

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081219\
 Data File : BF116187.D
 Acq On : 12 Aug 2019 13:05
 Operator : HP/JU
 Sample : PB122156BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB122156BS

Manual Integrations
 APPROVED

mohammad
 8/14/2019 2:53:27 AM

Quant Time: Aug 12 15:22:06 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 07 11:13:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	136018	20.00	ng	-0.01
21) Naphthalene-d8	8.12	136	564043	20.00	ng	-0.01
39) Acenaphthene-d10	9.87	164	309346	20.00	ng	-0.02
64) Phenanthrene-d10	11.36	188	542469	20.00	ng	-0.01
76) Chrysene-d12	14.00	240	371317	20.00	ng	0.00
87) Perylene-d12	15.47	264	288233	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.47	112	886325	109.09	ng	0.00
7) Phenol-d6	6.48	99	1105045	107.80	ng	0.00
23) Nitrobenzene-d5	7.40	82	733150	75.03	ng	-0.02
42) 2,4,6-Tribromophenol	10.67	330	334806	111.63	ng	0.00
45) 2-Fluorobiphenyl	9.19	172	1303866	78.95	ng	-0.01
79) Terphenyl-d14	12.94	244	1479197	83.94	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.68	88	154832	37.721	ng	97
3) Pyridine	3.43	79	340725	29.716	ng	99
4) n-Nitrosodimethylamine	3.38	42	155071	34.270	ng	100
6) Aniline	6.50	93	409575	27.899	ng	# 86
8) 2-Chlorophenol	6.63	128	375213	41.762	ng	99
9) Benzaldehyde	6.39	77	113880	16.100	ng	95
10) Phenol	6.49	94	473785	39.247	ng	95
11) bis(2-Chloroethyl)ether	6.57	93	356942	40.217	ng	98
12) 1,3-Dichlorobenzene	6.77	146	395020	38.043	ng	98
13) 1,4-Dichlorobenzene	6.85	146	404222	38.880	ng	98
14) 1,2-Dichlorobenzene	7.00	146	371558	38.812	ng	99
15) Benzyl Alcohol	6.98	79	304601	39.154	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.10	45	476638	39.372	ng	82
17) 2-Methylphenol	7.09	107	315474	41.468	ng	99
18) Hexachloroethane	7.34	117	146633	38.307	ng	98
19) n-Nitroso-di-n-propylamine	7.25	70	258626	40.713	ng	99
20) 3+4-Methylphenols	7.25	107	384251	42.681	ng	93
22) Acetophenone	7.25	105	511147	41.321	ng	99
24) Nitrobenzene	7.42	77	421550	39.954	ng	99
25) Isophorone	7.66	82	769162	41.165	ng	99
26) 2-Nitrophenol	7.73	139	208616	41.945	ng	99
27) 2,4-Dimethylphenol	7.77	122	341359	45.620	ng	97
28) bis(2-Chloroethoxy)methane	7.86	93	474768	40.995	ng	100
29) 2,4-Dichlorophenol	7.98	162	332804	42.124	ng	99
30) 1,2,4-Trichlorobenzene	8.06	180	357006	39.641	ng	99
31) Naphthalene	8.13	128	1099077	41.408	ng	99
32) Benzoic acid	7.93	122	191378	36.277	ng	98
33) 4-Chloroaniline	8.19	127	319872	26.972	ng	99
34) Hexachlorobutadiene	8.25	225	197741	38.119	ng	99
35) Caprolactam	8.56	113	104543m	40.913	ng	
36) 4-Chloro-3-methylphenol	8.68	107	351170	42.726	ng	99
37) 2-Methylnaphthalene	8.83	142	739203	42.287	ng	98
38) 1-Methylnaphthalene	8.93	142	697999	42.207	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.00	216	340145	41.130	ng	99

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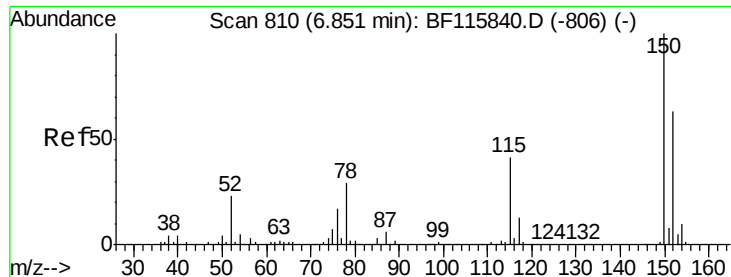
Manual Integrations
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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.98	237	132828	39.050	ng	99
43) 2,4,6-Trichlorophenol	9.12	196	221658	38.939	ng	99
44) 2,4,5-Trichlorophenol	9.16	196	234644	39.877	ng	99
46) 1,1'-Biphenyl	9.29	154	905706	41.471	ng	99
47) 2-Chloronaphthalene	9.32	162	718399	39.522	ng	98
48) 2-Nitroaniline	9.42	65	225867	37.593	ng	98
49) Acenaphthylene	9.73	152	1074294	40.511	ng	99
50) Dimethylphthalate	9.59	163	857235	40.699	ng	100
51) 2,6-Dinitrotoluene	9.66	165	189647	41.432	ng	99
52) Acenaphthene	9.90	154	653803	40.187	ng	99
53) 3-Nitroaniline	9.83	138	146499	25.902	ng	96
54) 2,4-Dinitrophenol	9.95	184	156297	68.391	ng	99
55) Dibenzofuran	10.08	168	940310	39.744	ng	100
56) 4-Nitrophenol	10.01	139	236379	65.241	ng	95
57) 2,4-Dinitrotoluene	10.07	165	238048	39.060	ng	96
58) Fluorene	10.42	166	756617	41.566	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.20	232	207952	42.006	ng	99
60) Diethylphthalate	10.29	149	833142	42.367	ng	99
61) 4-Chlorophenyl-phenylether	10.41	204	381952	41.432	ng	98
62) 4-Nitroaniline	10.45	138	199800	34.183	ng	97
63) Azobenzene	10.57	77	851540	42.100	ng	99
65) 4,6-Dinitro-2-methylphenol	10.49	198	123807	43.067	ng	93
66) n-Nitrosodiphenylamine	10.53	169	683531	41.863	ng	100
67) 4-Bromophenyl-phenylether	10.90	248	239743	41.284	ng	99
68) Hexachlorobenzene	10.97	284	263304	39.211	ng	99
69) Atrazine	11.06	200	211046	39.290	ng	100
70) Pentachlorophenol	11.17	266	239636	73.505	ng	98
71) Phenanthrene	11.39	178	1117562	40.298	ng	99
72) Anthracene	11.44	178	1162959	41.436	ng	99
73) Carbazole	11.59	167	1052590	41.338	ng	99
74) Di-n-butylphthalate	11.91	149	1288639	43.383	ng	100
75) Fluoranthene	12.57	202	1171064	40.336	ng	98
77) Benzidine	12.69	184	329830	26.292	ng	97
78) Pyrene	12.80	202	1203323	42.991	ng	99
80) Butylbenzylphthalate	13.41	149	530114	44.773	ng	98
81) Benzo(a)anthracene	13.99	228	957851	40.359	ng	100
82) 3,3'-Dichlorobenzidine	13.94	252	288937	35.042	ng	98
83) Chrysene	14.03	228	944971	41.012	ng	99
84) Bis(2-ethylhexyl)phthalate	13.96	149	732870	47.632	ng	99
85) Di-n-octyl phthalate	14.57	149	1121350	45.884	ng	99
86) Indeno(1,2,3-cd)pyrene	16.94	276	737209	38.094	ng	99
88) Benzo(b)fluoranthene	15.04	252	815306	48.920	ng	99
89) Benzo(k)fluoranthene	15.07	252	782328	48.194	ng	98
90) Benzo(a)pyrene	15.41	252	742932	49.868	ng	100
91) Dibenzo(a,h)anthracene	16.94	278	624647	48.438	ng	99
92) Benzo(g,h,i)perylene	17.39	276	615932	48.633	ng	98

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



#1

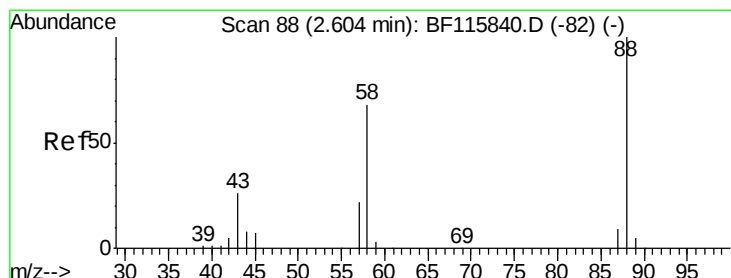
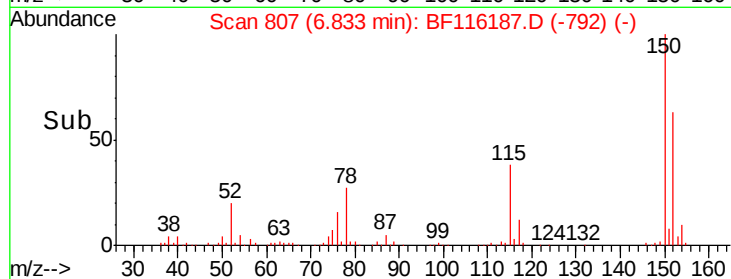
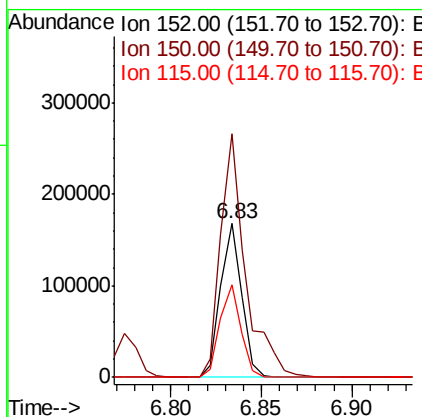
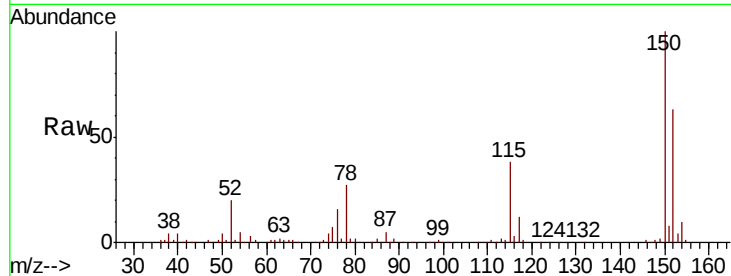
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 807
Delta R.T. -0.01 min
Lab File: BF116187.D
Acq: 12 Aug 2019 13:05

Instrument :
BNA_F
ClientSampleId :
PB122156BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.3	126.2	189.2
115	60.6	49.9	74.9

Manual Integrations
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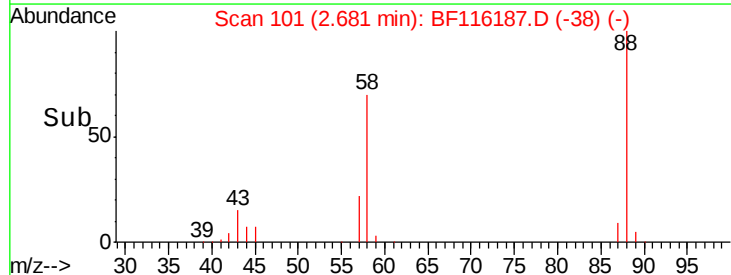
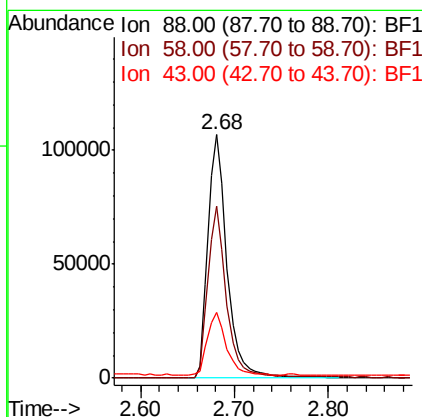
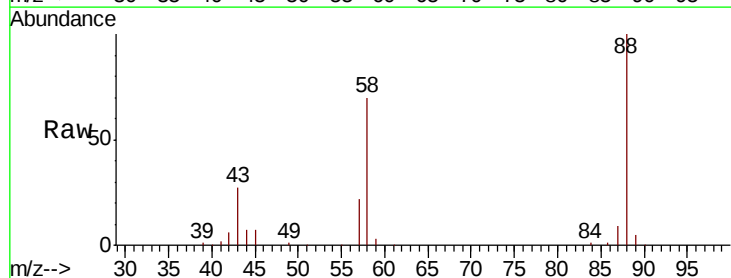
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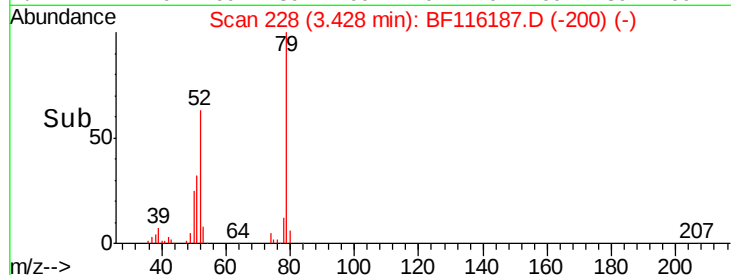
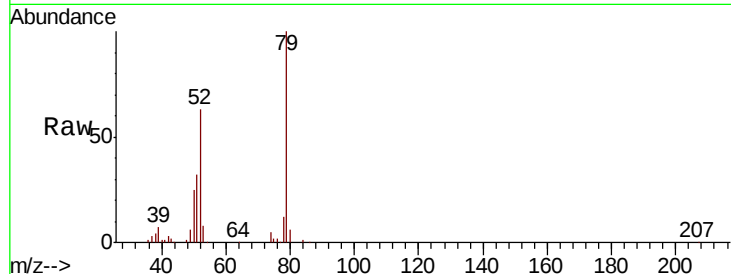
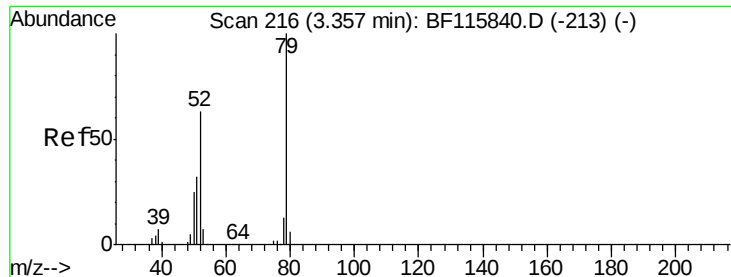


#2

1,4-Dioxane
Concen: 37.721 ng
RT: 2.68 min Scan# 101
Delta R.T. 0.07 min
Lab File: BF116187.D
Acq: 12 Aug 2019 13:05

Tgt Ion	Ratio	Lower	Upper
88	100		
58	69.8	53.7	80.5
43	25.4	21.0	31.4





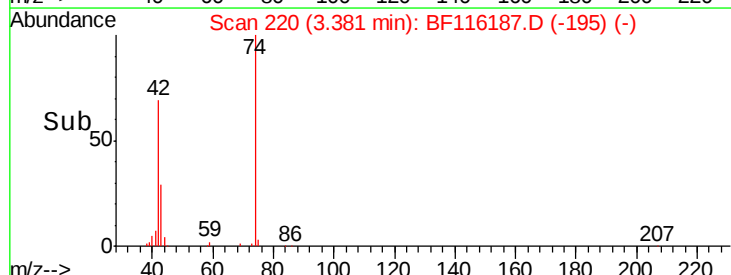
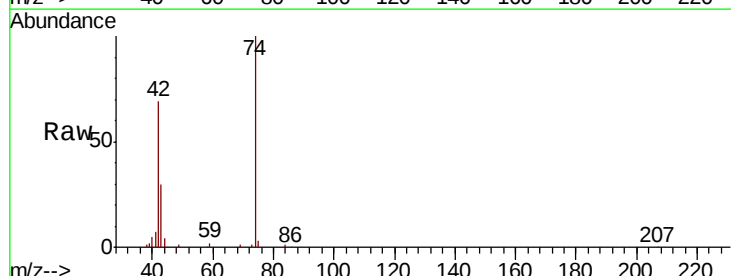
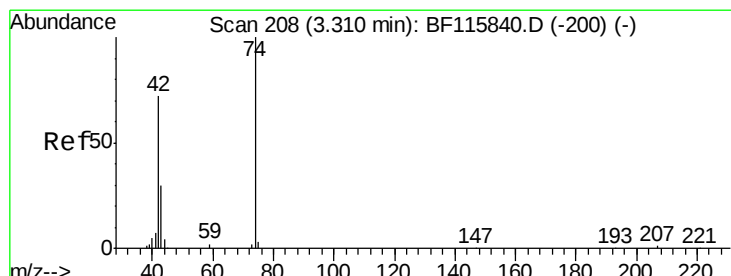
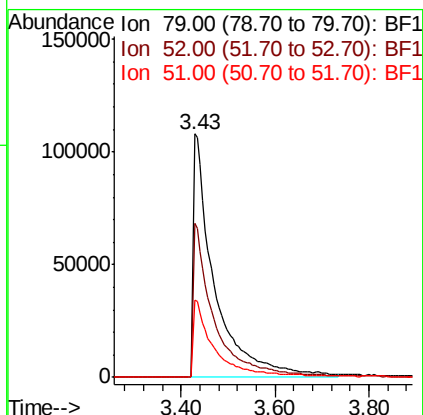
#3
Pvridine
Concen: 29.716 ng
RT: 3.43 min Scan# 228
Delta R.T. 0.06 min
Lab File: BF116187.D
Acq: 12 Aug 2019 13:05

Tot Ion:	79	Resp:	340725
Ion Ratio	Lower	Upper	
79	100		
52	63.2	49.8	74.8
51	31.5	25.2	37.8

Instrument :
BNA_F
ClientSampleId :
PB122156BS

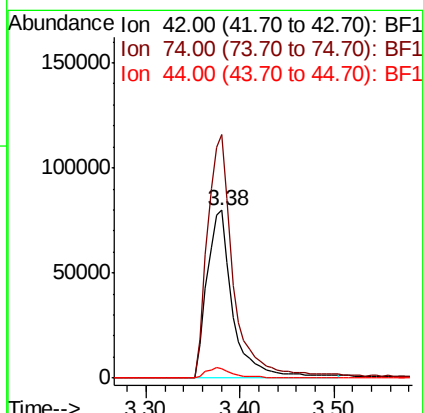
Manual Integrations
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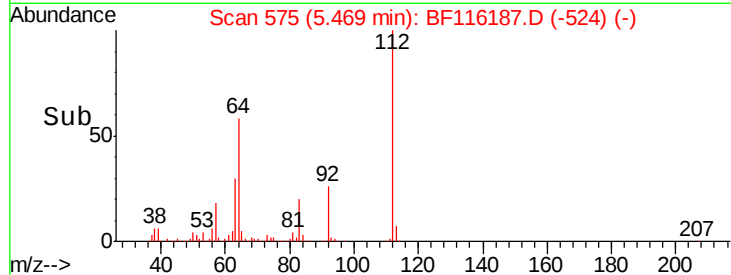
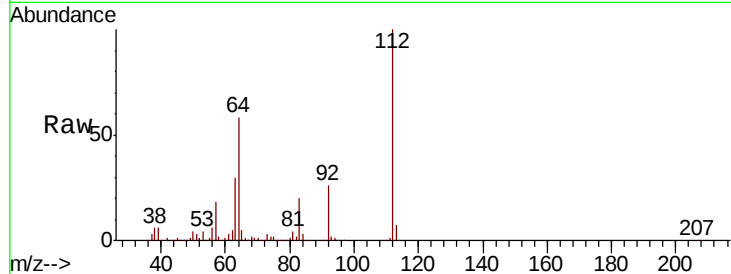
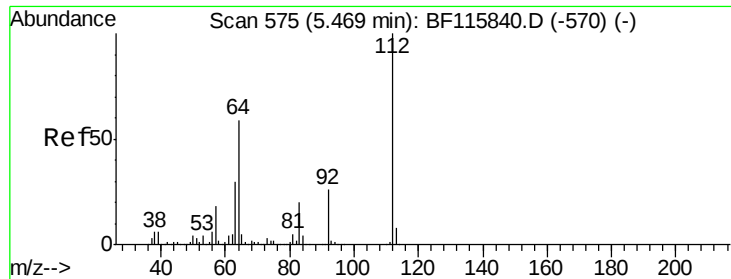
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#4
n-Nitrosodimethylamine
Concen: 34.270 ng
RT: 3.38 min Scan# 220
Delta R.T. 0.05 min
Lab File: BF116187.D
Acq: 12 Aug 2019 13:05

Tgt Ion:	42	Resp:	155071
Ion Ratio	Lower	Upper	
42	100		
74	145.4	116.0	174.0
44	5.8	4.6	7.0





#5

2-Fluorophenol

Concen: 109.086 ng

RT: 5.47 min Scan# 575

Delta R.T. -0.00 min

Lab File: BF116187.D

Acq: 12 Aug 2019 13:05

Tot Ion	Ion	Ratio	Resp	Lower	Upper
112	100		886325		
64	57.7	45.4	68.2		
63	30.0	23.7	35.5		

Instrument :

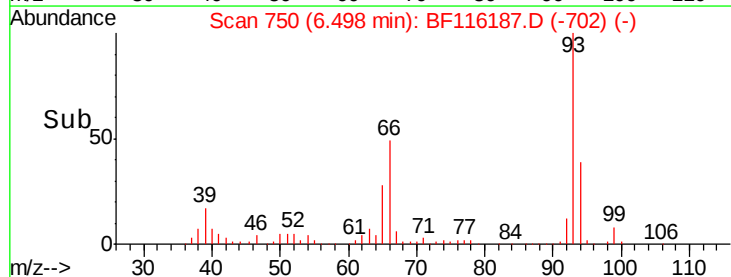
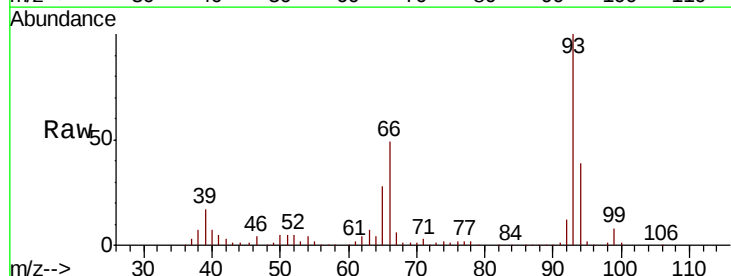
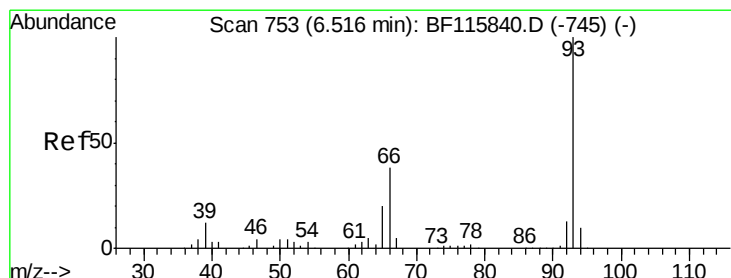
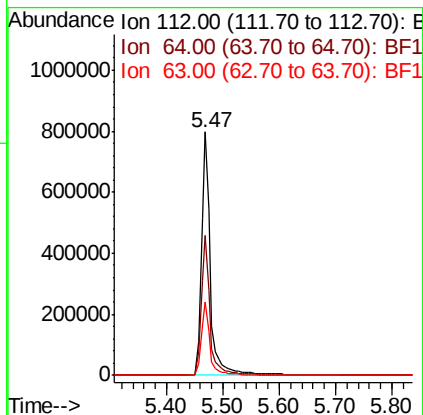
BNA_F

ClientSampleId :

PB122156BS

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#6

Aniline

Concen: 27.899 ng

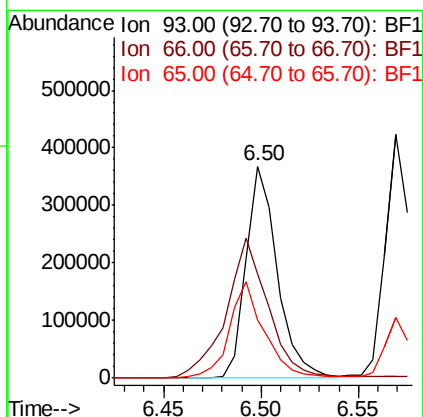
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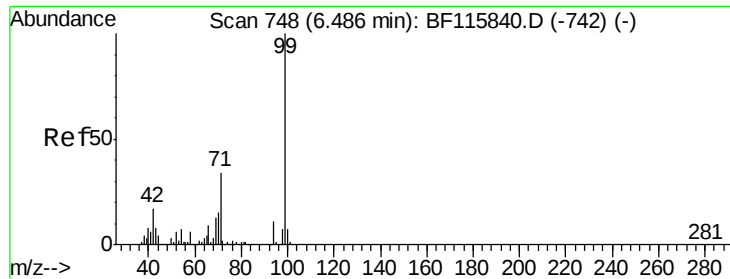
Delta R.T. -0.02 min

Lab File: BF116187.D

Acq: 12 Aug 2019 13:05

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100		409575		
66	49.4	32.2	48.4#		
65	27.7	17.0	25.6#		





#7

Phenol-d6

Concen: 107.797 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF116187.D

Acq: 12 Aug 2019 13:05

Instrument :

BNA_F

ClientSampleId :

PB122156BS

Tot Ion: 99 Resp: 1105045

Ion Ratio Lower Upper

99 100

42 16.5 13.8 20.8

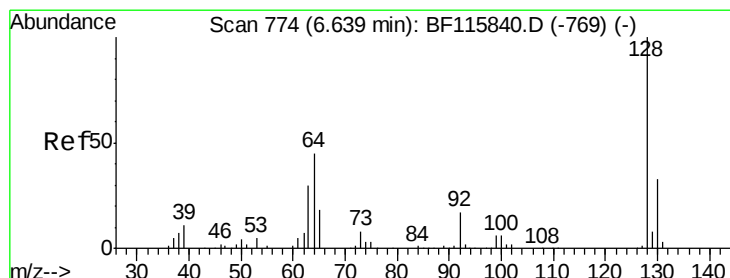
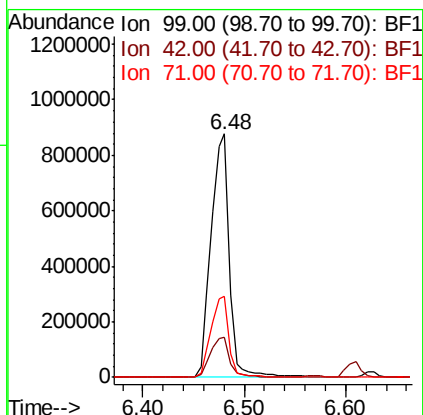
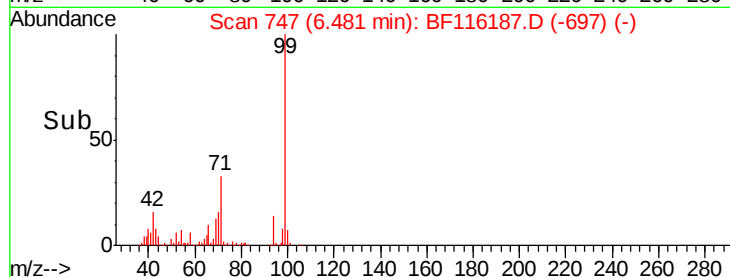
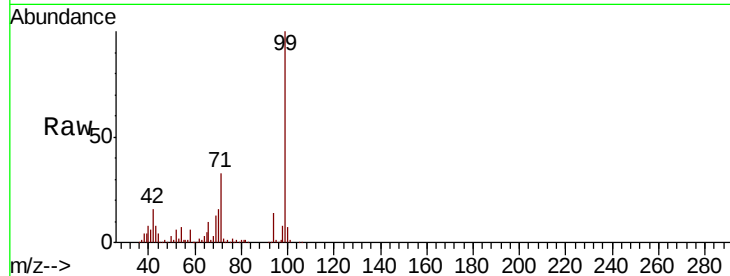
71 33.4 27.3 40.9

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#8

2-Chlorophenol

Concen: 41.762 ng

RT: 6.63 min Scan# 772

Delta R.T. -0.01 min

Lab File: BF116187.D

Acq: 12 Aug 2019 13:05

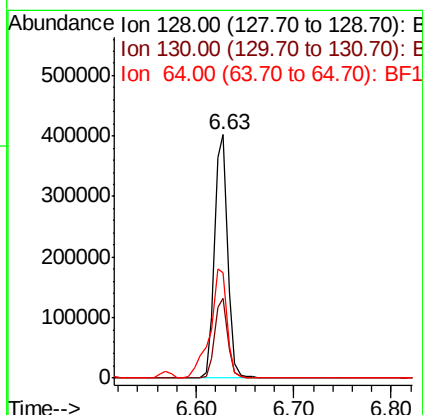
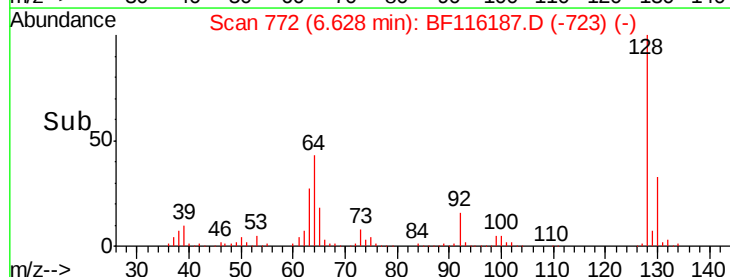
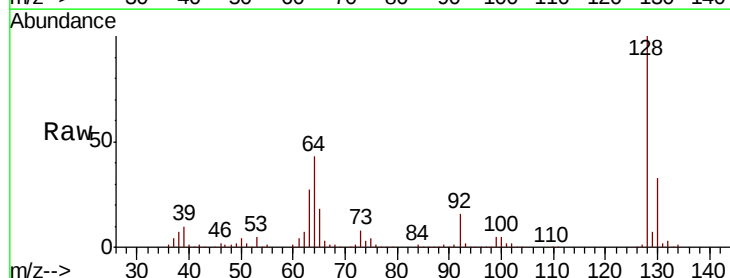
Tgt Ion: 128 Resp: 375213

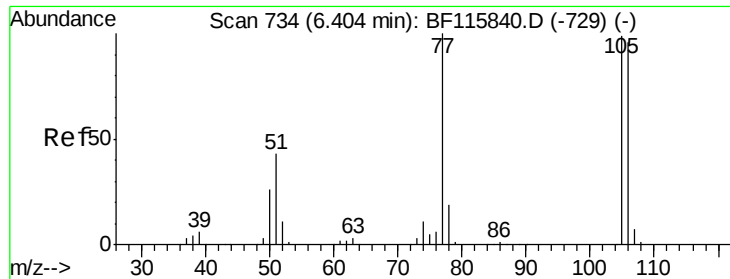
Ion Ratio Lower Upper

128 100

130 32.9 12.9 52.9

64 43.2 24.3 64.3





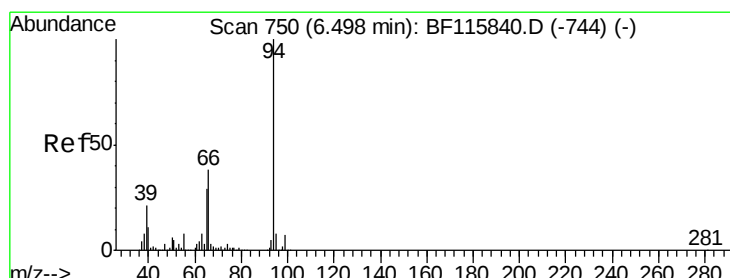
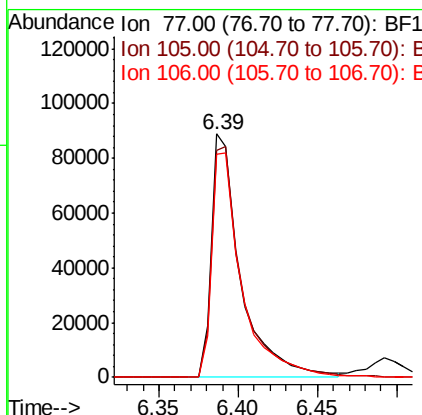
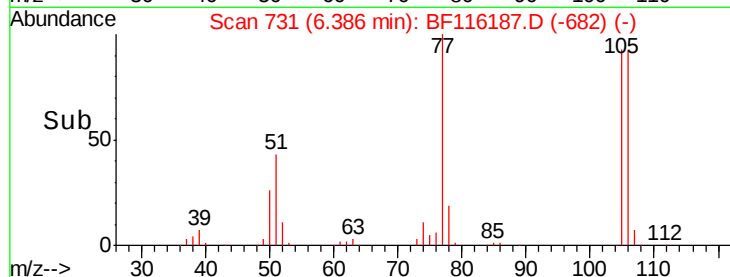
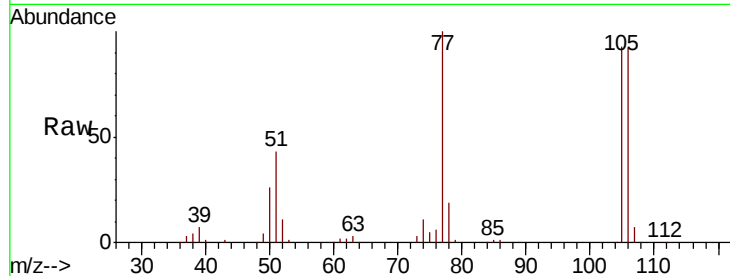
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Benzaldehyde
Concen: 16.100 ng
RT: 6.39 min Scan# 731
Delta R.T. -0.01 min
Lab File: BF116187.D
Acq: 12 Aug 2019 13:05

Instrument :
BNA_F
ClientSampleId :
PB122156BS

Tot Ion	Ratio	Lower	Upper
77	100		
105	93.0	79.2	119.2
106	91.7	74.3	114.3

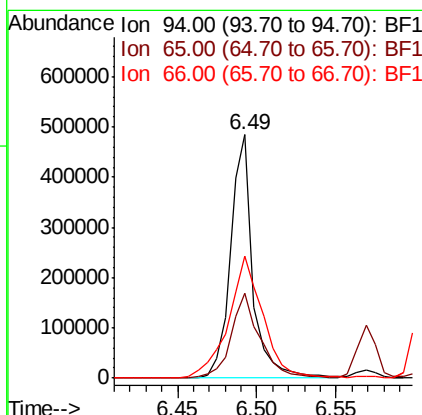
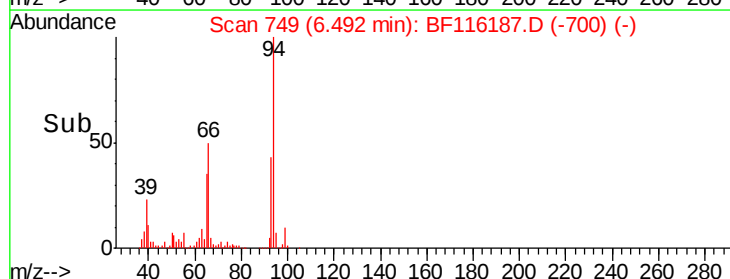
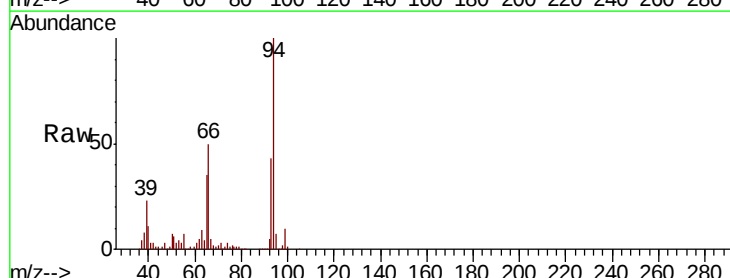
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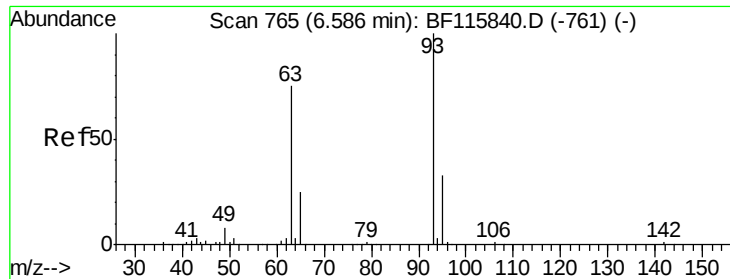
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#10
Phenol
Concen: 39.247 ng
RT: 6.49 min Scan# 749
Delta R.T. -0.01 min
Lab File: BF116187.D
Acq: 12 Aug 2019 13:05

Tgt Ion	Ratio	Lower	Upper
94	100		
65	34.7	16.8	56.8
66	50.1	34.2	74.2





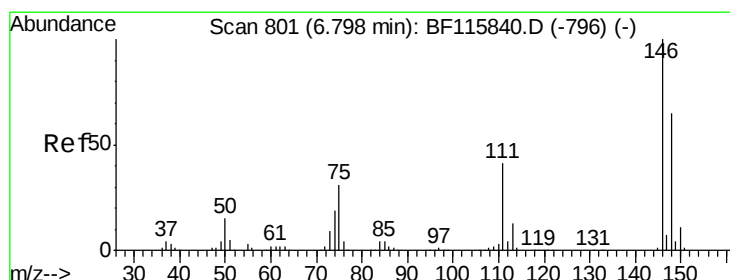
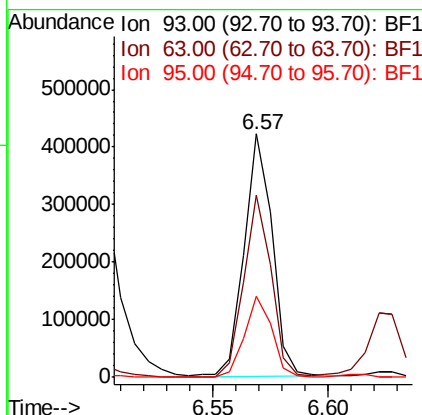
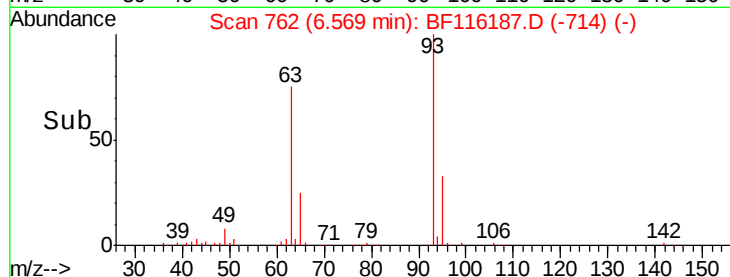
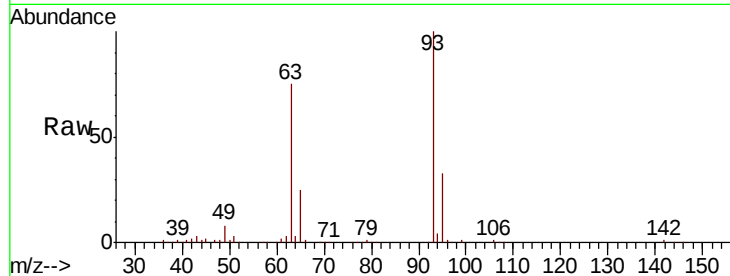
#11
bis(2-Chloroethyl)ether
Concen: 40.217 ng
RT: 6.57 min Scan# 762
Delta R.T. -0.02 min
Lab File: BF116187.D
Acq: 12 Aug 2019 13:05

Instrument :
BNA_F
ClientSampled :
PB122156BS

Tot Ion	Ratio	Resp	Lower	Upper
93	100	356942		
63	74.6		51.9	91.9
95	33.2		13.0	53.0

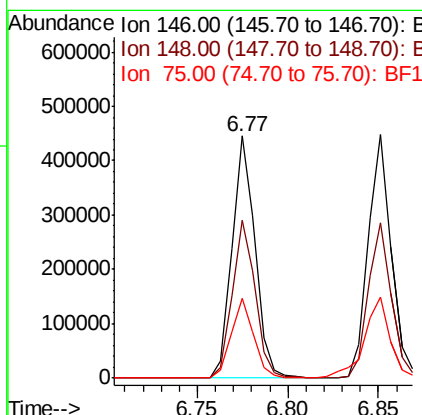
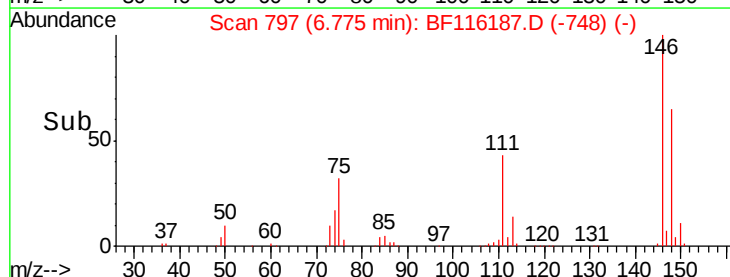
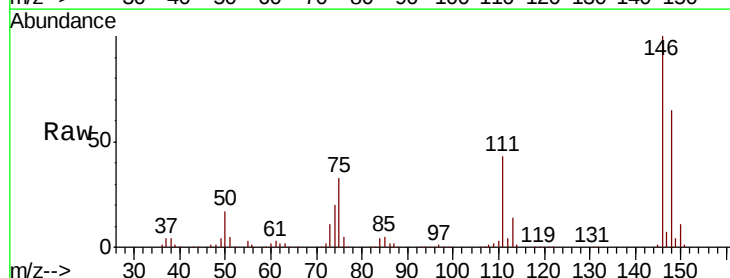
Manual Integrations
APPROVED

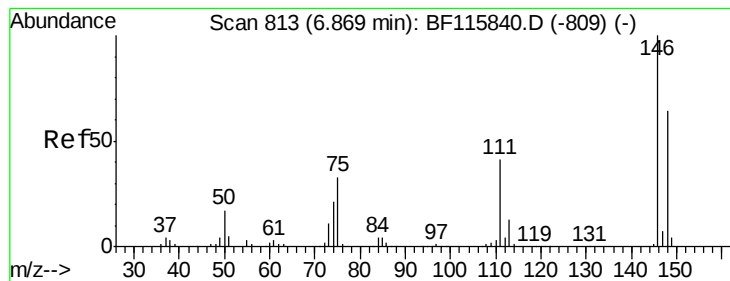
mohammad
8/14/2019 2:53:27 AM



#12
1,3-Dichlorobenzene
Concen: 38.043 ng
RT: 6.77 min Scan# 797
Delta R.T. -0.01 min
Lab File: BF116187.D
Acq: 12 Aug 2019 13:05

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	395020		
148	65.3		51.3	76.9
75	33.2		27.4	41.2





#13

1,4-Dichlorobenzene

Concen: 38.880 ng

RT: 6.85 min Scan# 810

Delta R.T. -0.01 min

Lab File: BF116187.D

Acq: 12 Aug 2019 13:05

Instrument :

BNA_F

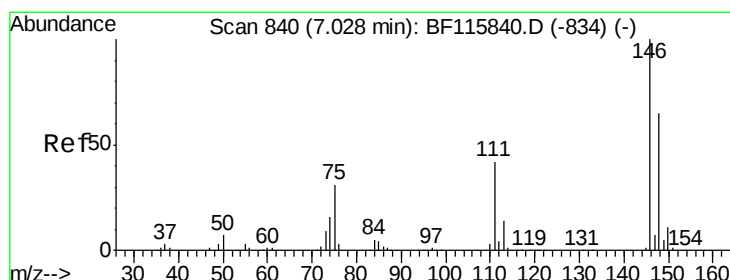
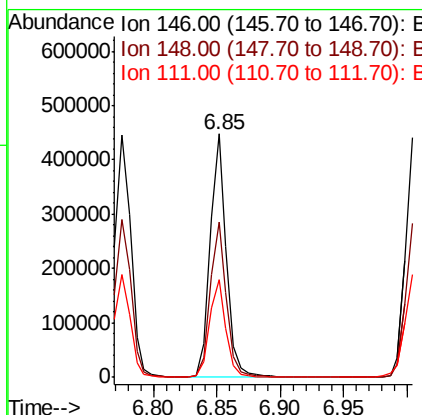
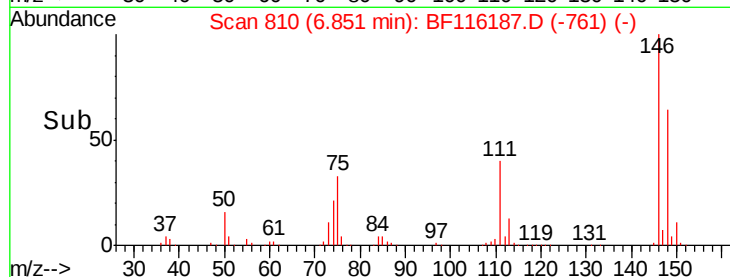
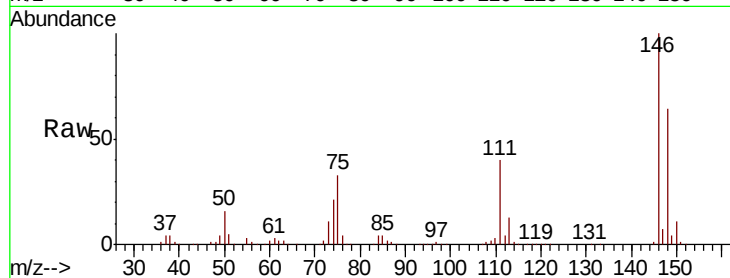
ClientSampleId :

PB122156BS

Tot Ion:	146	Resp:	404222
Ion Ratio	Lower	Upper	
146	100		
148	64.0	51.3	76.9
111	40.0	34.0	51.0

Manual Integrations
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#14

1,2-Dichlorobenzene

Concen: 38.812 ng

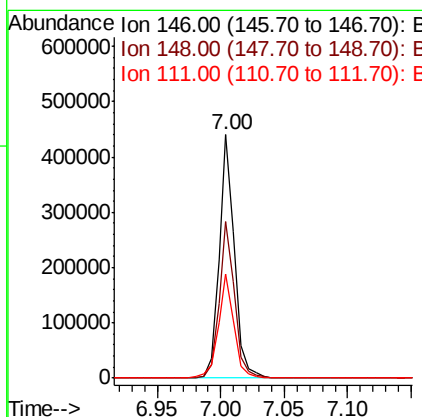
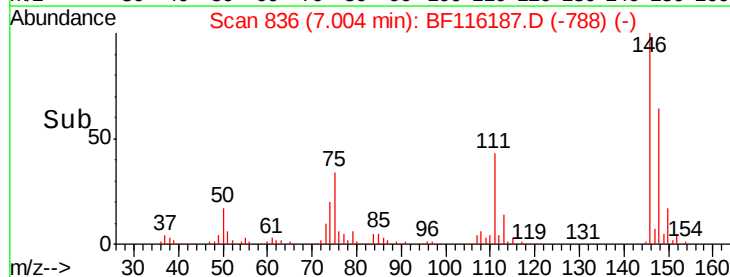
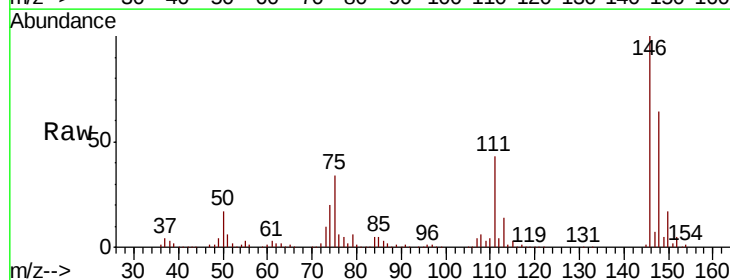
RT: 7.00 min Scan# 836

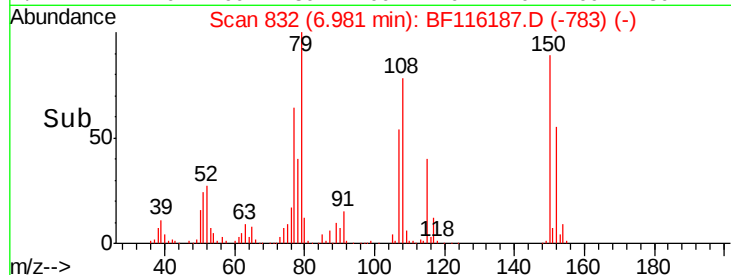
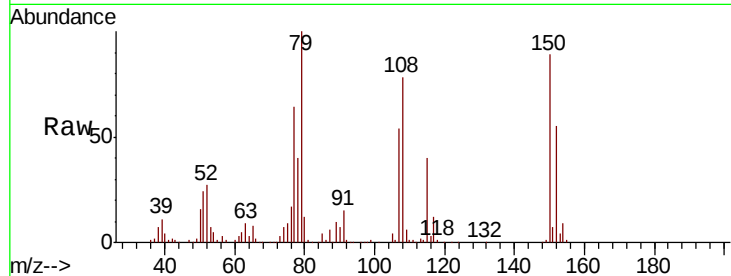
Delta R.T. -0.02 min

Lab File: BF116187.D

Acq: 12 Aug 2019 13:05

Tgt Ion:	146	Resp:	371558
Ion Ratio	Lower	Upper	
146	100		
148	64.1	51.2	76.8
111	42.7	33.5	50.3





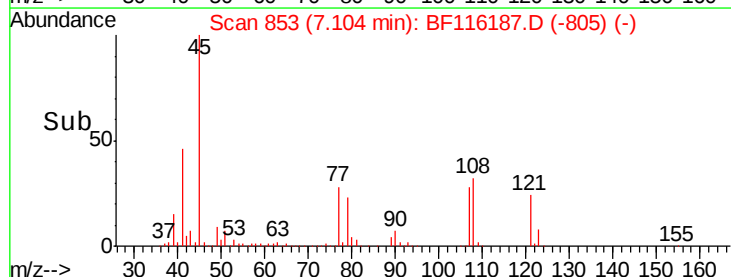
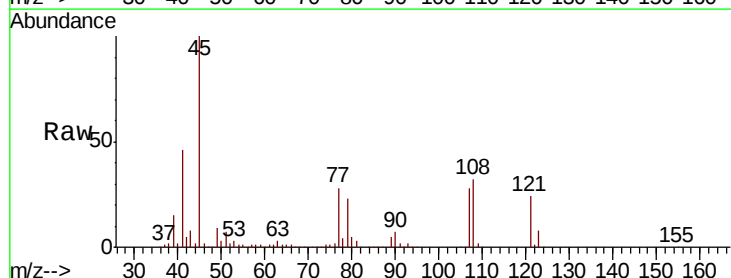
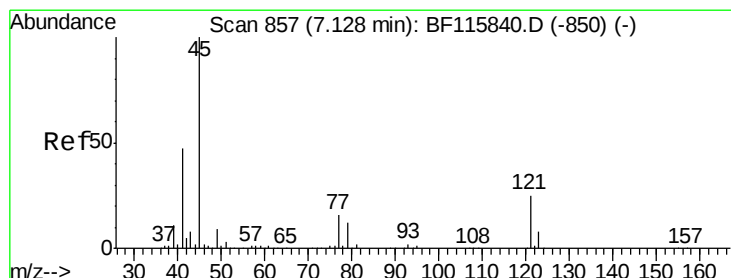
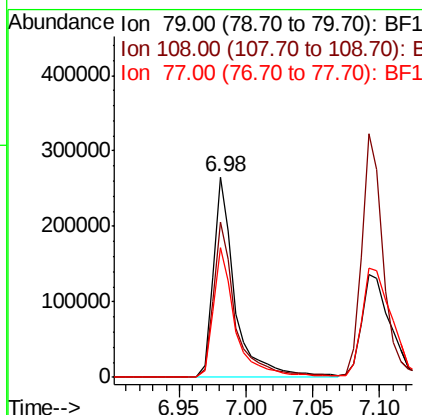
#15
Benzyl Alcohol
Concen: 39.154 ng
RT: 6.98 min Scan# 832
Delta R.T. -0.01 min
Lab File: BF116187.D
Acq: 12 Aug 2019 13:05

Tot Ion	Ratio	Lower	Upper
79	100		
108	77.6	62.7	94.1
77	64.5	52.2	78.2

Instrument :
BNA_F
ClientSampleId :
PB122156BS

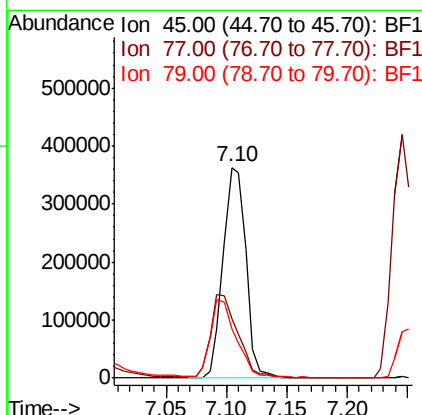
Manual Integrations
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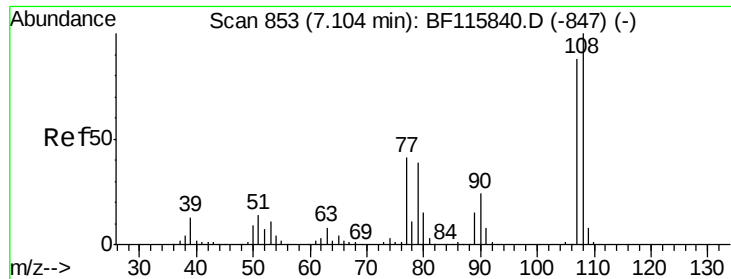
mohammad
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.372 ng
RT: 7.10 min Scan# 853
Delta R.T. -0.02 min
Lab File: BF116187.D
Acq: 12 Aug 2019 13:05

Tgt Ion	Ratio	Lower	Upper
45	100		
77	28.0	0.0	40.0
79	23.5	0.0	35.9





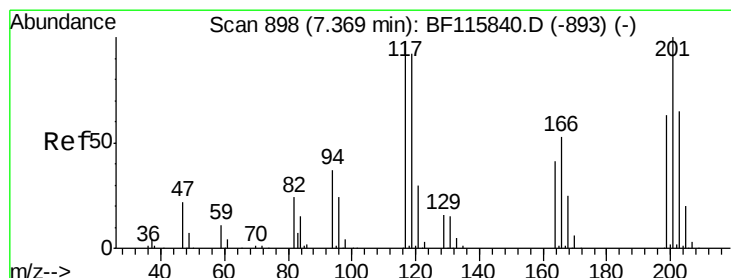
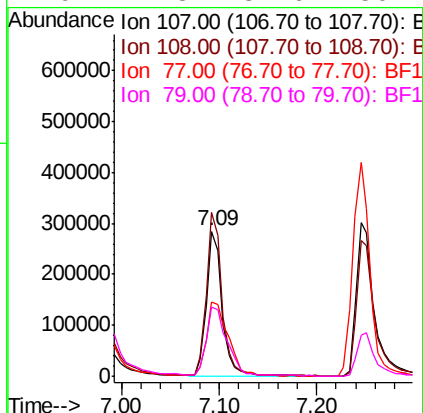
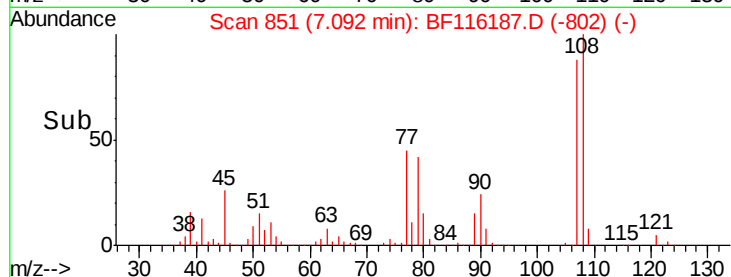
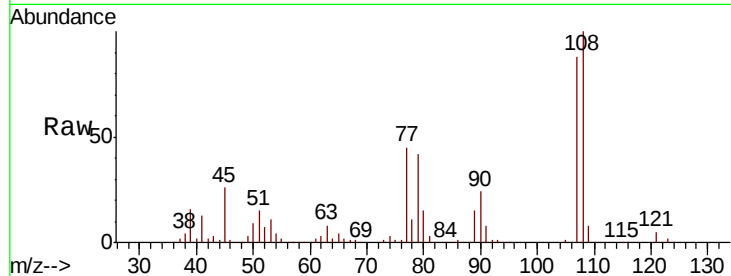
#17
2-Methylphenol
Concen: 41.468 ng
RT: 7.09 min Scan# 851
Delta R.T. -0.01 min
Lab File: BF116187.D
Acq: 12 Aug 2019 13:05

Instrument :
BNA_F
ClientSampleId :
PB122156BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	113.5	91.2	136.8	
77	51.0	40.3	60.5	
79	47.8	37.6	56.4	

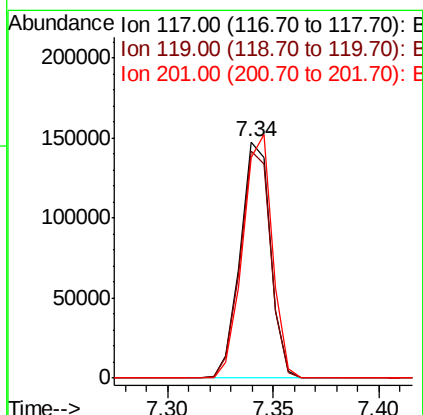
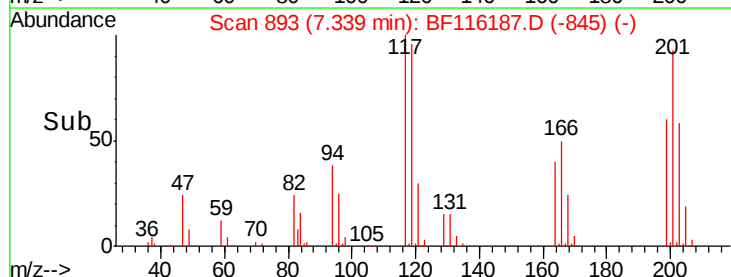
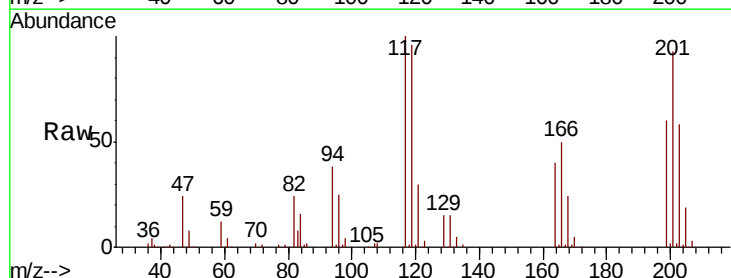
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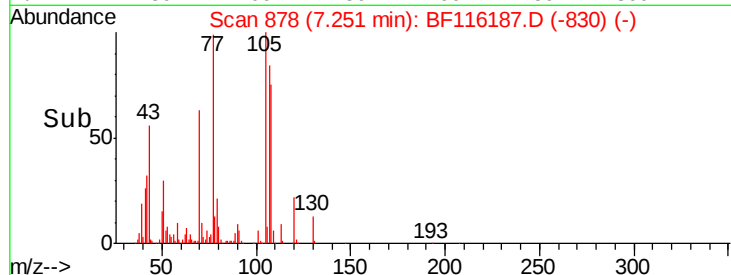
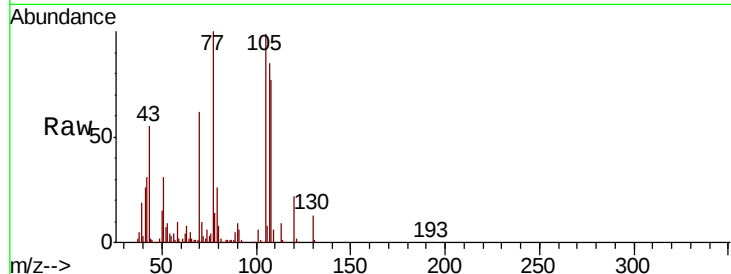
mohammad
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#18
Hexachloroethane
Concen: 38.307 ng
RT: 7.34 min Scan# 893
Delta R.T. -0.02 min
Lab File: BF116187.D
Acq: 12 Aug 2019 13:05

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	95.8	76.1	114.1	
201	93.4	77.0	115.4	





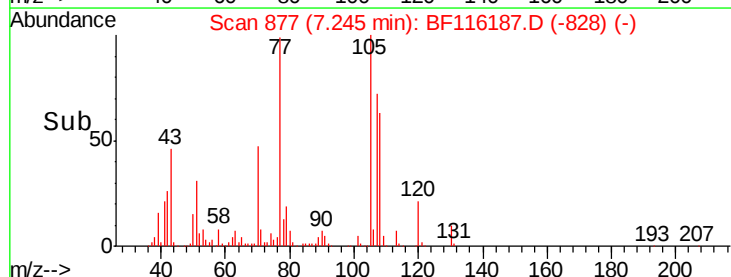
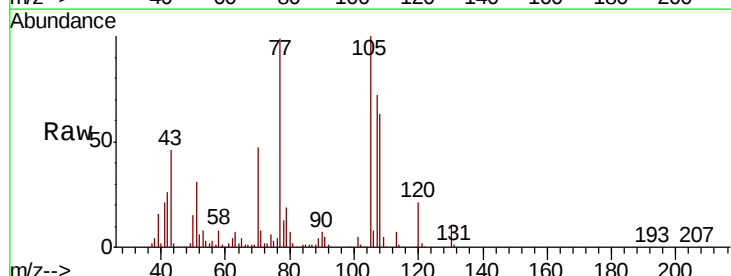
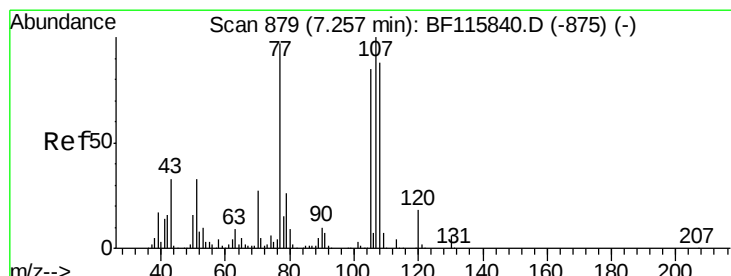
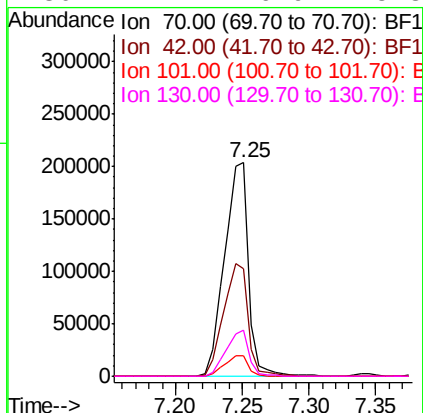
#19
n-Nitroso-di-n-propylamine
Concen: 40.713 ng
RT: 7.25 min Scan# 878
Delta R.T. -0.02 min
Lab File: BF116187.D
Acq: 12 Aug 2019 13:05

Instrument :
BNA_F
ClientSampleId :
PB122156BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100		258626		
42	50.6	40.9	61.3		
101	9.9	7.9	11.9		
130	21.4	16.9	25.3		

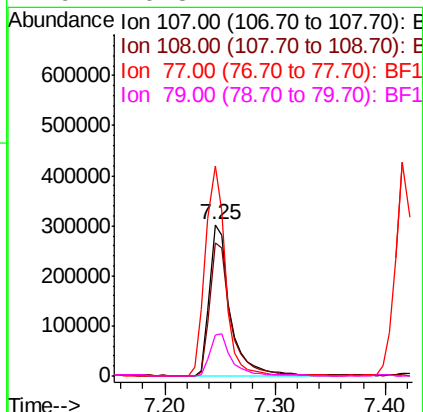
Manual Integrations
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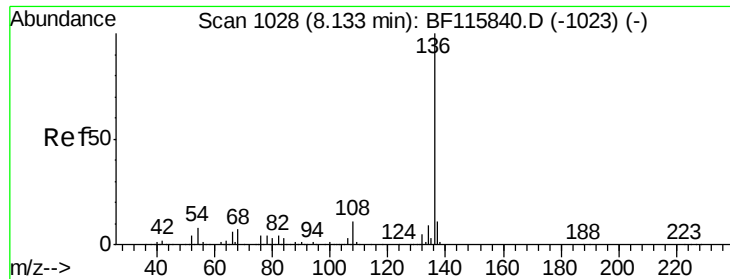
mohammad
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#20
3+4-Methylphenols
Concen: 42.681 ng
RT: 7.25 min Scan# 877
Delta R.T. -0.01 min
Lab File: BF116187.D
Acq: 12 Aug 2019 13:05

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		384251		
108	88.1	67.6	107.6		
77	138.6	104.4	144.4		
79	26.8	7.4	47.4		





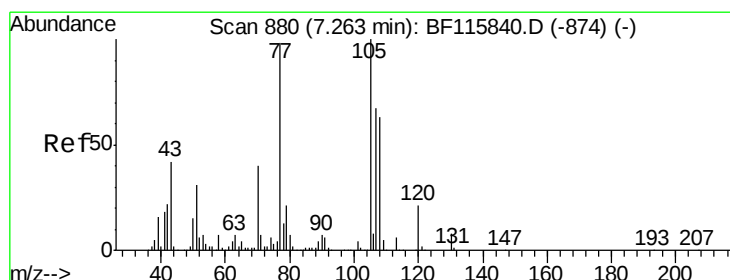
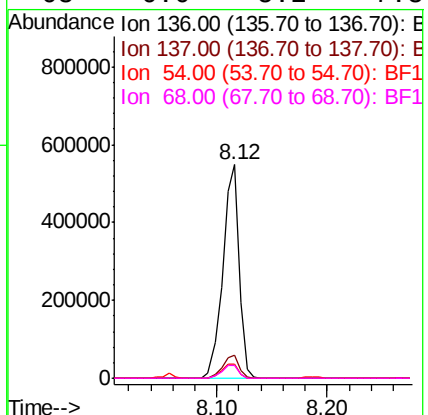
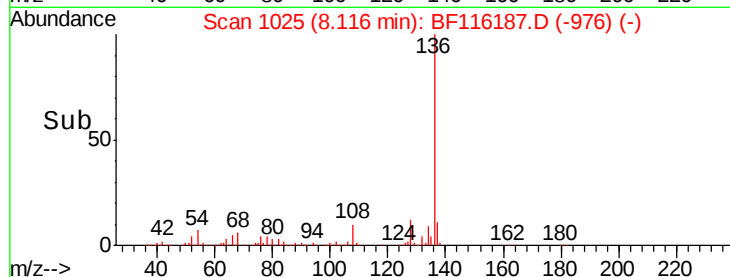
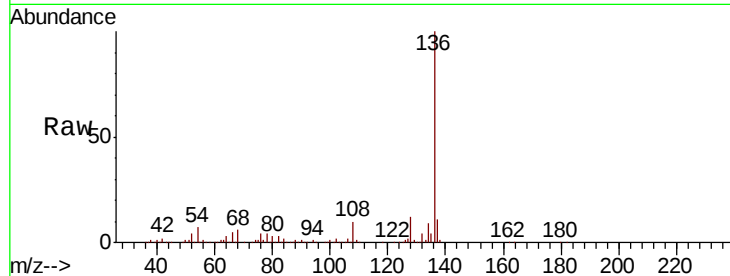
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.12 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BF116187.D
Acq: 12 Aug 2019 13:05

Instrument :
BNA_F
ClientSampleId :
PB122156BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	564043		
137	10.8		9.0	13.4
54	6.6		5.8	8.6
68	6.0		5.2	7.8

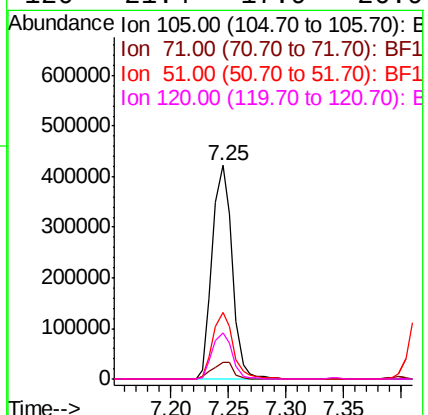
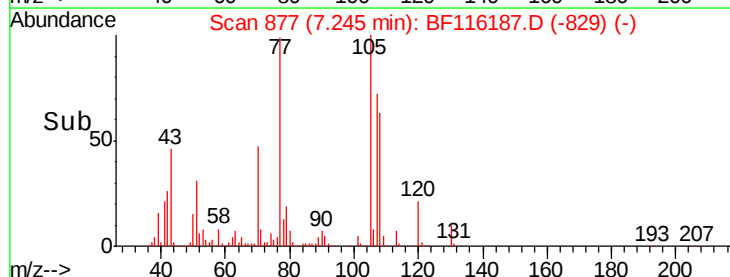
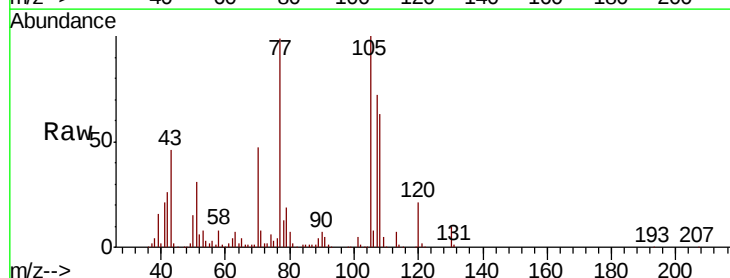
Manual Integrations
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#22
Acetophenone
Concen: 41.321 ng
RT: 7.25 min Scan# 877
Delta R.T. -0.02 min
Lab File: BF116187.D
Acq: 12 Aug 2019 13:05

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	511147		
71	7.9		5.9	8.9
51	31.4		25.3	37.9
120	21.4		17.9	26.9





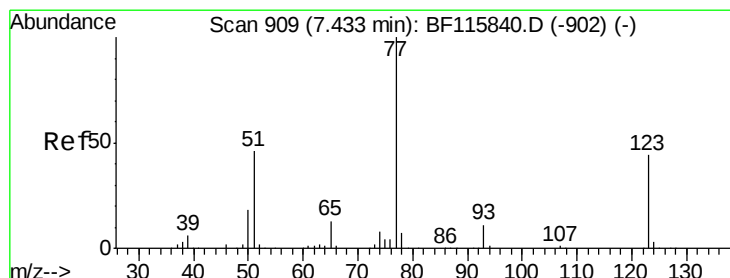
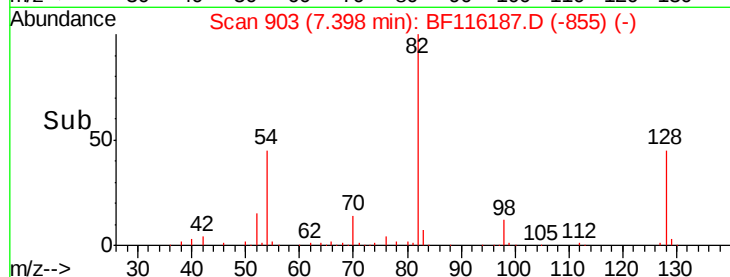
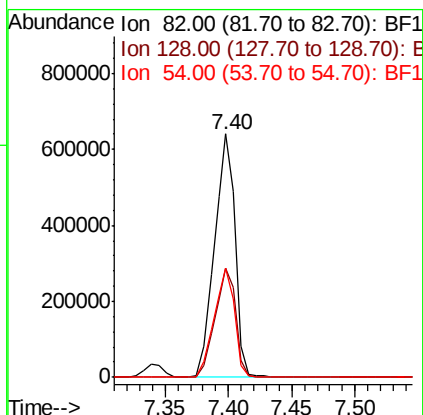
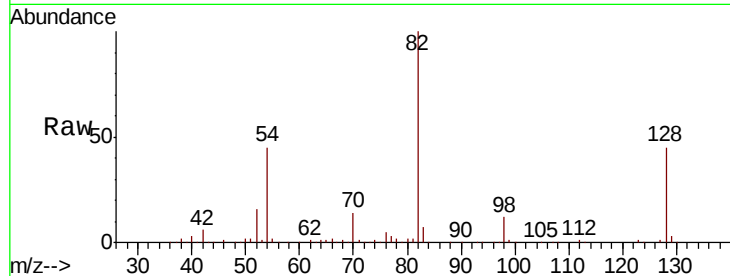
#23
 Nitrobenzene-d5
 Concen: 75.029 ng
 RT: 7.40 min Scan# 903
 Delta R.T. -0.02 min
 Lab File: BF116187.D
 Acq: 12 Aug 2019 13:05

Instrument :
 BNA_F
 ClientSampleId :
 PB122156BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	44.8	36.5	54.7
54	45.0	36.0	54.0

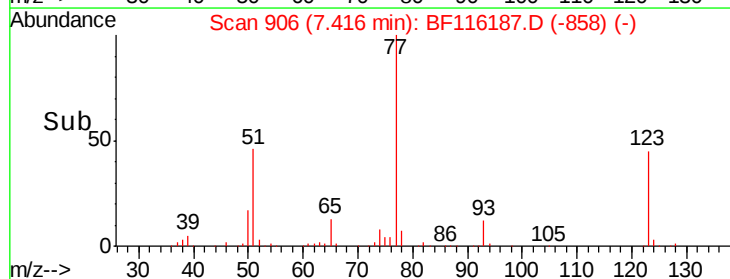
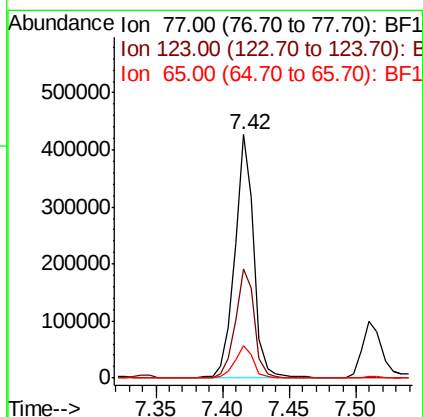
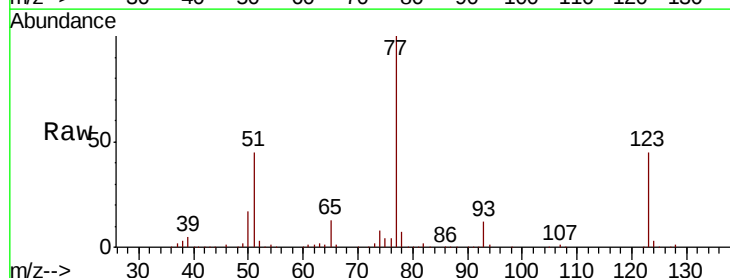
Manual Integrations
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#24
 Nitrobenzene
 Concen: 39.954 ng
 RT: 7.42 min Scan# 906
 Delta R.T. -0.02 min
 Lab File: BF116187.D
 Acq: 12 Aug 2019 13:05

Tgt Ion	Ratio	Lower	Upper
77	100		
123	44.8	36.7	55.1
65	13.1	10.6	16.0





#25

Isophorone

Concen: 41.165 ng

RT: 7.66 min Scan# 947

Delta R.T. -0.02 min

Lab File: BF116187.D

Acq: 12 Aug 2019 13:05

Instrument :

BNA_F

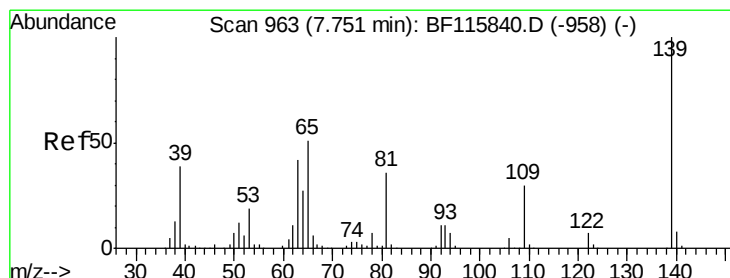
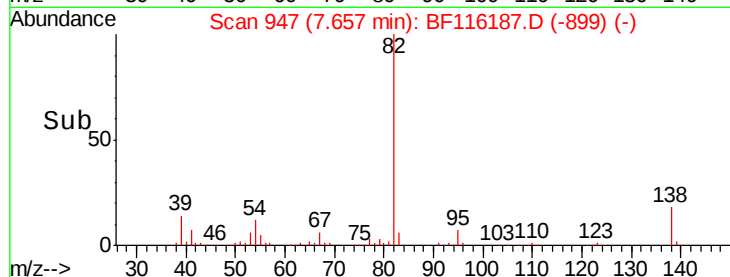
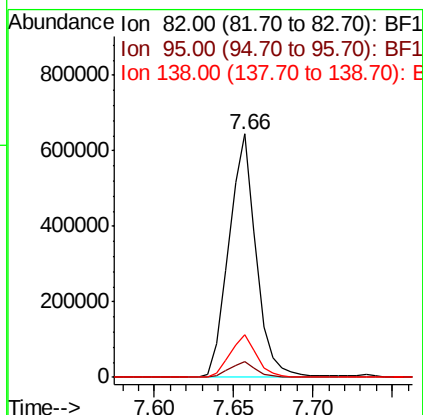
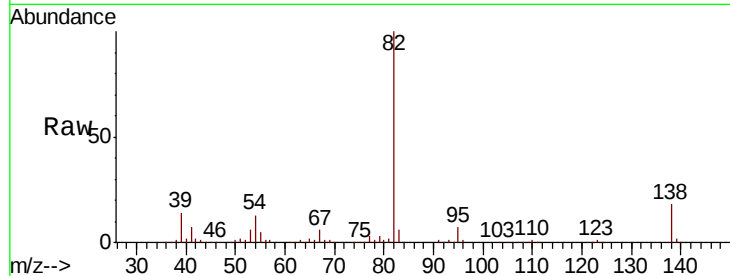
ClientSampleId :

PB122156BS

Tot Ion:	82	Resp:	769162
Ion Ratio	Lower	Upper	
82	100		
95	6.7	5.4	8.0
138	17.5	14.5	21.7

Manual Integrations
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#26

2-Nitrophenol

Concen: 41.945 ng

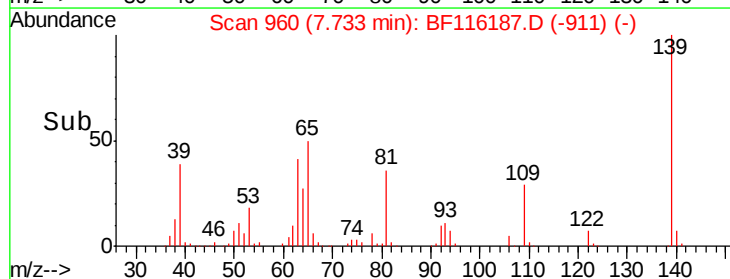
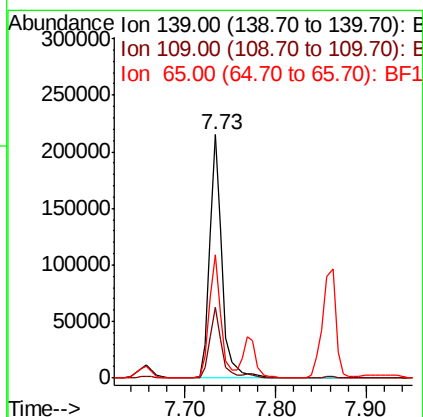
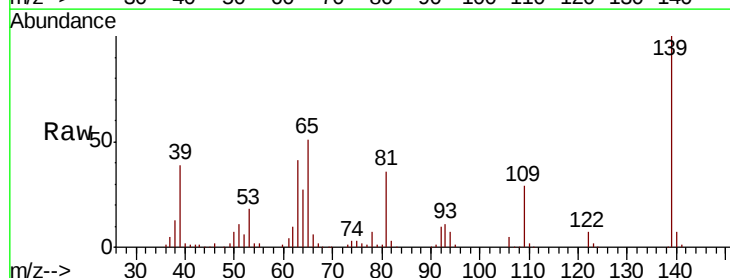
RT: 7.73 min Scan# 960

Delta R.T. -0.01 min

Lab File: BF116187.D

Acq: 12 Aug 2019 13:05

Tgt Ion:	139	Resp:	208616
Ion Ratio	Lower	Upper	
139	100		
109	29.0	23.4	35.2
65	50.5	41.1	61.7





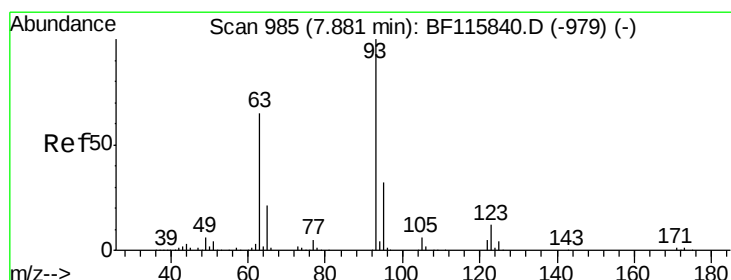
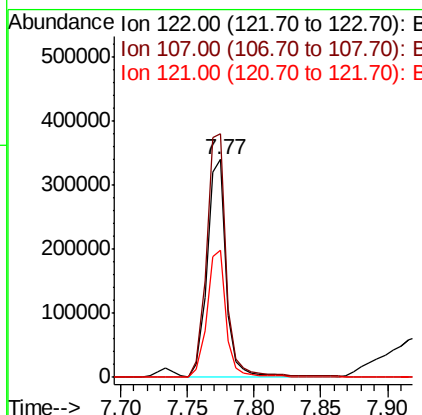
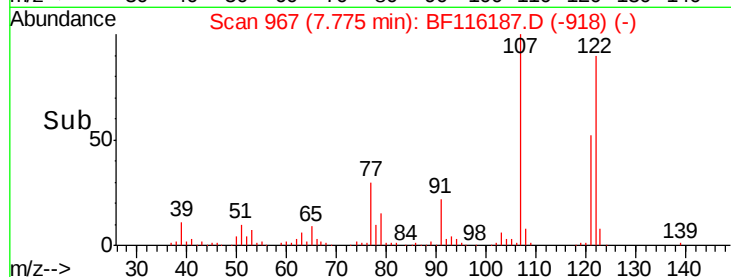
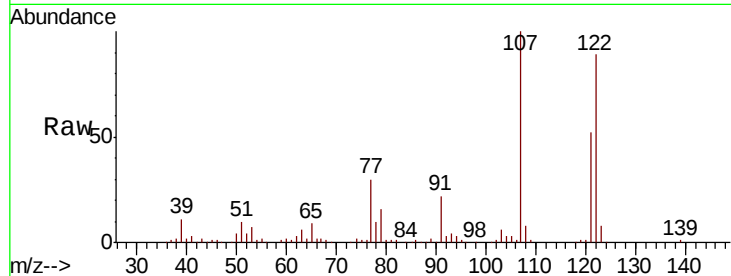
#27
 2,4-Dimethylphenol
 Concen: 45.620 ng
 RT: 7.77 min Scan# 967
 Delta R.T. -0.01 min
 Lab File: BF116187.D
 Acq: 12 Aug 2019 13:05

Instrument :
 BNA_F
 ClientSampleId :
 PB122156BS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	341359		
107	111.9	93.0	139.6	
121	58.5	47.6	71.4	

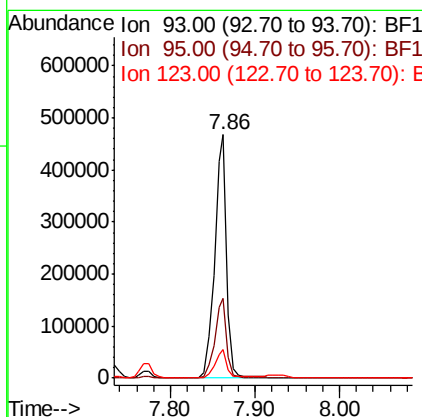
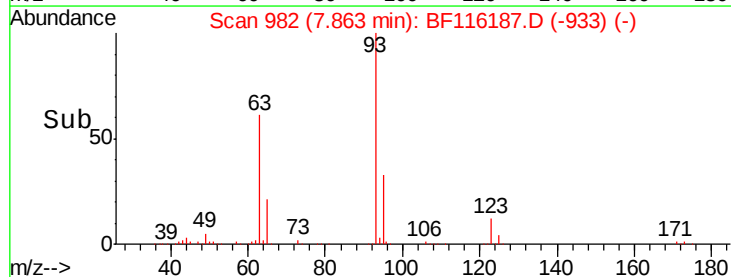
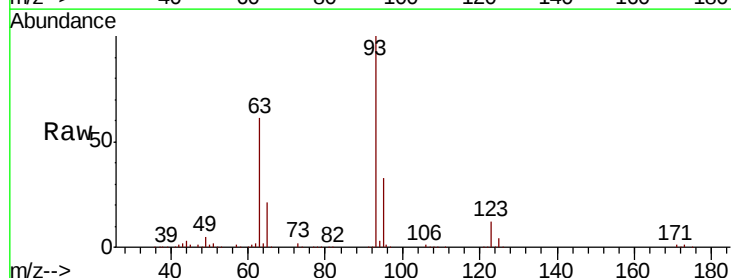
Manual Integrations
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#28
 bis(2-Chloroethoxy)methane
 Concen: 40.995 ng
 RT: 7.86 min Scan# 982
 Delta R.T. -0.01 min
 Lab File: BF116187.D
 Acq: 12 Aug 2019 13:05

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	474768		
95	32.7	26.2	39.4	
123	11.9	9.2	13.8	





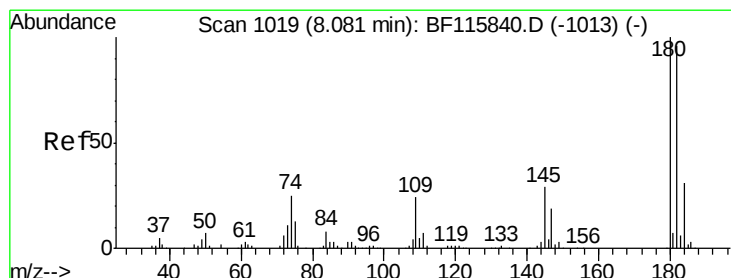
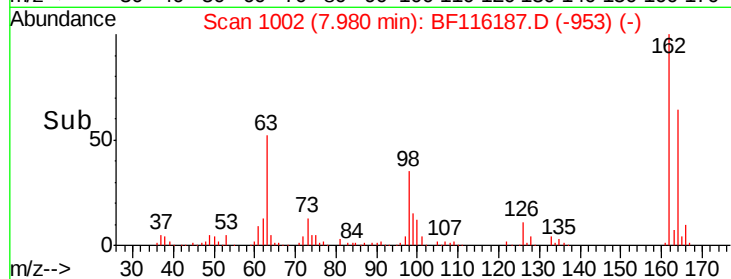
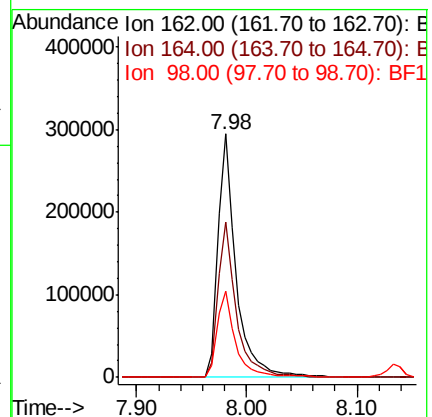
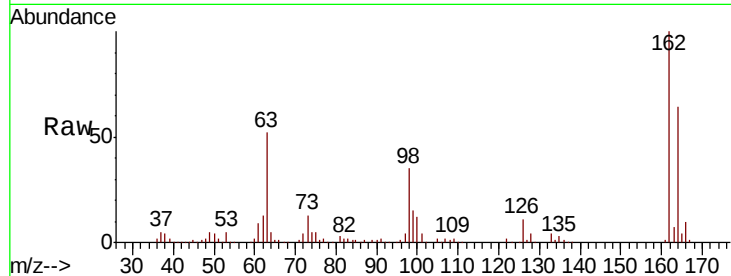
#29
2,4-Dichlorophenol
Concen: 42.124 ng
RT: 7.98 min Scan# 1002
Delta R.T. -0.01 min
Lab File: BF116187.D
Acq: 12 Aug 2019 13:05

Instrument :
BNA_F
ClientSampleId :
PB122156BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	332804		
164	63.9	45.1	85.1	
98	35.2	15.8	55.8	

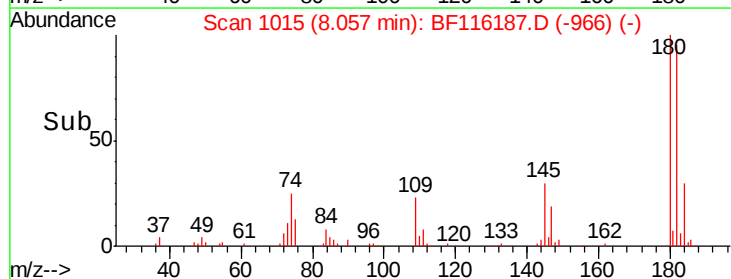
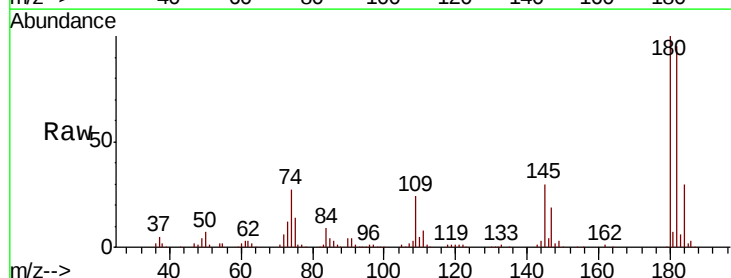
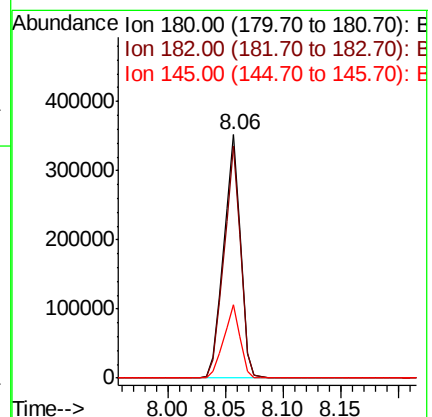
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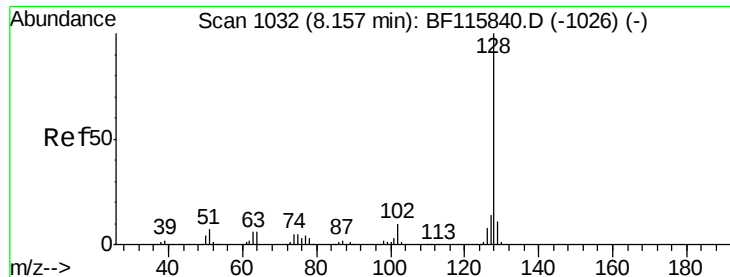
mohammad
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#30
1,2,4-Trichlorobenzene
Concen: 39.641 ng
RT: 8.06 min Scan# 1015
Delta R.T. -0.01 min
Lab File: BF116187.D
Acq: 12 Aug 2019 13:05

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	357006		
182	95.3	75.7	113.5	
145	30.0	24.3	36.5	





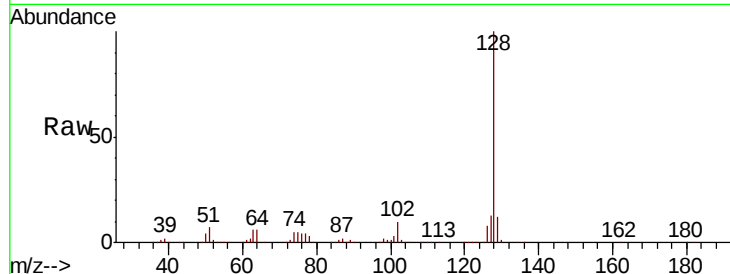
#31
Naphthalene
Concen: 41.408 ng
RT: 8.13 min Scan# 1028
Delta R.T. -0.02 min
Lab File: BF116187.D
Acq: 12 Aug 2019 13:05

Instrument :
BNA_F
ClientSampleId :
PB122156BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.6	9.3	13.9
127	13.3	11.4	17.0

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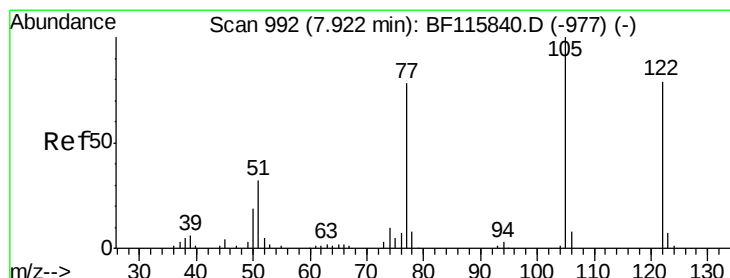
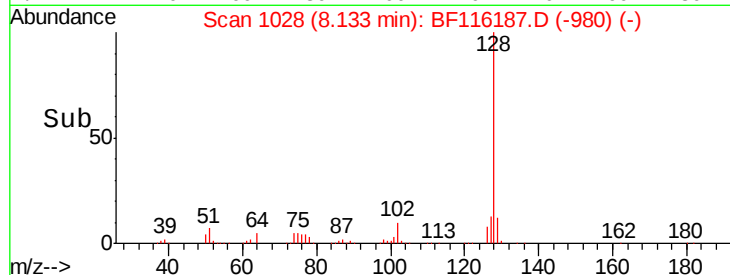
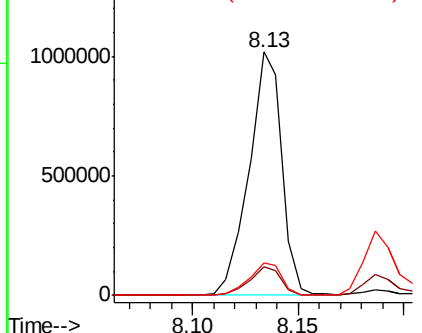


Abundance

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: 36.277 ng
RT: 7.93 min Scan# 993
Delta R.T. -0.02 min
Lab File: BF116187.D
Acq: 12 Aug 2019 13:05

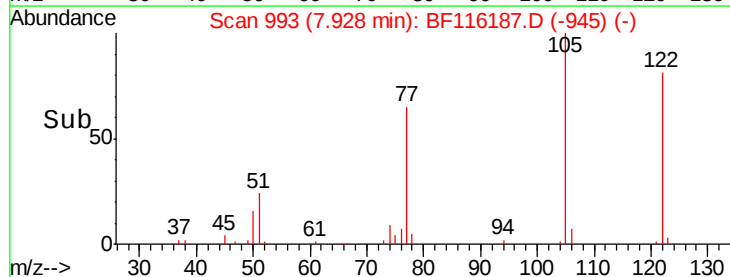
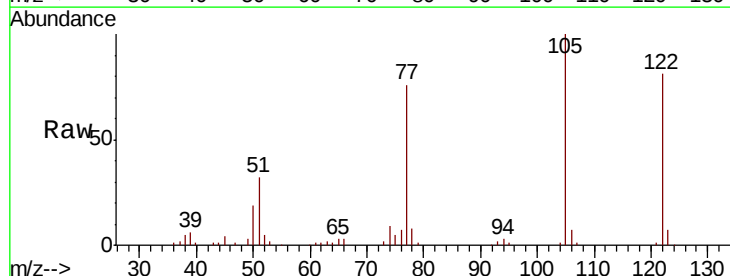
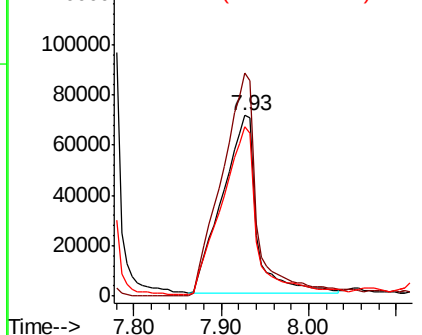
Tgt Ion	Ratio	Lower	Upper
122	100		
105	124.1	106.1	146.1
77	93.8	76.7	116.7

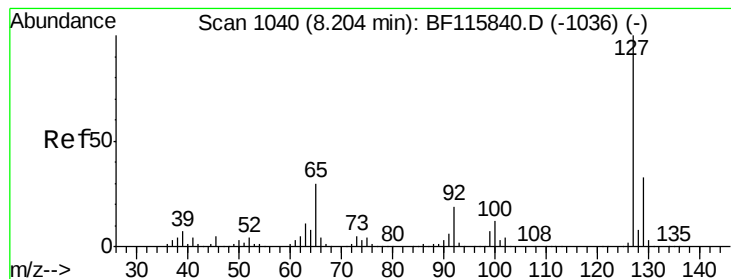
Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





#33

4-Chloroaniline

Concen: 26.972 ng

RT: 8.19 min Scan# 1037

Delta R.T. -0.01 min

Lab File: BF116187.D

Acq: 12 Aug 2019 13:05

Instrument :

BNA_F

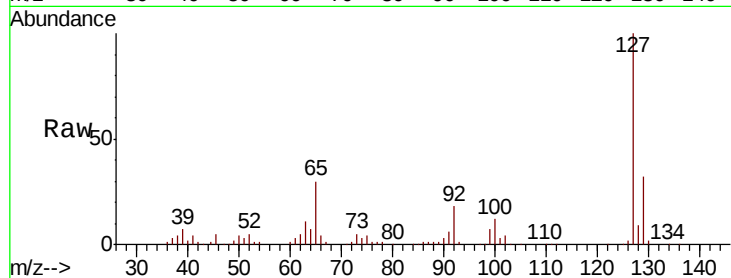
ClientSampleId :

PB122156BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		319872		
129	32.3	26.1	39.1		
65	30.4	24.9	37.3		
92	18.1	15.7	23.5		

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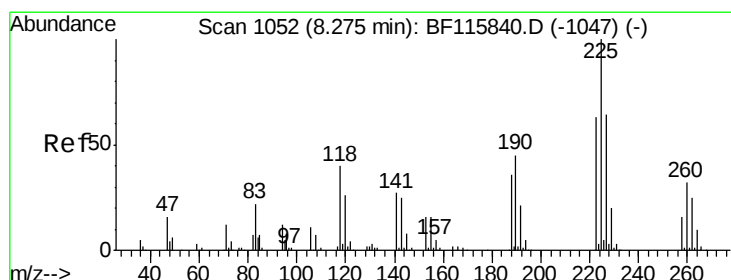
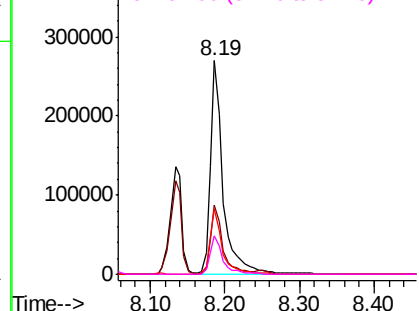
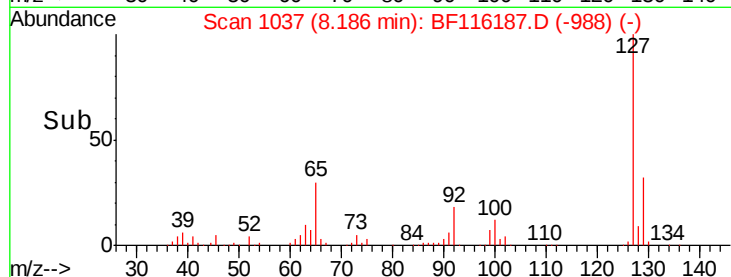
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34

Hexachlorobutadiene

Concen: 38.119 ng

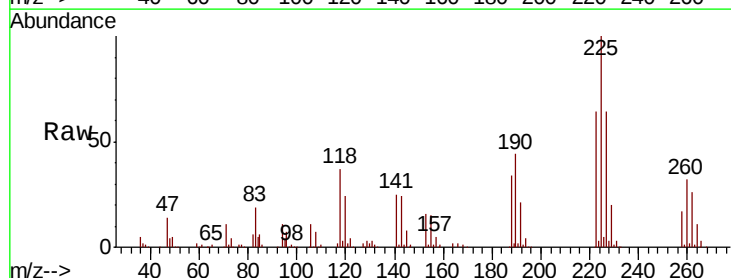
RT: 8.25 min Scan# 1048

Delta R.T. -0.02 min

Lab File: BF116187.D

Acq: 12 Aug 2019 13:05

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		197741		
223	64.3	50.0	75.0		
227	64.0	51.0	76.4		

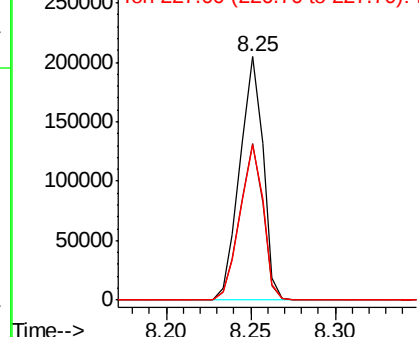
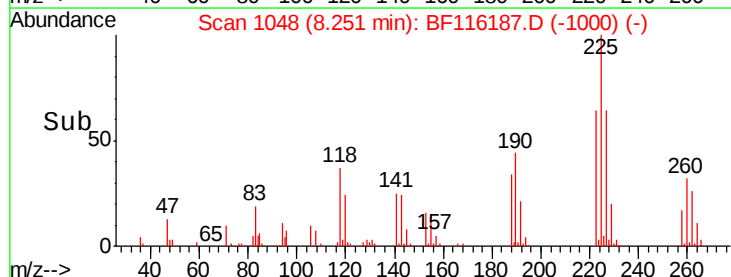


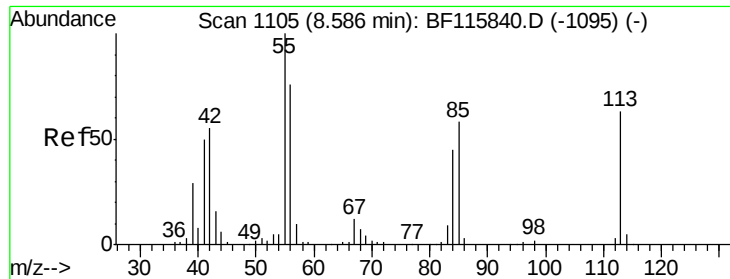
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





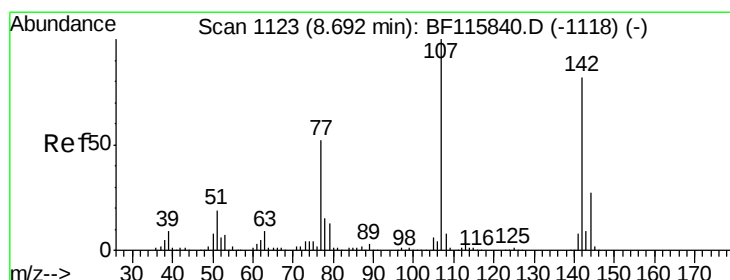
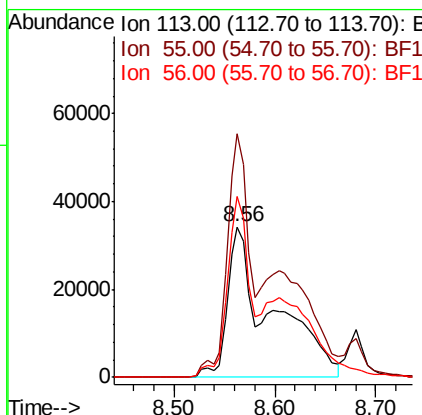
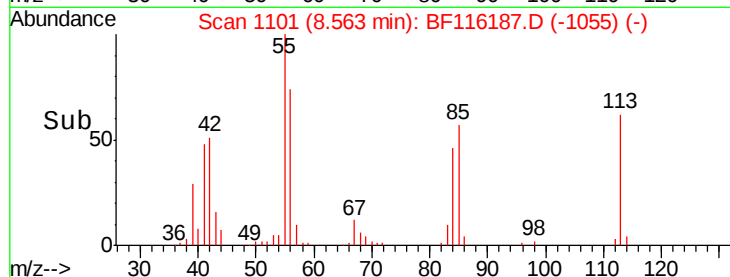
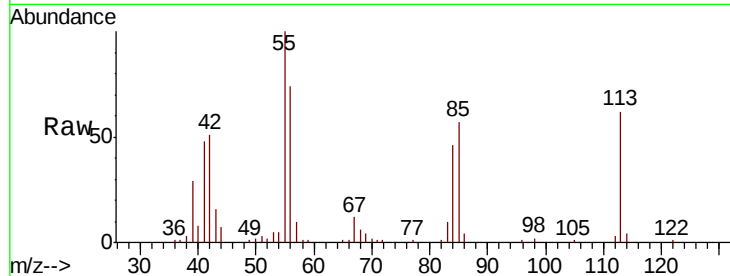
#35
Caprolactam
Concen: 40.913 ng/ml
RT: 8.56 min Scan# 1101
Delta R.T. -0.03 min
Lab File: BF116187.D
Acq: 12 Aug 2019 13:05

Instrument :
BNA_F
ClientSampleId :
PB122156BS

Tot Ion	Ratio	Lower	Upper
113	100		
55	161.8	144.3	184.3
56	120.2	97.1	137.1

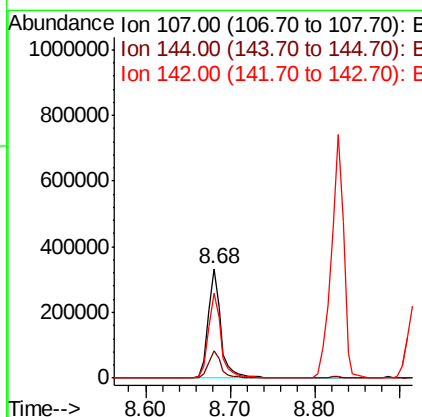
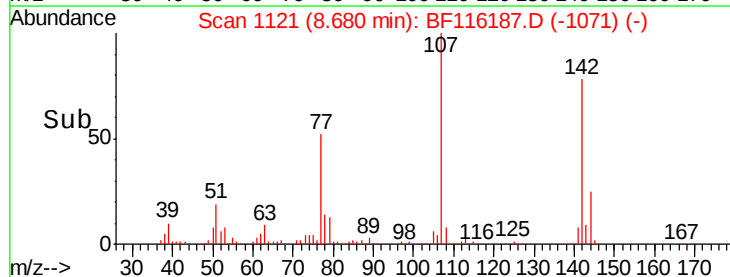
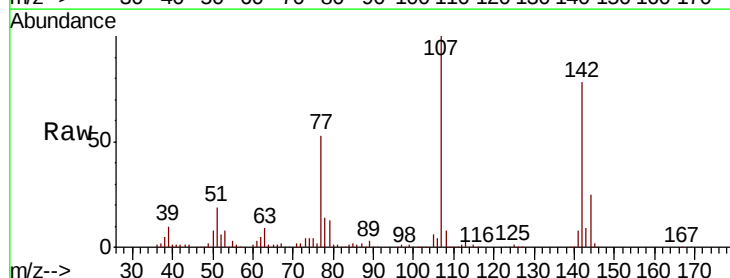
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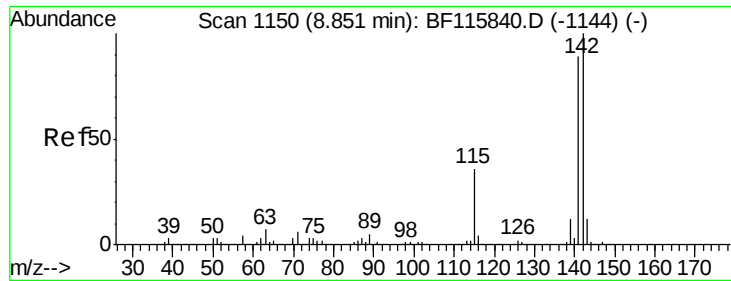
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#36
4-Chloro-3-methylphenol
Concen: 42.726 ng/ml
RT: 8.68 min Scan# 1121
Delta R.T. -0.01 min
Lab File: BF116187.D
Acq: 12 Aug 2019 13:05

Tgt Ion	Ratio	Lower	Upper
107	100		
144	25.4	20.2	30.2
142	77.9	61.7	92.5





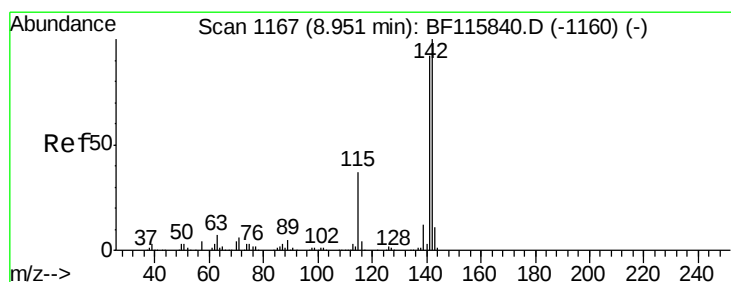
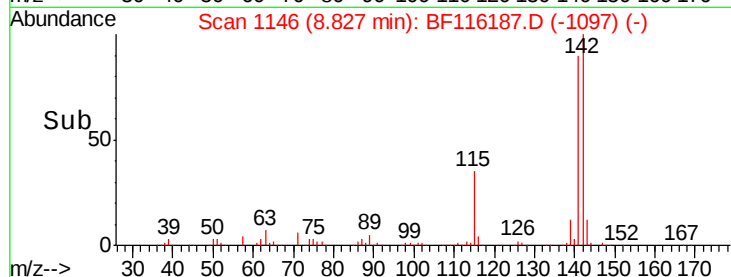
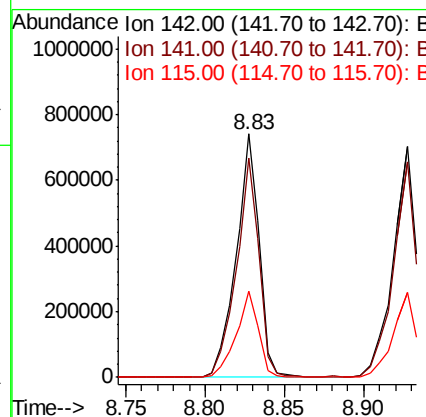
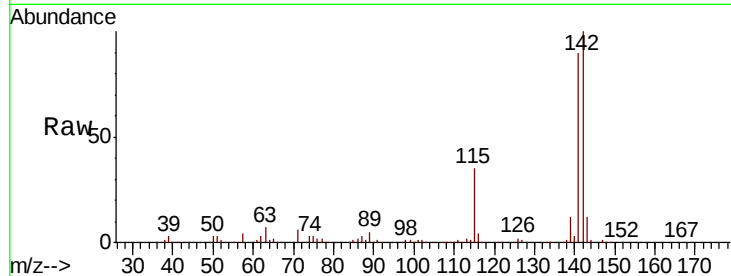
#37
2-Methylnaphthalene
Concen: 42.287 ng
RT: 8.83 min Scan# 1146
Delta R.T. -0.01 min
Lab File: BF116187.D
Acq: 12 Aug 2019 13:05

Instrument :
BNA_F
ClientSampleId :
PB122156BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.0	70.9	106.3
115	35.1	29.0	43.6

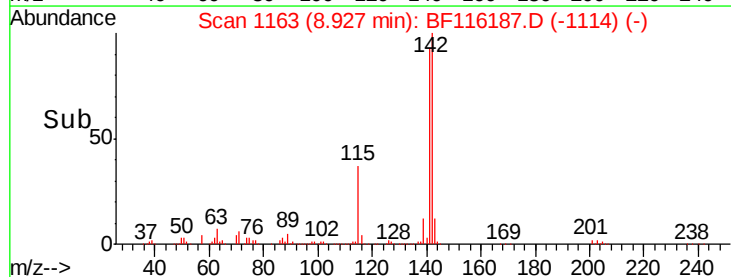
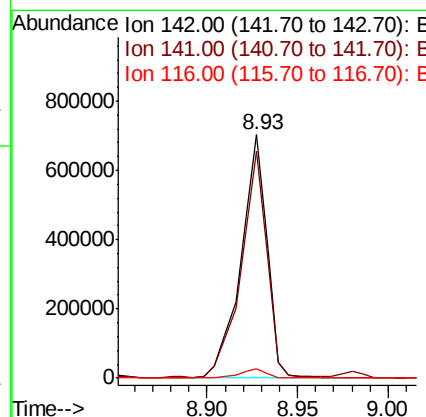
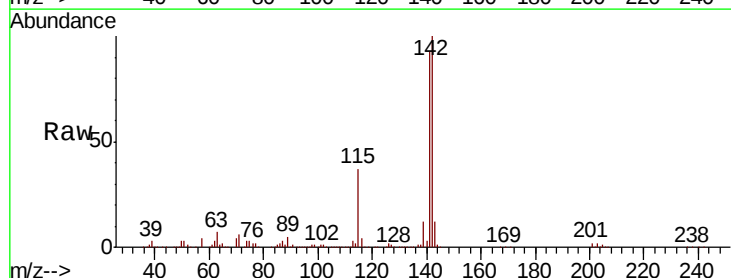
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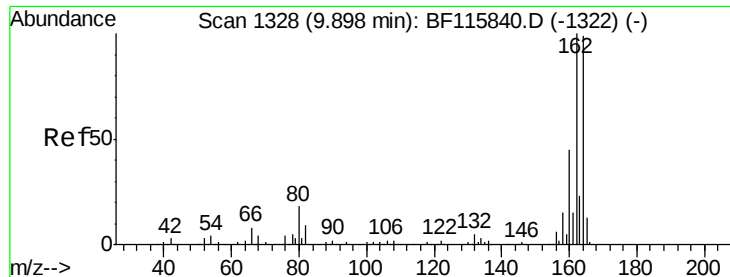
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#38
1-Methylnaphthalene
Concen: 42.207 ng
RT: 8.93 min Scan# 1163
Delta R.T. -0.01 min
Lab File: BF116187.D
Acq: 12 Aug 2019 13:05

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.0	74.4	111.6
116	3.8	3.1	4.7





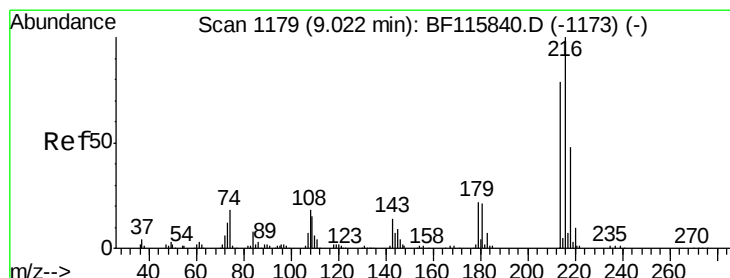
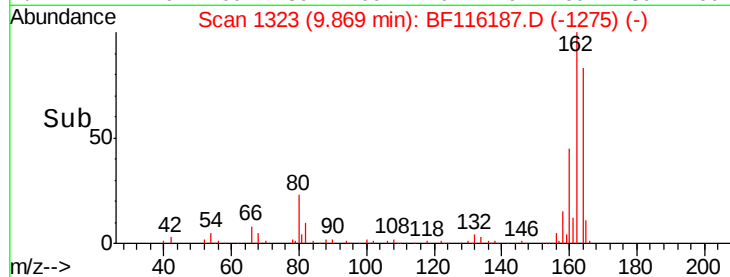
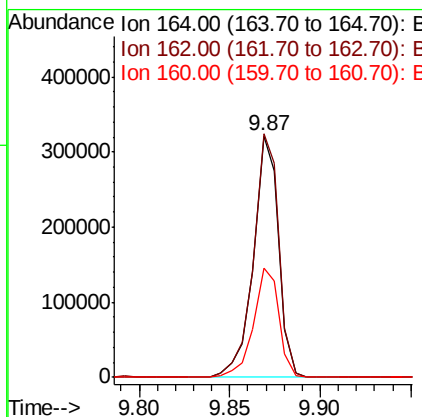
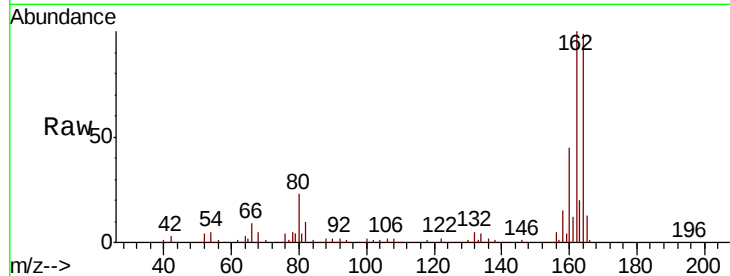
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.87 min Scan# 1323
 Delta R.T. -0.02 min
 Lab File: BF116187.D
 Acq: 12 Aug 2019 13:05

Instrument :
 BNA_F
 ClientSampleId :
 PB122156BS

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	101.0	82.6	124.0	
160	45.3	37.6	56.4	

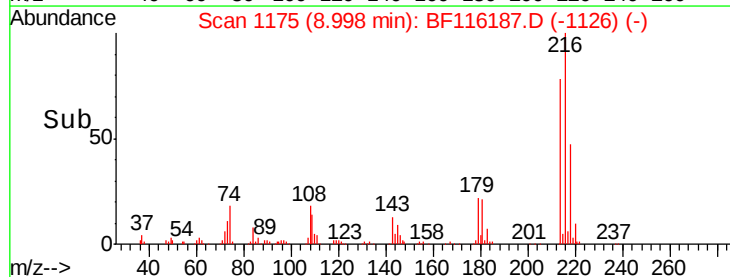
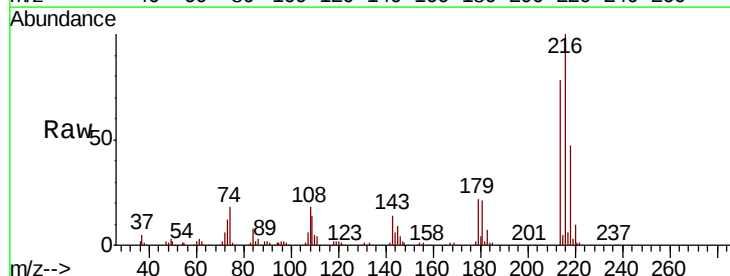
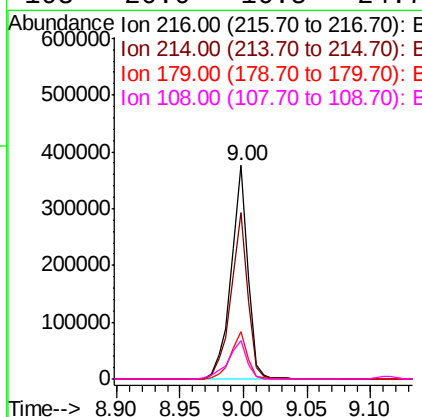
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#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 41.130 ng
 RT: 9.00 min Scan# 1175
 Delta R.T. -0.01 min
 Lab File: BF116187.D
 Acq: 12 Aug 2019 13:05

Tgt Ion	Ratio	Resp	Lower	Upper
216	100			
214	78.7	63.6	95.4	
179	22.0	17.8	26.8	
108	20.0	16.5	24.7	





#41

Hexachlorocyclopentadiene

Concen: 39.050 ng

RT: 8.98 min Scan# 1172

Delta R.T. -0.01 min

Lab File: BF116187.D

Acq: 12 Aug 2019 13:05

Instrument :

BNA_F

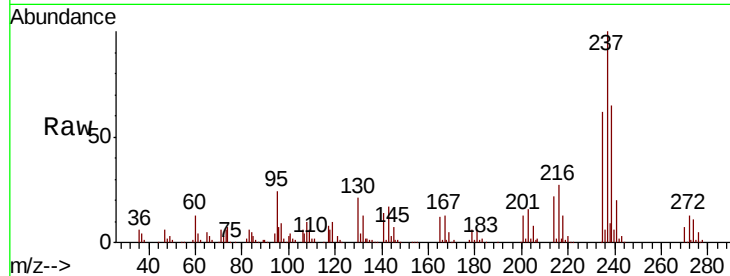
ClientSampleId :

PB122156BS

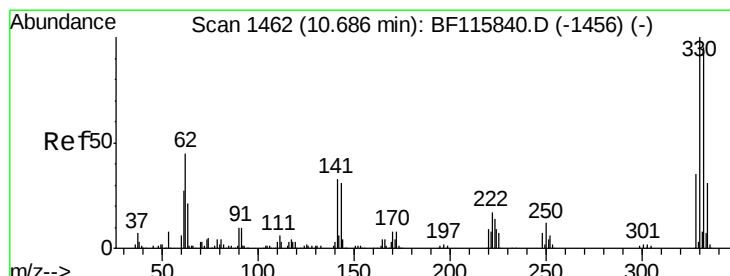
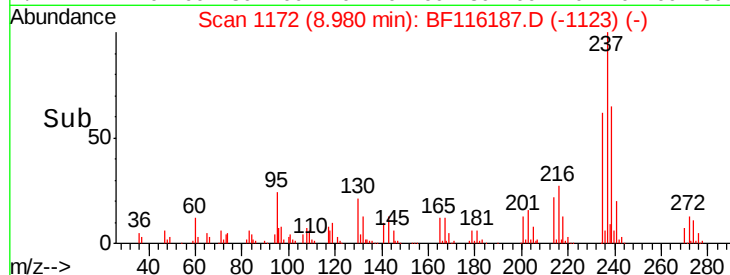
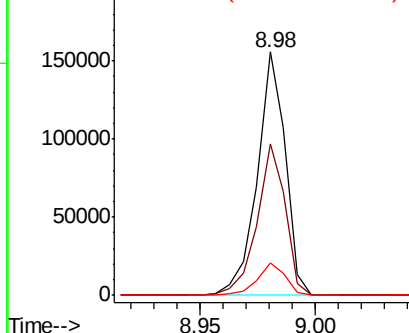
Tot Ion	Ion	Ratio	Resp	Lower	Upper
237	100				
235	62.3		43.4	83.4	
272	13.5		0.0	33.2	

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



#42

2,4,6-Tribromophenol

Concen: 111.632 ng

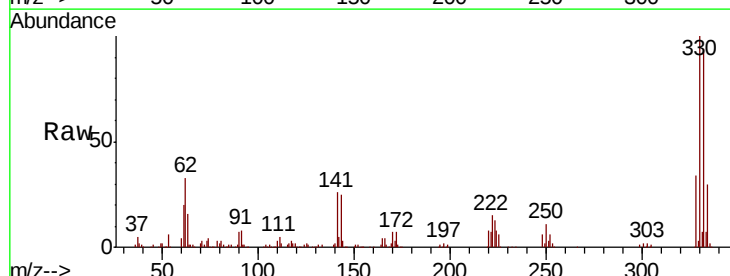
RT: 10.67 min Scan# 1459

Delta R.T. -0.01 min

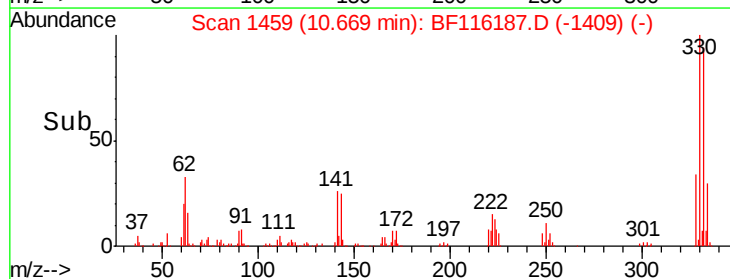
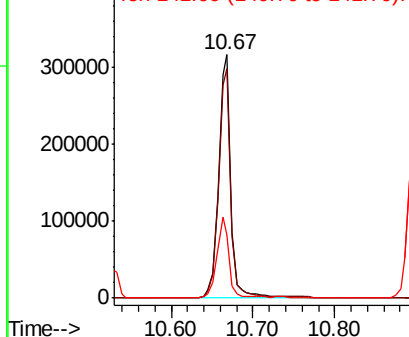
Lab File: BF116187.D

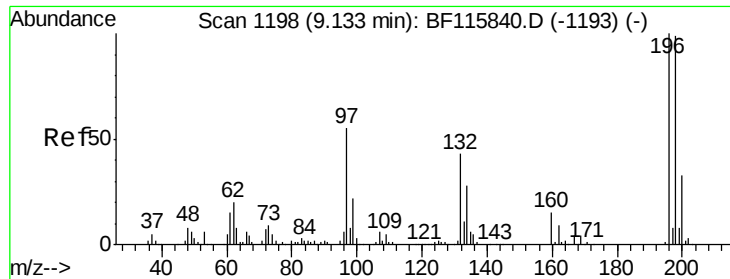
Acq: 12 Aug 2019 13:05

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
330	100				
332	95.2		76.8	115.2	
141	32.5		26.3	39.5	



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





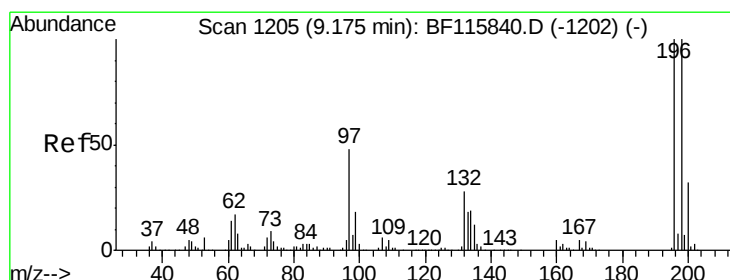
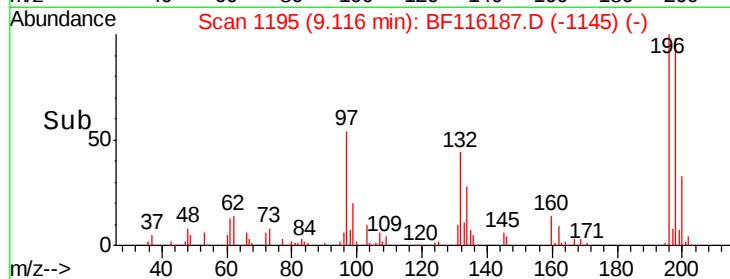
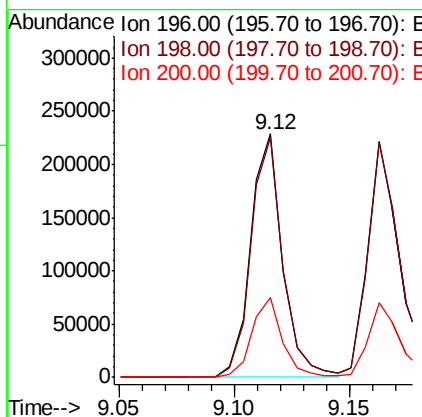
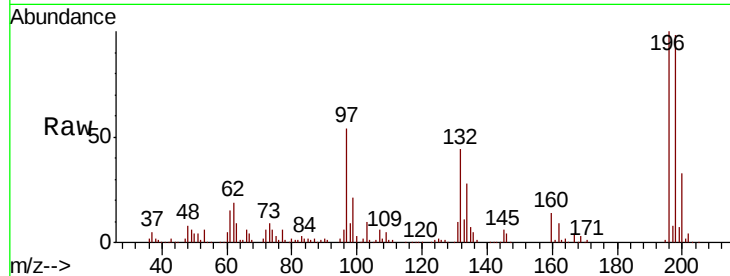
#43
 2,4,6-Trichlorophenol
 Concen: 38.939 ng
 RT: 9.12 min Scan# 1195
 Delta R.T. -0.01 min
 Lab File: BF116187.D
 Acq: 12 Aug 2019 13:05

Instrument :
 BNA_F
 ClientSampleId :
 PB122156BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	221658		
198	98.5	79.2	118.8	
200	32.6	25.2	37.8	

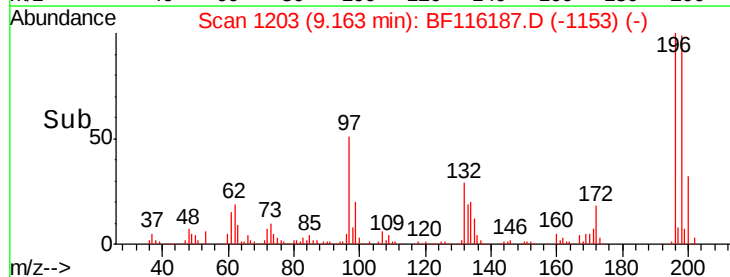
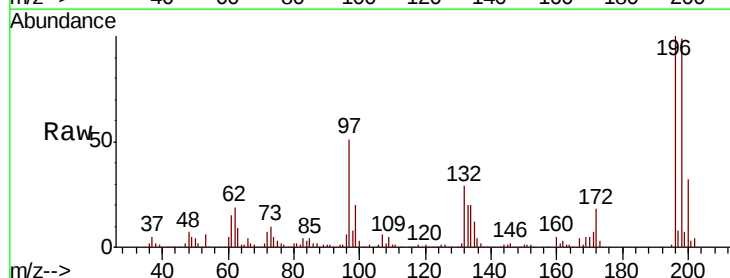
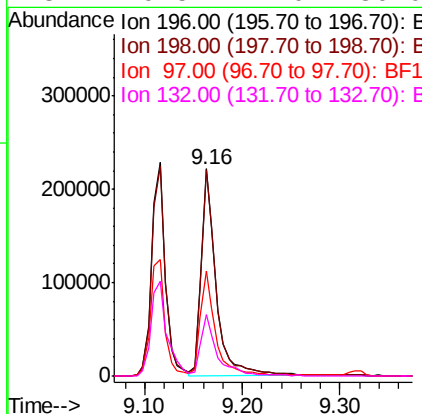
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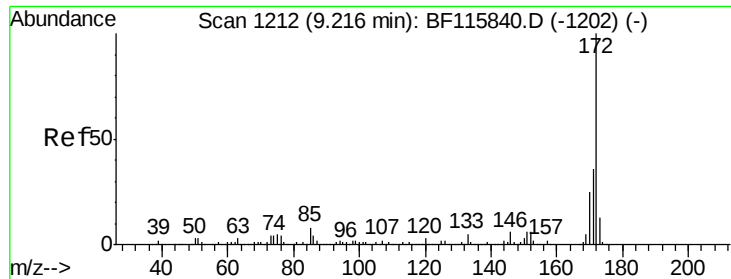
mohammad
 8/14/2019 2:53:27 AM



#44
 2,4,5-Trichlorophenol
 Concen: 39.877 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. -0.01 min
 Lab File: BF116187.D
 Acq: 12 Aug 2019 13:05

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	234644		
198	99.3	78.8	118.2	
97	50.7	42.2	63.4	
132	29.5	24.0	36.0	





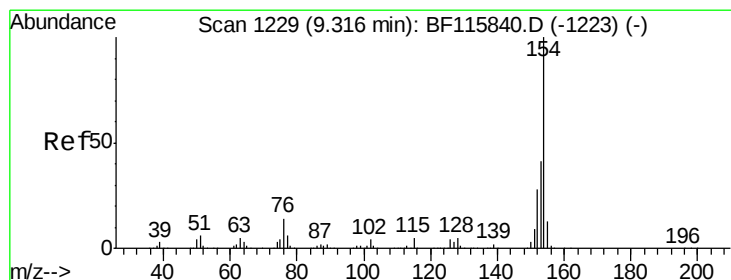
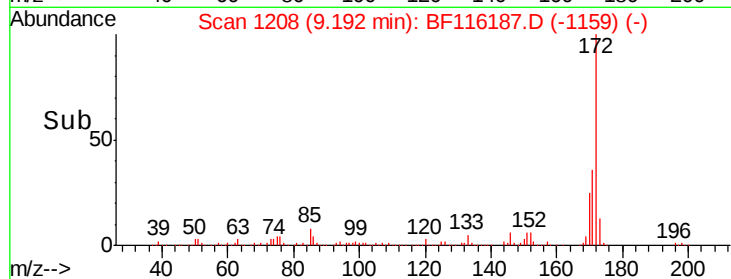
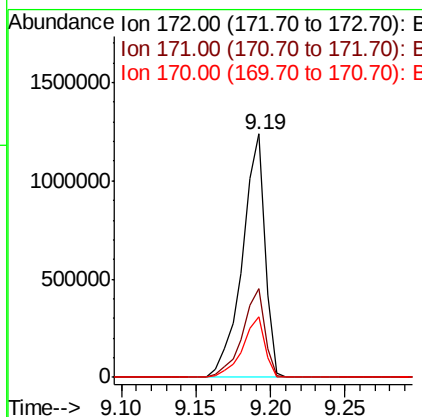
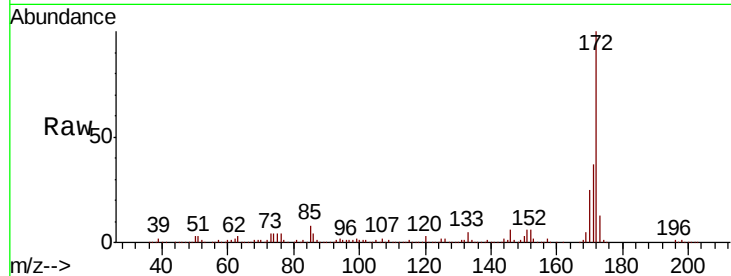
#45
2-Fluorobiphenyl
Concen: 78.948 ng
RT: 9.19 min Scan# 1208
Delta R.T. -0.01 min
Lab File: BF116187.D
Acq: 12 Aug 2019 13:05

Instrument :
BNA_F
ClientSampleId :
PB122156BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.6	44.4
170	24.7	20.1	30.1

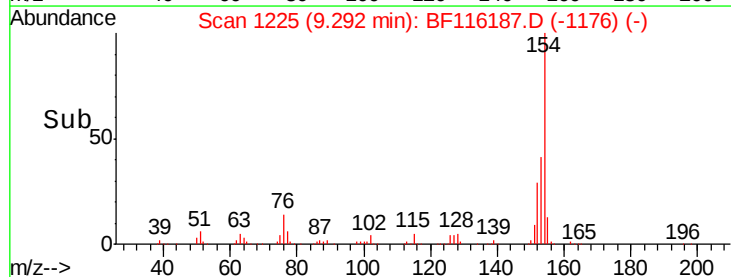
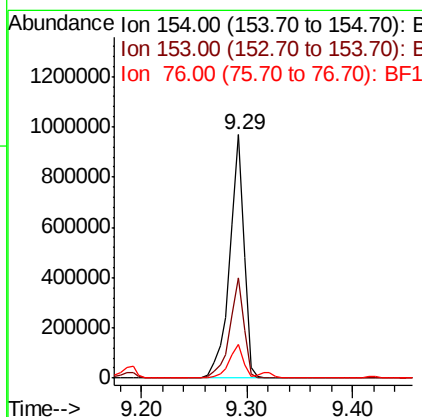
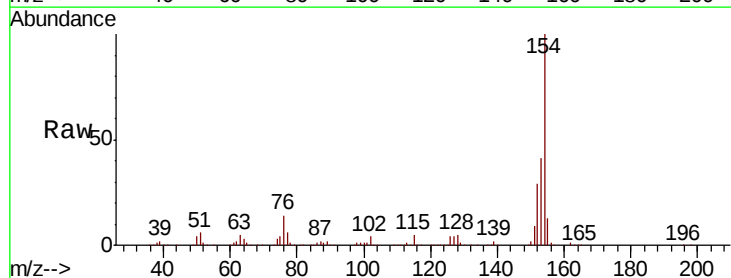
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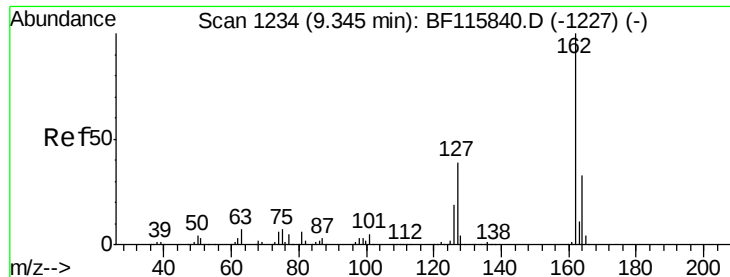
mohammad
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#46
1,1'-Biphenyl
Concen: 41.471 ng
RT: 9.29 min Scan# 1225
Delta R.T. -0.01 min
Lab File: BF116187.D
Acq: 12 Aug 2019 13:05

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.2	21.4	61.4
76	14.1	0.0	35.2





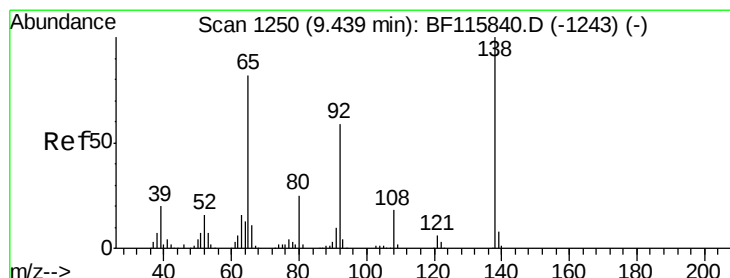
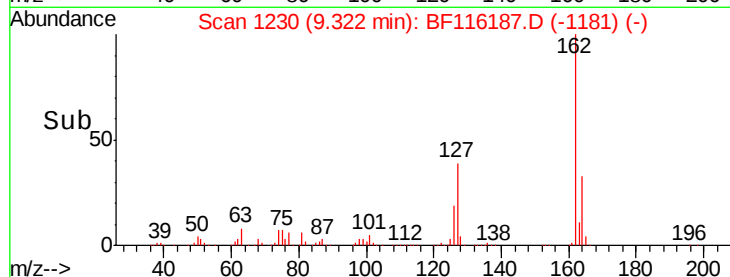
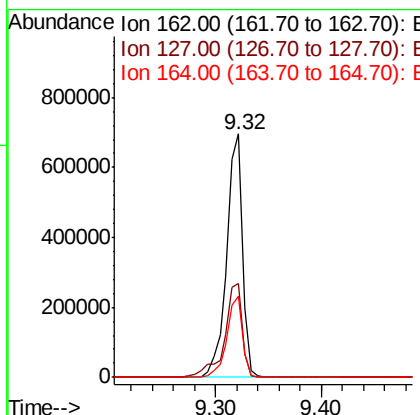
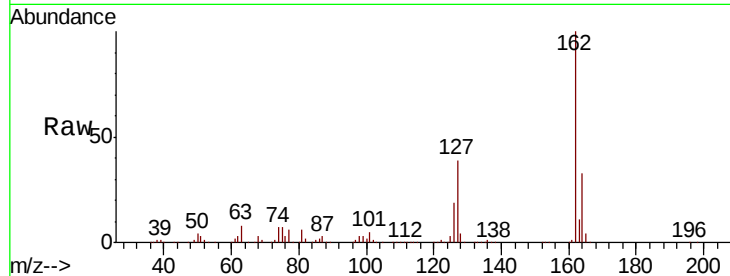
#47
 2-Chloronaphthalene
 Concen: 39.522 ng
 RT: 9.32 min Scan# 1230
 Delta R.T. -0.01 min
 Lab File: BF116187.D
 Acq: 12 Aug 2019 13:05

Instrument :
 BNA_F
 ClientSampleId :
 PB122156BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100			
127	38.6	32.8	49.2	
164	33.1	26.6	39.8	

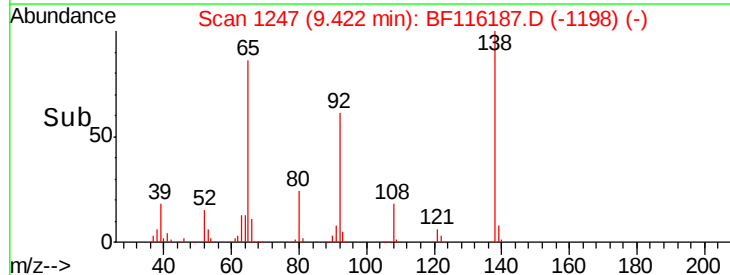
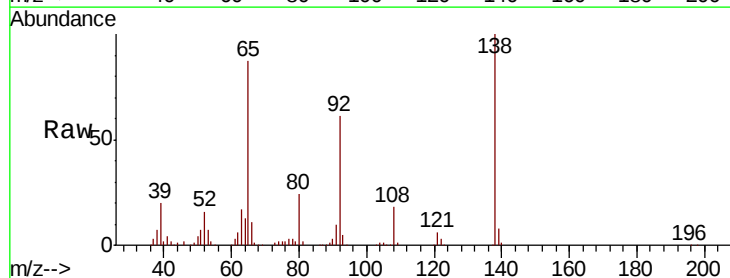
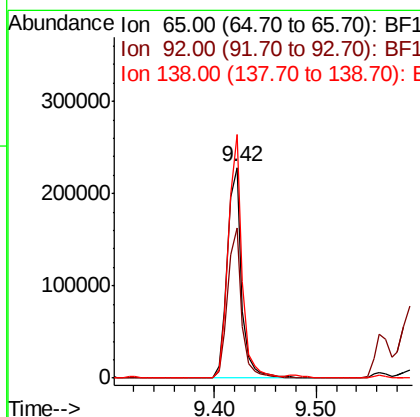
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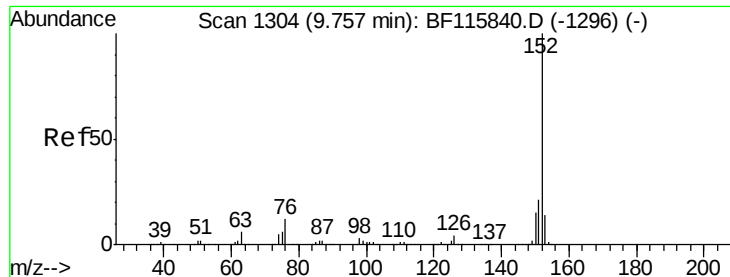
mohammad
 8/14/2019 2:53:27 AM



#48
 2-Nitroaniline
 Concen: 37.593 ng
 RT: 9.42 min Scan# 1247
 Delta R.T. -0.01 min
 Lab File: BF116187.D
 Acq: 12 Aug 2019 13:05

Tgt Ion	Ratio	Resp	Lower	Upper
65	100			
92	70.9	57.8	86.8	
138	115.4	94.0	141.0	





#49

Acenaphthylene

Concen: 40.511 ng

RT: 9.73 min Scan# 1300

Delta R.T. -0.01 min

Lab File: BF116187.D

Acq: 12 Aug 2019 13:05

Instrument :

BNA_F

ClientSampleId :

PB122156BS

Tot Ion:152 Resp: 1074294

Ion Ratio Lower Upper

152 100

151 20.8 17.2 25.8

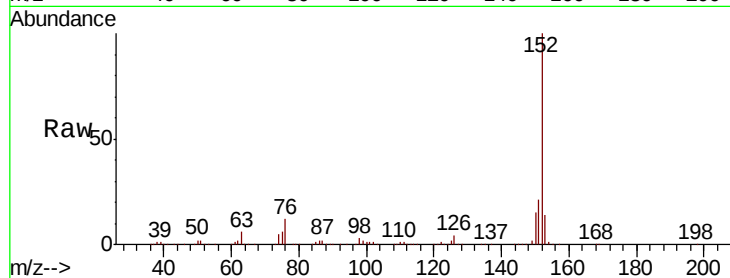
153 14.2 11.8 17.8

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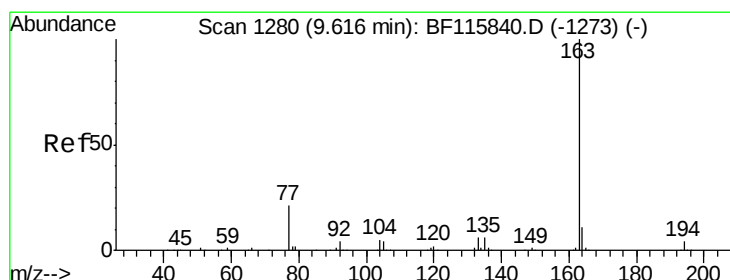
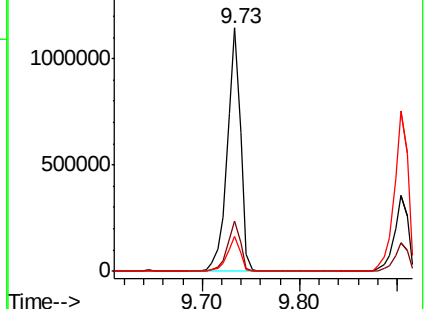
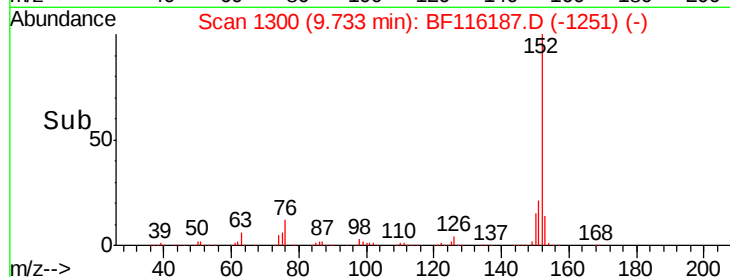
8/14/2019 2:53:27 AM



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: 40.699 ng

RT: 9.59 min Scan# 1276

Delta R.T. -0.01 min

Lab File: BF116187.D

Acq: 12 Aug 2019 13:05

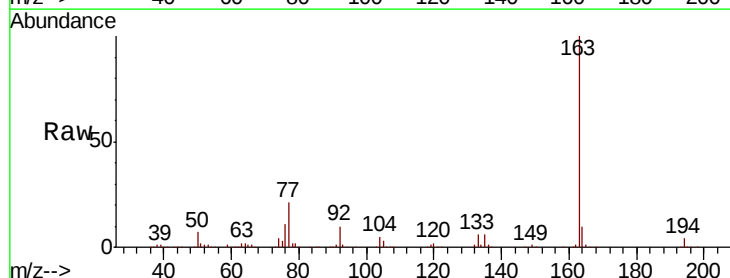
Tgt Ion:163 Resp: 857235

Ion Ratio Lower Upper

163 100

194 3.8 3.0 4.6

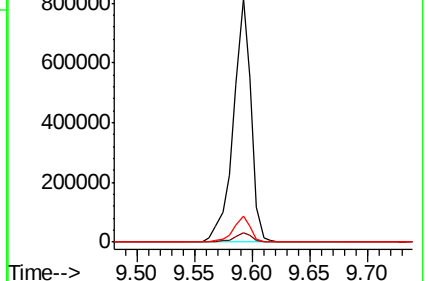
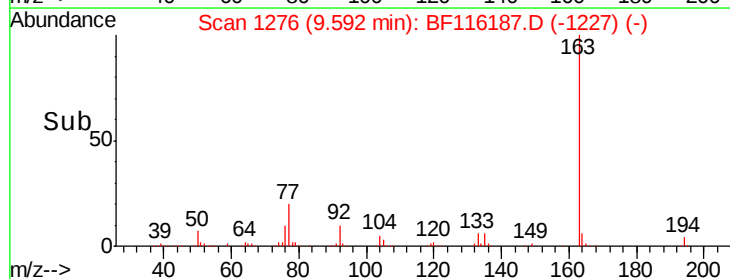
164 10.4 8.4 12.6



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: 41.432 ng

RT: 9.66 min Scan# 1288

Delta R.T. -0.01 min

Lab File: BF116187.D

Acq: 12 Aug 2019 13:05

Instrument :

BNA_F

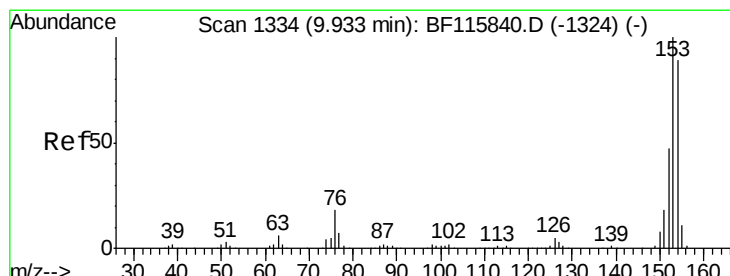
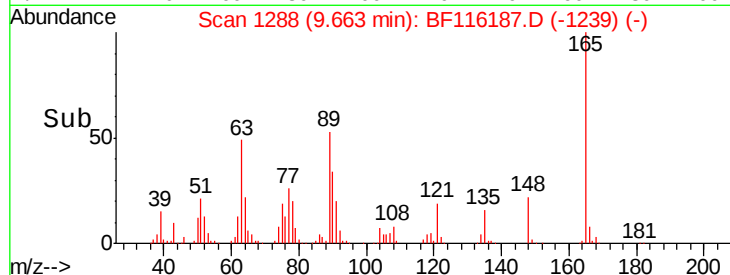
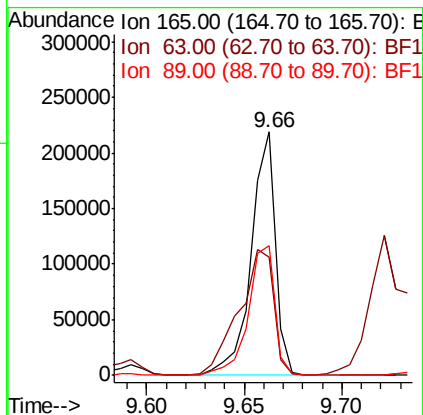
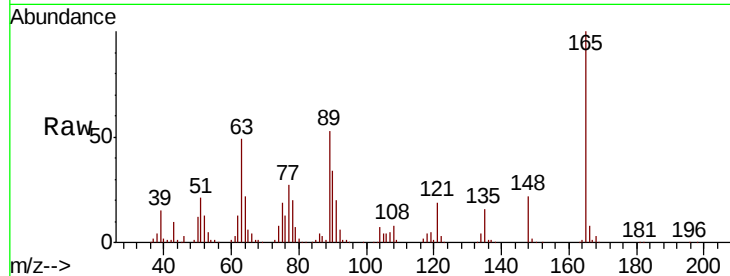
ClientSampleId :

PB122156BS

Tot Ion:	165	Resp:	189647
Ion Ratio	Lower	Upper	
165	100		
63	48.6	38.2	57.2
89	53.4	42.9	64.3

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#52

Acenaphthene

Concen: 40.187 ng

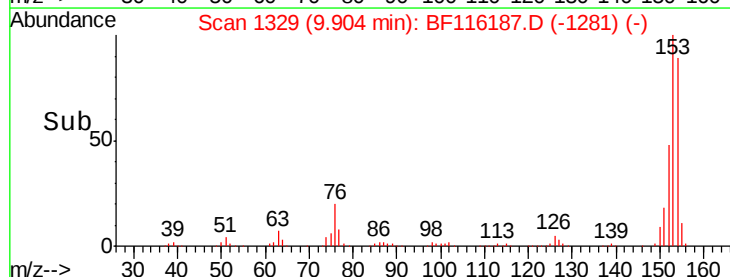
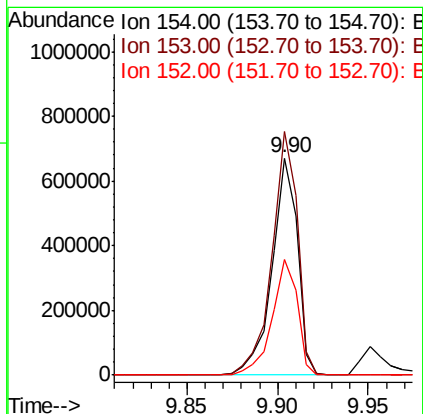
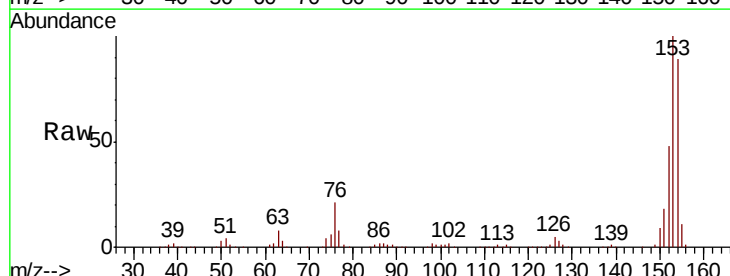
RT: 9.90 min Scan# 1329

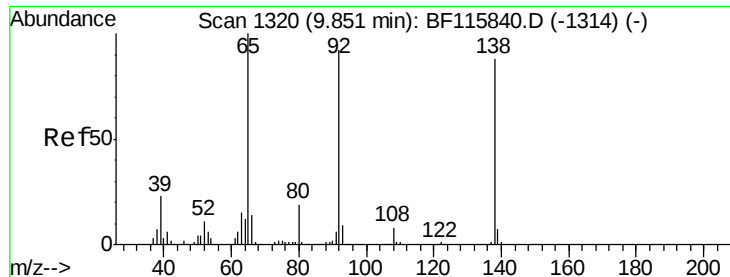
Delta R.T. -0.02 min

Lab File: BF116187.D

Acq: 12 Aug 2019 13:05

Tgt Ion:	154	Resp:	653803
Ion Ratio	Lower	Upper	
154	100		
153	112.1	89.4	134.0
152	53.5	42.3	63.5





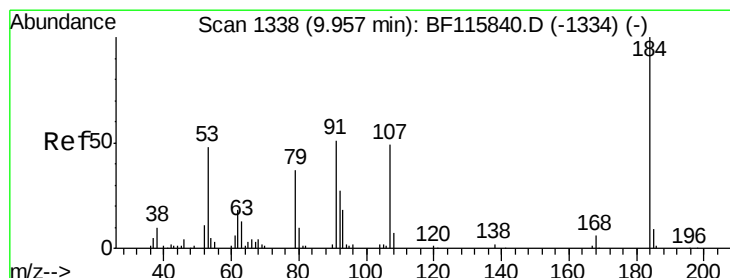
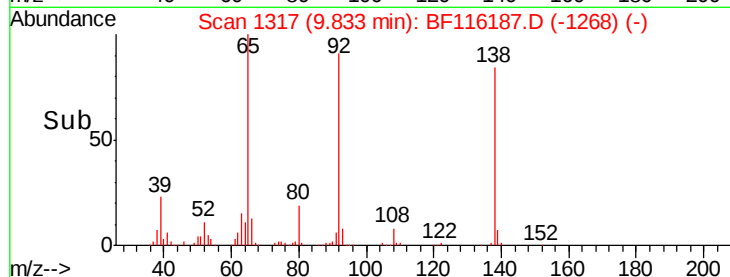
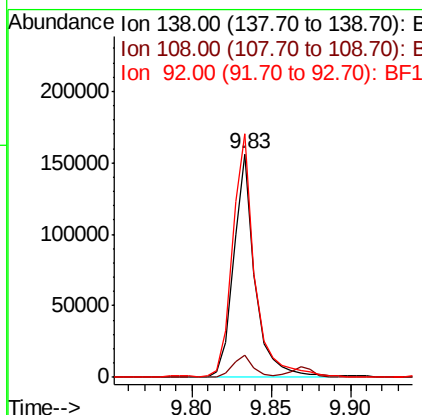
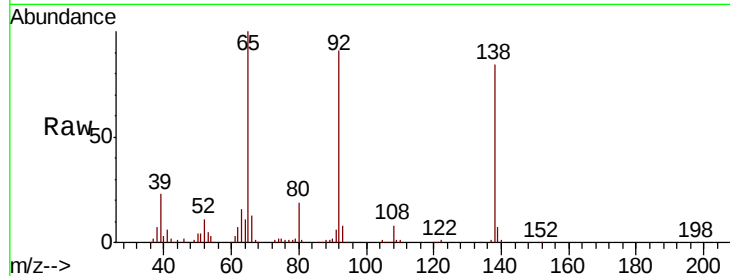
#53
3-Nitroaniline
Concen: 25.902 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.01 min
Lab File: BF116187.D
Acq: 12 Aug 2019 13:05

Instrument :
BNA_F
ClientSampleId :
PB122156BS

Tot Ion	Ratio	Resp	Lower	Upper
138	100	146499		
108	9.7	8.0	12.0	
92	108.9	91.0	136.6	

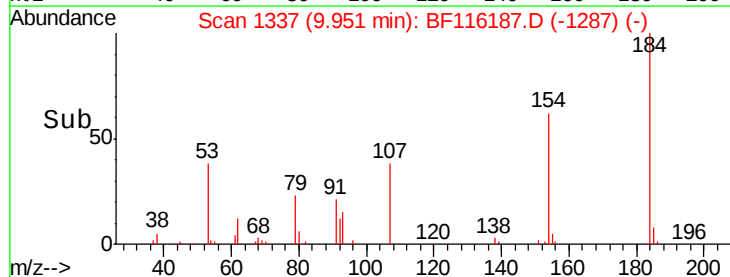
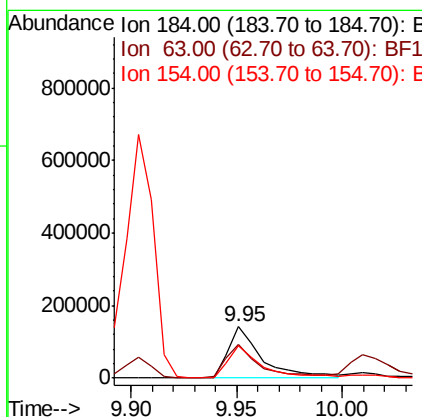
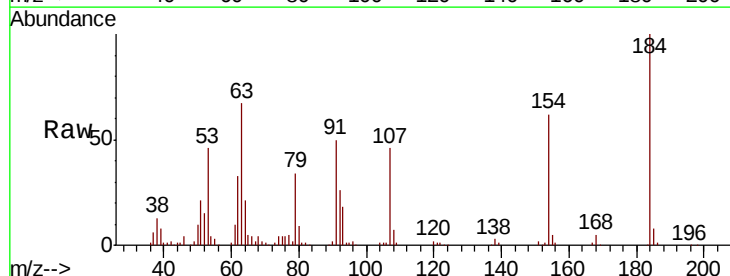
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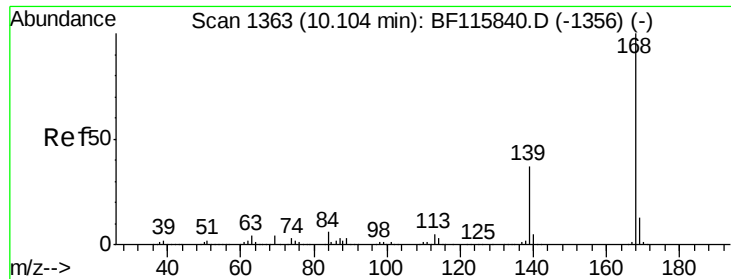
mohammad
8/14/2019 2:53:27 AM



#54
2,4-Dinitrophenol
Concen: 68.391 ng
RT: 9.95 min Scan# 1337
Delta R.T. -0.01 min
Lab File: BF116187.D
Acq: 12 Aug 2019 13:05

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	156297		
63	67.1	53.0	79.4	
154	62.3	50.1	75.1	





#55

Dibenzofuran

Concen: 39.744 ng

RT: 10.08 min Scan# 1359

Delta R.T. -0.01 min

Lab File: BF116187.D

Acq: 12 Aug 2019 13:05

Instrument :

BNA_F

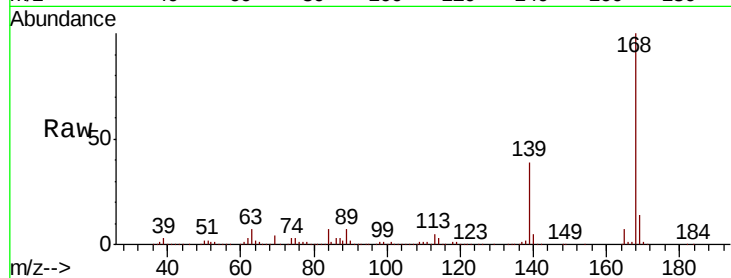
ClientSampled :

PB122156BS

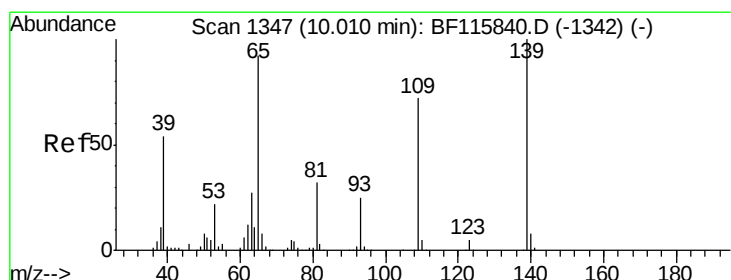
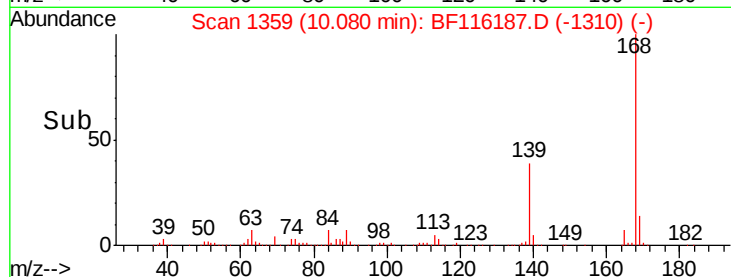
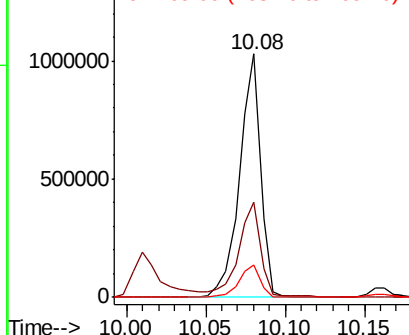
Tot Ion:	168	Resp:	940310
Ion Ratio	Lower	Upper	
168	100		
139	39.0	31.4	47.2
169	13.5	10.9	16.3

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Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 65.241 ng

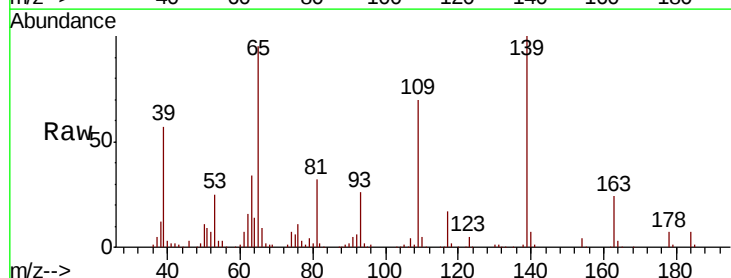
RT: 10.01 min Scan# 1347

Delta R.T. -0.00 min

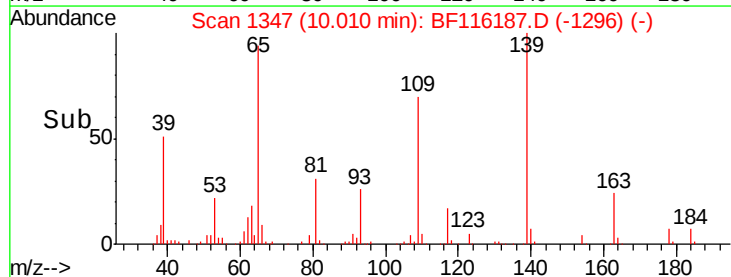
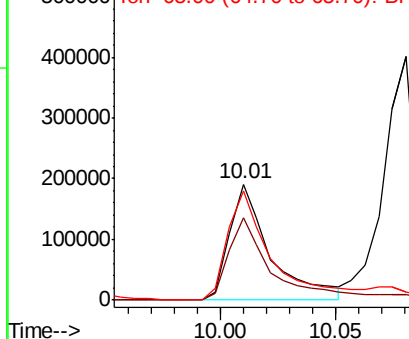
Lab File: BF116187.D

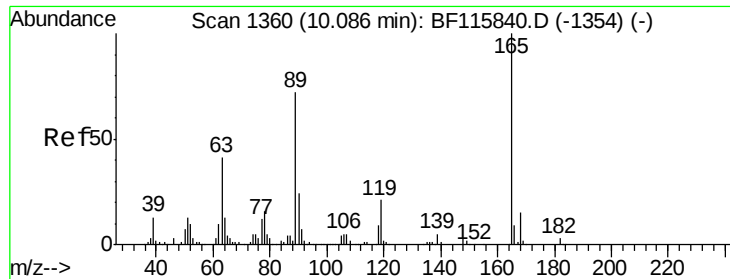
Acq: 12 Aug 2019 13:05

Tgt Ion:	139	Resp:	236379
Ion Ratio	Lower	Upper	
139	100		
109	70.4	54.4	94.4
65	94.6	80.6	120.6



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1





#57

2,4-Dinitrotoluene

Concen: 39.060 ng

RT: 10.07 min Scan# 1358

Delta R.T. -0.01 min

Lab File: BF116187.D

Acq: 12 Aug 2019 13:05

Instrument :

BNA_F

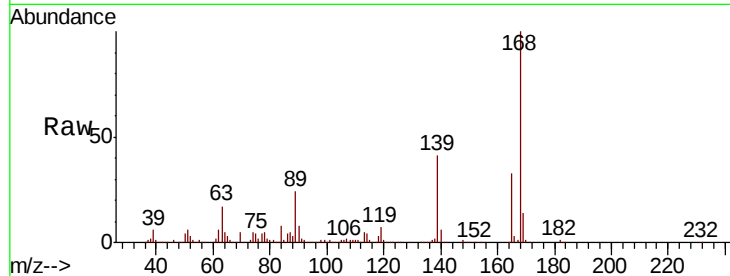
ClientSampleId :

PB122156BS

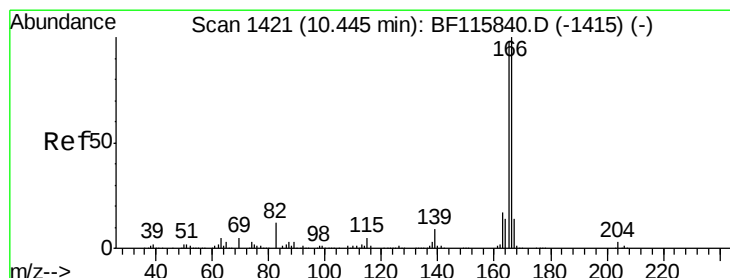
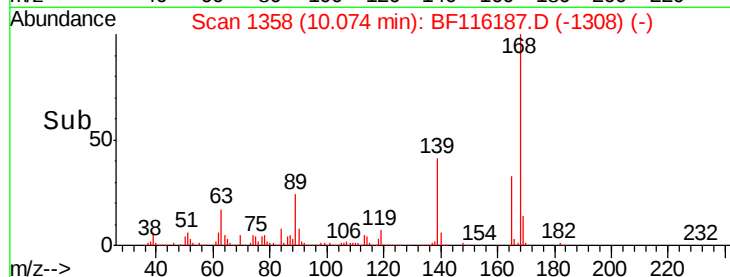
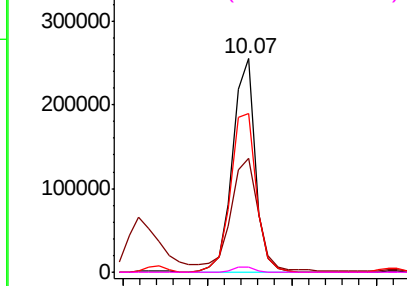
Tot Ion	Ratio	Resp	Lower	Upper
165	100	238048		
63	53.1	39.6	59.4	
89	74.3	62.2	93.2	
182	2.6	2.1	3.1	

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



#58

Fluorene

Concen: 41.566 ng

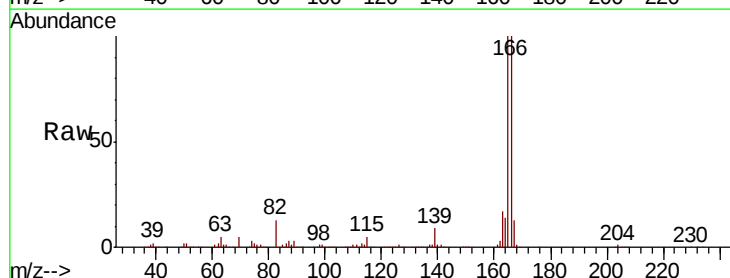
RT: 10.42 min Scan# 1417

Delta R.T. -0.01 min

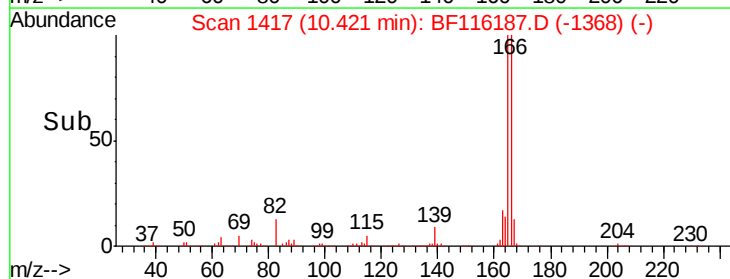
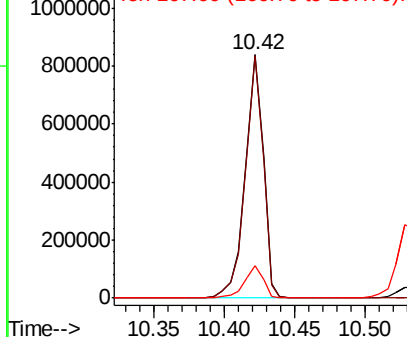
Lab File: BF116187.D

Acq: 12 Aug 2019 13:05

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	756617		
165	99.6	78.4	117.6	
167	13.4	11.0	16.4	



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





#59

2,3,4,6-Tetrachlorophenol

Concen: 42.006 ng

RT: 10.20 min Scan# 1380

Delta R.T. -0.01 min

Lab File: BF116187.D

Acq: 12 Aug 2019 13:05

Instrument :

BNA_F

ClientSampleId :

PB122156BS

Tot Ion:232 Resp: 207952

Ion Ratio Lower Upper

232 100

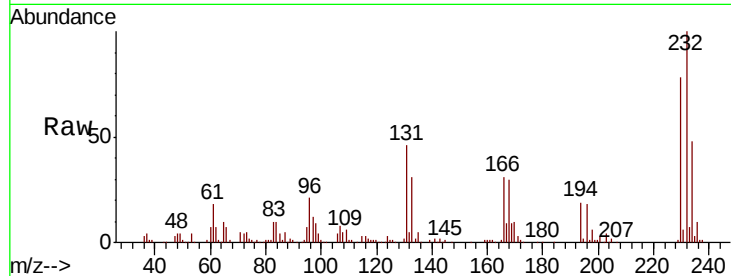
131 44.8 36.2 54.2

130 2.4 1.9 2.9

166 29.0 23.0 34.4

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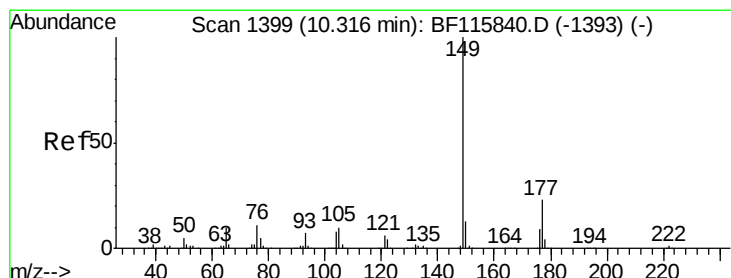
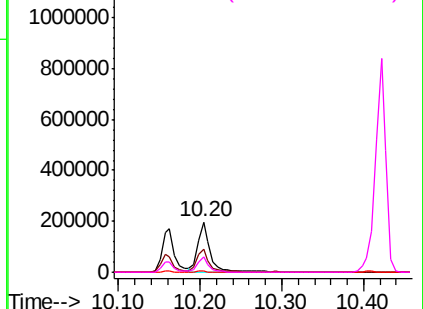
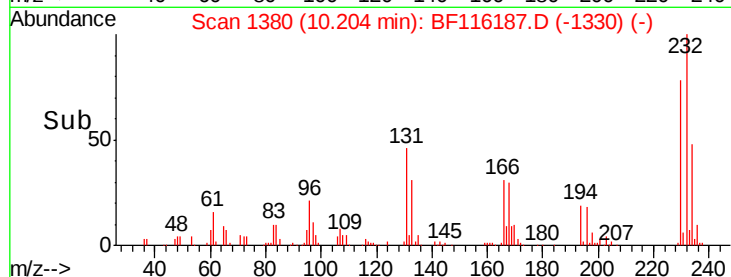


Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60

Diethylphthalate

Concen: 42.367 ng

RT: 10.29 min Scan# 1395

Delta R.T. -0.01 min

Lab File: BF116187.D

Acq: 12 Aug 2019 13:05

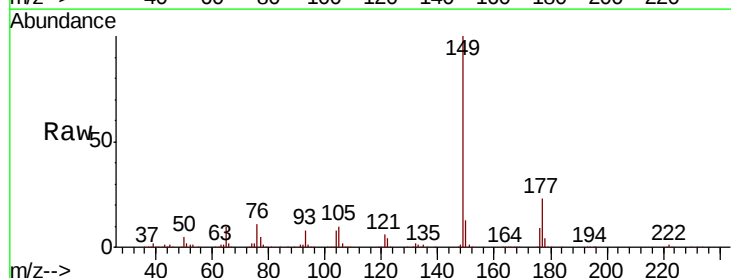
Tgt Ion:149 Resp: 833142

Ion Ratio Lower Upper

149 100

177 22.6 18.8 28.2

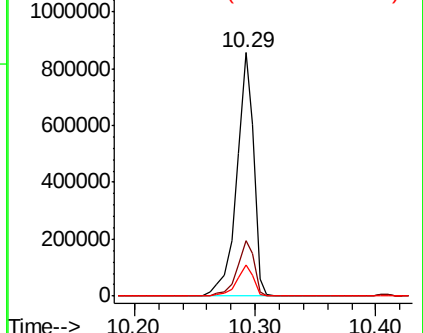
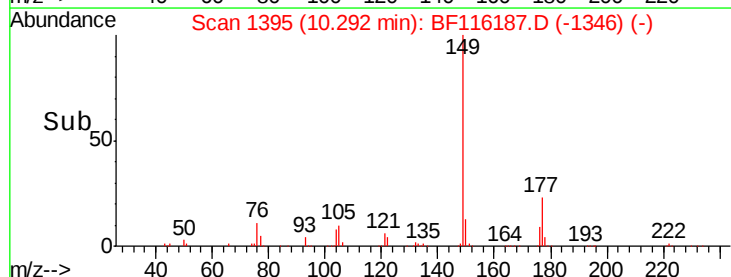
150 12.9 10.2 15.4

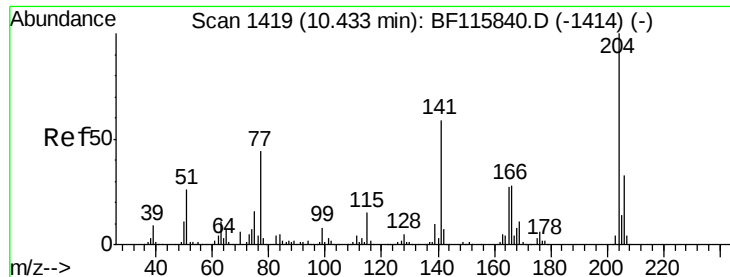


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





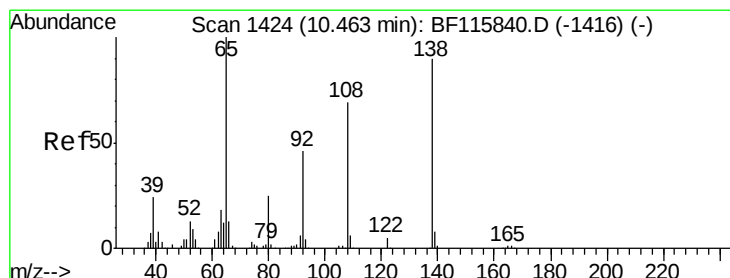
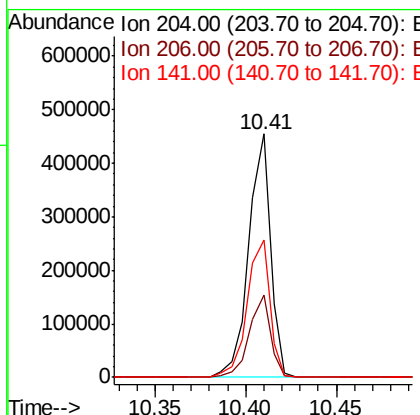
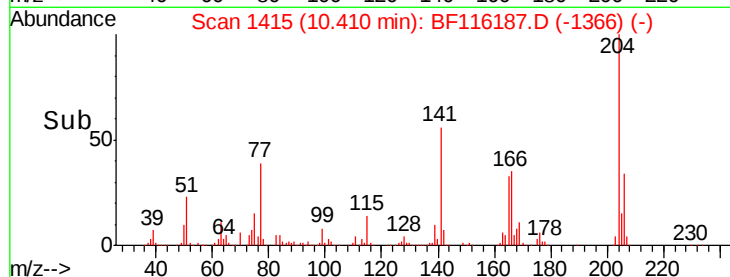
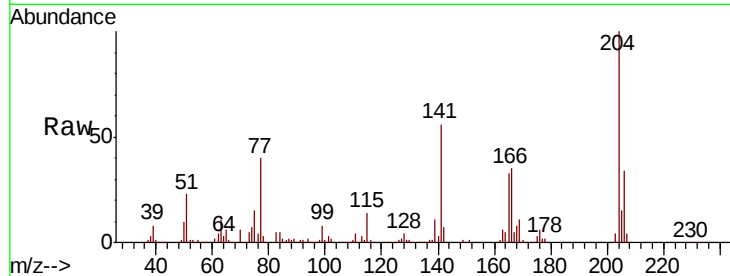
#61
4-Chlorophenyl-phenylether
Concen: 41.432 ng
RT: 10.41 min Scan# 1415
Delta R.T. -0.01 min
Lab File: BF116187.D
Acq: 12 Aug 2019 13:05

Instrument :
BNA_F
ClientSampleId :
PB122156BS

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.7	26.4	39.6
141	56.5	46.4	69.6

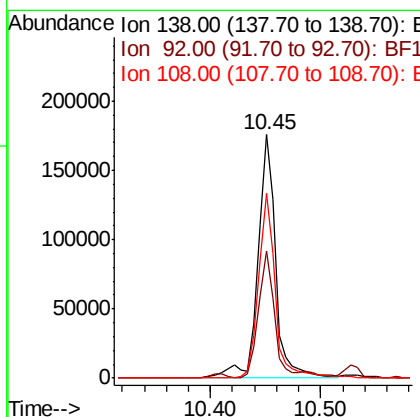
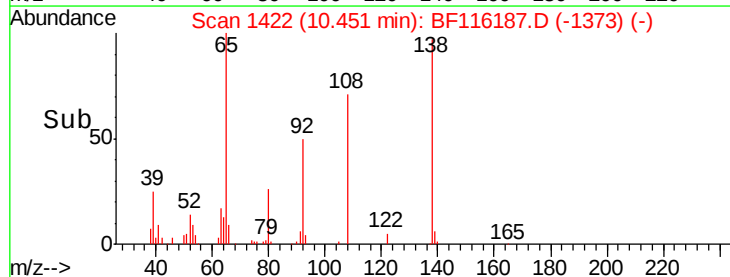
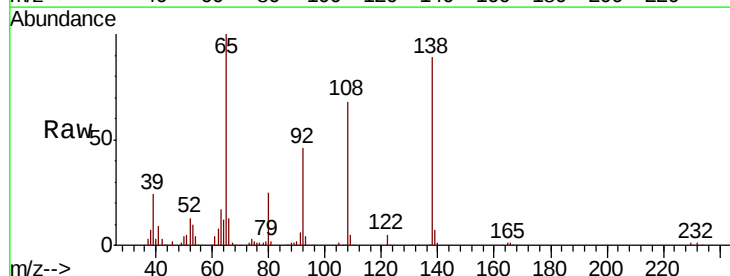
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#62
4-Nitroaniline
Concen: 34.183 ng
RT: 10.45 min Scan# 1422
Delta R.T. -0.01 min
Lab File: BF116187.D
Acq: 12 Aug 2019 13:05

Tgt Ion	Ratio	Lower	Upper
138	100		
92	52.0	29.0	69.0
108	76.1	54.7	94.7





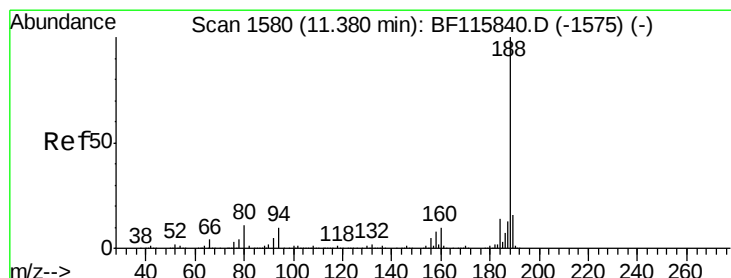
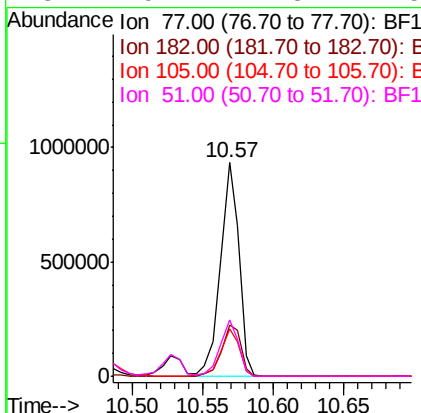
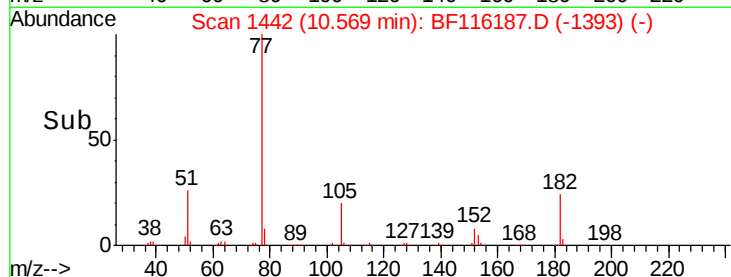
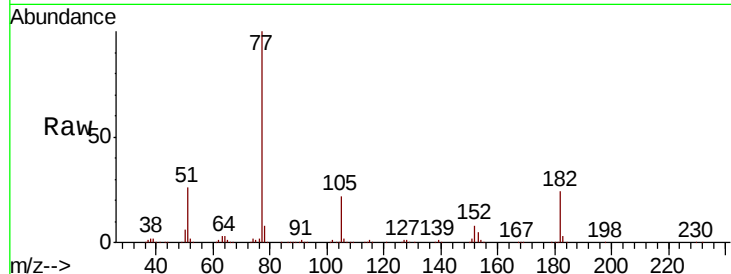
#63
Azobenzene
Concen: 42.100 ng
RT: 10.57 min Scan# 1442
Delta R.T. -0.01 min
Lab File: BF116187.D
Acq: 12 Aug 2019 13:05

Instrument :
BNA_F
ClientSampled :
PB122156BS

Tot Ion	Ratio	Lower	Upper
77	100		
182	23.9	4.0	44.0
105	22.0	2.0	42.0
51	26.4	7.5	47.5

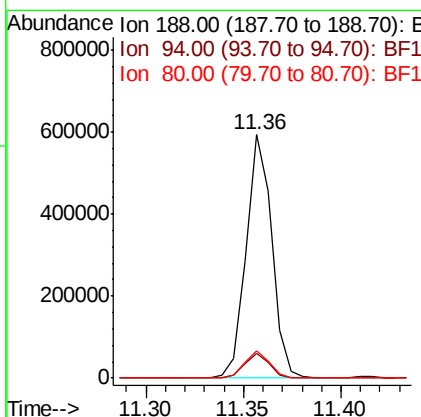
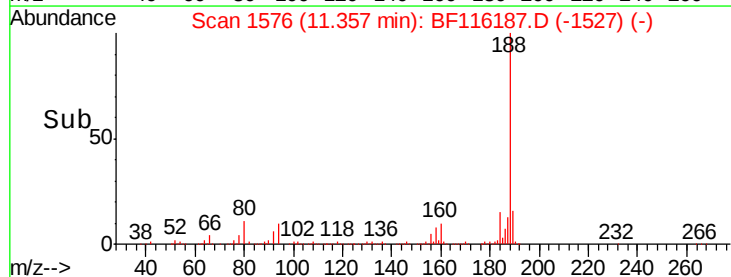
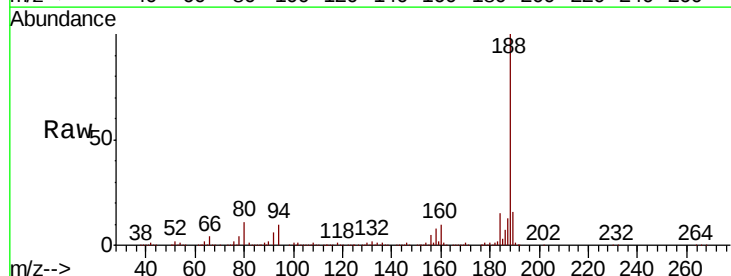
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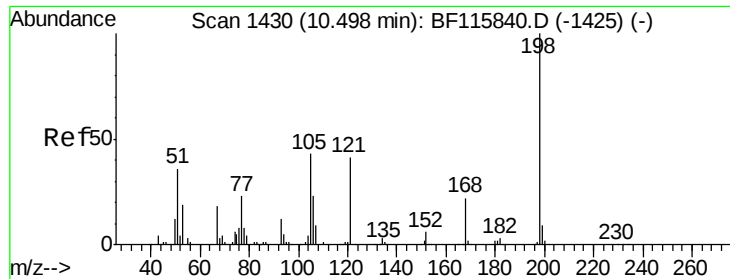
mohammad
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1576
Delta R.T. -0.01 min
Lab File: BF116187.D
Acq: 12 Aug 2019 13:05

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.3	8.1	12.1
80	11.3	8.7	13.1





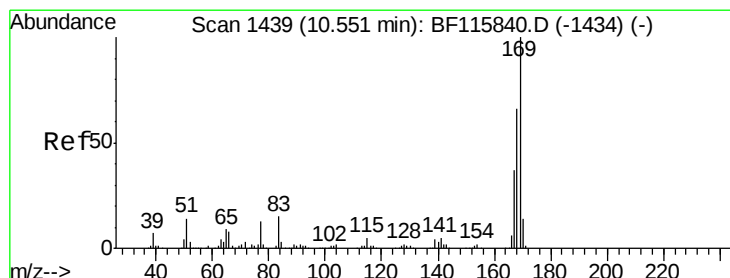
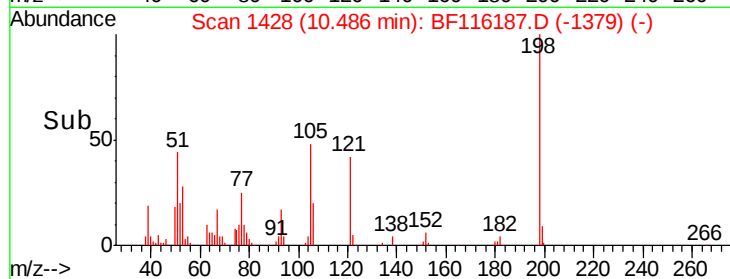
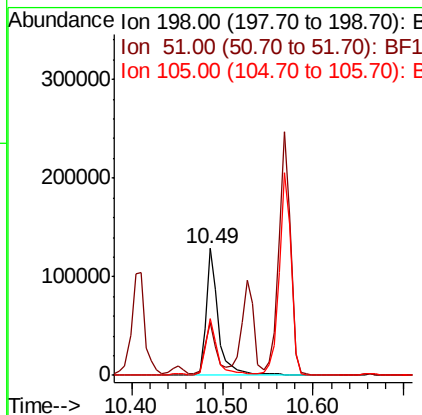
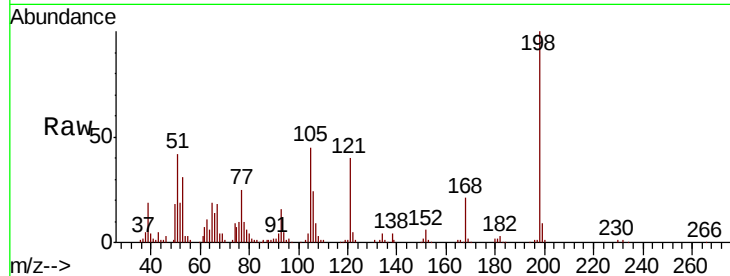
#65
 4,6-Dinitro-2-methylphenol
 Concen: 43.067 ng
 RT: 10.49 min Scan# 1428
 Delta R.T. -0.01 min
 Lab File: BF116187.D
 Acq: 12 Aug 2019 13:05

Instrument :
 BNA_F
 ClientSampleId :
 PB122156BS

Tot Ion	Ratio	Resp	Lower	Upper
198	100	123807		
51	42.2	17.0	57.0	
105	44.8	21.6	61.6	

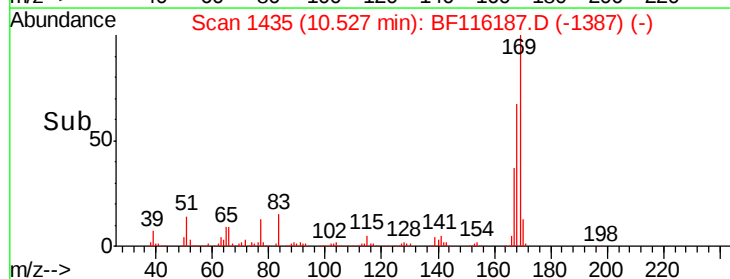
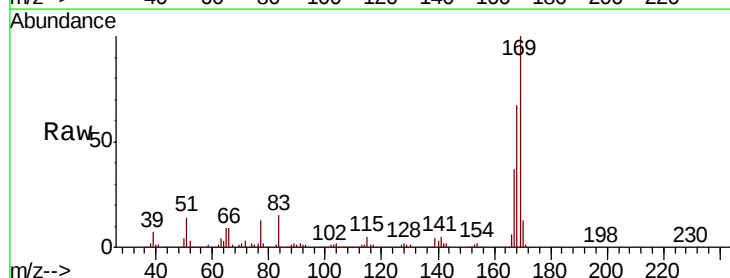
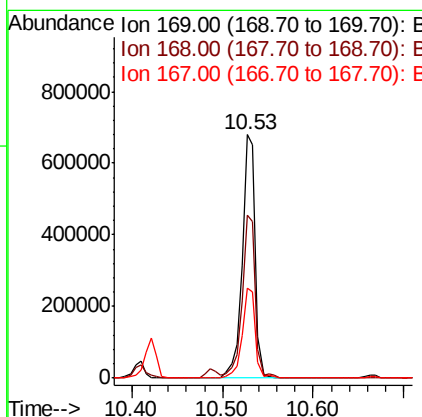
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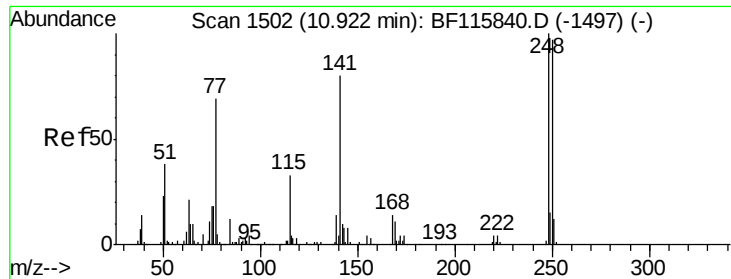
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#66
 n-Nitrosodiphenylamine
 Concen: 41.863 ng
 RT: 10.53 min Scan# 1435
 Delta R.T. -0.02 min
 Lab File: BF116187.D
 Acq: 12 Aug 2019 13:05

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	683531		
168	67.1	53.8	80.6	
167	36.9	29.6	44.4	





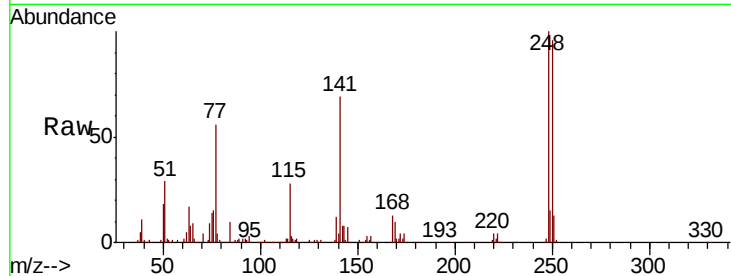
#67
4-Bromophenyl-phenylether
Concen: 41.284 ng
RT: 10.90 min Scan# 1498
Delta R.T. -0.01 min
Lab File: BF116187.D
Acq: 12 Aug 2019 13:05

Instrument :
BNA_F
ClientSampleId :
PB122156BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.0	77.4	116.2
141	69.4	56.8	85.2

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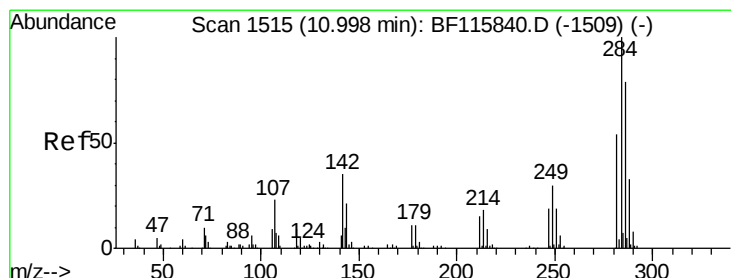
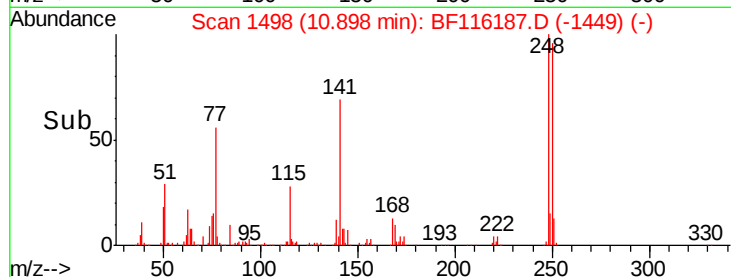
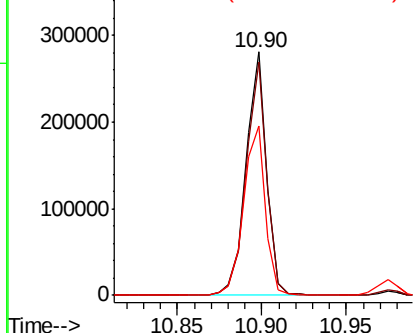


Abundance

Ion 248.00 (247.70 to 248.70): E

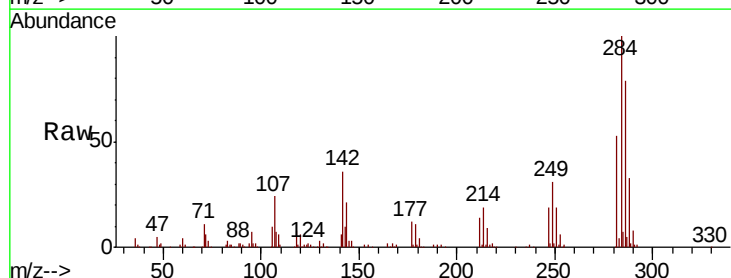
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 39.211 ng
RT: 10.97 min Scan# 1511
Delta R.T. -0.01 min
Lab File: BF116187.D
Acq: 12 Aug 2019 13:05

Tgt Ion	Ratio	Lower	Upper
284	100		
142	36.4	28.4	42.6
249	30.7	24.5	36.7

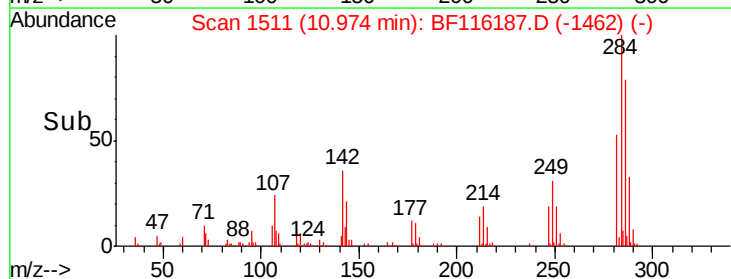
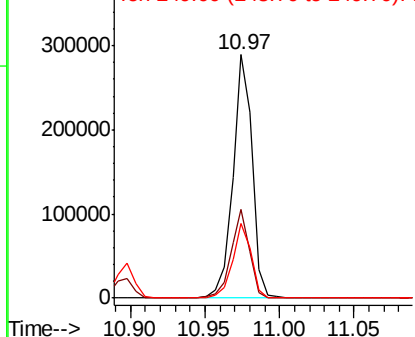


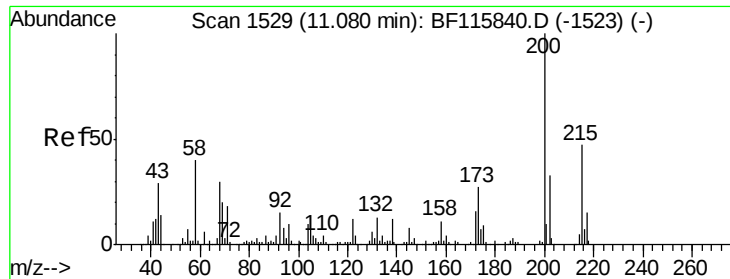
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





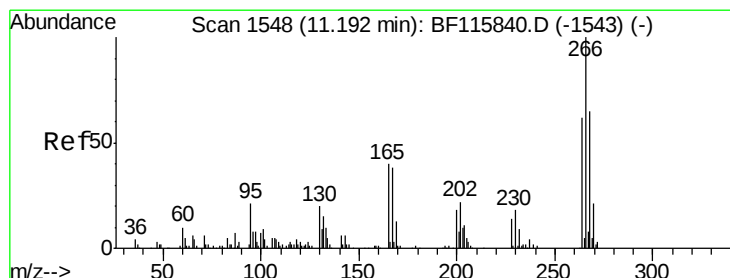
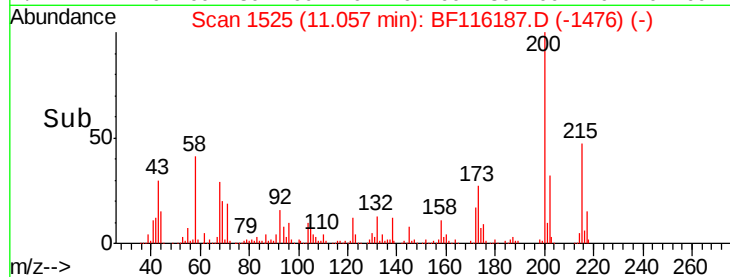
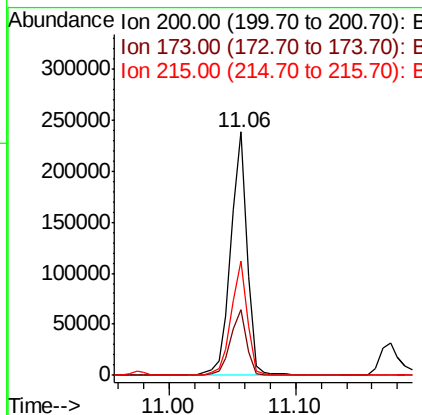
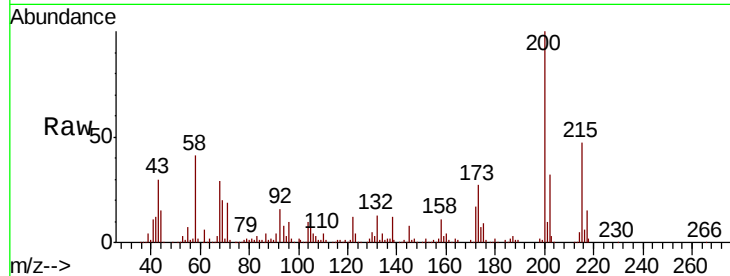
#69
 Atrazine
 Concen: 39.290 ng
 RT: 11.06 min Scan# 1525
 Delta R.T. -0.01 min
 Lab File: BF116187.D
 Acq: 12 Aug 2019 13:05

Instrument :
 BNA_F
 ClientSampleId :
 PB122156BS

Tot Ion:	200	Resp:	211046
Ion Ratio	Lower	Upper	
200	100		
173	26.8	6.8	46.8
215	47.1	27.5	67.5

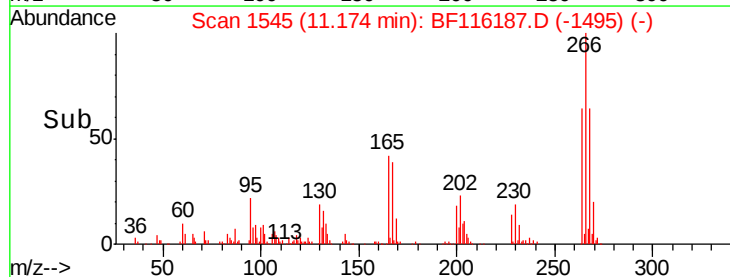
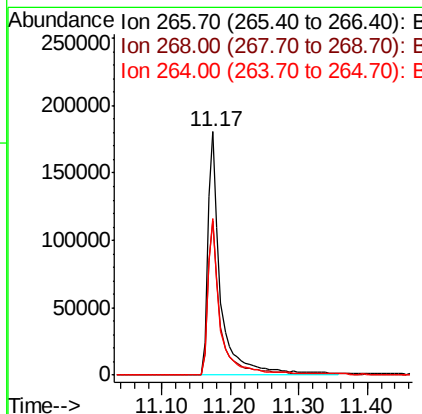
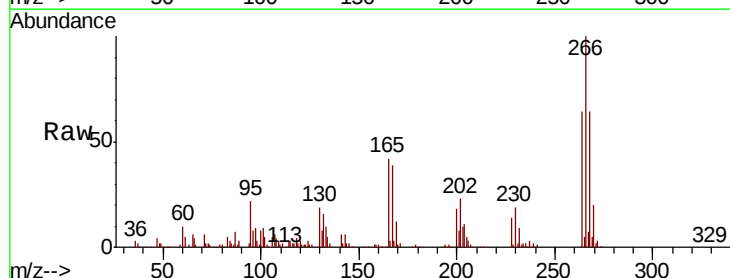
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#70
 Pentachlorophenol
 Concen: 73.505 ng
 RT: 11.17 min Scan# 1545
 Delta R.T. -0.01 min
 Lab File: BF116187.D
 Acq: 12 Aug 2019 13:05

Tgt Ion:	266	Resp:	239636
Ion Ratio	Lower	Upper	
266	100		
268	63.5	48.8	73.2
264	64.4	50.6	76.0





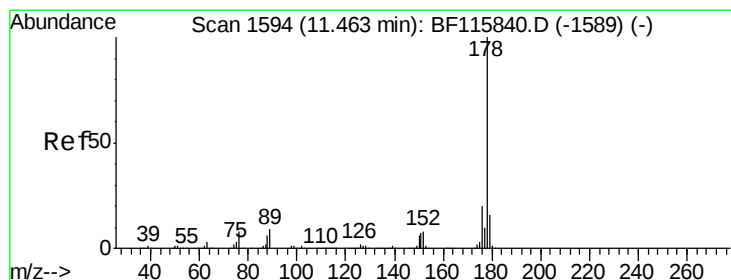
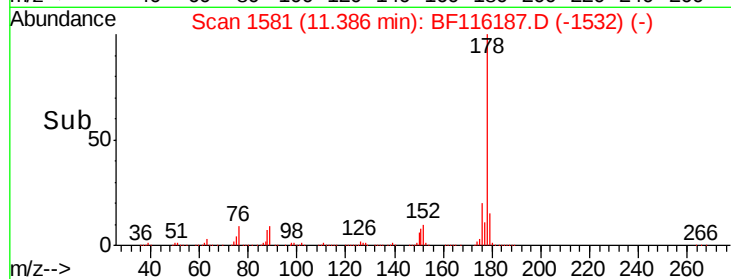
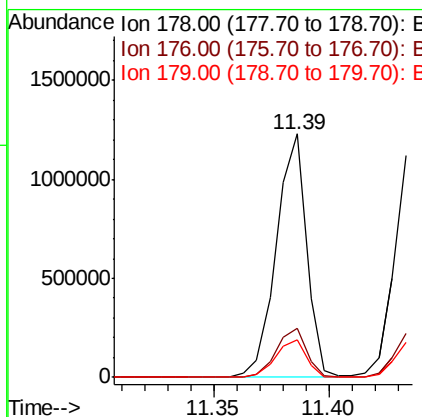
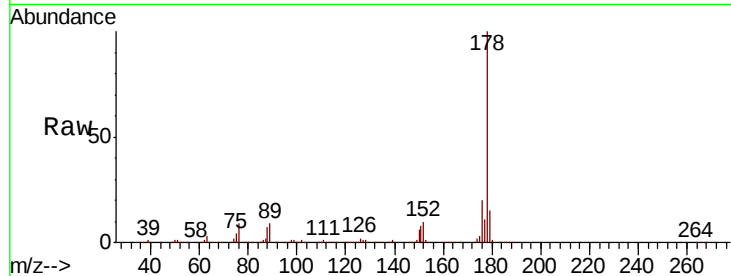
#71
Phenanthrene
Concen: 40.298 ng
RT: 11.39 min Scan# 1581
Delta R.T. -0.01 min
Lab File: BF116187.D
Acq: 12 Aug 2019 13:05

Instrument :
BNA_F
ClientSampleId :
PB122156BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.3	16.6	24.8
179	15.4	12.5	18.7

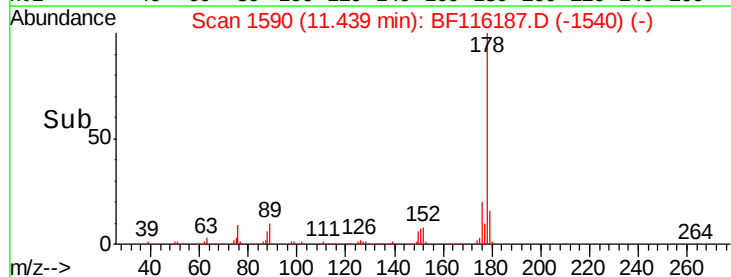
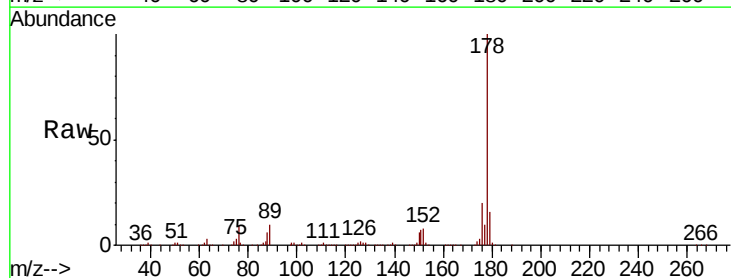
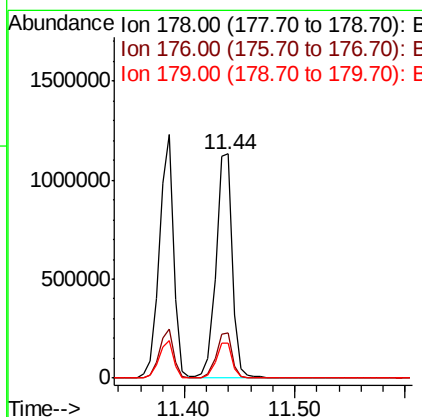
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#72
Anthracene
Concen: 41.436 ng
RT: 11.44 min Scan# 1590
Delta R.T. -0.01 min
Lab File: BF116187.D
Acq: 12 Aug 2019 13:05

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.1	15.7	23.5
179	15.7	13.0	19.6





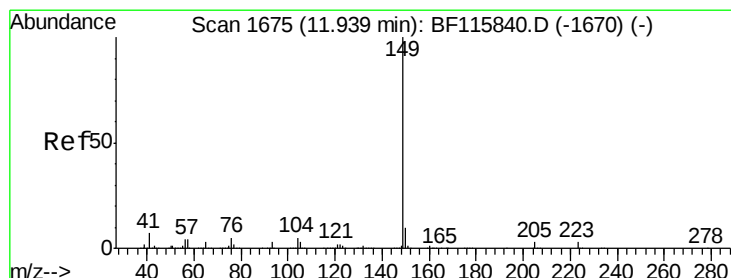
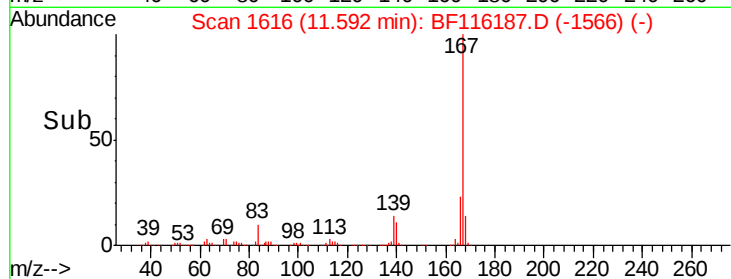
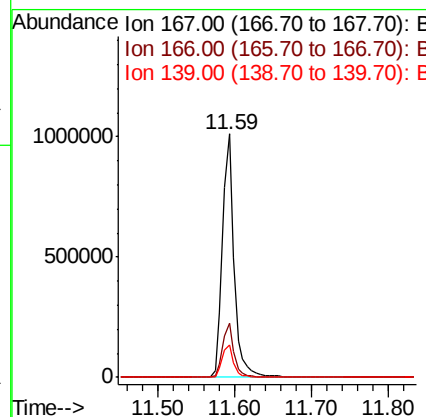
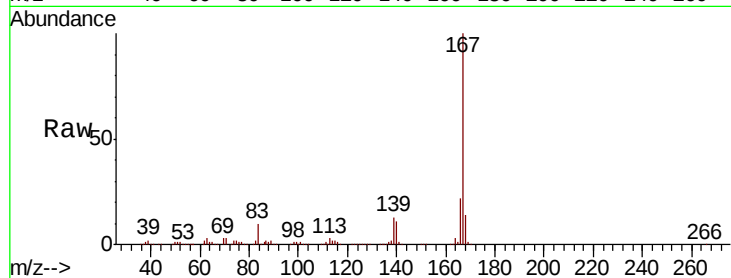
#73
 Carbazole
 Concen: 41.338 ng
 RT: 11.59 min Scan# 1616
 Delta R.T. -0.01 min
 Lab File: BF116187.D
 Acq: 12 Aug 2019 13:05

Instrument :
 BNA_F
 ClientSampled :
 PB122156BS

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

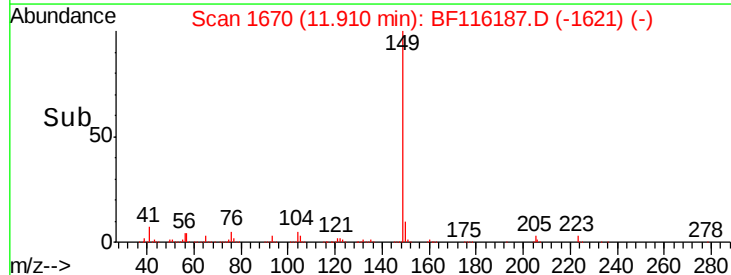
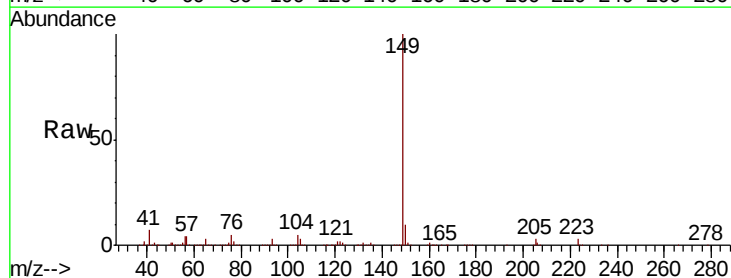
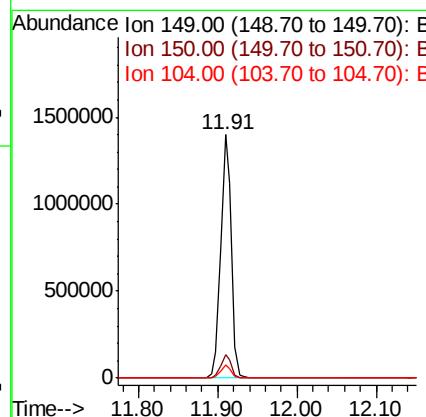
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#74
 Di-n-butylphthalate
 Concen: 43.383 ng
 RT: 11.91 min Scan# 1670
 Delta R.T. -0.01 min
 Lab File: BF116187.D
 Acq: 12 Aug 2019 13:05

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.8	8.0	12.0
104	5.4	4.5	6.7





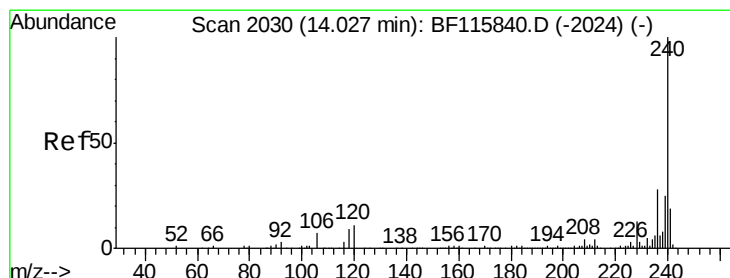
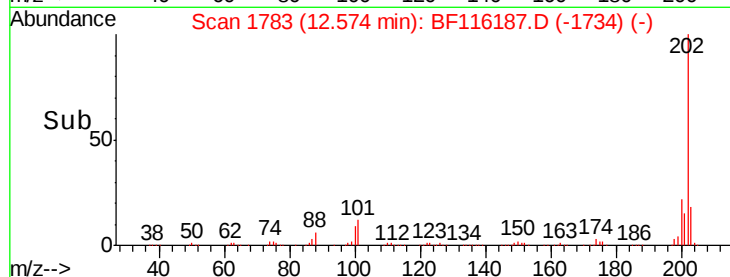
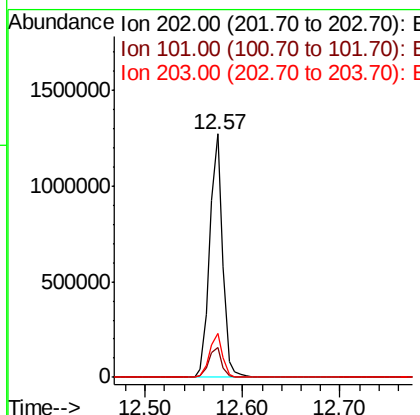
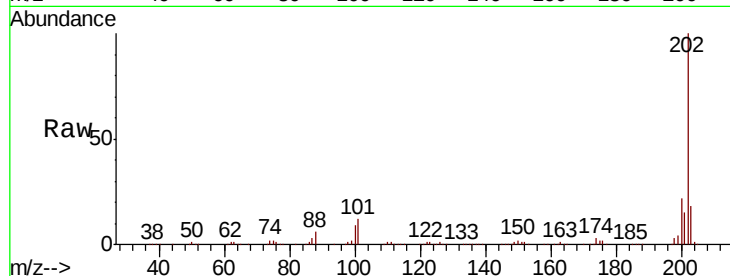
#75
 Fluoranthene
 Concen: 40.336 ng
 RT: 12.57 min Scan# 1783
 Delta R.T. -0.01 min
 Lab File: BF116187.D
 Acq: 12 Aug 2019 13:05

Instrument :
 BNA_F
 ClientSampleId :
 PB122156BS

Tot Ion	Ratio	Lower	Upper
202	100		
101	12.4	0.0	31.2
203	18.1	0.0	37.8

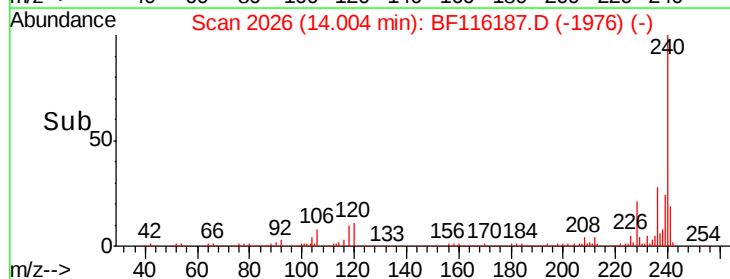
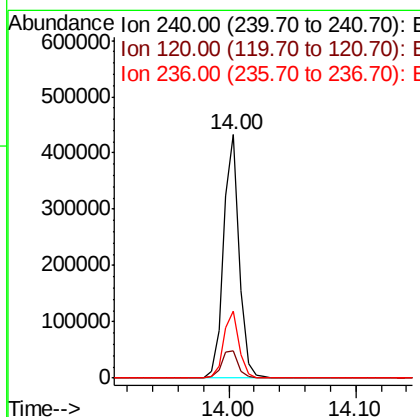
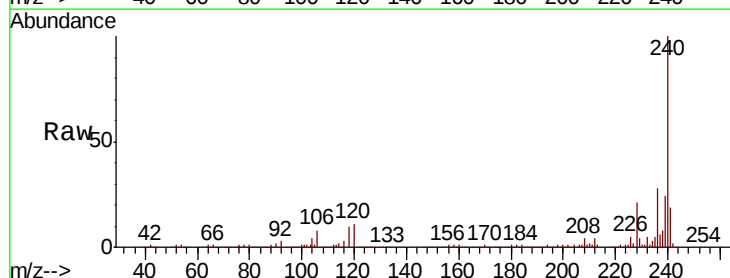
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#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.00 min Scan# 2026
 Delta R.T. -0.01 min
 Lab File: BF116187.D
 Acq: 12 Aug 2019 13:05

Tgt Ion	Ratio	Lower	Upper
240	100		
120	11.0	10.7	16.1
236	27.7	22.2	33.2





#77

Benzidine

Concen: 26.292 ng

RT: 12.69 min Scan# 1803

Delta R.T. -0.01 min

Lab File: BF116187.D

Acq: 12 Aug 2019 13:05

Instrument :

BNA_F

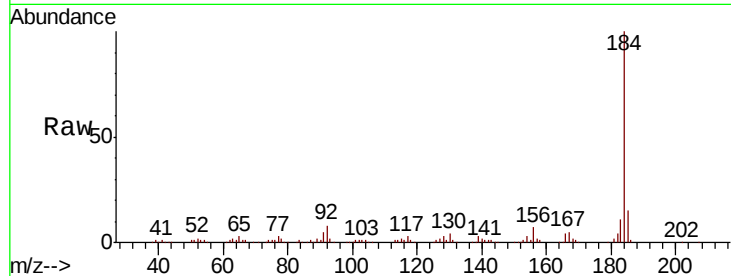
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PB122156BS

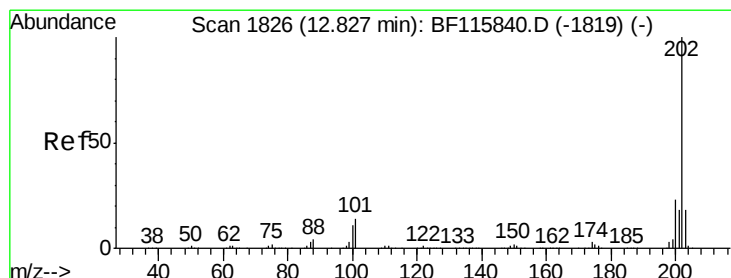
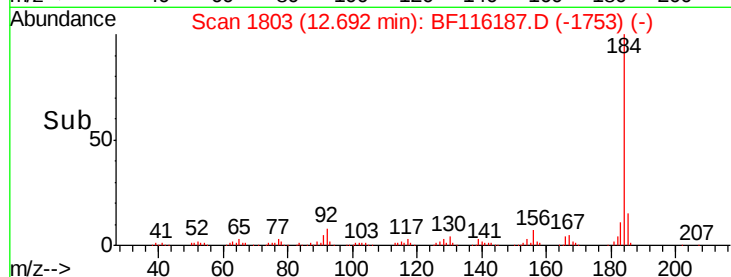
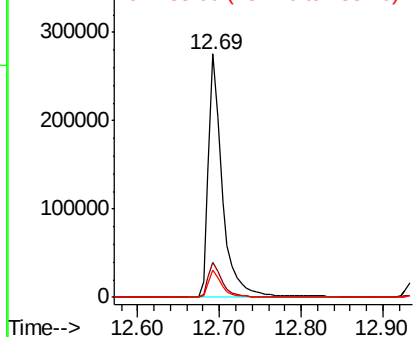
Tot Ion:	184	Resp:	329830
Ion Ratio	Lower	Upper	
184	100		
185	14.5	12.8	19.2
183	11.3	9.4	14.0

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



#78

Pyrene

Concen: 42.991 ng

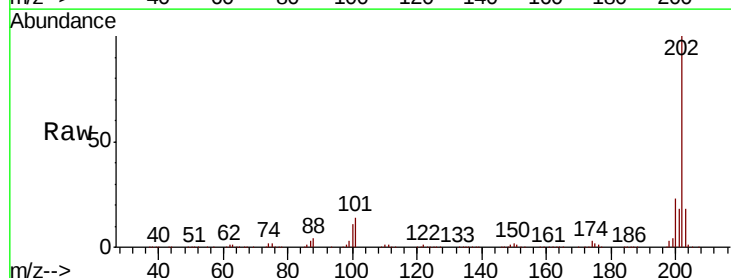
RT: 12.80 min Scan# 1822

Delta R.T. -0.01 min

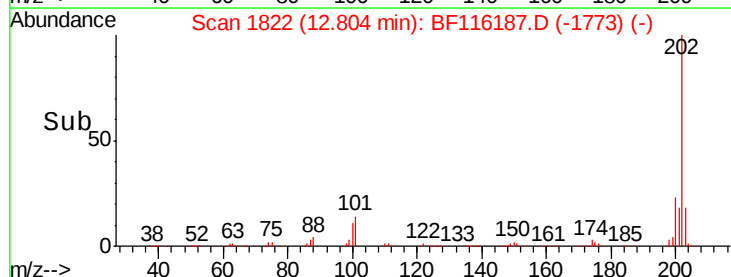
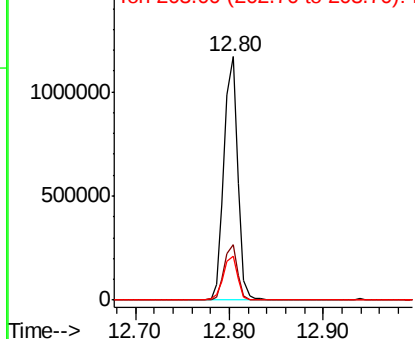
Lab File: BF116187.D

Acq: 12 Aug 2019 13:05

Tgt Ion:	202	Resp:	1203323
Ion Ratio	Lower	Upper	
202	100		
200	23.0	18.0	27.0
203	17.9	14.1	21.1



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





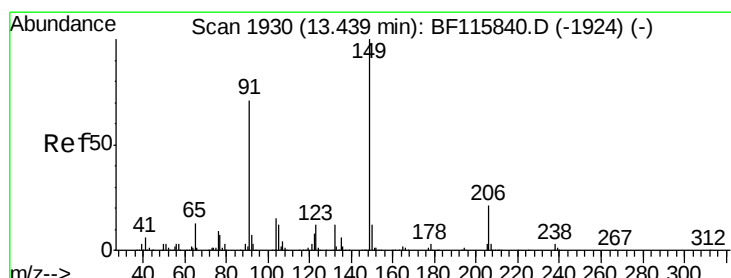
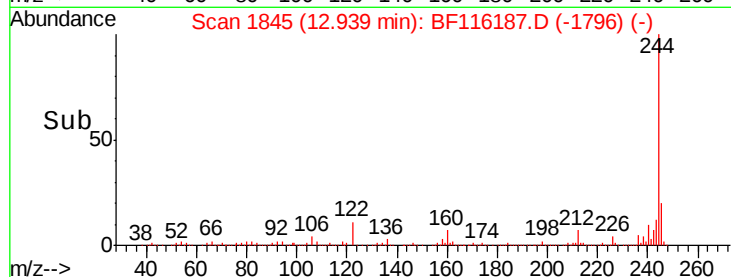
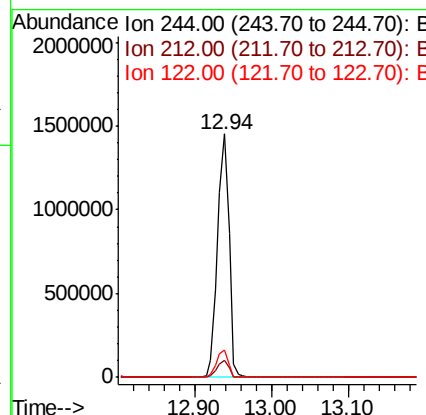
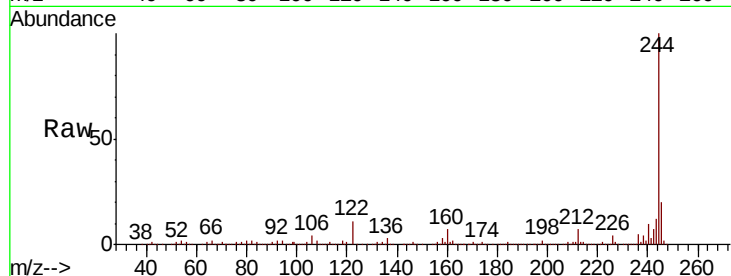
#79
 Terphenyl-d14
 Concen: 83.942 ng
 RT: 12.94 min Scan# 1845
 Delta R.T. -0.01 min
 Lab File: BF116187.D
 Acq: 12 Aug 2019 13:05

Instrument :
 BNA_F
 ClientSampleId :
 PB122156BS

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.8	8.8
122	11.4	9.0	13.4

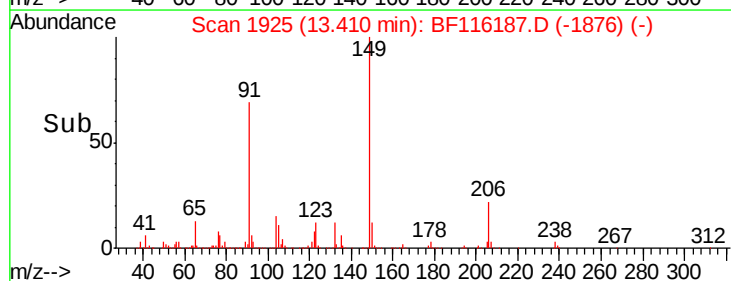
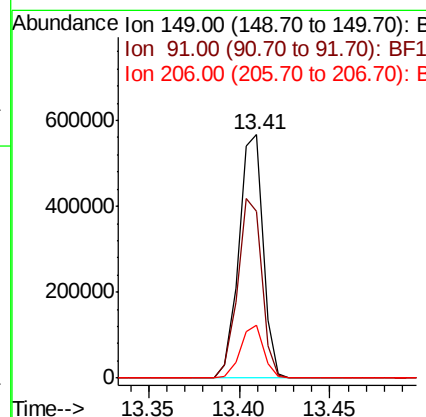
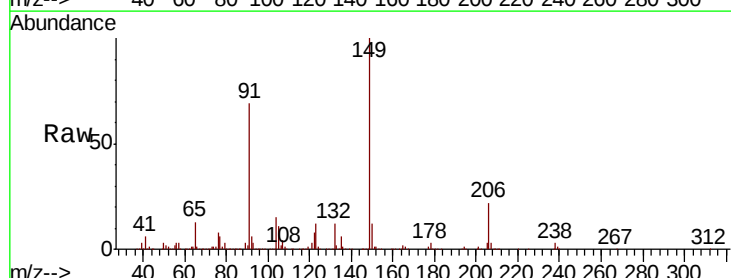
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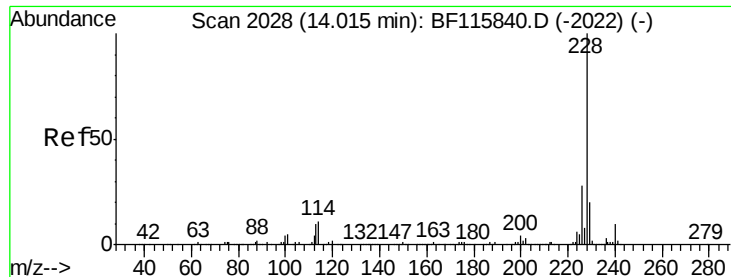
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#80
 Butylbenzylphthalate
 Concen: 44.773 ng
 RT: 13.41 min Scan# 1925
 Delta R.T. -0.01 min
 Lab File: BF116187.D
 Acq: 12 Aug 2019 13:05

Tgt Ion	Ratio	Lower	Upper
149	100		
91	68.6	56.3	84.5
206	22.0	18.0	27.0





#81

Benzo(a)anthracene

Concen: 40.359 ng

RT: 13.99 min Scan# 2024

Delta R.T. -0.01 min

Lab File: BF116187.D

Acq: 12 Aug 2019 13:05

Instrument :

BNA_F

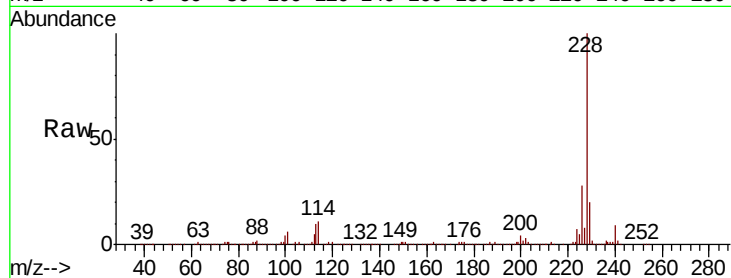
ClientSampleId :

PB122156BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
228	100				
226	28.3	22.7	34.1		
229	20.3	16.2	24.4		

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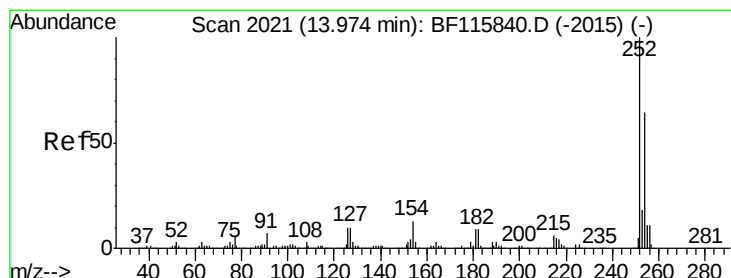
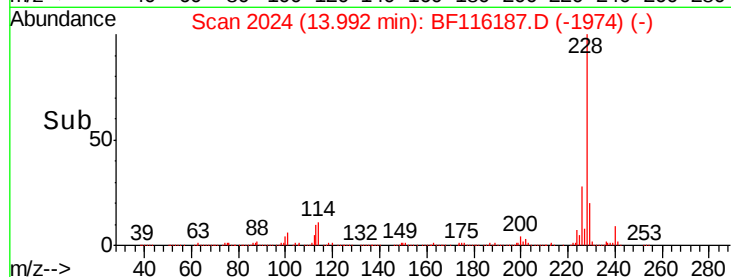
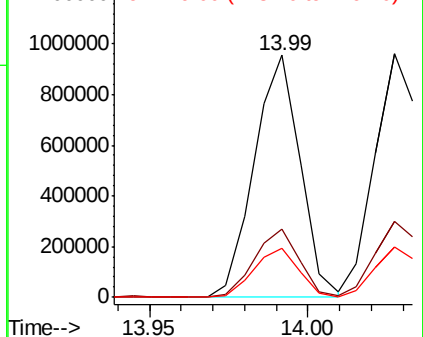


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 35.042 ng

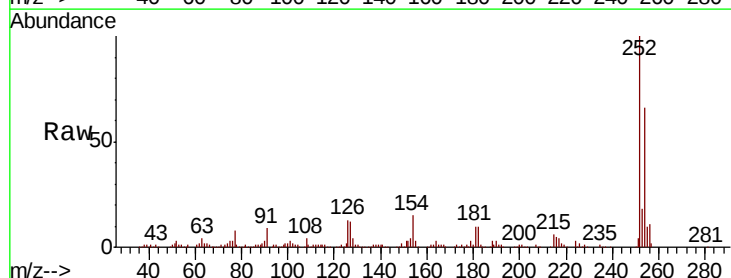
RT: 13.94 min Scan# 2016

Delta R.T. -0.01 min

Lab File: BF116187.D

Acq: 12 Aug 2019 13:05

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
252	100				
254	65.8	50.9	76.3		
126	12.6	9.8	14.8		

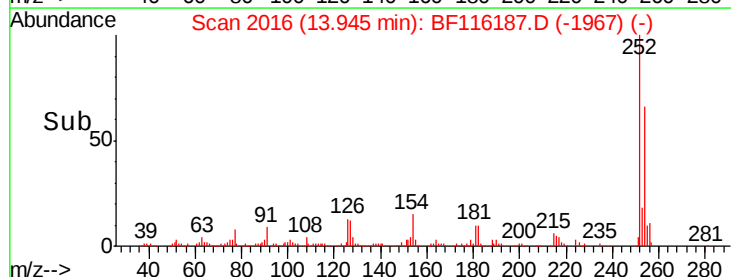
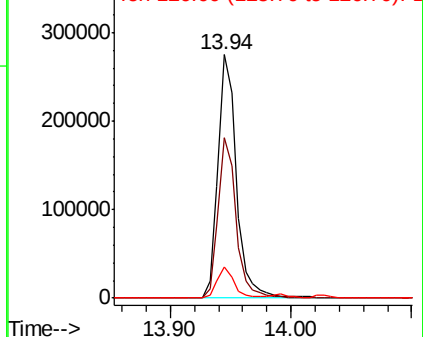


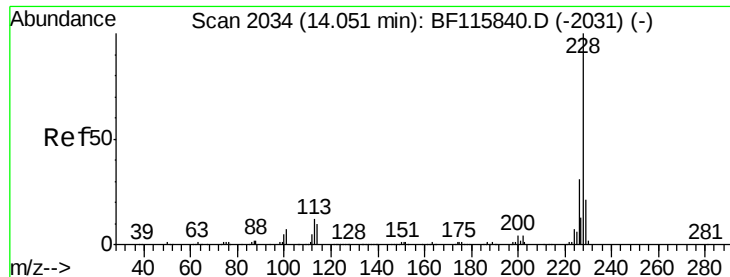
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





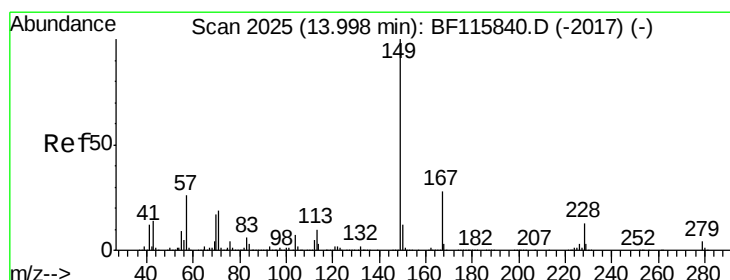
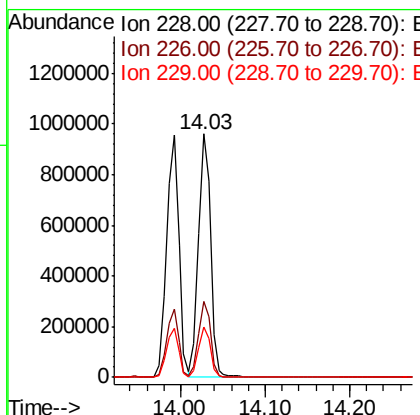
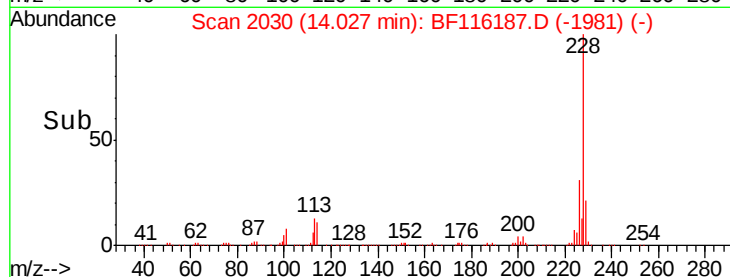
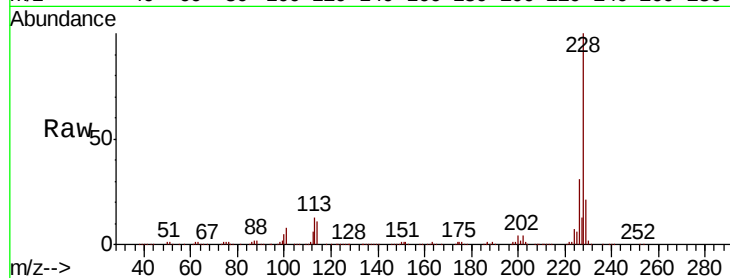
#83
 Chrvsene
 Concen: 41.012 ng
 RT: 14.03 min Scan# 2030
 Delta R.T. -0.01 min
 Lab File: BF116187.D
 Acq: 12 Aug 2019 13:05

Instrument :
 BNA_F
 ClientSampleId :
 PB122156BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.4	25.5	38.3
229	20.8	16.6	24.8

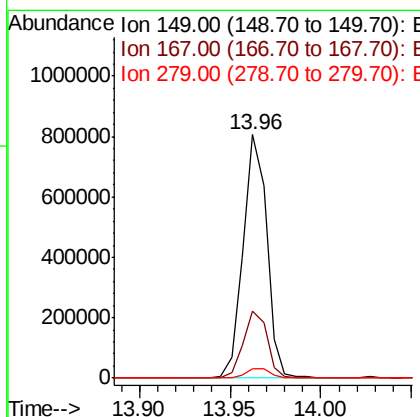
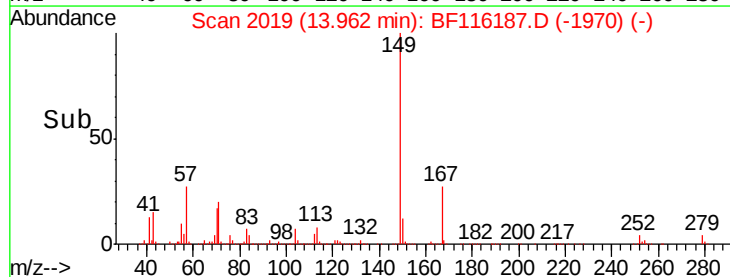
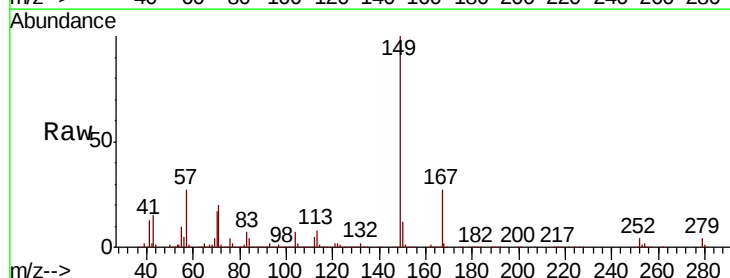
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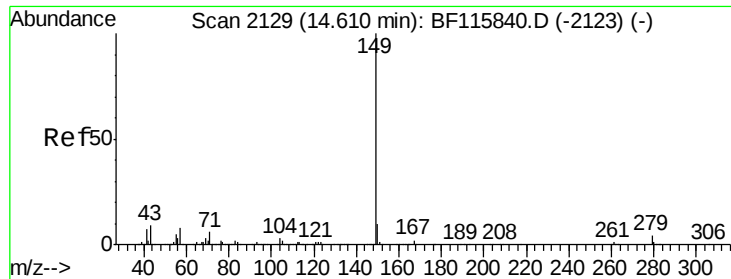
mohammad
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 47.632 ng
 RT: 13.96 min Scan# 2019
 Delta R.T. -0.01 min
 Lab File: BF116187.D
 Acq: 12 Aug 2019 13:05

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.3	21.6	32.4
279	3.8	3.0	4.4





#85

Di-n-octyl phthalate

Concen: 45.884 ng

RT: 14.57 min Scan# 2123

Delta R.T. -0.01 min

Lab File: BF116187.D

Acq: 12 Aug 2019 13:05

Instrument :

BNA_F

ClientSampleId :

PB122156BS

Tot Ion:149 Resp: 1121350

Ion Ratio Lower Upper

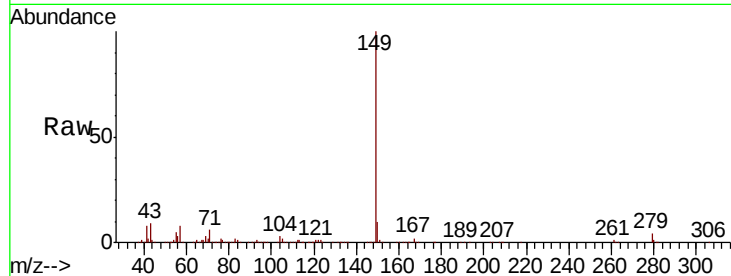
149 100

167 1.5 1.4 2.0

43 9.0 7.5 11.3

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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

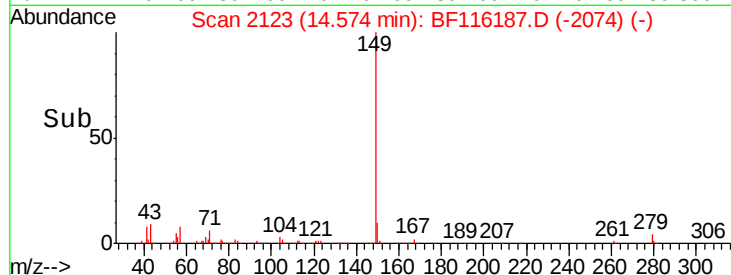
1500000

1000000

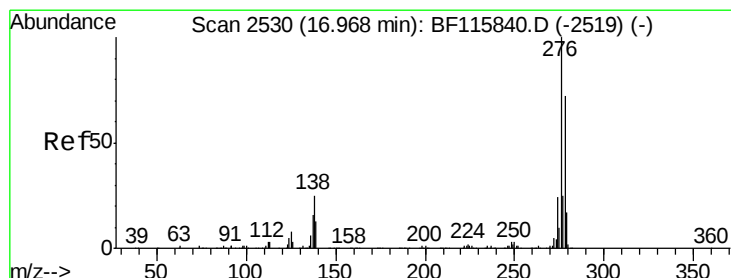
500000

0

14.50 14.60 14.70



Time-->



#86

Indeno(1,2,3-cd)pyrene

Concen: 38.094 ng

RT: 16.94 min Scan# 2526

Delta R.T. -0.01 min

Lab File: BF116187.D

Acq: 12 Aug 2019 13:05

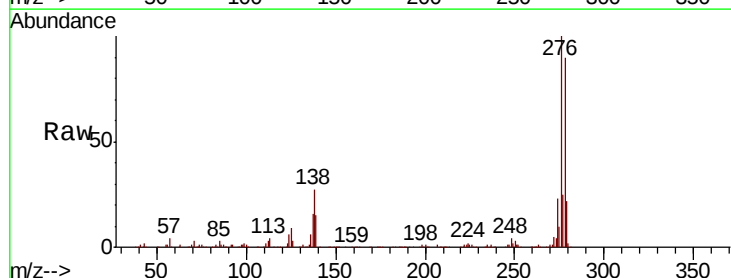
Tgt Ion:276 Resp: 737209

Ion Ratio Lower Upper

276 100

138 26.0 20.4 30.6

277 25.2 20.0 30.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

400000

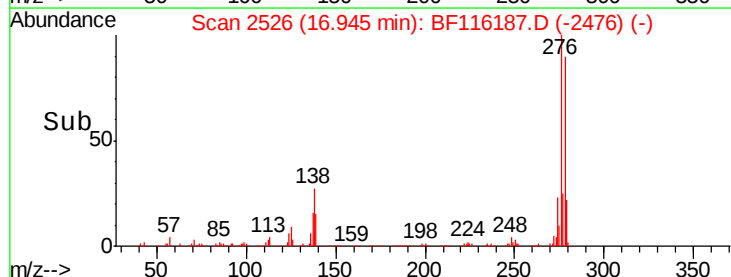
300000

200000

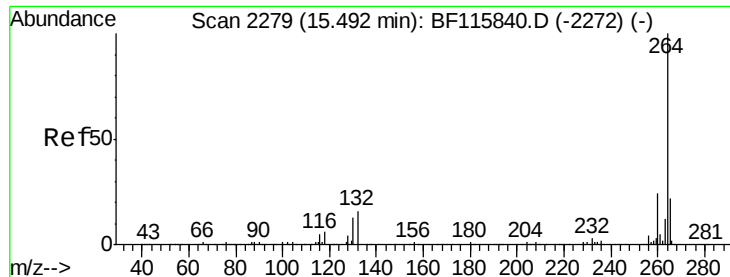
100000

0

16.80 17.00 17.20



Time-->



#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.47 min Scan# 2275

Delta R.T. -0.01 min

Lab File: BF116187.D

Acq: 12 Aug 2019 13:05

Instrument :

BNA_F

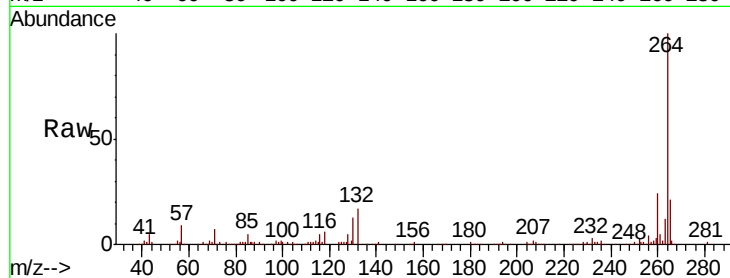
ClientSampleID :

PB122156BS

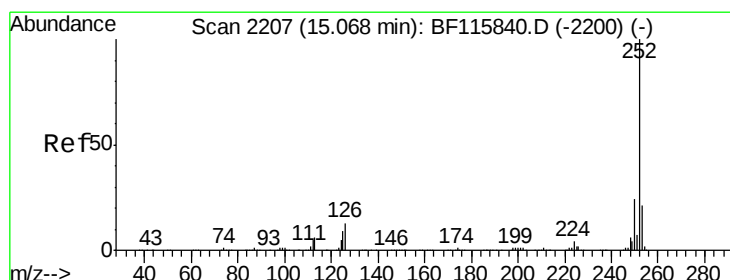
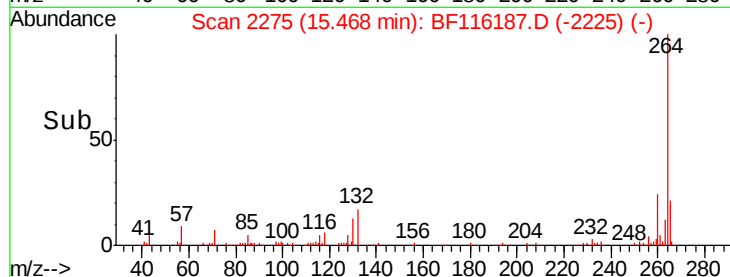
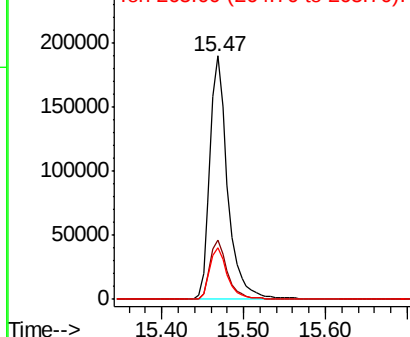
Tot Ion:	264	Resp:	288233
Ion Ratio	Lower	Upper	
264	100		
260	24.4	19.7	29.5
265	21.2	17.4	26.0

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Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 48.920 ng

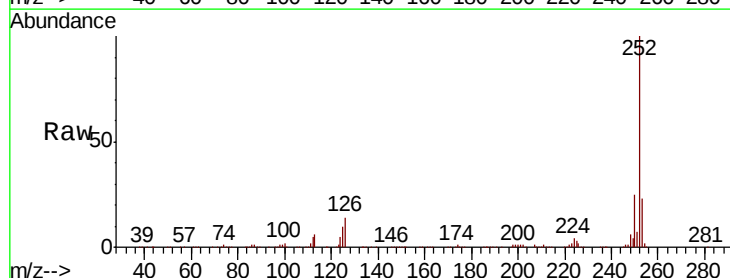
RT: 15.04 min Scan# 2203

Delta R.T. -0.01 min

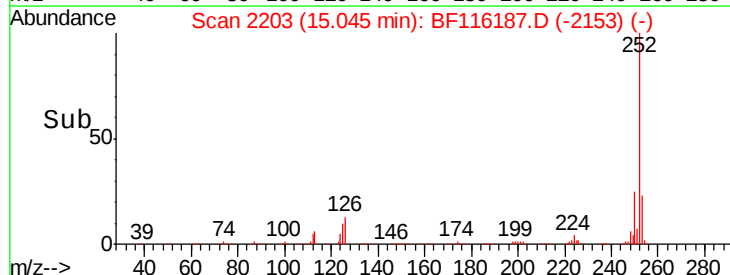
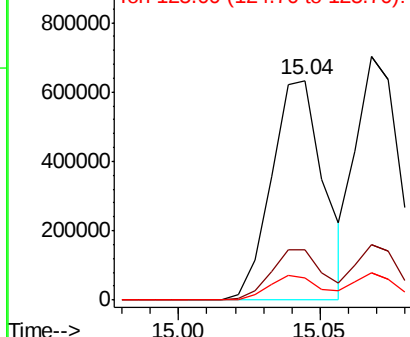
Lab File: BF116187.D

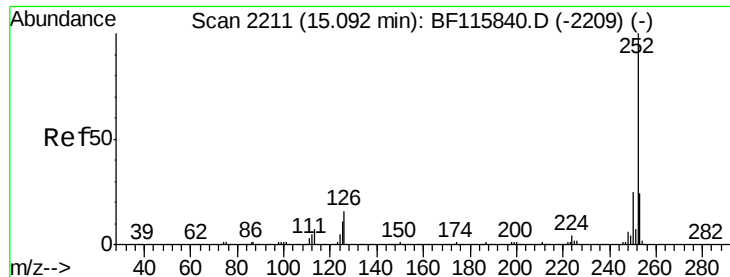
Acq: 12 Aug 2019 13:05

Tgt Ion:	252	Resp:	815306
Ion Ratio	Lower	Upper	
252	100		
253	22.7	17.8	26.8
125	10.0	8.4	12.6



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





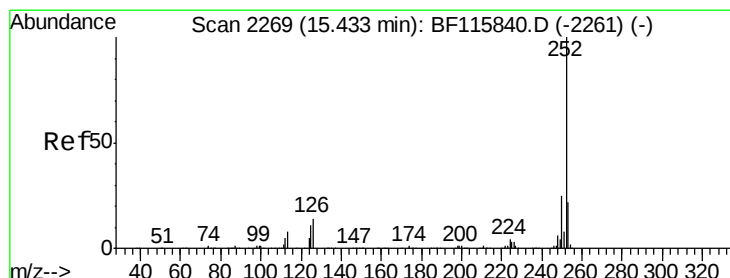
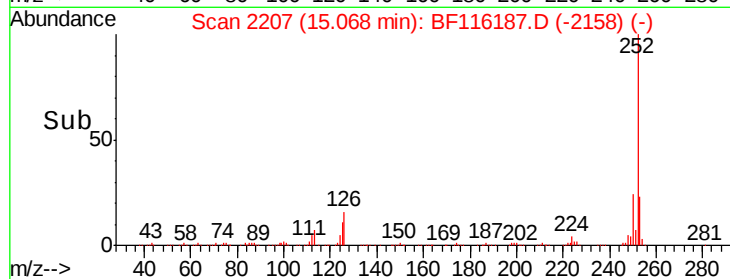
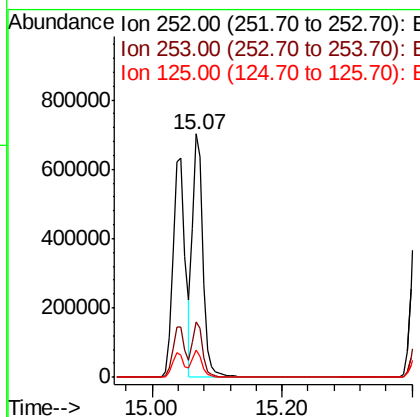
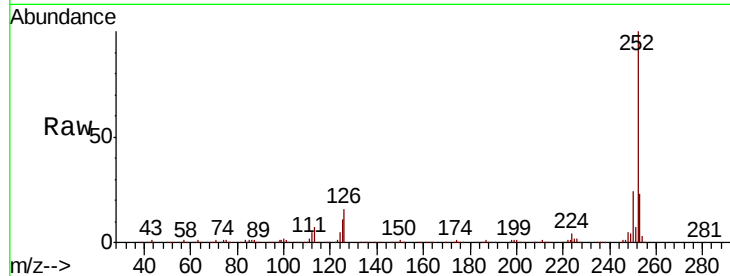
#89
Benzo(k)fluoranthene
Concen: 48.194 ng
RT: 15.07 min Scan# 2207
Delta R.T. -0.01 min
Lab File: BF116187.D
Acq: 12 Aug 2019 13:05

Instrument :
BNA_F
ClientSampleId :
PB122156BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.8	26.8
125	11.0	7.7	11.5

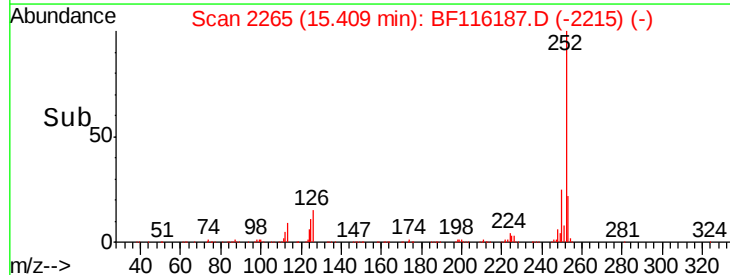
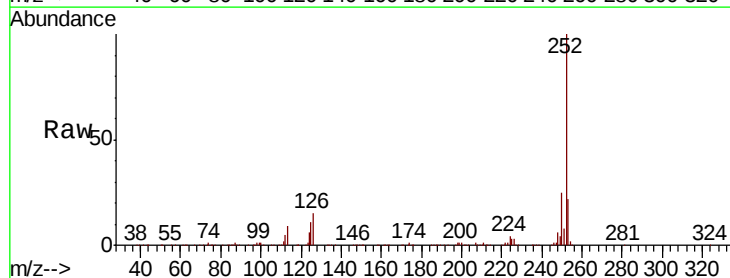
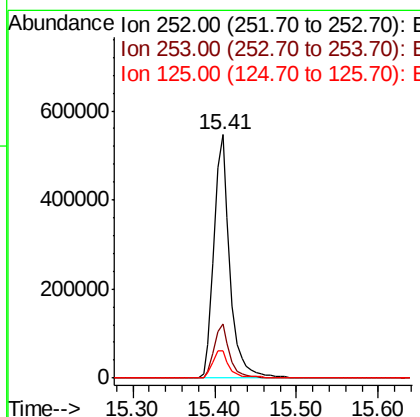
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#90
Benzo(a)pyrene
Concen: 49.868 ng
RT: 15.41 min Scan# 2265
Delta R.T. -0.01 min
Lab File: BF116187.D
Acq: 12 Aug 2019 13:05

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.0	27.0
125	11.4	8.9	13.3





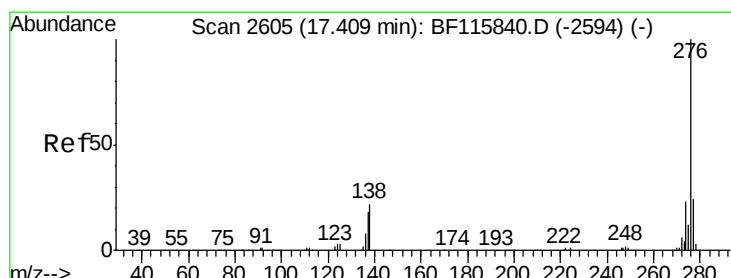
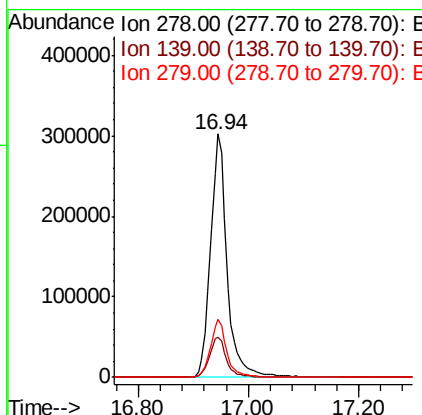
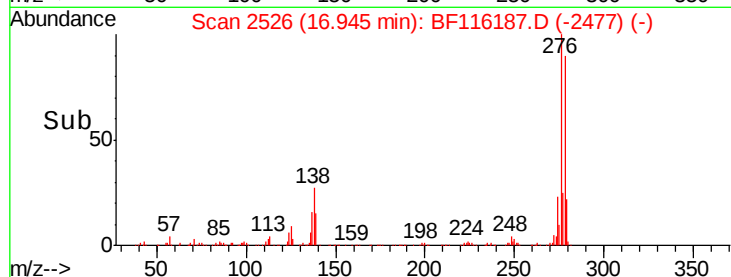
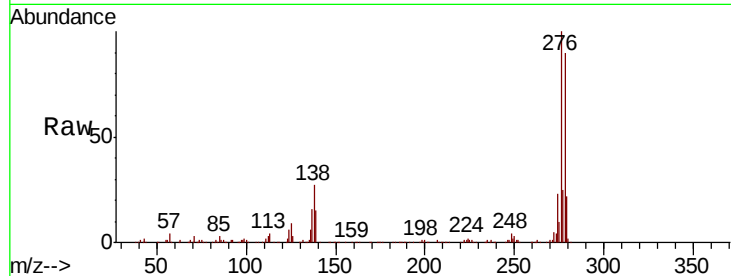
#91
Dibenzo(a,h)anthracene
Concen: 48.438 ng
RT: 16.94 min Scan# 2526
Delta R.T. -0.01 min
Lab File: BF116187.D
Acq: 12 Aug 2019 13:05

Instrument :
BNA_F
ClientSampleId :
PB122156BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	16.6	12.8	19.2
279	24.1	18.8	28.2

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#92
Benzo(g,h,i)perylene
Concen: 48.633 ng
RT: 17.39 min Scan# 2601
Delta R.T. -0.00 min
Lab File: BF116187.D
Acq: 12 Aug 2019 13:05

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.0	18.4	27.6
138	22.7	17.0	25.6

