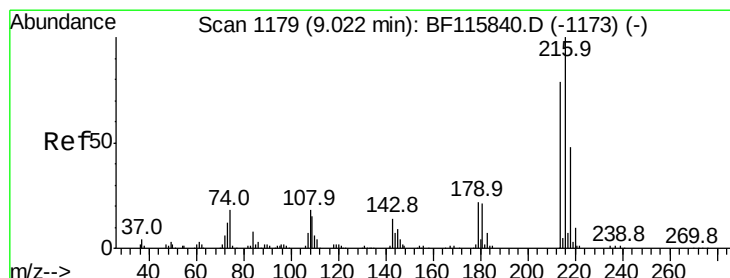
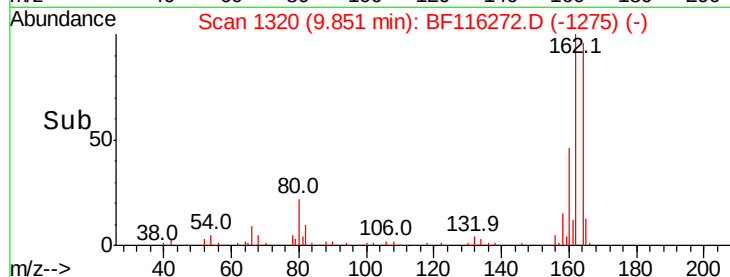
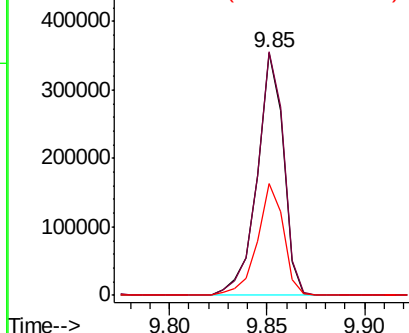
Tot Ion:	164	Resp:	330677
Ion Ratio	Lower	Upper	
164	100		
162	100.3	82.6	124.0
160	46.2	37.6	56.4

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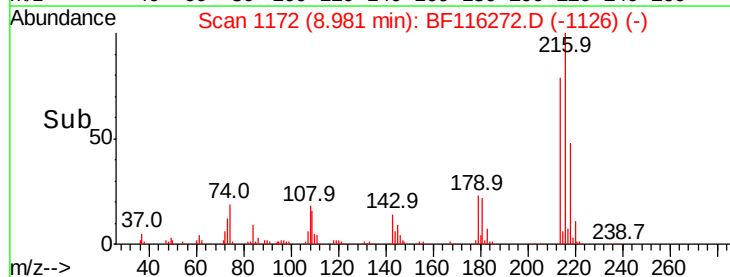
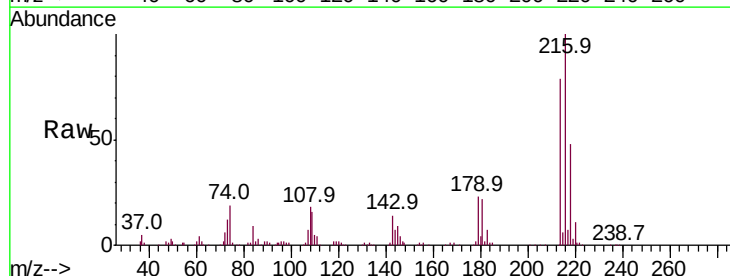
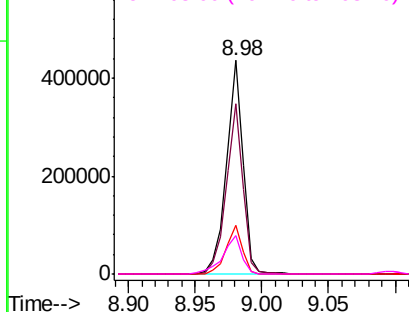
Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

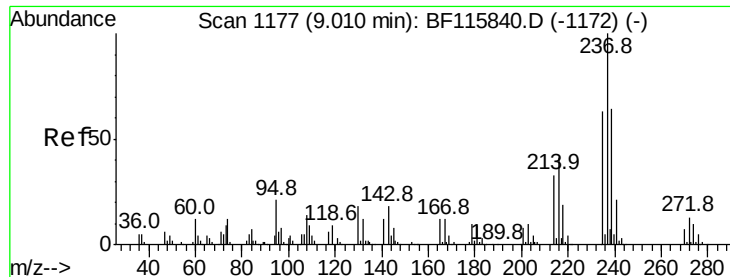


#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 43.656 ng
 RT: 8.98 min Scan# 1172
 Delta R.T. -0.03 min
 Lab File: BF116272.D
 Acq: 15 Aug 2019 12:02

Tgt Ion:	216	Resp:	385937
Ion Ratio	Lower	Upper	
216	100		
214	79.6	63.6	95.4
179	22.3	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





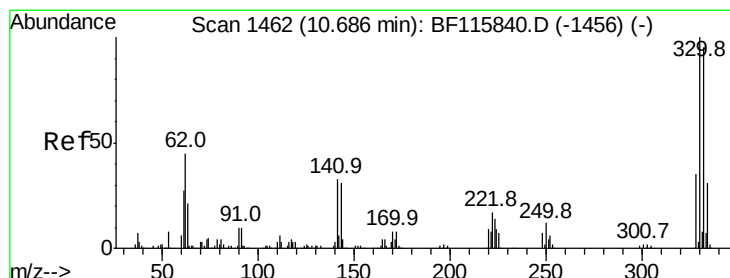
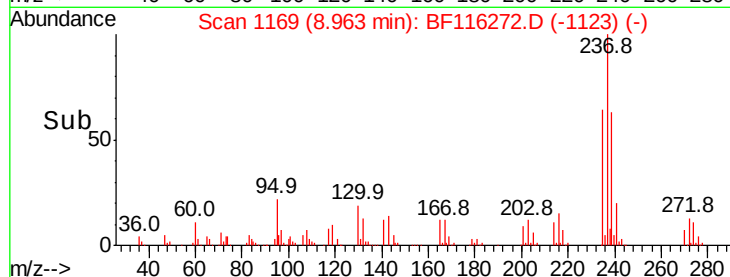
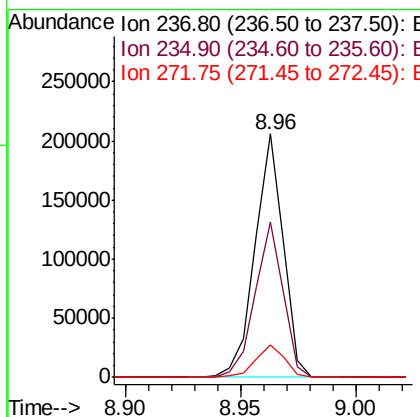
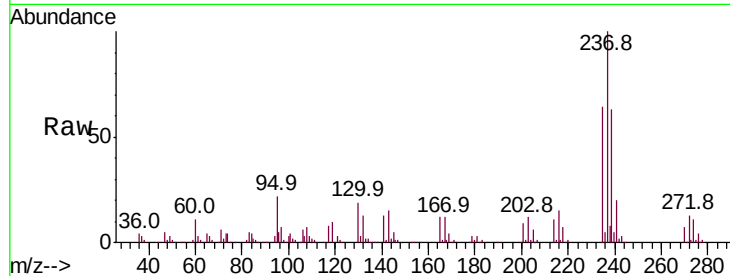
#41
Hexachlorocyclopentadiene
Concen: 46.994 ng
RT: 8.96 min Scan# 1169
Delta R.T. -0.03 min
Lab File: BF116272.D
Acq: 15 Aug 2019 12:02

Instrument :
BNA_F
ClientSampleId :
PB122215BS

Tot Ion	Ratio	Resp Lower	Upper
237	100		
235	64.0	43.4	83.4
272	13.3	0.0	33.2

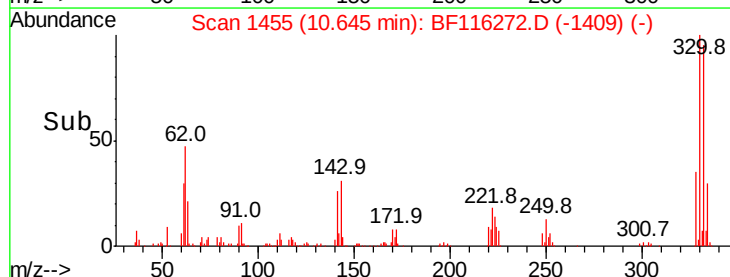
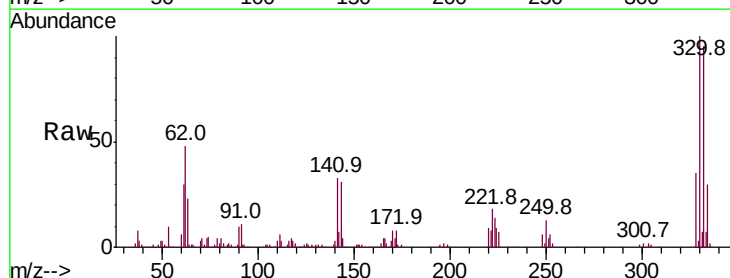
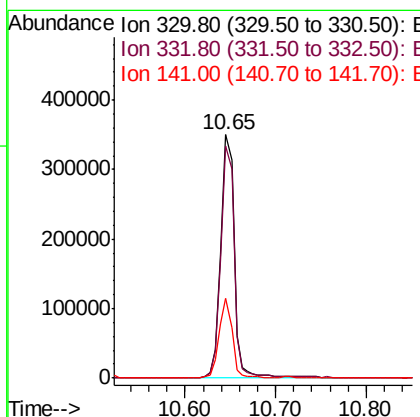
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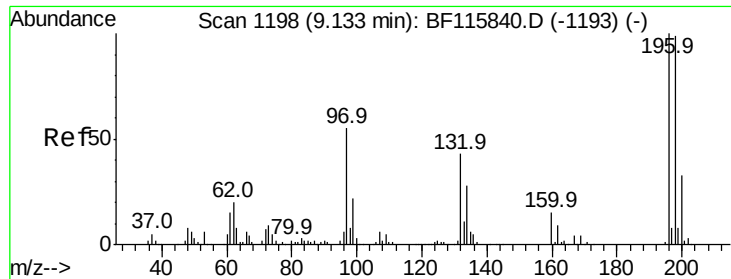
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#42
2,4,6-Tribromophenol
Concen: 112.707 ng
RT: 10.65 min Scan# 1455
Delta R.T. -0.03 min
Lab File: BF116272.D
Acq: 15 Aug 2019 12:02

Tgt Ion	Ratio	Resp Lower	Upper
330	100		
332	95.6	76.8	115.2
141	31.8	26.3	39.5





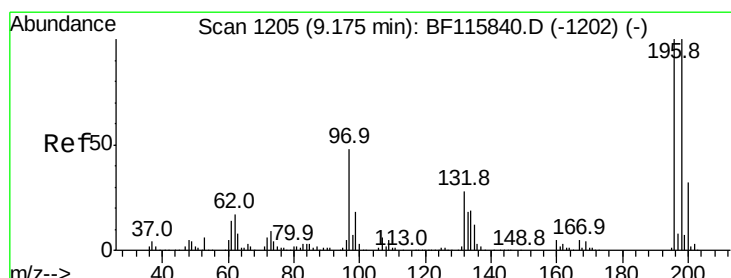
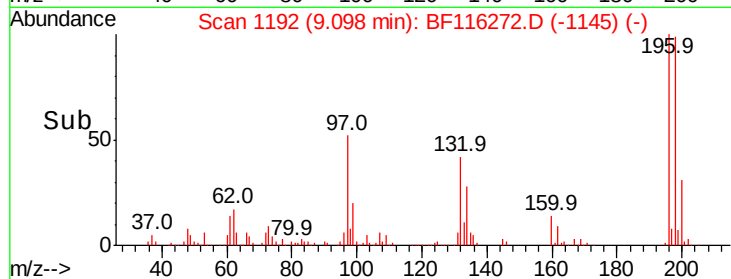
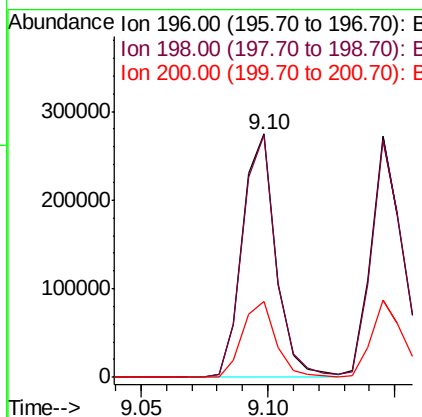
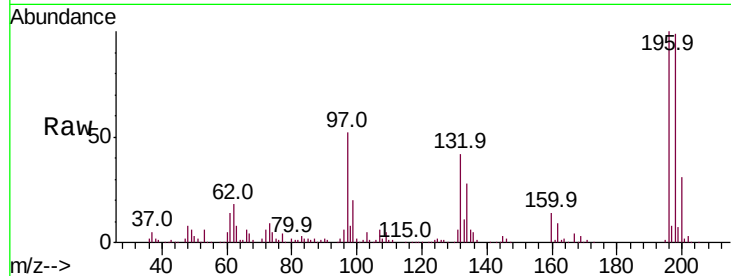
#43
 2,4,6-Trichlorophenol
 Concen: 41.654 ng
 RT: 9.10 min Scan# 1192
 Delta R.T. -0.02 min
 Lab File: BF116272.D
 Acq: 15 Aug 2019 12:02

Instrument :
 BNA_F
 ClientSampled :
 PB122215BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	253461		
198	99.3	79.2	118.8	
200	31.4	25.2	37.8	

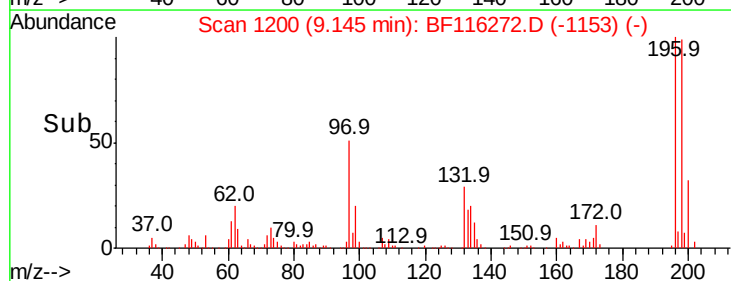
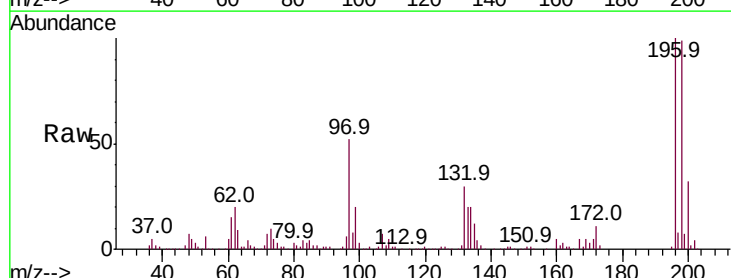
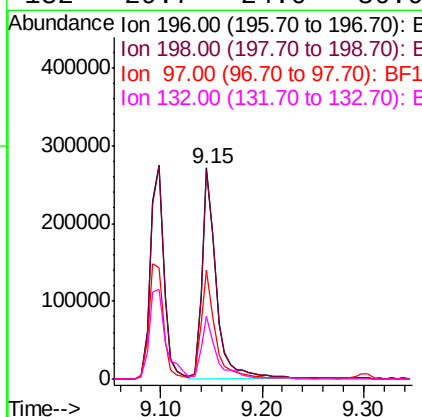
Manual Integrations
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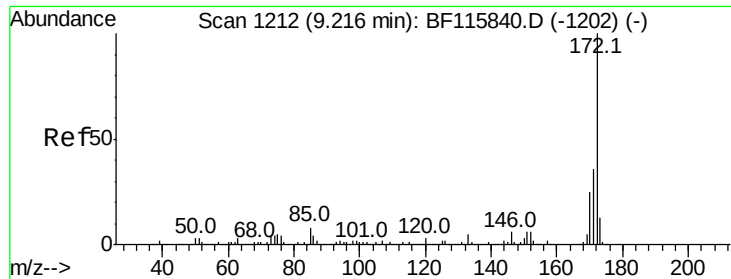
Jagrut
 8/16/2019 5:32:39 PM



#44
 2,4,5-Trichlorophenol
 Concen: 41.998 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. -0.02 min
 Lab File: BF116272.D
 Acq: 15 Aug 2019 12:02

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	264167		
198	98.8	78.8	118.2	
97	51.6	42.2	63.4	
132	29.7	24.0	36.0	





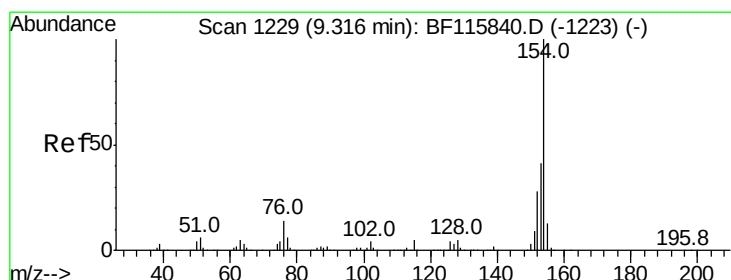
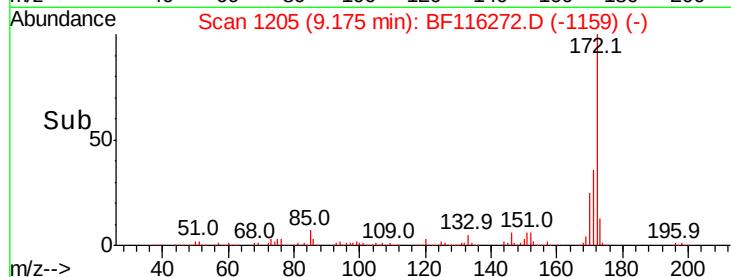
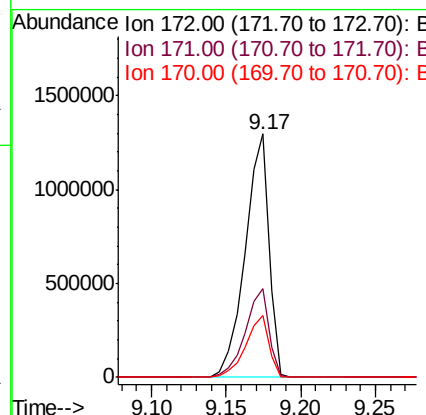
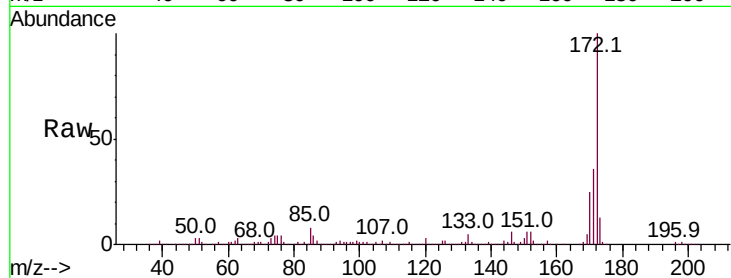
#45
2-Fluorobiphenyl
Concen: 81.290 ng
RT: 9.17 min Scan# 1205
Delta R.T. -0.03 min
Lab File: BF116272.D
Acq: 15 Aug 2019 12:02

Instrument :
BNA_F
ClientSampleId :
PB122215BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.6	44.4
170	25.1	20.1	30.1

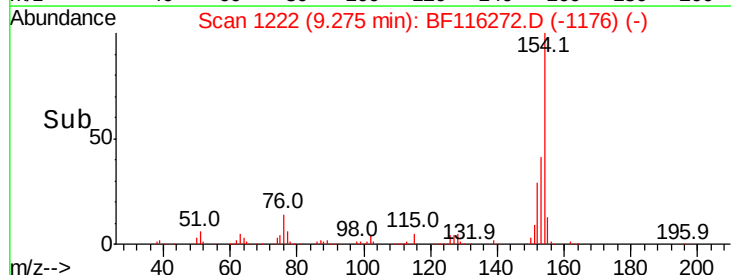
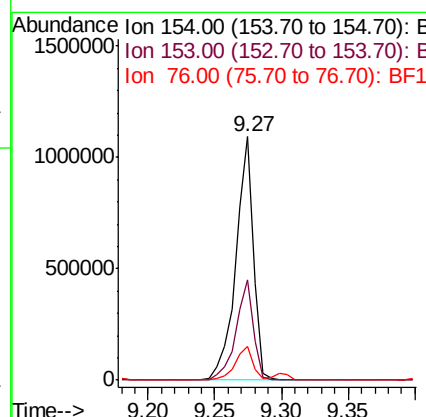
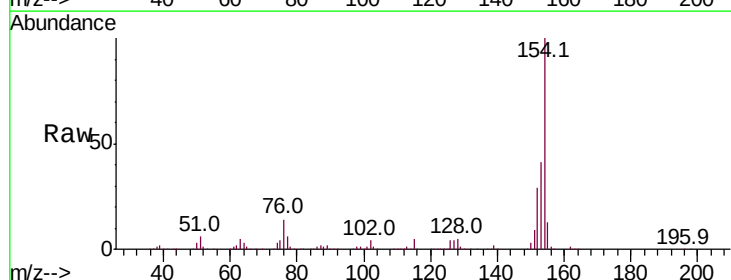
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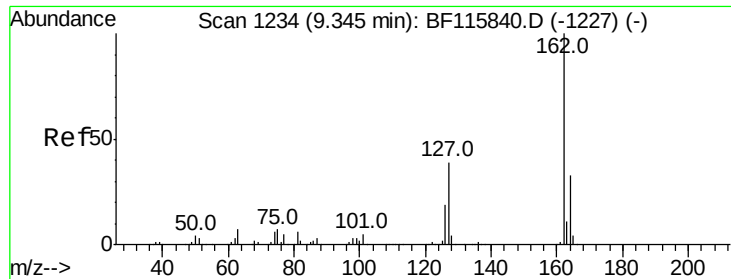
Jagrut
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#46
1,1'-Biphenyl
Concen: 43.609 ng
RT: 9.27 min Scan# 1222
Delta R.T. -0.03 min
Lab File: BF116272.D
Acq: 15 Aug 2019 12:02

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.2	21.4	61.4
76	13.8	0.0	35.2





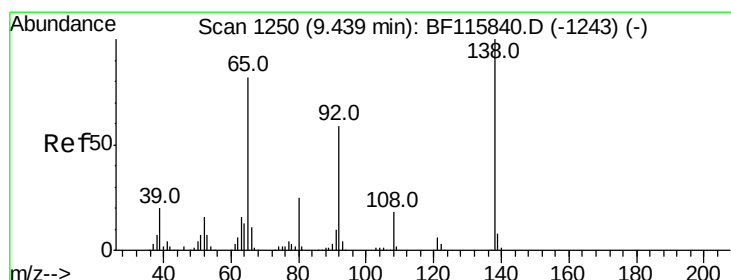
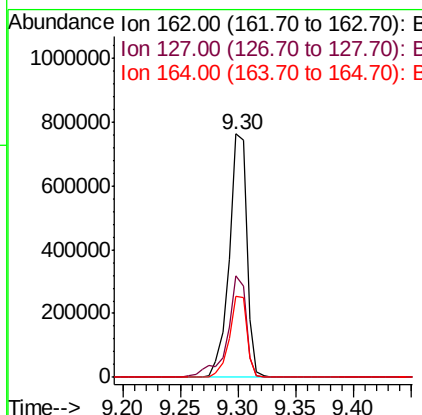
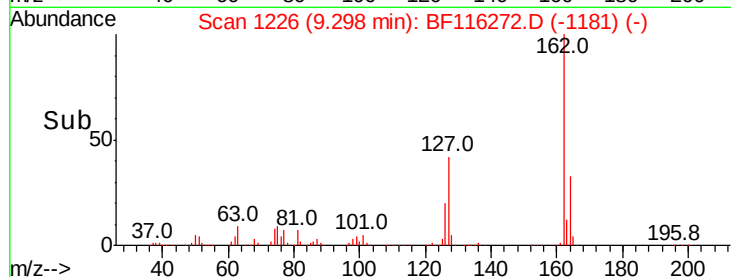
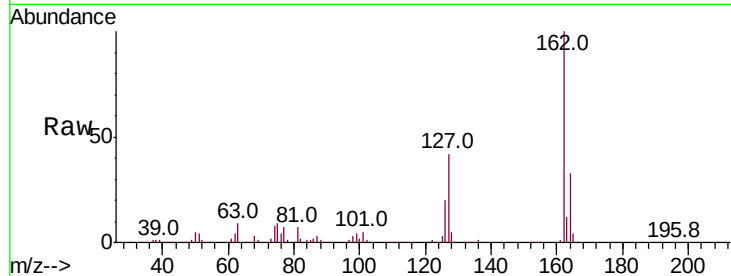
#47
 2-Chloronaphthalene
 Concen: 41.484 ng
 RT: 9.30 min Scan# 1226
 Delta R.T. -0.04 min
 Lab File: BF116272.D
 Acq: 15 Aug 2019 12:02

Instrument :
 BNA_F
 ClientSampleId :
 PB122215BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	806048		
127	41.9		32.8	49.2
164	33.1		26.6	39.8

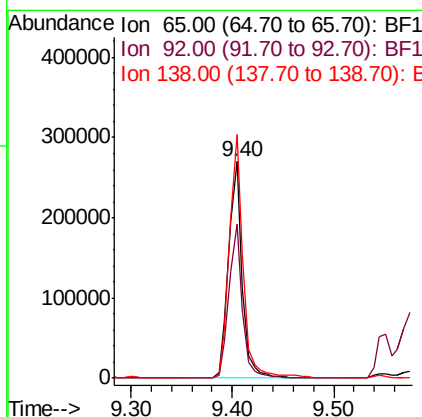
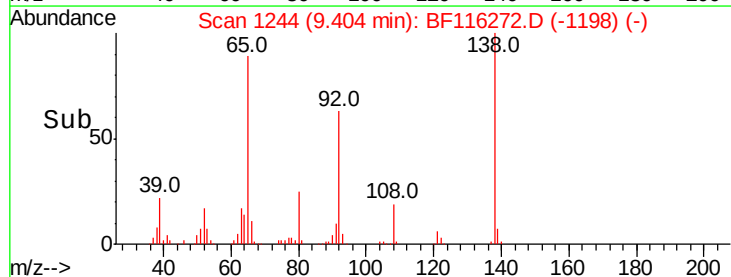
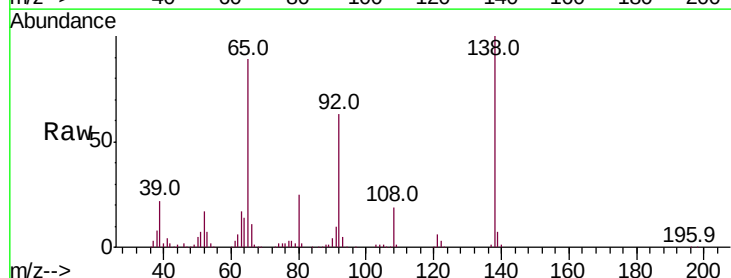
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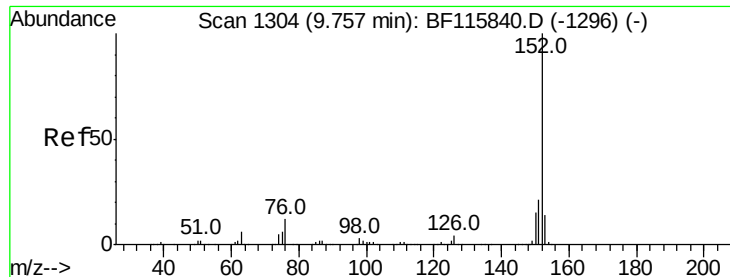
Jagrut
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#48
 2-Nitroaniline
 Concen: 39.647 ng
 RT: 9.40 min Scan# 1244
 Delta R.T. -0.03 min
 Lab File: BF116272.D
 Acq: 15 Aug 2019 12:02

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	254631		
92	71.1		57.8	86.8
138	112.4		94.0	141.0





#49

Acenaphthylene

Concen: 42.058 ng

RT: 9.72 min Scan# 1297

Delta R.T. -0.03 min

Lab File: BF116272.D

Acq: 15 Aug 2019 12:02

Instrument :

BNA_F

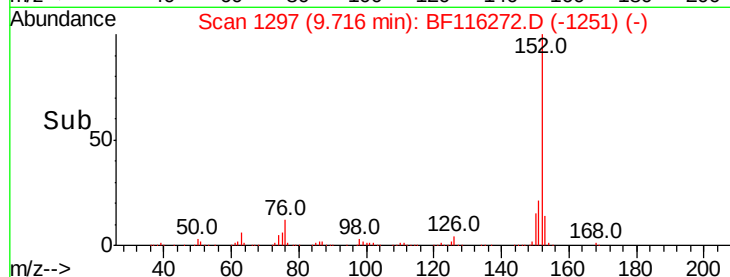
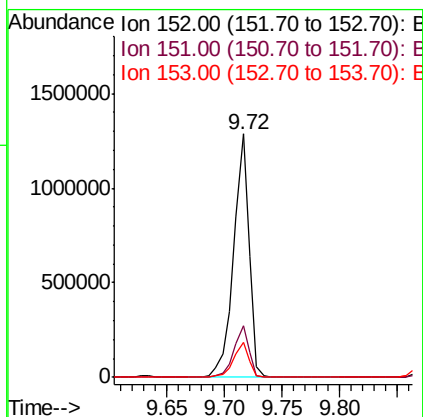
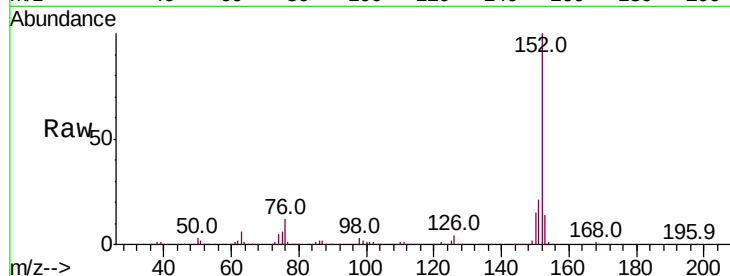
ClientSampleId :

PB122215BS

Tot Ion:152	Resp: 1192237		
Ion Ratio	Lower	Upper	
152	100		
151	21.2	17.2	25.8
153	14.2	11.8	17.8

Manual Integrations
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#50

Dimethylphthalate

Concen: 42.745 ng

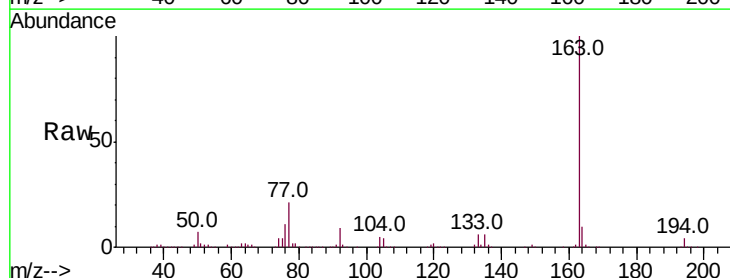
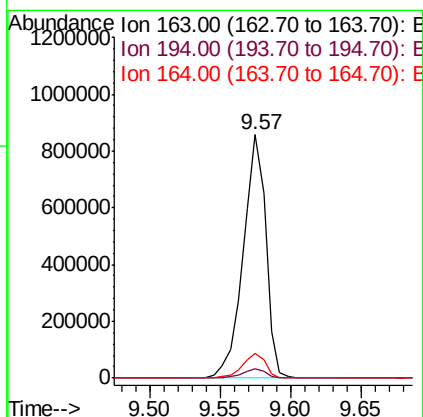
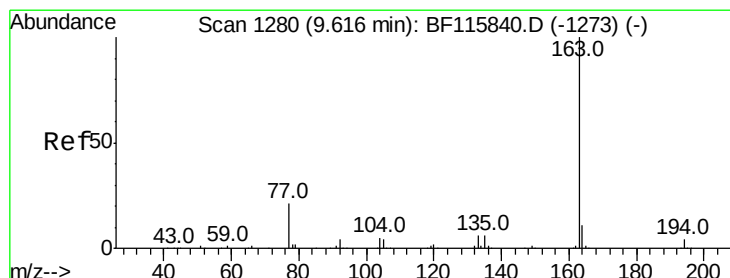
RT: 9.57 min Scan# 1273

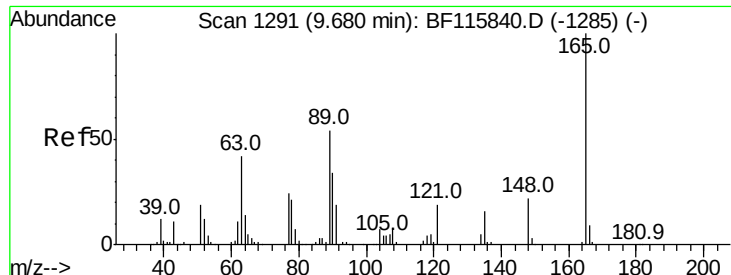
Delta R.T. -0.03 min

Lab File: BF116272.D

Acq: 15 Aug 2019 12:02

Tgt Ion	163	Resp: Lower	962420
	Ratio		Upper
163	100		
194	3.8	3.0	4.6
164	10.4	8.4	12.6





#51

2,6-Dinitrotoluene

Concen: 43.260 ng

RT: 9.65 min Scan# 1285

Delta R.T. -0.03 min

Lab File: BF116272.D

Acq: 15 Aug 2019 12:02

Instrument :

BNA_F

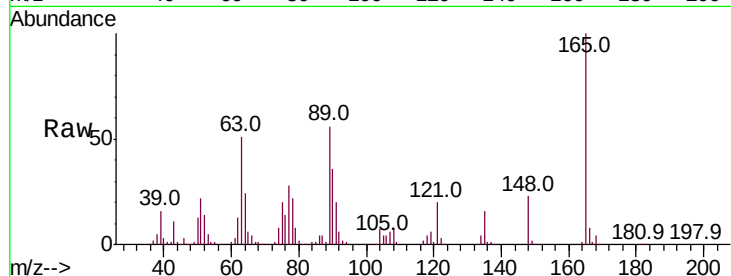
ClientSampleId :

PB122215BS

Tot Ion:	165	Resp:	211672
Ion Ratio	Lower	Upper	
165	100		
63	51.0	38.2	57.2
89	56.1	42.9	64.3

Manual Integrations
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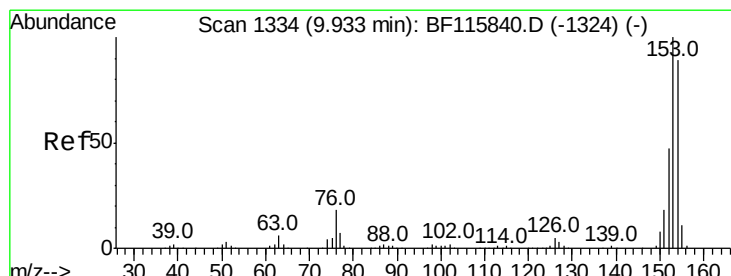
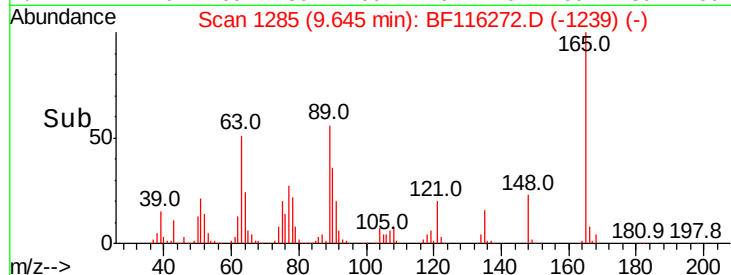
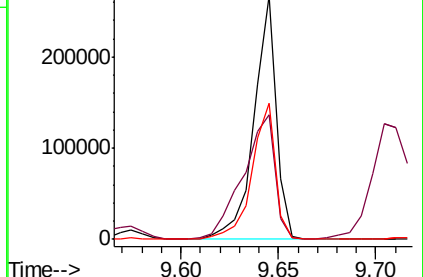
Jagrut
8/16/2019 5:32:39 PM



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#52

Acenaphthene

Concen: 42.081 ng

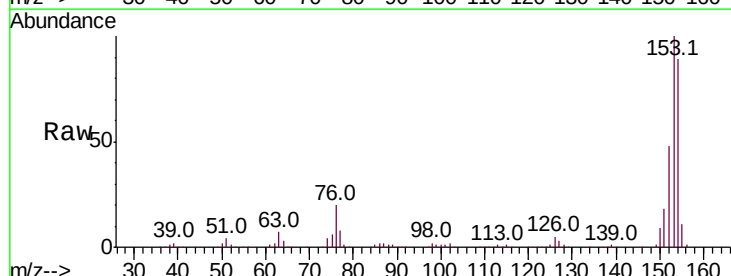
RT: 9.89 min Scan# 1326

Delta R.T. -0.04 min

Lab File: BF116272.D

Acq: 15 Aug 2019 12:02

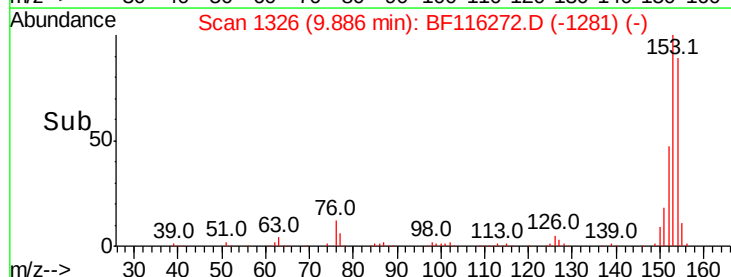
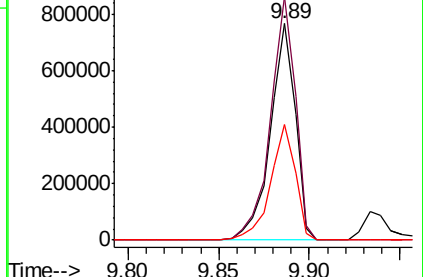
Tgt Ion:	154	Resp:	731809
Ion Ratio	Lower	Upper	
154	100		
153	112.5	89.4	134.0
152	53.6	42.3	63.5

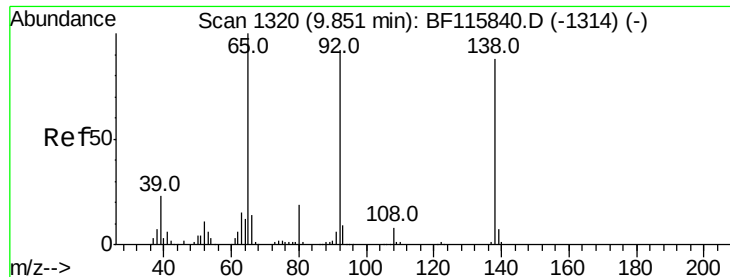


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





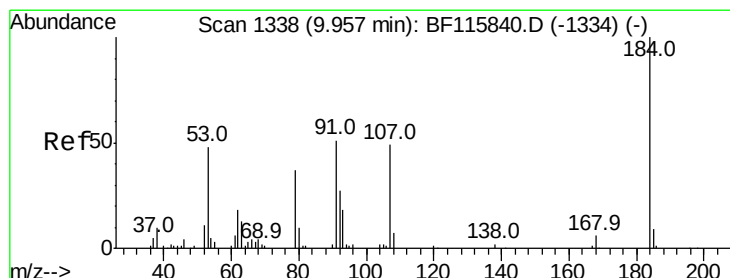
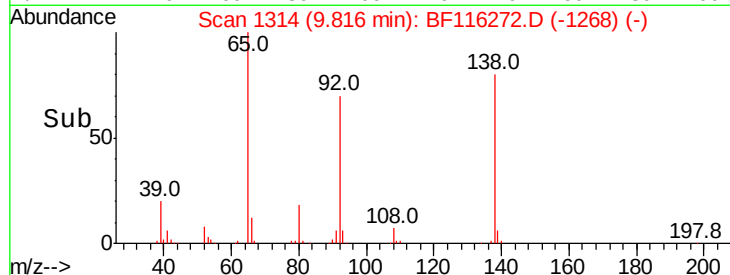
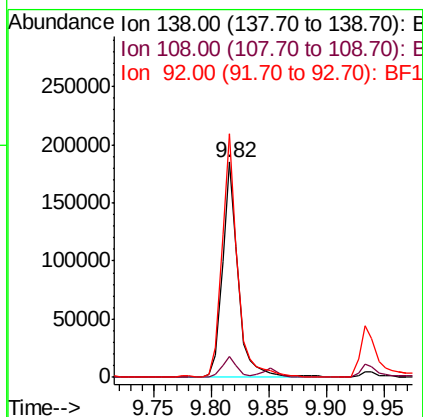
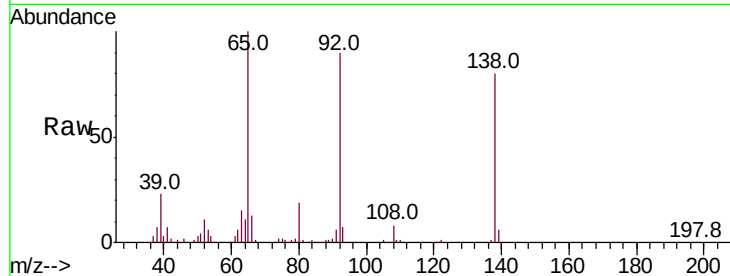
#53
3-Nitroaniline
Concen: 28.641 ng
RT: 9.82 min Scan# 1314
Delta R.T. -0.03 min
Lab File: BF116272.D
Acq: 15 Aug 2019 12:02

Instrument :
BNA_F
ClientSampled :
PB122215BS

Tot Ion	Ratio	Resp	Lower	Upper
138	100	173160		
108	10.0	8.0	12.0	
92	113.2	91.0	136.6	

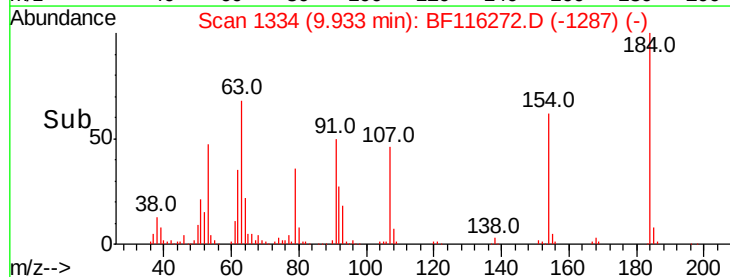
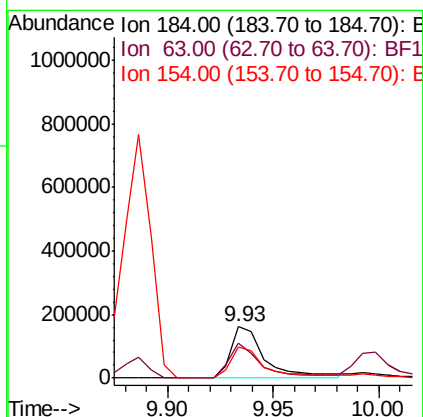
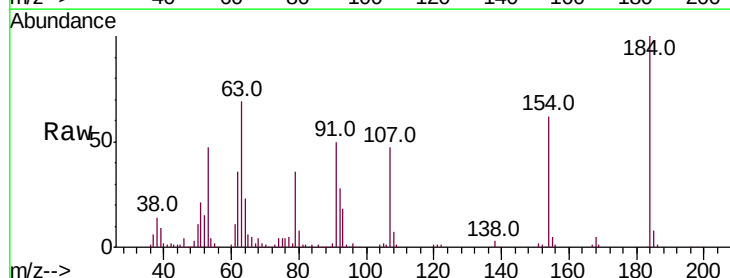
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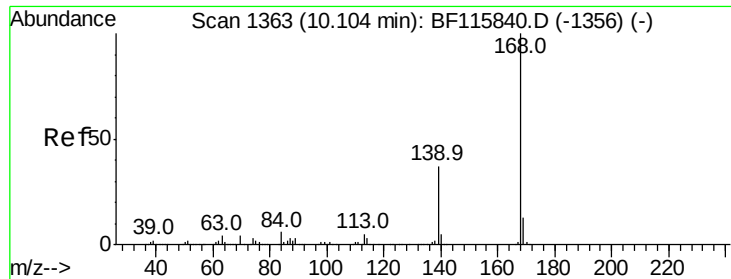
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#54
2,4-Dinitrophenol
Concen: 73.773 ng
RT: 9.93 min Scan# 1334
Delta R.T. -0.02 min
Lab File: BF116272.D
Acq: 15 Aug 2019 12:02

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	181919		
63	68.9	53.0	79.4	
154	61.8	50.1	75.1	





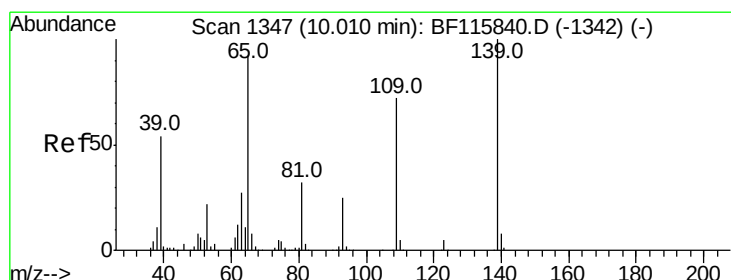
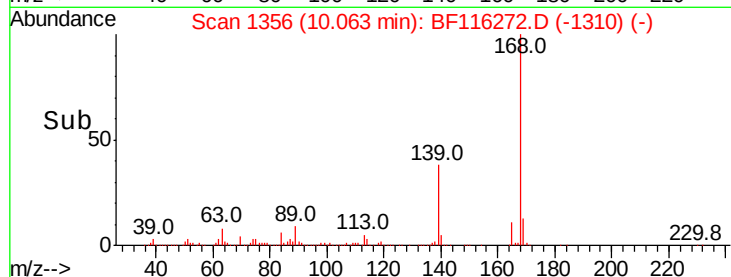
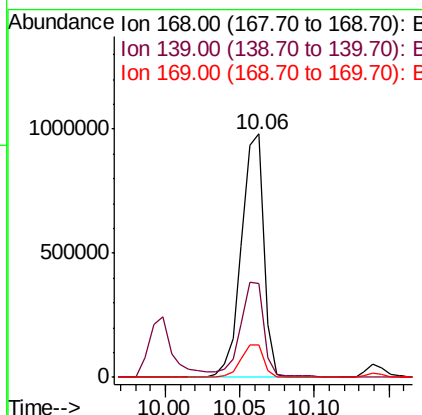
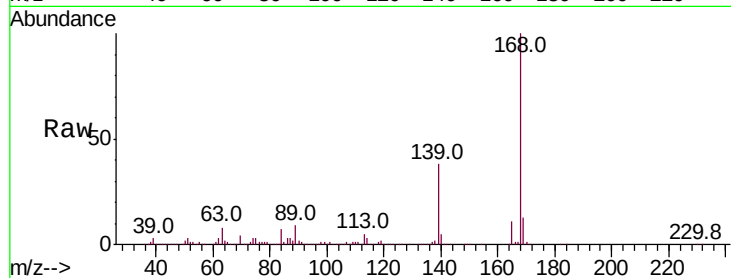
#55
Dibenzofuran
Concen: 40.468 ng
RT: 10.06 min Scan# 1356
Delta R.T. -0.03 min
Lab File: BF116272.D
Acq: 15 Aug 2019 12:02

Instrument :
BNA_F
ClientSampled :
PB122215BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	38.4	31.4	47.2
169	13.4	10.9	16.3

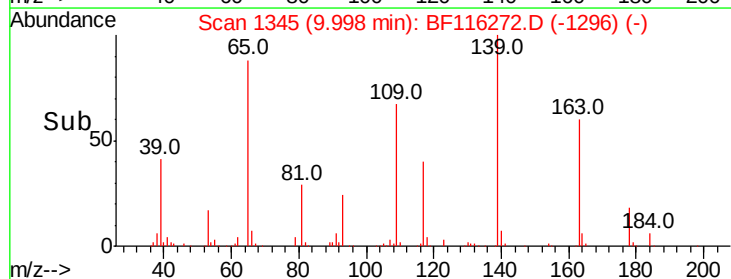
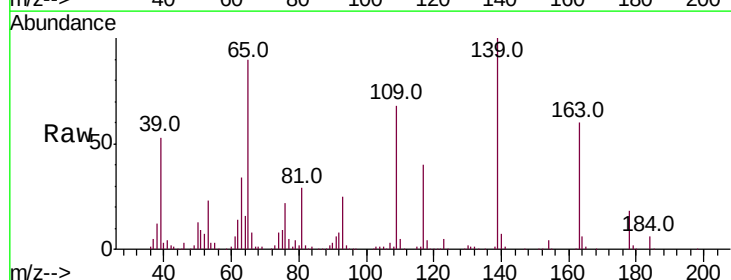
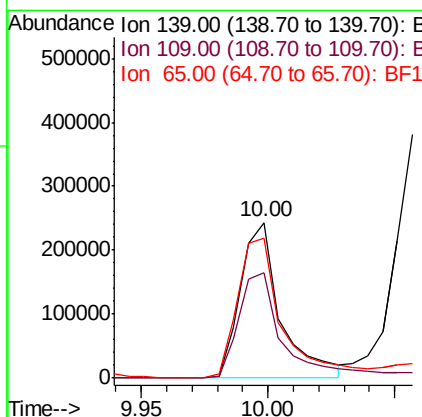
Manual Integrations
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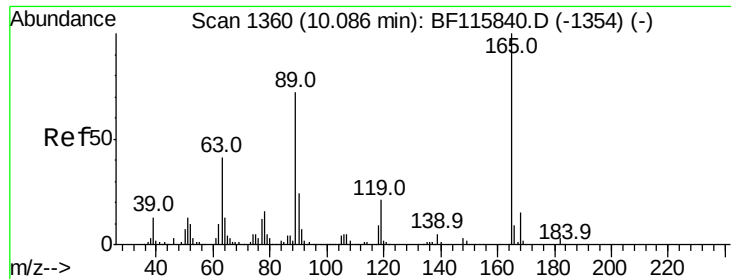
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#56
4-Nitrophenol
Concen: 69.673 ng
RT: 10.00 min Scan# 1345
Delta R.T. -0.01 min
Lab File: BF116272.D
Acq: 15 Aug 2019 12:02

Tgt Ion	Ratio	Lower	Upper
139	100		
109	67.6	54.4	94.4
65	89.7	80.6	120.6





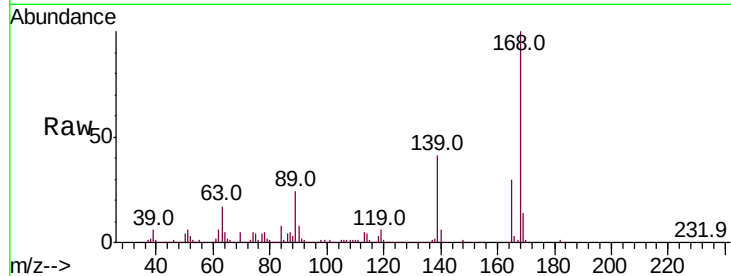
#57
 2,4-Dinitrotoluene
 Concen: 38.784 ng
 RT: 10.06 min Scan# 1355
 Delta R.T. -0.02 min
 Lab File: BF116272.D
 Acq: 15 Aug 2019 12:02

Instrument :
 BNA_F
 ClientSampleId :
 PB122215BS

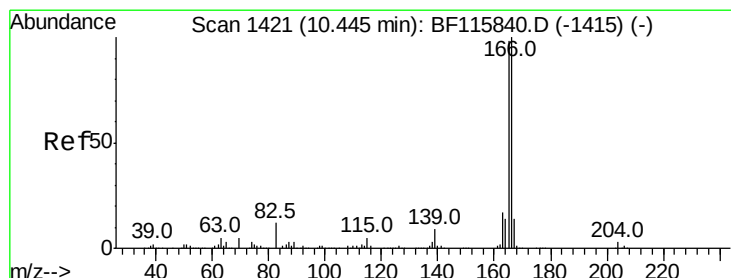
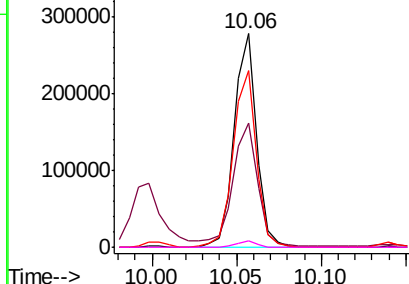
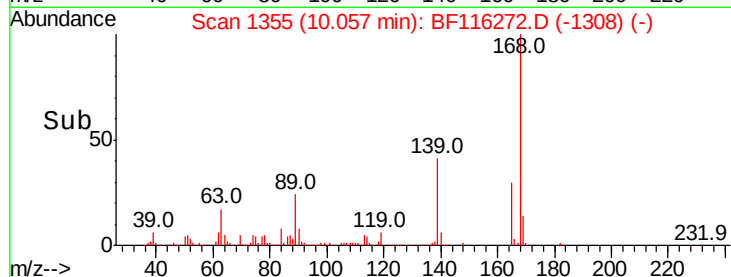
Tot Ion	Ratio	Resp	Lower	Upper
165	100	252662		
63	58.1	39.6	59.4	
89	82.6	62.2	93.2	
182	2.7	2.1	3.1	

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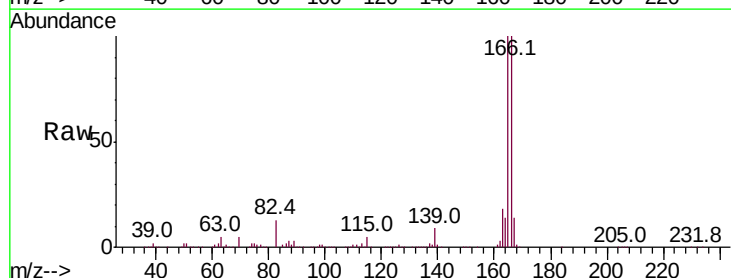


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

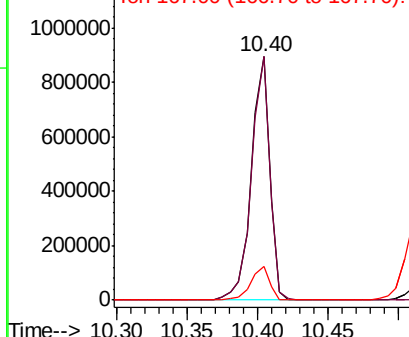
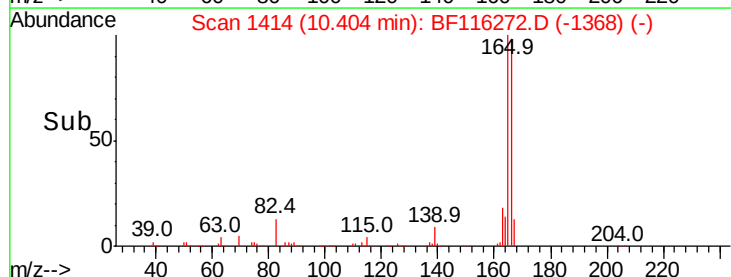


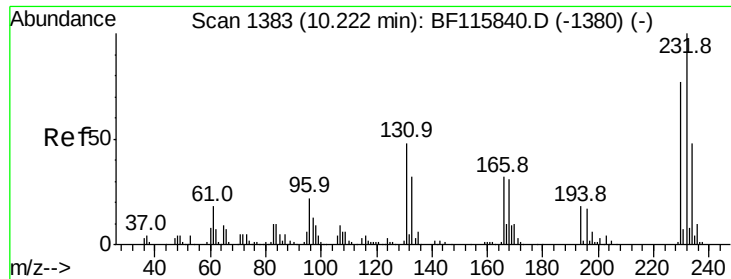
#58
 Fluorene
 Concen: 42.386 ng
 RT: 10.40 min Scan# 1414
 Delta R.T. -0.03 min
 Lab File: BF116272.D
 Acq: 15 Aug 2019 12:02

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	824748		
165	99.8	78.4	117.6	
167	13.7	11.0	16.4	



Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E





#59

2,3,4,6-Tetrachlorophenol

Concen: 41.481 ng

RT: 10.19 min Scan# 1377

Delta R.T. -0.02 min

Lab File: BF116272.D

Acq: 15 Aug 2019 12:02

Instrument :

BNA_F

ClientSampleId :

PB122215BS

Tot Ion:232 Resp: 219512

Ion Ratio Lower Upper

232 100

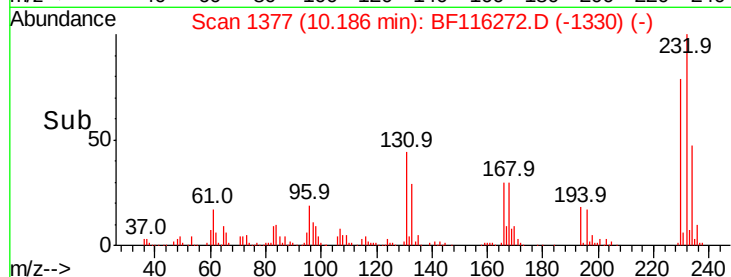
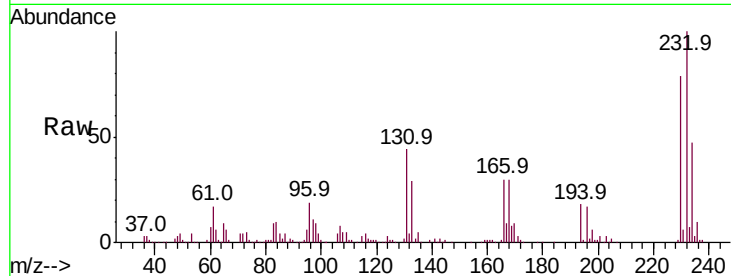
131 46.8 36.2 54.2

130 2.6 1.9 2.9

166 30.4 23.0 34.4

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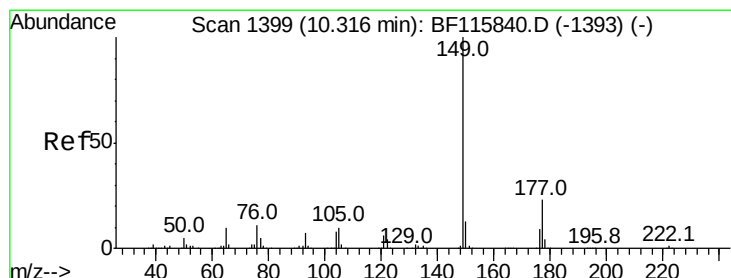
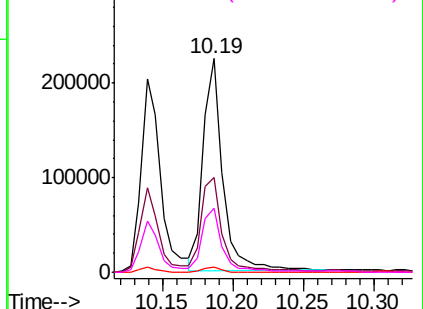


Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60

Diethylphthalate

Concen: 43.464 ng

RT: 10.27 min Scan# 1392

Delta R.T. -0.03 min

Lab File: BF116272.D

Acq: 15 Aug 2019 12:02

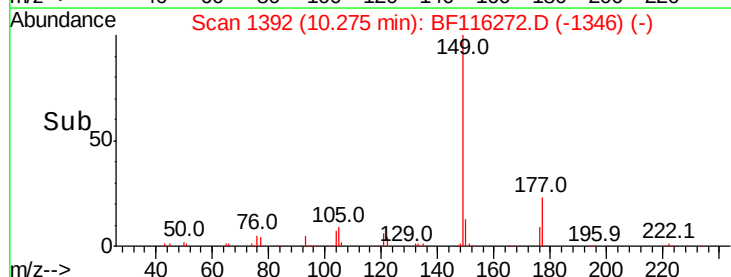
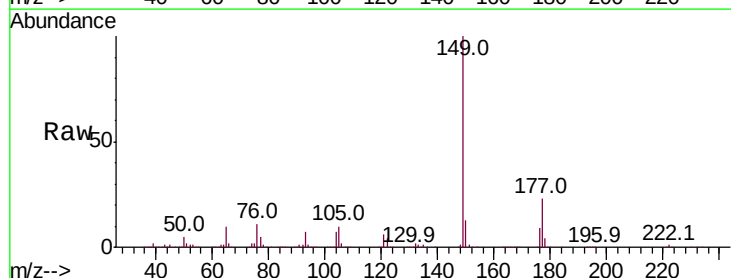
Tgt Ion:149 Resp: 913664

Ion Ratio Lower Upper

149 100

177 23.0 18.8 28.2

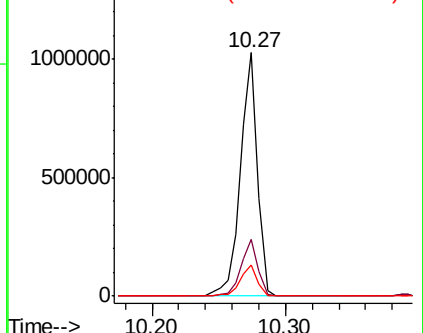
150 12.7 10.2 15.4

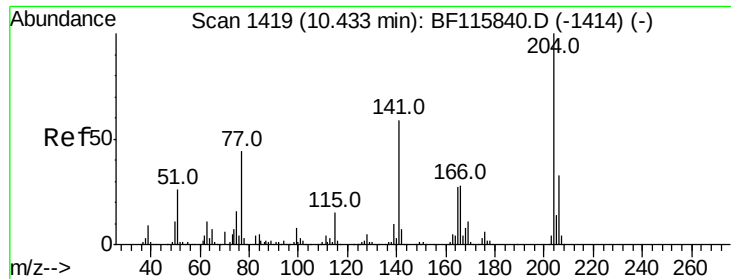


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





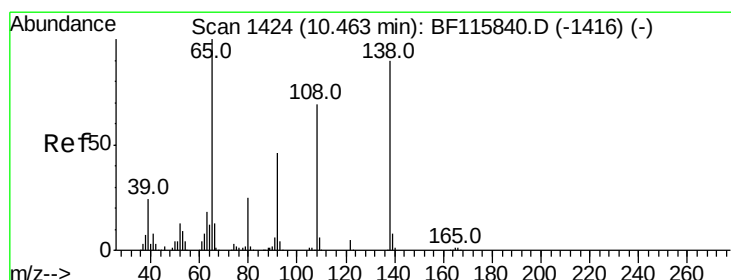
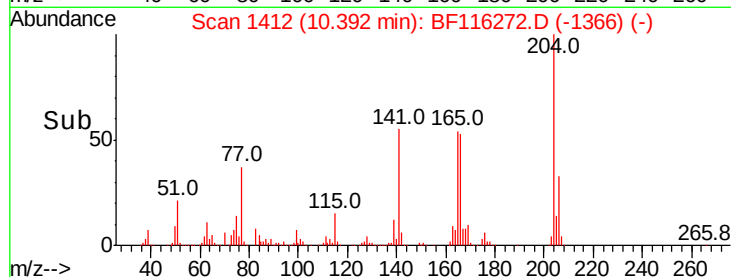
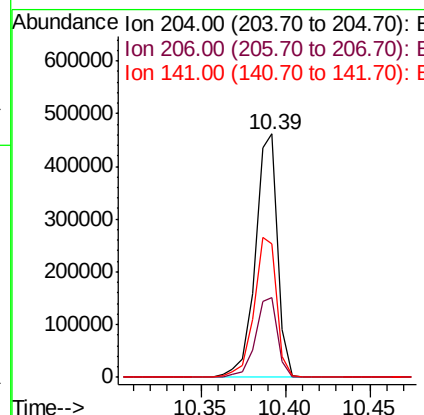
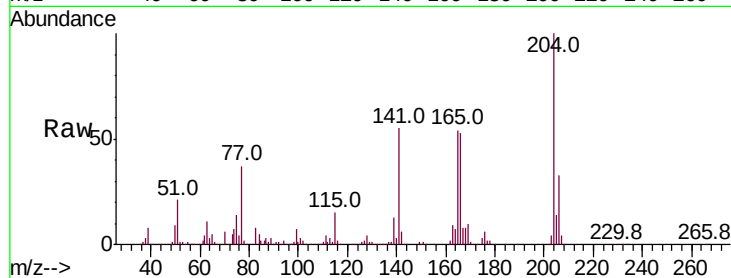
#61
4-Chlorophenyl-phenylether
Concen: 43.221 ng
RT: 10.39 min Scan# 1412
Delta R.T. -0.03 min
Lab File: BF116272.D
Acq: 15 Aug 2019 12:02

Instrument :
BNA_F
ClientSampleId :
PB122215BS

Tot Ion	Ratio	Resp	Lower	Upper
204	100	425919		
206	32.9	26.4	39.6	
141	54.7	46.4	69.6	

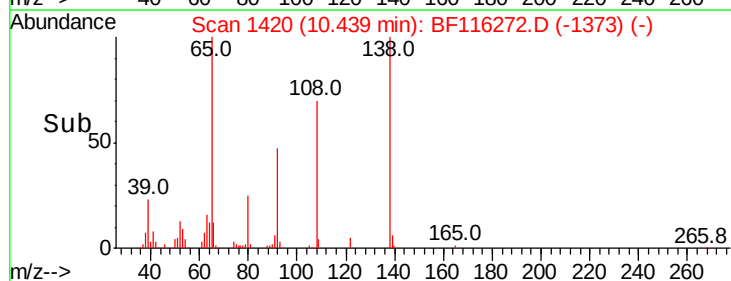
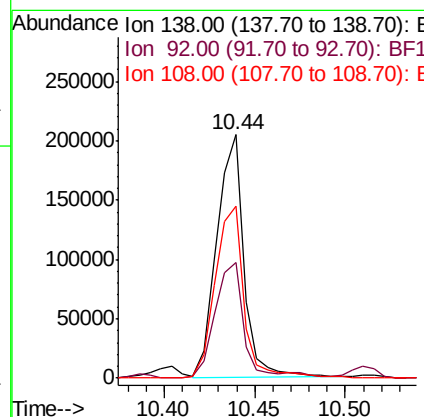
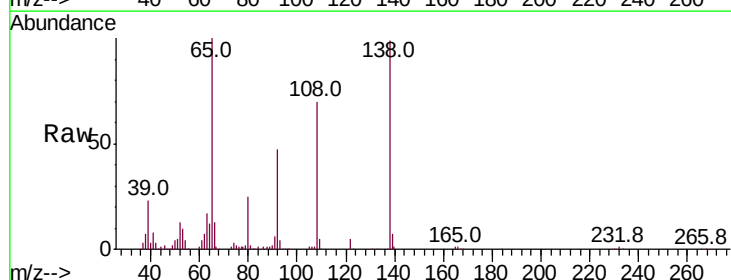
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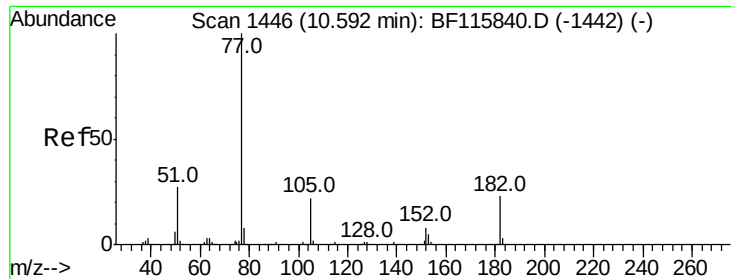
Jagrut
8/16/2019 5:32:39 PM



#62
4-Nitroaniline
Concen: 33.776 ng
RT: 10.44 min Scan# 1420
Delta R.T. -0.02 min
Lab File: BF116272.D
Acq: 15 Aug 2019 12:02

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	211038		
92	47.5	29.0	69.0	
108	70.7	54.7	94.7	





#63

Azobenzene

Concen: 43.777 ng

RT: 10.55 min Scan# 1439

Delta R.T. -0.03 min

Lab File: BF116272.D

Acq: 15 Aug 2019 12:02

Instrument :

BNA_F

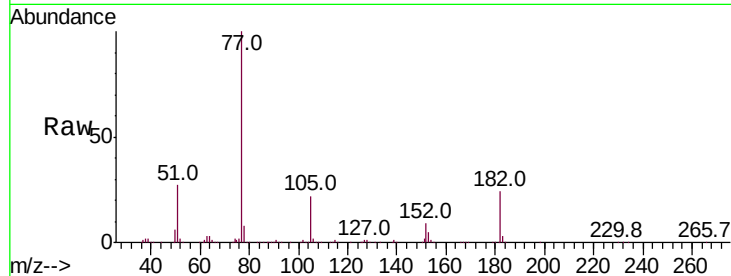
ClientSampleId :

PB122215BS

Tot Ion	Ratio	Resp	Lower	Upper
77	100			
182	24.4	4.0	44.0	
105	22.1	2.0	42.0	
51	26.7	7.5	47.5	

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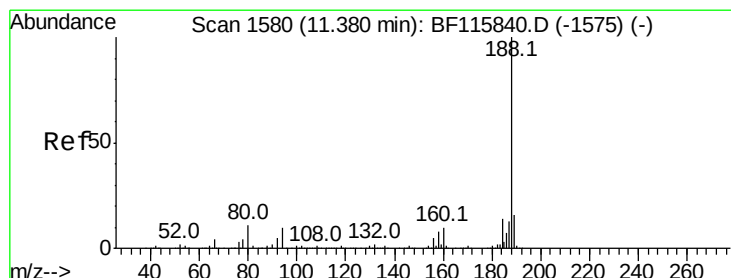
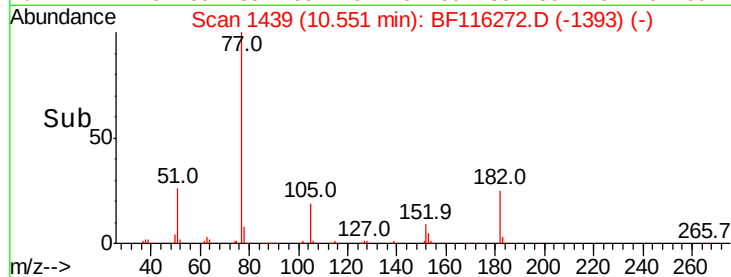
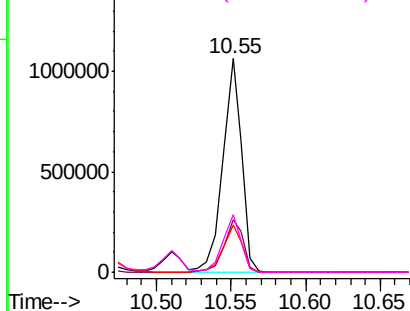


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

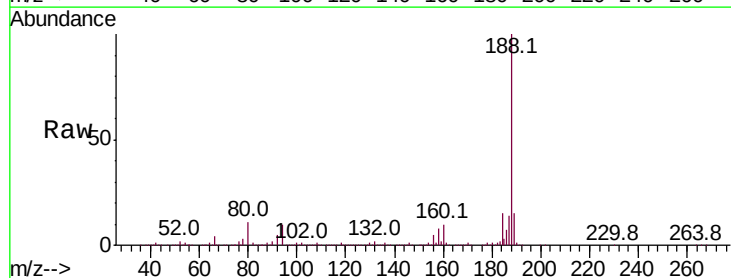
RT: 11.34 min Scan# 1573

Delta R.T. -0.03 min

Lab File: BF116272.D

Acq: 15 Aug 2019 12:02

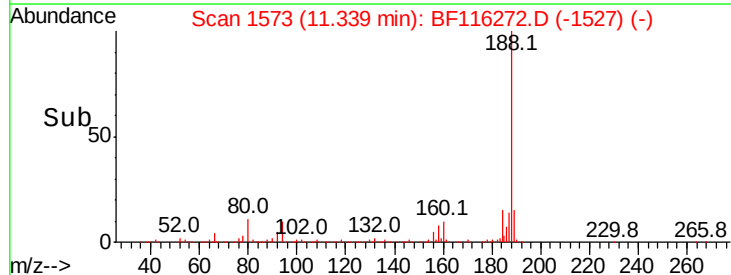
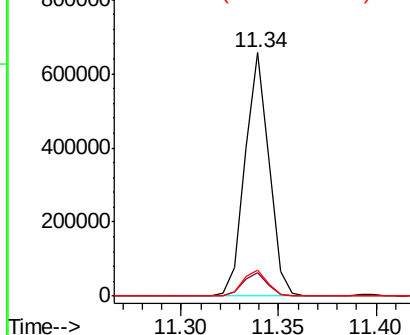
Tgt Ion	Ratio	Resp	Lower	Upper
188	100			
94	9.9	8.1	12.1	
80	10.9	8.7	13.1	

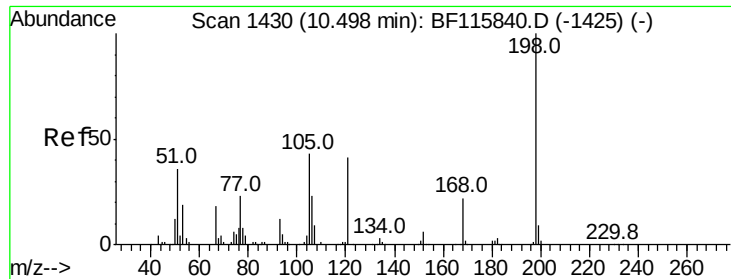


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#65

4,6-Dinitro-2-methylphenol

Concen: 46.900 ng

RT: 10.47 min Scan# 1426

Delta R.T. -0.02 min

Lab File: BF116272.D

Acq: 15 Aug 2019 12:02

Instrument :

BNA_F

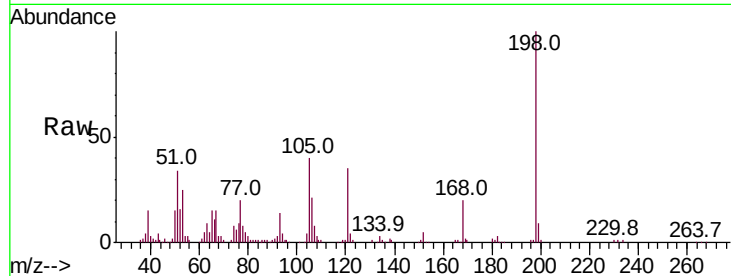
ClientSampled :

PB122215BS

Tot Ion:	198	Resp:	139343
Ion Ratio	Lower	Upper	
198	100		
51	34.4	17.0	57.0
105	39.8	21.6	61.6

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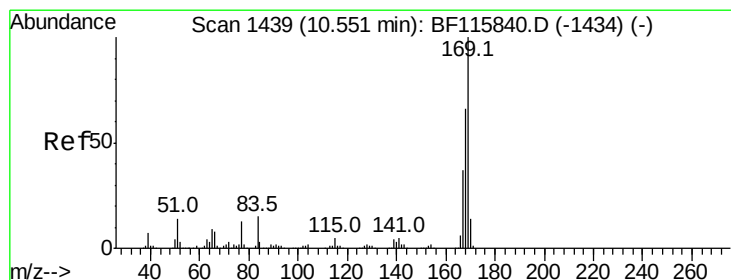
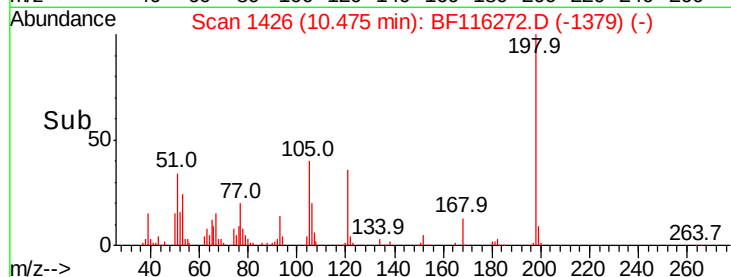
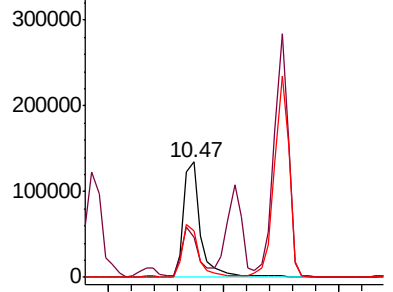
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Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 45.091 ng

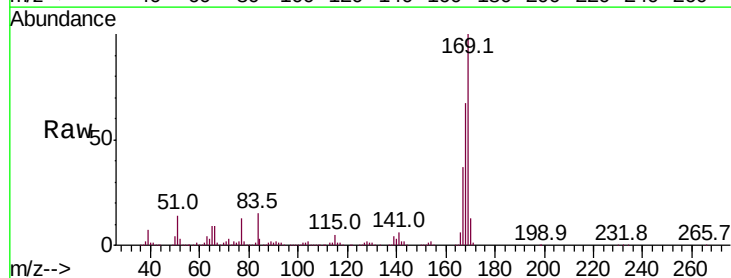
RT: 10.51 min Scan# 1432

Delta R.T. -0.04 min

Lab File: BF116272.D

Acq: 15 Aug 2019 12:02

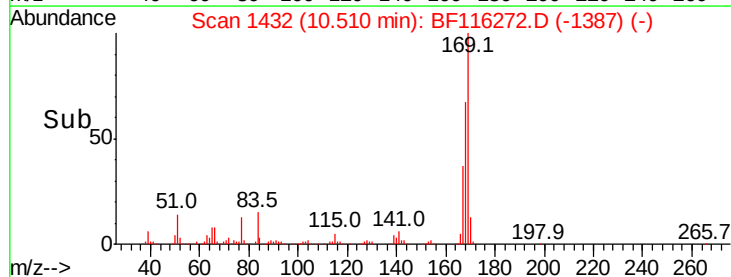
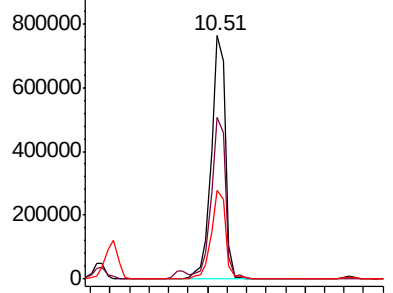
Tgt Ion:	169	Resp:	760915
Ion Ratio	Lower	Upper	
169	100		
168	66.7	53.8	80.6
167	36.6	29.6	44.4

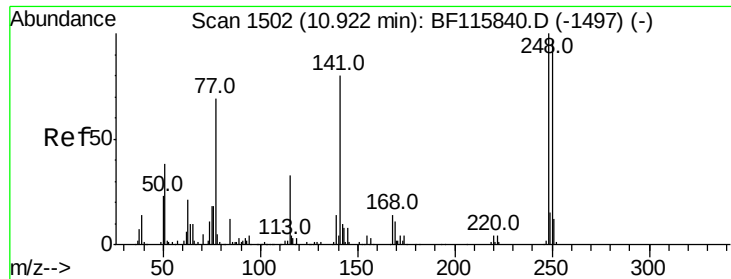


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





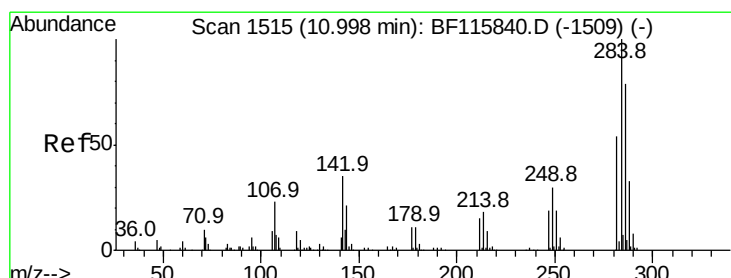
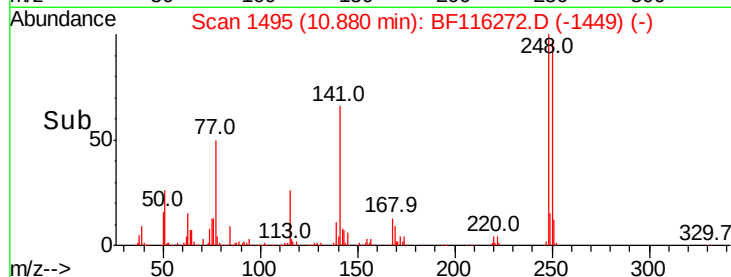
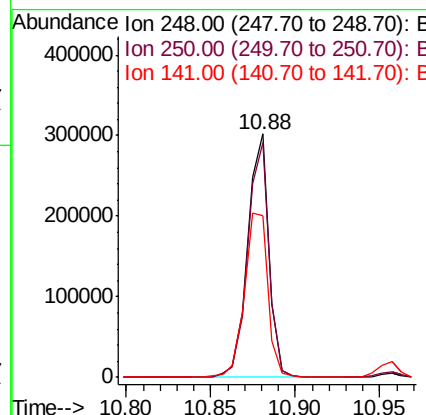
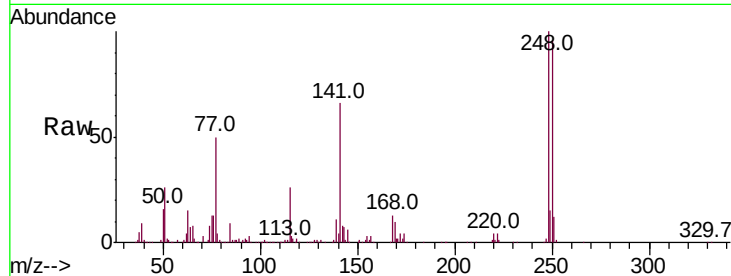
#67
4-Bromophenyl-phenylether
Concen: 44.281 ng
RT: 10.88 min Scan# 1495
Delta R.T. -0.03 min
Lab File: BF116272.D
Acq: 15 Aug 2019 12:02

Instrument :
BNA_F
ClientSampleId :
PB122215BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.4	77.4	116.2
141	66.4	56.8	85.2

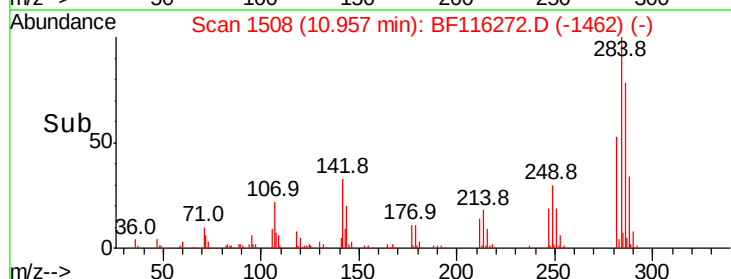
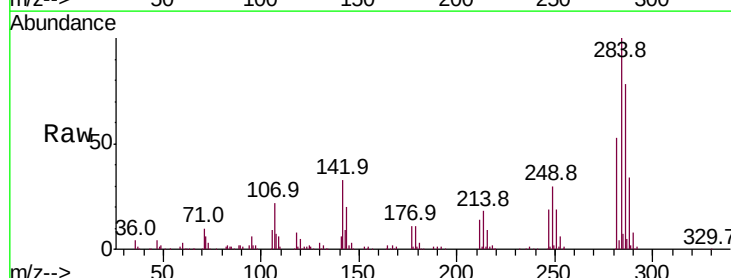
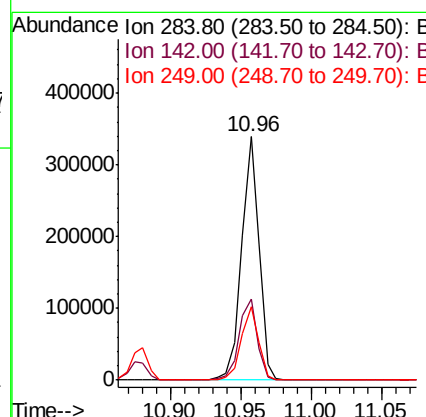
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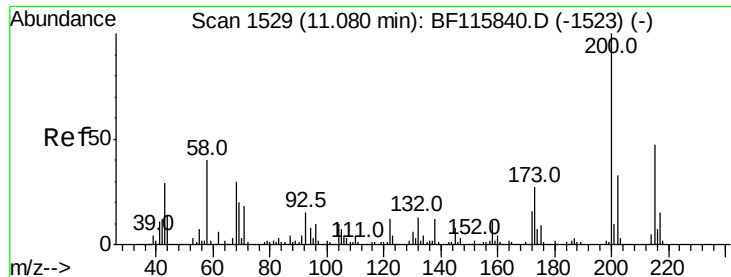
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#68
Hexachlorobenzene
Concen: 42.038 ng
RT: 10.96 min Scan# 1508
Delta R.T. -0.03 min
Lab File: BF116272.D
Acq: 15 Aug 2019 12:02

Tgt Ion	Ratio	Lower	Upper
284	100		
142	33.4	28.4	42.6
249	30.4	24.5	36.7





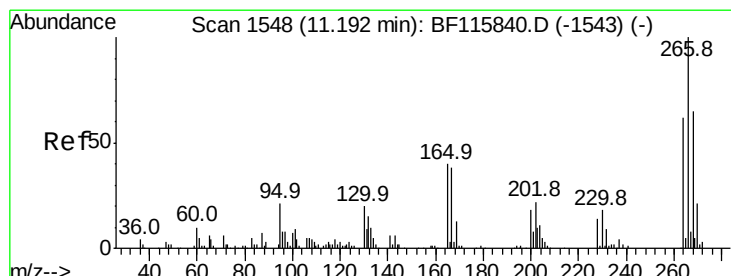
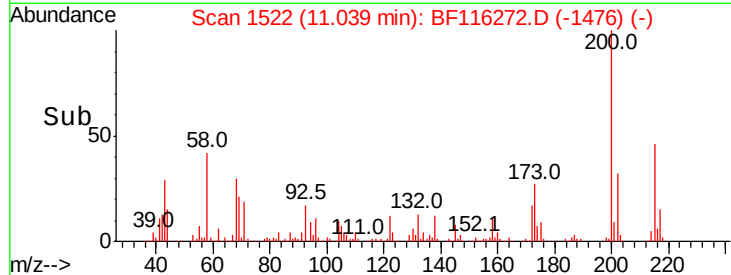
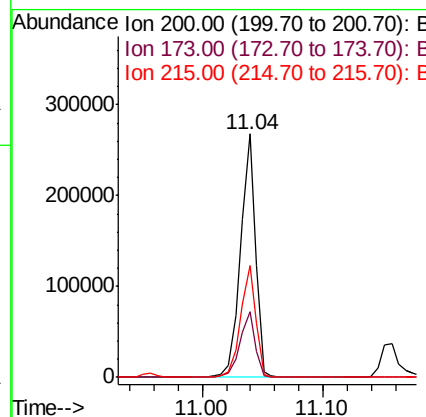
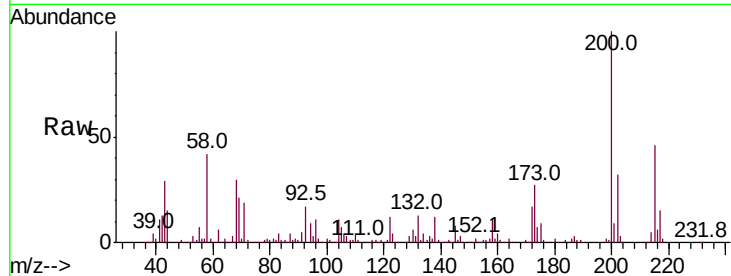
#69
 Atrazine
 Concen: 42.146 ng
 RT: 11.04 min Scan# 1522
 Delta R.T. -0.03 min
 Lab File: BF116272.D
 Acq: 15 Aug 2019 12:02

Instrument :
 BNA_F
 ClientSampleId :
 PB122215BS

Tot Ion	Ratio	Resp	Lower	Upper
200	100	233974		
173	26.9	6.8	46.8	
215	46.1	27.5	67.5	

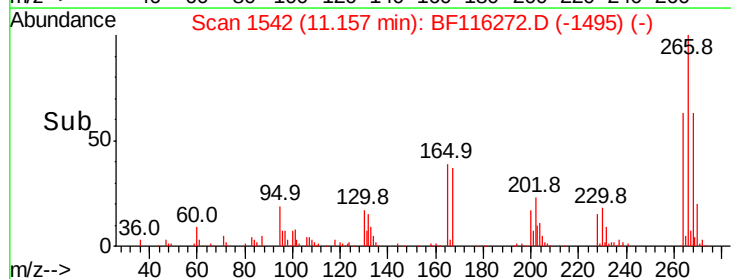
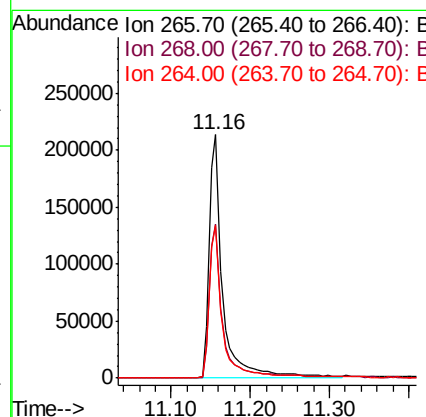
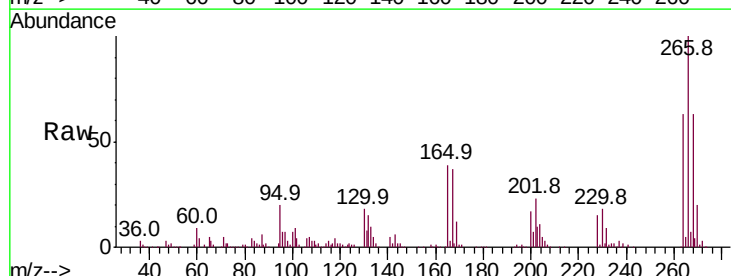
Manual Integrations
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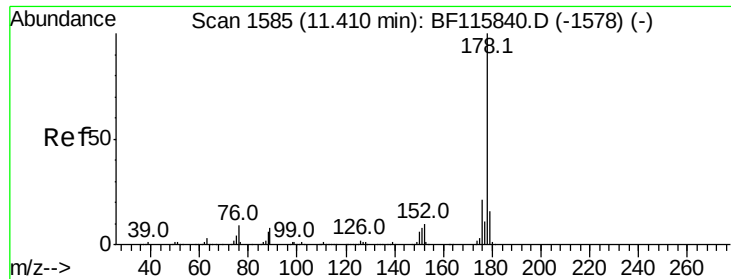
Jagrut
 8/16/2019 5:32:39 PM



#70
 Pentachlorophenol
 Concen: 77.057 ng
 RT: 11.16 min Scan# 1542
 Delta R.T. -0.02 min
 Lab File: BF116272.D
 Acq: 15 Aug 2019 12:02

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	259635		
268	63.3	48.8	73.2	
264	62.6	50.6	76.0	





#71

Phenanthrene

Concen: 42.500 ng

RT: 11.36 min Scan# 1577

Delta R.T. -0.04 min

Lab File: BF116272.D

Acq: 15 Aug 2019 12:02

Instrument :

BNA_F

ClientSampleId :

PB122215BS

Tot Ion:178 Resp: 1218104

Ion Ratio Lower Upper

178 100

176 20.7 16.6 24.8

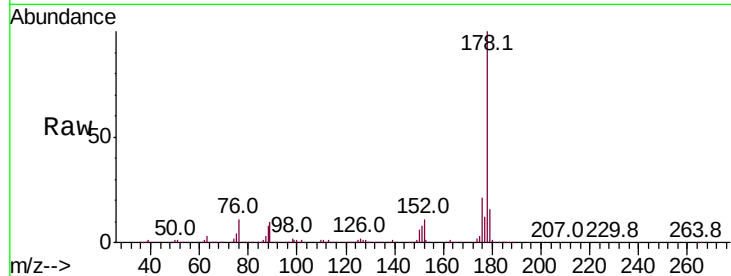
179 15.9 12.5 18.7

Manual Integrations

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Jagrut

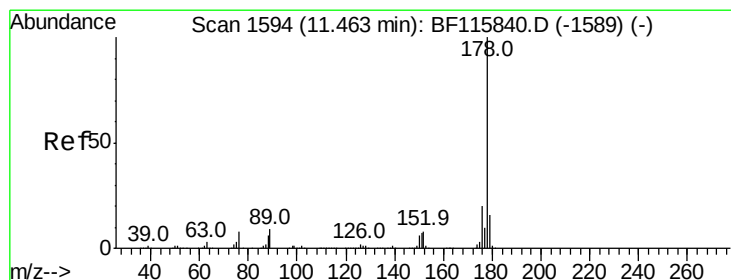
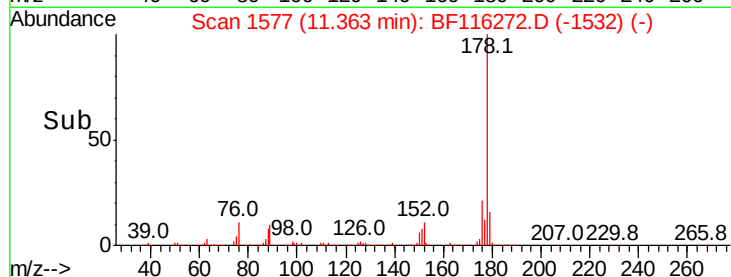
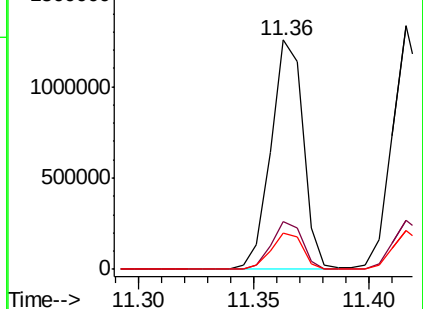
8/16/2019 5:32:39 PM



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: 43.582 ng

RT: 11.42 min Scan# 1586

Delta R.T. -0.03 min

Lab File: BF116272.D

Acq: 15 Aug 2019 12:02

Tgt Ion:178 Resp: 1264182

Ion Ratio Lower Upper

178 100

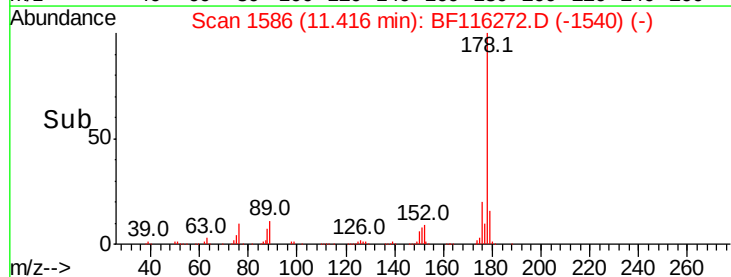
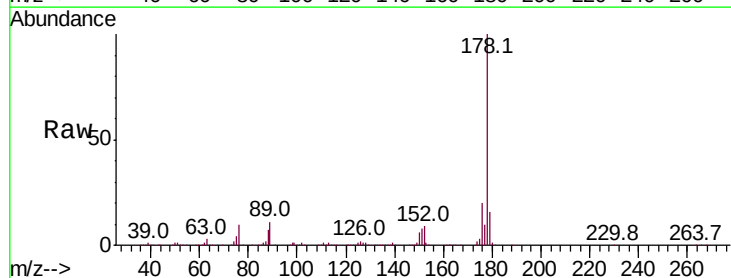
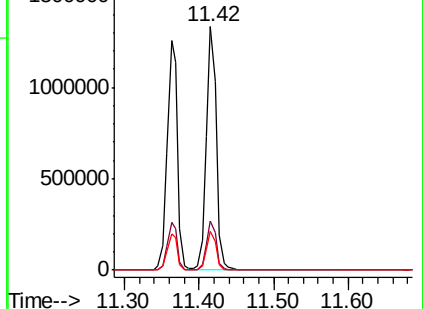
176 20.2 15.7 23.5

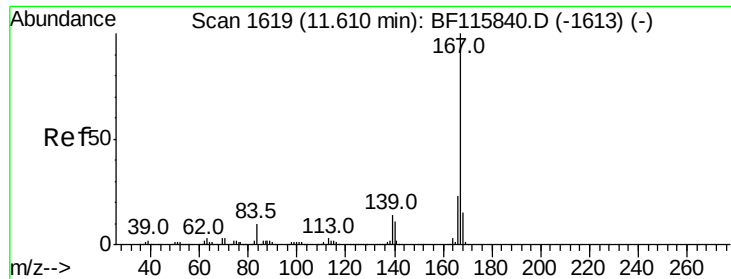
179 16.0 13.0 19.6

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: 42.644 ng

RT: 11.57 min Scan# 1613

Delta R.T. -0.02 min

Lab File: BF116272.D

Acq: 15 Aug 2019 12:02

Instrument :

BNA_F

ClientSampleId :

PB122215BS

Tot Ion:167 Resp: 1122230

Ion Ratio Lower Upper

167 100

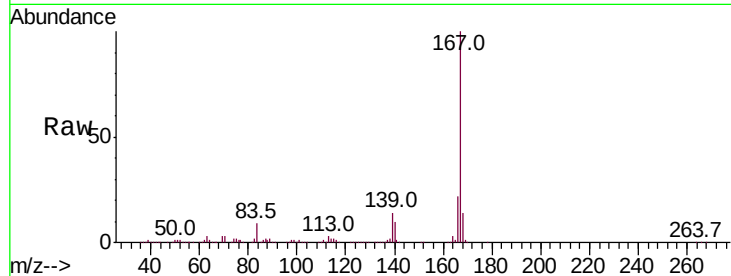
166 22.1 17.8 26.6

139 13.6 11.4 17.0

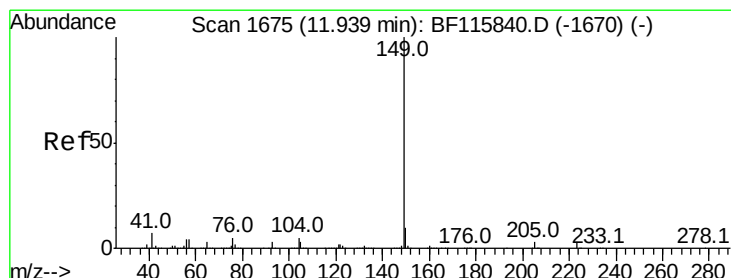
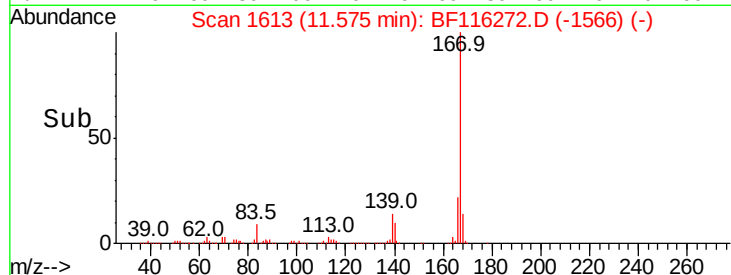
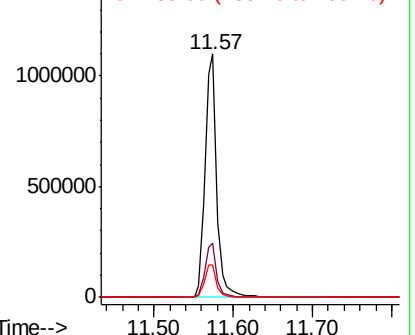
Manual Integrations
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Abundance Ion 167.00 (166.70 to 167.70): E
1500000
Ion 166.00 (165.70 to 166.70): E
Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 45.827 ng

RT: 11.89 min Scan# 1667

Delta R.T. -0.03 min

Lab File: BF116272.D

Acq: 15 Aug 2019 12:02

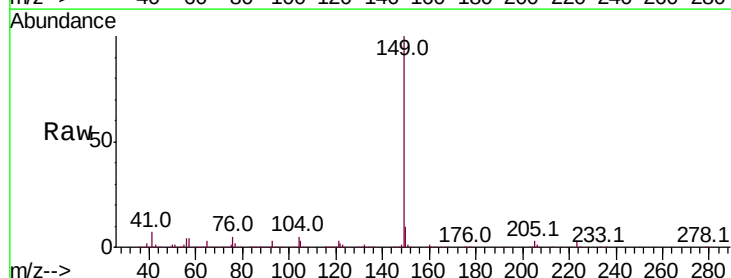
Tgt Ion:149 Resp: 1406849

Ion Ratio Lower Upper

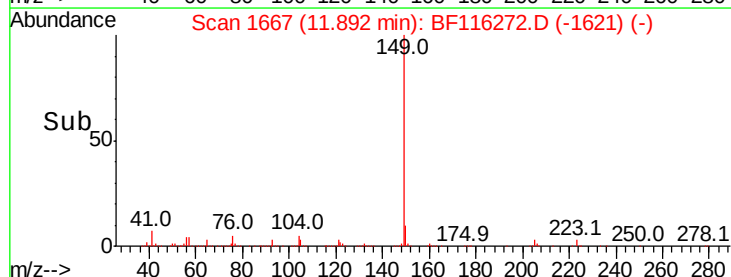
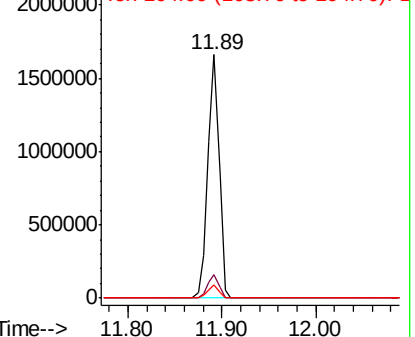
149 100

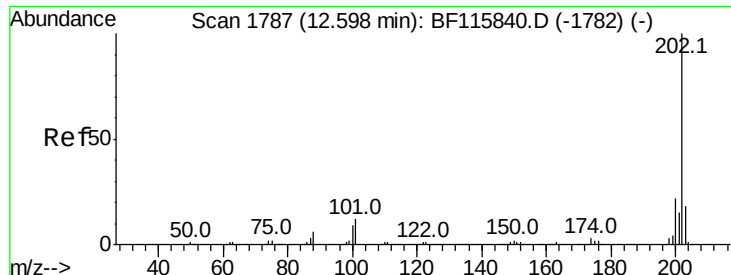
150 9.8 8.0 12.0

104 5.4 4.5 6.7



Abundance Ion 149.00 (148.70 to 149.70): E
2000000
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 41.980 ng

RT: 12.55 min Scan# 1779

Delta R.T. -0.04 min

Lab File: BF116272.D

Acq: 15 Aug 2019 12:02

Instrument :

BNA_F

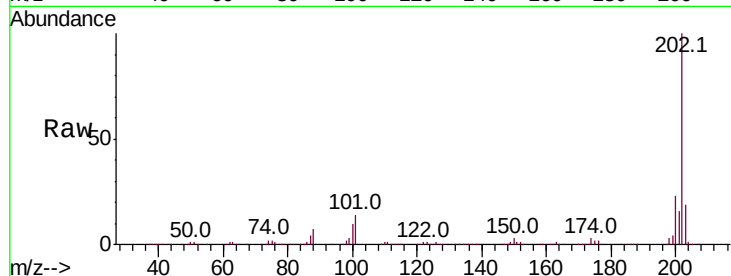
ClientSampleId :

PB122215BS

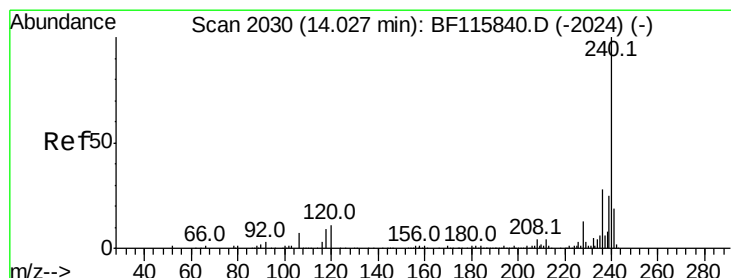
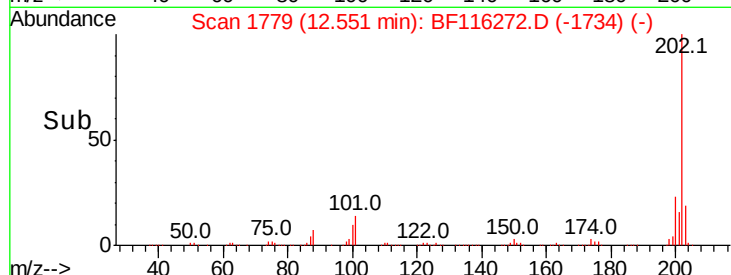
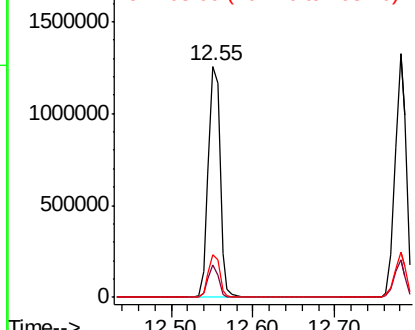
Tot Ion	Ratio	Resp	Lower	Upper
202	100	1259639		
101	13.8	0.0	31.2	
203	18.6	0.0	37.8	

Manual Integrations
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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

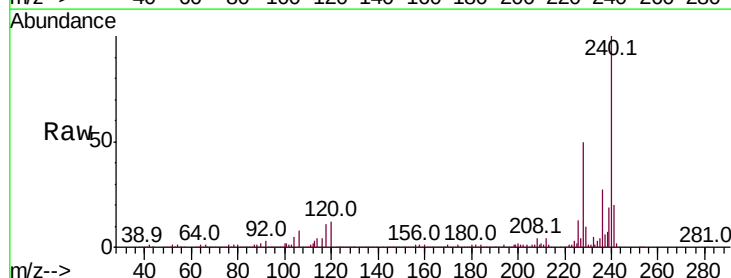
RT: 13.98 min Scan# 2022

Delta R.T. -0.03 min

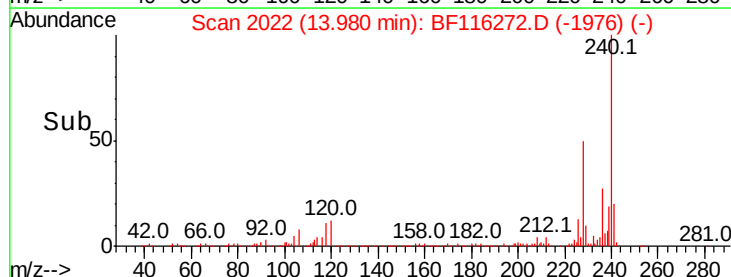
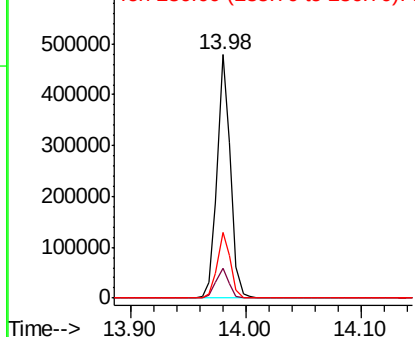
Lab File: BF116272.D

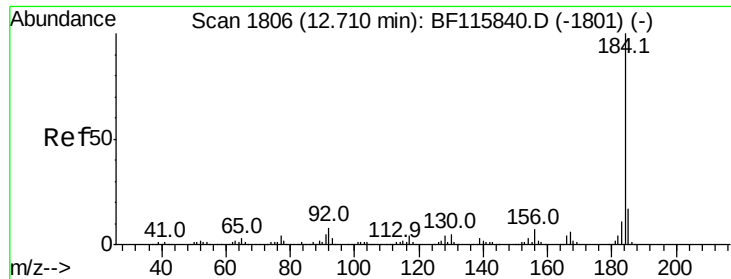
Acq: 15 Aug 2019 12:02

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	383821		
120	12.5	10.7	16.1	
236	27.0	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: 30.045 ng

RT: 12.67 min Scan# 1799

Delta R.T. -0.03 min

Lab File: BF116272.D

Acq: 15 Aug 2019 12:02

Instrument :

BNA_F

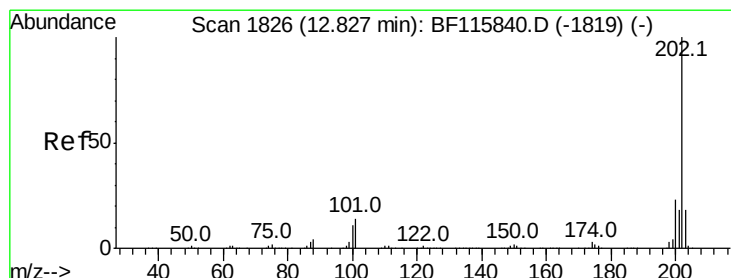
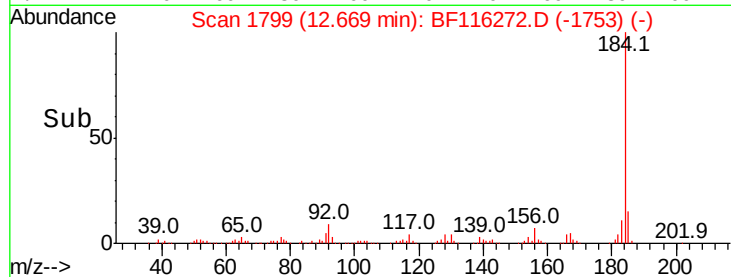
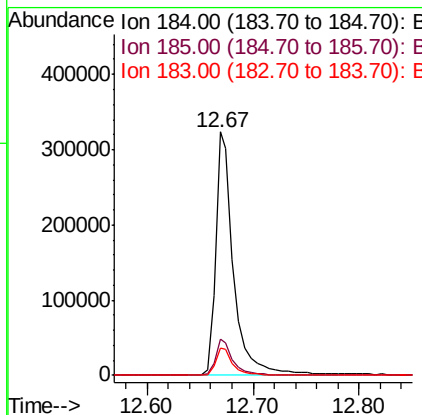
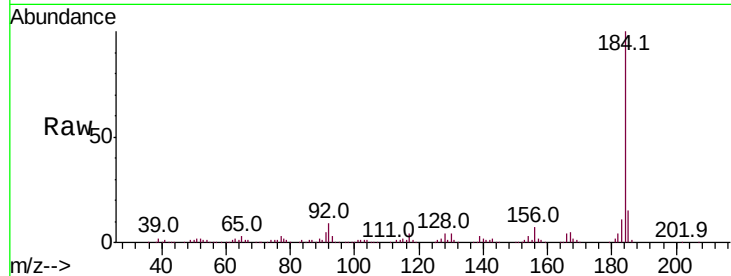
ClientSampleId :

PB122215BS

Tot Ion:	184	Resp:	389597
Ion Ratio	Lower	Upper	
184	100		
185	15.0	12.8	19.2
183	11.3	9.4	14.0

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#78

Pyrene

Concen: 44.210 ng

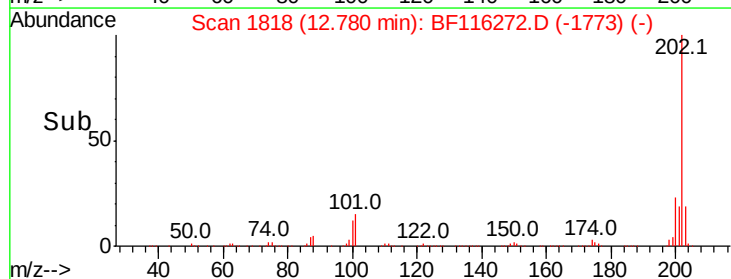
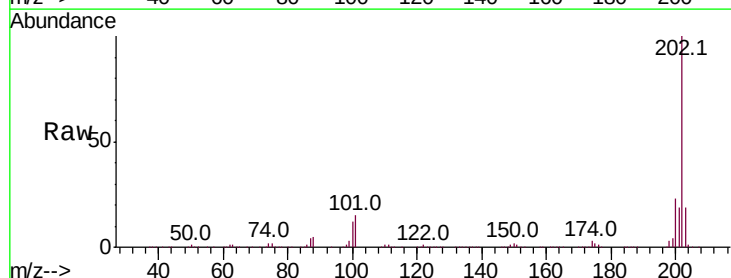
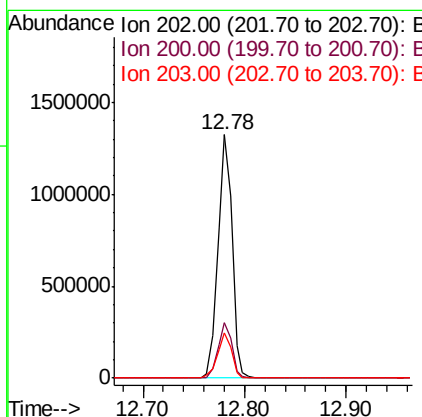
RT: 12.78 min Scan# 1818

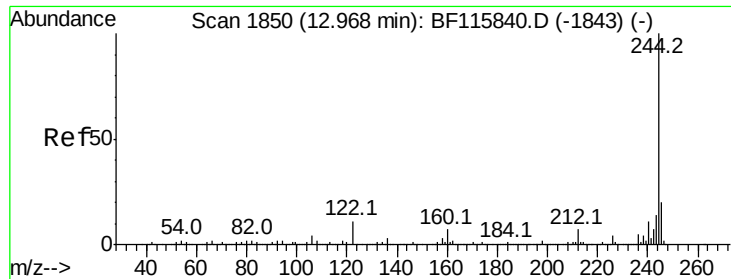
Delta R.T. -0.04 min

Lab File: BF116272.D

Acq: 15 Aug 2019 12:02

Tgt Ion:	202	Resp:	1279117
Ion Ratio	Lower	Upper	
202	100		
200	22.9	18.0	27.0
203	18.7	14.1	21.1





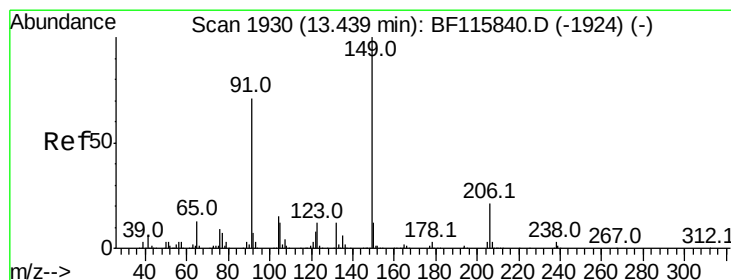
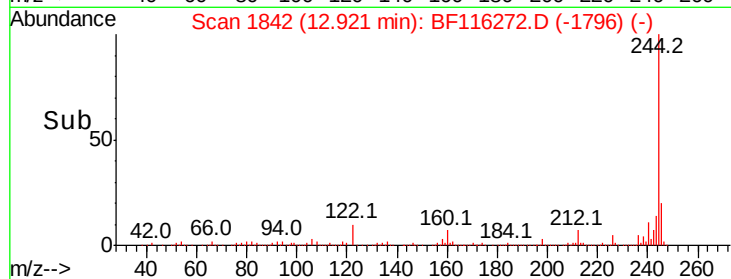
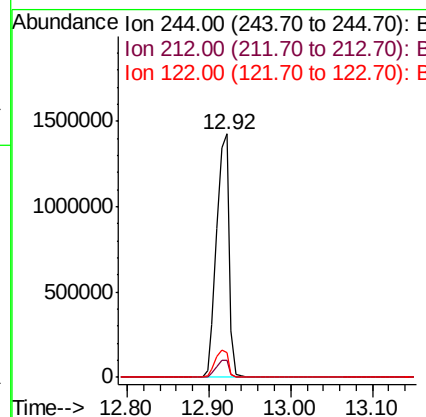
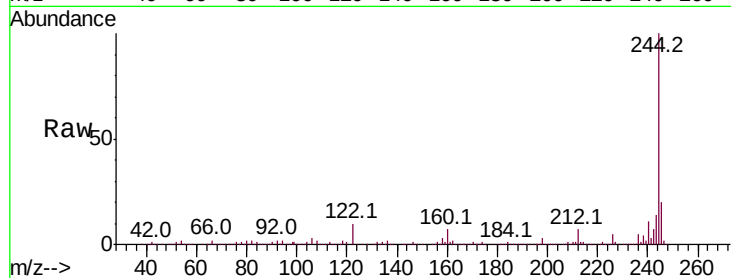
#79
 Terphenyl-d14
 Concen: 83.857 ng
 RT: 12.92 min Scan# 1842
 Delta R.T. -0.03 min
 Lab File: BF116272.D
 Acq: 15 Aug 2019 12:02

Instrument :
 BNA_F
 ClientSampleId :
 PB122215BS

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.8	8.8
122	10.3	9.0	13.4

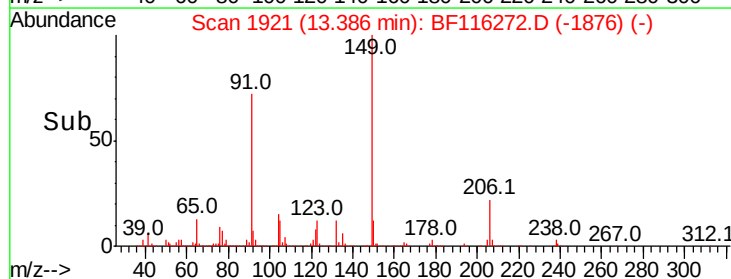
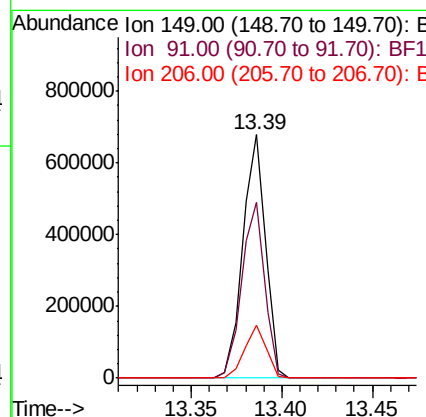
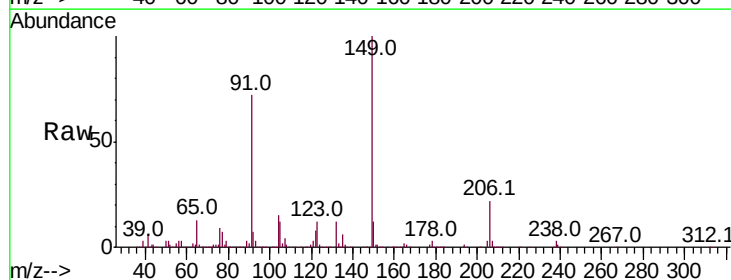
Manual Integrations
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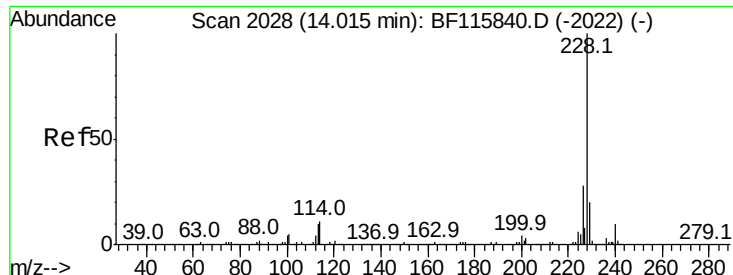
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#80
 Butylbenzylphthalate
 Concen: 48.384 ng
 RT: 13.39 min Scan# 1921
 Delta R.T. -0.04 min
 Lab File: BF116272.D
 Acq: 15 Aug 2019 12:02

Tgt Ion	Ratio	Lower	Upper
149	100		
91	72.0	56.3	84.5
206	21.5	18.0	27.0





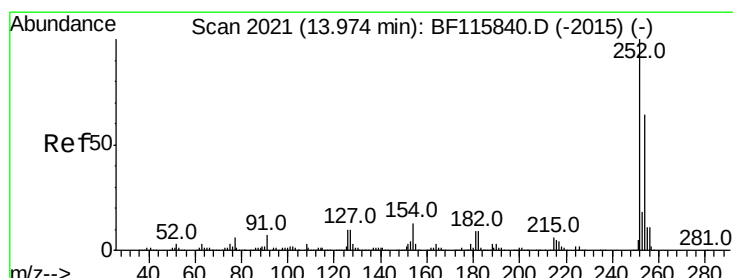
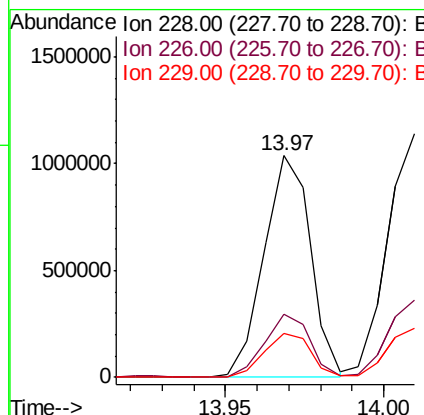
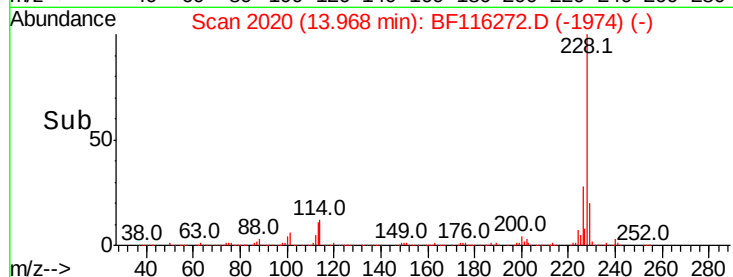
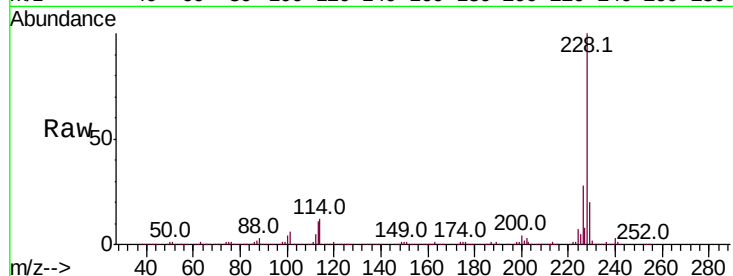
#81
Benzo(a)anthracene
Concen: 43.056 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.03 min
Lab File: BF116272.D
Acq: 15 Aug 2019 12:02

Instrument :
BNA_F
ClientSampleId :
PB122215BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.3	22.7	34.1
229	20.0	16.2	24.4

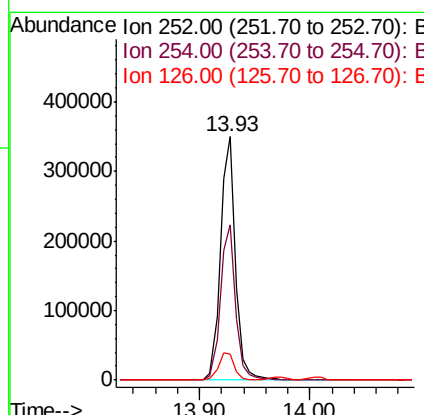
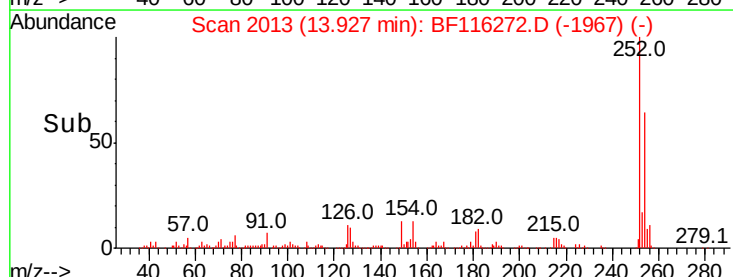
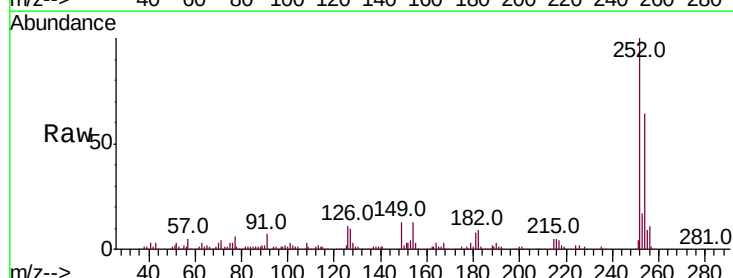
Manual Integrations
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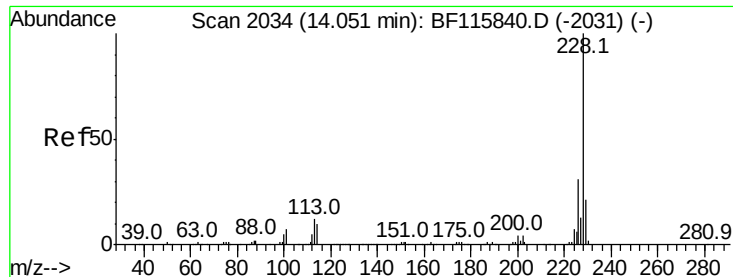
Jagrut
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#82
3,3'-Dichlorobenzidine
Concen: 38.823 ng
RT: 13.93 min Scan# 2013
Delta R.T. -0.03 min
Lab File: BF116272.D
Acq: 15 Aug 2019 12:02

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.0	50.9	76.3
126	10.9	9.8	14.8





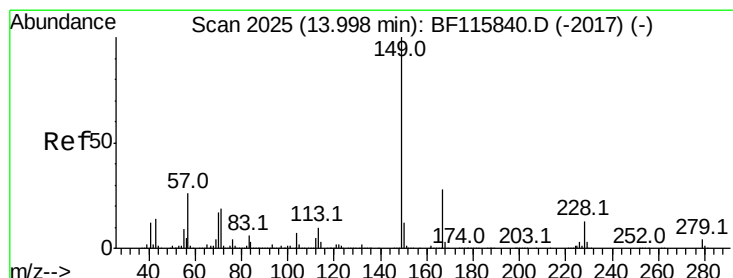
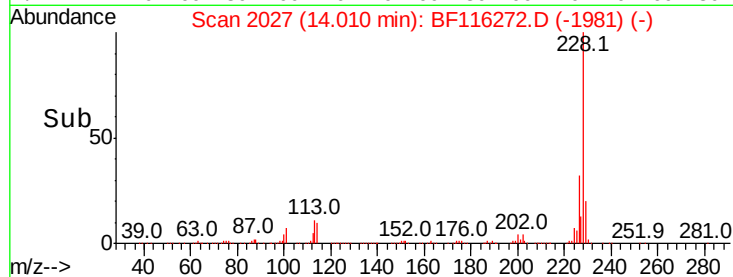
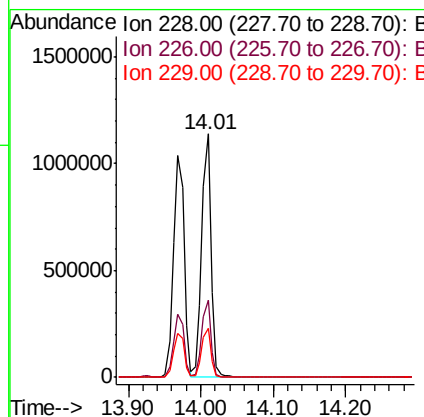
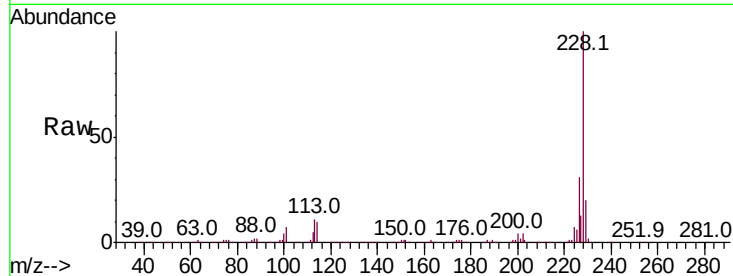
#83
Chrysene
Concen: 43.232 ng
RT: 14.01 min Scan# 2027
Delta R.T. -0.03 min
Lab File: BF116272.D
Acq: 15 Aug 2019 12:02

Instrument :
BNA_F
ClientSampleId :
PB122215BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.5	25.5	38.3
229	20.0	16.6	24.8

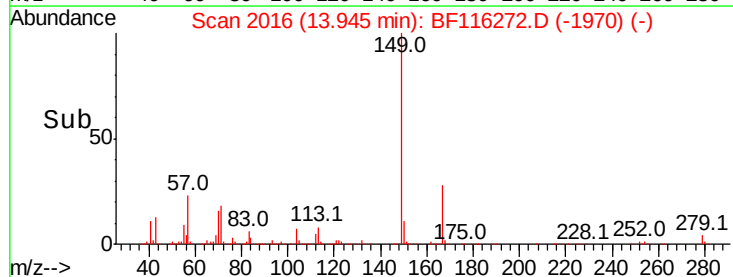
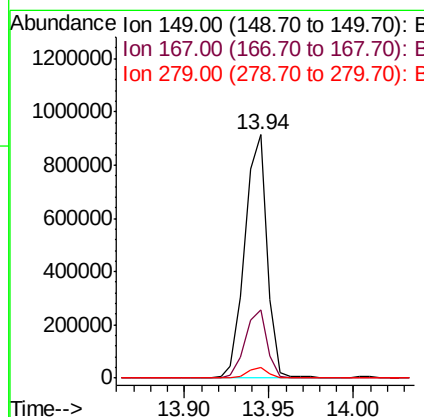
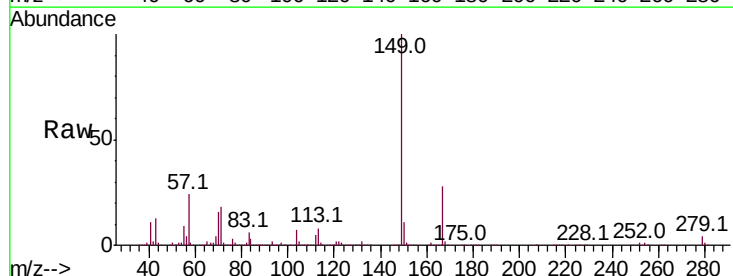
Manual Integrations
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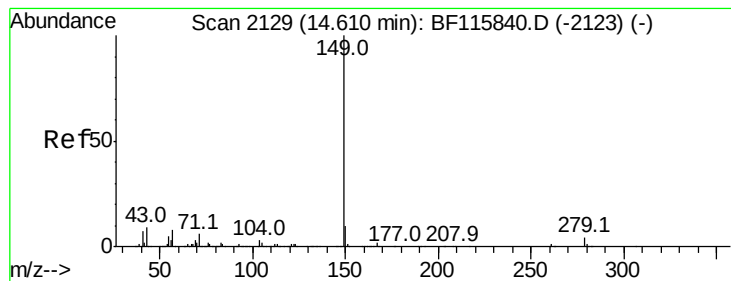
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#84
Bis(2-ethylhexyl)phthalate
Concen: 53.024 ng
RT: 13.94 min Scan# 2016
Delta R.T. -0.03 min
Lab File: BF116272.D
Acq: 15 Aug 2019 12:02

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.0	21.6	32.4
279	4.4	3.0	4.4





#85

Di-n-octyl phthalate

Concen: 52.806 ng

RT: 14.55 min Scan# 2119

Delta R.T. -0.04 min

Lab File: BF116272.D

Acq: 15 Aug 2019 12:02

Instrument :

BNA_F

ClientSampleId :

PB122215BS

Tot Ion:149 Resp: 1333975

Ion Ratio Lower Upper

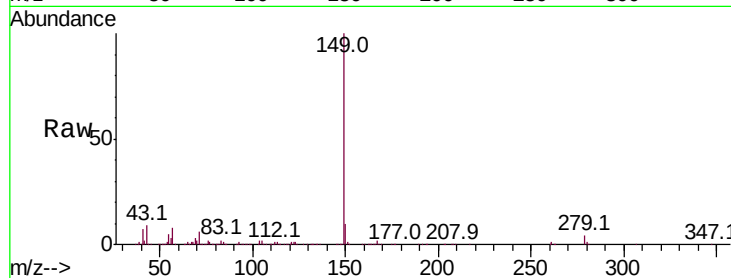
149 100

167 1.6 1.4 2.0

43 9.0 7.5 11.3

Manual Integrations
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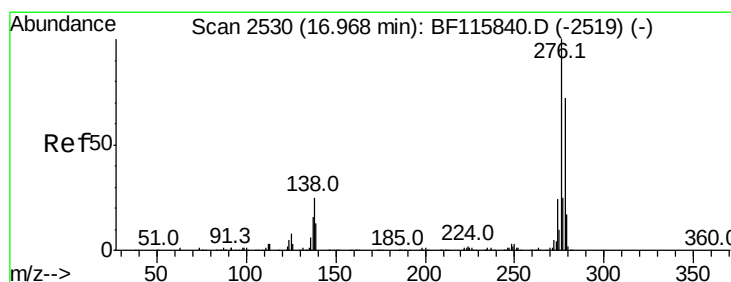
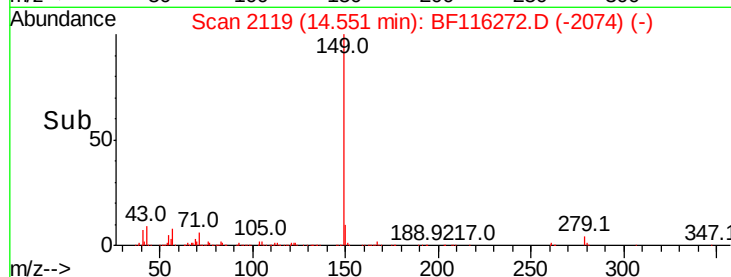
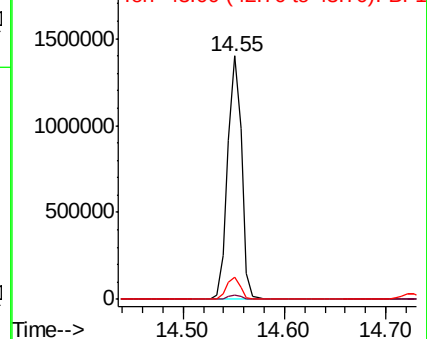
Jagrut
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 43.552 ng

RT: 16.90 min Scan# 2519

Delta R.T. -0.05 min

Lab File: BF116272.D

Acq: 15 Aug 2019 12:02

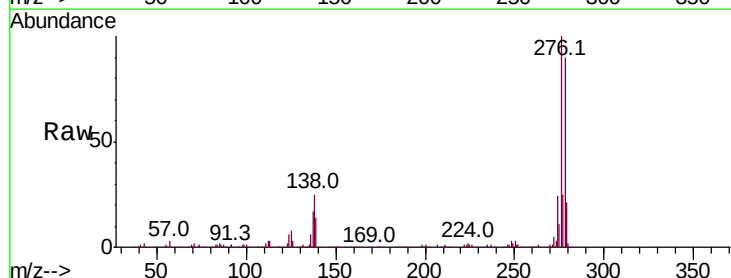
Tgt Ion:276 Resp: 871207

Ion Ratio Lower Upper

276 100

138 25.6 20.4 30.6

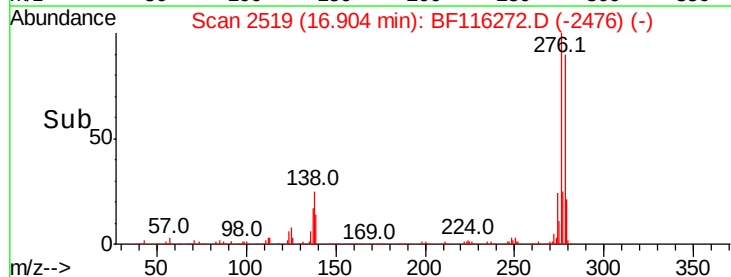
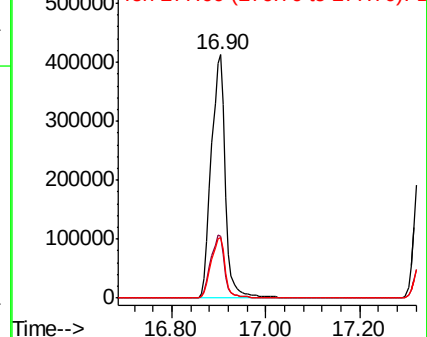
277 25.3 20.0 30.0

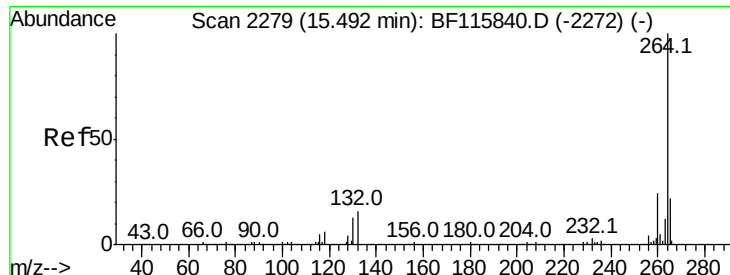


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





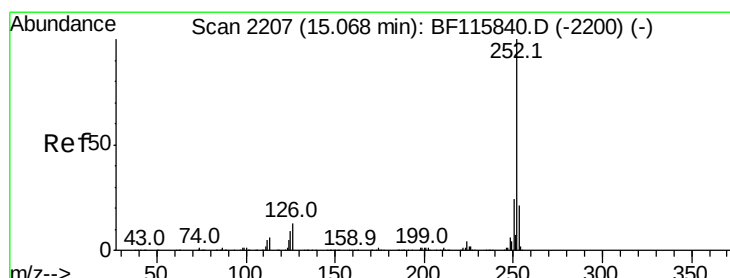
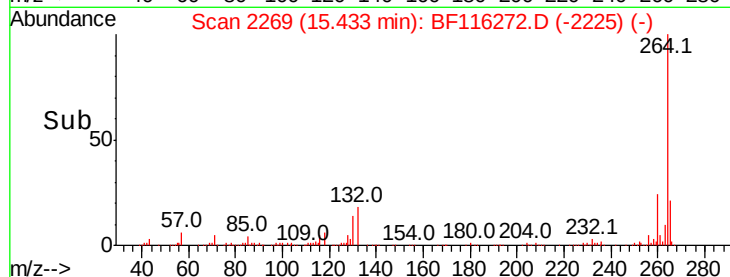
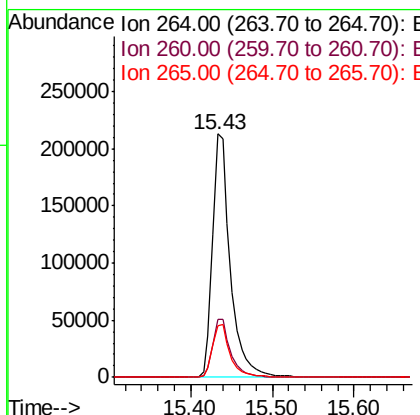
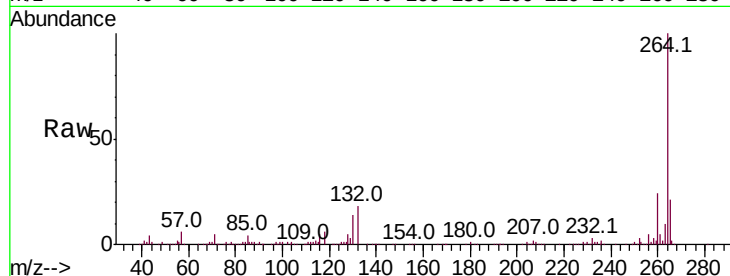
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.43 min Scan# 2269
Delta R.T. -0.04 min
Lab File: BF116272.D
Acq: 15 Aug 2019 12:02

Instrument :
BNA_F
ClientSampleId :
PB122215BS

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.7	29.5
265	21.4	17.4	26.0

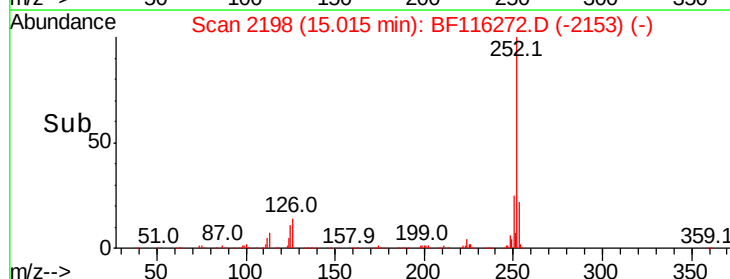
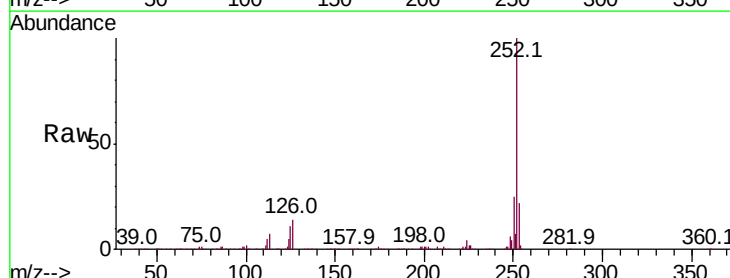
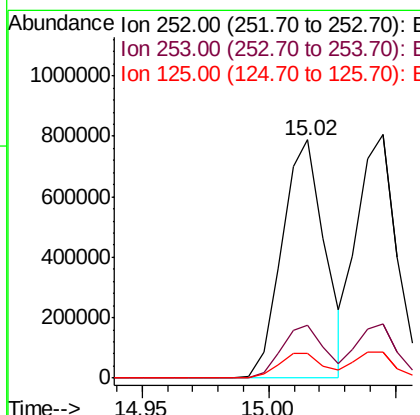
Manual Integrations
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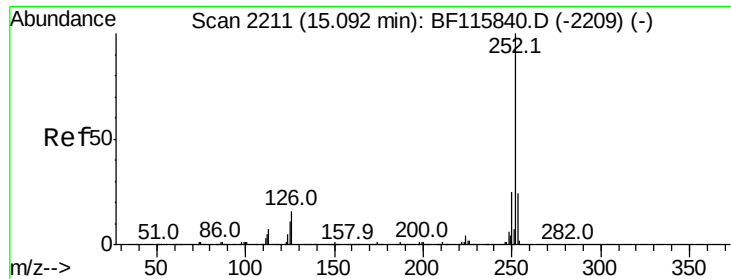
Jagrut
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#88
Benzo(b)fluoranthene
Concen: 49.853 ng
RT: 15.02 min Scan# 2198
Delta R.T. -0.04 min
Lab File: BF116272.D
Acq: 15 Aug 2019 12:02

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.8	26.8
125	10.5	8.4	12.6





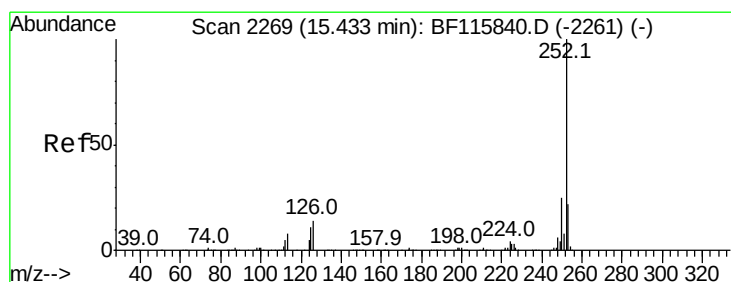
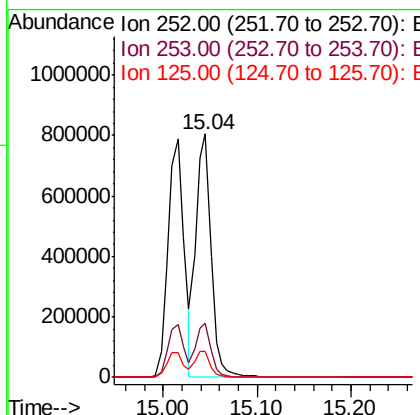
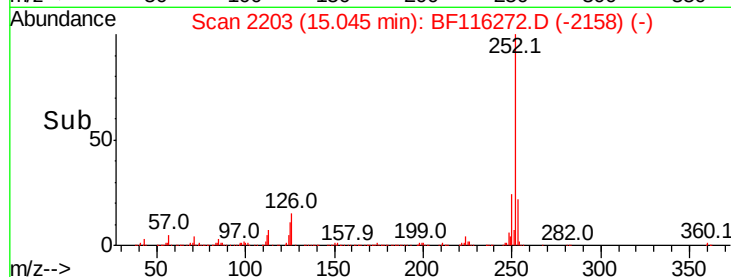
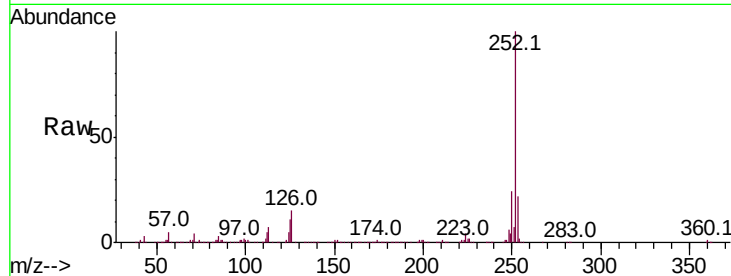
#89
Benzo(k)fluoranthene
Concen: 49.946 ng
RT: 15.04 min Scan# 2203
Delta R.T. -0.04 min
Lab File: BF116272.D
Acq: 15 Aug 2019 12:02

Instrument :
BNA_F
ClientSampled :
PB122215BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.8	26.8
125	10.5	7.7	11.5

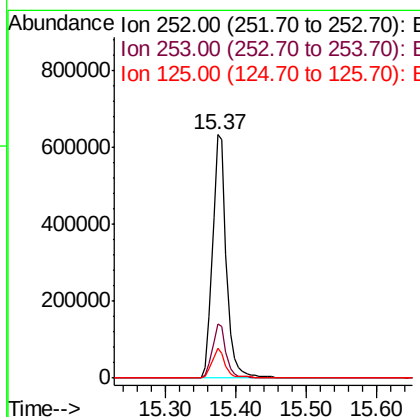
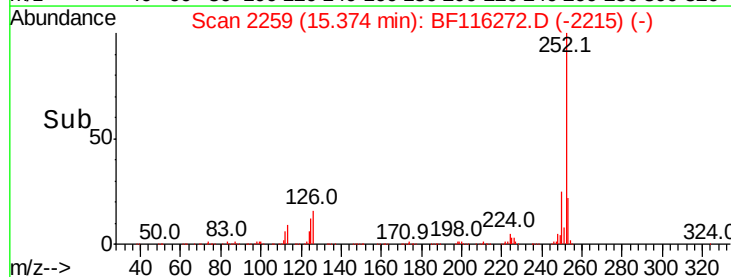
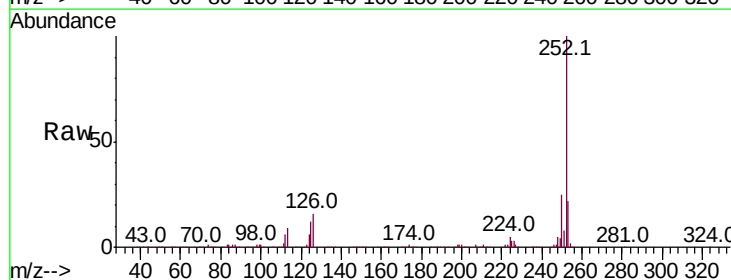
Manual Integrations
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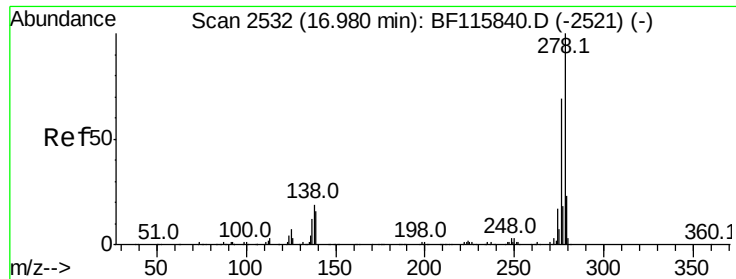
Jagrut
8/16/2019 5:32:39 PM



#90
Benzo(a)pyrene
Concen: 51.575 ng
RT: 15.37 min Scan# 2259
Delta R.T. -0.04 min
Lab File: BF116272.D
Acq: 15 Aug 2019 12:02

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.0	27.0
125	12.2	8.9	13.3





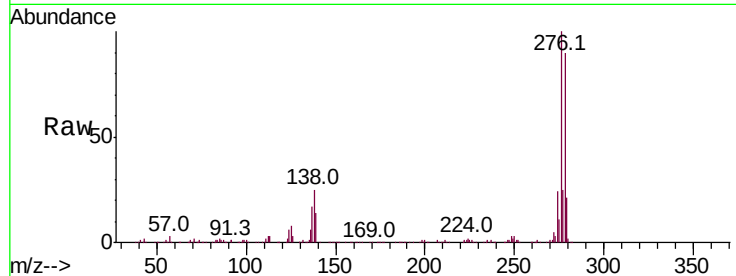
#91
Dibenzo(a,h)anthracene
Concen: 50.911 ng
RT: 16.90 min Scan# 2519
Delta R.T. -0.05 min
Lab File: BF116272.D
Acq: 15 Aug 2019 12:02

Instrument :
BNA_F
ClientSampleId :
PB122215BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	15.9	12.8	19.2
279	23.6	18.8	28.2

Manual Integrations
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Jagrut
8/16/2019 5:32:39 PM

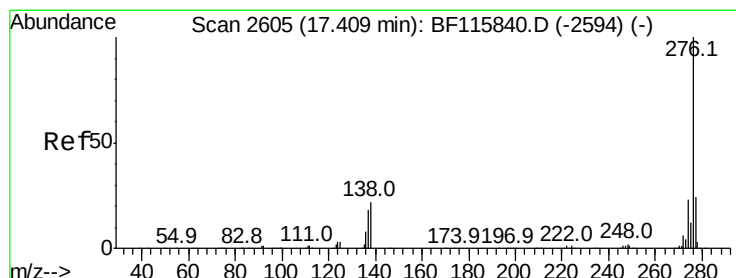
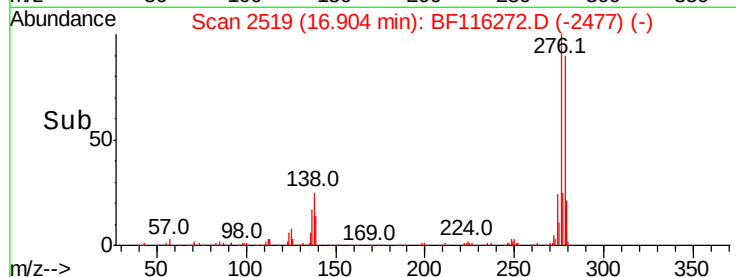
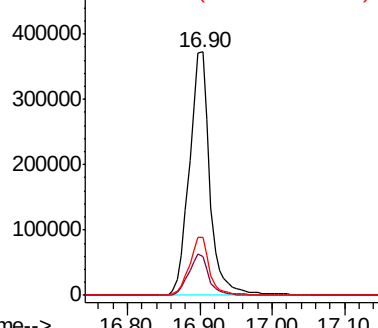


Abundance

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: 50.867 ng
RT: 17.33 min Scan# 2592
Delta R.T. -0.05 min
Lab File: BF116272.D
Acq: 15 Aug 2019 12:02

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.6	18.4	27.6
138	22.7	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

