

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080619\
 Data File : BF116002.D
 Acq On : 6 Aug 2019 10:16
 Operator : HP/JU
 Sample : PB121973BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB121973BS

Manual Integrations
 APPROVED

mohammad
 8/7/2019 4:41:35 PM

Quant Time: Aug 07 01:35:21 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 31 15:31:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	152364	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	619949	20.00	ng	-0.01
39) Acenaphthene-d10	9.88	164	330395	20.00	ng	-0.02
64) Phenanthrene-d10	11.36	188	571686	20.00	ng	-0.02
76) Chrysene-d12	14.01	240	403644	20.00	ng	-0.02
87) Perylene-d12	15.47	264	345259	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	950103	104.39	ng	0.01
7) Phenol-d6	6.49	99	1213443	105.67	ng	0.00
23) Nitrobenzene-d5	7.41	82	799140	74.41	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	339555	106.00	ng	-0.01
45) 2-Fluorobiphenyl	9.20	172	1395479	79.11	ng	-0.02
79) Terphenyl-d14	12.95	244	1528327	79.78	ng	-0.02

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.70	88	173234	37.676	ng	99
3) Pyridine	3.46	79	372145	28.974	ng	99
4) n-Nitrosodimethylamine	3.40	42	175643	34.652	ng	98
6) Aniline	6.51	93	454195	27.619	ng	98
8) 2-Chlorophenol	6.63	128	395569	39.304	ng	100
9) Benzaldehyde	6.39	77	139188	17.567	ng	97
10) Phenol	6.50	94	508857	37.630	ng	91
11) bis(2-Chloroethyl)ether	6.58	93	384808	38.706	ng	98
12) 1,3-Dichlorobenzene	6.79	146	417507	35.895	ng	99
13) 1,4-Dichlorobenzene	6.86	146	426890	36.655	ng	97
14) 1,2-Dichlorobenzene	7.02	146	401815	37.470	ng	99
15) Benzyl Alcohol	6.99	79	337281	38.704	ng	100
16) 2,2'-oxybis(1-Chloropropan	7.12	45	516226	38.068	ng	93
17) 2-Methylphenol	7.10	107	335669	39.389	ng	99
18) Hexachloroethane	7.36	117	158372	36.935	ng	97
19) n-Nitroso-di-n-propylamine	7.26	70	274381	38.559	ng	98
20) 3+4-Methylphenols	7.25	107	403976	40.058	ng	# 82
22) Acetophenone	7.25	105	541300	39.812	ng	98
24) Nitrobenzene	7.43	77	443260	38.223	ng	96
25) Isophorone	7.66	82	805071	39.202	ng	99
26) 2-Nitrophenol	7.74	139	219635	40.178	ng	96
27) 2,4-Dimethylphenol	7.78	122	358763	43.622	ng	99
28) bis(2-Chloroethoxy)methane	7.87	93	492006	38.653	ng	99
29) 2,4-Dichlorophenol	7.99	162	345978	39.842	ng	99
30) 1,2,4-Trichlorobenzene	8.07	180	373292	37.712	ng	99
31) Naphthalene	8.15	128	1154751	39.582	ng	100
32) Benzoic acid	7.92	122	217591	37.526	ng	99
33) 4-Chloroaniline	8.19	127	340812	26.146	ng	99
34) Hexachlorobutadiene	8.26	225	211502	37.095	ng	99
35) Caprolactam	8.57	113	104713m	37.284	ng	
36) 4-Chloro-3-methylphenol	8.68	107	357790	39.606	ng	95
37) 2-Methylnaphthalene	8.84	142	773207	40.243	ng	100
38) 1-Methylnaphthalene	8.94	142	719799	39.601	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.01	216	350979	39.736	ng	99

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 QLast Update : Wed Jul 31 15:31:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.99	237	205468	53.903	nq	100
43) 2,4,6-Trichlorophenol	9.12	196	226906	37.322	nq	99
44) 2,4,5-Trichlorophenol	9.17	196	243503	38.746	nq	99
46) 1,1'-Biphenyl	9.30	154	935033	40.086	nq	99
47) 2-Chloronaphthalene	9.33	162	724558	37.322	nq	98
48) 2-Nitroaniline	9.42	65	232157	36.178	nq	89
49) Acenaphthylene	9.74	152	1109760	39.182	nq	100
50) Dimethylphthalate	9.60	163	868095	38.589	nq	99
51) 2,6-Dinitrotoluene	9.66	165	192068	39.287	nq #	87
52) Acenaphthene	9.92	154	663524	38.187	nq	99
53) 3-Nitroaniline	9.83	138	155974	25.820	nq	91
54) 2,4-Dinitrophenol	9.95	184	164907	67.656	nq	94
55) Dibenzofuran	10.09	168	992274	39.269	nq	98
56) 4-Nitrophenol	10.01	139	274772	71.006	nq	96
57) 2,4-Dinitrotoluene	10.07	165	250710	38.517	nq	98
58) Fluorene	10.43	166	765725	39.387	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.21	232	212106	40.116	nq	98
60) Diethylphthalate	10.30	149	832598	39.642	nq	99
61) 4-Chlorophenyl-phenylether	10.42	204	385875	39.191	nq	99
62) 4-Nitroaniline	10.45	138	206718	33.113	nq	99
63) Azobenzene	10.58	77	853224	39.496	nq	95
65) 4,6-Dinitro-2-methylphenol	10.49	198	120931	39.917	nq	96
66) n-Nitrosodiphenylamine	10.54	169	689997	40.099	nq	99
67) 4-Bromophenyl-phenylether	10.90	248	240835	39.353	nq	97
68) Hexachlorobenzene	10.98	284	266147	37.609	nq	98
69) Atrazine	11.06	200	215443	38.059	nq	99
70) Pentachlorophenol	11.17	266	247670	72.087	nq	98
71) Phenanthrene	11.39	178	1130830	38.693	nq	100
72) Anthracene	11.45	178	1167968	39.488	nq	99
73) Carbazole	11.60	167	1057746	39.418	nq	98
74) Di-n-butylphthalate	11.92	149	1304655	41.678	nq	100
75) Fluoranthene	12.58	202	1190571	38.912	nq	100
77) Benzidine	12.70	184	392408	28.776	nq	97
78) Pyrene	12.81	202	1205707	39.626	nq	100
80) Butylbenzylphthalate	13.42	149	553917	43.036	nq	99
81) Benzo(a)anthracene	14.00	228	998374	38.697	nq	99
82) 3,3'-Dichlorobenzidine	13.95	252	318090	35.488	nq #	99
83) Chrysene	14.03	228	970267	38.737	nq	99
84) Bis(2-ethylhexyl)phthalate	13.97	149	788122	47.121	nq	100
85) Di-n-octyl phthalate	14.59	149	1248790	47.007	nq	99
86) Indeno(1,2,3-cd)pyrene	16.94	276	823394	39.140	nq	99
88) Benzo(b)fluoranthene	15.04	252	868051	43.482	nq	97
89) Benzo(k)fluoranthene	15.07	252	859860	44.221	nq	99
90) Benzo(a)pyrene	15.41	252	802634	44.976	nq	99
91) Dibenzo(a,h)anthracene	16.94	278	694531	44.961	nq	98
92) Benzo(g,h,i)perylene	17.37	276	672486	44.328	nq	98

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



#1

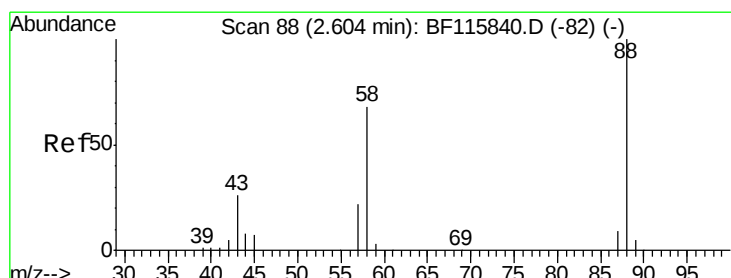
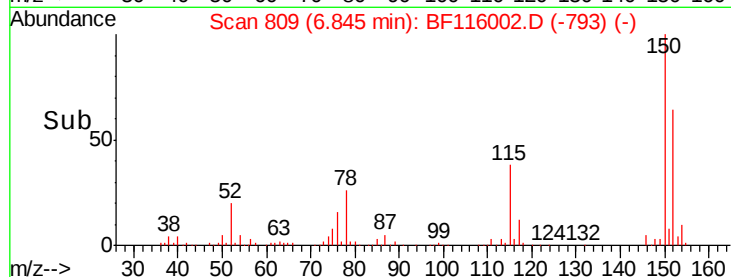
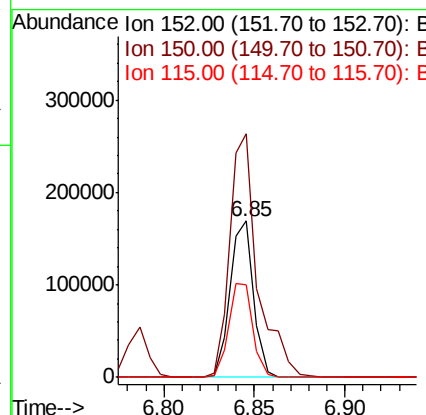
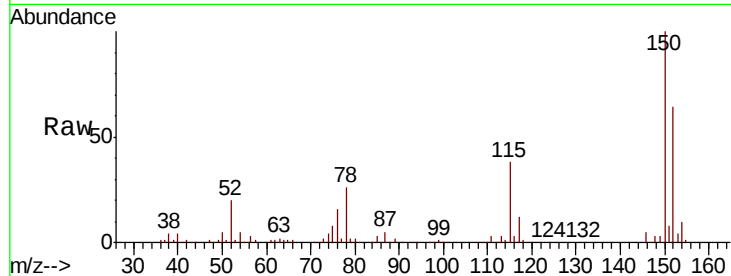
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 809
Delta R.T. -0.01 min
Lab File: BF116002.D
Acq: 6 Aug 2019 10:16

Instrument :
BNA_F
ClientSampleId :
PB121973BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.7	127.4	191.0
115	59.2	51.8	77.8

Manual Integrations
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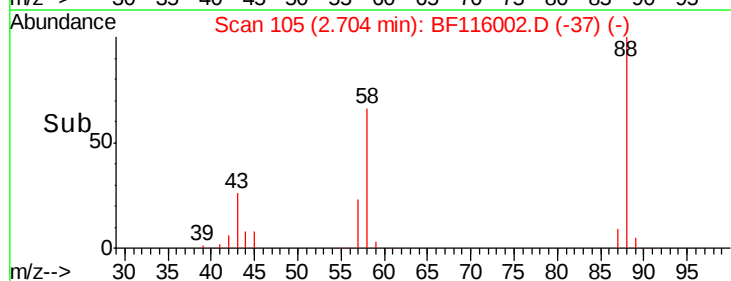
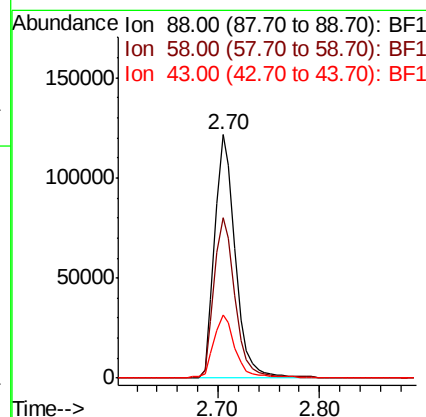
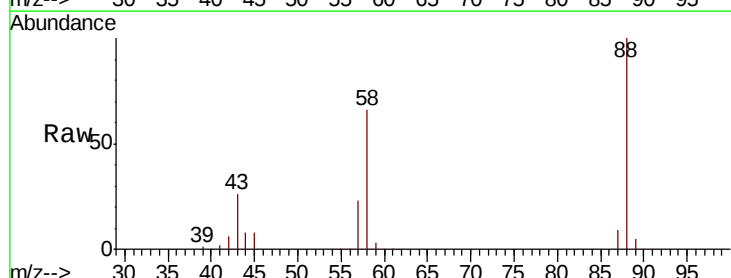
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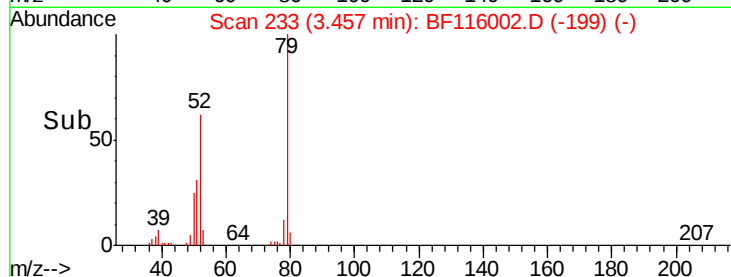
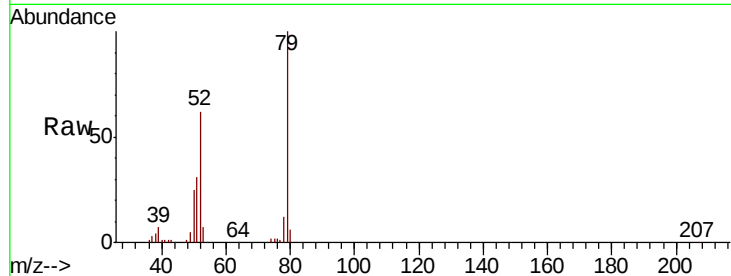
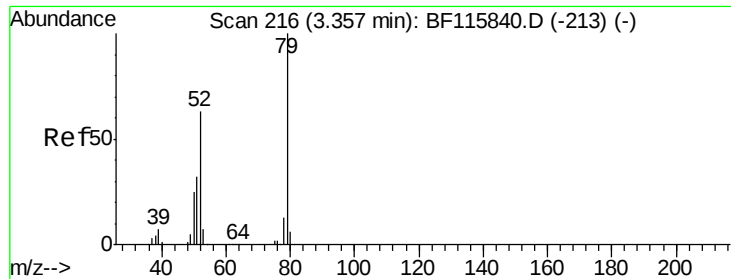


#2

1,4-Dioxane
Concen: 37.676 ng
RT: 2.70 min Scan# 105
Delta R.T. 0.10 min
Lab File: BF116002.D
Acq: 6 Aug 2019 10:16

Tgt Ion	Ratio	Lower	Upper
88	100		
58	67.0	54.1	81.1
43	25.7	20.7	31.1





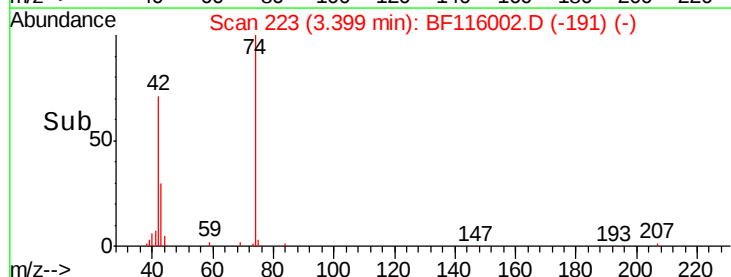
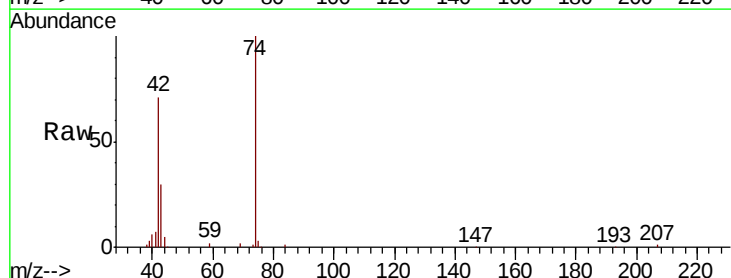
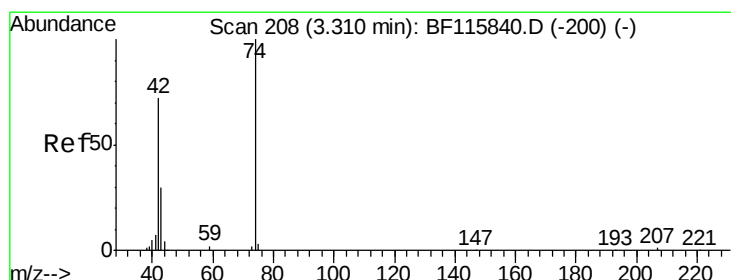
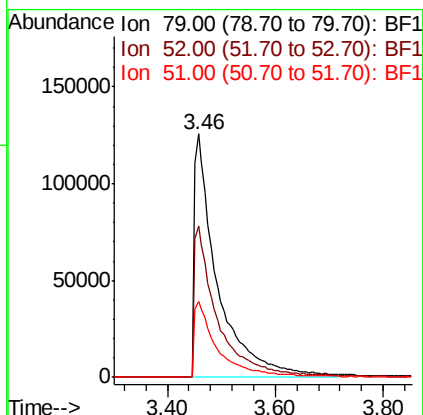
#3
Pvridine
Concen: 28.974 ng
RT: 3.46 min Scan# 233
Delta R.T. 0.10 min
Lab File: BF116002.D
Acq: 6 Aug 2019 10:16

Tot Ion	Ratio	Resp	Lower	Upper
79	100	372145		
52	62.1		50.2	75.4
51	31.0		25.8	38.6

Instrument :
BNA_F
ClientSampleId :
PB121973BS

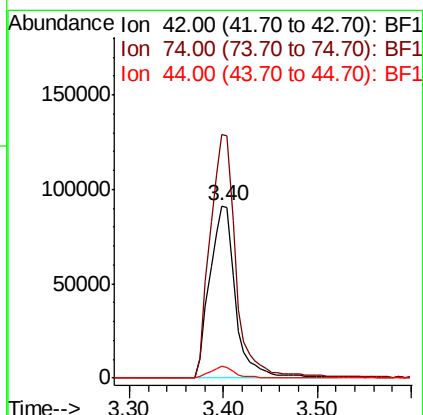
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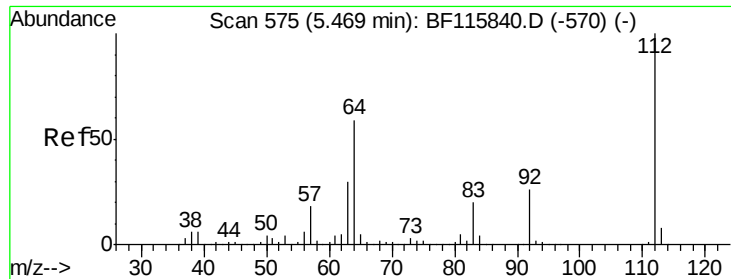
mohammad
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#4
n-Nitrosodimethylamine
Concen: 34.652 ng
RT: 3.40 min Scan# 223
Delta R.T. 0.09 min
Lab File: BF116002.D
Acq: 6 Aug 2019 10:16

Tgt Ion	Ratio	Resp	Lower	Upper
42	100	175643		
74	141.6		111.0	166.4
44	6.7		4.7	7.1





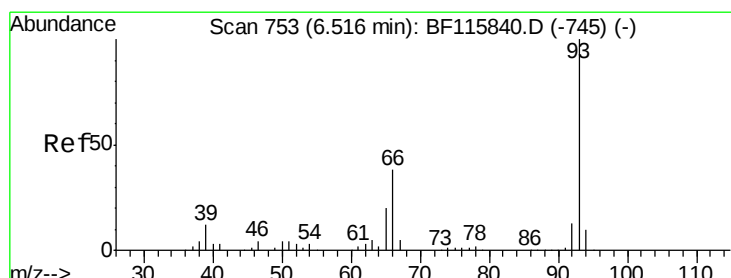
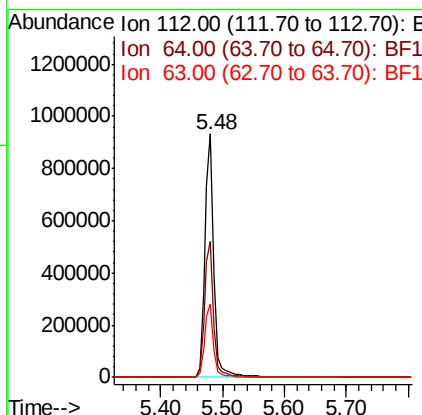
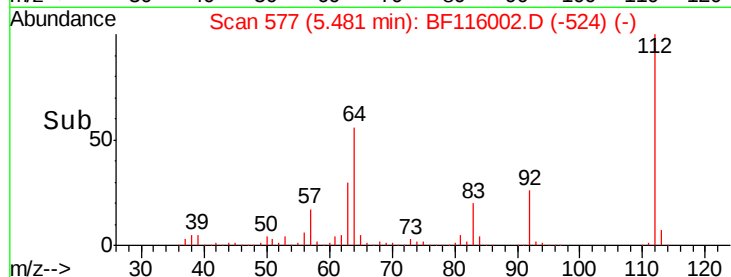
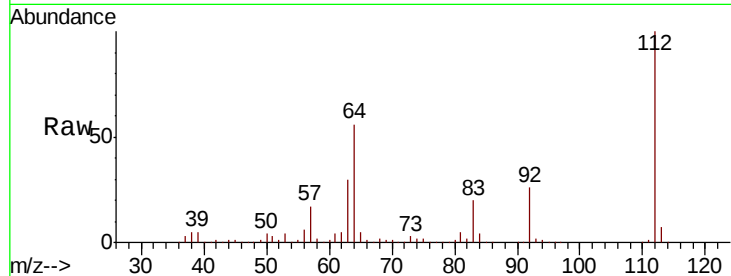
#5
2-Fluorophenol
Concen: 104.390 ng
RT: 5.48 min Scan# 577
Delta R.T. 0.01 min
Lab File: BF116002.D
Acq: 6 Aug 2019 10:16

Instrument :
BNA_F
ClientSampleId :
PB121973BS

Tot Ion	Ratio	Resp Lower	Upper
112	100		
64	56.0	46.8	70.2
63	29.9	24.2	36.2

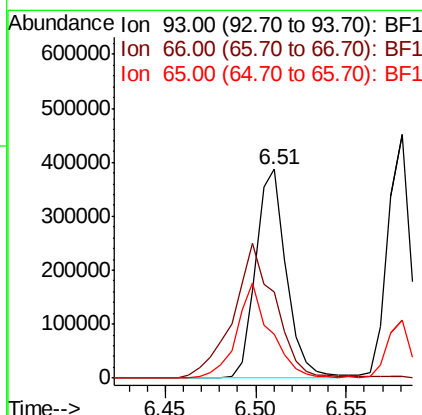
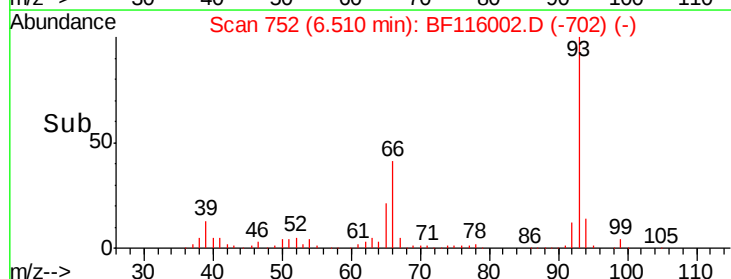
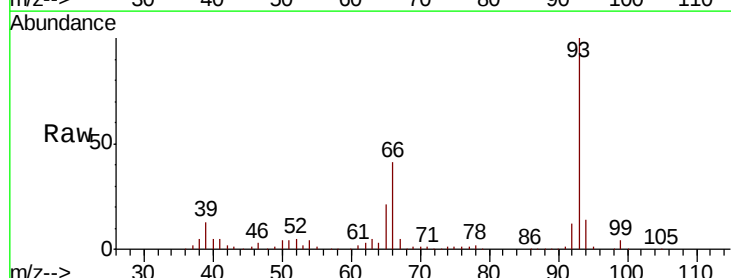
Manual Integrations
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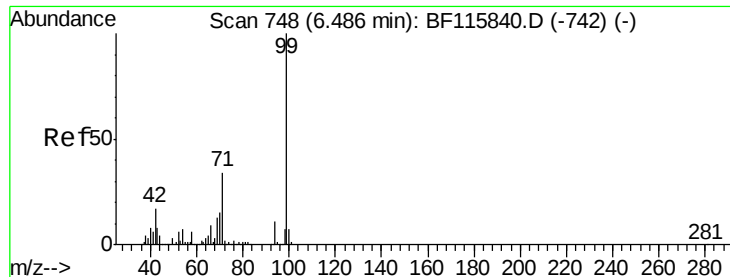
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#6
Aniline
Concen: 27.619 ng
RT: 6.51 min Scan# 752
Delta R.T. -0.01 min
Lab File: BF116002.D
Acq: 6 Aug 2019 10:16

Tgt Ion	Ratio	Resp Lower	Upper
93	100		
66	40.9	31.4	47.0
65	21.2	16.5	24.7





#7

Phenol-d6

Concen: 105.672 ng

RT: 6.49 min Scan# 748

Delta R.T. 0.00 min

Lab File: BF116002.D

Acq: 6 Aug 2019 10:16

Instrument :

BNA_F

ClientSampleId :

PB121973BS

Tot Ion: 99 Resp: 1213443

Ion Ratio Lower Upper

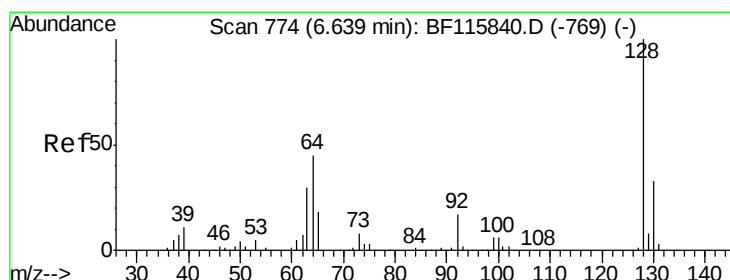
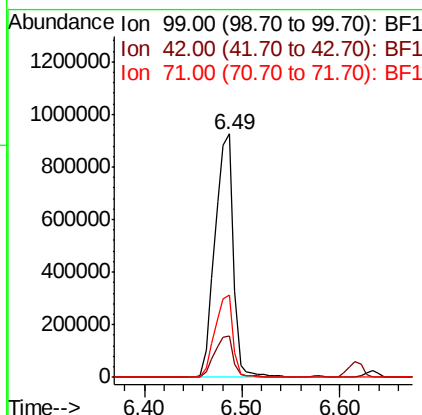
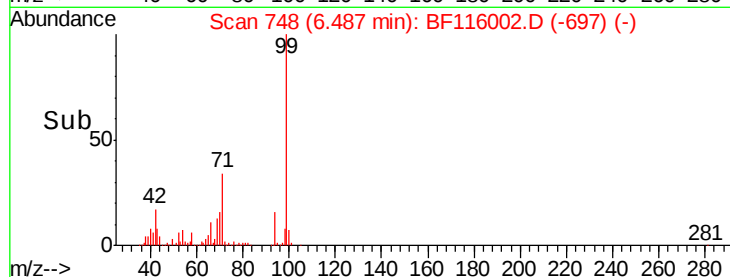
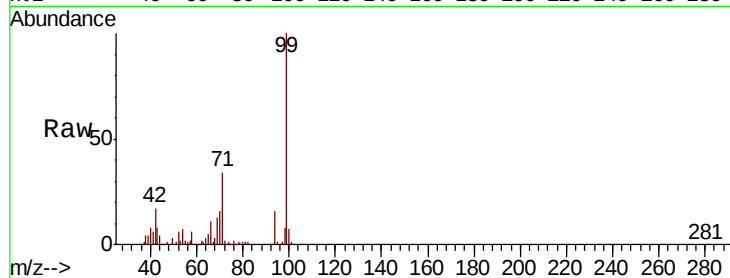
99 100

42 16.8 13.8 20.6

71 33.6 27.1 40.7

Manual Integrations
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#8

2-Chlorophenol

Concen: 39.304 ng

RT: 6.63 min Scan# 773

Delta R.T. -0.01 min

Lab File: BF116002.D

Acq: 6 Aug 2019 10:16

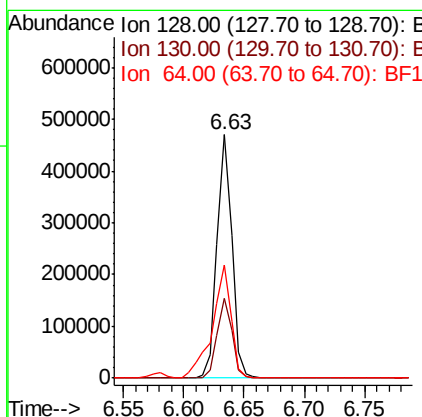
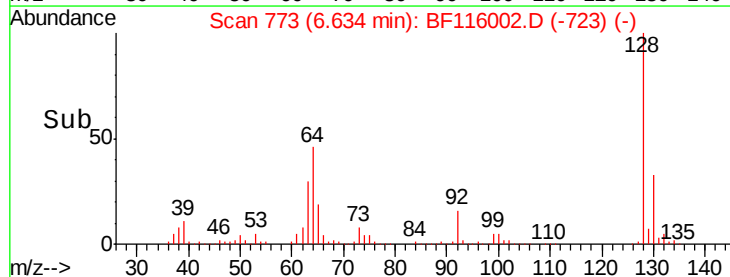
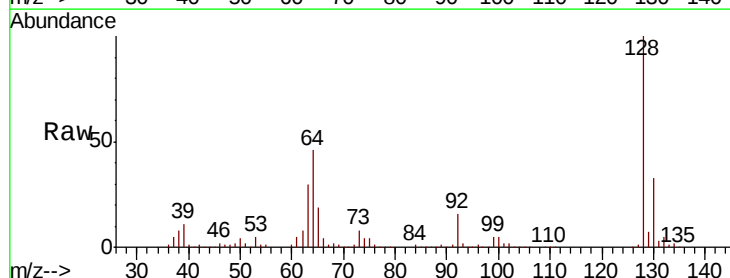
Tgt Ion: 128 Resp: 395569

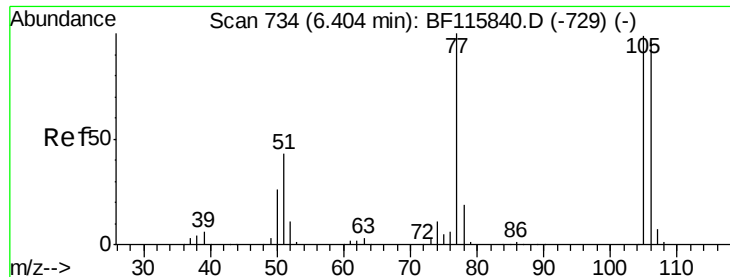
Ion Ratio Lower Upper

128 100

130 32.9 12.9 52.9

64 46.4 26.1 66.1





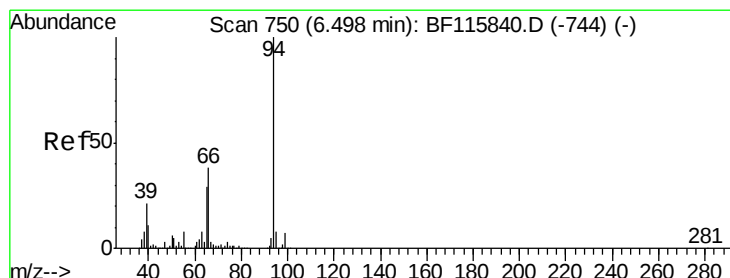
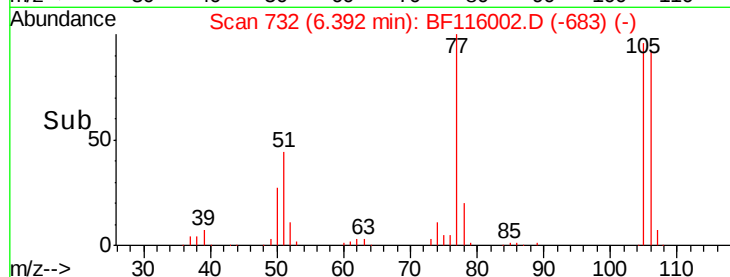
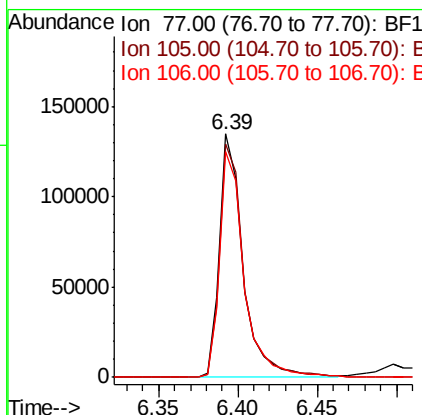
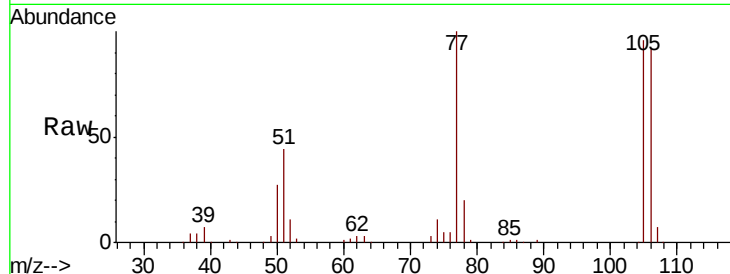
#9
Benzaldehyde
Concen: 17.567 ng
RT: 6.39 min Scan# 732
Delta R.T. -0.01 min
Lab File: BF116002.D
Acq: 6 Aug 2019 10:16

Instrument :
BNA_F
ClientSampleId :
PB121973BS

Tot Ion	Ratio	Lower	Upper
77	100		
105	95.8	79.0	119.0
106	92.5	76.2	116.2

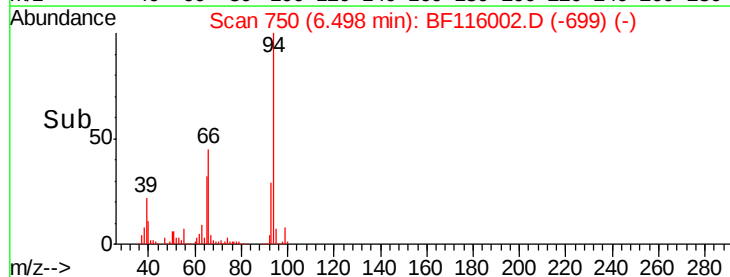
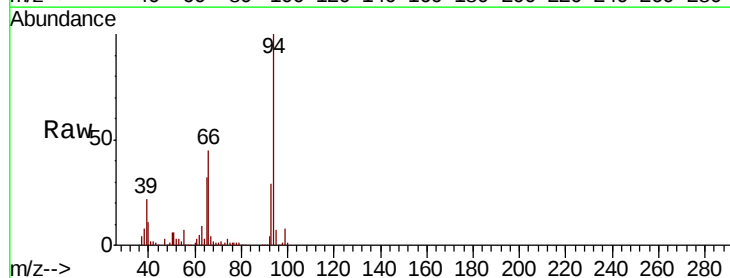
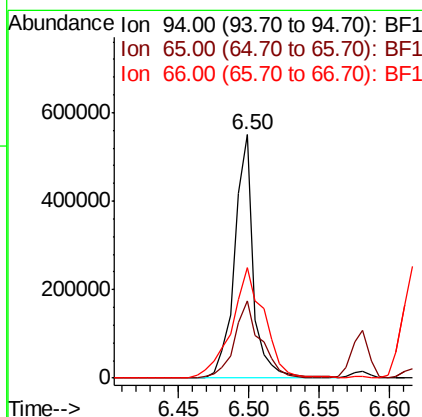
Manual Integrations
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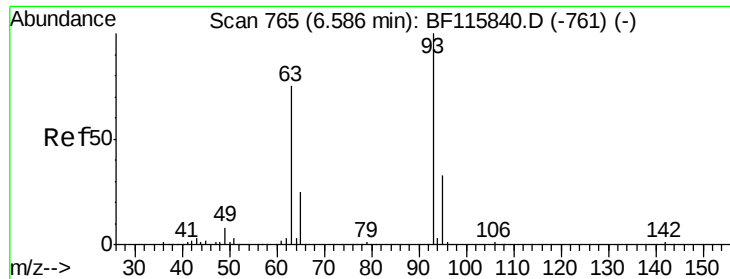
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#10
Phenol
Concen: 37.630 ng
RT: 6.50 min Scan# 750
Delta R.T. 0.00 min
Lab File: BF116002.D
Acq: 6 Aug 2019 10:16

Tgt Ion	Ratio	Lower	Upper
94	100		
65	31.8	8.9	48.9
66	45.4	18.0	58.0





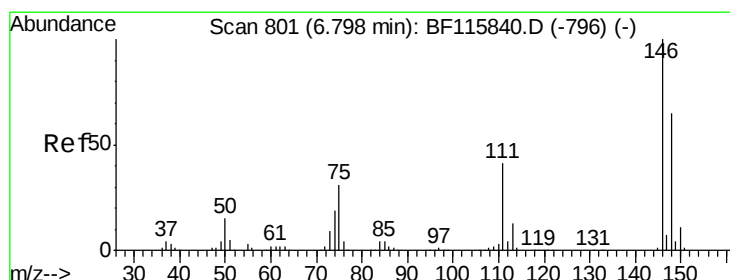
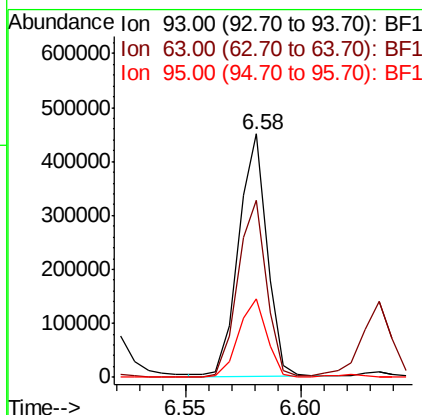
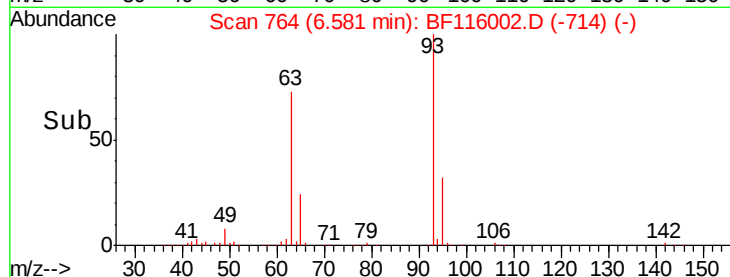
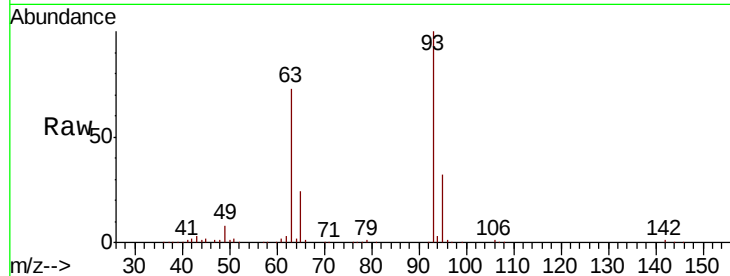
#11
bis(2-Chloroethyl)ether
Concen: 38.706 ng
RT: 6.58 min Scan# 764
Delta R.T. -0.01 min
Lab File: BF116002.D
Acq: 6 Aug 2019 10:16

Instrument :
BNA_F
ClientSampleId :
PB121973BS

Tot Ion	Ratio	Resp	Lower	Upper
93	100			
63	72.7	54.9	94.9	
95	32.5	13.3	53.3	

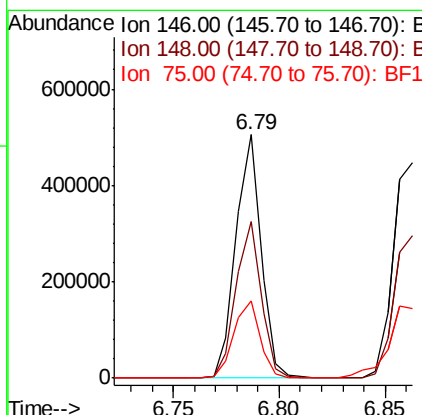
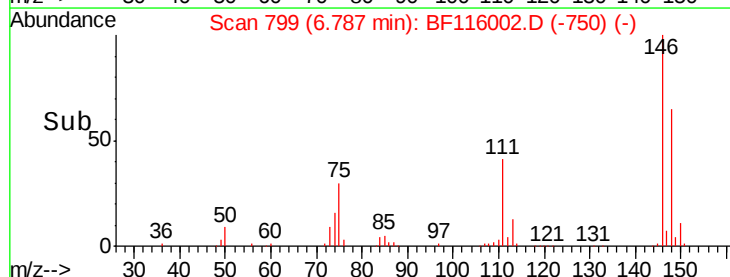
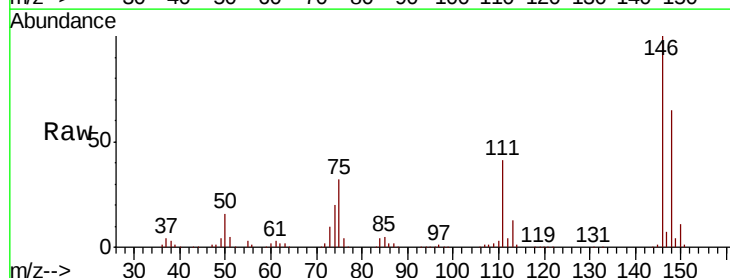
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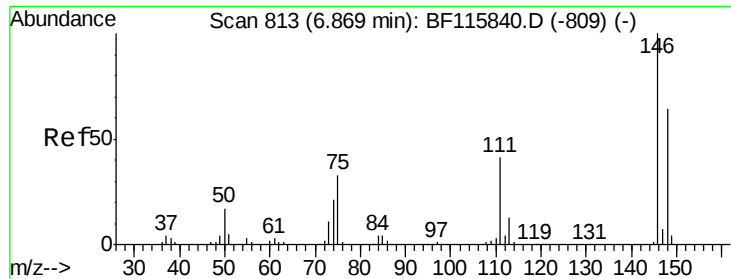
mohammad
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#12
1,3-Dichlorobenzene
Concen: 35.895 ng
RT: 6.79 min Scan# 799
Delta R.T. -0.01 min
Lab File: BF116002.D
Acq: 6 Aug 2019 10:16

Tgt Ion	Ratio	Resp	Lower	Upper
146	100			
148	64.5	52.1	78.1	
75	31.7	25.0	37.6	





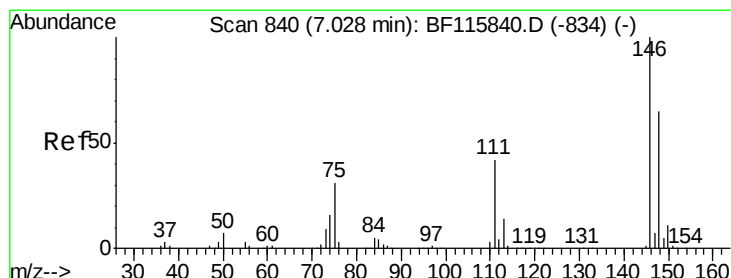
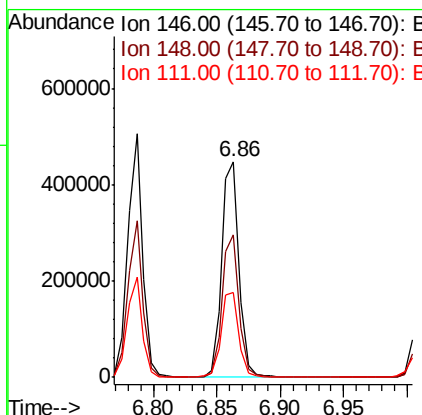
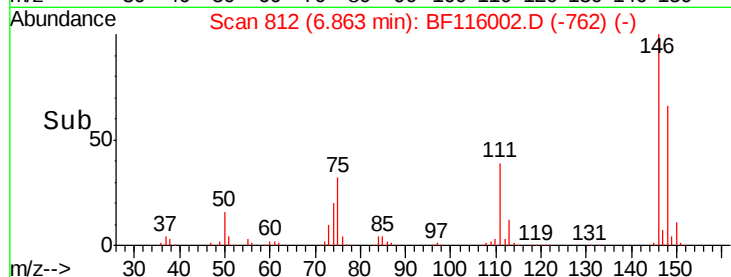
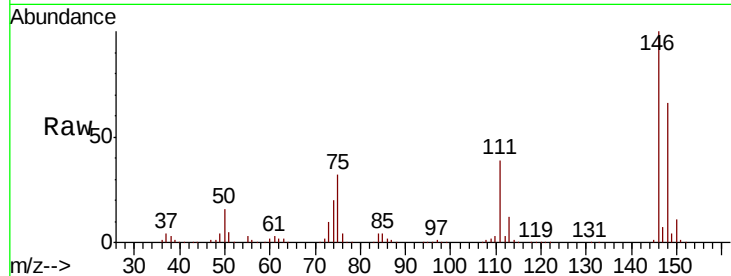
#13
 1,4-Dichlorobenzene
 Concen: 36.655 ng
 RT: 6.86 min Scan# 812
 Delta R.T. -0.01 min
 Lab File: BF116002.D
 Acq: 6 Aug 2019 10:16

Instrument :
 BNA_F
 ClientSampleId :
 PB121973BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.7	51.2	76.8
111	39.5	33.2	49.8

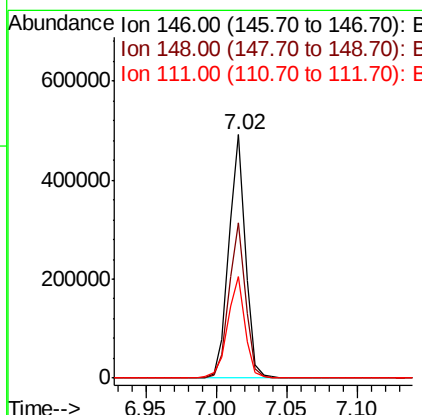
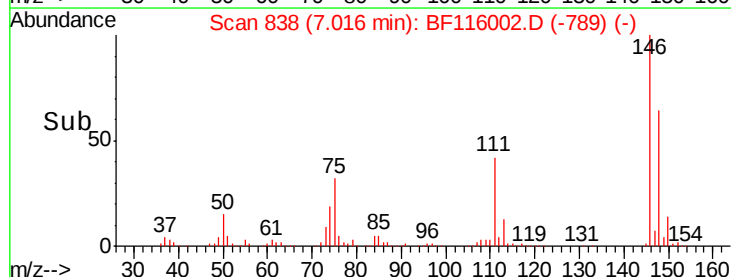
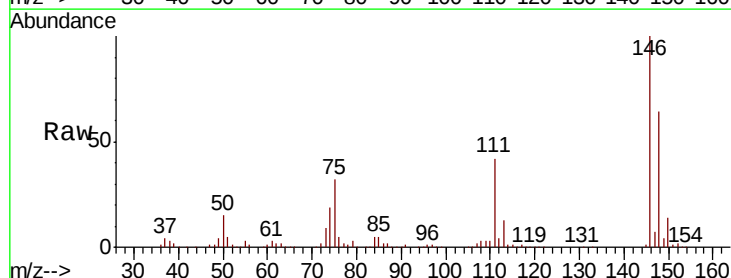
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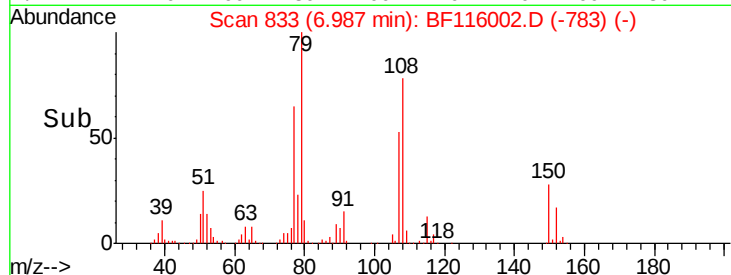
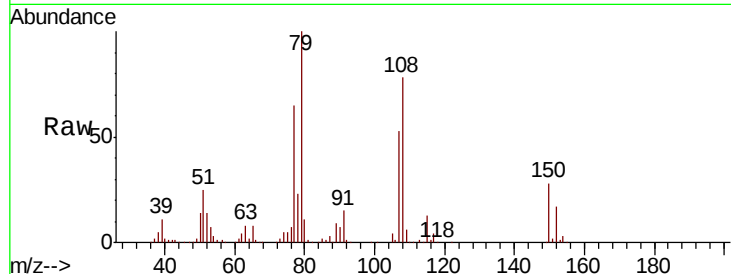
mohammad
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#14
 1,2-Dichlorobenzene
 Concen: 37.470 ng
 RT: 7.02 min Scan# 838
 Delta R.T. -0.01 min
 Lab File: BF116002.D
 Acq: 6 Aug 2019 10:16

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.9	51.6	77.4
111	41.7	33.6	50.4





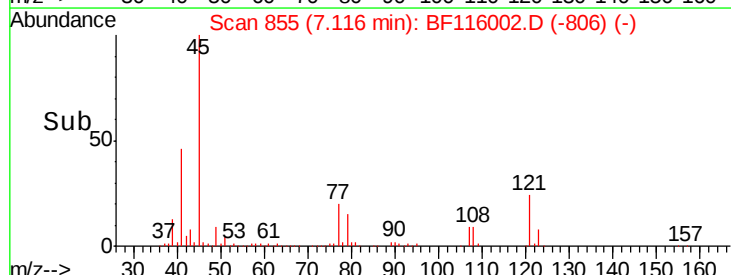
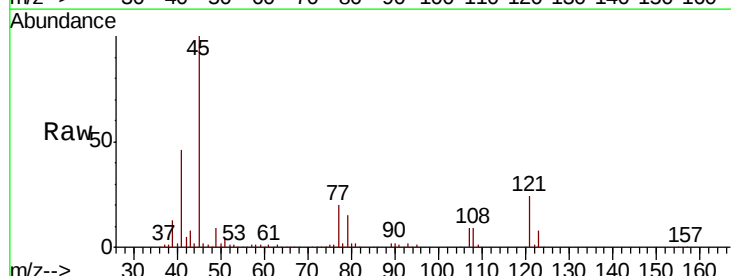
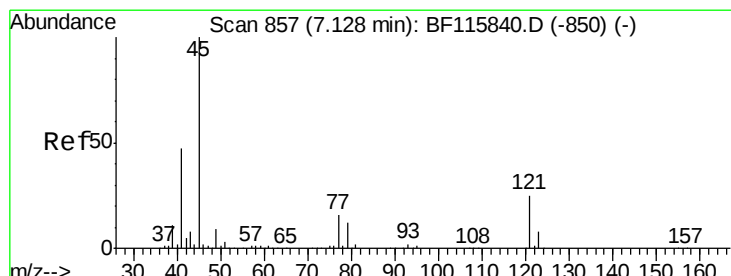
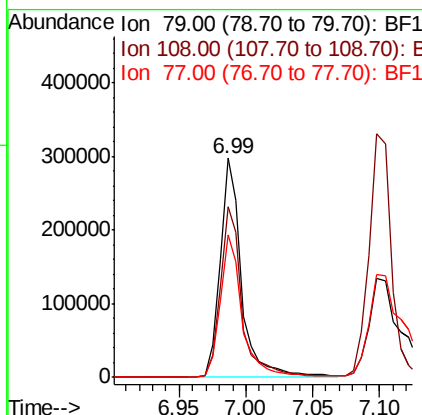
#15
Benzyl Alcohol
Concen: 38.704 ng
RT: 6.99 min Scan# 833
Delta R.T. -0.01 min
Lab File: BF116002.D
Acq: 6 Aug 2019 10:16

Tot Ion	Ratio	Resp	Lower	Upper
79	100			
108	78.2	62.8	94.2	
77	65.1	52.0	78.0	

Instrument :
BNA_F
ClientSampleId :
PB121973BS

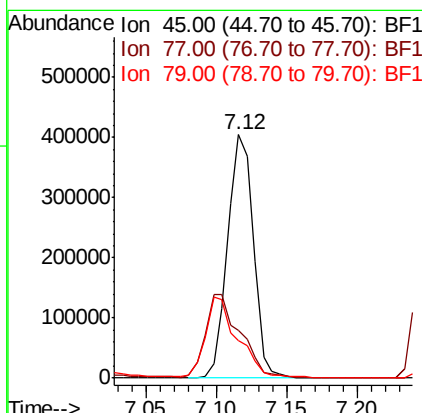
Manual Integrations
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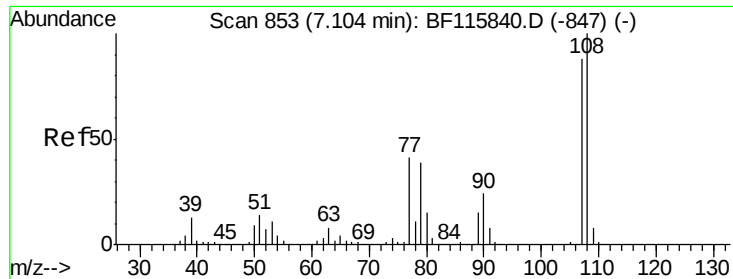
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.068 ng
RT: 7.12 min Scan# 855
Delta R.T. -0.01 min
Lab File: BF116002.D
Acq: 6 Aug 2019 10:16

Tgt Ion	Ratio	Resp	Lower	Upper
45	100			
77	19.6	0.0	36.3	
79	15.3	0.0	32.5	





#17

2-Methylphenol

Concen: 39.389 ng

RT: 7.10 min Scan# 852

Delta R.T. -0.01 min

Lab File: BF116002.D

Acq: 6 Aug 2019 10:16

Instrument :

BNA_F

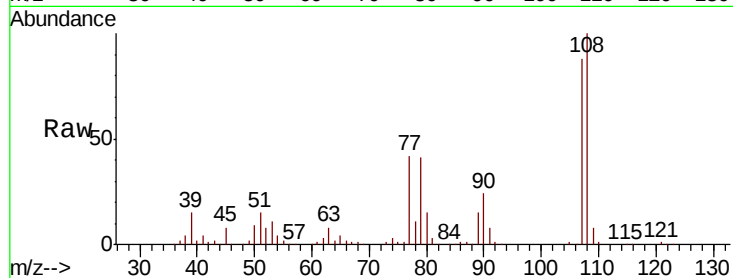
ClientSampleId :

PB121973BS

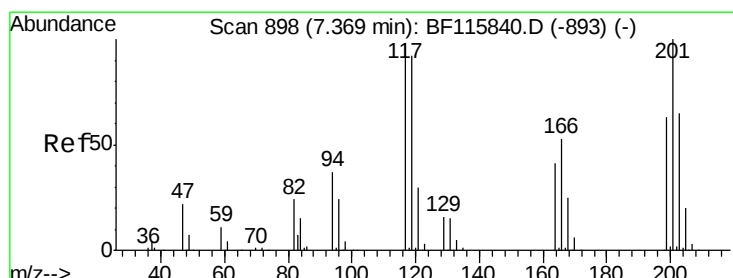
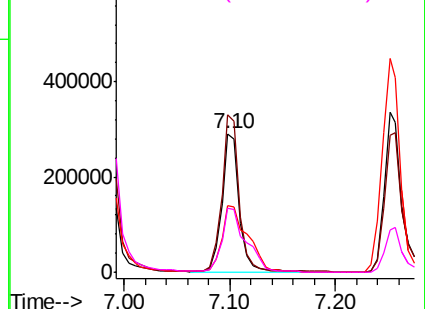
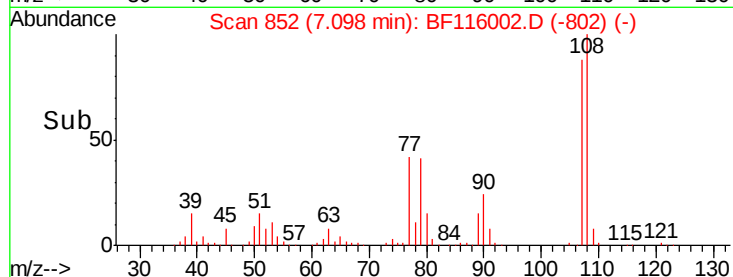
Tot Ion:	107	Resp:	335669
Ion Ratio	Lower	Upper	
107	100		
108	113.8	91.4	137.0
77	47.7	37.6	56.4
79	46.1	36.2	54.4

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Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1



#18

Hexachloroethane

Concen: 36.935 ng

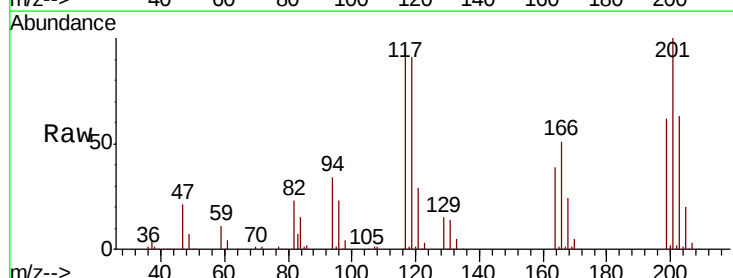
RT: 7.36 min Scan# 896

Delta R.T. -0.01 min

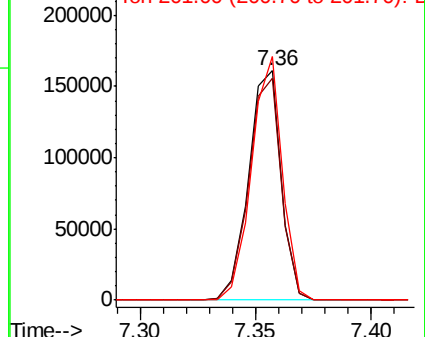
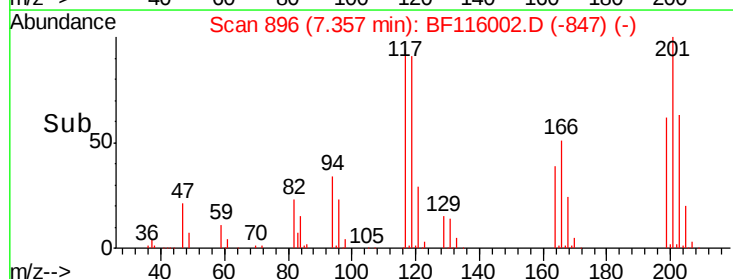
Lab File: BF116002.D

Acq: 6 Aug 2019 10:16

Tgt Ion:	117	Resp:	158372
Ion Ratio	Lower	Upper	
117	100		
119	97.1	75.8	113.6
201	106.3	82.0	123.0



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





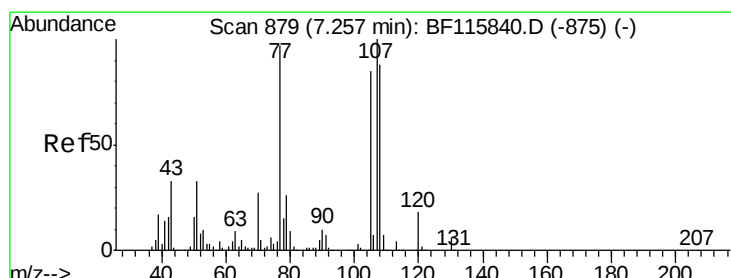
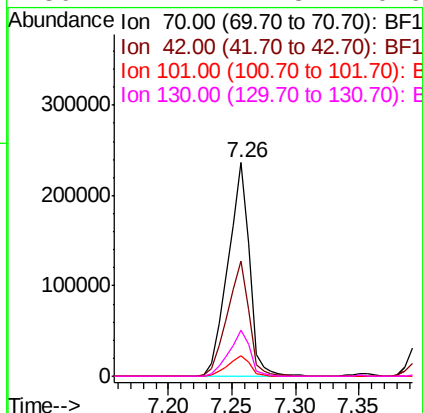
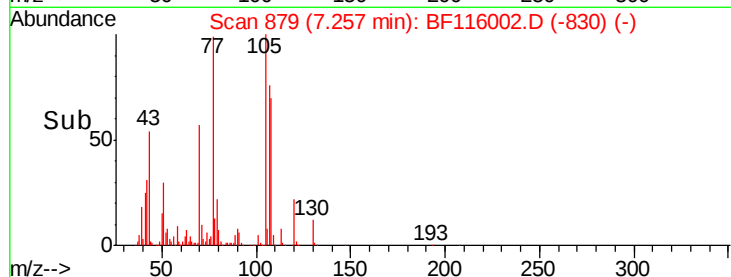
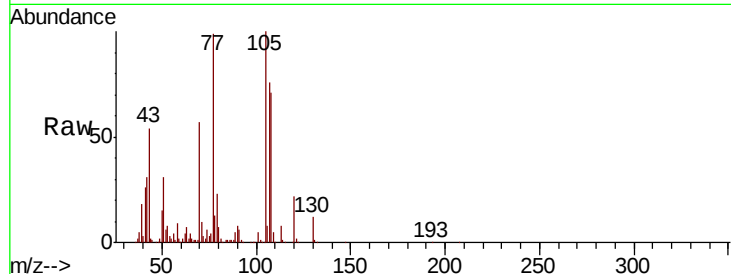
#19
n-Nitroso-di-n-propylamine
Concen: 38.559 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.01 min
Lab File: BF116002.D
Acq: 6 Aug 2019 10:16

Instrument :
BNA_F
ClientSampleId :
PB121973BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100		274381		
42	54.1	41.8	62.8		
101	9.6	7.7	11.5		
130	21.4	17.8	26.6		

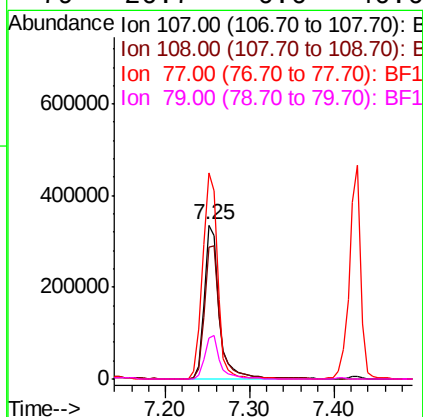
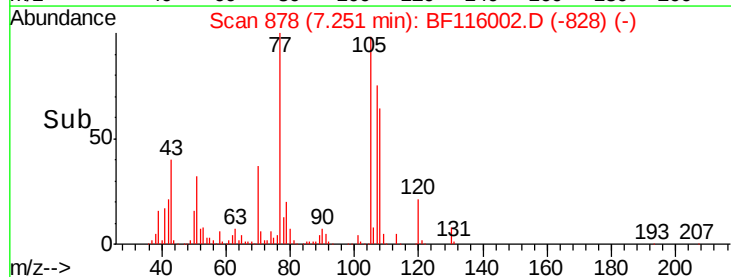
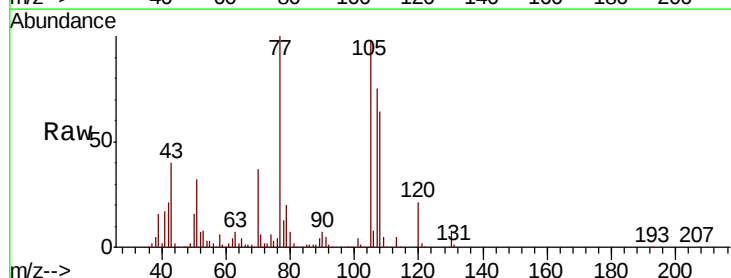
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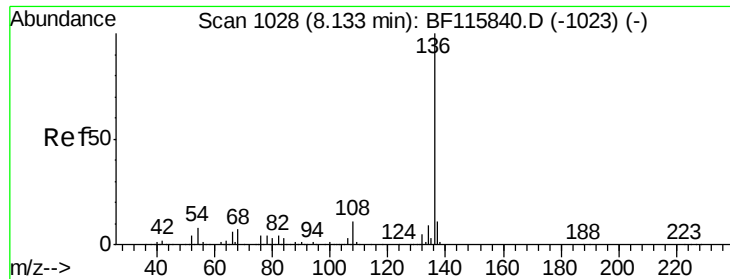
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#20
3+4-Methylphenols
Concen: 40.058 ng
RT: 7.25 min Scan# 878
Delta R.T. -0.01 min
Lab File: BF116002.D
Acq: 6 Aug 2019 10:16

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		403976		
108	85.4	67.9	107.9		
77	133.4	77.3	117.3#		
79	26.7	6.6	46.6		





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.12 min Scan# 1026

Delta R.T. -0.01 min

Lab File: BF116002.D

Acq: 6 Aug 2019 10:16

Instrument :

BNA_F

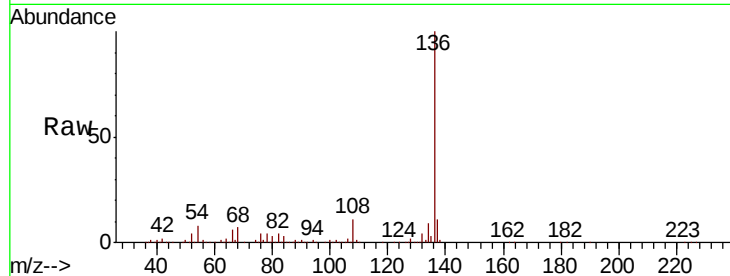
ClientSampleId :

PB121973BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	619949		
137	11.1		9.1	13.7
54	7.8		6.1	9.1
68	6.6		5.4	8.2

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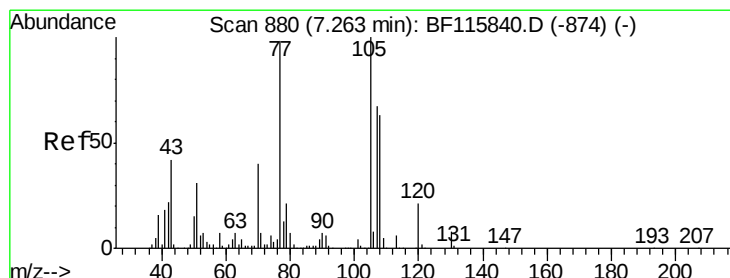
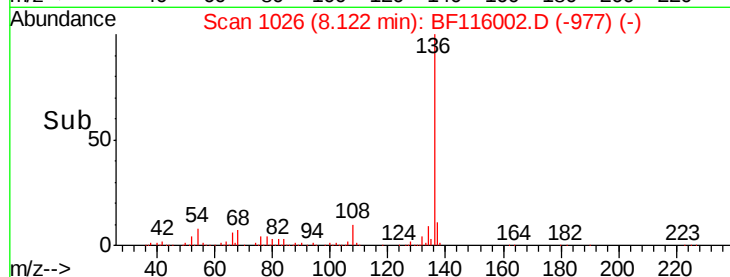
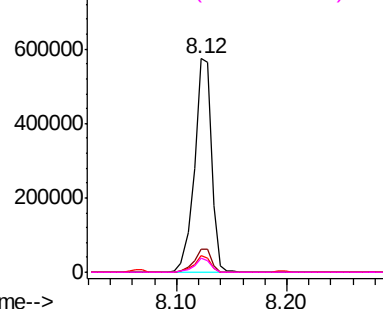
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 39.812 ng

RT: 7.25 min Scan# 878

Delta R.T. -0.01 min

Lab File: BF116002.D

Acq: 6 Aug 2019 10:16

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	541300		
71	6.6		5.4	8.0
51	32.4		24.6	36.8
120	21.4		17.0	25.6

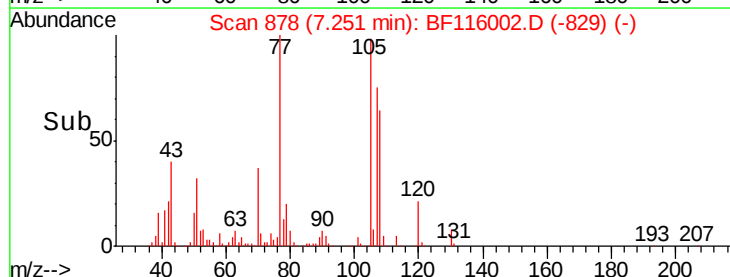
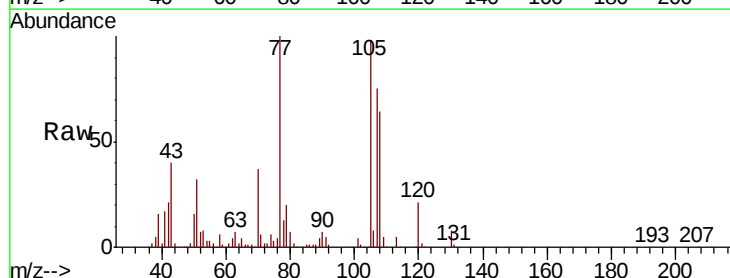
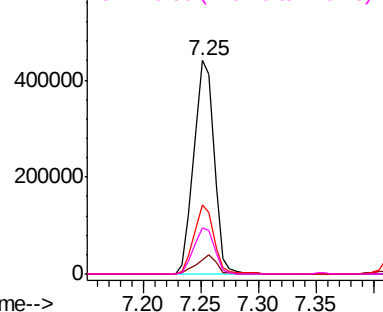
Abundance

Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E





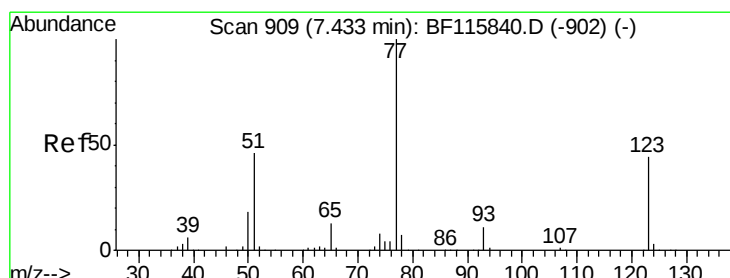
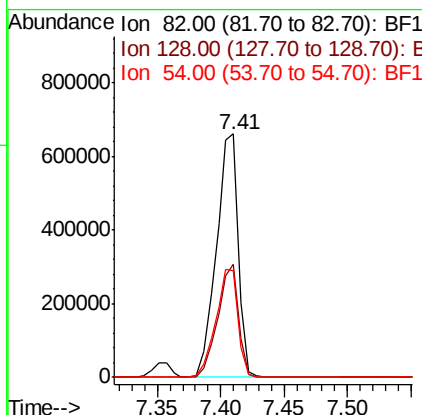
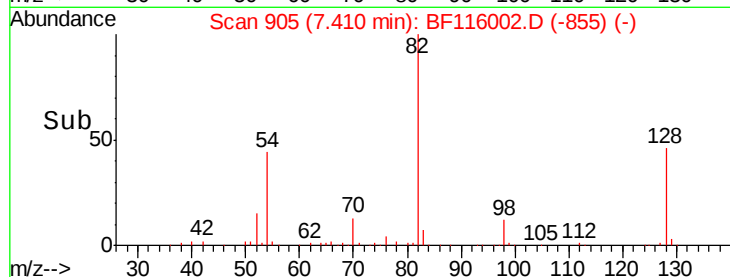
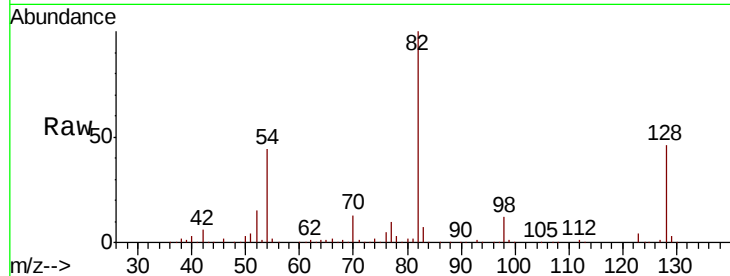
#23
Nitrobenzene-d5
Concen: 74.407 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.01 min
Lab File: BF116002.D
Acq: 6 Aug 2019 10:16

Instrument :
BNA_F
ClientSampleId :
PB121973BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	46.2	36.6	55.0
54	44.0	36.6	55.0

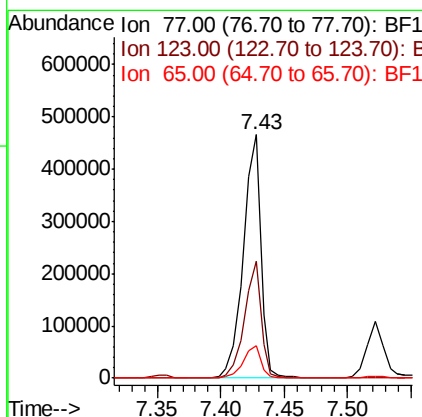
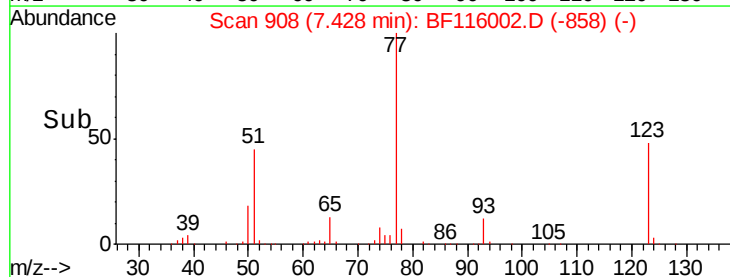
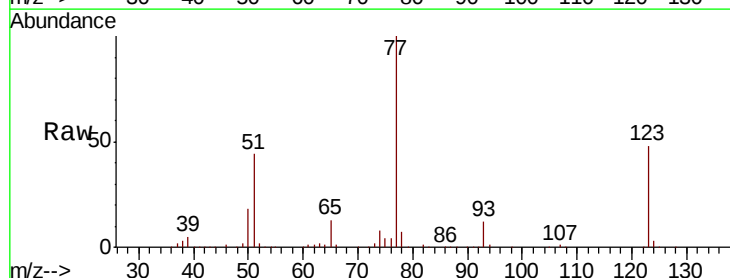
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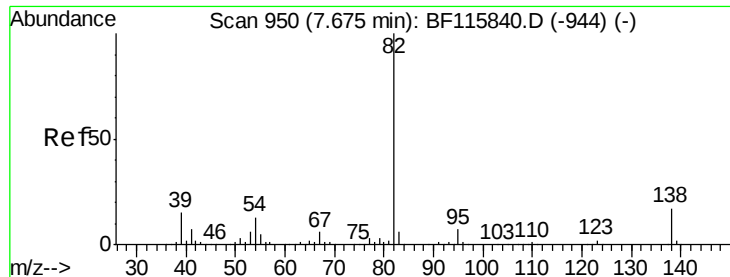
mohammad
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#24
Nitrobenzene
Concen: 38.223 ng
RT: 7.43 min Scan# 908
Delta R.T. -0.01 min
Lab File: BF116002.D
Acq: 6 Aug 2019 10:16

Tgt Ion	Ratio	Lower	Upper
77	100		
123	48.0	35.5	53.3
65	13.2	10.6	15.8





#25

Isophorone

Concen: 39.202 ng

RT: 7.66 min Scan# 948

Delta R.T. -0.01 min

Lab File: BF116002.D

Acq: 6 Aug 2019 10:16

Instrument :

BNA_F

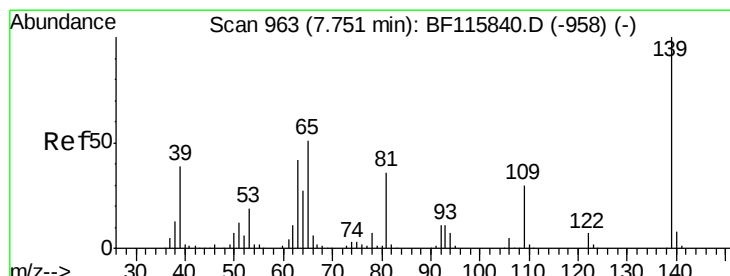
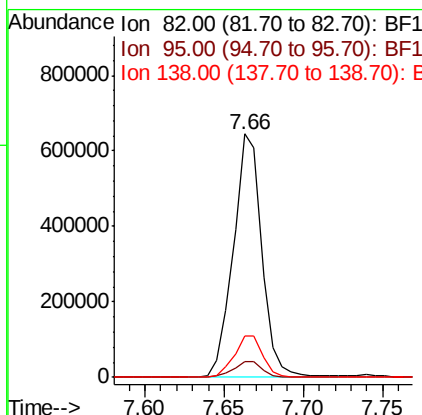
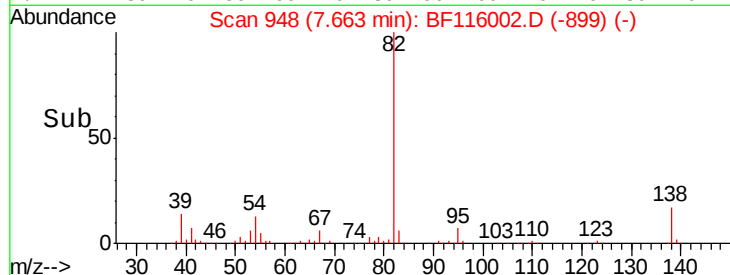
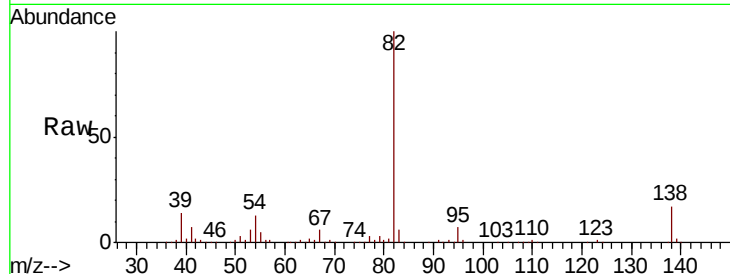
ClientSampleId :

PB121973BS

Tot Ion:	82	Resp:	805071
Ion Ratio	Lower	Upper	
82	100		
95	6.7	5.5	8.3
138	16.8	13.9	20.9

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#26

2-Nitrophenol

Concen: 40.178 ng

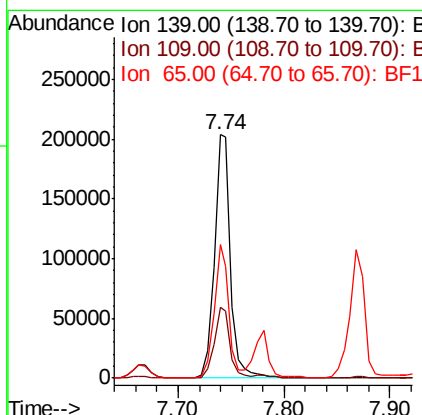
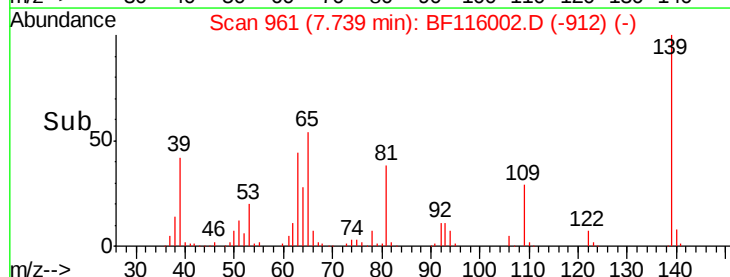
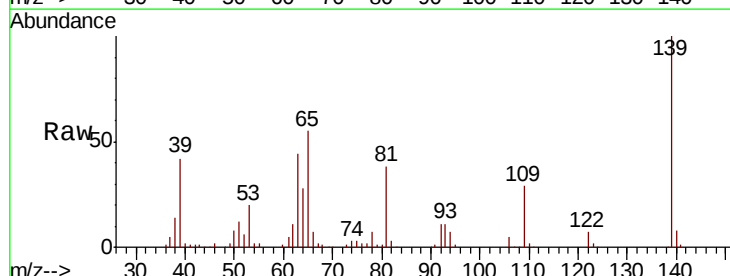
RT: 7.74 min Scan# 961

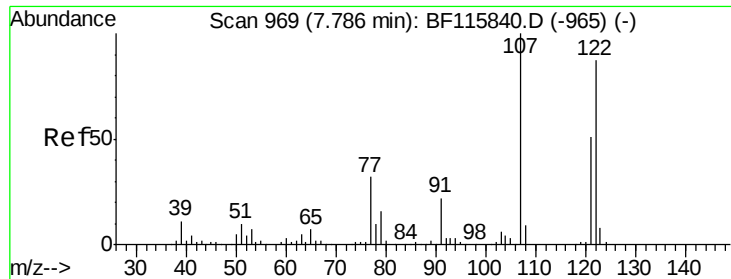
Delta R.T. -0.01 min

Lab File: BF116002.D

Acq: 6 Aug 2019 10:16

Tgt Ion:	139	Resp:	219635
Ion Ratio	Lower	Upper	
139	100		
109	29.3	23.6	35.4
65	54.7	40.6	60.8





#27

2,4-Dimethylphenol

Concen: 43.622 ng

RT: 7.78 min Scan# 968

Delta R.T. -0.01 min

Lab File: BF116002.D

Acq: 6 Aug 2019 10:16

Instrument :

BNA_F

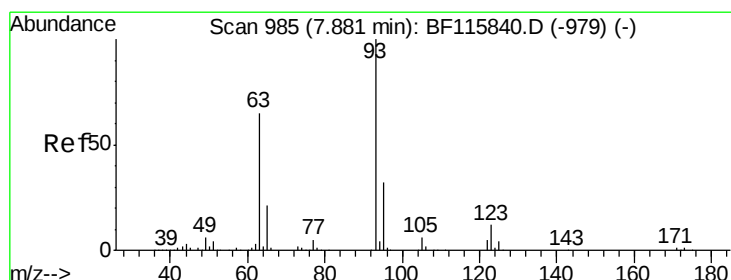
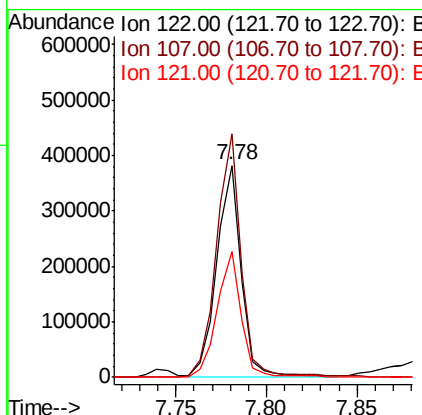
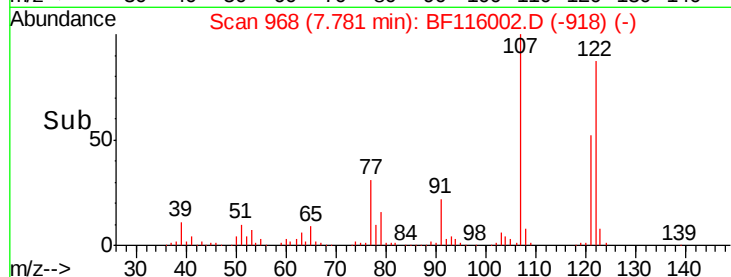
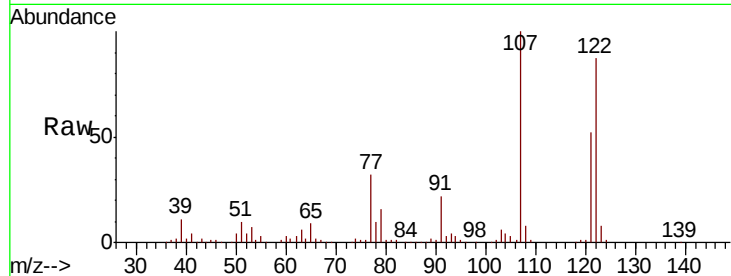
ClientSampleId :

PB121973BS

Tot Ion:	122	Resp:	358763
Ion Ratio	Lower	Upper	
122	100		
107	114.9	91.7	137.5
121	59.5	46.6	70.0

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#28

bis(2-Chloroethoxy)methane

Concen: 38.653 ng

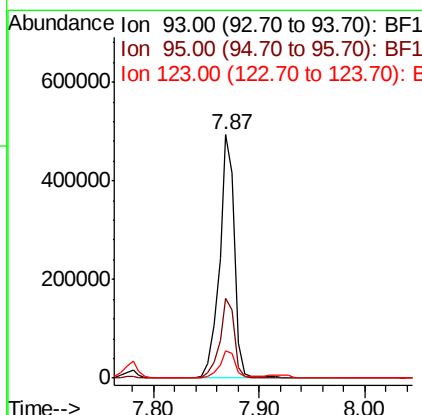
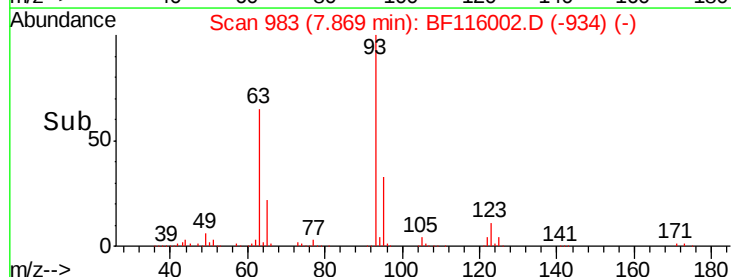
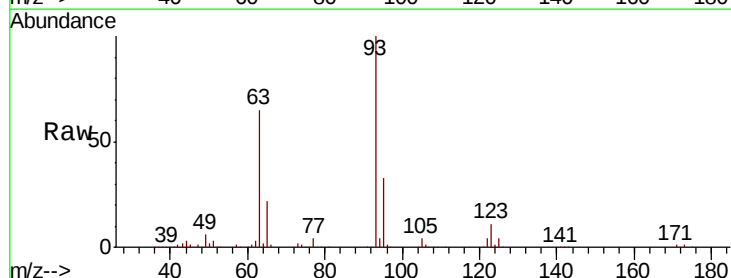
RT: 7.87 min Scan# 983

Delta R.T. -0.01 min

Lab File: BF116002.D

Acq: 6 Aug 2019 10:16

Tgt Ion:	93	Resp:	492006
Ion Ratio	Lower	Upper	
93	100		
95	32.8	26.0	39.0
123	11.4	9.5	14.3





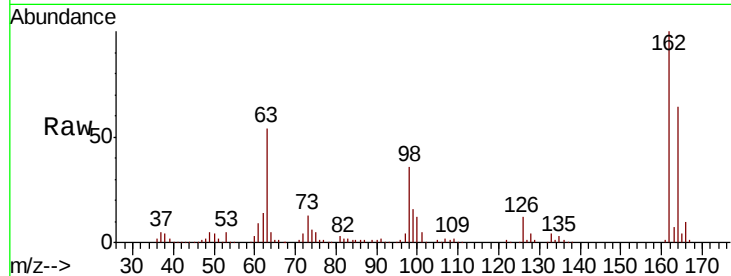
#29
2,4-Dichlorophenol
Concen: 39.842 ng
RT: 7.99 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BF116002.D
Acq: 6 Aug 2019 10:16

Instrument :
BNA_F
ClientSampleId :
PB121973BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	345978		
164	64.1	43.2	83.2	
98	36.3	17.3	57.3	

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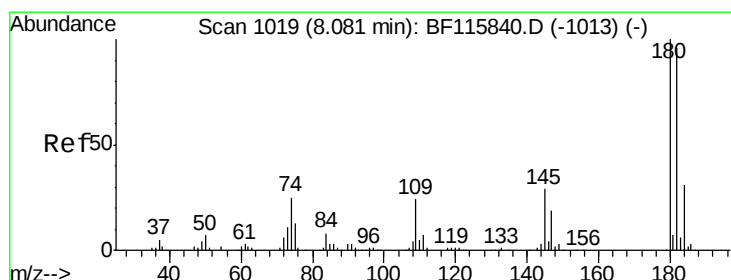
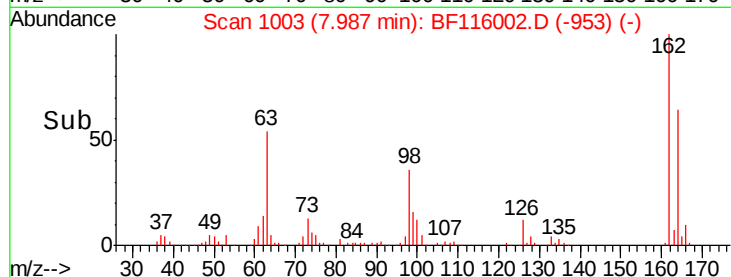
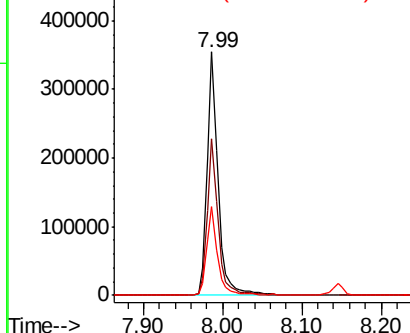


Abundance

Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
1,2,4-Trichlorobenzene
Concen: 37.712 ng
RT: 8.07 min Scan# 1017
Delta R.T. -0.01 min
Lab File: BF116002.D
Acq: 6 Aug 2019 10:16

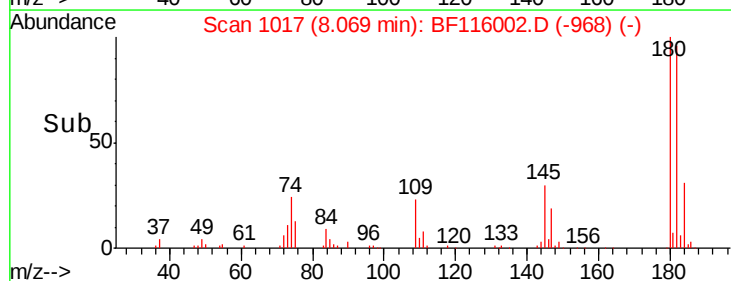
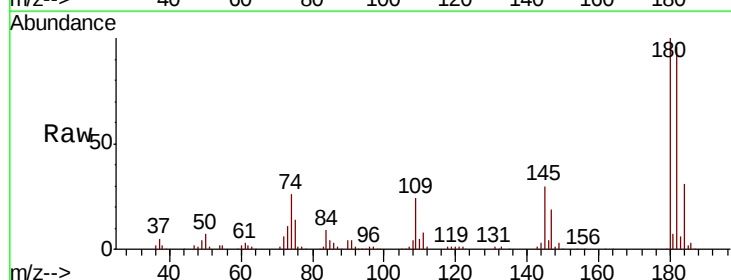
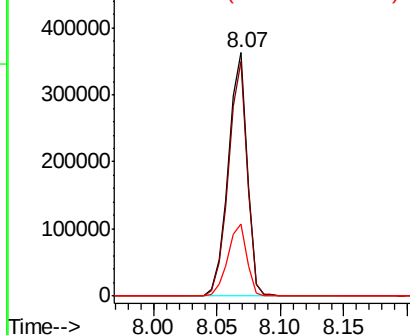
Tgt Ion	Ratio	Resp	Lower	Upper
180	100	373292		
182	96.3	76.6	114.8	
145	29.6	23.2	34.8	

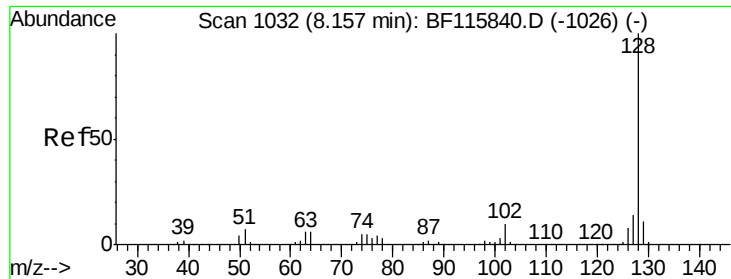
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





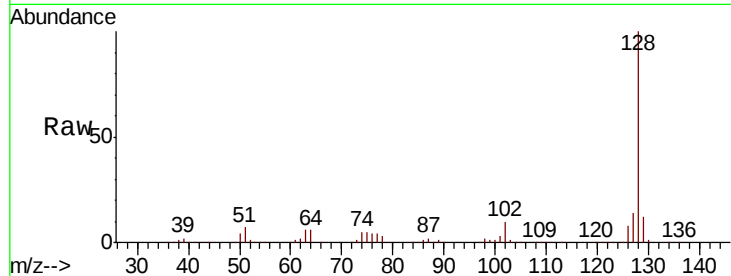
#31
Naphthalene
Concen: 39.582 ng
RT: 8.15 min Scan# 1030
Delta R.T. -0.01 min
Lab File: BF116002.D
Acq: 6 Aug 2019 10:16

Instrument :
BNA_F
ClientSampleId :
PB121973BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.6	9.2	13.8
127	13.7	11.0	16.4

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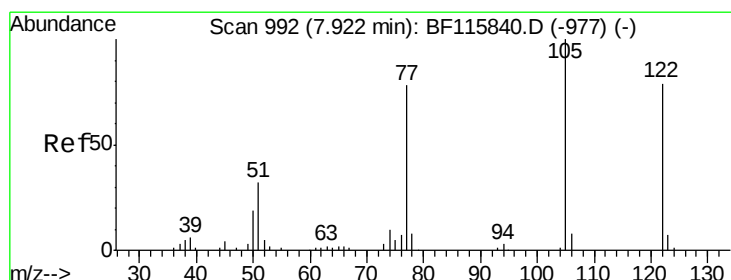
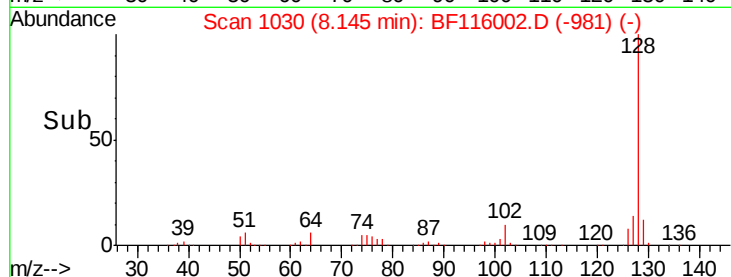
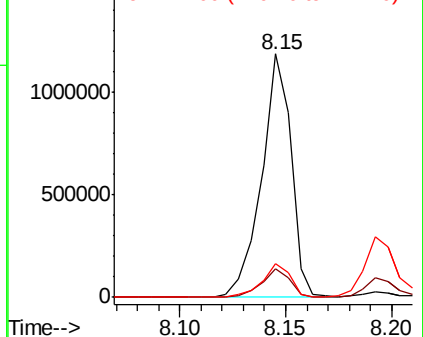


Abundance

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: 37.526 ng
RT: 7.92 min Scan# 992
Delta R.T. 0.00 min
Lab File: BF116002.D
Acq: 6 Aug 2019 10:16

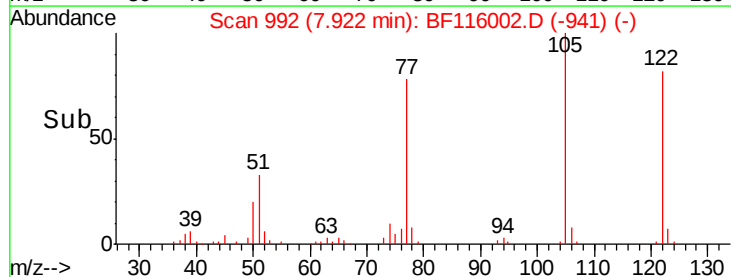
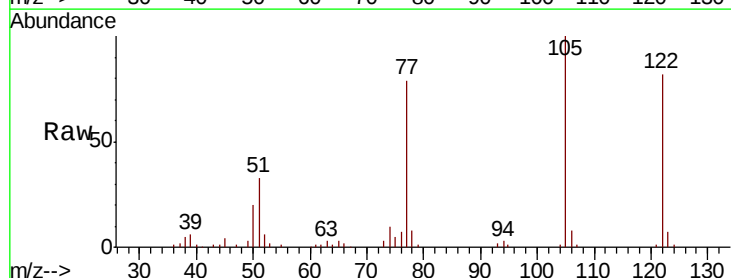
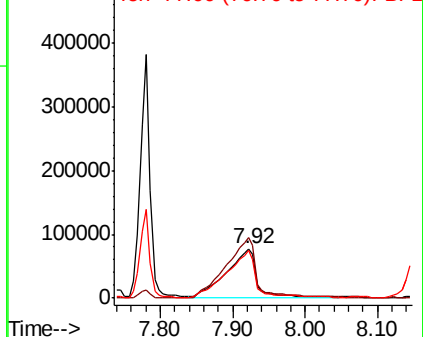
Tgt Ion	Ratio	Lower	Upper
122	100		
105	122.2	103.1	143.1
77	96.4	76.8	116.8

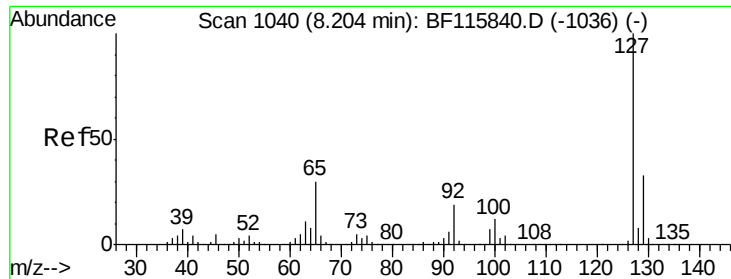
Abundance

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





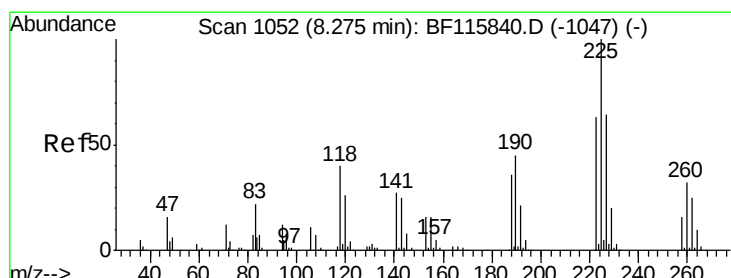
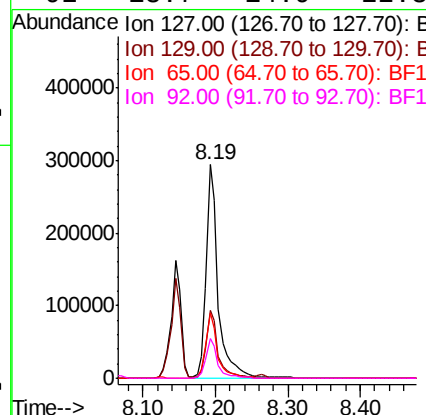
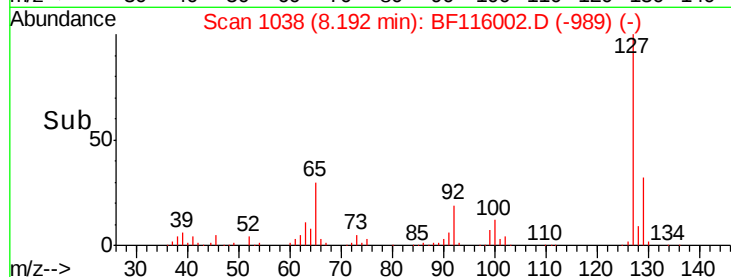
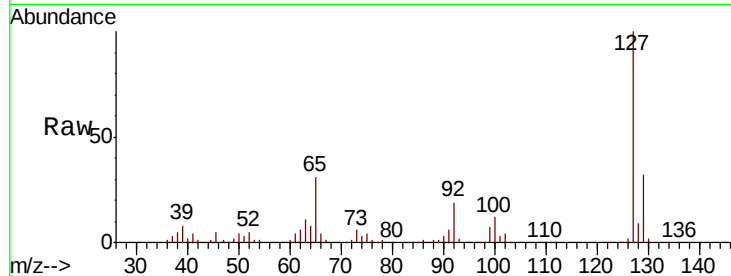
#33
4-Chloroaniline
Concen: 26.146 ng
RT: 8.19 min Scan# 1038
Delta R.T. -0.01 min
Lab File: BF116002.D
Acq: 6 Aug 2019 10:16

Instrument :
BNA_F
ClientSampleId :
PB121973BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	31.7	26.0	39.0		
65	30.5	23.9	35.9		
92	18.7	14.9	22.3		

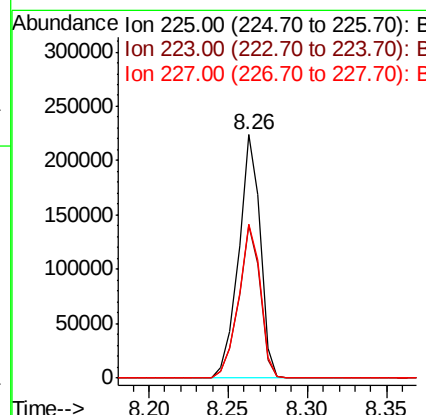
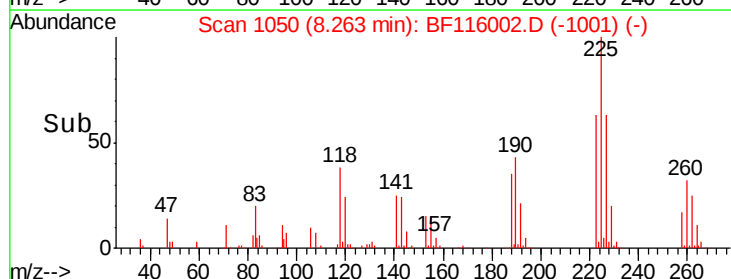
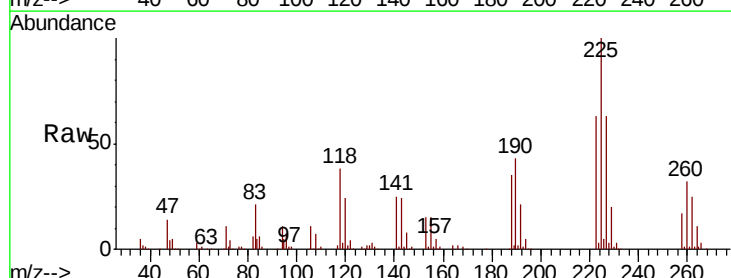
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#34
Hexachlorobutadiene
Concen: 37.095 ng
RT: 8.26 min Scan# 1050
Delta R.T. -0.01 min
Lab File: BF116002.D
Acq: 6 Aug 2019 10:16

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	62.7	50.4	75.6		
227	63.2	51.6	77.4		





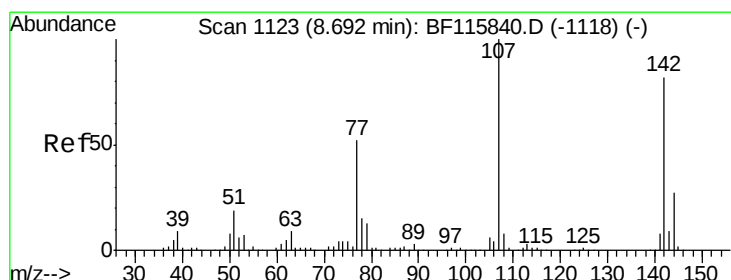
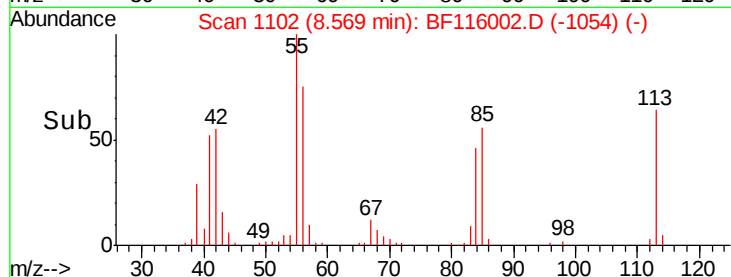
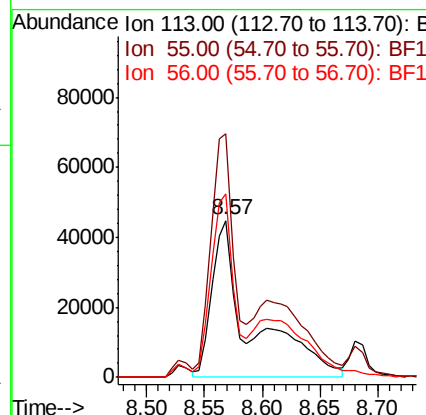
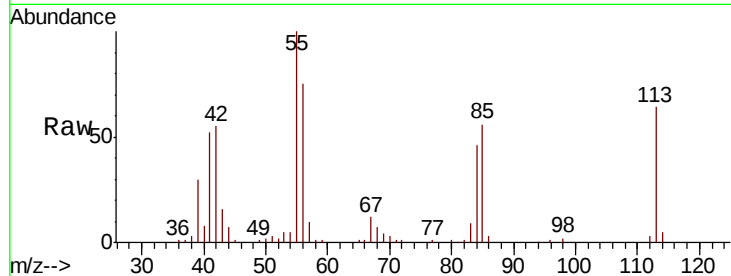
#35
 Caprolactam
 Concen: 37.284 ng/ml
 RT: 8.57 min Scan# 1102
 Delta R.T. -0.02 min
 Lab File: BF116002.D
 Acq: 6 Aug 2019 10:16

Instrument :
 BNA_F
 ClientSampleId :
 PB121973BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
113	100				
55	155.2	138.1	178.1		
56	117.2	100.6	140.6		

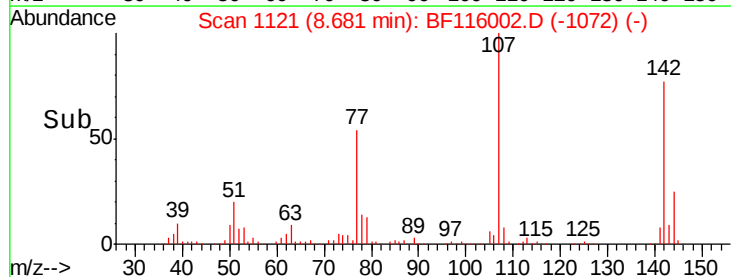
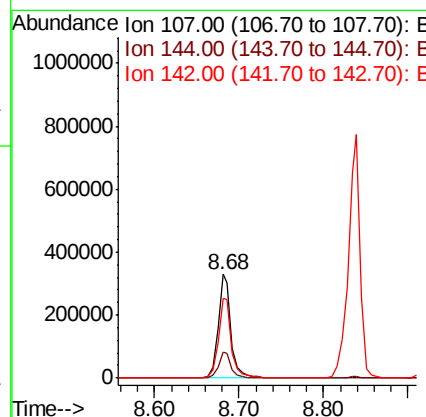
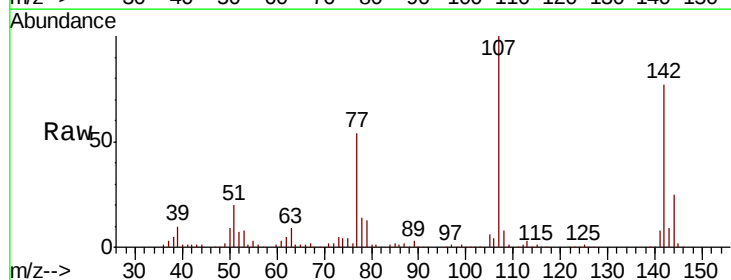
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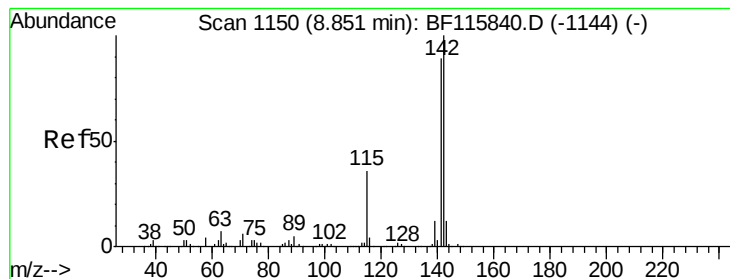
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#36
 4-Chloro-3-methylphenol
 Concen: 39.606 ng/ml
 RT: 8.68 min Scan# 1121
 Delta R.T. -0.01 min
 Lab File: BF116002.D
 Acq: 6 Aug 2019 10:16

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
144	25.1	21.4	32.0		
142	77.3	65.5	98.3		





#37

2-Methylnaphthalene

Concen: 40.243 ng

RT: 8.84 min Scan# 1148

Delta R.T. -0.01 min

Lab File: BF116002.D

Acq: 6 Aug 2019 10:16

Instrument :

BNA_F

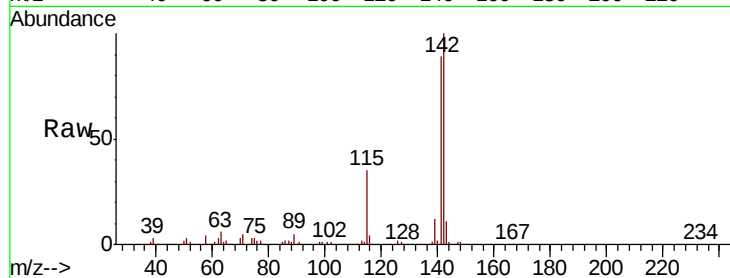
ClientSampleId :

PB121973BS

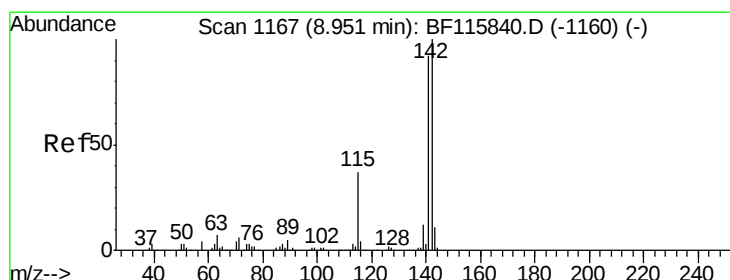
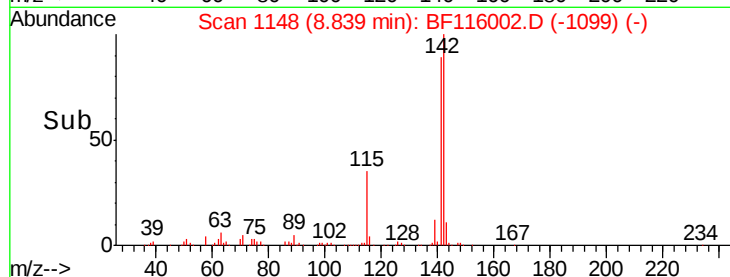
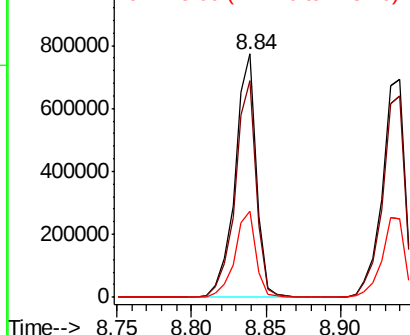
Tot Ion:	142	Resp:	773207
Ion Ratio	Lower	Upper	
142	100		
141	89.3	71.4	107.2
115	35.3	28.9	43.3

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Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 39.601 ng

RT: 8.94 min Scan# 1165

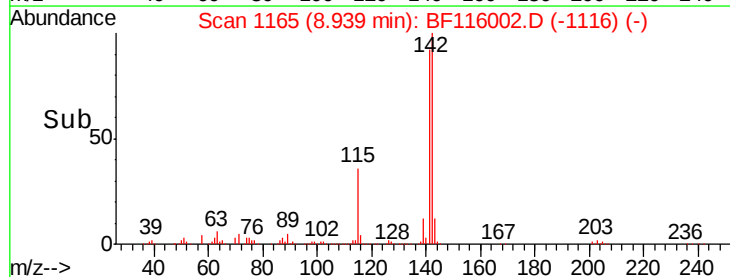
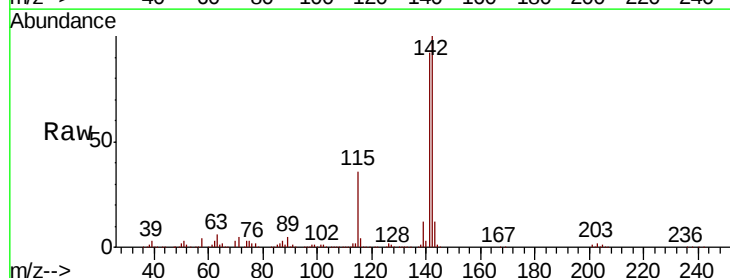
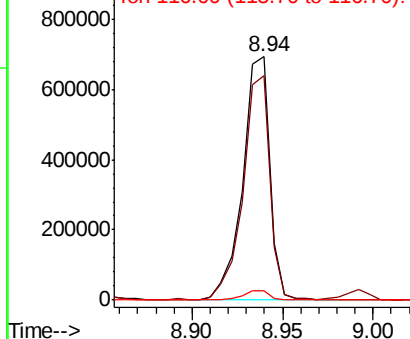
Delta R.T. -0.01 min

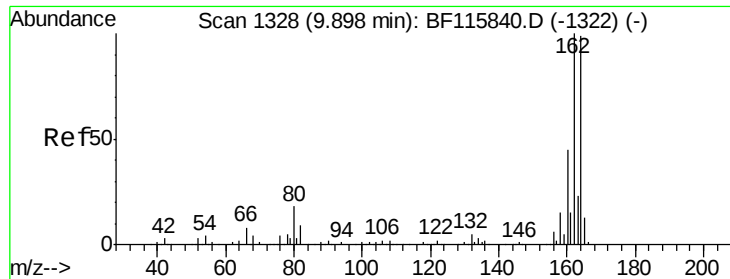
Lab File: BF116002.D

Acq: 6 Aug 2019 10:16

Tgt Ion:	142	Resp:	719799
Ion Ratio	Lower	Upper	
142	100		
141	92.2	73.8	110.6
116	3.7	3.1	4.7

Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E





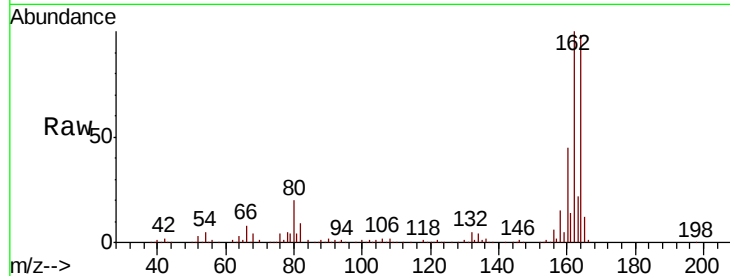
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.88 min Scan# 1325
Delta R.T. -0.02 min
Lab File: BF116002.D
Acq: 6 Aug 2019 10:16

Instrument :
BNA_F
ClientSampleID :
PB121973BS

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	101.6	80.8	121.2	
160	46.0	36.2	54.4	

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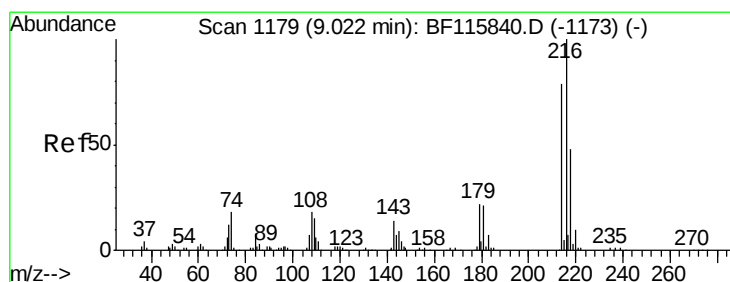
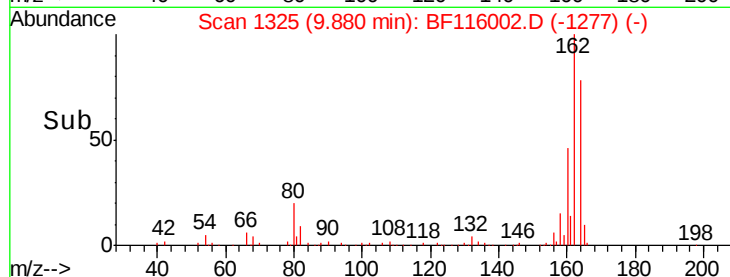
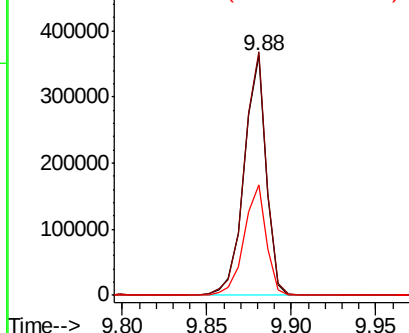


Abundance

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: 39.736 ng
RT: 9.01 min Scan# 1177
Delta R.T. -0.01 min
Lab File: BF116002.D
Acq: 6 Aug 2019 10:16

Tgt Ion	Ratio	Resp	Lower	Upper
216	100			
214	79.4	62.8	94.2	
179	22.3	17.6	26.4	
108	21.1	16.1	24.1	

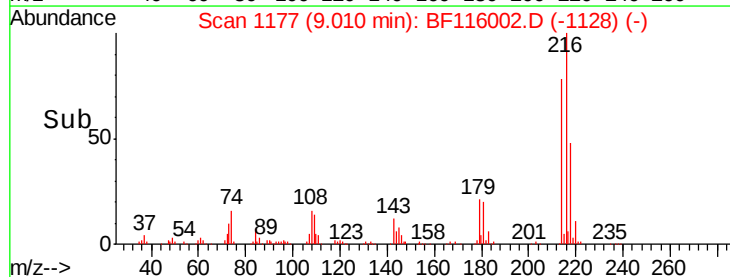
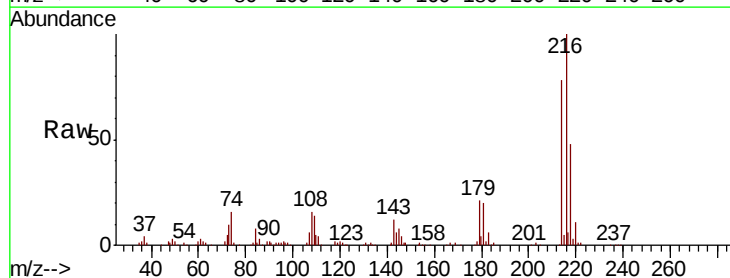
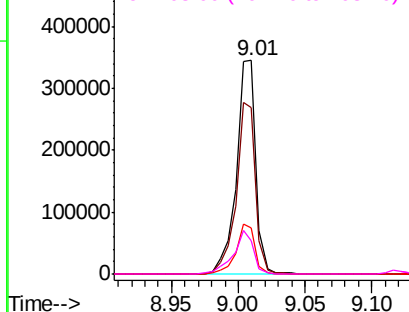
Abundance

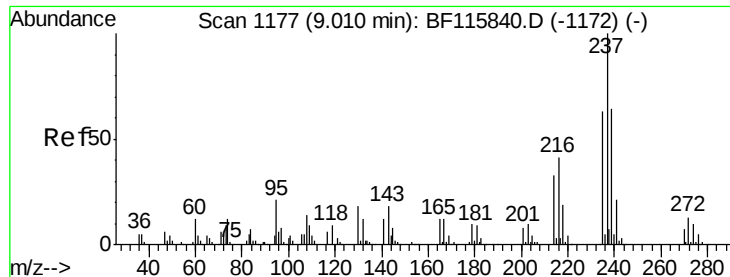
Ion 216.00 (215.70 to 216.70): E

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: 53.903 ng

RT: 8.99 min Scan# 1174

Delta R.T. -0.02 min

Lab File: BF116002.D

Acq: 6 Aug 2019 10:16

Instrument :

BNA_F

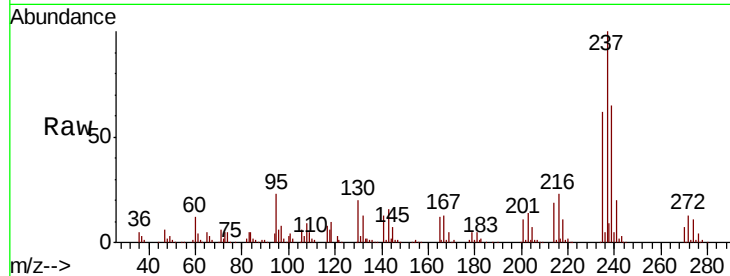
ClientSampleId :

PB121973BS

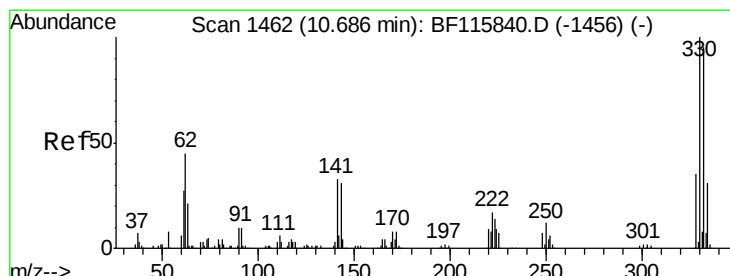
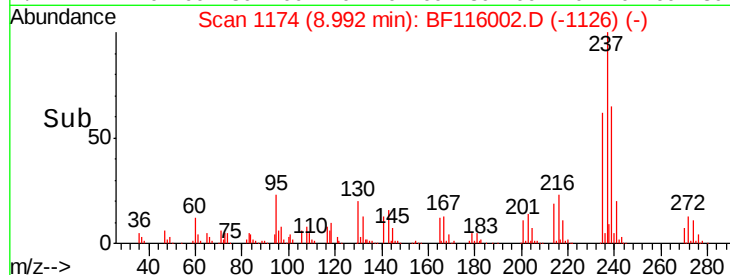
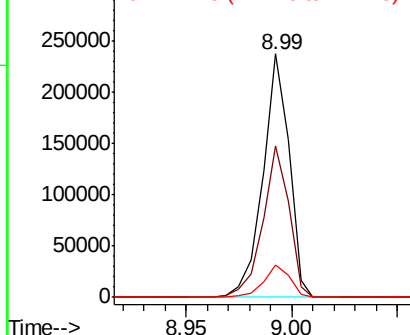
Tot Ion:	237	Resp:	205468
Ion Ratio	Lower	Upper	
237	100		
235	62.3	42.5	82.5
272	13.4	0.0	33.3

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



#42

2,4,6-Tribromophenol

Concen: 106.003 ng

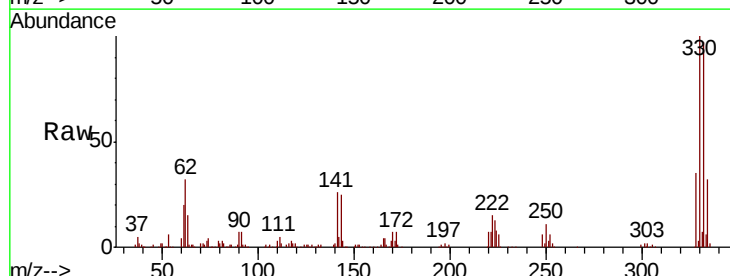
RT: 10.67 min Scan# 1460

Delta R.T. -0.01 min

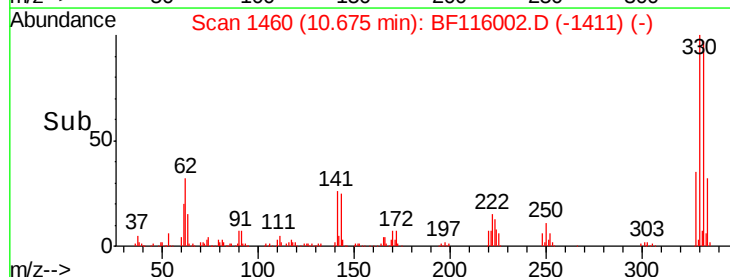
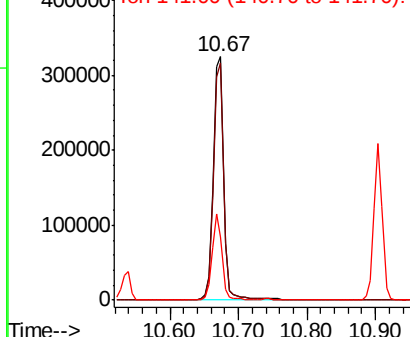
Lab File: BF116002.D

Acq: 6 Aug 2019 10:16

Tgt Ion:	330	Resp:	339555
Ion Ratio	Lower	Upper	
330	100		
332	96.7	77.7	116.5
141	33.5	28.1	42.1



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





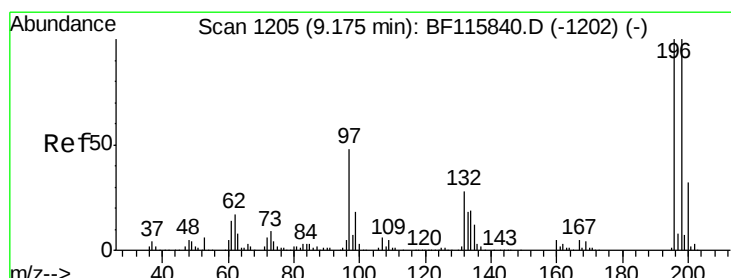
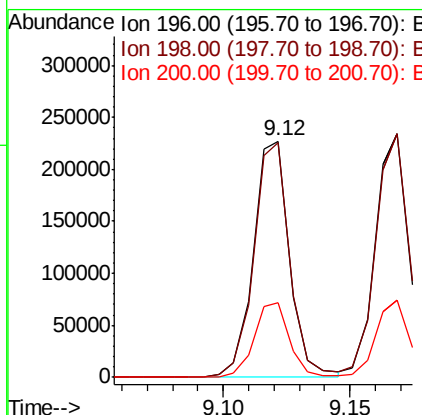
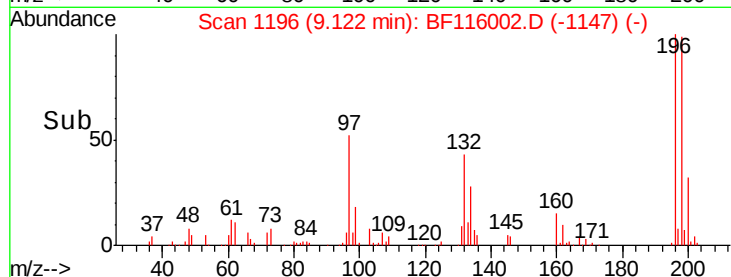
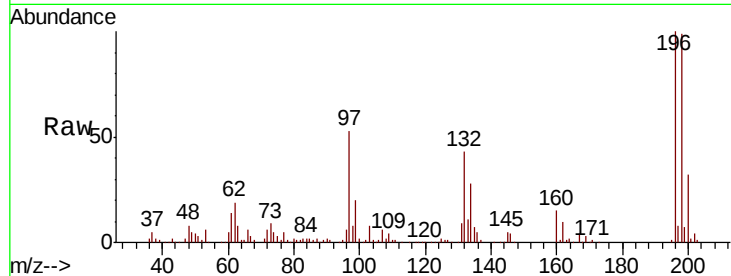
#43
 2,4,6-Trichlorophenol
 Concen: 37.322 ng
 RT: 9.12 min Scan# 1196
 Delta R.T. -0.01 min
 Lab File: BF116002.D
 Acq: 6 Aug 2019 10:16

Instrument :
 BNA_F
 ClientSampleId :
 PB121973BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	226906		
198	99.4	79.1	118.7	
200	31.9	26.0	39.0	

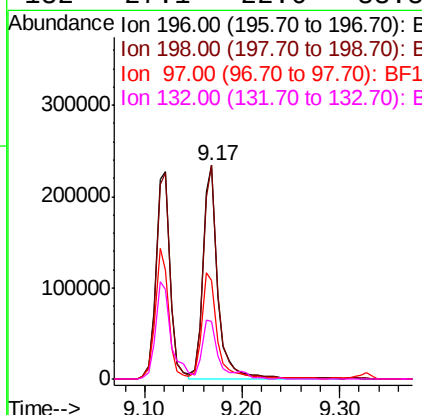
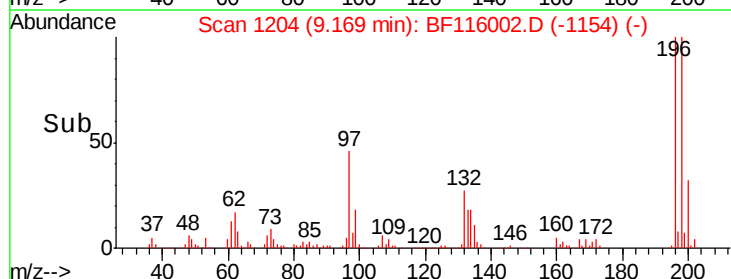
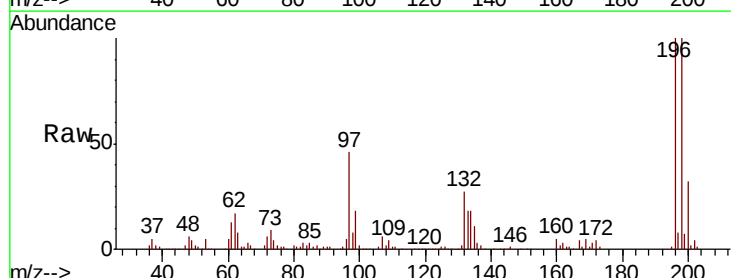
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#44
 2,4,5-Trichlorophenol
 Concen: 38.746 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. -0.01 min
 Lab File: BF116002.D
 Acq: 6 Aug 2019 10:16

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	243503		
198	100.1	80.1	120.1	
97	46.1	38.9	58.3	
132	27.1	22.6	33.8	





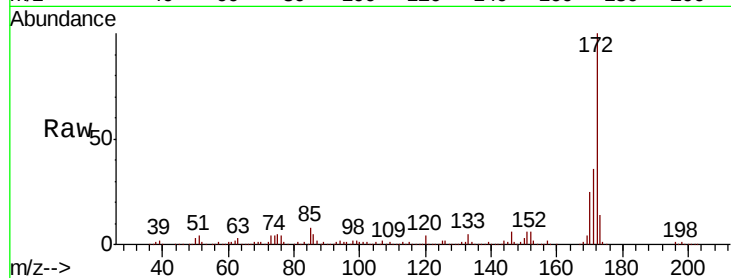
#45
2-Fluorobiphenyl
Concen: 79.112 ng
RT: 9.20 min Scan# 1209
Delta R.T. -0.02 min
Lab File: BF116002.D
Acq: 6 Aug 2019 10:16

Instrument :
BNA_F
ClientSampleId :
PB121973BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.1	43.7
170	25.2	20.1	30.1

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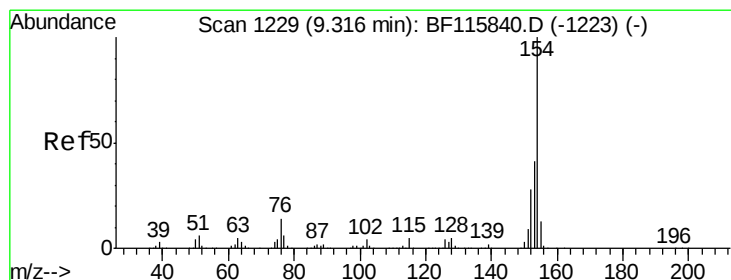
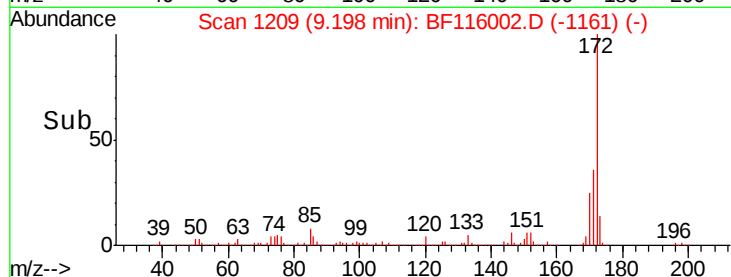
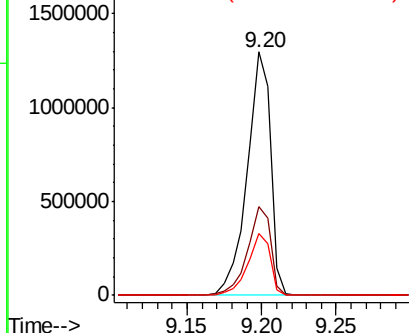


Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46
1,1'-Biphenyl
Concen: 40.086 ng
RT: 9.30 min Scan# 1226
Delta R.T. -0.02 min
Lab File: BF116002.D
Acq: 6 Aug 2019 10:16

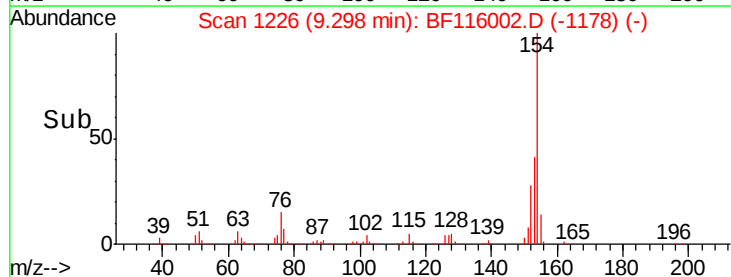
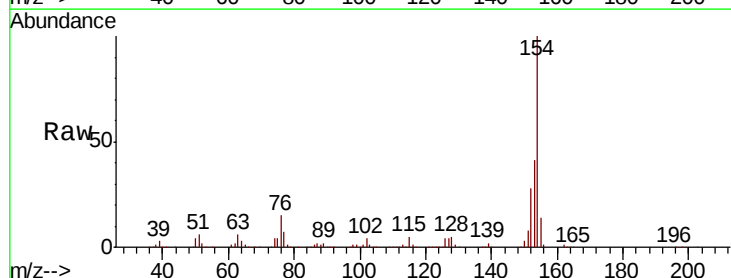
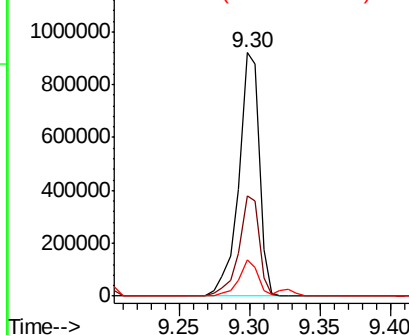
Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.1	20.9	60.9
76	14.7	0.0	34.3

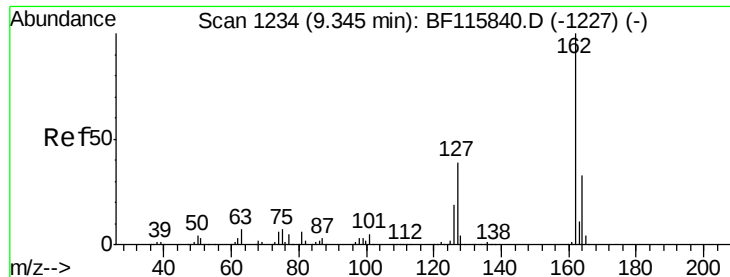
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1





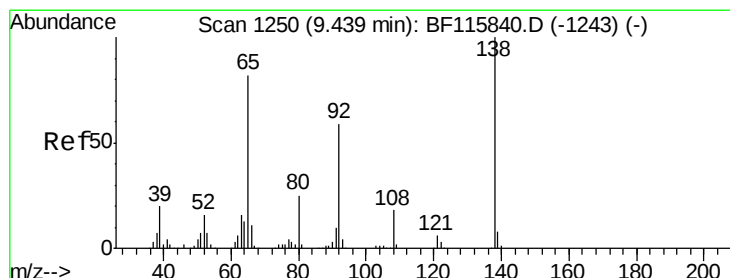
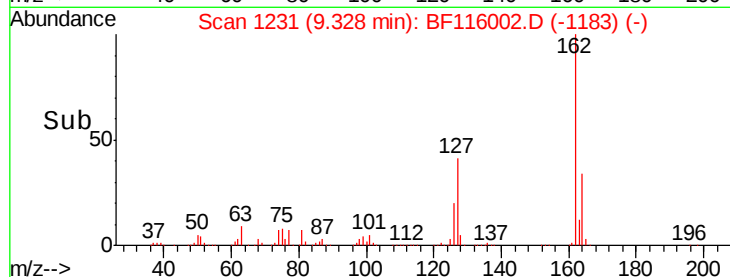
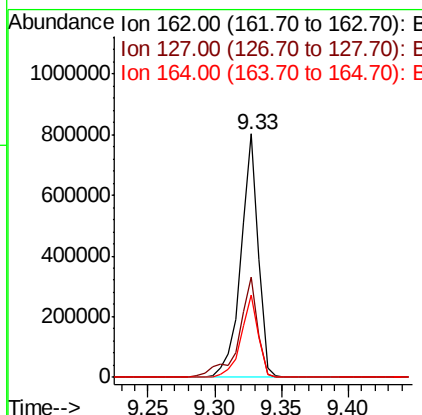
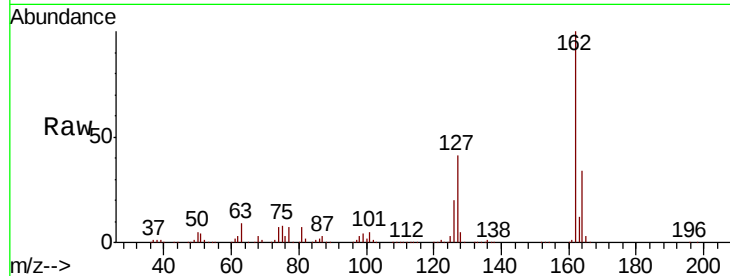
#47
 2-Chloronaphthalene
 Concen: 37.322 ng
 RT: 9.33 min Scan# 1231
 Delta R.T. -0.02 min
 Lab File: BF116002.D
 Acq: 6 Aug 2019 10:16

Instrument :
 BNA_F
 ClientSampleId :
 PB121973BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
162	100				
127	41.1	31.3	46.9		
164	33.9	26.6	40.0		

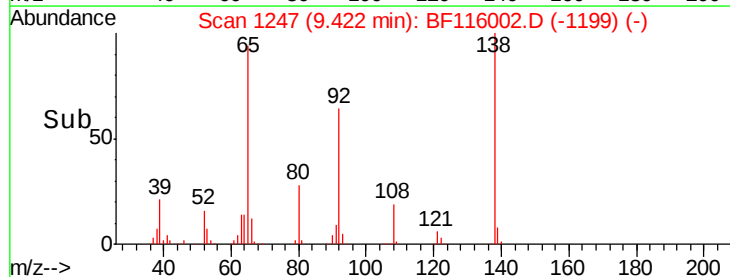
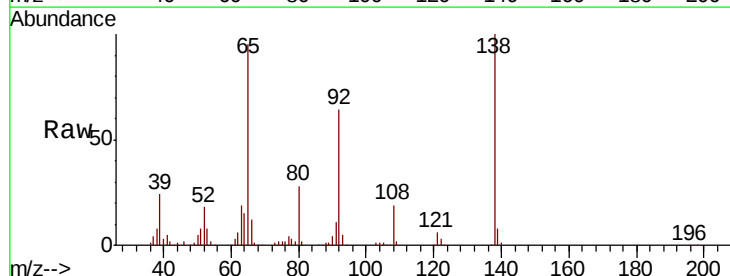
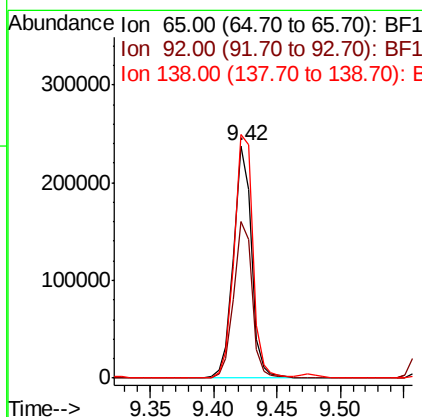
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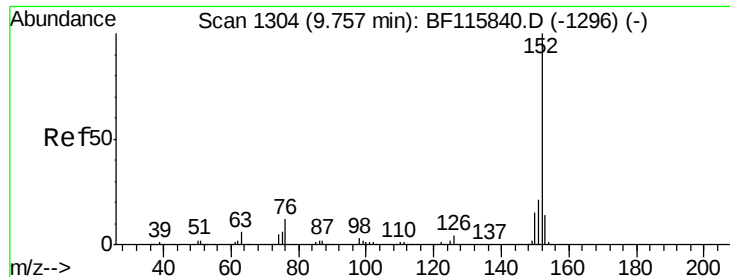
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#48
 2-Nitroaniline
 Concen: 36.178 ng
 RT: 9.42 min Scan# 1247
 Delta R.T. -0.02 min
 Lab File: BF116002.D
 Acq: 6 Aug 2019 10:16

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
65	100				
92	67.4	57.1	85.7		
138	104.8	97.1	145.7		





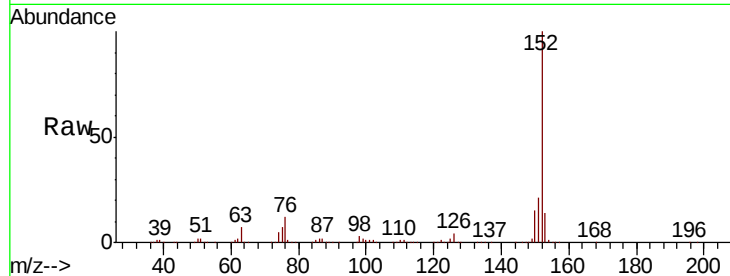
#49
Acenaphthylene
Concen: 39.182 ng
RT: 9.74 min Scan# 1301
Delta R.T. -0.02 min
Lab File: BF116002.D
Acq: 6 Aug 2019 10:16

Instrument :
BNA_F
ClientSampleId :
PB121973BS

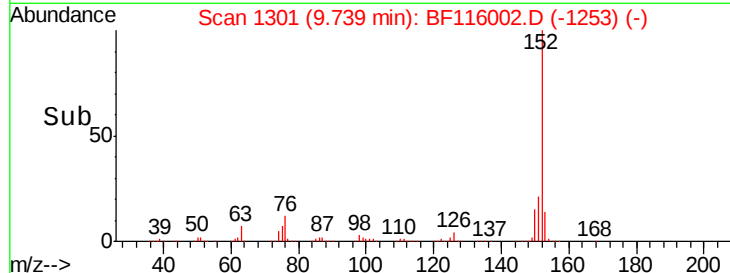
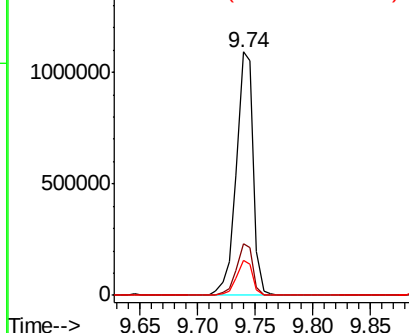
Tot Ion	Ratio	Lower	Upper
152	100		
151	21.0	16.8	25.2
153	14.4	11.6	17.4

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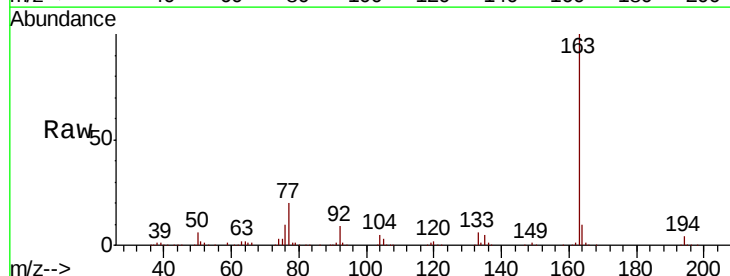
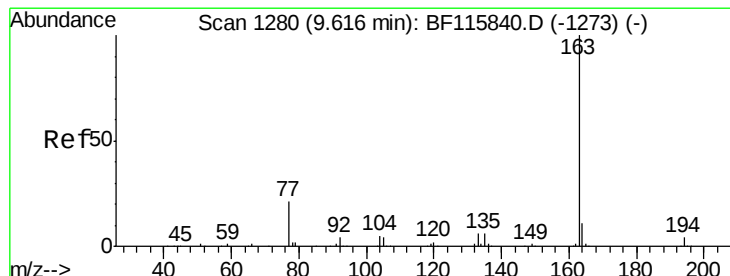
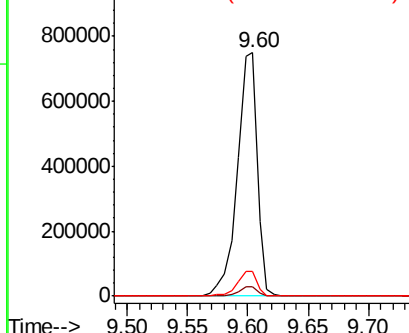
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E

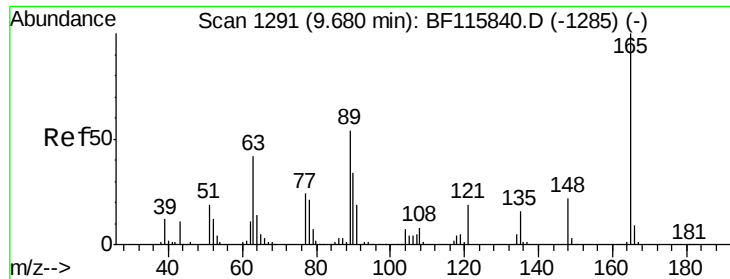


#50
Dimethylphthalate
Concen: 38.589 ng
RT: 9.60 min Scan# 1278
Delta R.T. -0.01 min
Lab File: BF116002.D
Acq: 6 Aug 2019 10:16

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.8	3.0	4.6
164	10.1	8.4	12.6

Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





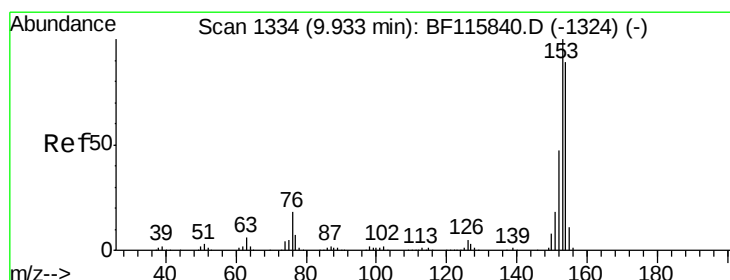
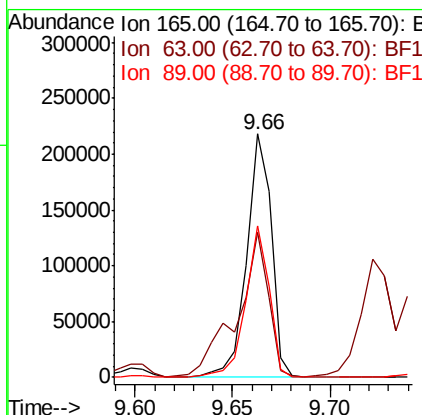
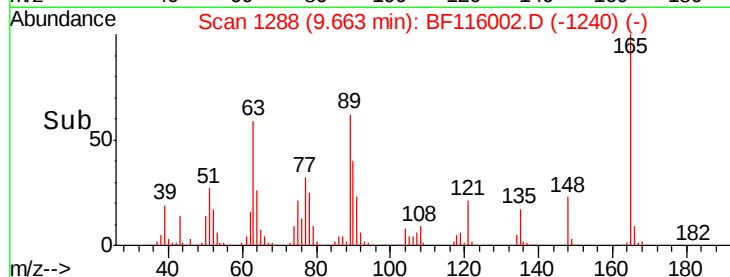
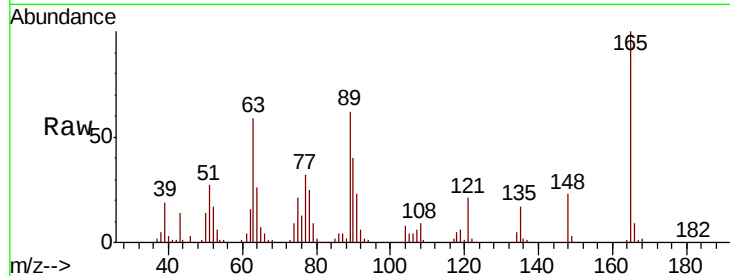
#51
2,6-Dinitrotoluene
Concen: 39.287 ng
RT: 9.66 min Scan# 1288
Delta R.T. -0.02 min
Lab File: BF116002.D
Acq: 6 Aug 2019 10:16

Instrument :
BNA_F
ClientSampled :
PB121973BS

Tot Ion	Ratio	Resp Lower	Upper
165	100		
63	59.3	39.4	59.2#
89	62.4	43.0	64.6

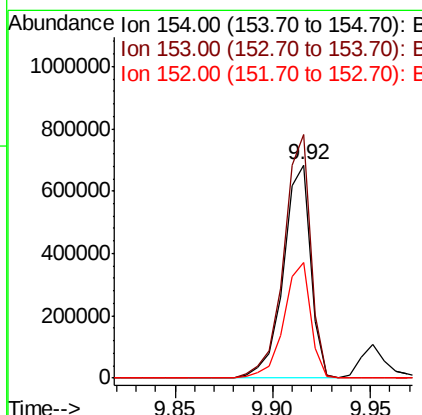
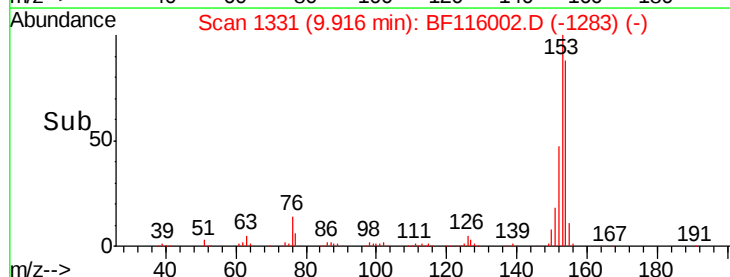
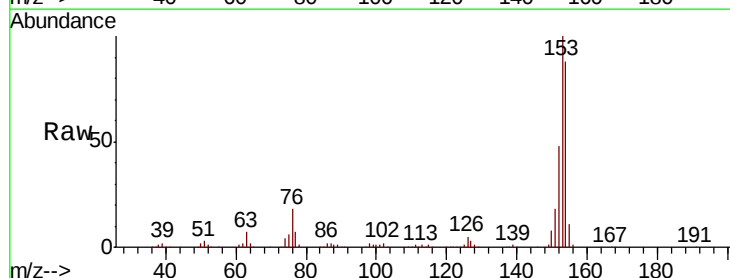
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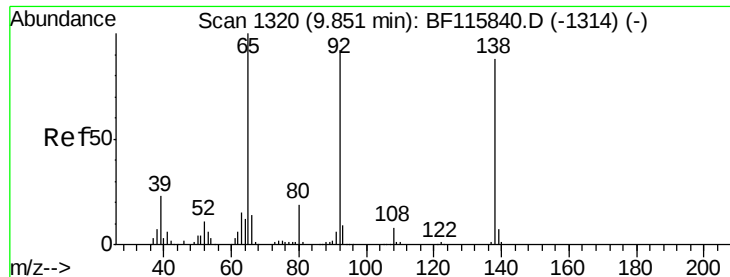
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#52
Acenaphthene
Concen: 38.187 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.02 min
Lab File: BF116002.D
Acq: 6 Aug 2019 10:16

Tgt Ion	Ratio	Resp Lower	Upper
154	100		
153	114.1	90.1	135.1
152	54.3	42.6	63.8





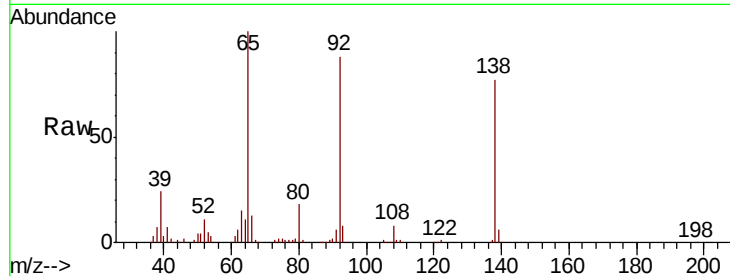
#53
3-Nitroaniline
Concen: 25.820 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.02 min
Lab File: BF116002.D
Acq: 6 Aug 2019 10:16

Instrument :
BNA_F
ClientSampleId :
PB121973BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.0	7.4	11.2
92	114.4	83.9	125.9

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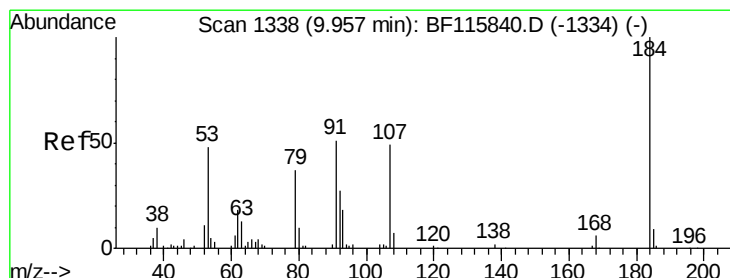
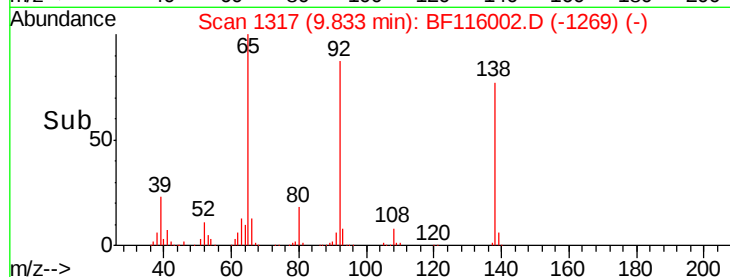
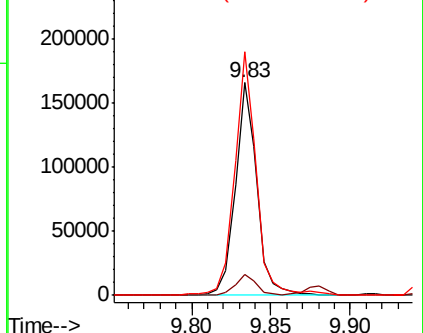


Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#54
2,4-Dinitrophenol
Concen: 67.656 ng
RT: 9.95 min Scan# 1337
Delta R.T. -0.00 min
Lab File: BF116002.D
Acq: 6 Aug 2019 10:16

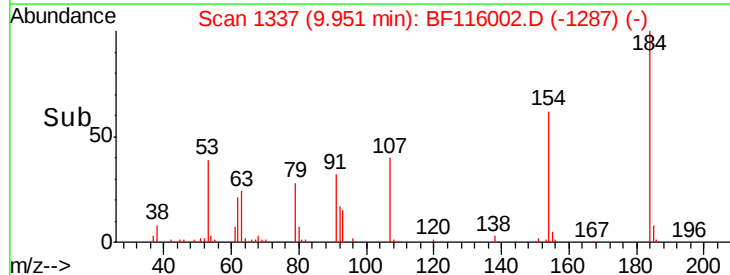
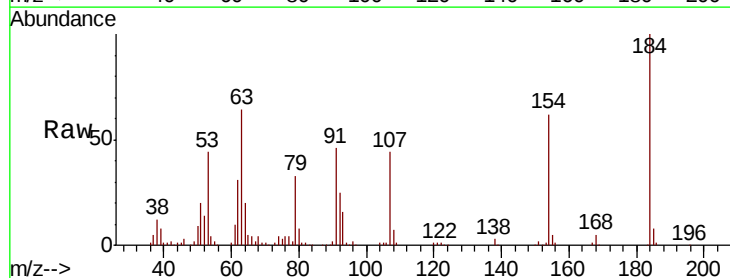
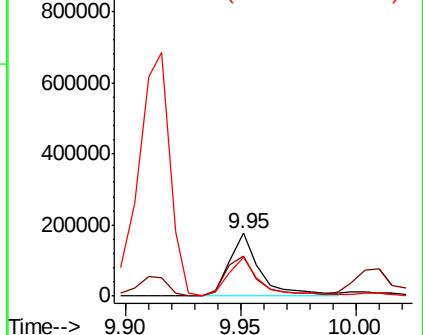
Tgt Ion	Ratio	Lower	Upper
184	100		
63	63.9	56.7	85.1
154	62.0	51.9	77.9

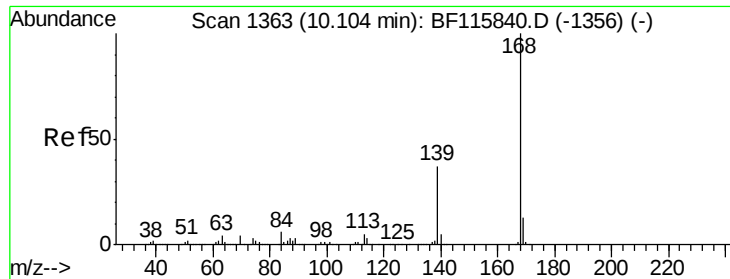
Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E





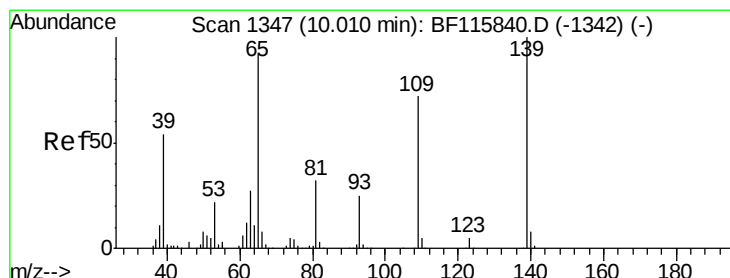
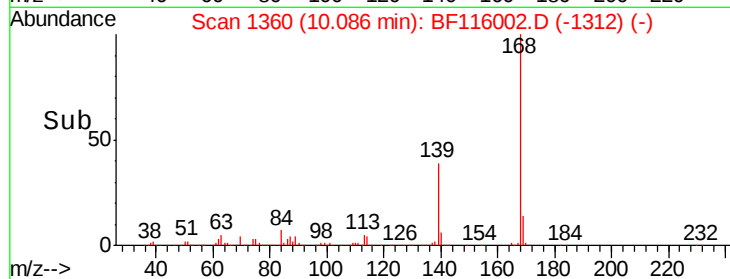
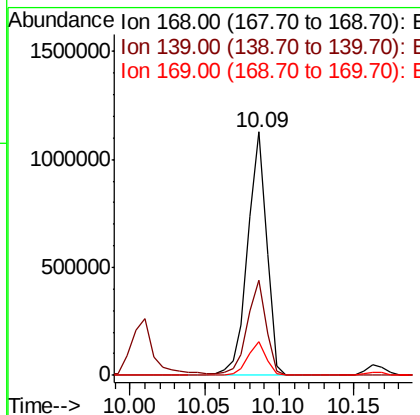
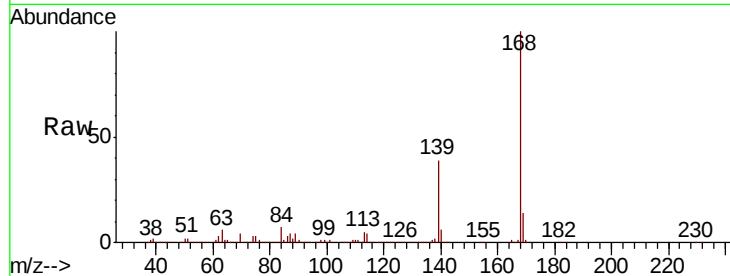
#55
Dibenzofuran
Concen: 39.269 ng
RT: 10.09 min Scan# 1360
Delta R.T. -0.02 min
Lab File: BF116002.D
Acq: 6 Aug 2019 10:16

Instrument :
BNA_F
ClientSampleId :
PB121973BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	39.0	30.2	45.2
169	13.7	10.8	16.2

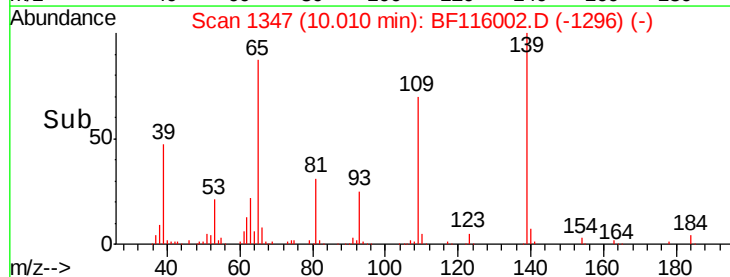
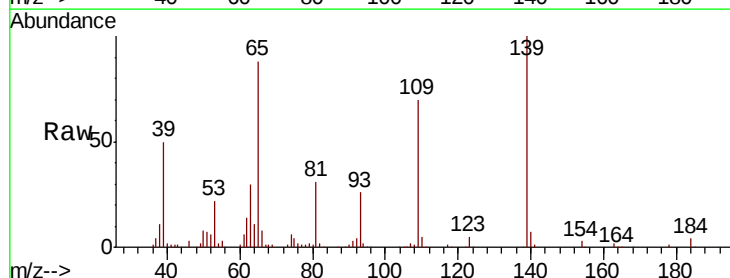
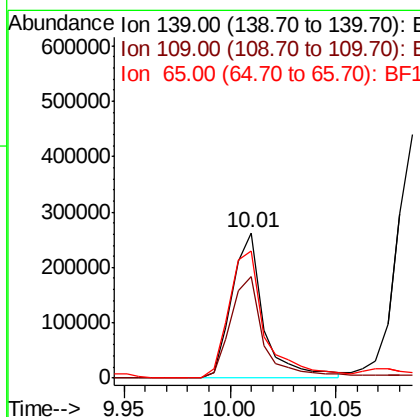
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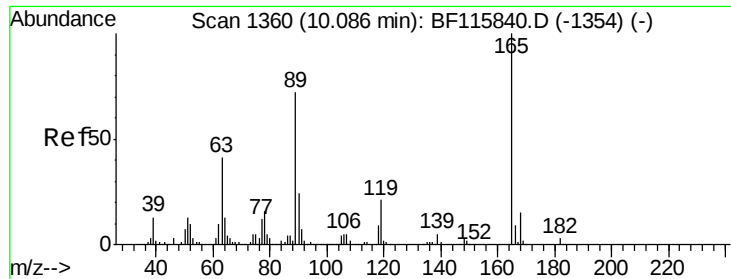
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#56
4-Nitrophenol
Concen: 71.006 ng
RT: 10.01 min Scan# 1347
Delta R.T. 0.00 min
Lab File: BF116002.D
Acq: 6 Aug 2019 10:16

Tgt Ion	Ratio	Lower	Upper
139	100		
109	69.8	52.0	92.0
65	87.6	72.6	112.6





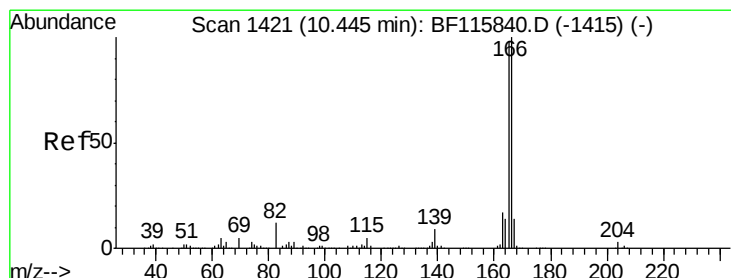
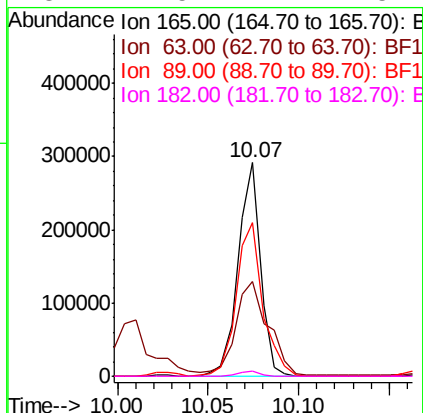
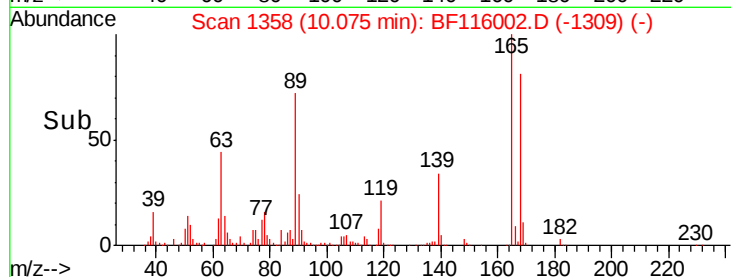
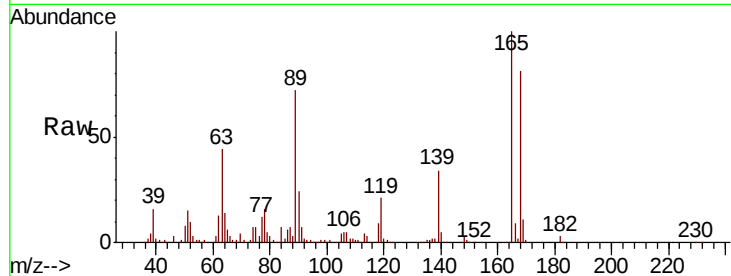
#57
2,4-Dinitrotoluene
Concen: 38.517 ng
RT: 10.07 min Scan# 1358
Delta R.T. -0.01 min
Lab File: BF116002.D
Acq: 6 Aug 2019 10:16

Instrument :
BNA_F
ClientSampleId :
PB121973BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		250710		
63	44.3	33.2	49.8		
89	71.8	57.3	85.9		
182	2.5	2.1	3.1		

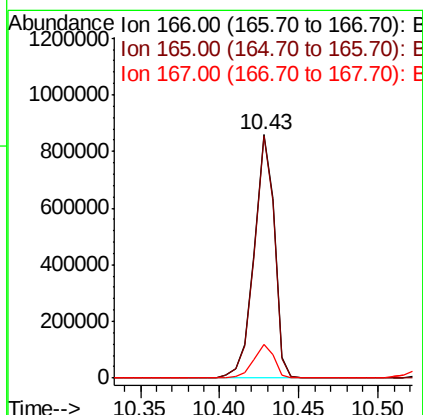
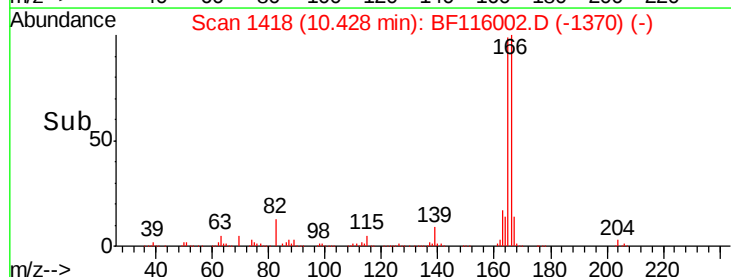
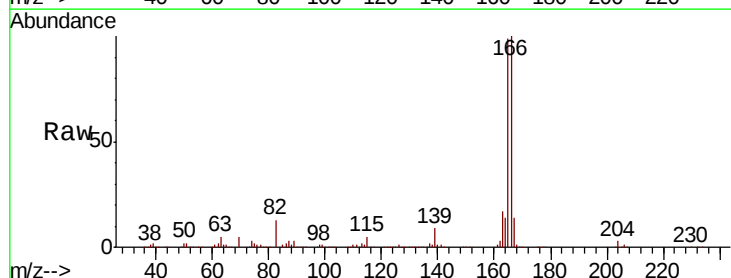
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#58
Fluorene
Concen: 39.387 ng
RT: 10.43 min Scan# 1418
Delta R.T. -0.02 min
Lab File: BF116002.D
Acq: 6 Aug 2019 10:16

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		765725		
165	99.4	78.6	118.0		
167	13.8	10.9	16.3		





#59

2,3,4,6-Tetrachlorophenol

Concen: 40.116 ng

RT: 10.21 min Scan# 1381

Delta R.T. -0.01 min

Lab File: BF116002.D

Acq: 6 Aug 2019 10:16

Instrument :

BNA_F

ClientSampleId :

PB121973BS

Tot Ion:232 Resp: 212106

Ion Ratio Lower Upper

232 100

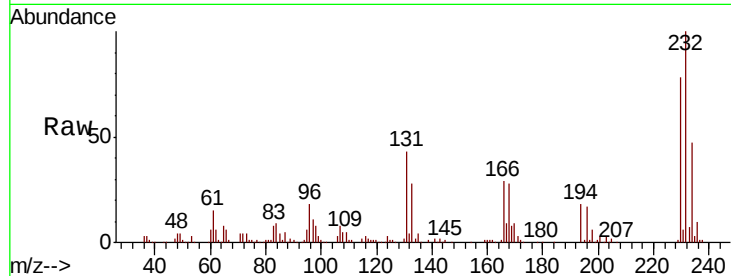
131 45.6 37.6 56.4

130 2.3 1.8 2.8

166 29.2 24.6 37.0

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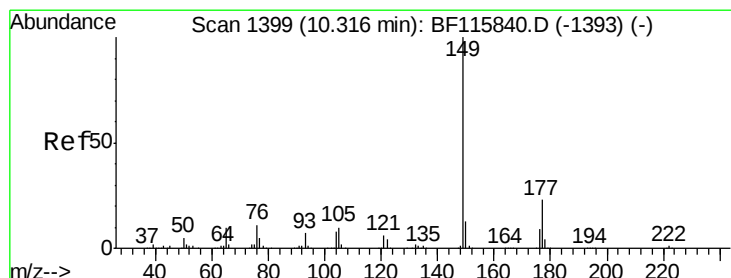
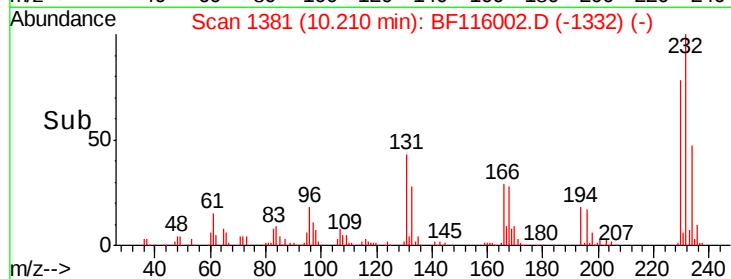
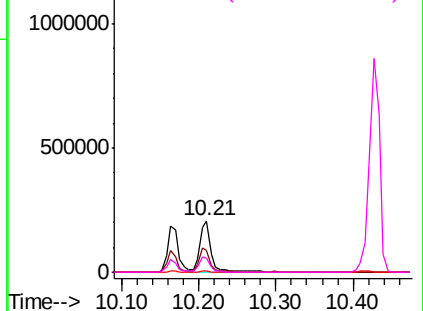


Abundance Ion 232.00 (231.70 to 232.70): E

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: 39.642 ng

RT: 10.30 min Scan# 1396

Delta R.T. -0.02 min

Lab File: BF116002.D

Acq: 6 Aug 2019 10:16

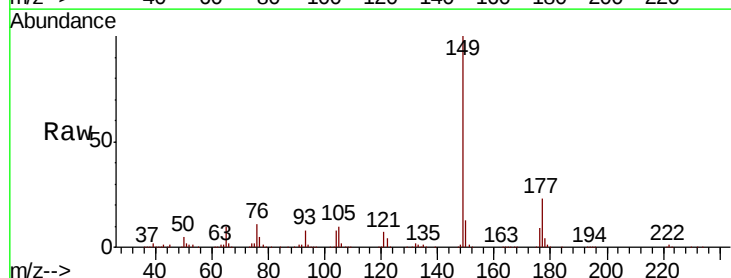
Tgt Ion:149 Resp: 832598

Ion Ratio Lower Upper

149 100

177 22.6 18.4 27.6

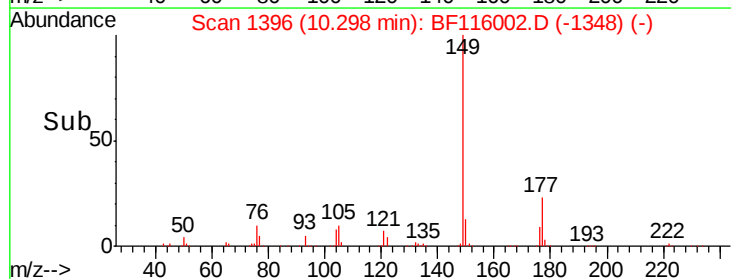
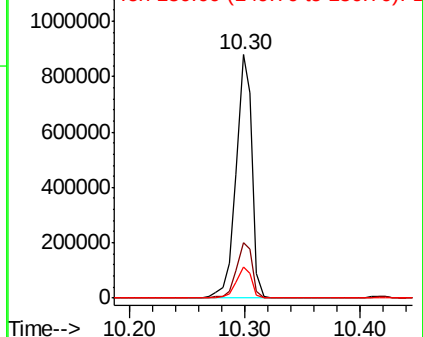
150 12.8 10.1 15.1



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





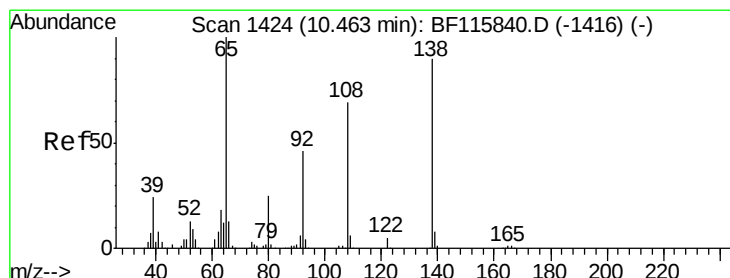
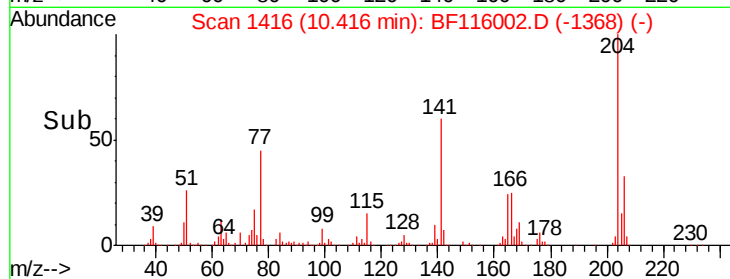
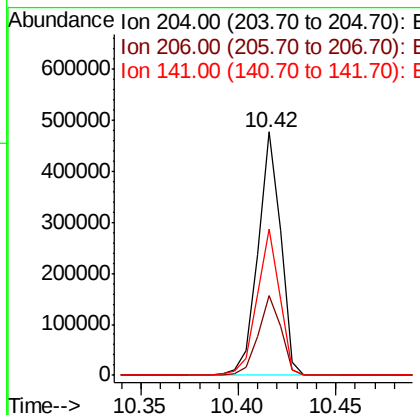
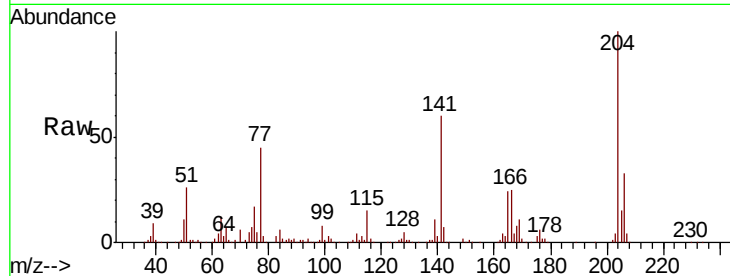
#61
4-Chlorophenyl-phenylether
Concen: 39.191 ng
RT: 10.42 min Scan# 1416
Delta R.T. -0.02 min
Lab File: BF116002.D
Acq: 6 Aug 2019 10:16

Instrument :
BNA_F
ClientSampleId :
PB121973BS

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.0	26.4	39.6
141	60.1	47.0	70.4

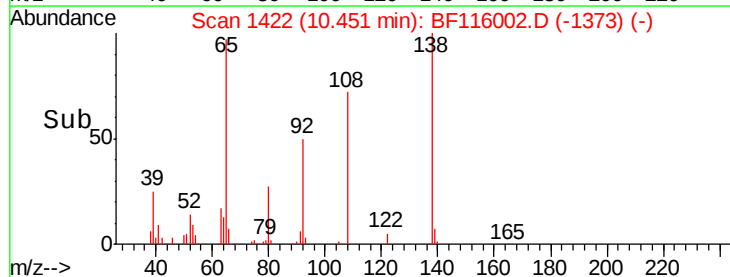
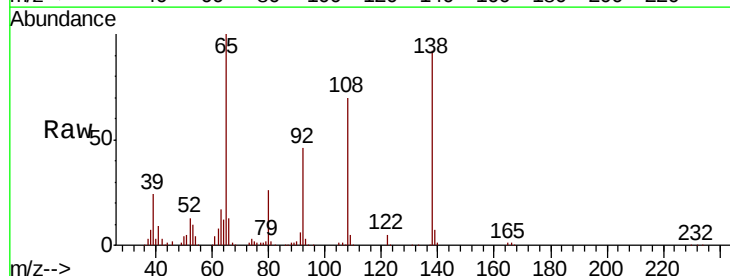
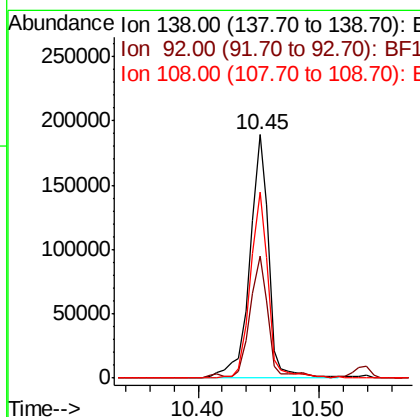
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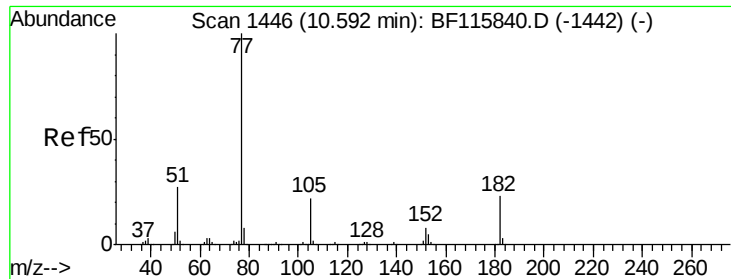
mohammad
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#62
4-Nitroaniline
Concen: 33.113 ng
RT: 10.45 min Scan# 1422
Delta R.T. -0.01 min
Lab File: BF116002.D
Acq: 6 Aug 2019 10:16

Tgt Ion	Ratio	Lower	Upper
138	100		
92	50.3	31.0	71.0
108	76.3	56.7	96.7





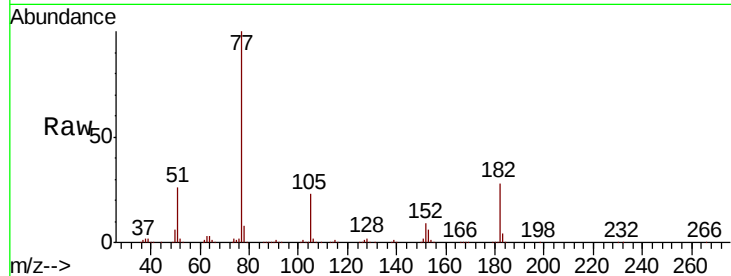
#63
Azobenzene
Concen: 39.496 ng
RT: 10.58 min Scan# 1444
Delta R.T. -0.01 min
Lab File: BF116002.D
Acq: 6 Aug 2019 10:16

Instrument :
BNA_F
ClientSampled :
PB121973BS

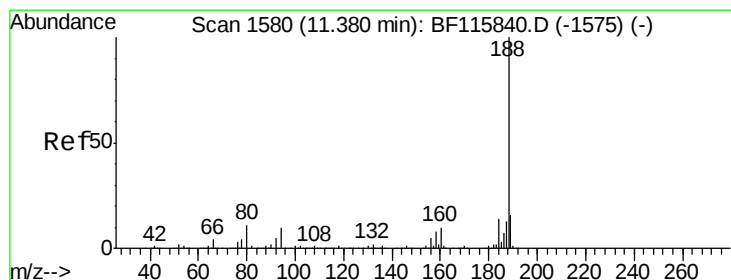
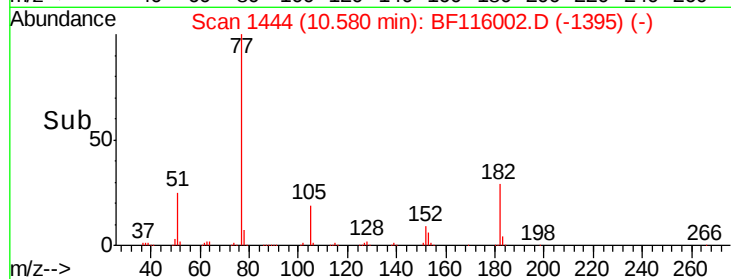
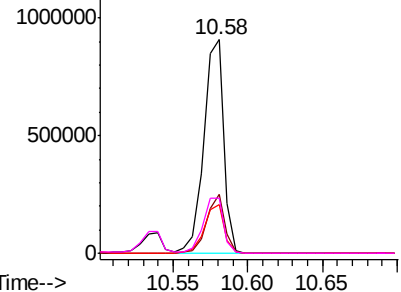
Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
182	27.9	2.6	42.6		
105	23.0	1.6	41.6		
51	26.0	7.4	47.4		

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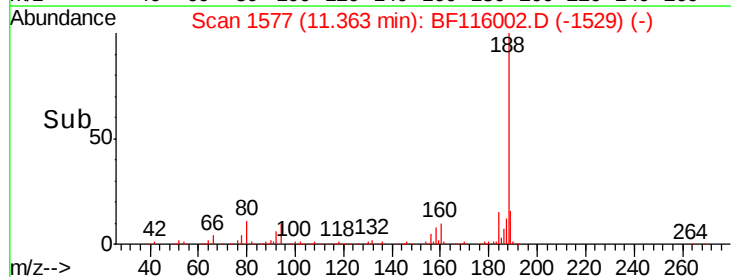
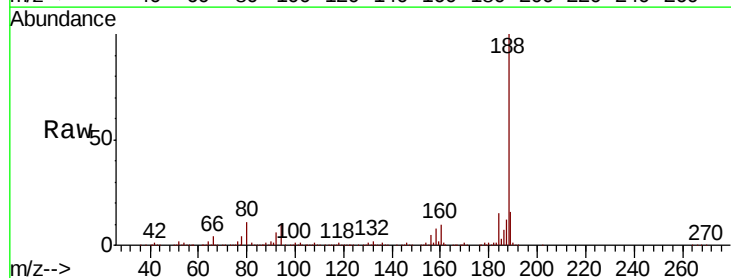
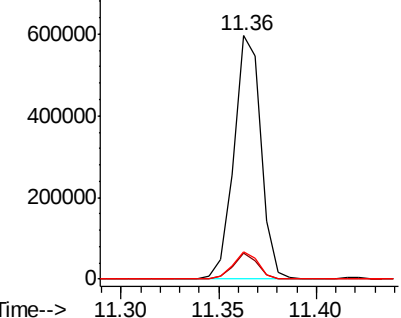
Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

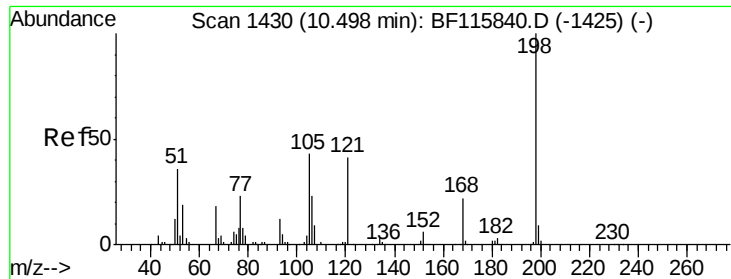


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1577
Delta R.T. -0.02 min
Lab File: BF116002.D
Acq: 6 Aug 2019 10:16

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100				
94	10.4	8.0	12.0		
80	11.5	8.6	12.8		

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: 39.917 ng

RT: 10.49 min Scan# 1428

Delta R.T. -0.01 min

Lab File: BF116002.D

Acq: 6 Aug 2019 10:16

Instrument :

BNA_F

ClientSampleId :

PB121973BS

Tot Ion:198 Resp: 120931

Ion Ratio Lower Upper

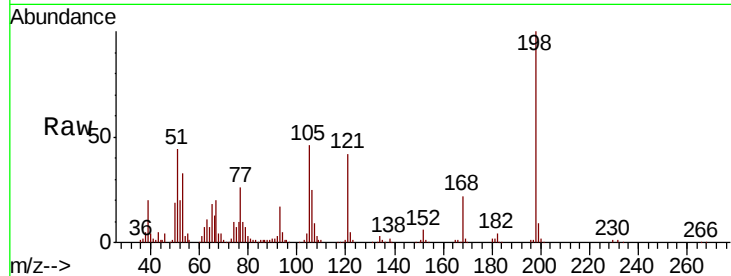
198 100

51 44.5 21.1 61.1

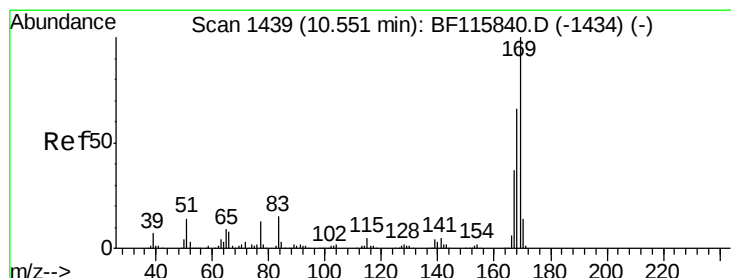
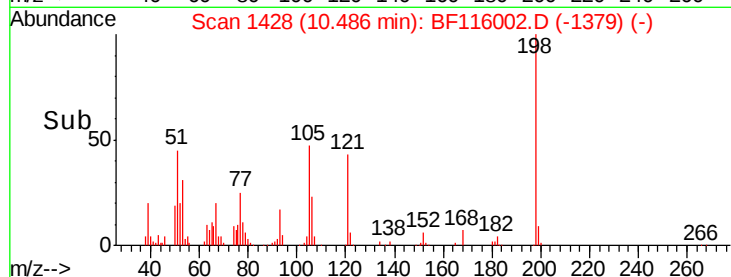
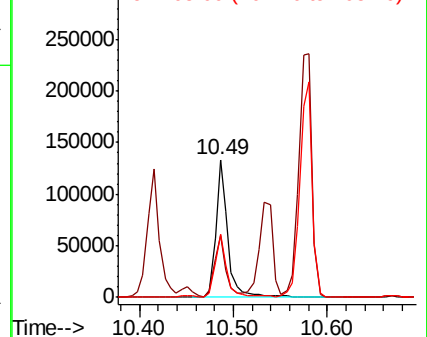
105 46.1 24.5 64.5

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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: 40.099 ng

RT: 10.54 min Scan# 1437

Delta R.T. -0.01 min

Lab File: BF116002.D

Acq: 6 Aug 2019 10:16

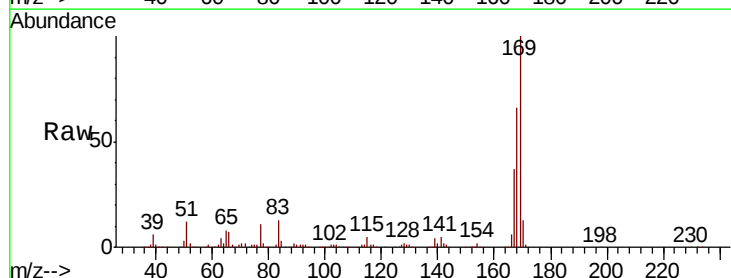
Tgt Ion:169 Resp: 689997

Ion Ratio Lower Upper

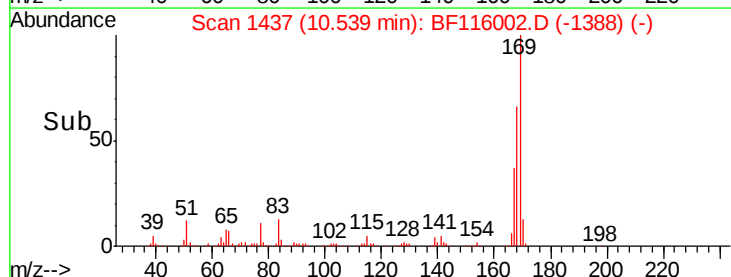
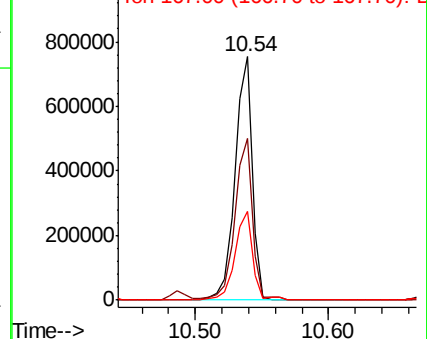
169 100

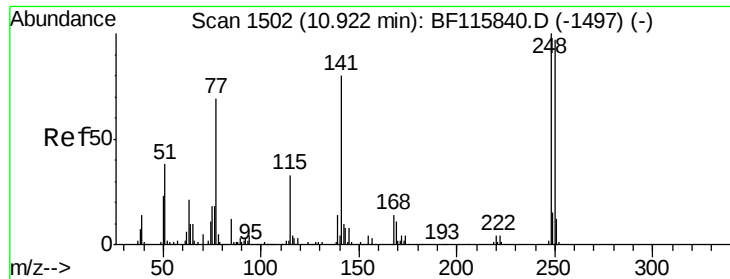
168 66.2 53.0 79.6

167 36.6 29.9 44.9



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





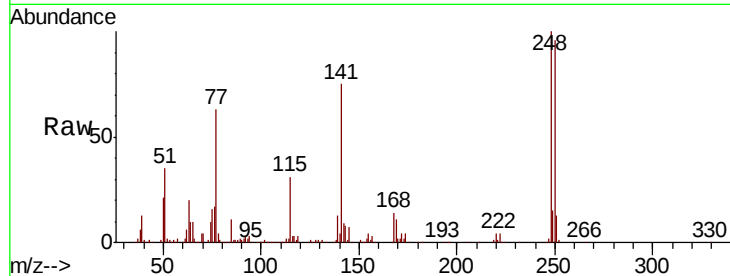
#67
4-Bromophenyl-phenylether
Concen: 39.353 ng
RT: 10.90 min Scan# 1499
Delta R.T. -0.02 min
Lab File: BF116002.D
Acq: 6 Aug 2019 10:16

Instrument :
BNA_F
ClientSampleId :
PB121973BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.1	77.8	116.6
141	75.5	64.3	96.5

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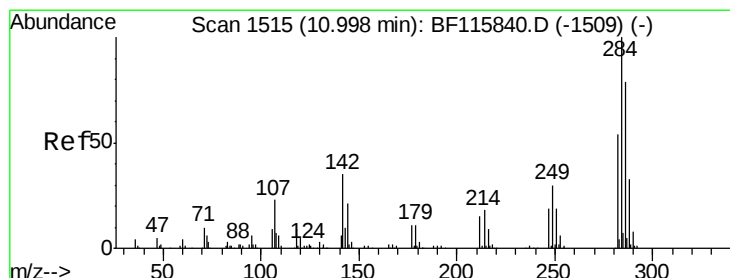
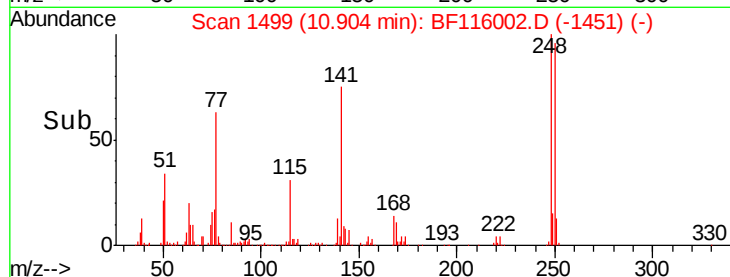
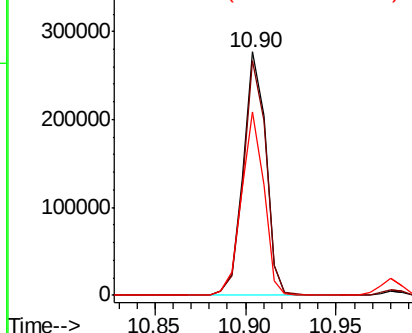


Abundance

Ion 248.00 (247.70 to 248.70): E

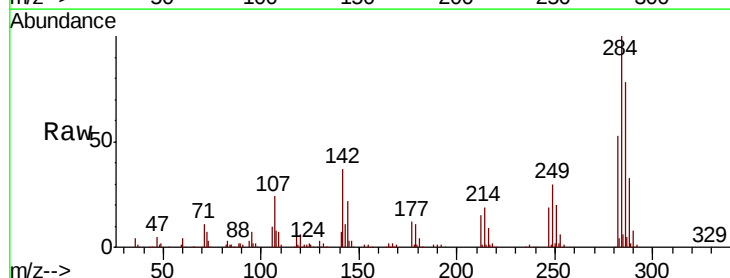
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 37.609 ng
RT: 10.98 min Scan# 1512
Delta R.T. -0.02 min
Lab File: BF116002.D
Acq: 6 Aug 2019 10:16

Tgt Ion	Ratio	Lower	Upper
284	100		
142	37.5	28.2	42.2
249	30.2	24.0	36.0

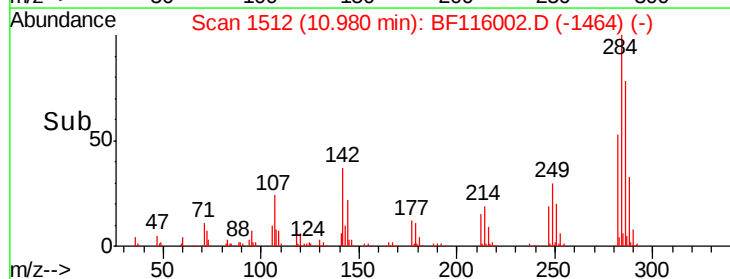
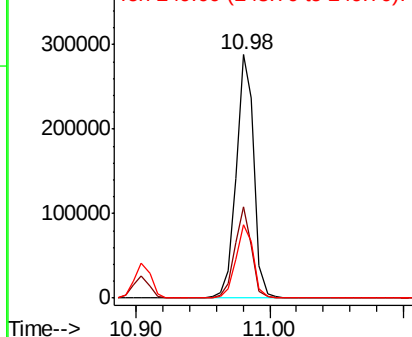


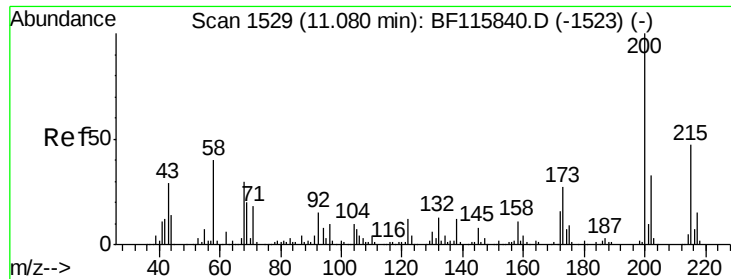
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





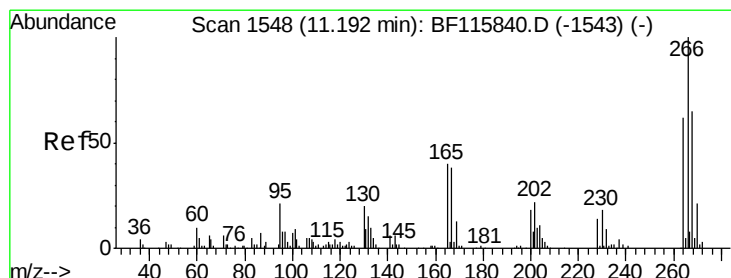
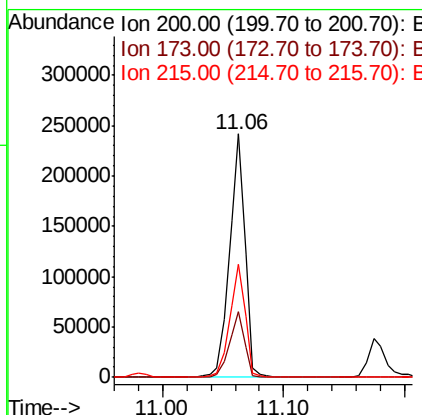
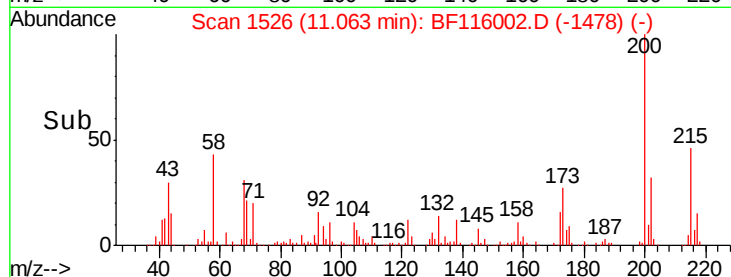
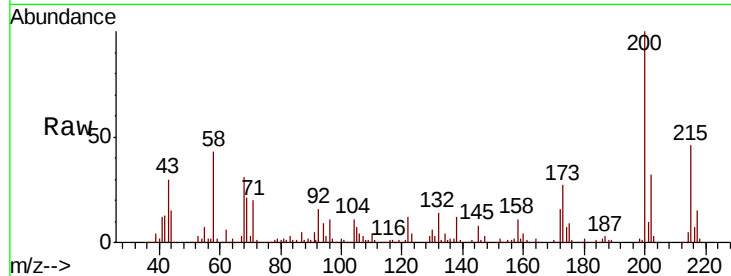
#69
Atrazine
Concen: 38.059 ng
RT: 11.06 min Scan# 1526
Delta R.T. -0.02 min
Lab File: BF116002.D
Acq: 6 Aug 2019 10:16

Instrument :
BNA_F
ClientSampleId :
PB121973BS

Tot Ion	Ratio	Resp	Lower	Upper
200	100	215443		
173	27.1	7.3	47.3	
215	46.4	26.9	66.9	

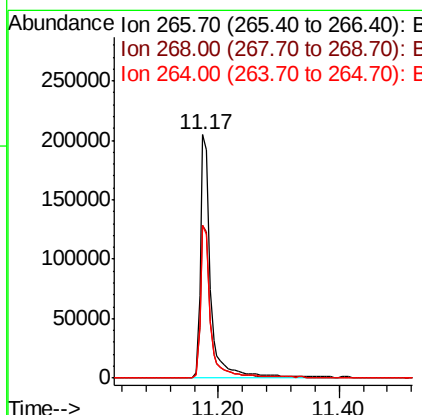
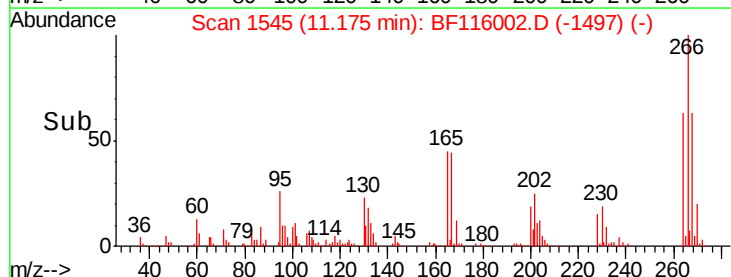
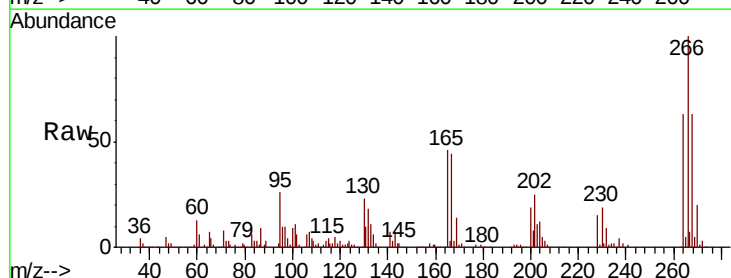
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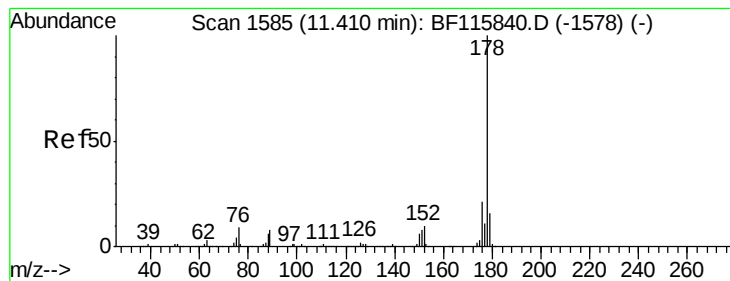
mohammad
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#70
Pentachlorophenol
Concen: 72.087 ng
RT: 11.17 min Scan# 1545
Delta R.T. -0.02 min
Lab File: BF116002.D
Acq: 6 Aug 2019 10:16

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	247670		
268	62.9	51.6	77.4	
264	62.9	49.4	74.0	





#71

Phenanthrene

Concen: 38.693 ng

RT: 11.39 min Scan# 1582

Delta R.T. -0.02 min

Lab File: BF116002.D

Acq: 6 Aug 2019 10:16

Instrument :

BNA_F

ClientSampleId :

PB121973BS

Tot Ion:178 Resp: 1130830

Ion Ratio Lower Upper

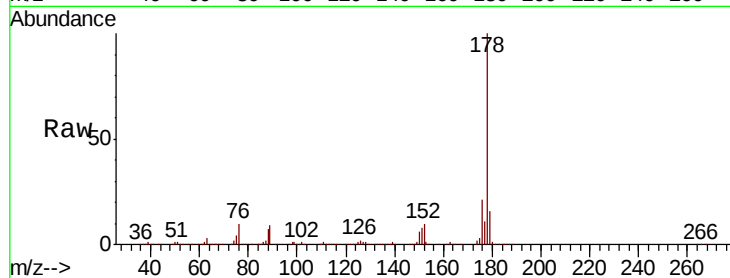
178 100

176 20.8 16.5 24.7

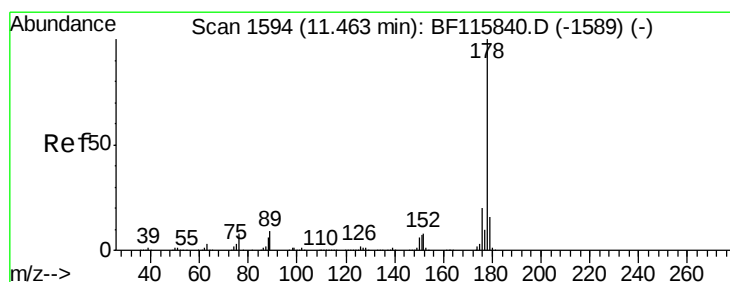
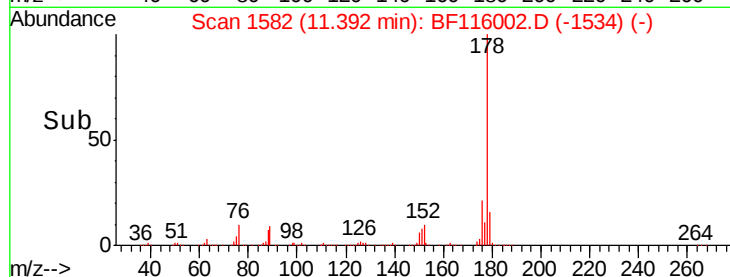
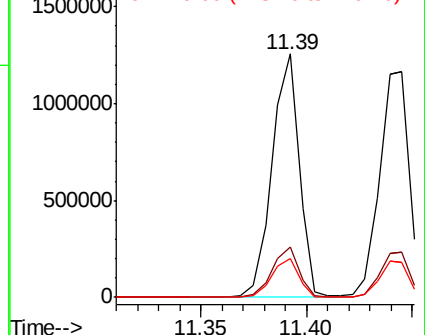
179 15.9 12.6 18.8

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Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 39.488 ng

RT: 11.45 min Scan# 1591

Delta R.T. -0.02 min

Lab File: BF116002.D

Acq: 6 Aug 2019 10:16

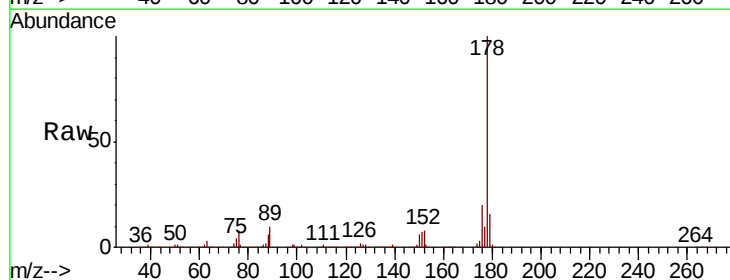
Tgt Ion:178 Resp: 1167968

Ion Ratio Lower Upper

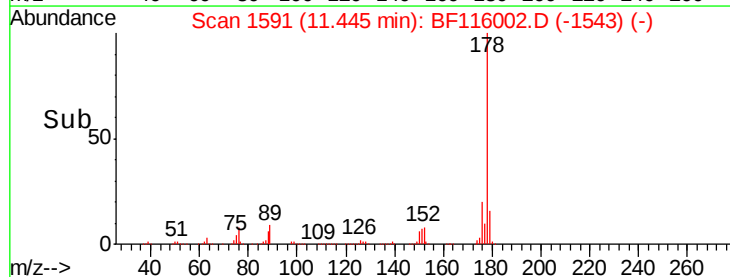
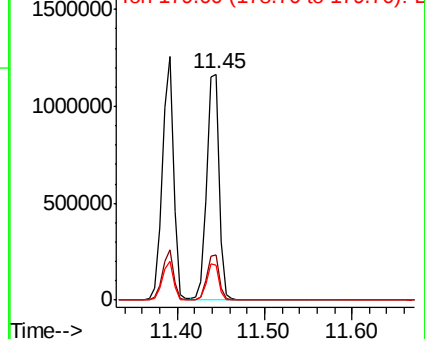
178 100

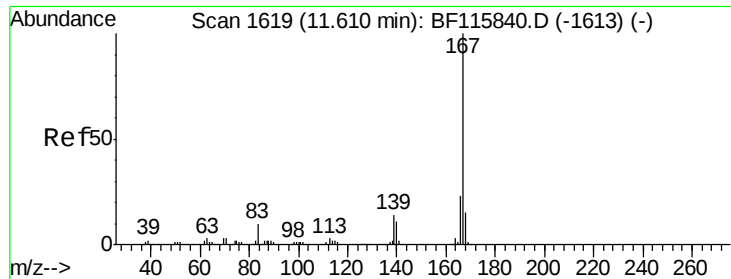
176 20.0 15.7 23.5

179 15.8 12.4 18.6



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E





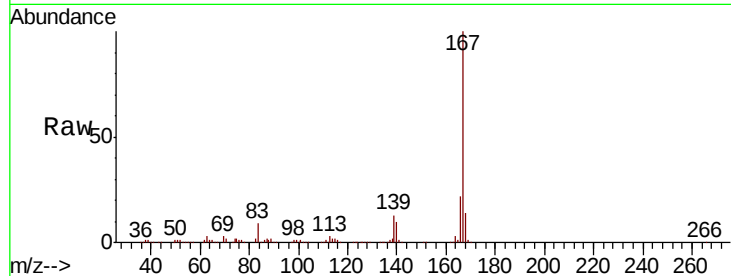
#73
 Carbazole
 Concen: 39.418 ng
 RT: 11.60 min Scan# 1617
 Delta R.T. -0.01 min
 Lab File: BF116002.D
 Acq: 6 Aug 2019 10:16

Instrument :
 BNA_F
 ClientSampleId :
 PB121973BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.7	18.0	27.0
139	13.3	11.4	17.2

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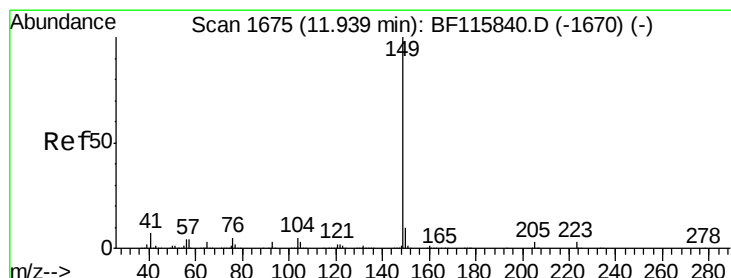
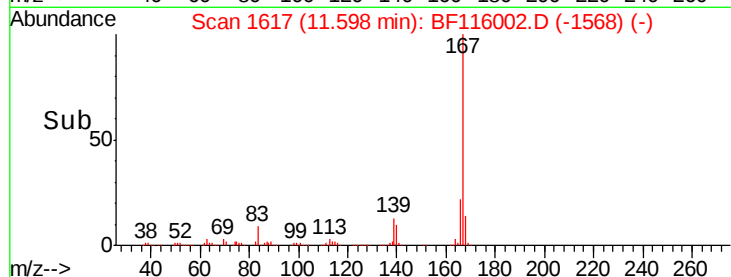
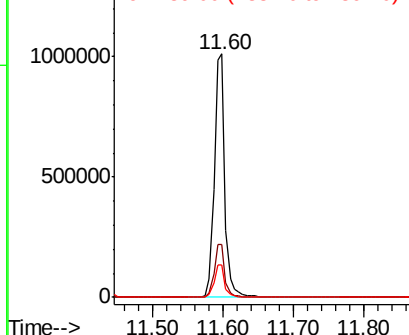


Abundance

Ion 167.00 (166.70 to 167.70): E

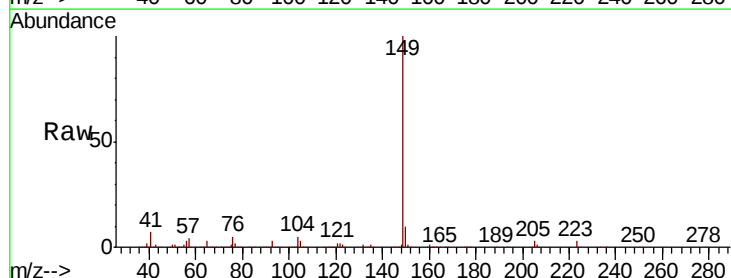
Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74
 Di-n-butylphthalate
 Concen: 41.678 ng
 RT: 11.92 min Scan# 1672
 Delta R.T. -0.02 min
 Lab File: BF116002.D
 Acq: 6 Aug 2019 10:16

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.7	7.7	11.5
104	5.4	4.3	6.5

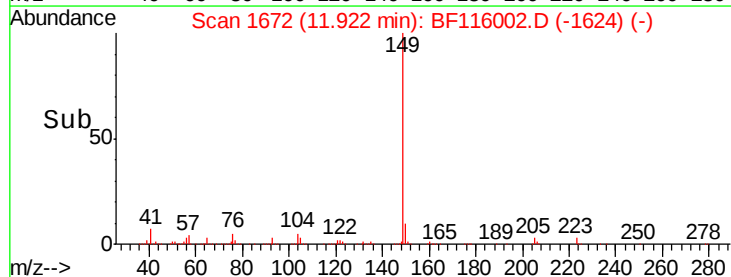
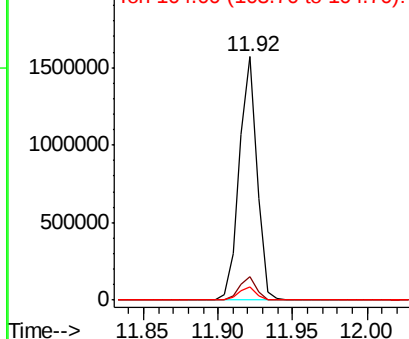


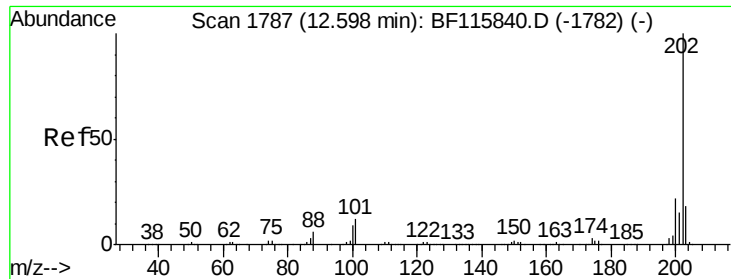
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 38.912 ng

RT: 12.58 min Scan# 1784

Delta R.T. -0.02 min

Lab File: BF116002.D

Acq: 6 Aug 2019 10:16

Instrument :

BNA_F

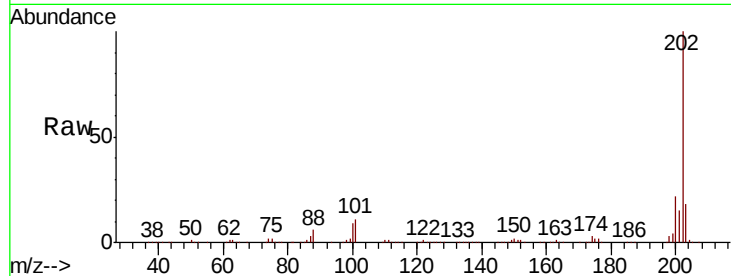
ClientSampleId :

PB121973BS

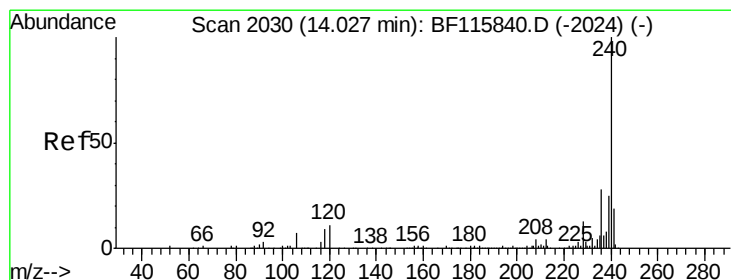
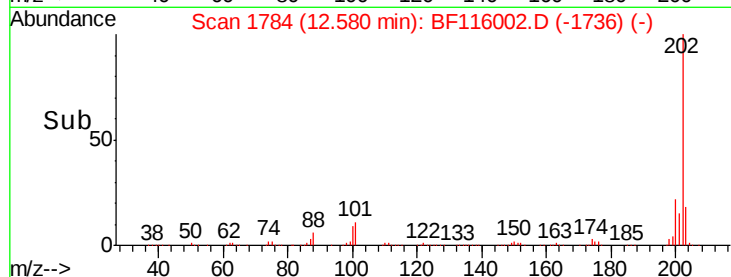
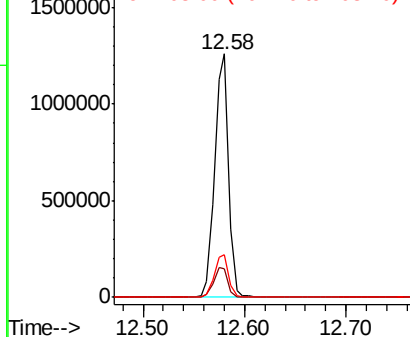
Tot Ion:	202	Resp:	1190571
Ion Ratio	Lower	Upper	
202	100		
101	11.5	0.0	31.5
203	17.7	0.0	37.9

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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

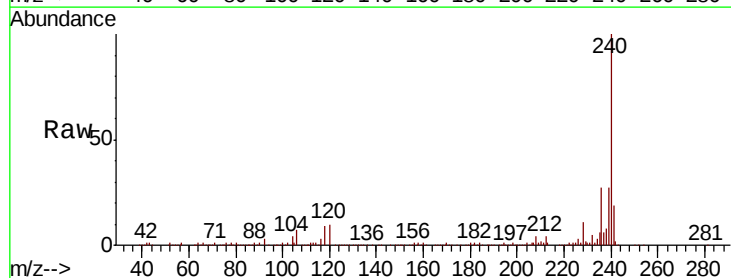
RT: 14.01 min Scan# 2027

Delta R.T. -0.02 min

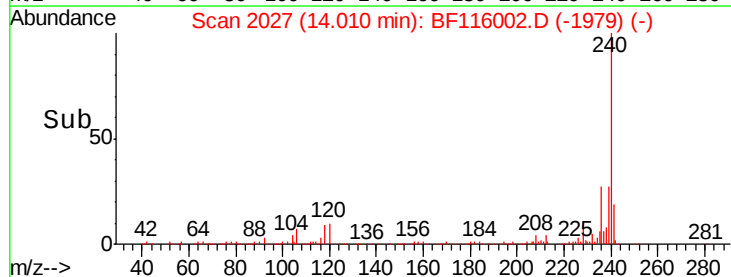
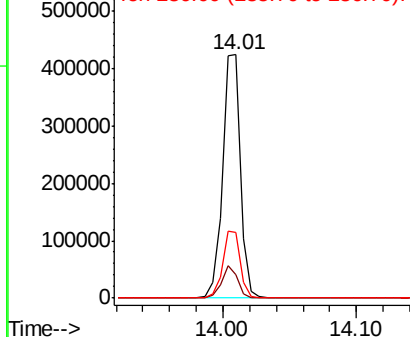
Lab File: BF116002.D

Acq: 6 Aug 2019 10:16

Tgt Ion:	240	Resp:	403644
Ion Ratio	Lower	Upper	
240	100		
120	9.7	8.5	12.7
236	27.1	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: 28.776 ng

RT: 12.70 min Scan# 1804

Delta R.T. -0.01 min

Lab File: BF116002.D

Acq: 6 Aug 2019 10:16

Instrument :

BNA_F

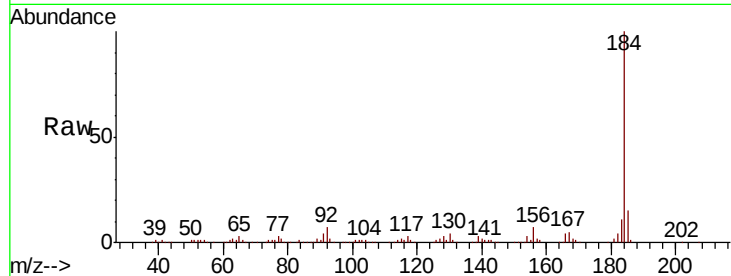
ClientSampleId :

PB121973BS

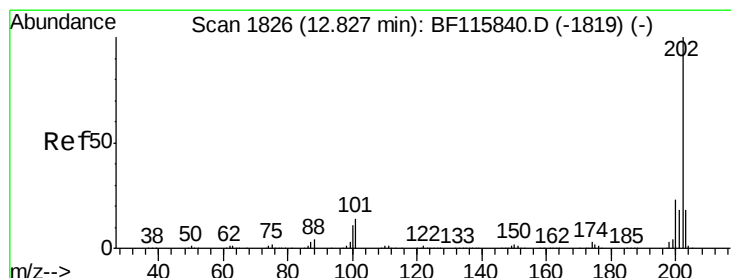
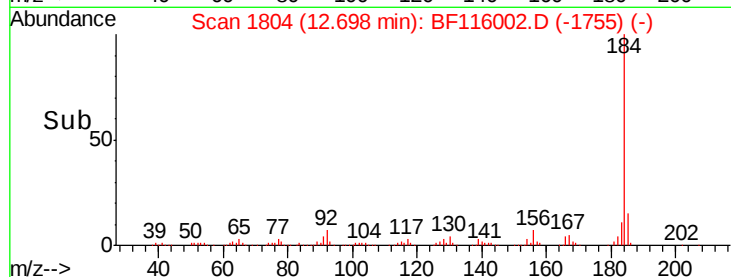
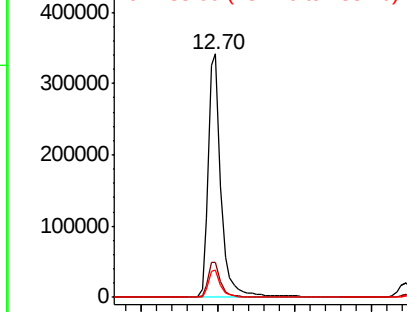
Tot Ion:	184	Resp:	392408
Ion Ratio	Lower	Upper	
184	100		
185	14.6	13.4	20.2
183	11.5	9.1	13.7

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



#78

Pyrene

Concen: 39.626 ng

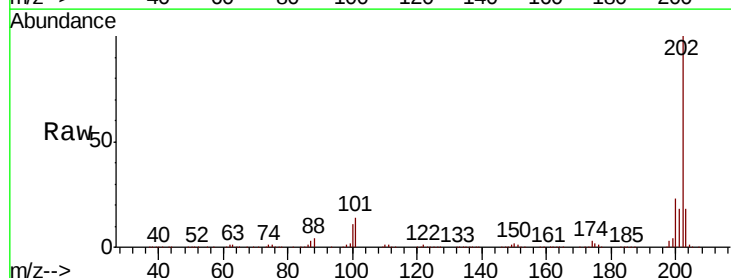
RT: 12.81 min Scan# 1823

Delta R.T. -0.02 min

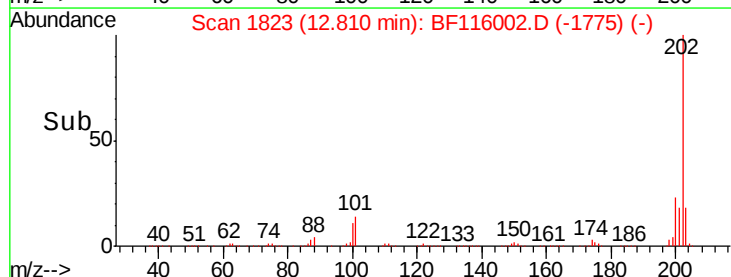
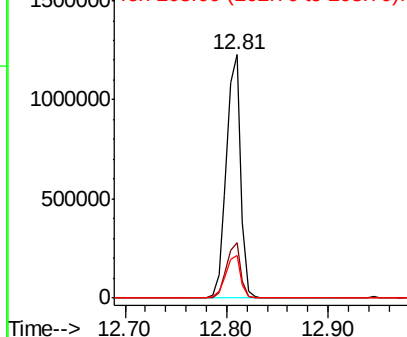
Lab File: BF116002.D

Acq: 6 Aug 2019 10:16

Tgt Ion:	202	Resp:	1205707
Ion Ratio	Lower	Upper	
202	100		
200	22.7	18.2	27.2
203	17.6	14.3	21.5



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





#79

Terphenyl-d14

Concen: 79.784 ng

RT: 12.95 min Scan# 1846

Delta R.T. -0.02 min

Lab File: BF116002.D

Acq: 6 Aug 2019 10:16

Instrument :

BNA_F

ClientSampleId :

PB121973BS

Tot Ion:244 Resp: 1528327

Ion Ratio Lower Upper

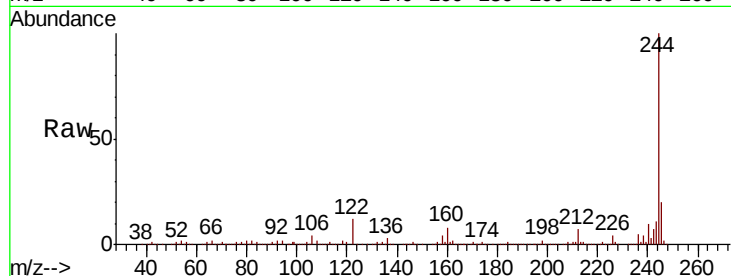
244 100

212 7.1 5.6 8.4

122 11.7 8.6 13.0

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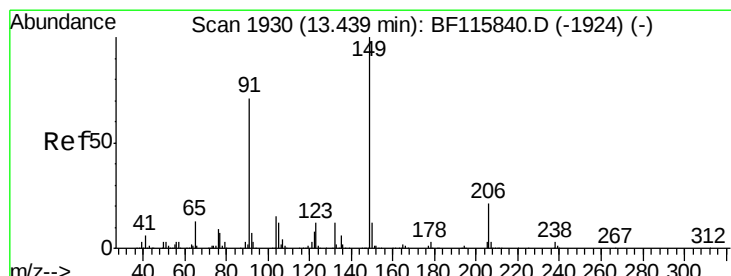
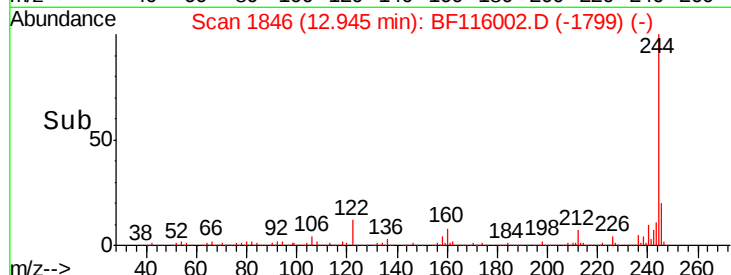
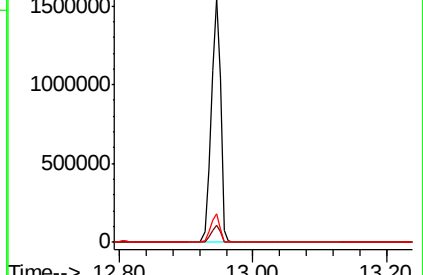
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Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 43.036 ng

RT: 13.42 min Scan# 1926

Delta R.T. -0.02 min

Lab File: BF116002.D

Acq: 6 Aug 2019 10:16

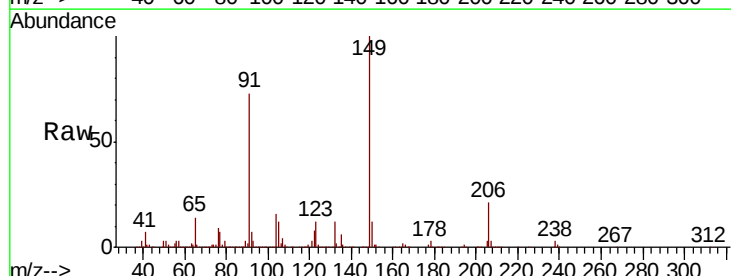
Tgt Ion:149 Resp: 553917

Ion Ratio Lower Upper

149 100

91 72.6 57.0 85.6

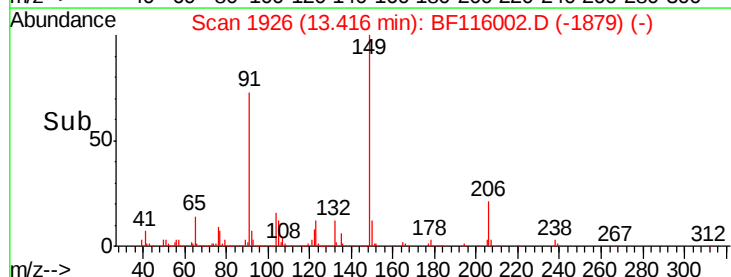
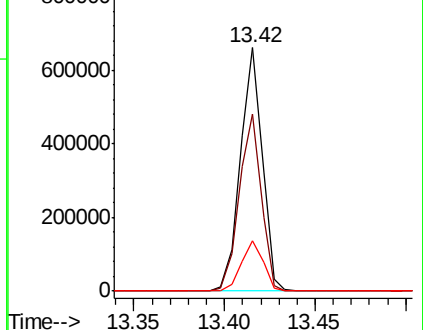
206 20.6 16.9 25.3

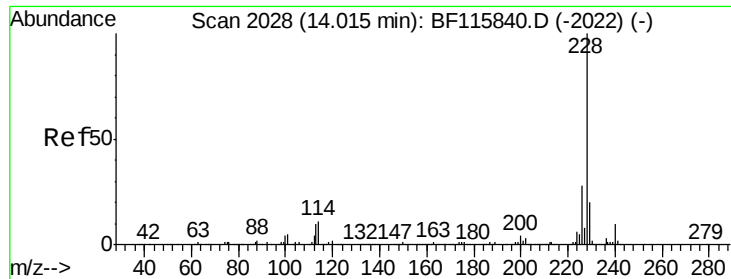


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 38.697 ng

RT: 14.00 min Scan# 2025

Delta R.T. -0.02 min

Lab File: BF116002.D

Acq: 6 Aug 2019 10:16

Instrument :

BNA_F

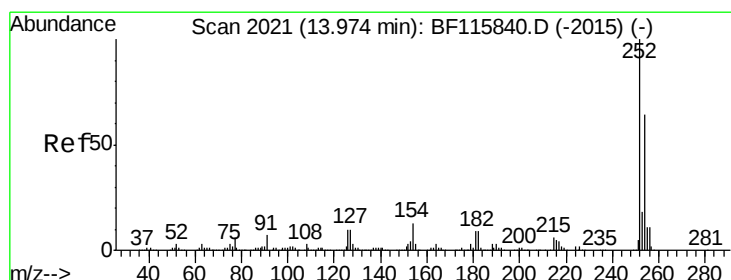
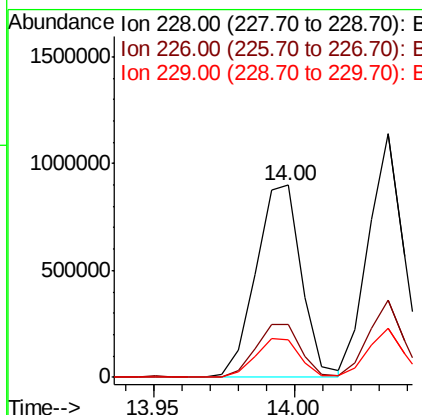
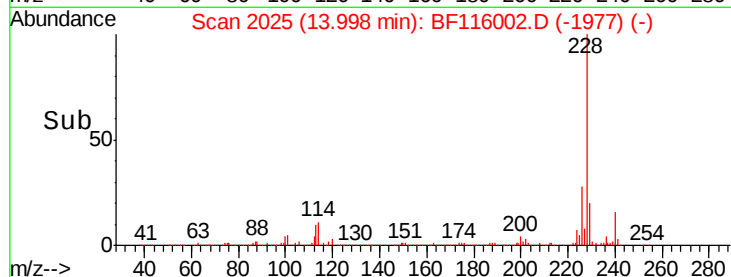
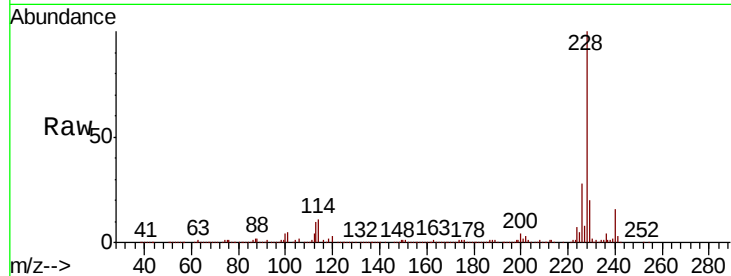
ClientSampleId :

PB121973BS

Tot Ion:	228	Resp:	998374
Ion Ratio	Lower	Upper	
228	100		
226	27.7	22.5	33.7
229	19.8	16.1	24.1

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#82

3,3'-Dichlorobenzidine

Concen: 35.488 ng

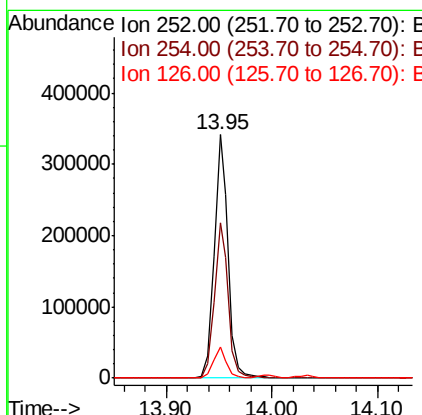
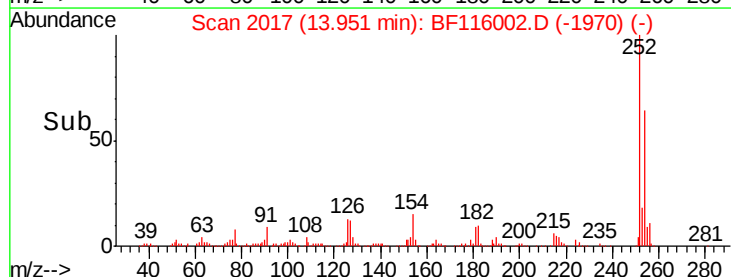
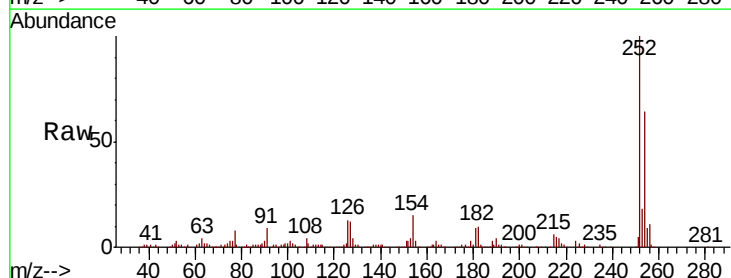
RT: 13.95 min Scan# 2017

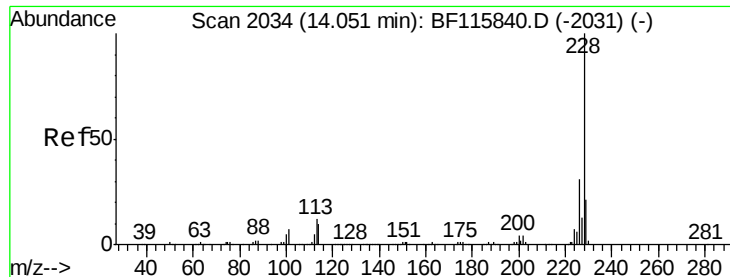
Delta R.T. -0.02 min

Lab File: BF116002.D

Acq: 6 Aug 2019 10:16

Tgt Ion:	252	Resp:	318090
Ion Ratio	Lower	Upper	
252	100		
254	63.9	51.2	76.8
126	12.6	8.1	12.1#





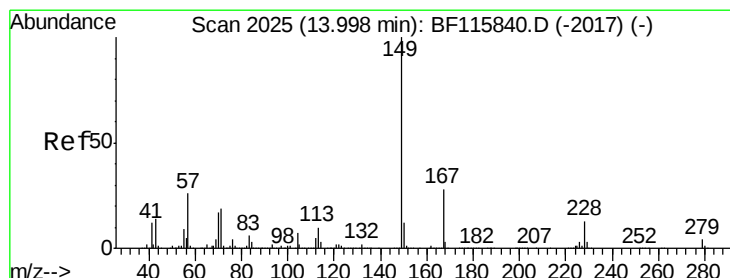
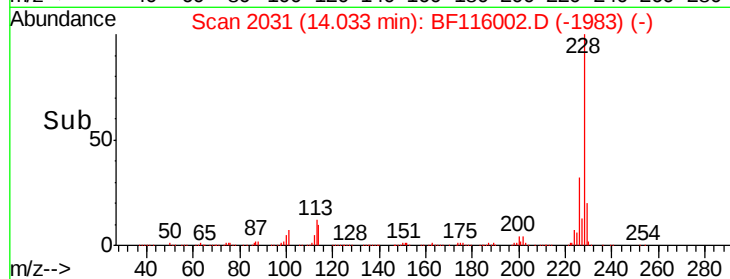
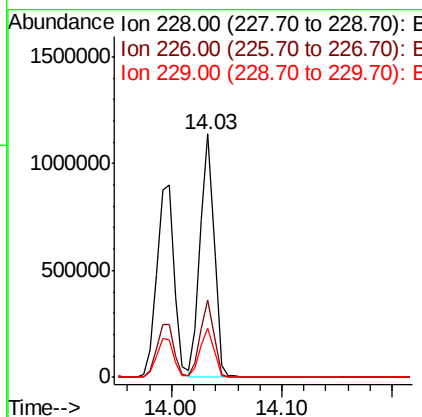
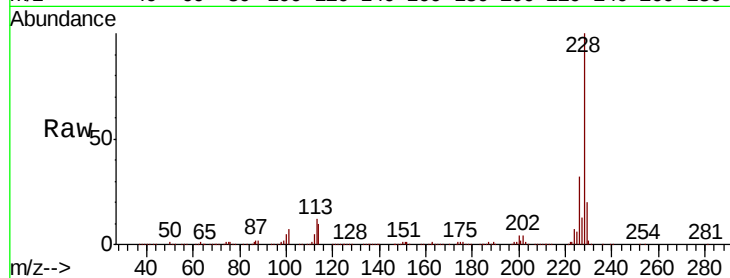
#83
 Chrvsene
 Concen: 38.737 ng
 RT: 14.03 min Scan# 2031
 Delta R.T. -0.02 min
 Lab File: BF116002.D
 Acq: 6 Aug 2019 10:16

Instrument :
 BNA_F
 ClientSampleId :
 PB121973BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.9	24.8	37.2
229	20.2	16.4	24.6

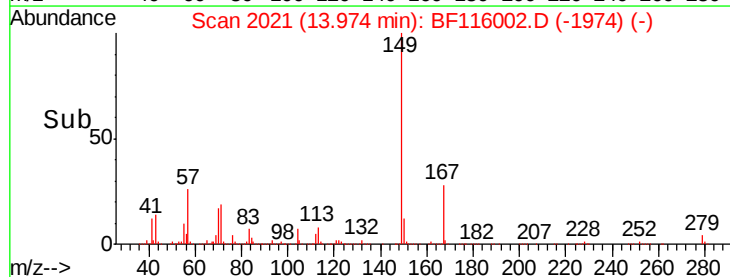
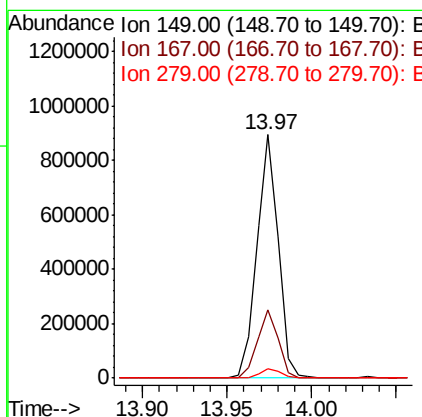
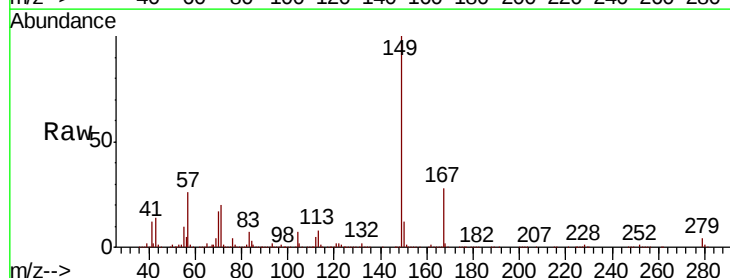
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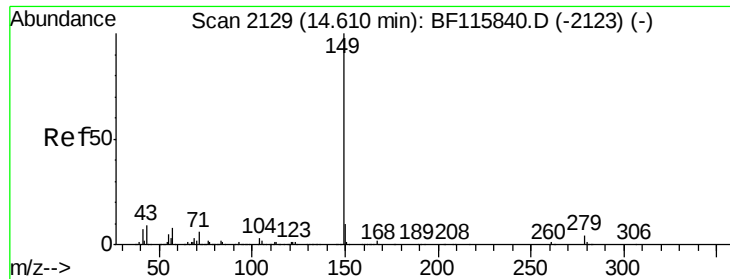
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 47.121 ng
 RT: 13.97 min Scan# 2021
 Delta R.T. -0.02 min
 Lab File: BF116002.D
 Acq: 6 Aug 2019 10:16

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.8	22.4	33.6
279	4.0	3.3	4.9





#85

Di-n-octyl phthalate

Concen: 47.007 ng

RT: 14.59 min Scan# 2125

Delta R.T. -0.02 min

Lab File: BF116002.D

Acq: 6 Aug 2019 10:16

Instrument :

BNA_F

ClientSampleId :

PB121973BS

Tot Ion:149 Resp: 1248790

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

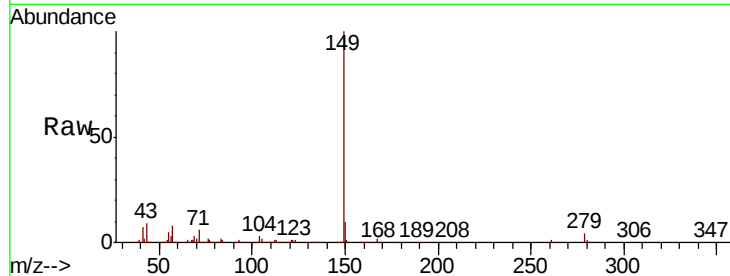
43 9.4 7.4 11.0

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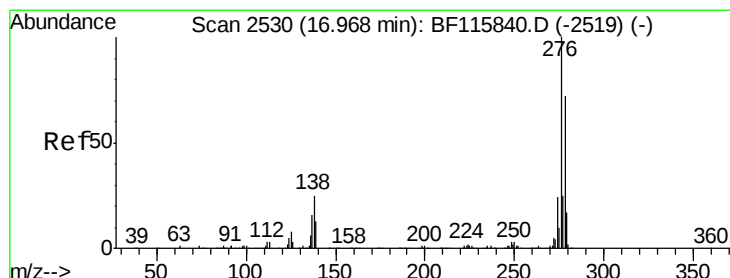
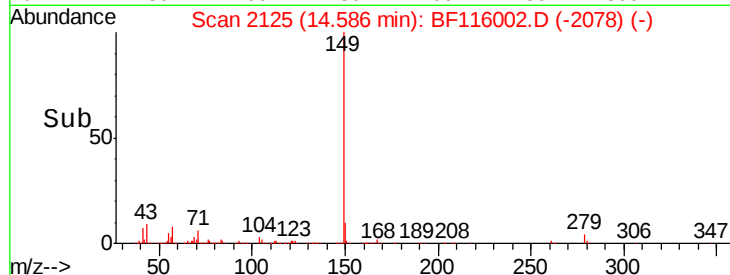
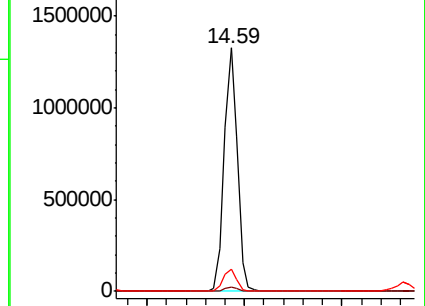
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Abundance Ion 149.00 (148.70 to 149.70): E

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: 39.140 ng

RT: 16.94 min Scan# 2526

Delta R.T. -0.02 min

Lab File: BF116002.D

Acq: 6 Aug 2019 10:16

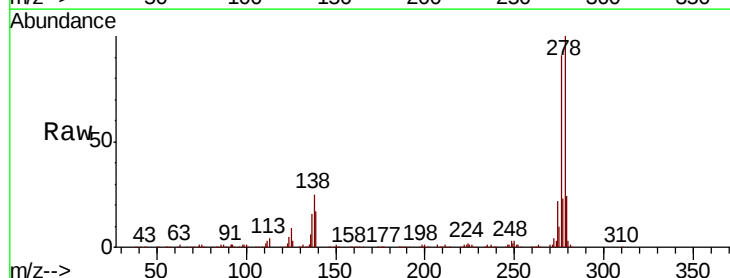
Tgt Ion:276 Resp: 823394

Ion Ratio Lower Upper

276 100

138 25.6 19.6 29.4

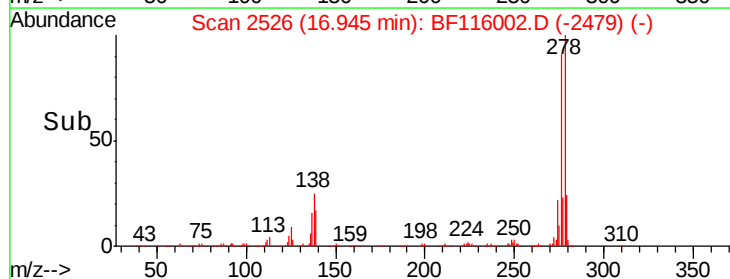
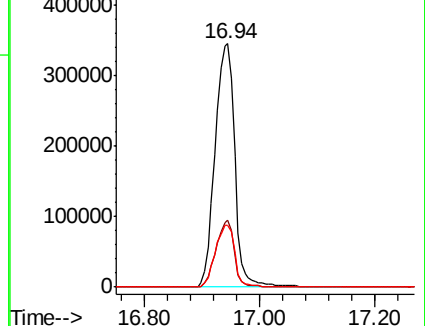
277 25.3 20.1 30.1

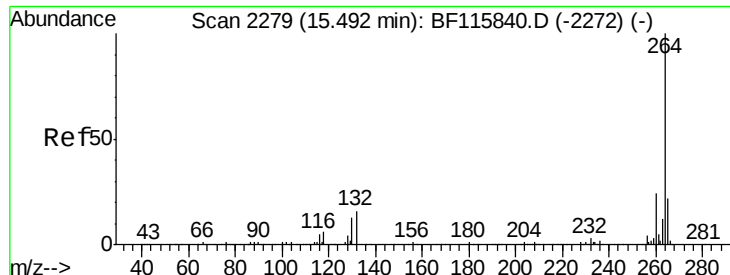


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





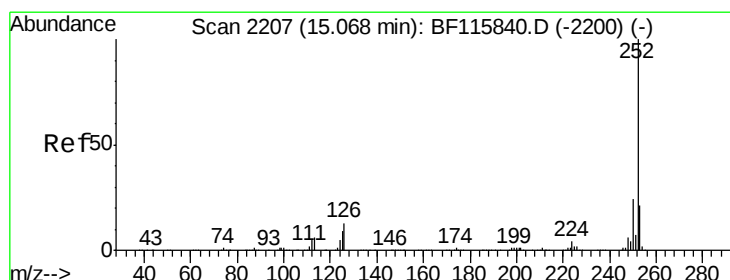
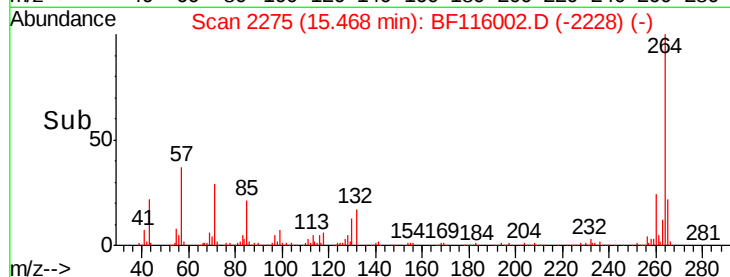
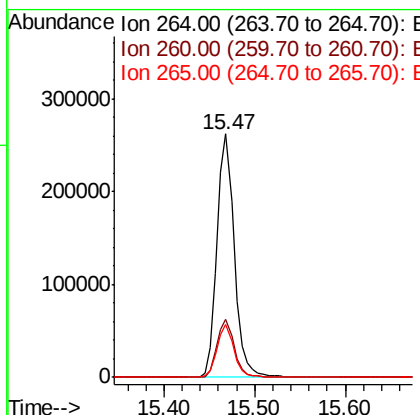
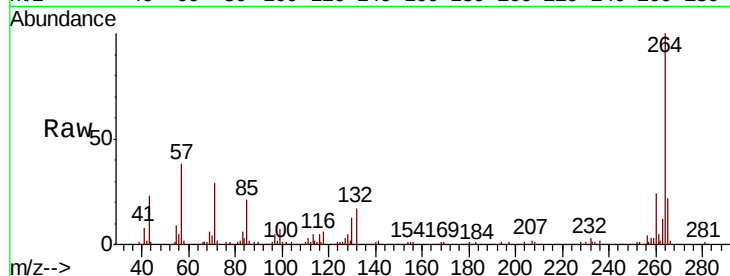
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.47 min Scan# 2275
Delta R.T. -0.02 min
Lab File: BF116002.D
Acq: 6 Aug 2019 10:16

Instrument :
BNA_F
ClientSampleId :
PB121973BS

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.4	29.2
265	21.6	17.5	26.3

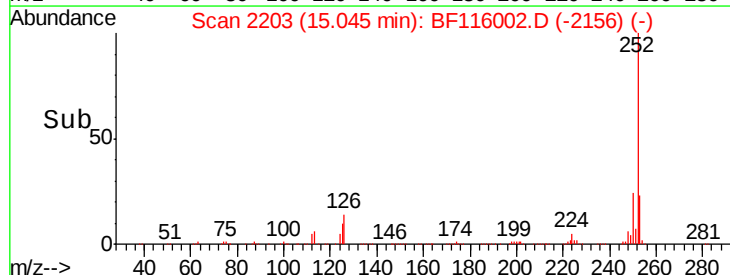
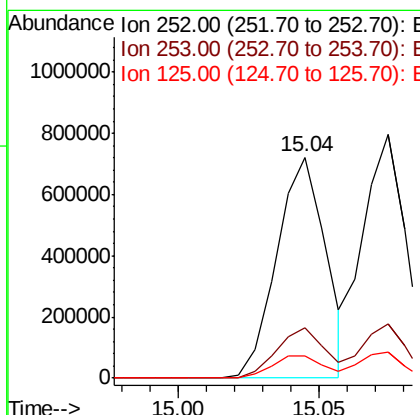
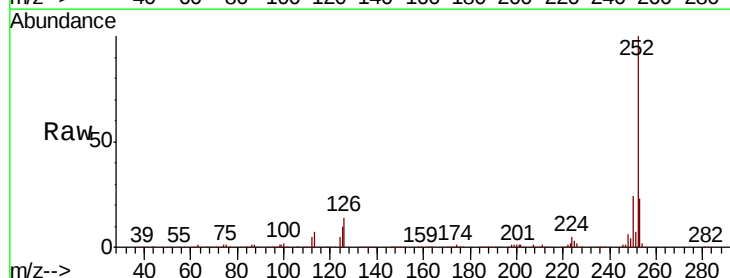
Manual Integrations
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#88
Benzo(b)fluoranthene
Concen: 43.482 ng
RT: 15.04 min Scan# 2203
Delta R.T. -0.02 min
Lab File: BF116002.D
Acq: 6 Aug 2019 10:16

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.2	25.8
125	10.1	7.4	11.0





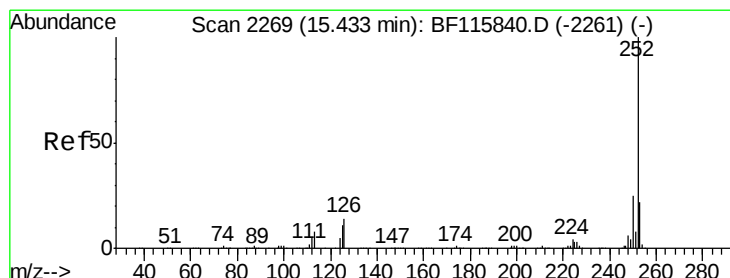
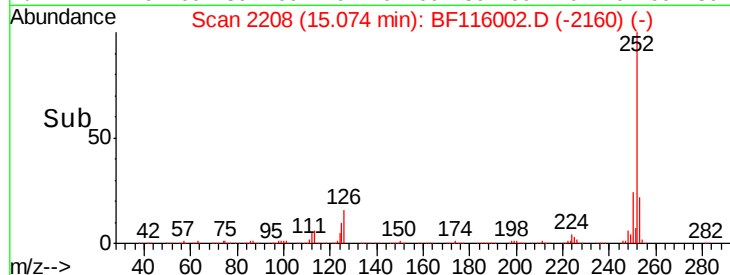
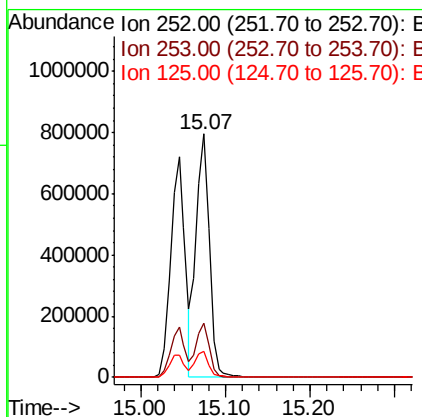
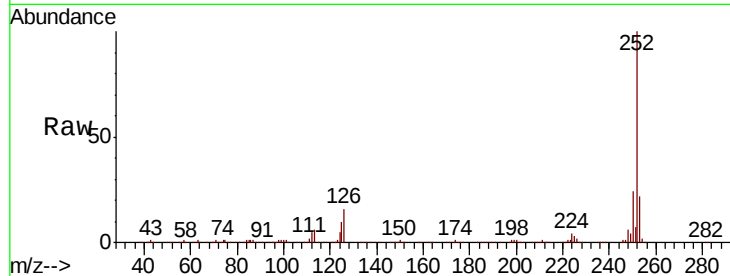
#89
Benzo(k)fluoranthene
Concen: 44.221 ng
RT: 15.07 min Scan# 2208
Delta R.T. -0.02 min
Lab File: BF116002.D
Acq: 6 Aug 2019 10:16

Instrument :
BNA_F
ClientSampleId :
PB121973BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.2	27.4
125	10.5	8.9	13.3

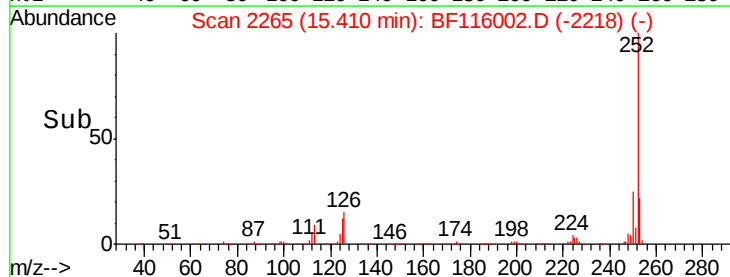
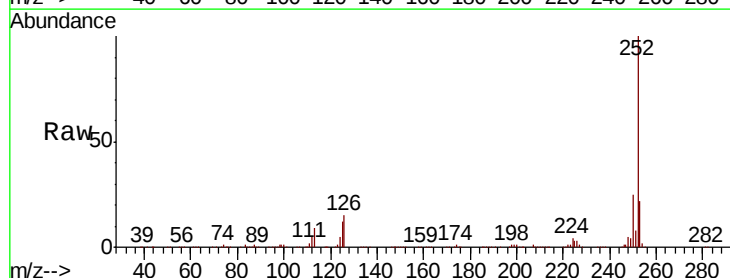
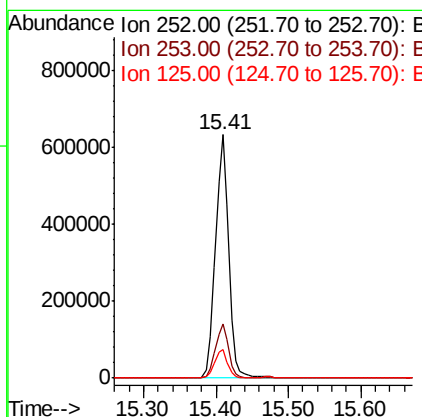
Manual Integrations
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#90
Benzo(a)pyrene
Concen: 44.976 ng
RT: 15.41 min Scan# 2265
Delta R.T. -0.02 min
Lab File: BF116002.D
Acq: 6 Aug 2019 10:16

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.8	26.6
125	11.6	8.8	13.2





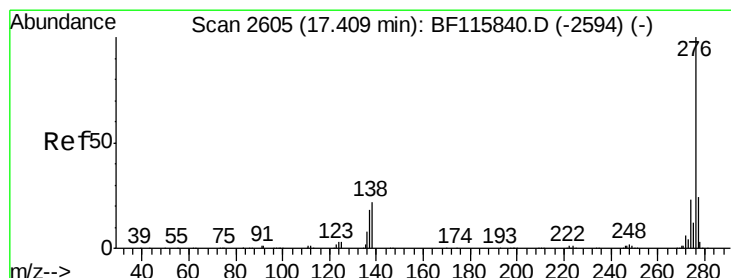
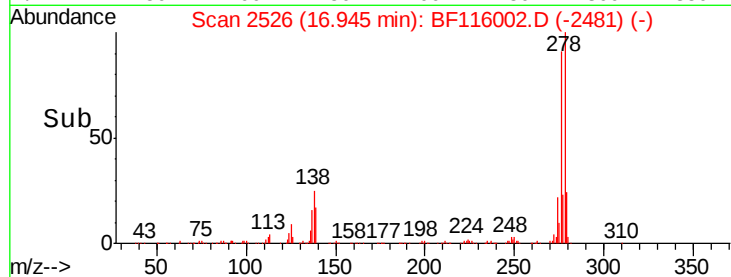
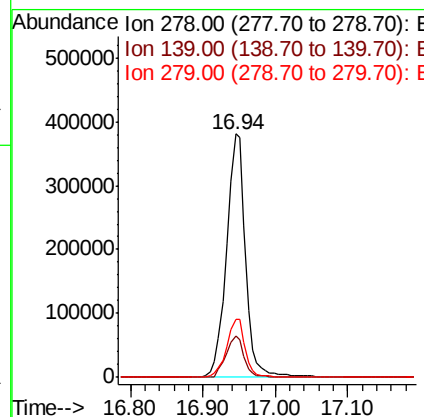
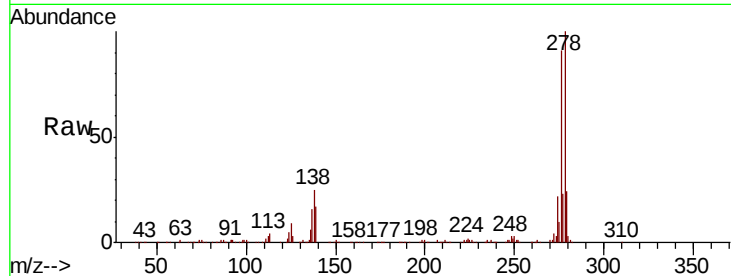
#91
Dibenzo(a,h)anthracene
Concen: 44.961 ng
RT: 16.94 min Scan# 2526
Delta R.T. -0.04 min
Lab File: BF116002.D
Acq: 6 Aug 2019 10:16

Instrument :
BNA_F
ClientSampleId :
PB121973BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	17.0	12.6	19.0
279	24.1	18.8	28.2

Manual Integrations
APPROVED

mohammad
8/7/2019 4:41:35 PM



#92
Benzo(g,h,i)perylene
Concen: 44.328 ng
RT: 17.37 min Scan# 2599
Delta R.T. -0.04 min
Lab File: BF116002.D
Acq: 6 Aug 2019 10:16

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.0	19.5	29.3
138	22.0	17.8	26.8

