

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031020\
 Data File : BF119313.D
 Acq On : 10 Mar 2020 13:07
 Operator : CG/JU
 Sample : PB127381BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB127381BS

Manual Integrations
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 3/11/2020 4:57:48 PM

Quant Time: Mar 11 02:04:18 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 06 23:38:46 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	117387	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	456090	20.00	ng	0.00
39) Acenaphthene-d10	9.76	164	265807	20.00	ng	0.00
64) Phenanthrene-d10	11.25	188	498817	20.00	ng	0.00
76) Chrysene-d12	13.89	240	350509	20.00	ng	0.00
87) Perylene-d12	15.32	264	264546	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.37	112	870958	123.99	ng	0.02
7) Phenol-d6	6.39	99	1041555	121.92	ng	0.01
23) Nitrobenzene-d5	7.30	82	633970	73.39	ng	0.00
42) 2,4,6-Tribromophenol	10.56	330	407304	117.14	ng	0.00
45) 2-Fluorobiphenyl	9.09	172	1286745	71.31	ng	0.00
79) Terphenyl-d14	12.83	244	1581757	77.69	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.49	88	119907	38.341	ng	99
3) Pyridine	3.23	79	270962	31.725	ng	97
4) n-Nitrosodimethylamine	3.16	42	112456	43.464	ng	99
6) Aniline	6.40	93	317440	30.115	ng	90
8) 2-Chlorophenol	6.52	128	354939	46.823	ng	99
9) Benzaldehyde	6.28	77	147612	25.863	ng	99
10) Phenol	6.40	94	416227	45.065	ng	87
11) bis(2-Chloroethyl)ether	6.47	93	319745	45.245	ng	99
12) 1,3-Dichlorobenzene	6.67	146	377558	41.555	ng	99
13) 1,4-Dichlorobenzene	6.75	146	388594	42.741	ng	97
14) 1,2-Dichlorobenzene	6.90	146	357738	43.143	ng	98
15) Benzyl Alcohol	6.88	79	291775	47.258	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.00	45	253899	41.474	ng	# 14
17) 2-Methylphenol	7.00	107	291048	47.356	ng	93
18) Hexachloroethane	7.23	117	137358	42.228	ng	95
19) n-Nitroso-di-n-propylamine	7.15	70	239997	48.213	ng	99
20) 3+4-Methylphenols	7.16	107	384384	51.050	ng	# 86
22) Acetophenone	7.14	105	479051	45.396	ng	# 95
24) Nitrobenzene	7.32	77	374939	43.893	ng	99
25) Isophorone	7.55	82	674047	44.931	ng	98
26) 2-Nitrophenol	7.63	139	200918	44.391	ng	99
27) 2,4-Dimethylphenol	7.68	122	311490	50.709	ng	99
28) bis(2-Chloroethoxy)methane	7.76	93	408917	41.878	ng	99
29) 2,4-Dichlorophenol	7.89	162	321261	44.426	ng	98
30) 1,2,4-Trichlorobenzene	7.95	180	340517	39.716	ng	99
31) Naphthalene	8.03	128	1024451	43.311	ng	98
32) Benzoic acid	7.85	122	156731	36.782	ng	98
33) 4-Chloroaniline	8.09	127	280323	27.554	ng	100
34) Hexachlorobutadiene	8.15	225	206996	38.759	ng	99
35) Caprolactam	8.47	113	104329m	46.855	ng	
36) 4-Chloro-3-methylphenol	8.59	107	344415	47.061	ng	99
37) 2-Methylnaphthalene	8.72	142	715140	44.926	ng	98
38) 1-Methylnaphthalene	8.82	142	664872	44.413	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.89	216	356625	39.793	ng	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.87	237	109423	38.999	nq	99
43) 2,4,6-Trichlorophenol	9.02	196	218658	38.636	nq	98
44) 2,4,5-Trichlorophenol	9.07	196	227676	38.338	nq	99
46) 1,1'-Biphenyl	9.19	154	866440	40.332	nq	98
47) 2-Chloronaphthalene	9.21	162	692421	39.997	nq	98
48) 2-Nitroaniline	9.32	65	207623	42.999	nq	92
49) Acenaphthylene	9.63	152	1059105	42.359	nq	99
50) Dimethylphthalate	9.49	163	841742	41.413	nq	100
51) 2,6-Dinitrotoluene	9.56	165	191995	42.516	nq	99
52) Acenaphthene	9.80	154	627426	41.616	nq	99
53) 3-Nitroaniline	9.73	138	138884	27.742	nq	95
54) 2,4-Dinitrophenol	9.86	184	138470	64.671	nq	# 90
55) Dibenzofuran	9.97	168	928535	41.262	nq	99
56) 4-Nitrophenol	9.93	139	137581	45.740	nq	97
57) 2,4-Dinitrotoluene	9.97	165	243992	41.685	nq	94
58) Fluorene	10.31	166	766134	43.813	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.10	232	191641	38.244	nq	98
60) Diethylphthalate	10.19	149	834483	43.566	nq	99
61) 4-Chlorophenyl-phenylether	10.30	204	400522	43.272	nq	99
62) 4-Nitroaniline	10.35	138	171370	33.458	nq	96
63) Azobenzene	10.46	77	738556	44.359	nq	97
65) 4,6-Dinitro-2-methylphenol	10.39	198	127791	42.337	nq	95
66) n-Nitrosodiphenylamine	10.42	169	691868	42.360	nq	100
67) 4-Bromophenyl-phenylether	10.79	248	262192	40.212	nq	99
68) Hexachlorobenzene	10.87	284	301775	40.143	nq	99
69) Atrazine	10.96	200	248103	43.476	nq	98
70) Pentachlorophenol	11.07	266	177693	58.679	nq	98
71) Phenanthrene	11.27	178	1137016	41.797	nq	98
72) Anthracene	11.33	178	1173973	43.192	nq	98
73) Carbazole	11.49	167	1023906	42.285	nq	99
74) Di-n-butylphthalate	11.80	149	1260814	42.996	nq	99
75) Fluoranthene	12.46	202	1203926	41.694	nq	99
77) Benzidine	12.58	184	307494	21.571	nq	99
78) Pyrene	12.69	202	1212849	43.092	nq	99
80) Butylbenzylphthalate	13.30	149	529882	44.732	nq	98
81) Benzo(a)anthracene	13.88	228	1023105	42.839	nq	99
82) 3,3'-Dichlorobenzidine	13.84	252	299286	32.273	nq	99
83) Chrysene	13.92	228	985326	41.406	nq	98
84) Bis(2-ethylhexyl)phthalate	13.86	149	713646	47.687	nq	99
85) Di-n-octyl phthalate	14.46	149	1120604	46.997	nq	99
86) Indeno(1,2,3-cd)pyrene	16.73	276	786521	34.134	nq	100
88) Benzo(b)fluoranthene	14.91	252	929992	53.333	nq	100
89) Benzo(k)fluoranthene	14.94	252	786098	48.646	nq	100
90) Benzo(a)pyrene	15.26	252	740859	47.075	nq	98
91) Dibenzo(a,h)anthracene	16.73	278	664378	47.979	nq	99
92) Benzo(g,h,i)perylene	17.16	276	650837	47.569	nq	99

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

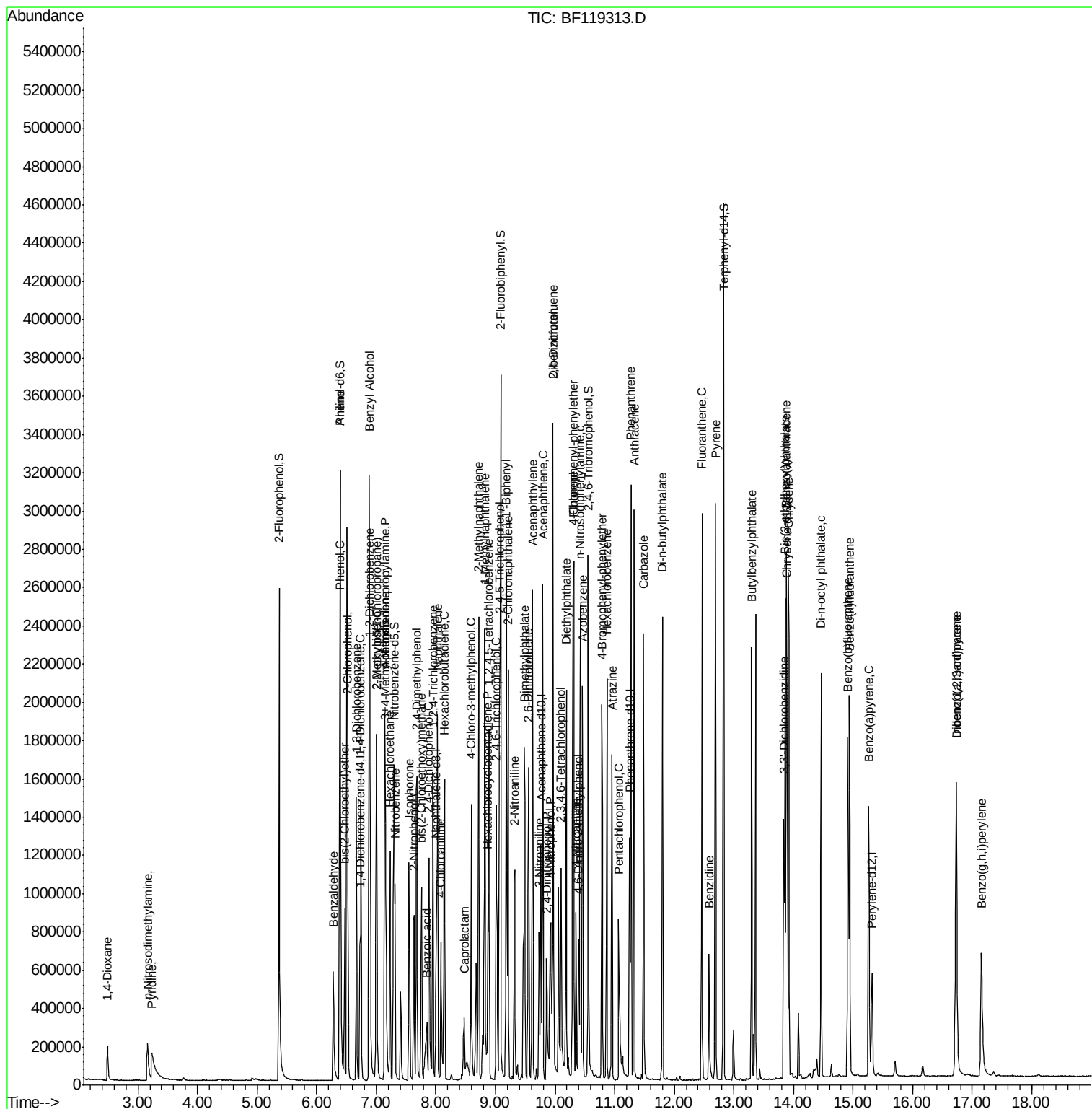
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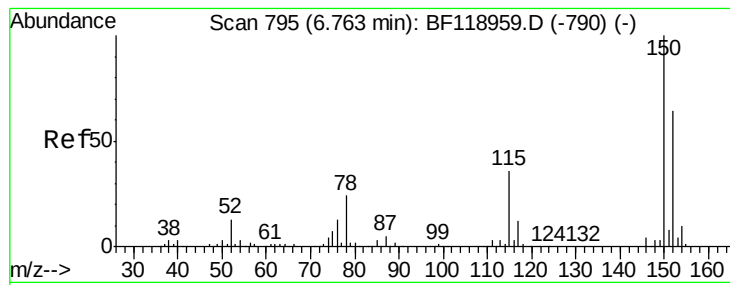
Instrument :
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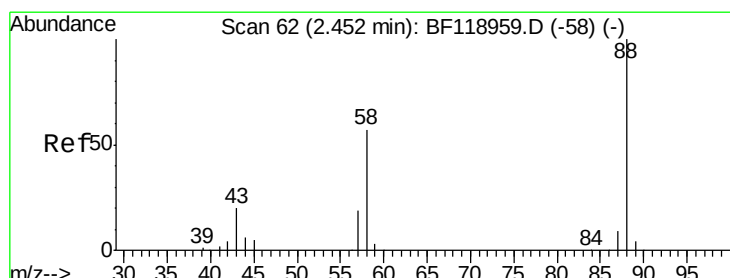
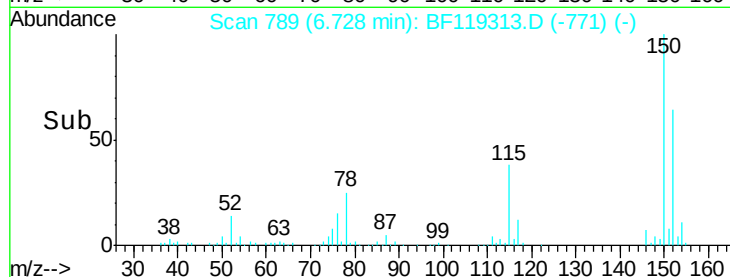
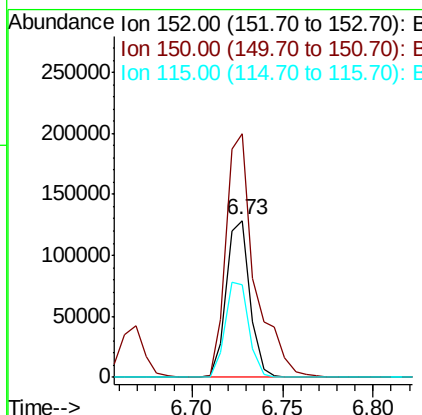
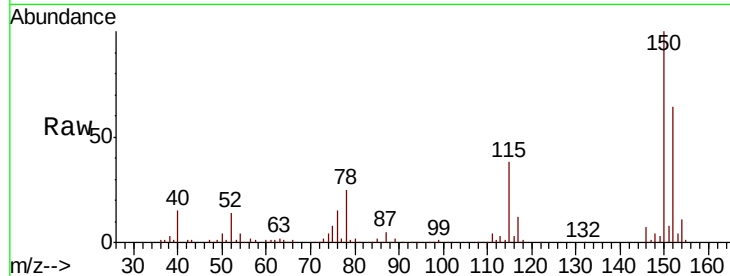
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 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.73 min Scan# 789
 Delta R.T. 0.01 min
 Lab File: BF119313.D
 Acq: 10 Mar 2020 13:07

Instrument :
 BNA_F
 ClientSampled :
 PB127381BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.2	123.0	184.6
115	59.2	49.5	74.3

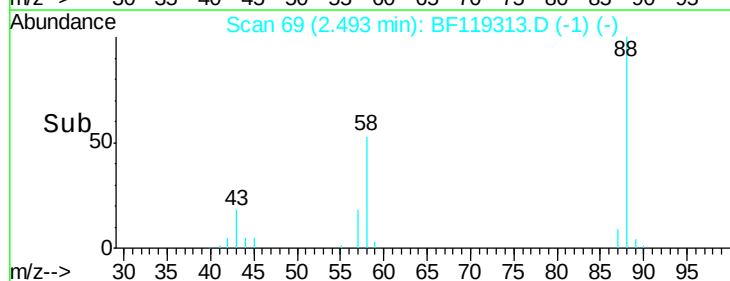
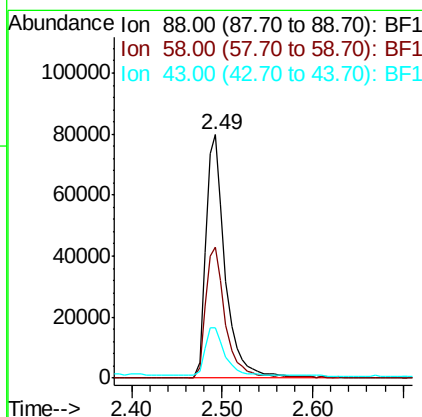
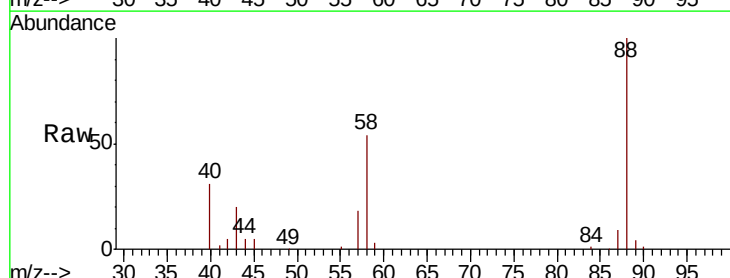
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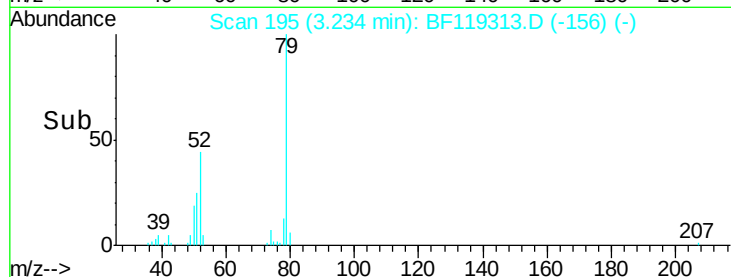
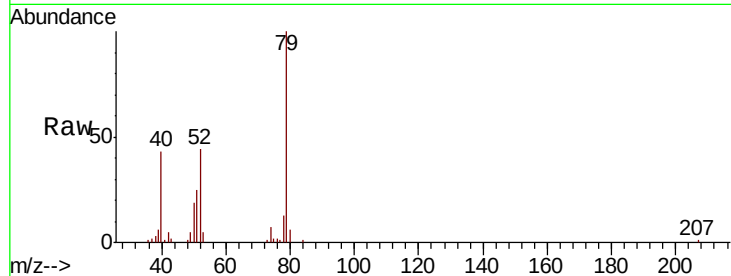
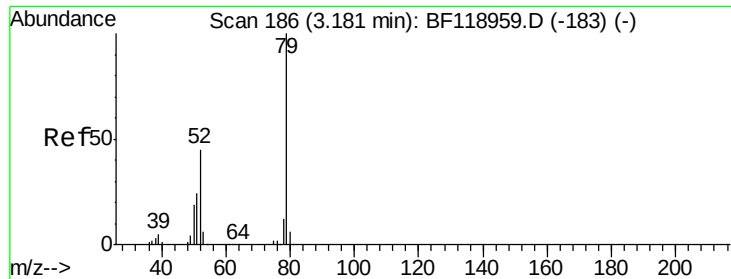
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#2
 1,4-Dioxane
 Concen: 38.341 ng
 RT: 2.49 min Scan# 69
 Delta R.T. 0.11 min
 Lab File: BF119313.D
 Acq: 10 Mar 2020 13:07

Tgt Ion	Ratio	Lower	Upper
88	100		
58	55.8	43.8	65.6
43	20.1	16.2	24.4





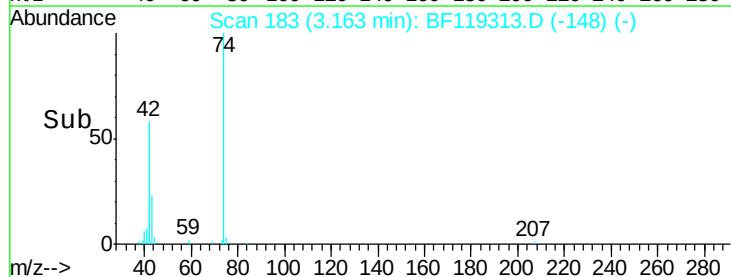
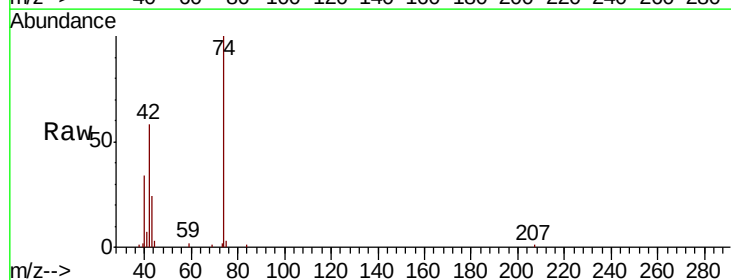
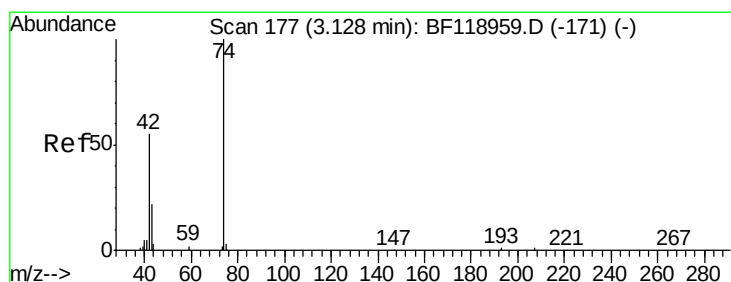
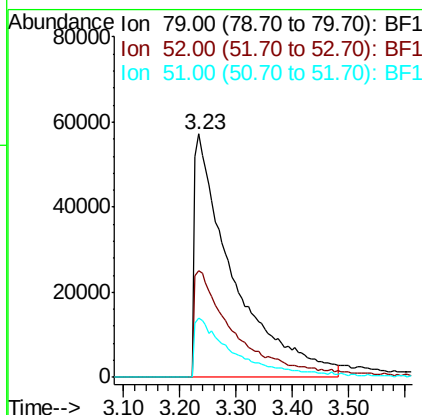
#3
 Pvridine
 Concen: 31.725 ng
 RT: 3.23 min Scan# 195
 Delta R.T. 0.13 min
 Lab File: BF119313.D
 Acq: 10 Mar 2020 13:07

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	79	100	270962		
52	52	43.6		37.4	56.0
51	51	24.5		19.8	29.6

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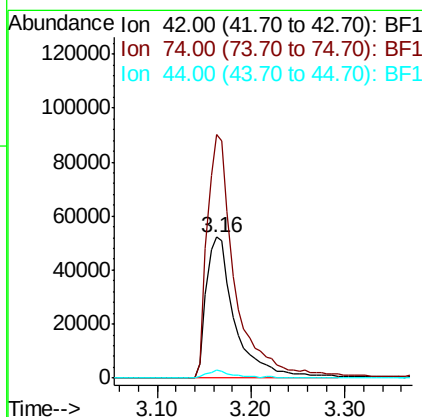
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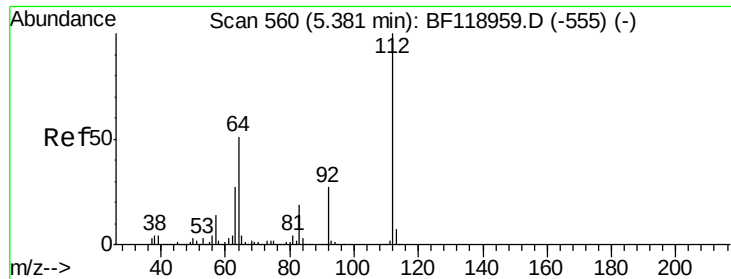
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#4
 n-Nitrosodimethylamine
 Concen: 43.464 ng
 RT: 3.16 min Scan# 183
 Delta R.T. 0.11 min
 Lab File: BF119313.D
 Acq: 10 Mar 2020 13:07

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
42	42	100	112456		
74	74	172.9		137.7	206.5
44	44	5.4		4.5	6.7





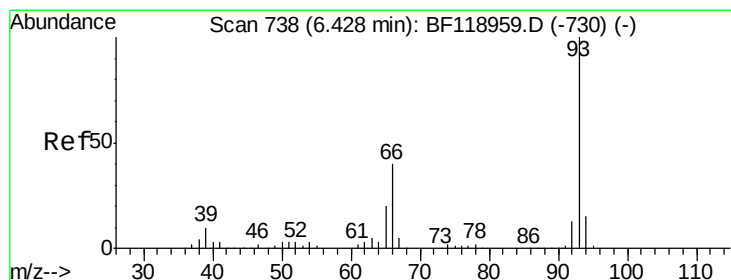
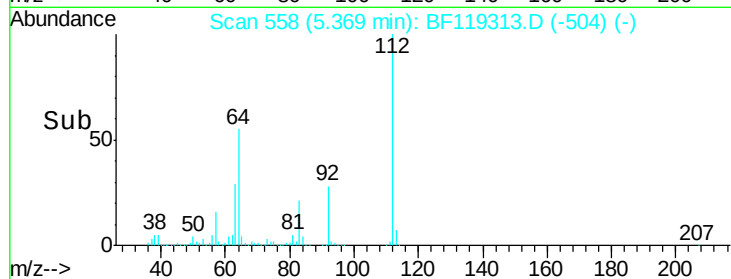
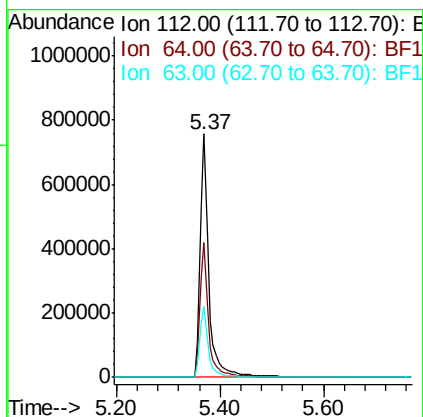
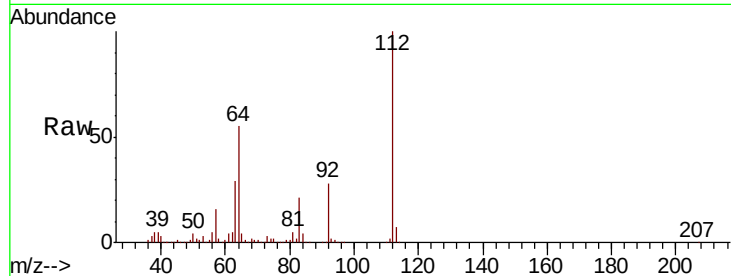
#5
2-Fluorophenol
Concen: 123.994 ng
RT: 5.37 min Scan# 558
Delta R.T. 0.02 min
Lab File: BF119313.D
Acq: 10 Mar 2020 13:07

Instrument :
BNA_F
ClientSampleId :
PB127381BS

Tot Ion	Ratio	Resp	Lower	Upper
112	100	870958		
64	55.3		45.0	67.4
63	29.3		24.2	36.4

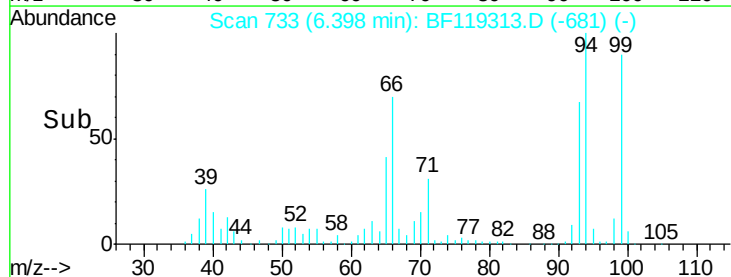
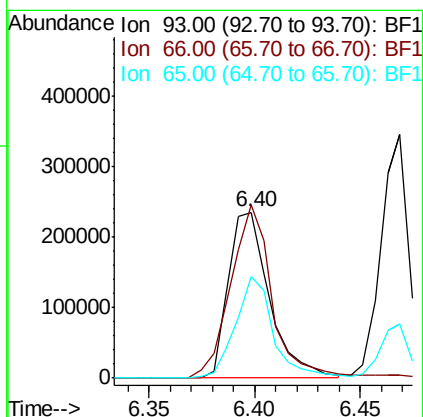
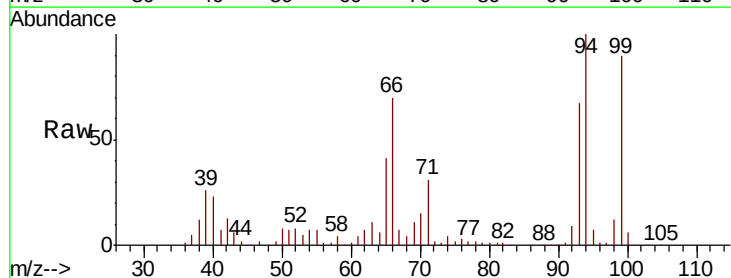
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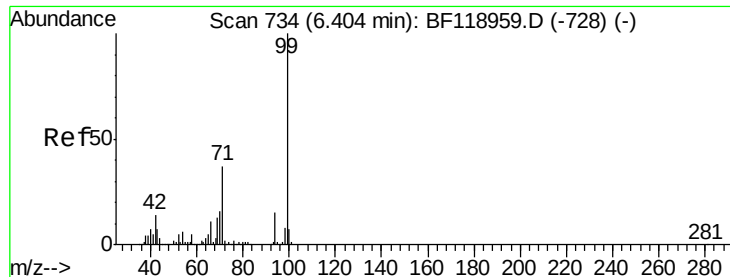
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#6
Aniline
Concen: 30.115 ng
RT: 6.40 min Scan# 733
Delta R.T. 0.01 min
Lab File: BF119313.D
Acq: 10 Mar 2020 13:07

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	317440		
66	104.2		74.5	111.7
65	61.1		45.3	67.9





#7

Phenol-d6

Concen: 121.923 ng

RT: 6.39 min Scan# 732

Delta R.T. 0.01 min

Lab File: BF119313.D

Acq: 10 Mar 2020 13:07

Instrument :

BNA_F

ClientSampleId :

PB127381BS

Tot Ion: 99 Resp: 1041555

Ion Ratio Lower Upper

99 100

42 16.2 12.6 18.8

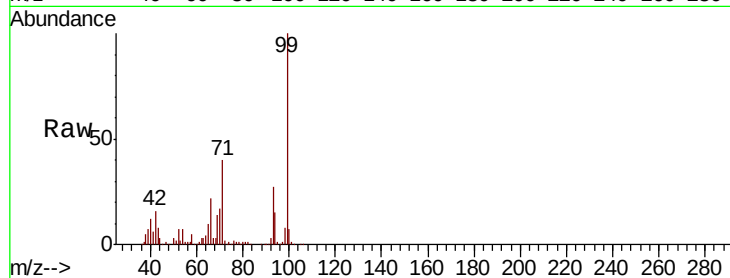
71 39.9 31.0 46.4

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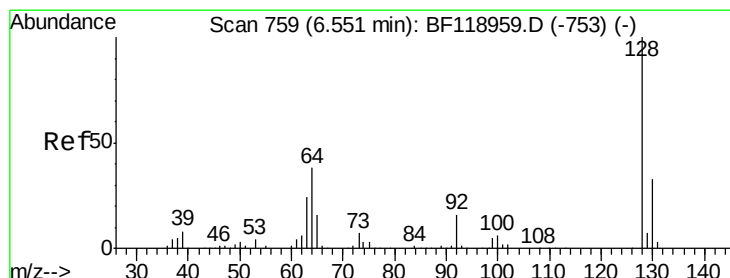
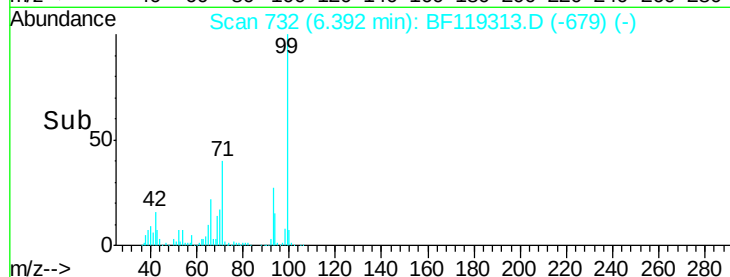
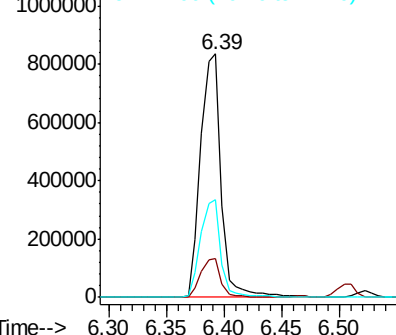
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Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 46.823 ng

RT: 6.52 min Scan# 754

Delta R.T. 0.00 min

Lab File: BF119313.D

Acq: 10 Mar 2020 13:07

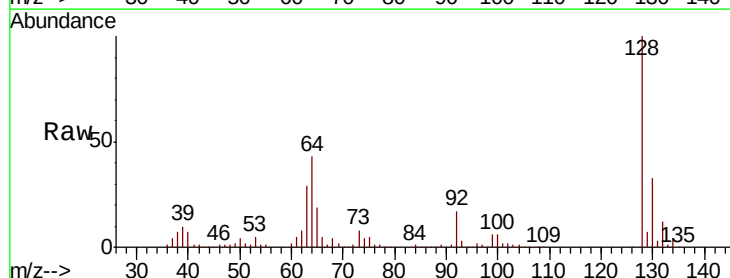
Tgt Ion: 128 Resp: 354939

Ion Ratio Lower Upper

128 100

130 32.7 12.7 52.7

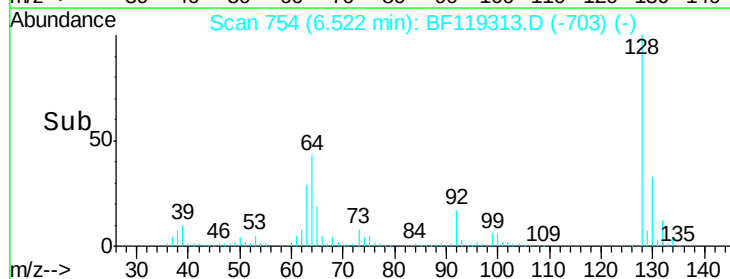
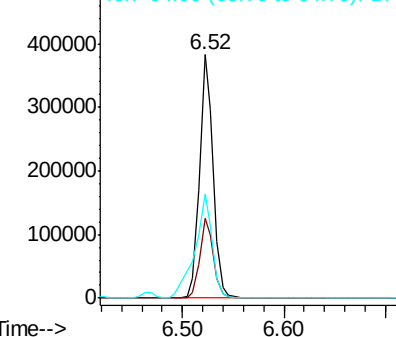
64 42.9 22.3 62.3

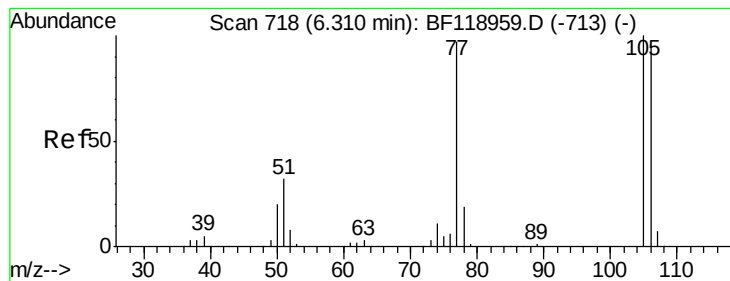


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 25.863 ng

RT: 6.28 min Scan# 713

Delta R.T. 0.00 min

Lab File: BF119313.D

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Instrument :

BNA_F

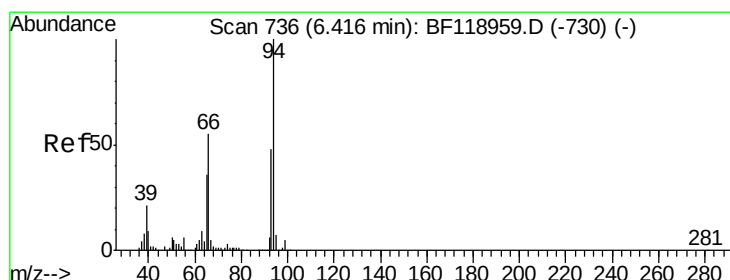
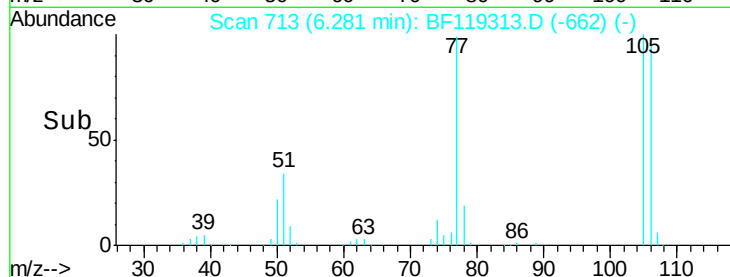
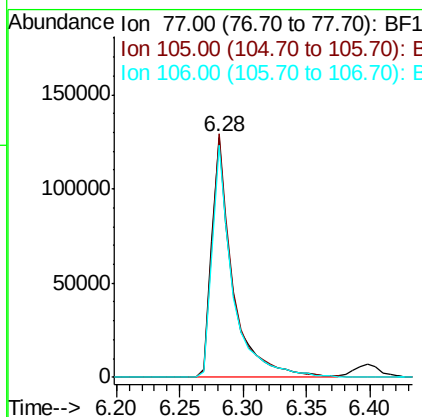
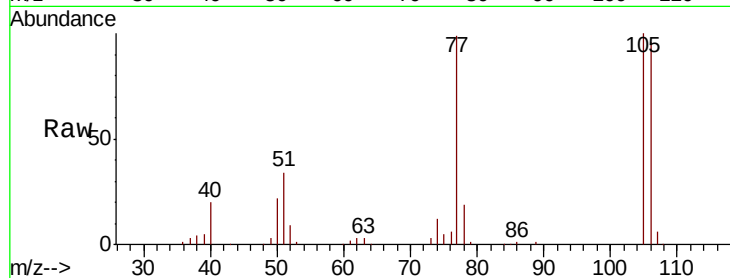
ClientSampleId :

PB127381BS

Tot Ion:	77	Resp:	147612
Ion Ratio	Lower	Upper	
77	100		
105	101.4	80.1	120.1
106	96.8	75.9	115.9

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#10

Phenol

Concen: 45.065 ng

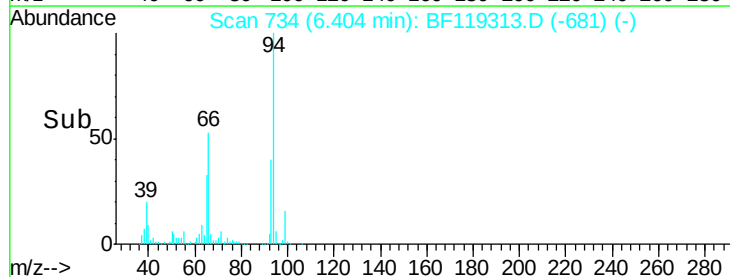
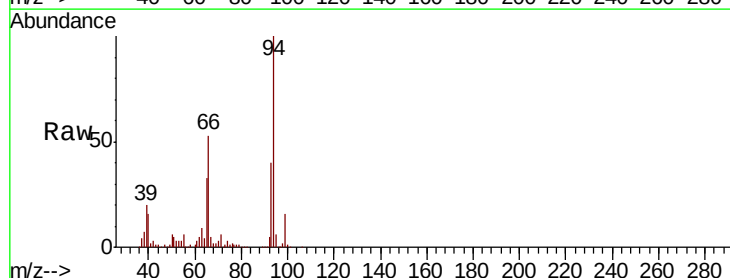
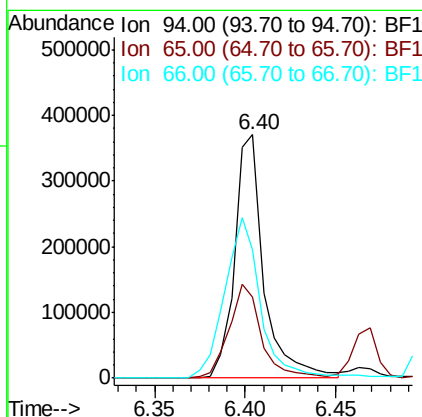
RT: 6.40 min Scan# 734

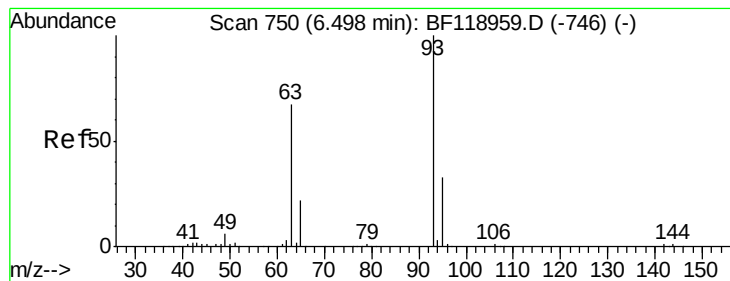
Delta R.T. 0.01 min

Lab File: BF119313.D

Acq: 10 Mar 2020 13:07

Tgt Ion:	94	Resp:	416227
Ion Ratio	Lower	Upper	
94	100		
65	33.4	19.2	59.2
66	52.5	44.4	84.4





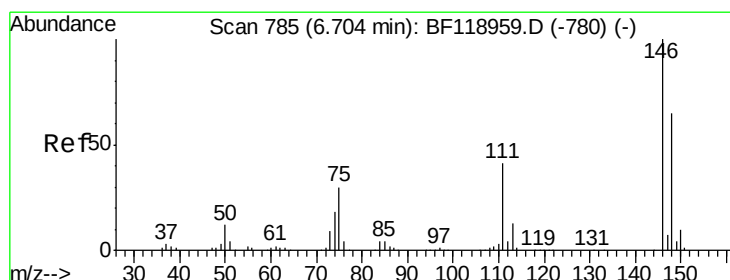
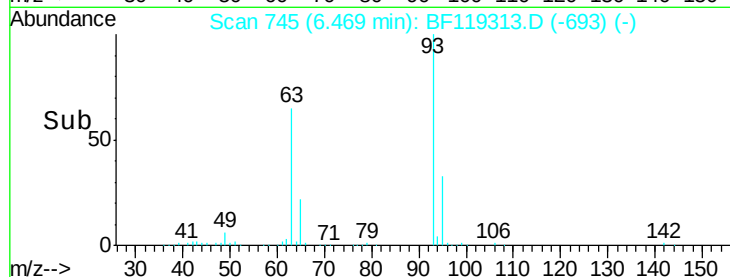
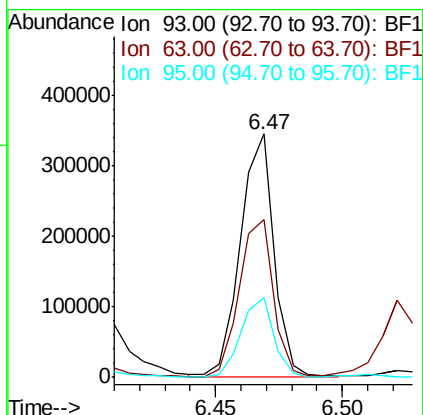
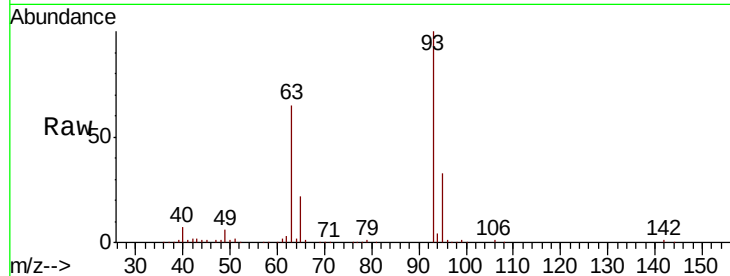
#11
bis(2-Chloroethyl)ether
Concen: 45.245 ng
RT: 6.47 min Scan# 745
Delta R.T. 0.01 min
Lab File: BF119313.D
Acq: 10 Mar 2020 13:07

Instrument :
BNA_F
ClientSampleId :
PB127381BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	64.8	45.4	85.4
95	32.5	13.5	53.5

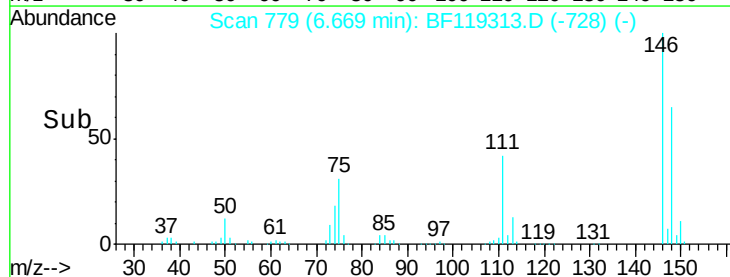
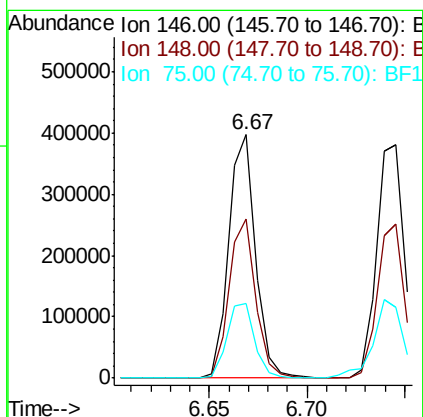
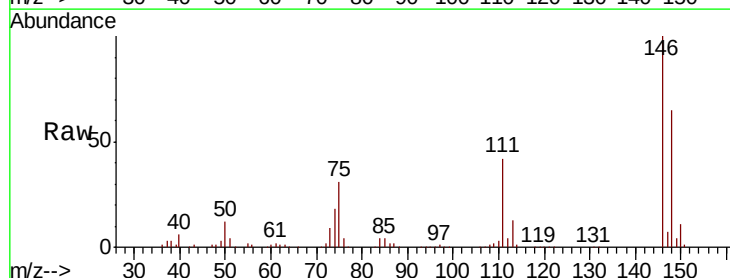
Manual Integrations
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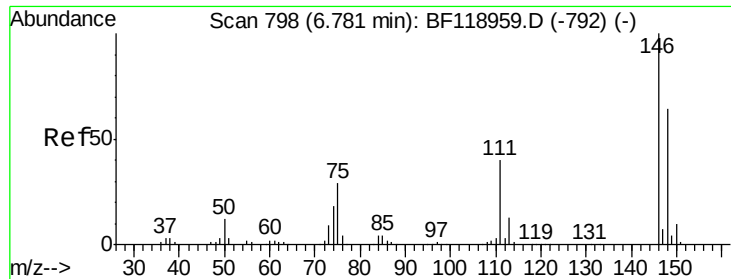
mohammad
3/11/2020 4:57:48 PM



#12
1,3-Dichlorobenzene
Concen: 41.555 ng
RT: 6.67 min Scan# 779
Delta R.T. 0.00 min
Lab File: BF119313.D
Acq: 10 Mar 2020 13:07

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.2	52.5	78.7
75	30.9	23.6	35.4





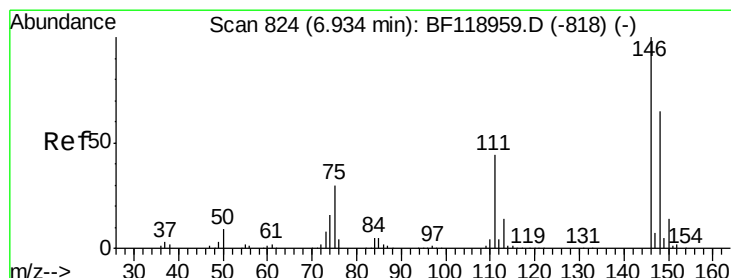
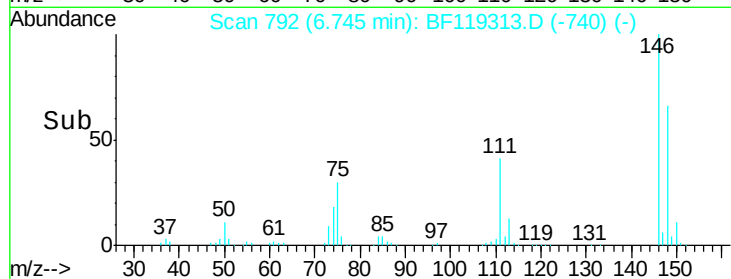
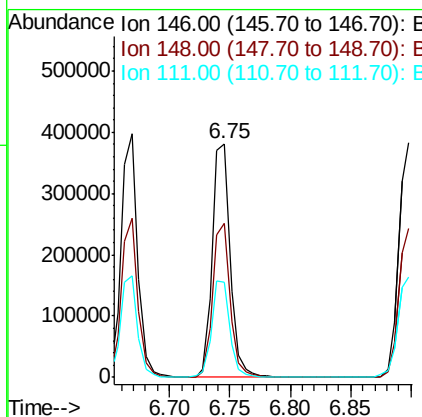
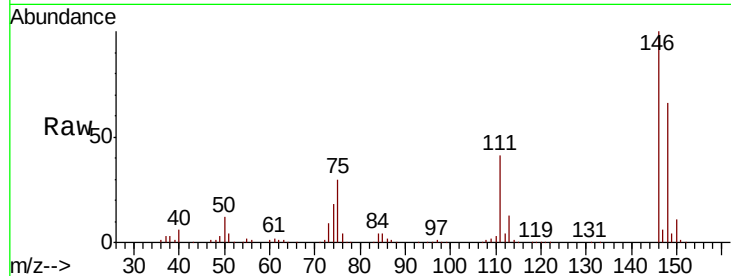
#13
 1,4-Dichlorobenzene
 Concen: 42.741 ng
 RT: 6.75 min Scan# 792
 Delta R.T. 0.01 min
 Lab File: BF119313.D
 Acq: 10 Mar 2020 13:07

Instrument :
 BNA_F
 ClientSampleId :
 PB127381BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.7	51.1	76.7
111	40.5	34.8	52.2

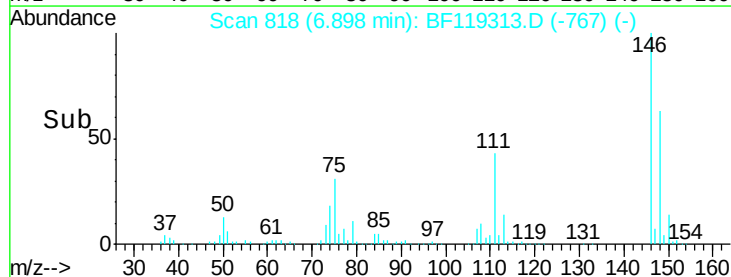
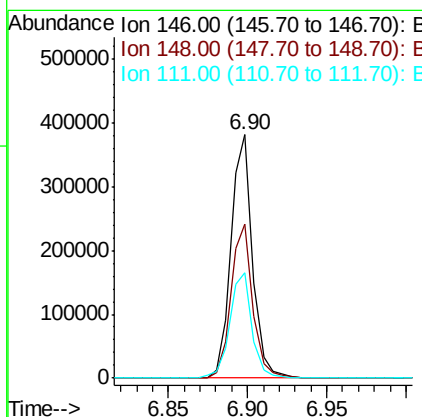
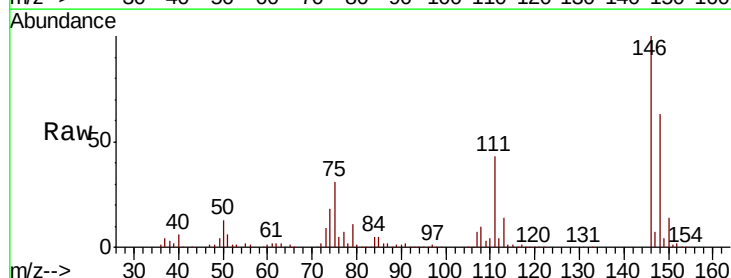
Manual Integrations
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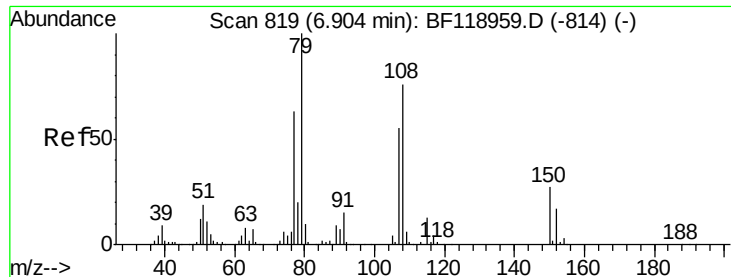
mohammad
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#14
 1,2-Dichlorobenzene
 Concen: 43.143 ng
 RT: 6.90 min Scan# 818
 Delta R.T. 0.00 min
 Lab File: BF119313.D
 Acq: 10 Mar 2020 13:07

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.4	51.9	77.9
111	43.1	36.2	54.2





#15

Benzyl Alcohol

Concen: 47.258 ng

RT: 6.88 min Scan# 815

Delta R.T. 0.00 min

Lab File: BF119313.D

Acq: 10 Mar 2020 13:07

Instrument :

BNA_F

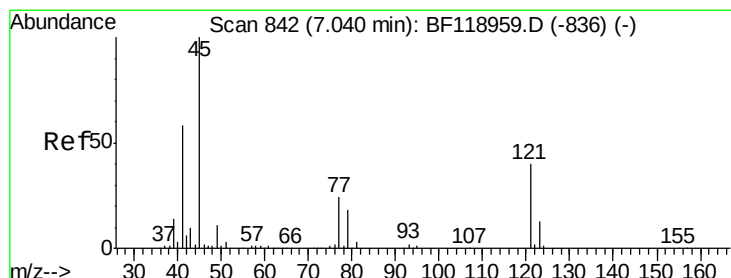
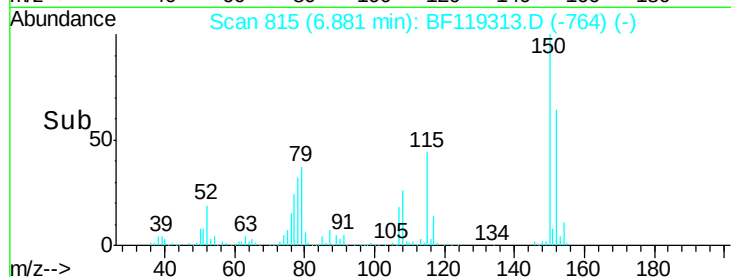
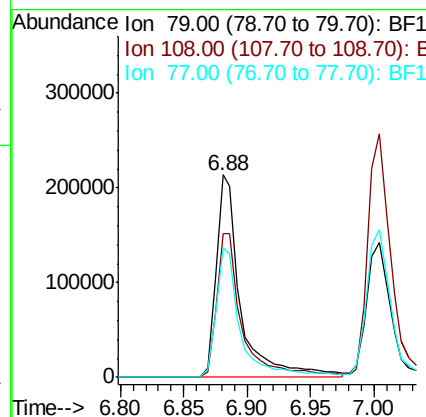
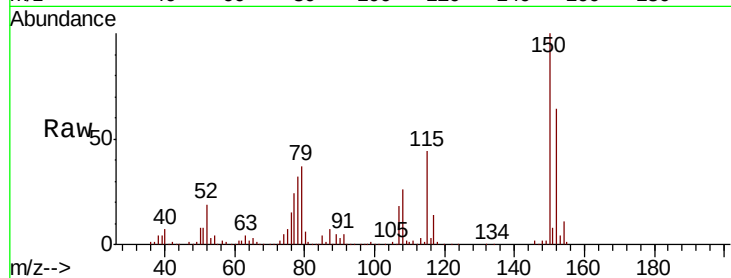
ClientSampleId :

PB127381BS

Tot Ion:	79	Resp:	291775
Ion Ratio	Lower	Upper	
79	100		
108	70.9	58.2	87.2
77	64.1	51.2	76.8

Manual Integrations
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#16

2,2'-oxybis(1-Chloropropane)

Concen: 41.474 ng

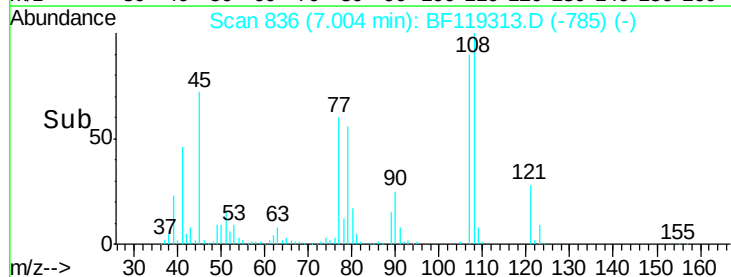
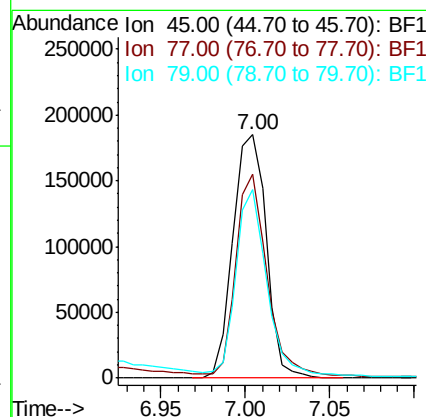
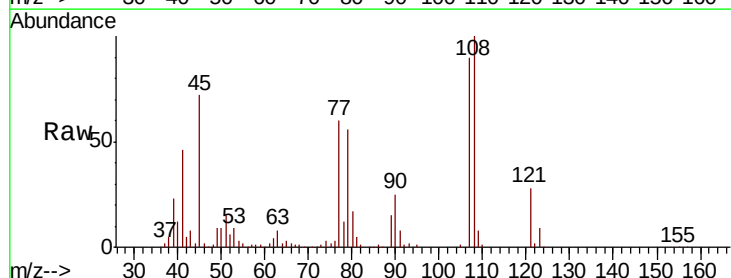
RT: 7.00 min Scan# 836

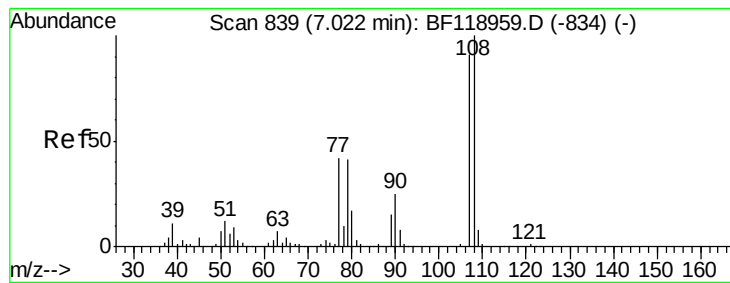
Delta R.T. 0.00 min

Lab File: BF119313.D

Acq: 10 Mar 2020 13:07

Tgt Ion:	45	Resp:	253899
Ion Ratio	Lower	Upper	
45	100		
77	83.9	15.0	55.0#
79	77.3	9.4	49.4#





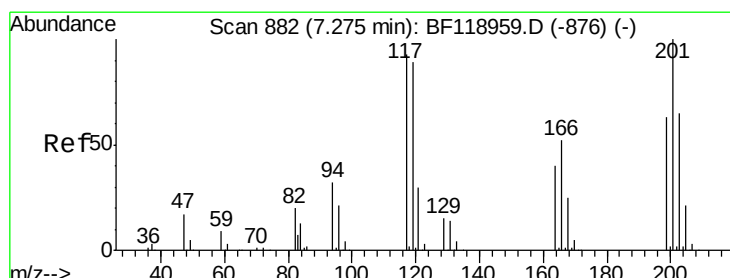
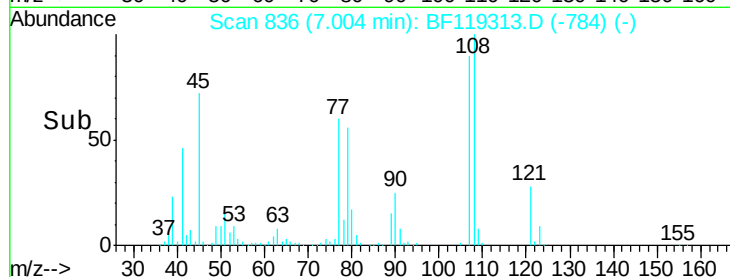
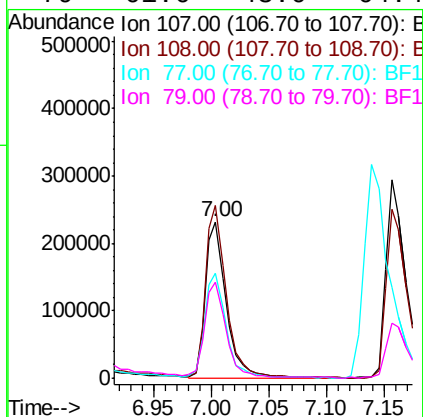
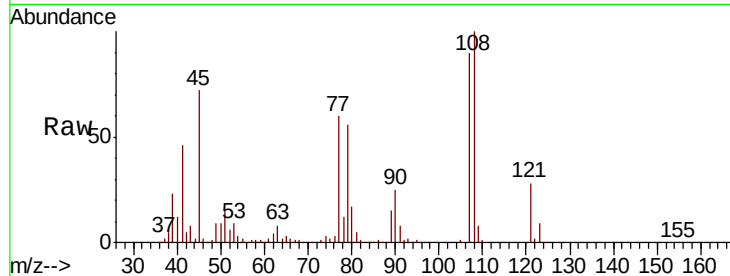
#17
2-Methylphenol
Concen: 47.356 ng
RT: 7.00 min Scan# 836
Delta R.T. 0.01 min
Lab File: BF119313.D
Acq: 10 Mar 2020 13:07

Instrument :
BNA_F
ClientSampleId :
PB127381BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
107	100		291048		
108	110.8	87.9	131.9		
77	66.9	45.3	67.9		
79	61.6	43.0	64.4		

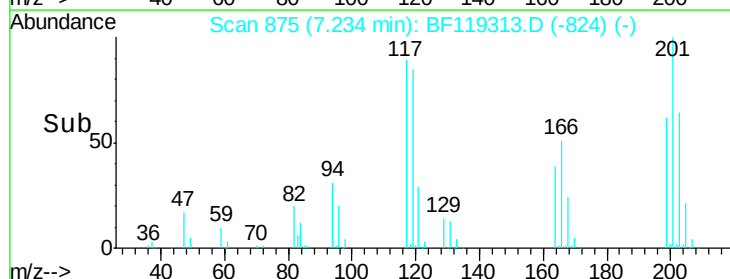
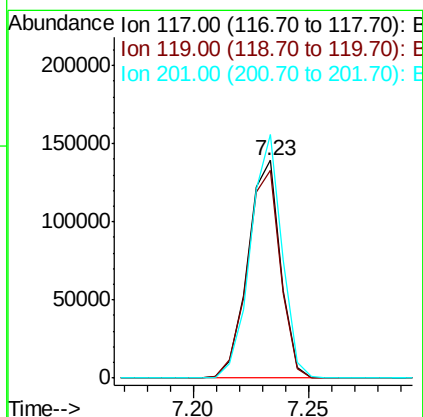
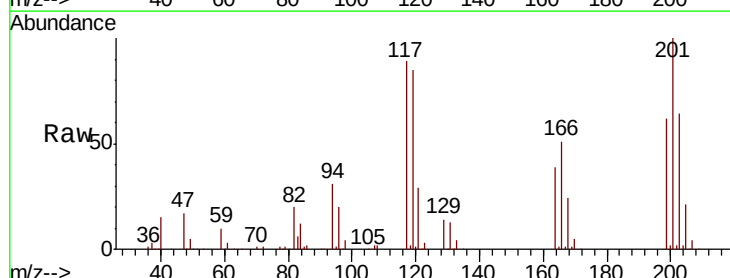
Manual Integrations
APPROVED

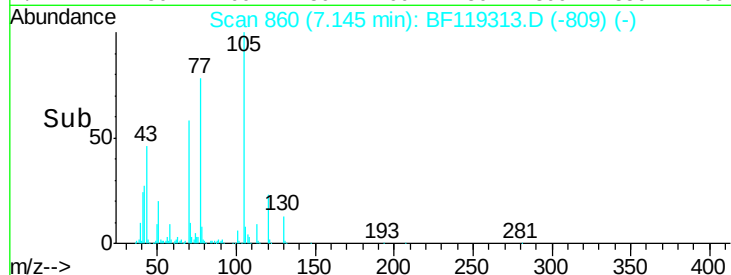
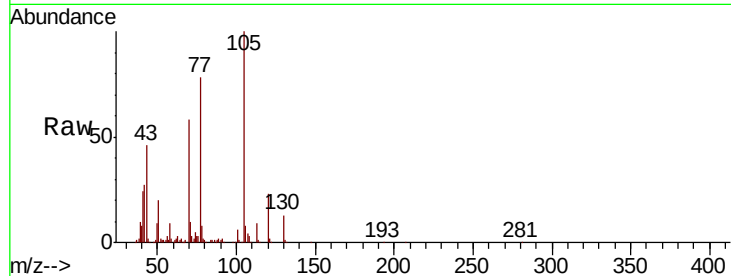
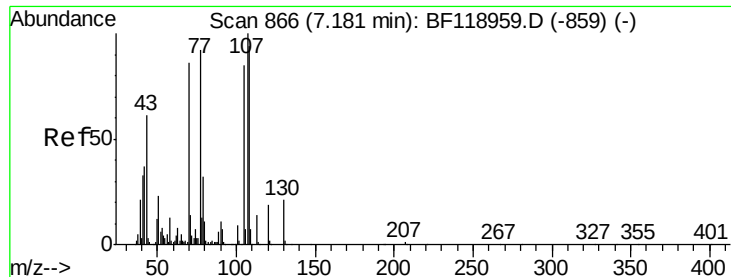
mohammad
3/11/2020 4:57:48 PM



#18
Hexachloroethane
Concen: 42.228 ng
RT: 7.23 min Scan# 875
Delta R.T. 0.00 min
Lab File: BF119313.D
Acq: 10 Mar 2020 13:07

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
117	100		137358		
119	95.4	77.5	116.3		
201	111.8	82.6	123.8		





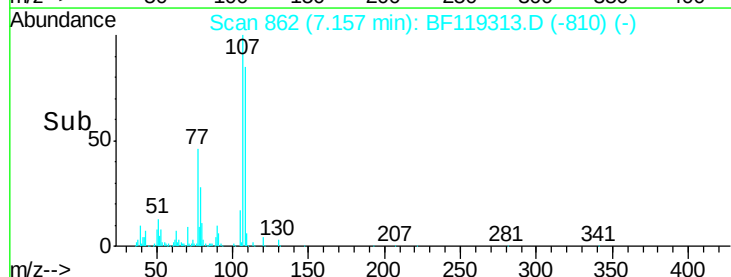
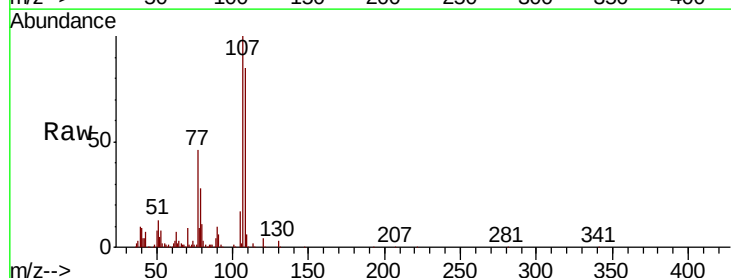
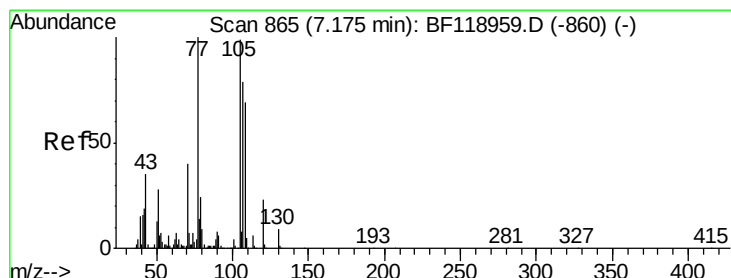
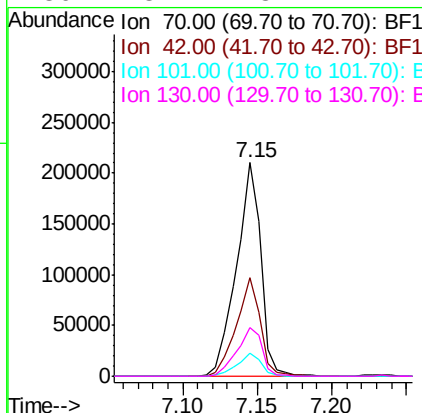
#19
n-Nitroso-di-n-propylamine
Concen: 48.213 ng
RT: 7.15 min Scan# 860
Delta R.T. 0.00 min
Lab File: BF119313.D
Acq: 10 Mar 2020 13:07

Instrument :
BNA_F
ClientSampleId :
PB127381BS

Tot Ion	Ratio	Lower	Upper
70	100		
42	46.3	38.0	57.0
101	10.7	8.2	12.4
130	23.1	18.2	27.4

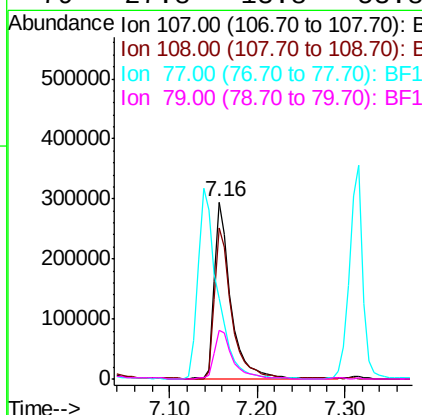
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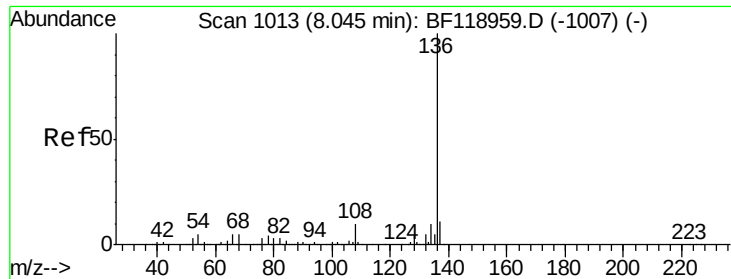
mohammad
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#20
3+4-Methylphenols
Concen: 51.050 ng
RT: 7.16 min Scan# 862
Delta R.T. 0.01 min
Lab File: BF119313.D
Acq: 10 Mar 2020 13:07

Tgt Ion	Ratio	Lower	Upper
107	100		
108	85.1	71.5	111.5
77	45.8	45.9	85.9#
79	27.8	13.8	53.8





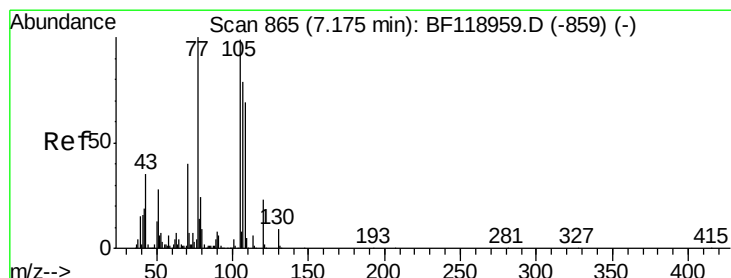
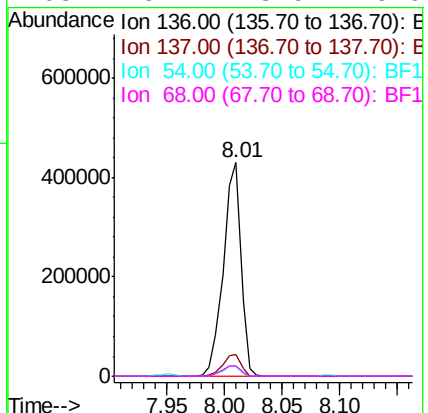
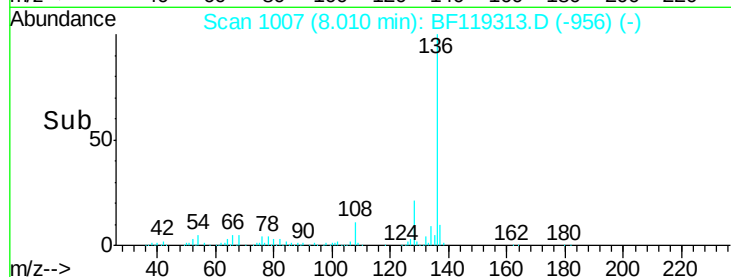
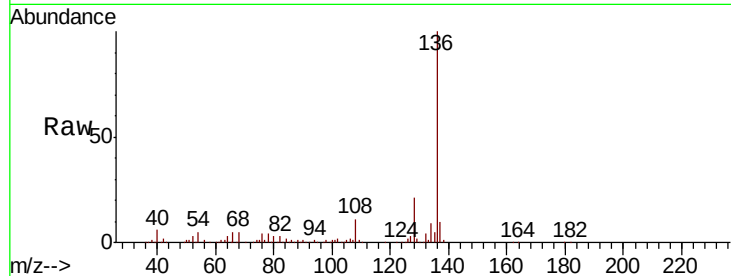
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.01 min Scan# 1007
Delta R.T. 0.00 min
Lab File: BF119313.D
Acq: 10 Mar 2020 13:07

Instrument :
BNA_F
ClientSampleId :
PB127381BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		456090		
137	10.4	8.8	13.2		
54	4.7	3.8	5.6		
68	5.1	3.9	5.9		

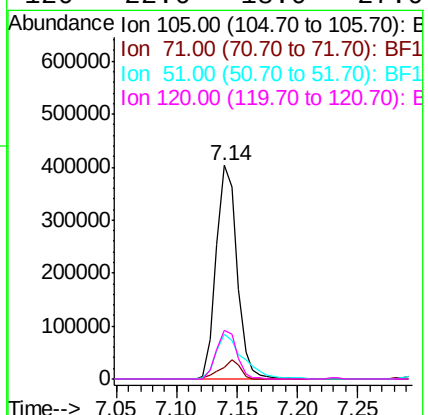
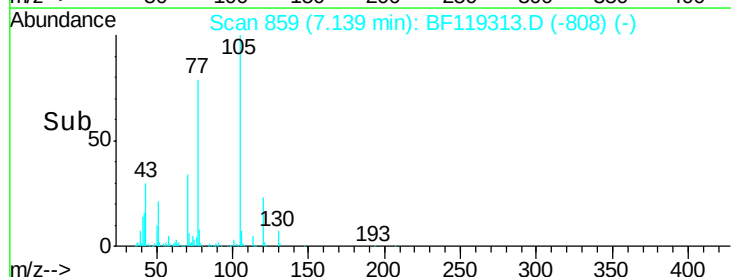
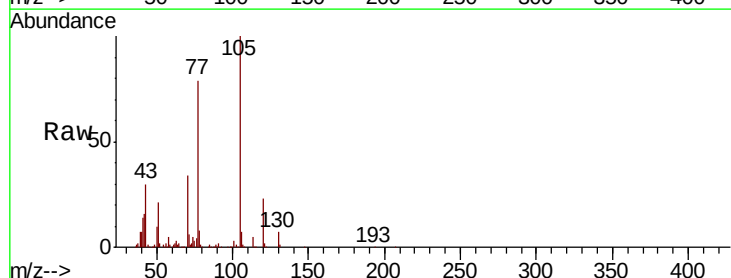
Manual Integrations
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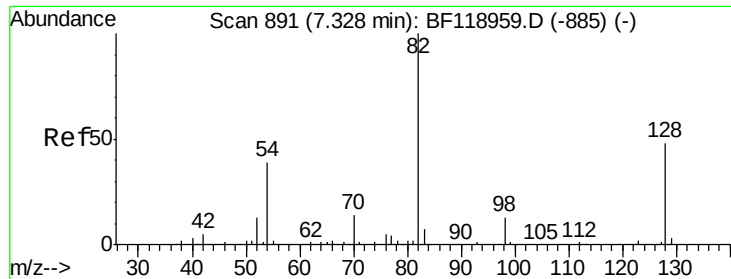
mohammad
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#22
Acetophenone
Concen: 45.396 ng
RT: 7.14 min Scan# 859
Delta R.T. 0.00 min
Lab File: BF119313.D
Acq: 10 Mar 2020 13:07

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		479051		
71	5.6	3.0	4.4#		
51	20.9	20.1	30.1		
120	22.6	18.0	27.0		





#23

Nitrobenzene-d5

Concen: 73.393 ng

RT: 7.30 min Scan# 886

Delta R.T. 0.01 min

Lab File: BF119313.D

Acq: 10 Mar 2020 13:07

Instrument :

BNA_F

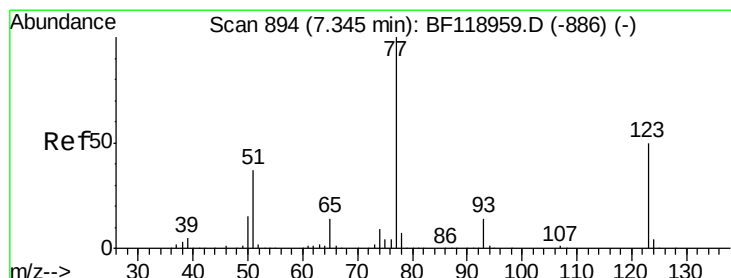
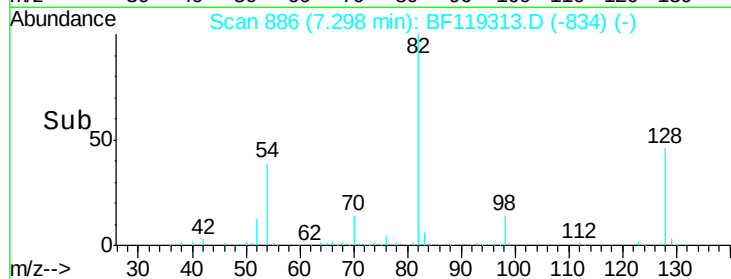
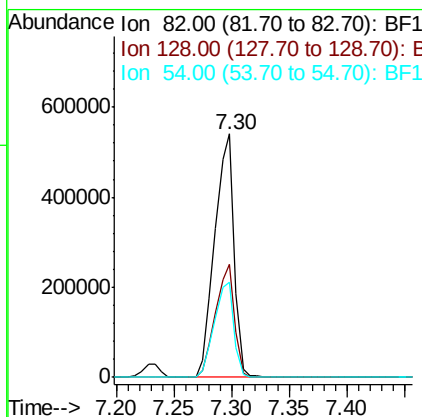
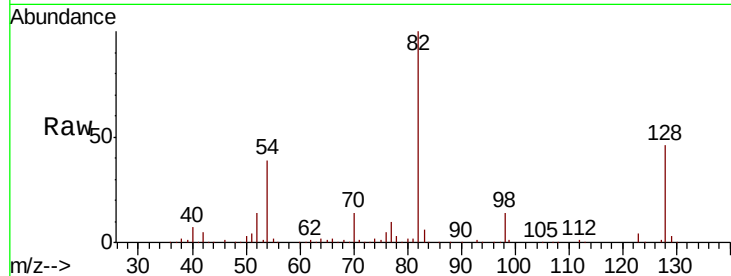
ClientSampleId :

PB127381BS

Tot Ion	82	Resp	633970
Ion	Ratio	Lower	Upper
82	100		
128	46.2	37.9	56.9
54	39.3	33.4	50.2

Manual Integrations
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#24

Nitrobenzene

Concen: 43.893 ng

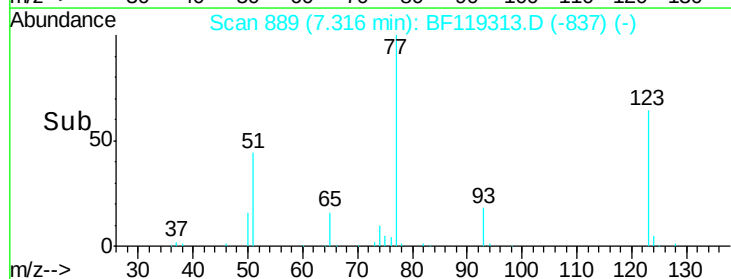
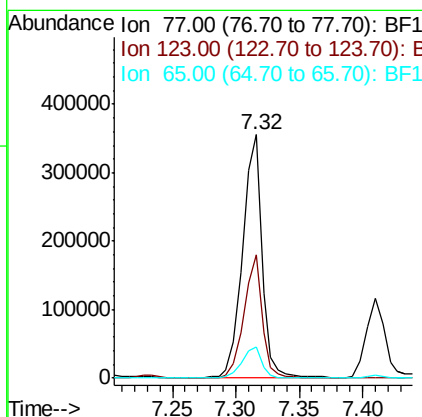
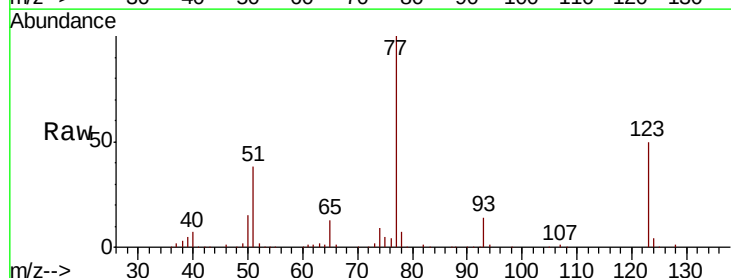
RT: 7.32 min Scan# 889

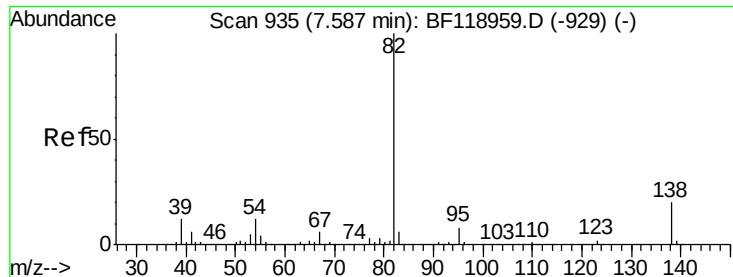
Delta R.T. 0.01 min

Lab File: BF119313.D

Acq: 10 Mar 2020 13:07

Tgt Ion	77	Resp	374939
Ion	Ratio	Lower	Upper
77	100		
123	50.5	40.2	60.2
65	13.1	10.8	16.2





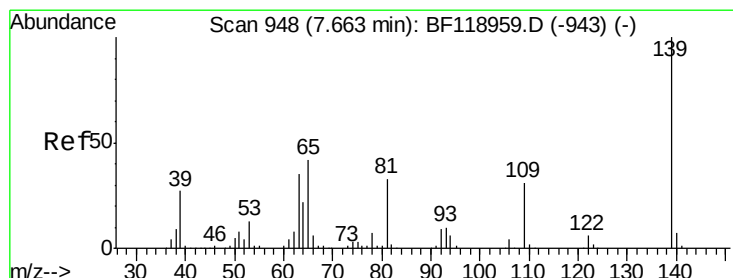
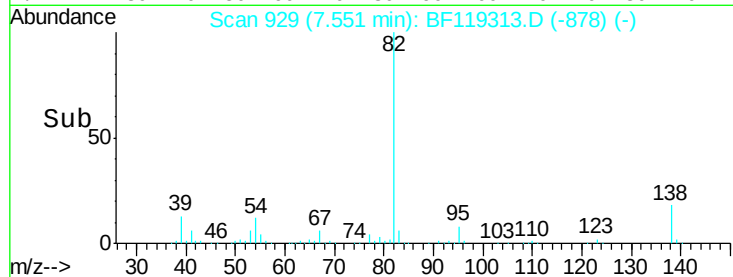
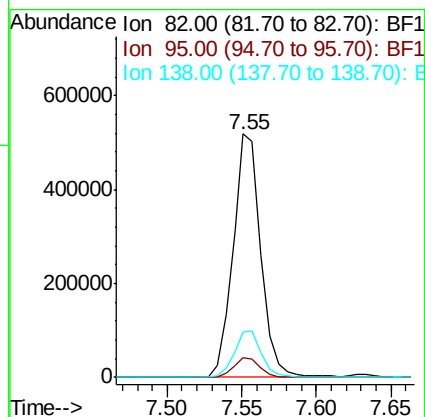
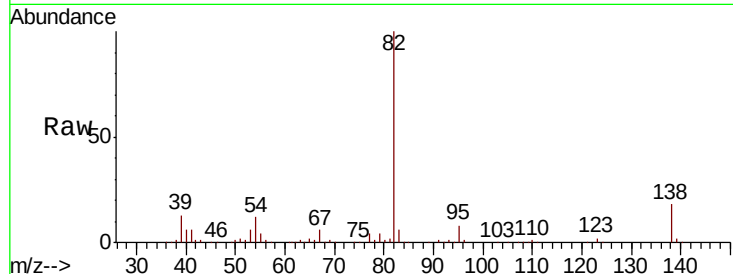
#25
Isophorone
Concen: 44.931 ng
RT: 7.55 min Scan# 929
Delta R.T. 0.00 min
Lab File: BF119313.D
Acq: 10 Mar 2020 13:07

Instrument :
BNA_F
ClientSampleId :
PB127381BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100	674047		
95	7.9		6.4	9.6
138	18.3		15.7	23.5

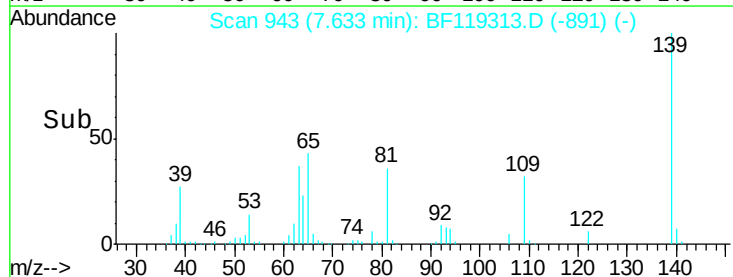
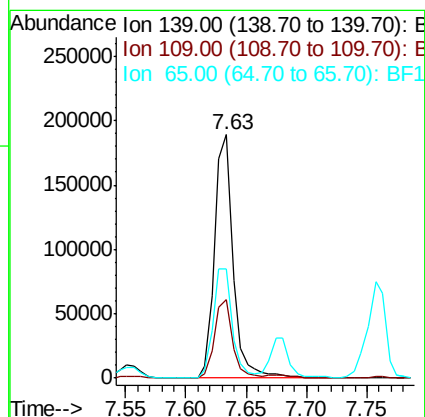
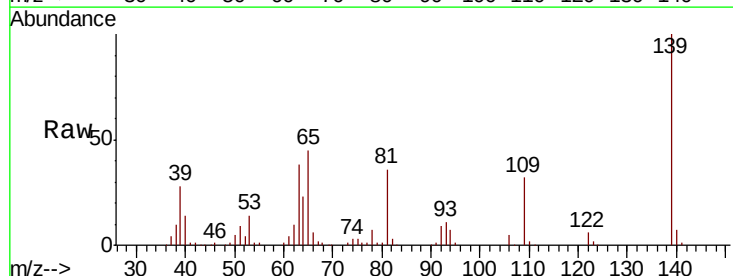
Manual Integrations
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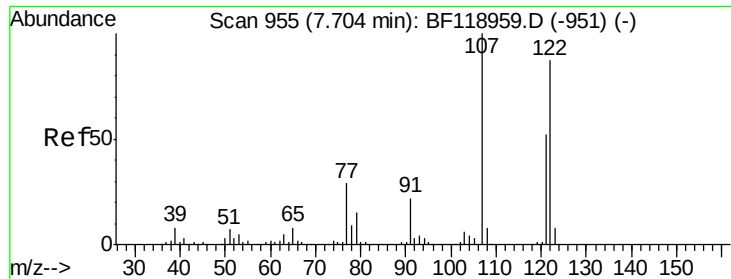
mohammad
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#26
2-Nitrophenol
Concen: 44.391 ng
RT: 7.63 min Scan# 943
Delta R.T. 0.01 min
Lab File: BF119313.D
Acq: 10 Mar 2020 13:07

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	200918		
109	32.1		25.7	38.5
65	45.0		37.1	55.7





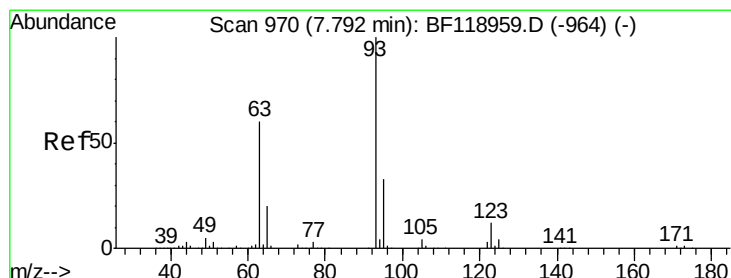
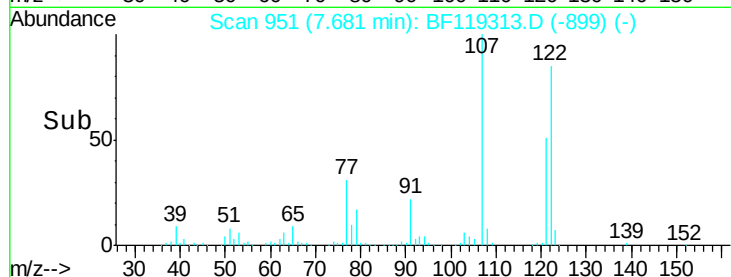
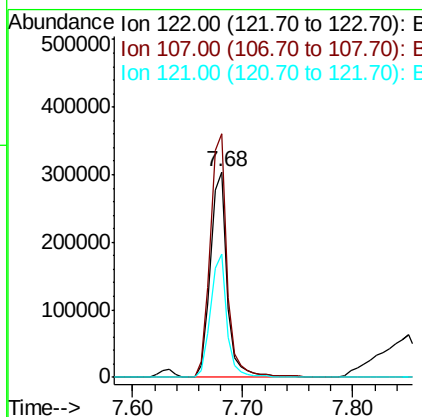
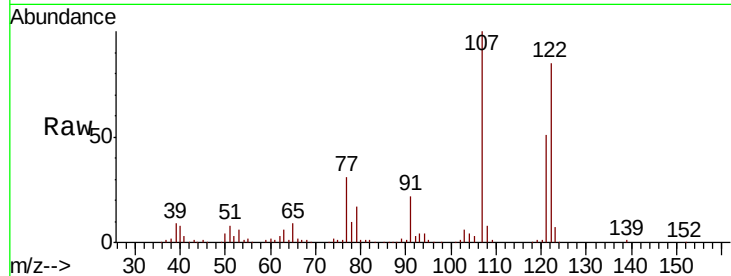
#27
2,4-Dimethylphenol
Concen: 50.709 ng
RT: 7.68 min Scan# 951
Delta R.T. 0.01 min
Lab File: BF119313.D
Acq: 10 Mar 2020 13:07

Instrument :
BNA_F
ClientSampleId :
PB127381BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
122	100		311490		
107	118.3	93.8	140.6		
121	59.8	48.2	72.2		

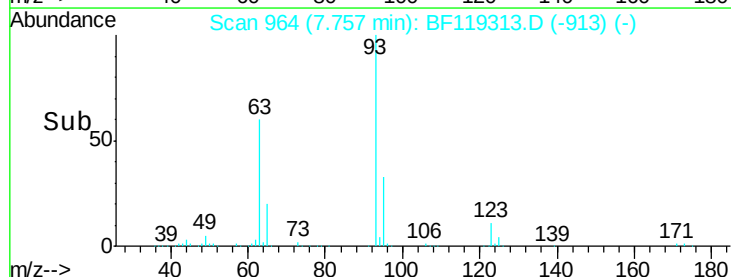
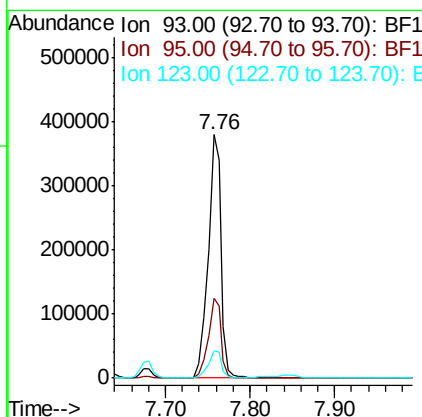
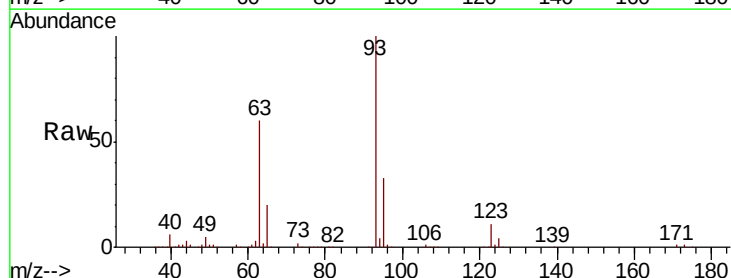
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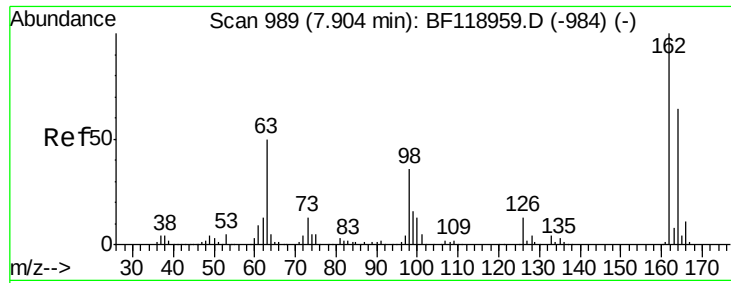
mohammad
3/11/2020 4:57:48 PM



#28
bis(2-Chloroethoxy)methane
Concen: 41.878 ng
RT: 7.76 min Scan# 964
Delta R.T. 0.00 min
Lab File: BF119313.D
Acq: 10 Mar 2020 13:07

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100		408917		
95	33.0	26.5	39.7		
123	11.4	10.2	15.2		





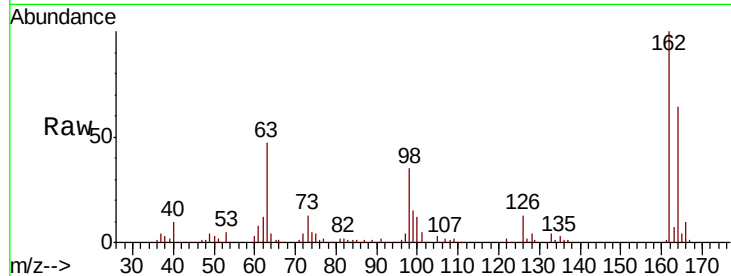
#29
2,4-Dichlorophenol
Concen: 44.426 ng
RT: 7.89 min Scan# 986
Delta R.T. 0.01 min
Lab File: BF119313.D
Acq: 10 Mar 2020 13:07

Instrument :
BNA_F
ClientSampleId :
PB127381BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100			
164	64.0	45.2	85.2	
98	34.9	17.4	57.4	

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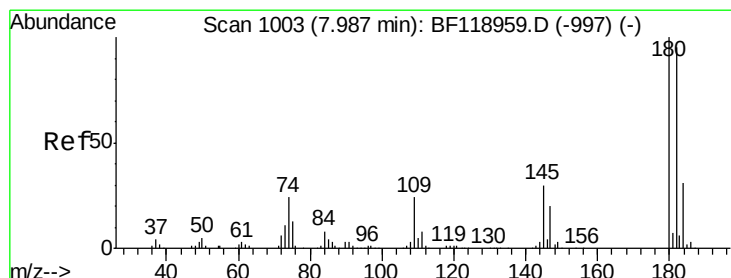
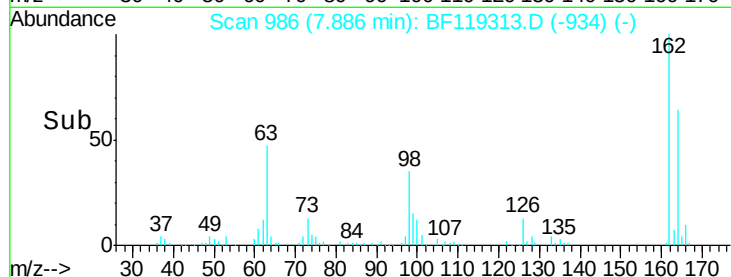
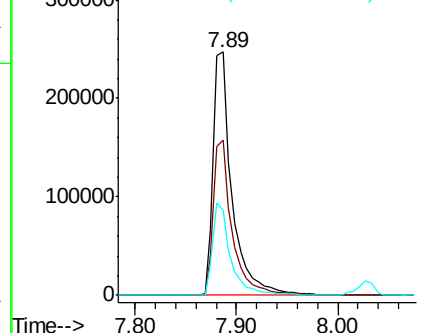


Abundance

Ion 162.00 (161.70 to 162.70): E

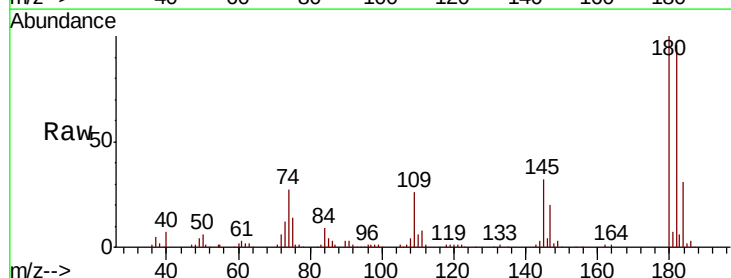
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
1,2,4-Trichlorobenzene
Concen: 39.716 ng
RT: 7.95 min Scan# 997
Delta R.T. 0.00 min
Lab File: BF119313.D
Acq: 10 Mar 2020 13:07

Tgt Ion	Ratio	Resp	Lower	Upper
180	100			
182	95.5	77.8	116.6	
145	31.7	25.2	37.8	

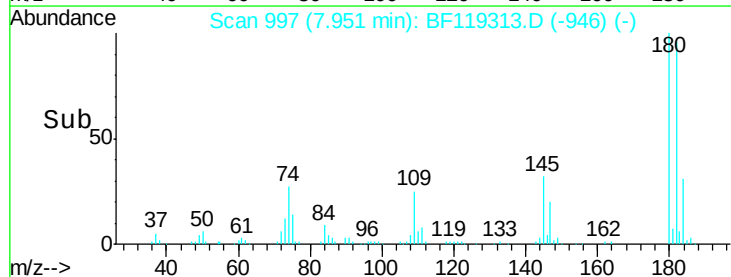
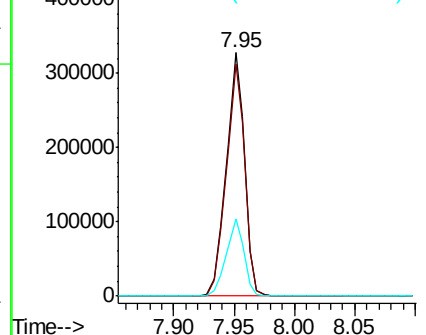


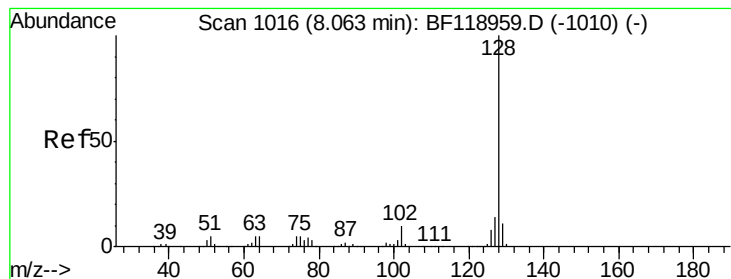
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 43.311 ng

RT: 8.03 min Scan# 1010

Delta R.T. 0.00 min

Lab File: BF119313.D

Acq: 10 Mar 2020 13:07

Instrument :

BNA_F

ClientSampleId :

PB127381BS

Tot Ion:128 Resp: 1024451

Ion Ratio Lower Upper

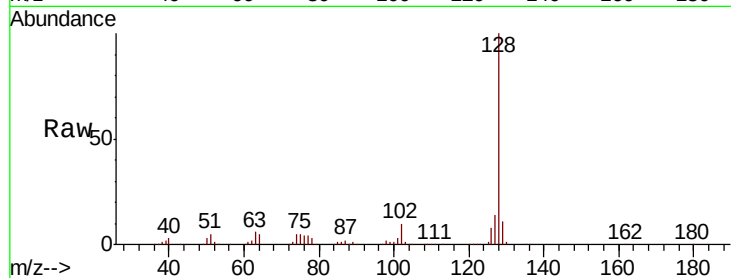
128 100

129 11.2 9.4 14.2

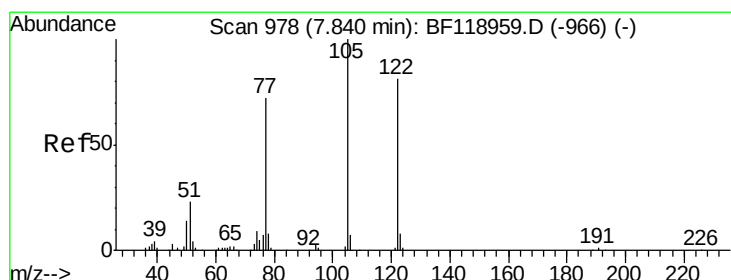
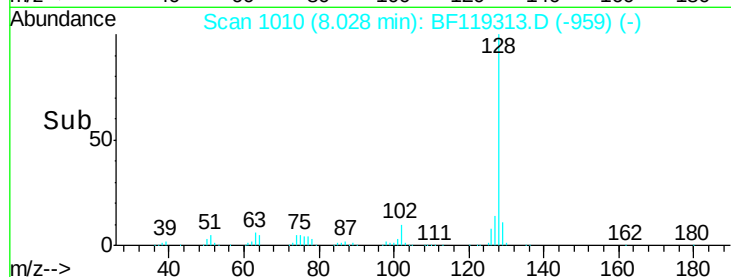
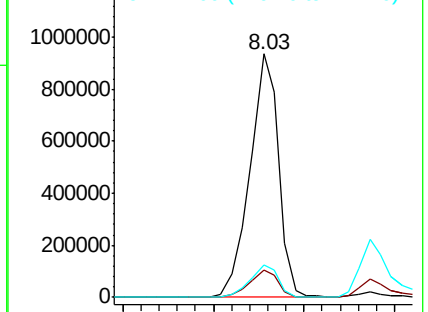
127 13.5 11.4 17.2

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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: 36.782 ng

RT: 7.85 min Scan# 980

Delta R.T. 0.01 min

Lab File: BF119313.D

Acq: 10 Mar 2020 13:07

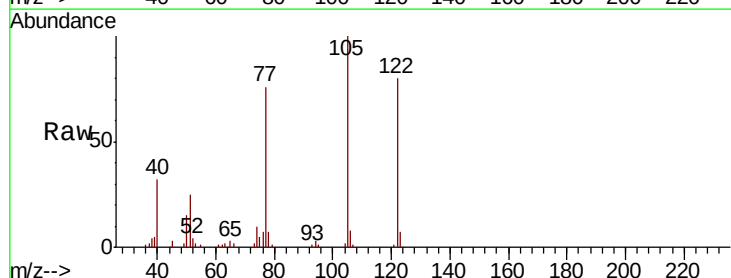
Tgt Ion:122 Resp: 156731

Ion Ratio Lower Upper

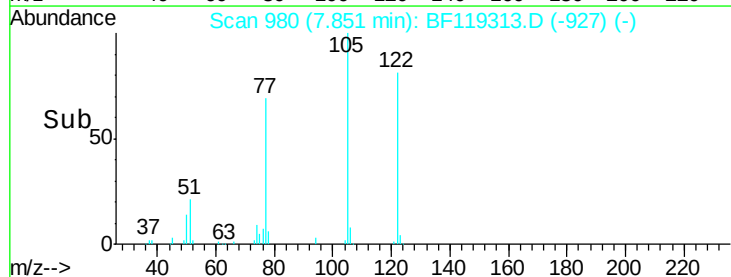
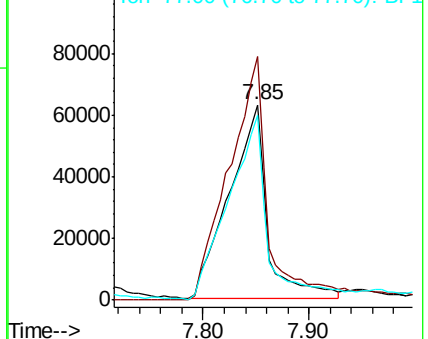
122 100

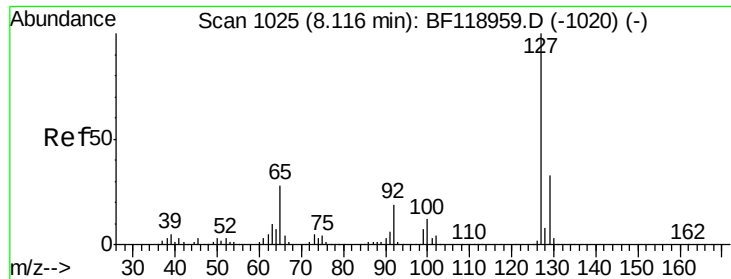
105 124.6 106.3 146.3

77 94.6 73.1 113.1



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1





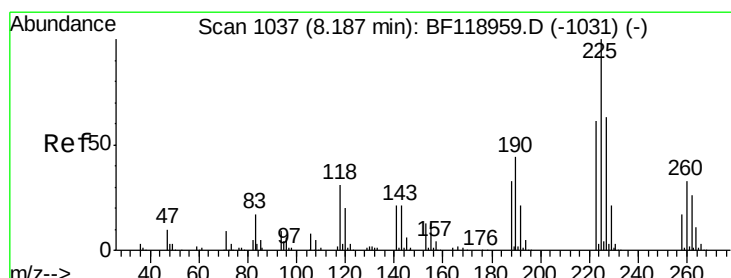
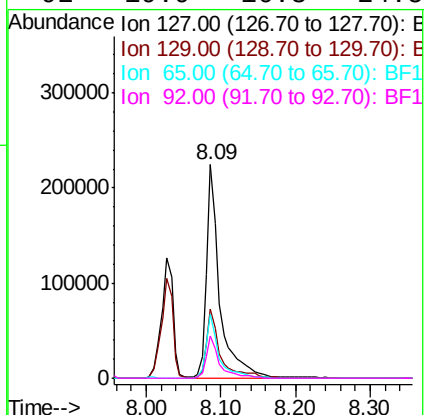
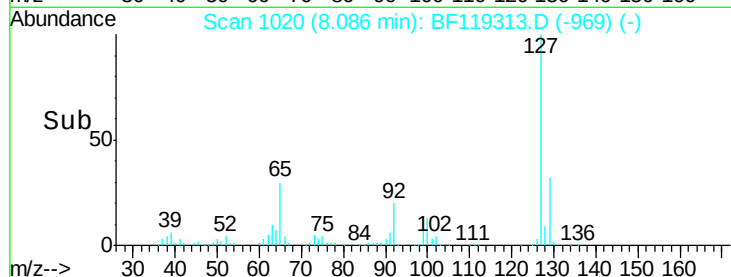
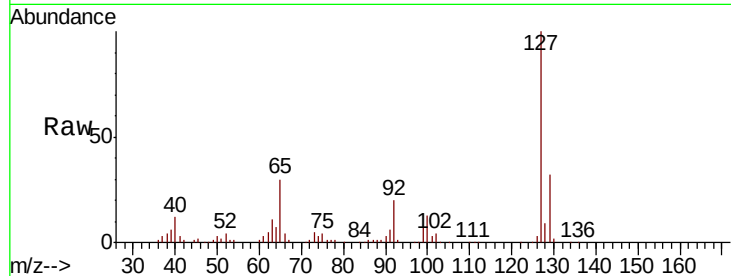
#33
4-Chloroaniline
Concen: 27.554 ng
RT: 8.09 min Scan# 1020
Delta R.T. 0.00 min
Lab File: BF119313.D
Acq: 10 Mar 2020 13:07

Instrument :
BNA_F
ClientSampleId :
PB127381BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.3	25.9	38.9		
65	30.0	23.9	35.9		
92	19.9	16.3	24.5		

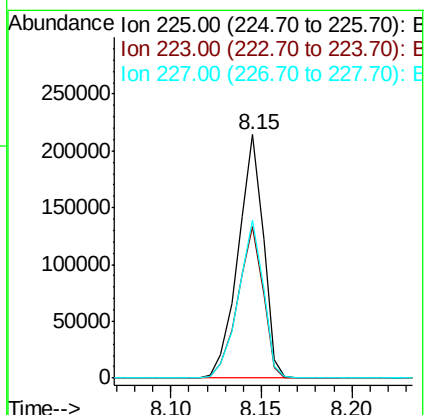
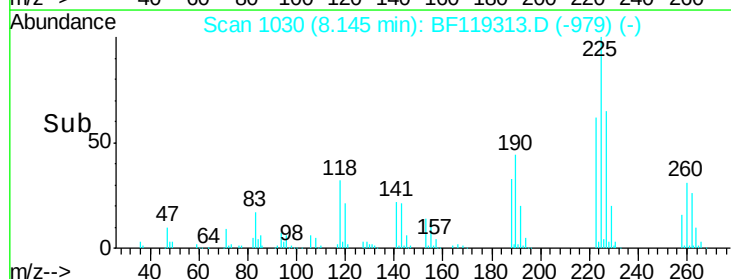
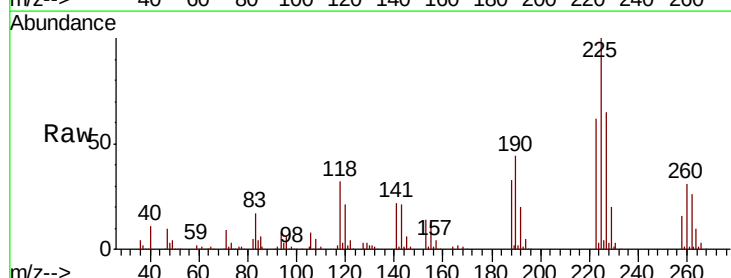
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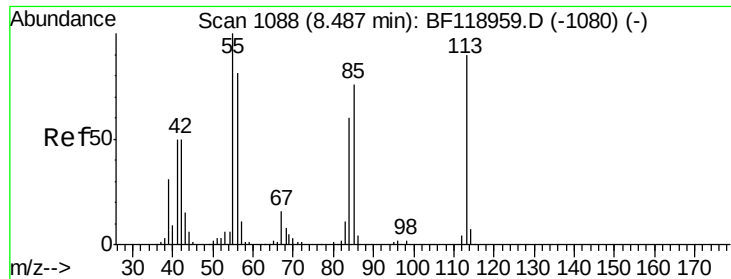
mohammad
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#34
Hexachlorobutadiene
Concen: 38.759 ng
RT: 8.15 min Scan# 1030
Delta R.T. 0.00 min
Lab File: BF119313.D
Acq: 10 Mar 2020 13:07

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	62.2	49.4	74.2		
227	64.9	52.9	79.3		





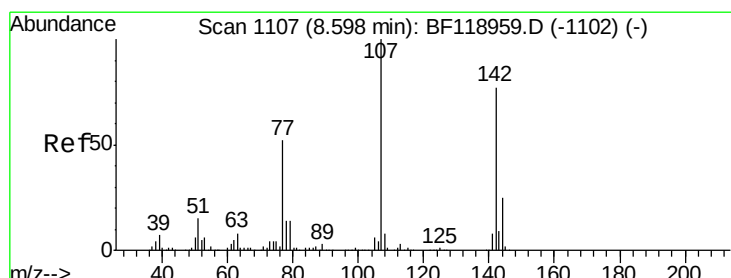
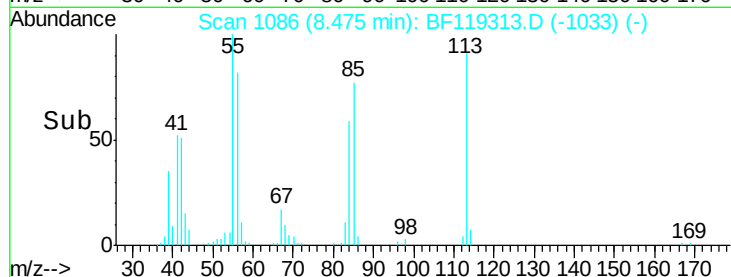
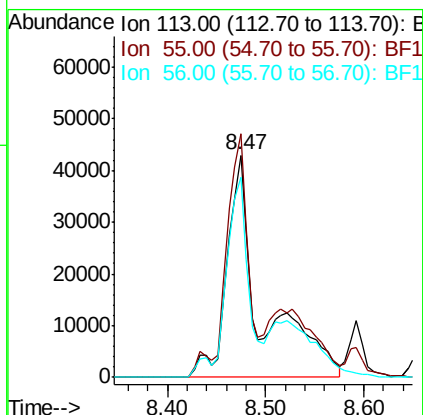
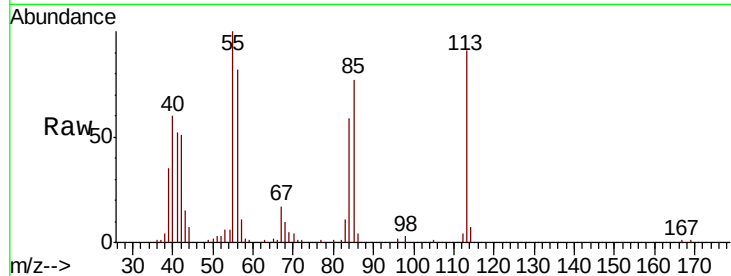
#35
Caprolactam
Concen: 46.855 ng/ml
RT: 8.47 min Scan# 1086
Delta R.T. 0.01 min
Lab File: BF119313.D
Acq: 10 Mar 2020 13:07

Instrument :
BNA_F
ClientSampleId :
PB127381BS

Tot Ion	Ratio	Lower	Upper
113	100		
55	109.7	95.7	135.7
56	90.0	73.1	113.1

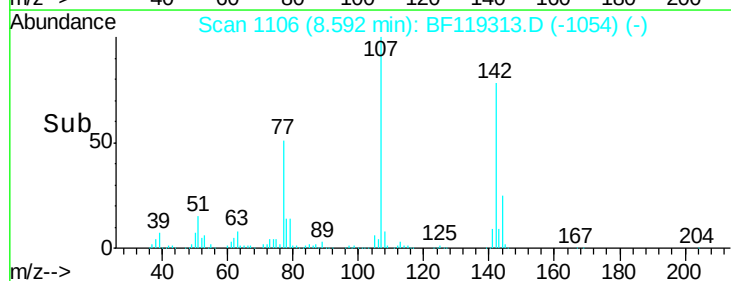
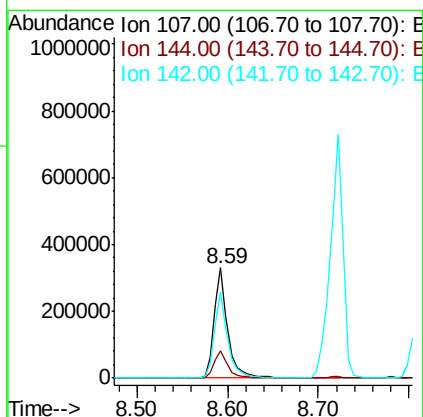
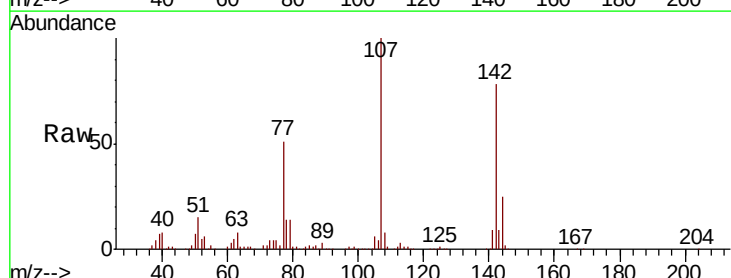
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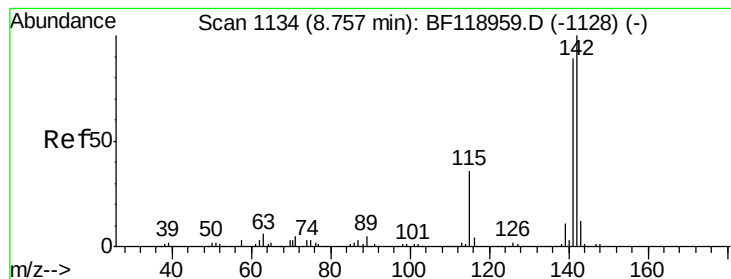
mohammad
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#36
4-Chloro-3-methylphenol
Concen: 47.061 ng/ml
RT: 8.59 min Scan# 1106
Delta R.T. 0.01 min
Lab File: BF119313.D
Acq: 10 Mar 2020 13:07

Tgt Ion	Ratio	Lower	Upper
107	100		
144	25.2	20.1	30.1
142	78.1	61.4	92.2





#37

2-Methylnaphthalene

Concen: 44.926 ng

RT: 8.72 min Scan# 1128

Delta R.T. 0.00 min

Lab File: BF119313.D

Acq: 10 Mar 2020 13:07

Instrument :

BNA_F

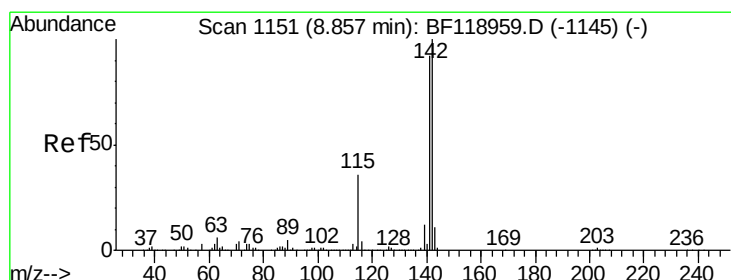
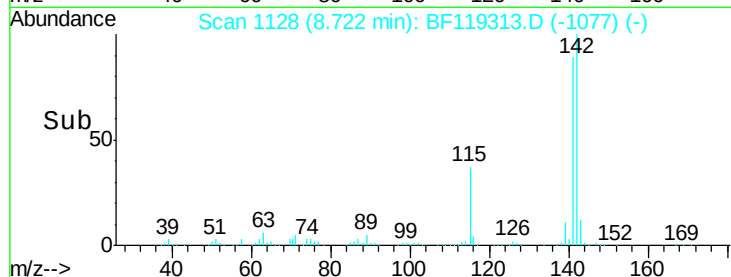
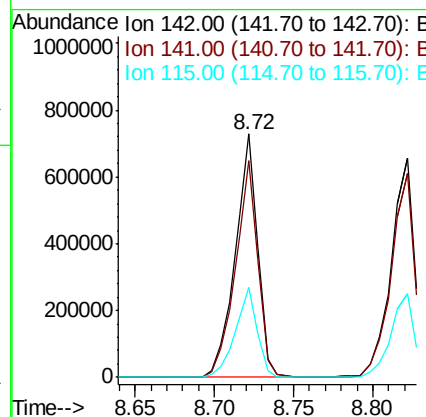
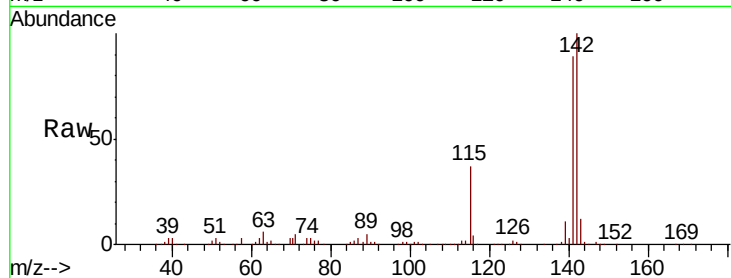
ClientSampleId :

PB127381BS

Tot Ion:	142	Resp:	715140
Ion Ratio	Lower	Upper	
142	100		
141	89.1	72.3	108.5
115	36.8	30.6	45.8

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#38

1-Methylnaphthalene

Concen: 44.413 ng

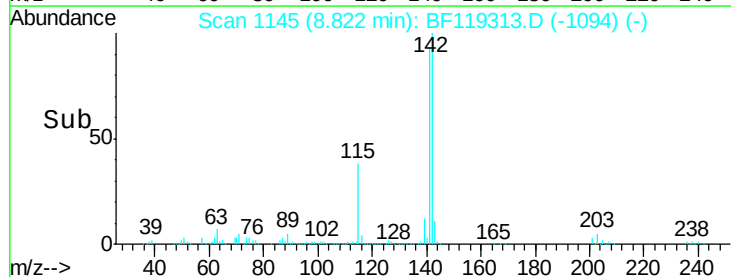
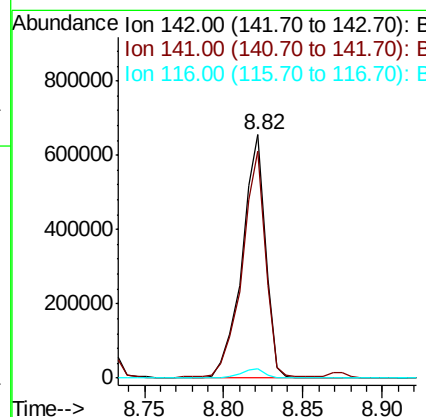
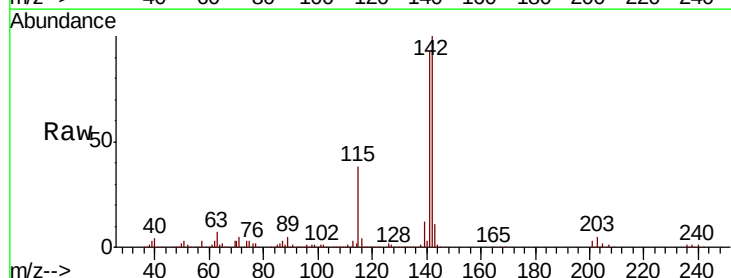
RT: 8.82 min Scan# 1145

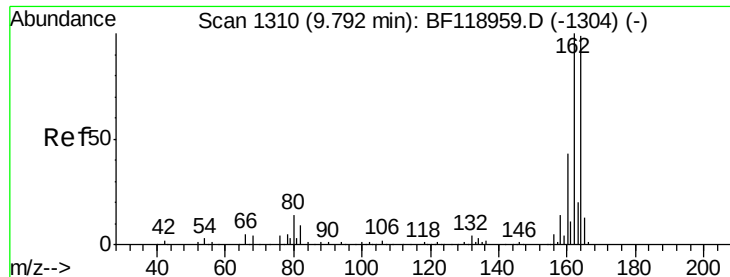
Delta R.T. 0.00 min

Lab File: BF119313.D

Acq: 10 Mar 2020 13:07

Tgt Ion:	142	Resp:	664872
Ion Ratio	Lower	Upper	
142	100		
141	93.2	75.8	113.6
116	3.9	3.1	4.7





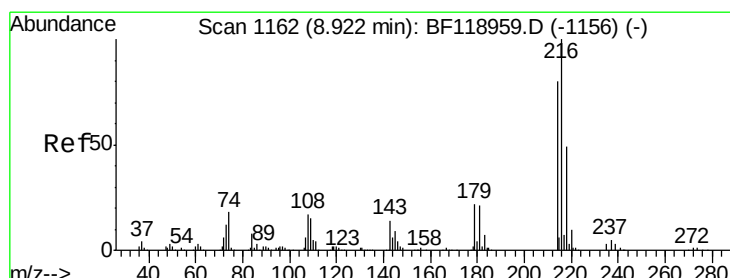
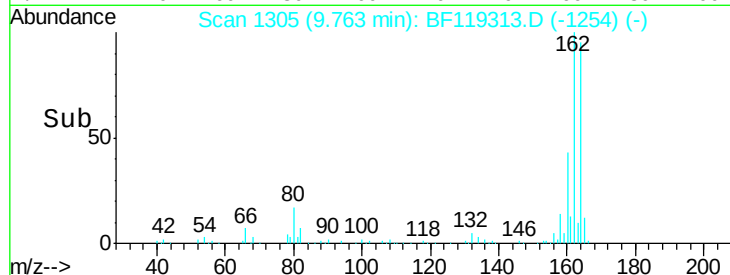
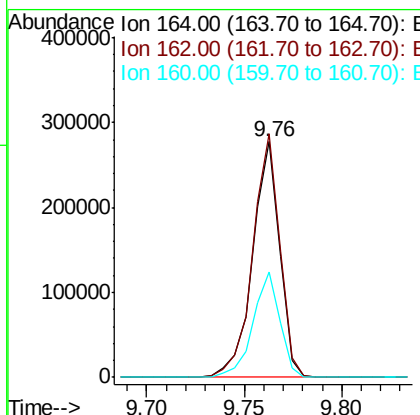
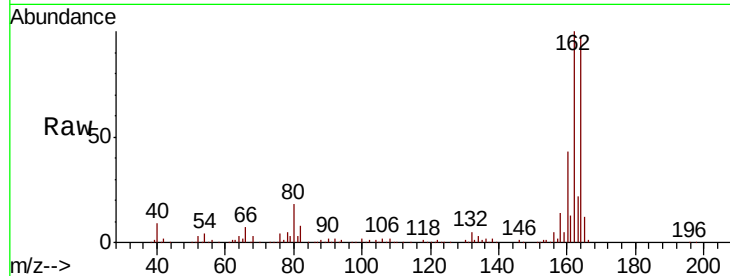
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.76 min Scan# 1305
 Delta R.T. 0.00 min
 Lab File: BF119313.D
 Acq: 10 Mar 2020 13:07

Instrument :
 BNA_F
 ClientSampleId :
 PB127381BS

Tot Ion	Ratio	Lower	Upper
164	100		
162	103.3	81.8	122.8
160	44.8	36.0	54.0

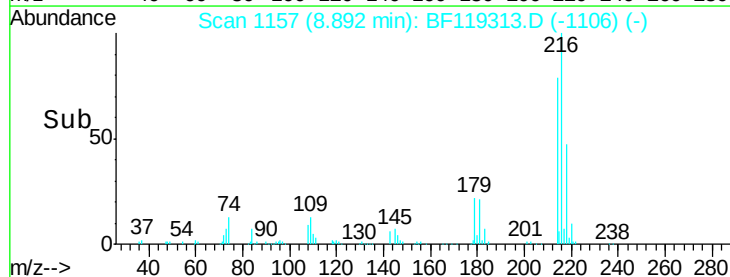
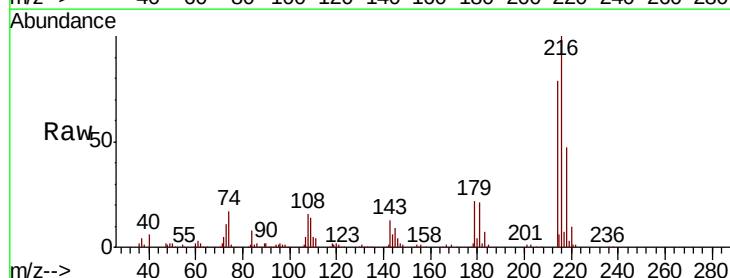
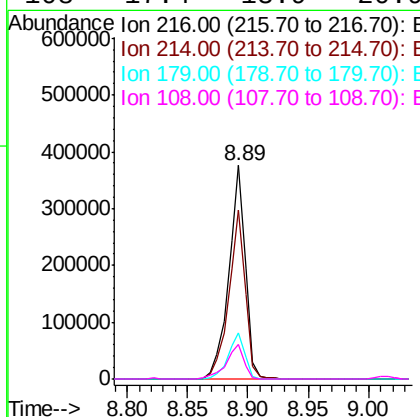
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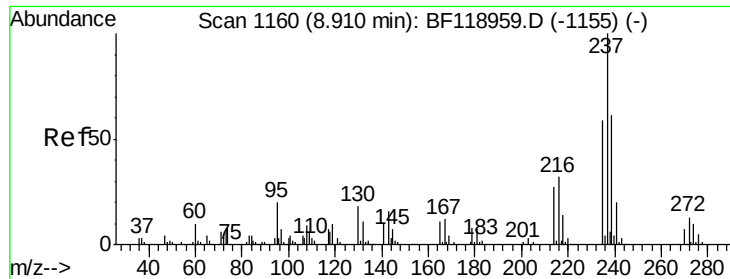
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#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 39.793 ng
 RT: 8.89 min Scan# 1157
 Delta R.T. 0.00 min
 Lab File: BF119313.D
 Acq: 10 Mar 2020 13:07

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.9	63.3	94.9
179	21.8	17.7	26.5
108	17.4	13.9	20.9





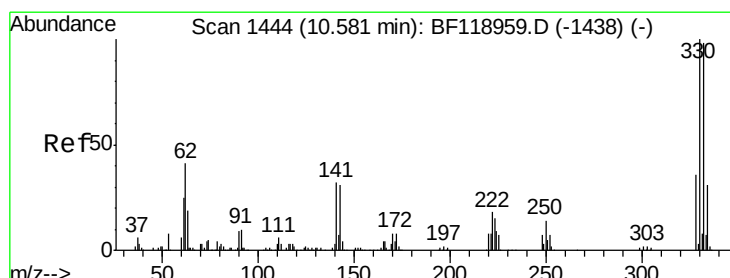
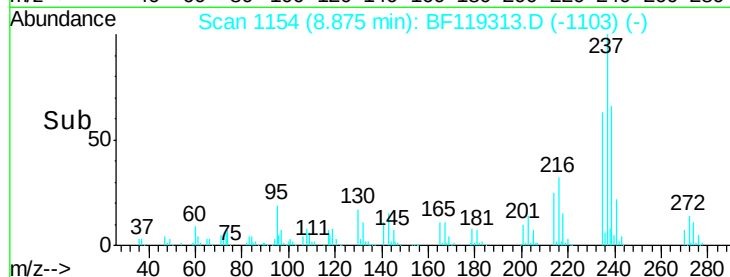
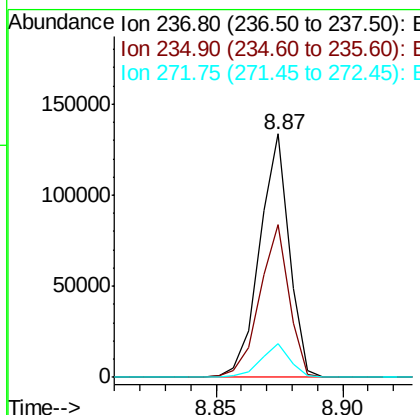
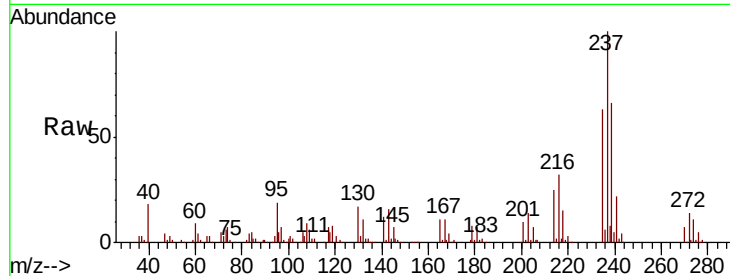
#41
Hexachlorocyclopentadiene
Concen: 38.999 ng
RT: 8.87 min Scan# 1154
Delta R.T. 0.00 min
Lab File: BF119313.D
Acq: 10 Mar 2020 13:07

Instrument :
BNA_F
ClientSampleId :
PB127381BS

Tot Ion	Ratio	Resp	Lower	Upper
237	100	109423		
235	62.6	42.3	82.3	
272	14.0	0.0	33.5	

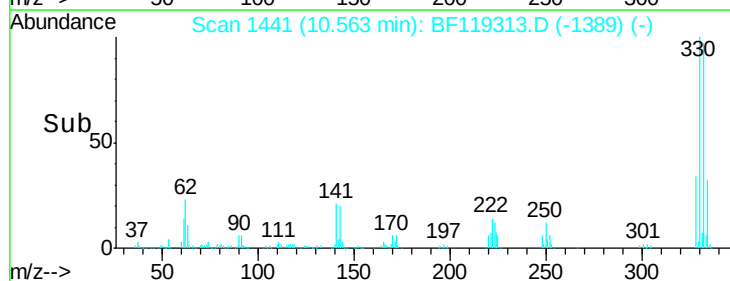
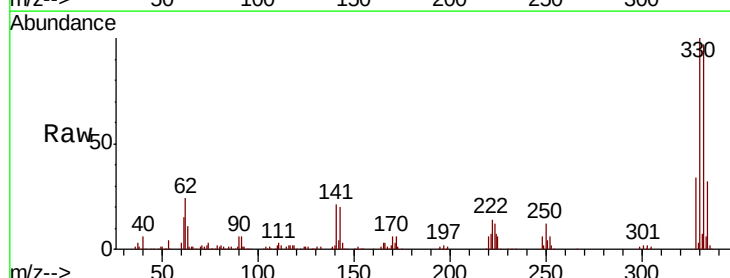
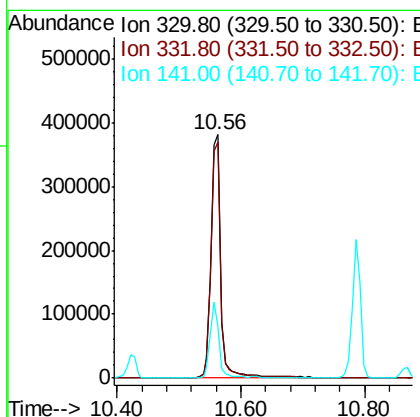
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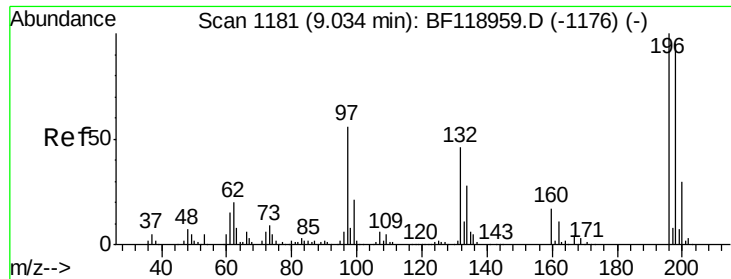
mohammad
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#42
2,4,6-Tribromophenol
Concen: 117.136 ng
RT: 10.56 min Scan# 1441
Delta R.T. 0.01 min
Lab File: BF119313.D
Acq: 10 Mar 2020 13:07

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	407304		
332	96.9	76.0	114.0	
141	28.5	22.9	34.3	





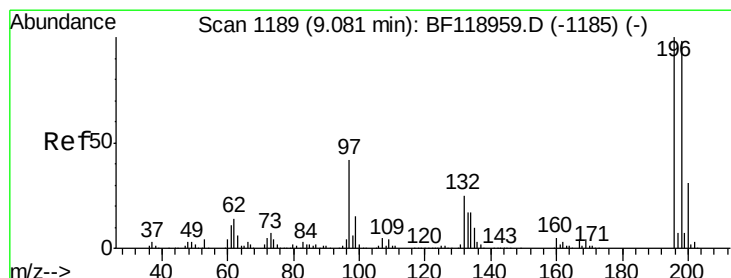
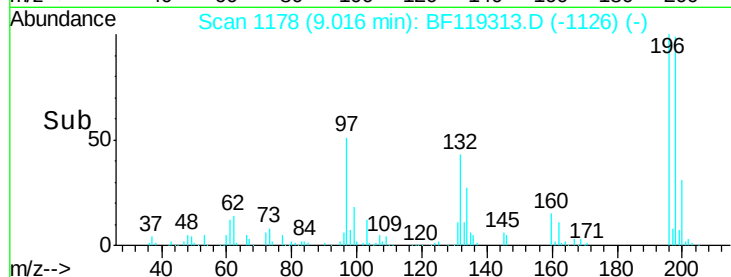
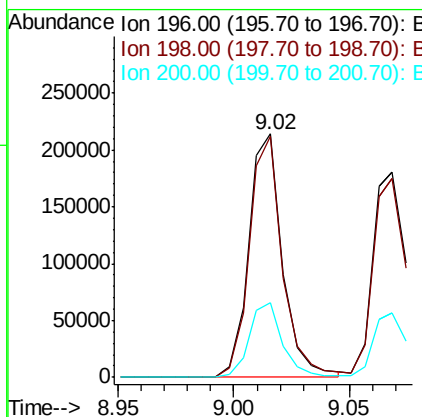
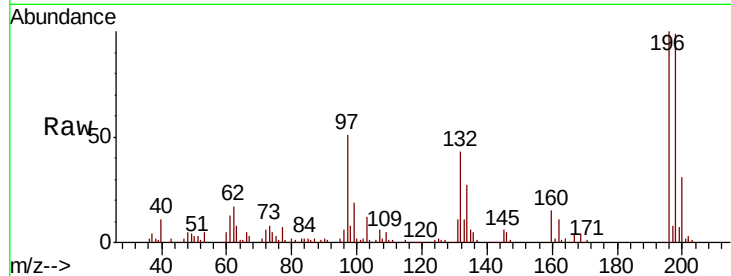
#43
 2,4,6-Trichlorophenol
 Concen: 38.636 ng
 RT: 9.02 min Scan# 1178
 Delta R.T. 0.01 min
 Lab File: BF119313.D
 Acq: 10 Mar 2020 13:07

Instrument :
 BNA_F
 ClientSampleId :
 PB127381BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	218658		
198	99.1	77.1	115.7	
200	30.8	25.0	37.6	

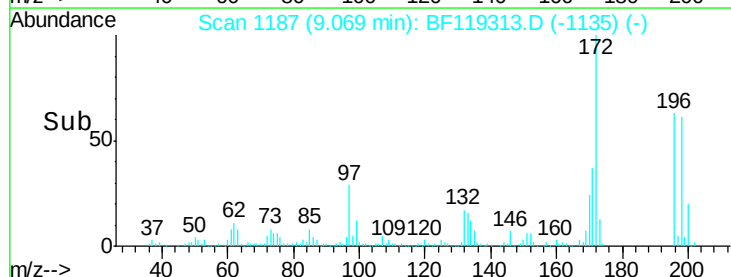
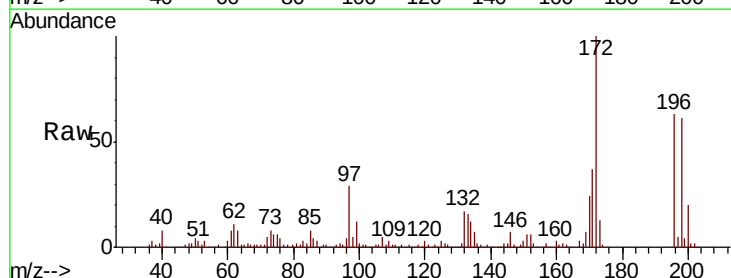
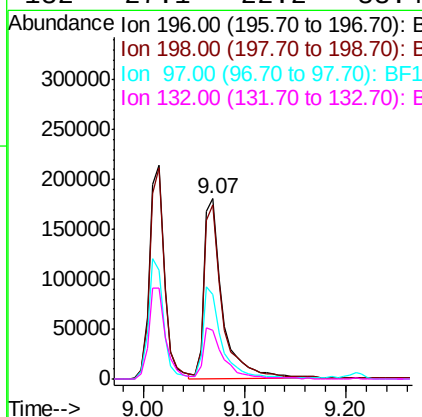
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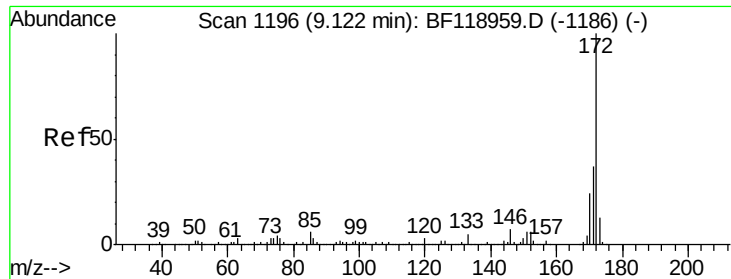
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#44
 2,4,5-Trichlorophenol
 Concen: 38.338 ng
 RT: 9.07 min Scan# 1187
 Delta R.T. 0.01 min
 Lab File: BF119313.D
 Acq: 10 Mar 2020 13:07

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	227676		
198	96.9	76.8	115.2	
97	46.6	38.5	57.7	
132	27.1	22.2	33.4	





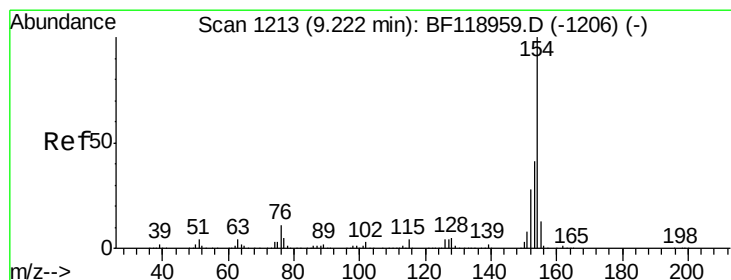
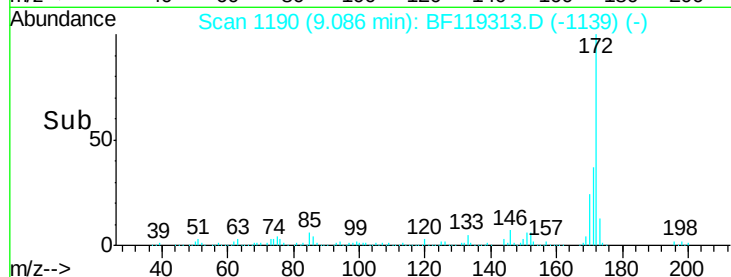
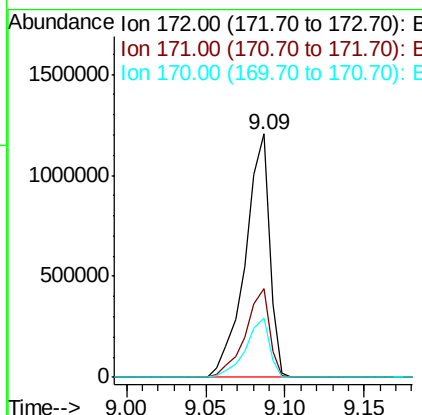
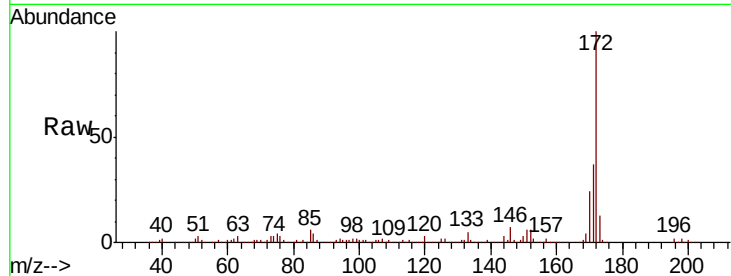
#45
2-Fluorobiphenyl
Concen: 71.315 ng
RT: 9.09 min Scan# 1190
Delta R.T. 0.00 min
Lab File: BF119313.D
Acq: 10 Mar 2020 13:07

Instrument :
BNA_F
ClientSampleId :
PB127381BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.6	30.6	45.8
170	24.3	20.2	30.2

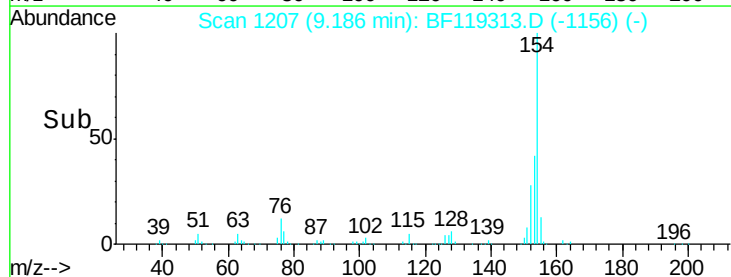
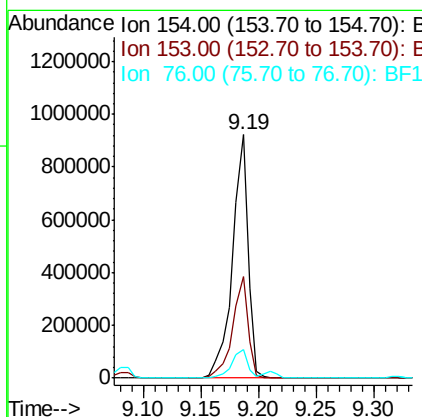
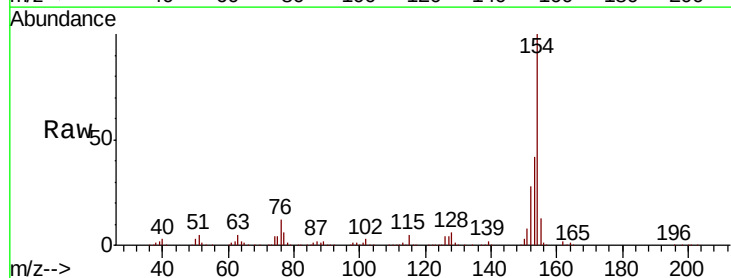
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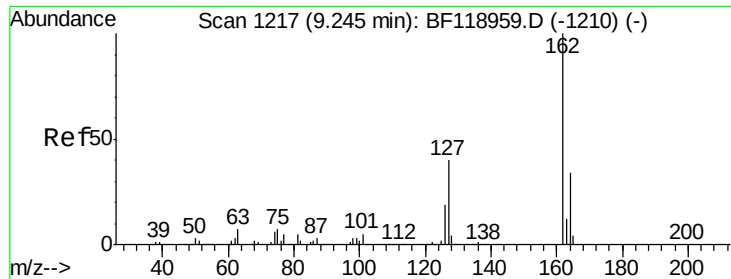
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#46
1,1'-Biphenyl
Concen: 40.332 ng
RT: 9.19 min Scan# 1207
Delta R.T. 0.00 min
Lab File: BF119313.D
Acq: 10 Mar 2020 13:07

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.6	22.8	62.8
76	11.6	0.0	32.2





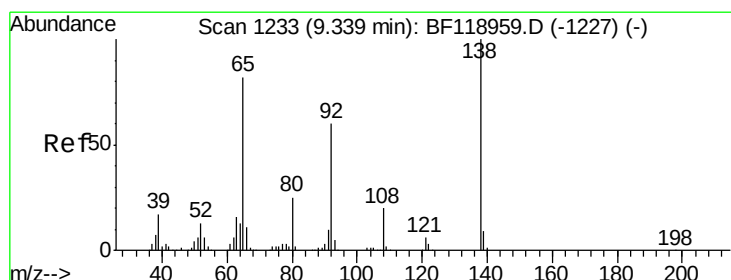
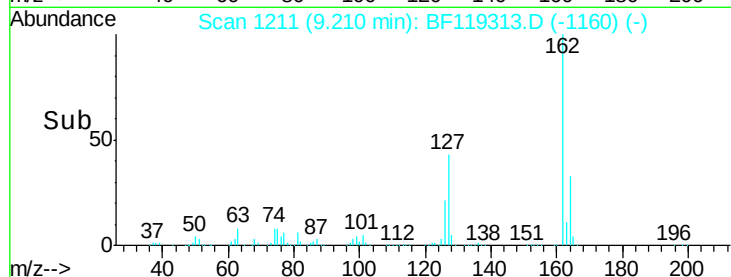
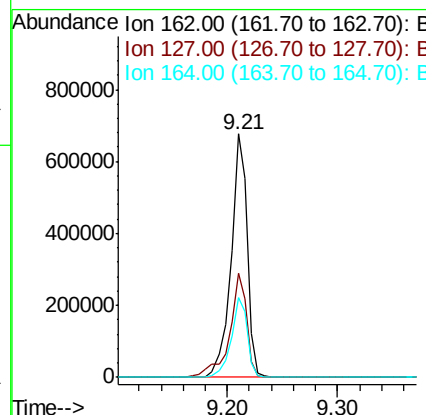
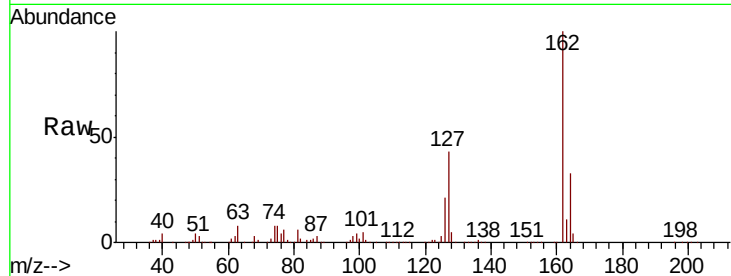
#47
 2-Chloronaphthalene
 Concen: 39.997 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. 0.00 min
 Lab File: BF119313.D
 Acq: 10 Mar 2020 13:07

Instrument :
 BNA_F
 ClientSampleId :
 PB127381BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	692421		
127	42.6	35.0	52.4	
164	32.8	27.2	40.8	

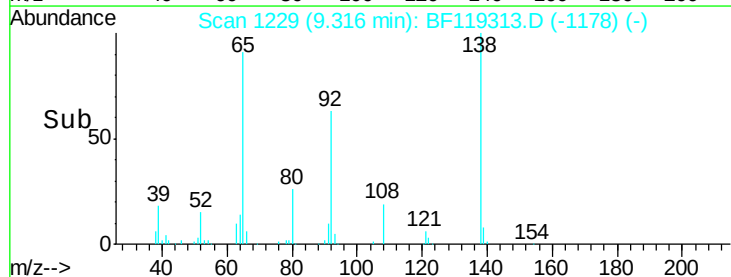
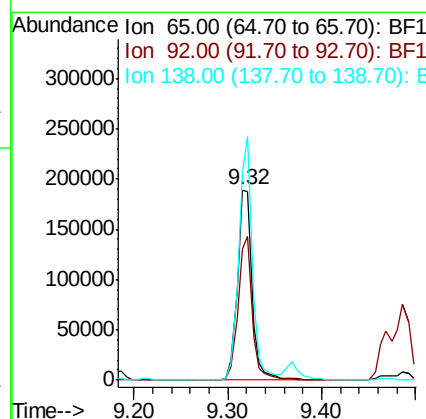
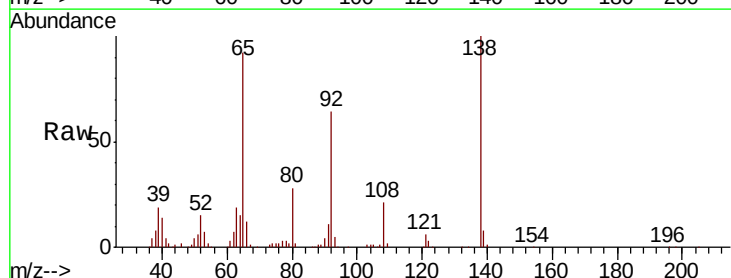
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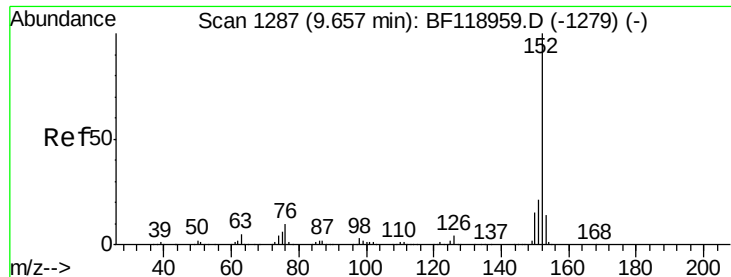
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#48
 2-Nitroaniline
 Concen: 42.999 ng
 RT: 9.32 min Scan# 1229
 Delta R.T. 0.00 min
 Lab File: BF119313.D
 Acq: 10 Mar 2020 13:07

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	207623		
92	69.1	58.2	87.2	
138	108.6	95.6	143.4	





#49

Acenaphthylene

Concen: 42.359 ng

RT: 9.63 min Scan# 1282

Delta R.T. 0.01 min

Lab File: BF119313.D

Acq: 10 Mar 2020 13:07

Instrument :

BNA_F

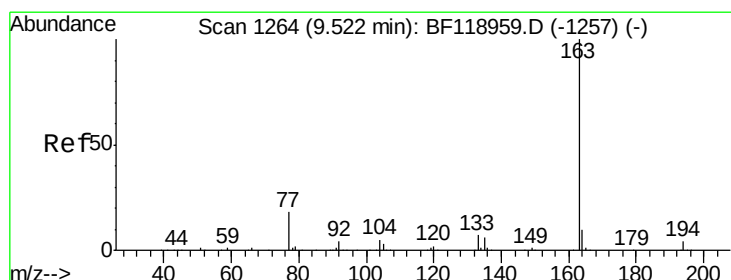
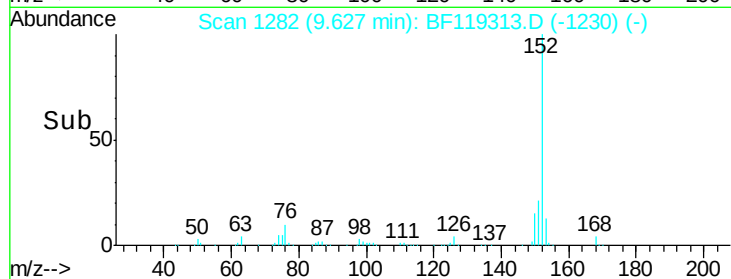
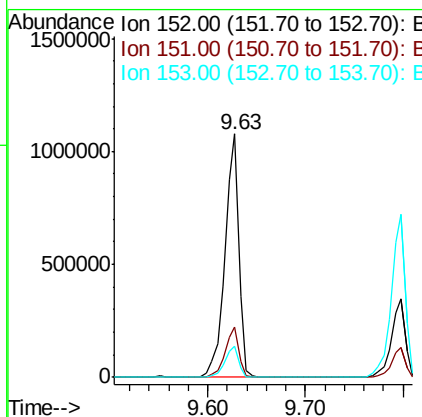
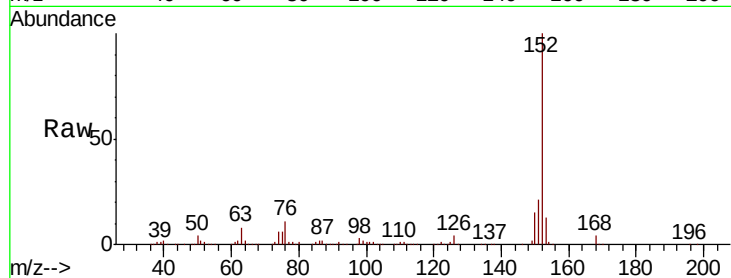
ClientSampleId :

PB127381BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
152	100		1059105		
151	20.8	16.9	25.3		
153	12.8	11.0	16.6		

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#50

Dimethylphthalate

Concen: 41.413 ng

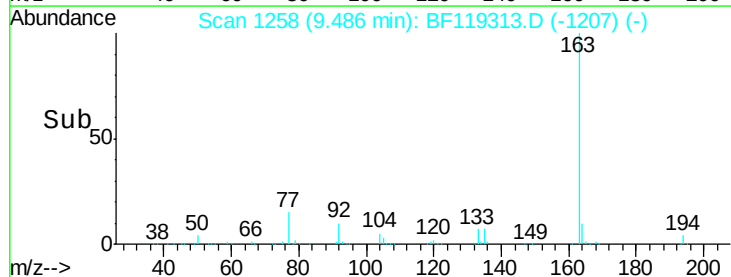
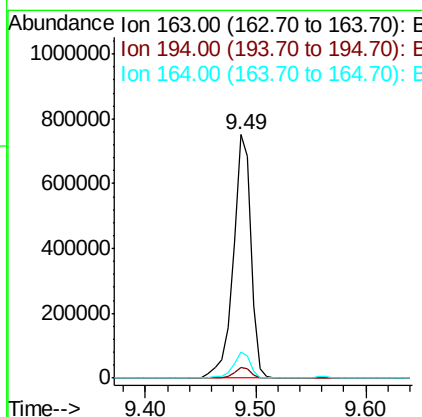
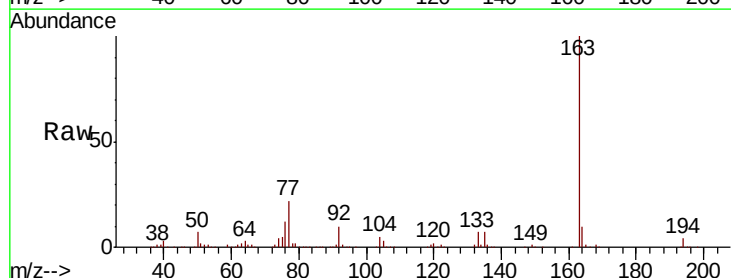
RT: 9.49 min Scan# 1258

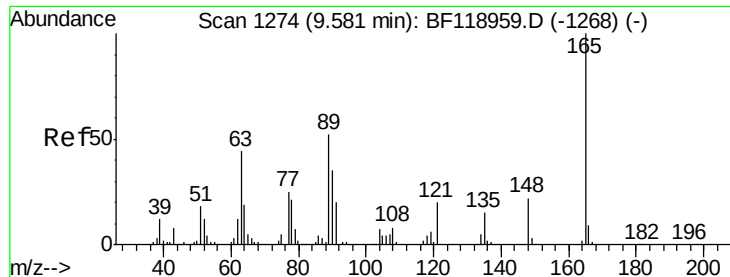
Delta R.T. 0.00 min

Lab File: BF119313.D

Acq: 10 Mar 2020 13:07

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
163	100		841742		
194	4.2	3.5	5.3		
164	10.5	8.4	12.6		





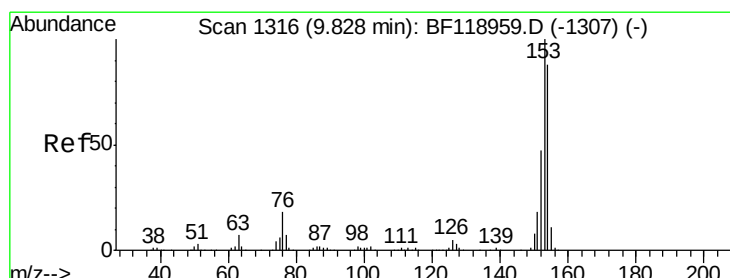
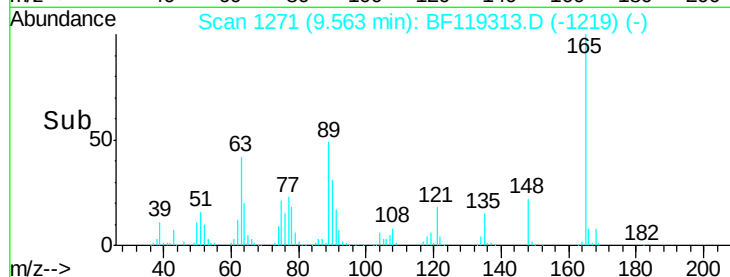
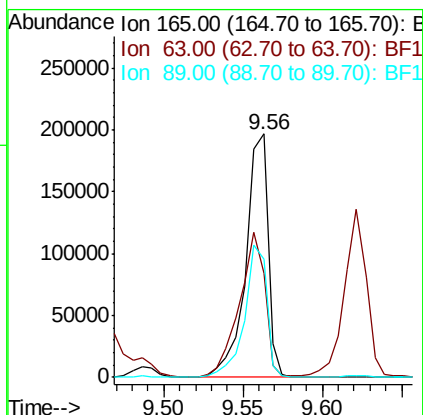
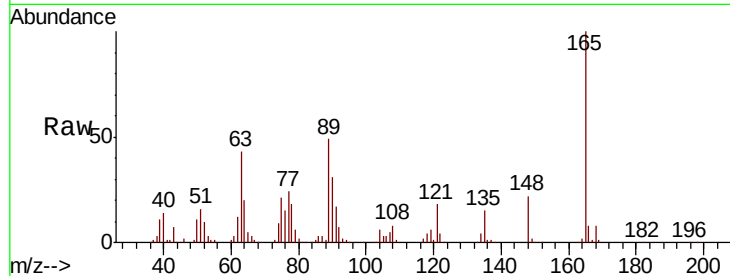
#51
 2,6-Dinitrotoluene
 Concen: 42.516 ng
 RT: 9.56 min Scan# 1271
 Delta R.T. 0.01 min
 Lab File: BF119313.D
 Acq: 10 Mar 2020 13:07

Instrument :
 BNA_F
 ClientSampleId :
 PB127381BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		191995		
63	42.5	34.3	51.5		
89	48.8	38.3	57.5		

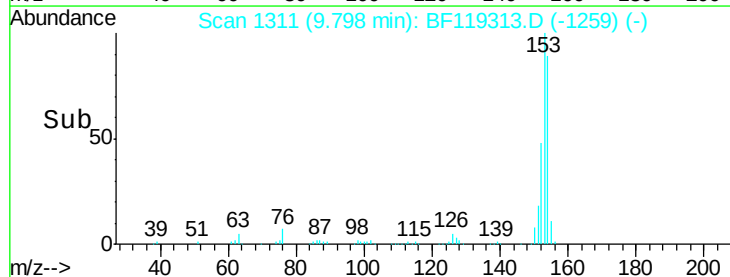
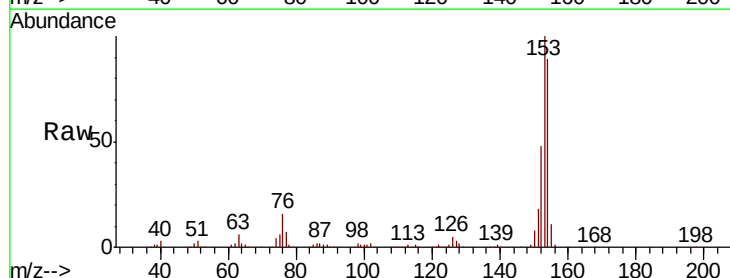
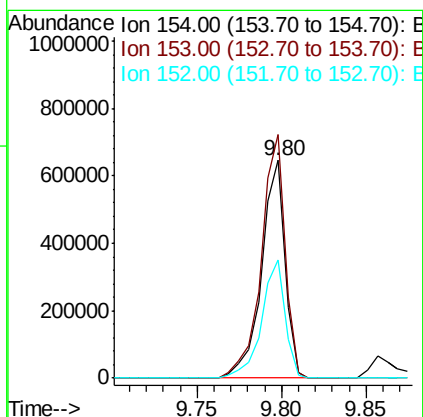
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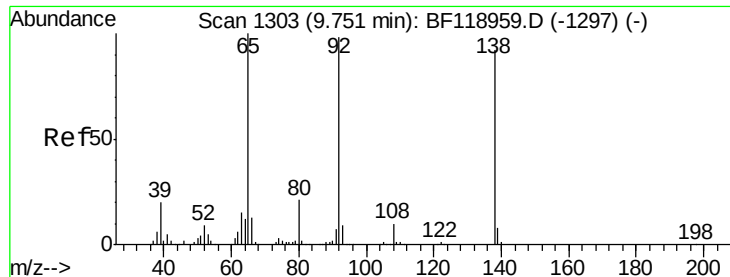
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#52
 Acenaphthene
 Concen: 41.616 ng
 RT: 9.80 min Scan# 1311
 Delta R.T. 0.01 min
 Lab File: BF119313.D
 Acq: 10 Mar 2020 13:07

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
154	100		627426		
153	111.9	90.3	135.5		
152	54.1	43.8	65.8		





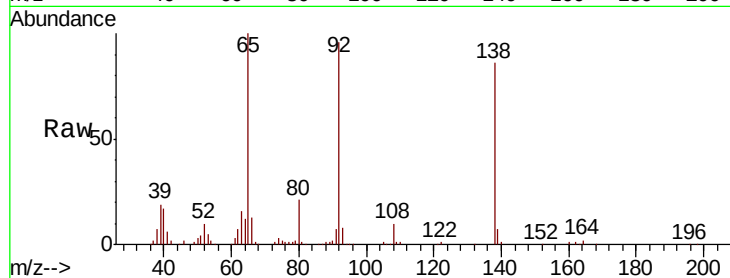
#53
3-Nitroaniline
Concen: 27.742 ng
RT: 9.73 min Scan# 1300
Delta R.T. 0.01 min
Lab File: BF119313.D
Acq: 10 Mar 2020 13:07

Instrument :
BNA_F
ClientSampleId :
PB127381BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	11.8	8.8	13.2
92	111.0	84.8	127.2

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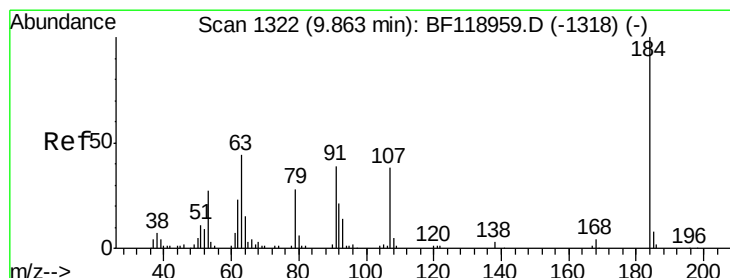
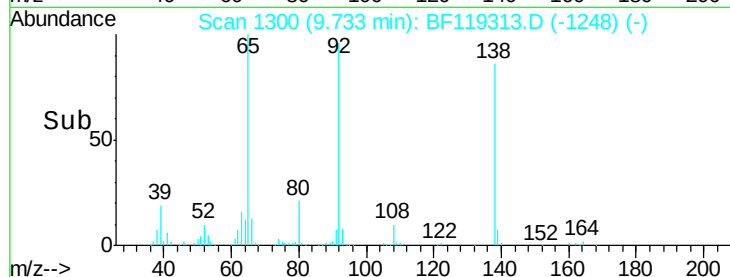
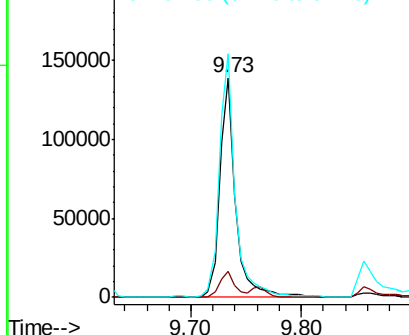


Abundance

Ion 138.00 (137.70 to 138.70): E

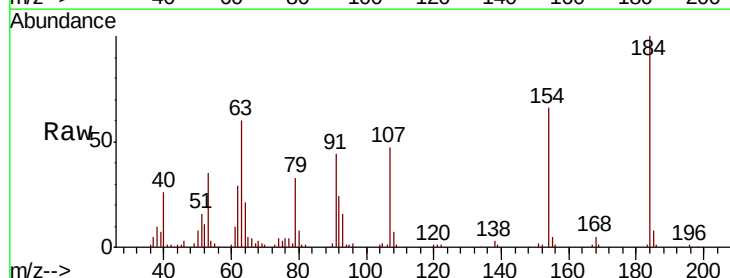
Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#54
2,4-Dinitrophenol
Concen: 64.671 ng
RT: 9.86 min Scan# 1321
Delta R.T. 0.01 min
Lab File: BF119313.D
Acq: 10 Mar 2020 13:07

Tgt Ion	Ratio	Lower	Upper
184	100		
63	60.3	38.7	58.1#
154	65.5	49.7	74.5

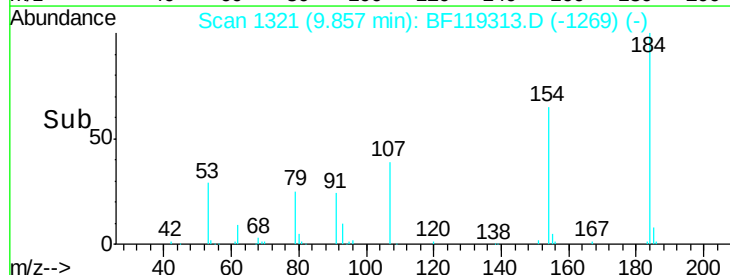
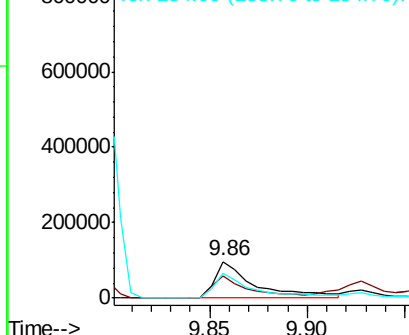


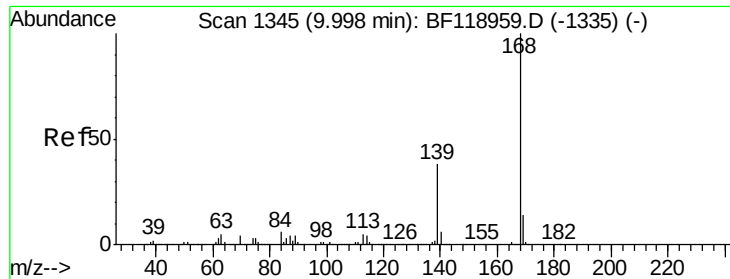
Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E





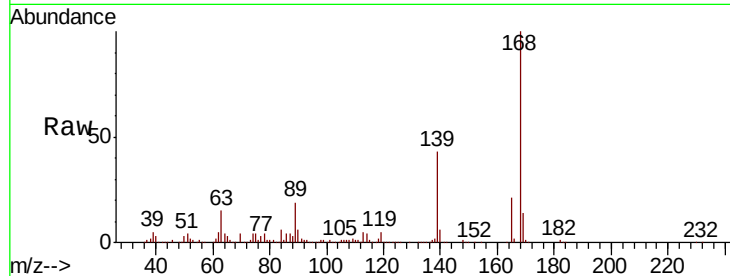
#55
Dibenzenofuran
Concen: 41.262 ng
RT: 9.97 min Scan# 1340
Delta R.T. 0.00 min
Lab File: BF119313.D
Acq: 10 Mar 2020 13:07

Instrument :
BNA_F
ClientSampled :
PB127381BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	43.0	34.0	51.0
169	13.8	11.0	16.4

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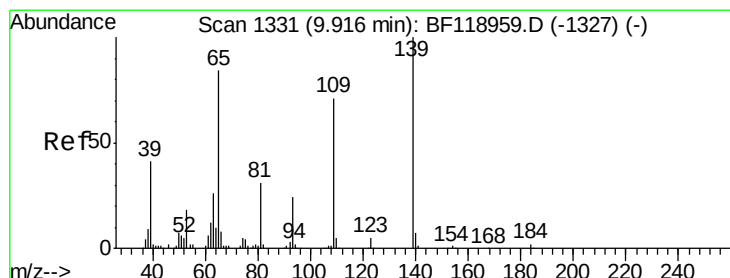
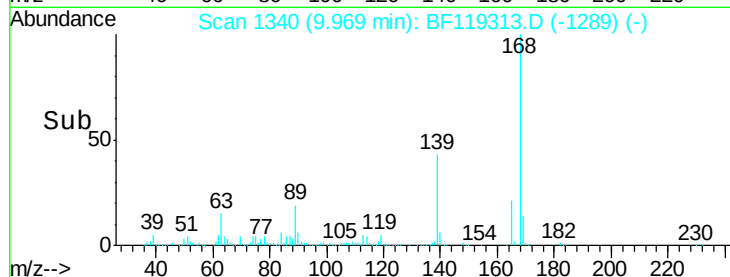
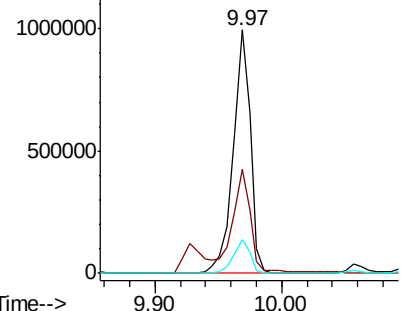


Abundance

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: 45.740 ng
RT: 9.93 min Scan# 1333
Delta R.T. 0.01 min
Lab File: BF119313.D
Acq: 10 Mar 2020 13:07

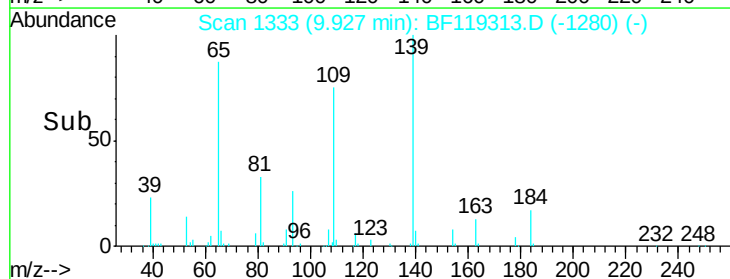
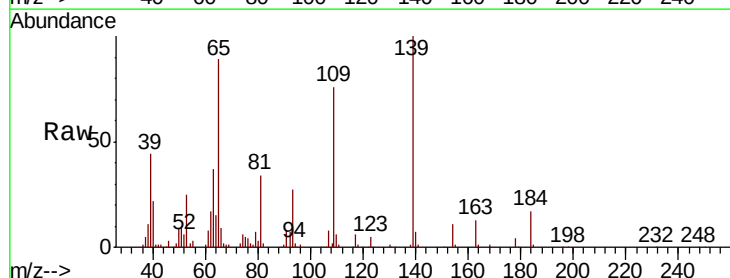
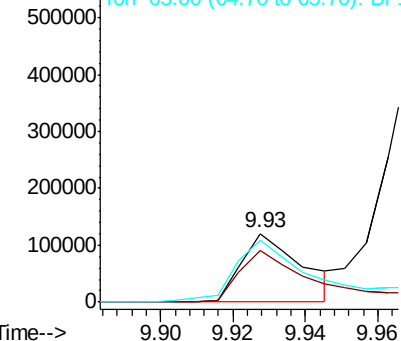
Tgt Ion	Ratio	Lower	Upper
139	100		
109	76.1	56.7	96.7
65	89.5	65.0	105.0

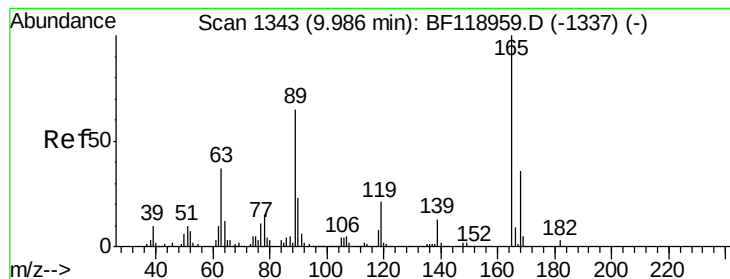
Abundance

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





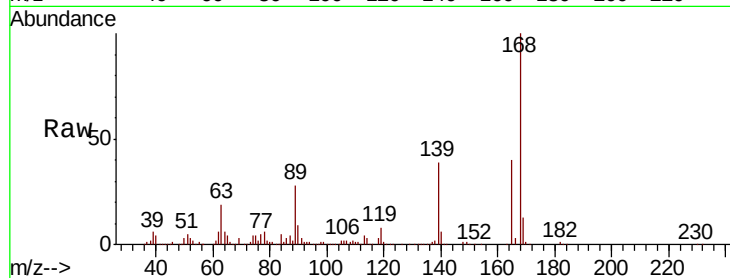
#57
 2,4-Dinitrotoluene
 Concen: 41.685 ng
 RT: 9.97 min Scan# 1341
 Delta R.T. 0.01 min
 Lab File: BF119313.D
 Acq: 10 Mar 2020 13:07

Instrument :
 BNA_F
 ClientSampleId :
 PB127381BS

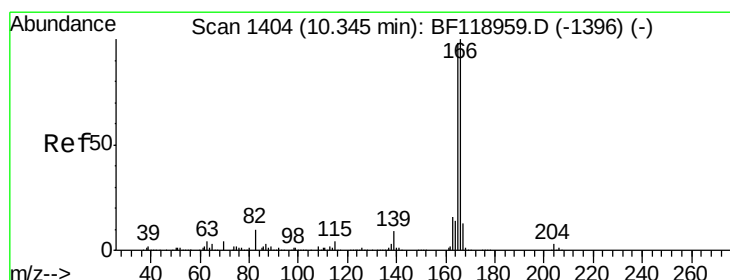
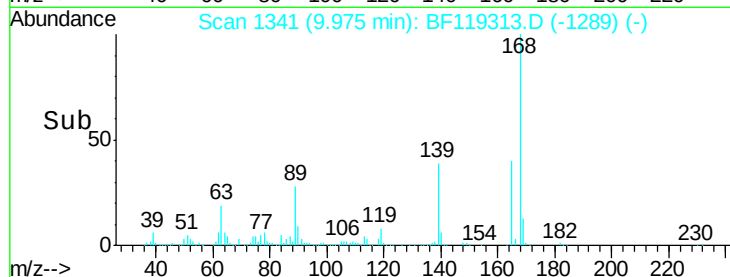
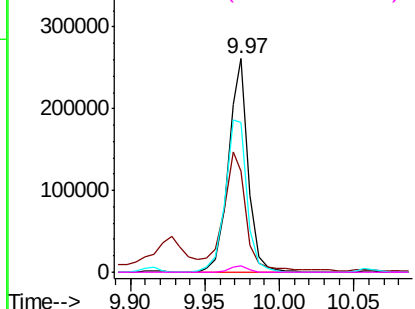
Tot Ion	Ratio	Resp	Lower	Upper
165	100	243992		
63	47.4		42.3	63.5
89	70.4		60.2	90.4
182	2.9		2.3	3.5

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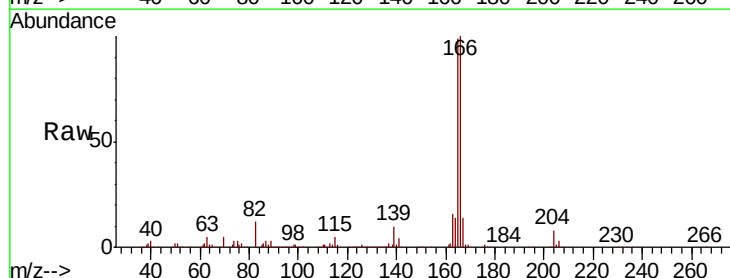


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

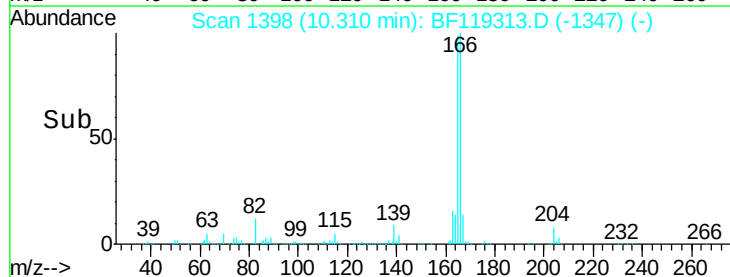
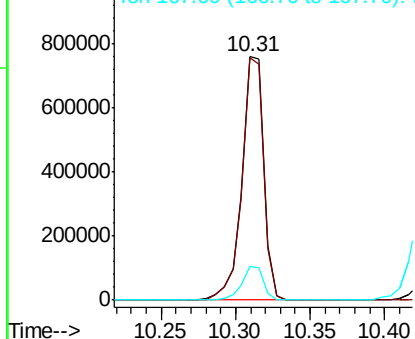


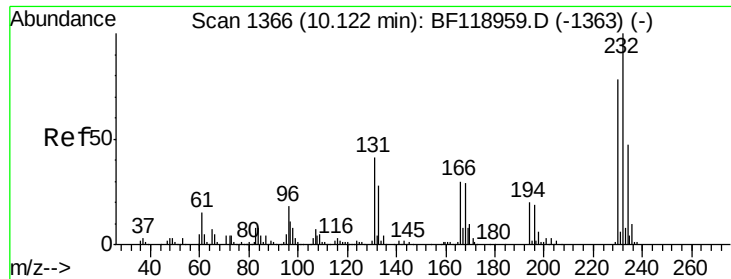
#58
 Fluorene
 Concen: 43.813 ng
 RT: 10.31 min Scan# 1398
 Delta R.T. 0.00 min
 Lab File: BF119313.D
 Acq: 10 Mar 2020 13:07

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	766134		
165	99.4		78.5	117.7
167	13.8		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





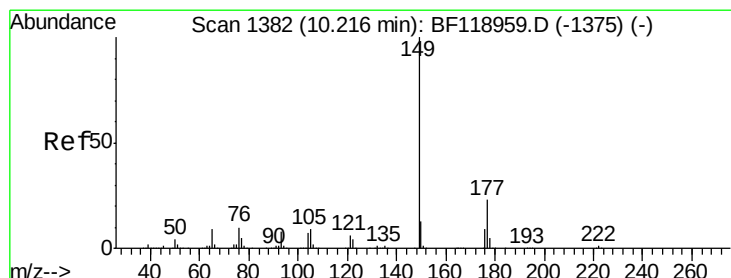
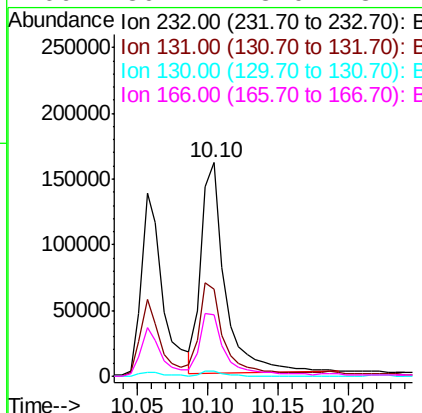
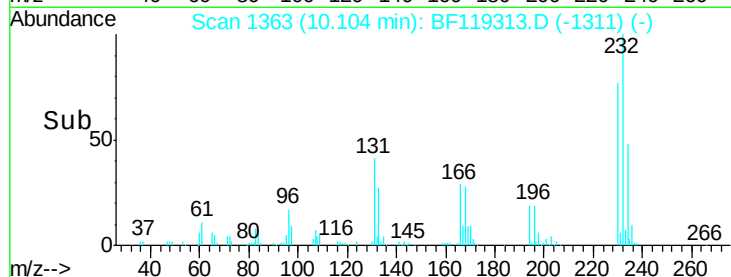
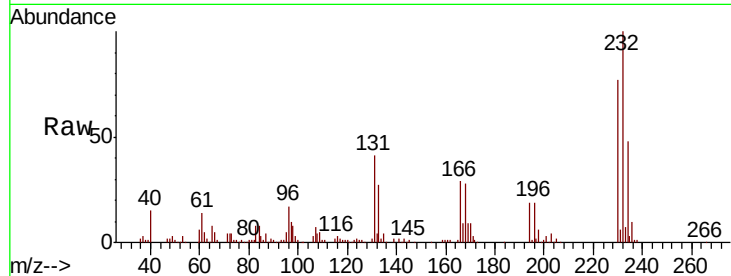
#59
2,3,4,6-Tetrachlorophenol
Concen: 38.244 ng
RT: 10.10 min Scan# 1363
Delta R.T. 0.01 min
Lab File: BF119313.D
Acq: 10 Mar 2020 13:07

Instrument :
BNA_F
ClientSampleId :
PB127381BS

Tot Ion	Ratio	Lower	Upper
232	100		
131	43.2	33.8	50.8
130	2.5	1.8	2.6
166	30.1	23.0	34.4

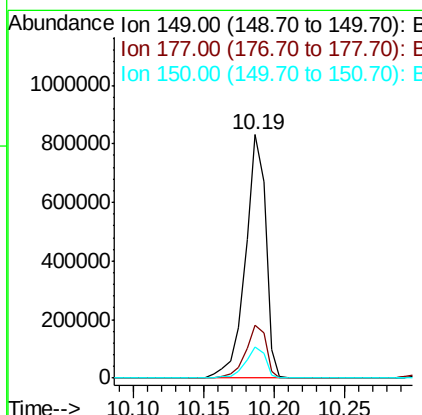
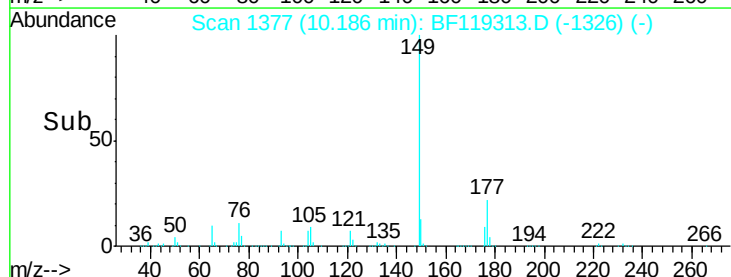
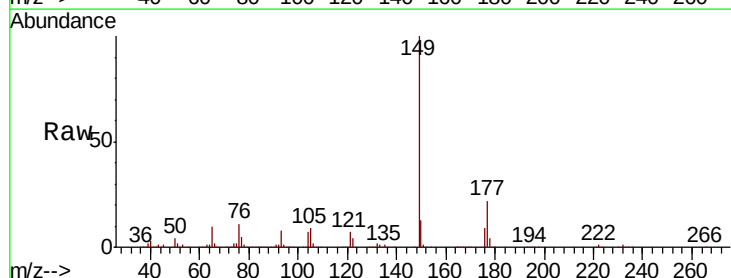
Manual Integrations
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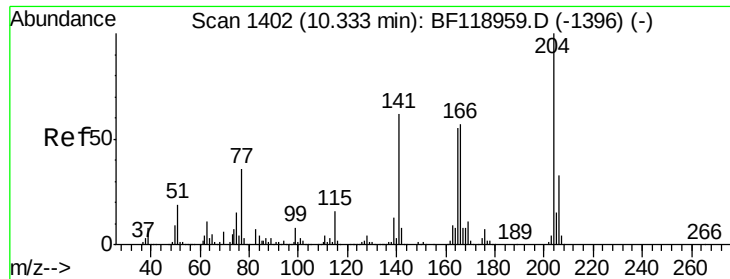
mohammad
3/11/2020 4:57:48 PM



#60
Diethylphthalate
Concen: 43.566 ng
RT: 10.19 min Scan# 1377
Delta R.T. 0.00 min
Lab File: BF119313.D
Acq: 10 Mar 2020 13:07

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.0	18.2	27.2
150	12.7	10.5	15.7





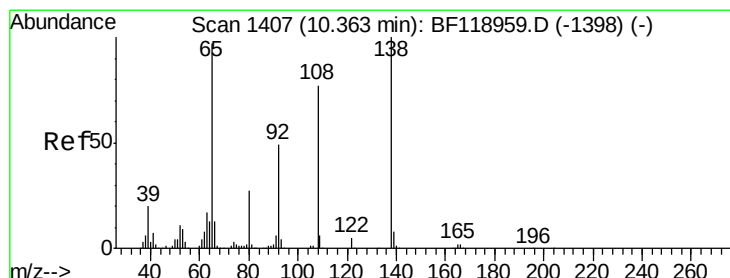
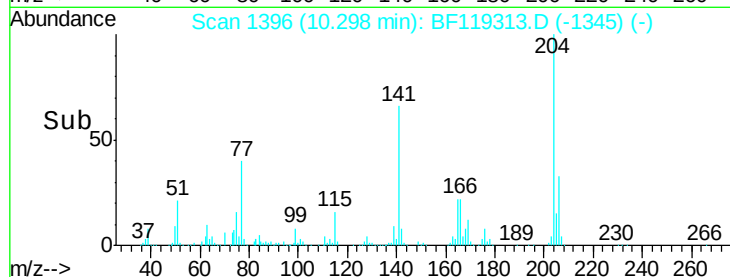
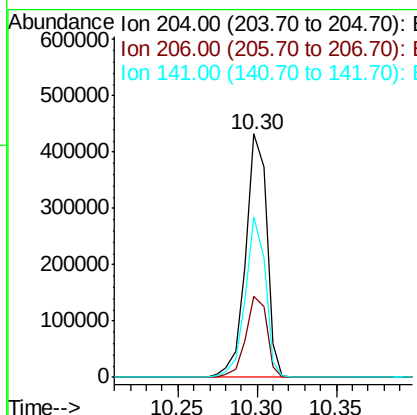
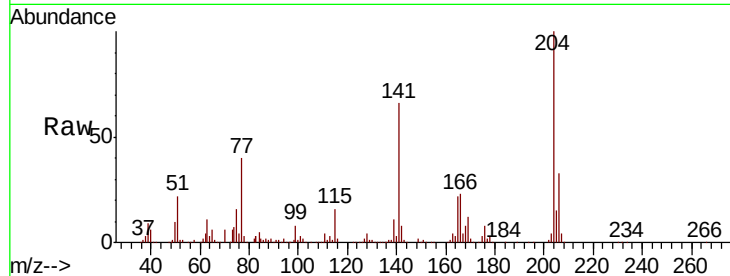
#61
4-Chlorophenyl-phenylether
Concen: 43.272 ng
RT: 10.30 min Scan# 1396
Delta R.T. 0.00 min
Lab File: BF119313.D
Acq: 10 Mar 2020 13:07

Instrument :
BNA_F
ClientSampleId :
PB127381BS

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.1	27.1	40.7
141	65.8	52.9	79.3

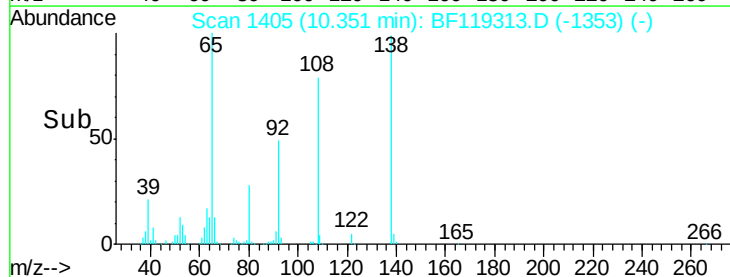
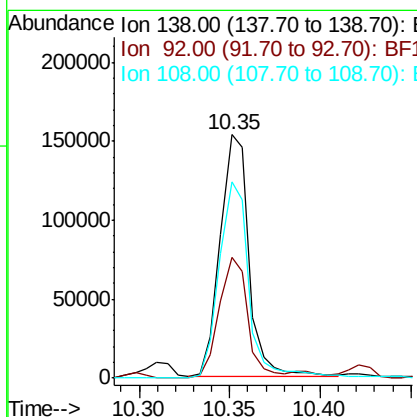
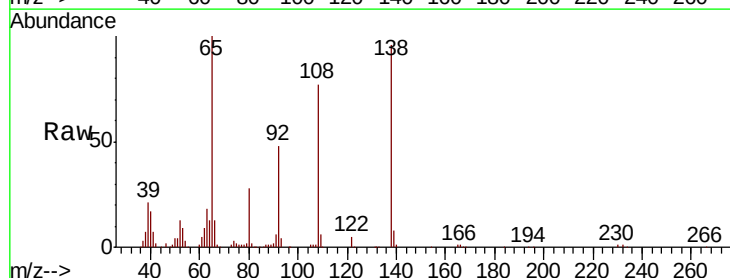
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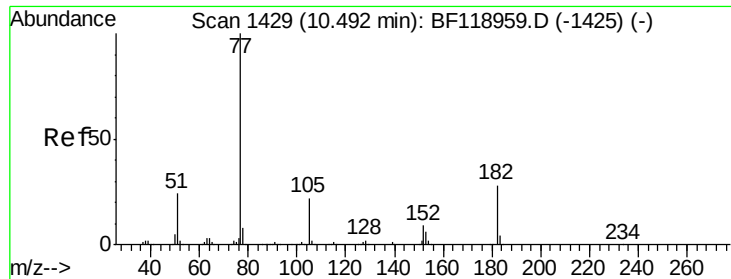
mohammad
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#62
4-Nitroaniline
Concen: 33.458 ng
RT: 10.35 min Scan# 1405
Delta R.T. 0.01 min
Lab File: BF119313.D
Acq: 10 Mar 2020 13:07

Tgt Ion	Ratio	Lower	Upper
138	100		
92	49.8	27.3	67.3
108	80.8	57.0	97.0





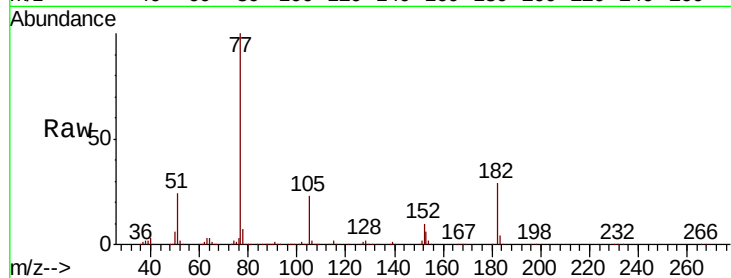
#63
Azobenzene
Concen: 44.359 ng
RT: 10.46 min Scan# 1424
Delta R.T. 0.01 min
Lab File: BF119313.D
Acq: 10 Mar 2020 13:07

Instrument :
BNA_F
ClientSampleId :
PB127381BS

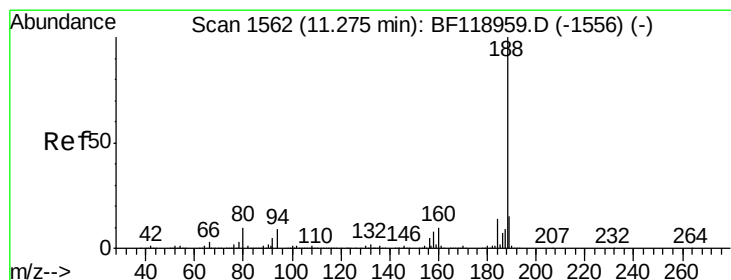
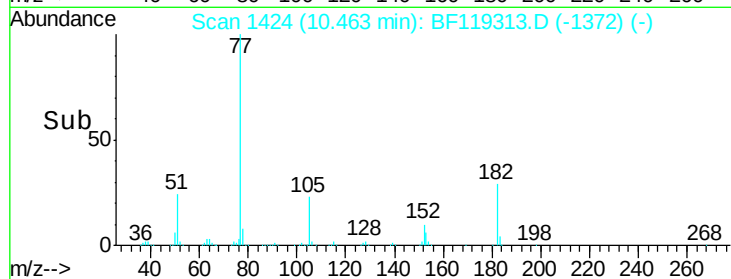
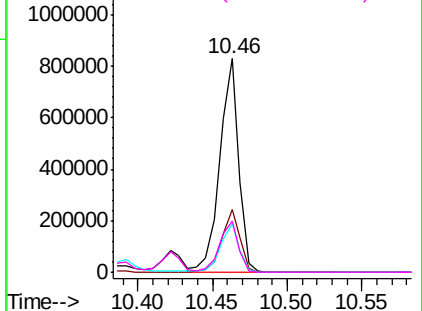
Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	29.3	11.4	51.4	
105	22.8	3.4	43.4	
51	24.1	5.1	45.1	

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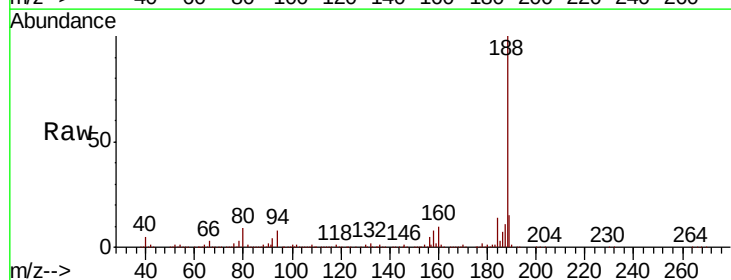


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

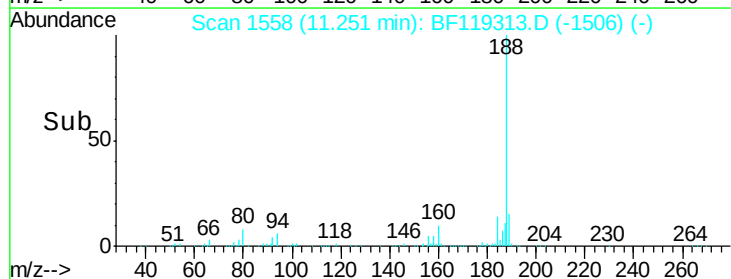
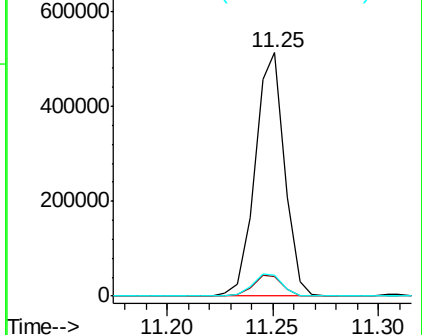


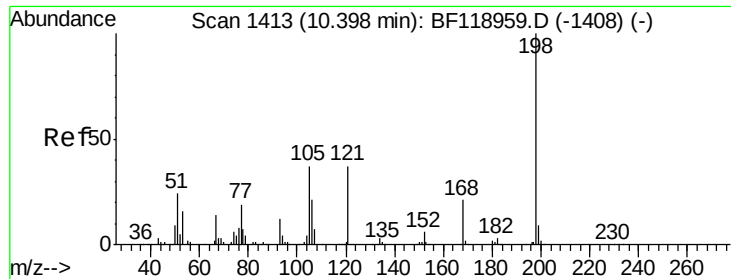
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.25 min Scan# 1558
Delta R.T. 0.01 min
Lab File: BF119313.D
Acq: 10 Mar 2020 13:07

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	7.9	7.1	10.7	
80	8.6	7.8	11.8	



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1





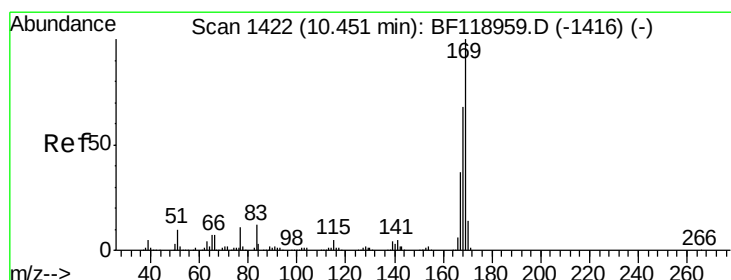
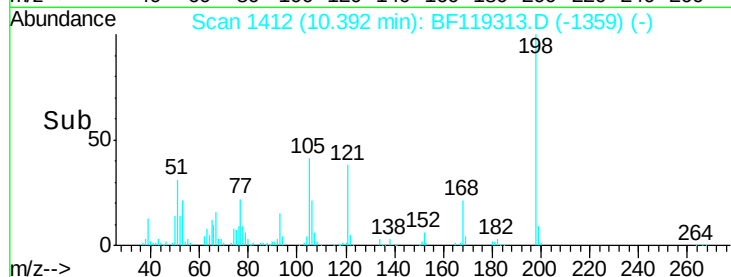
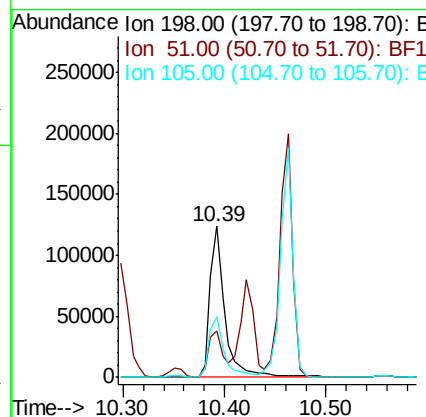
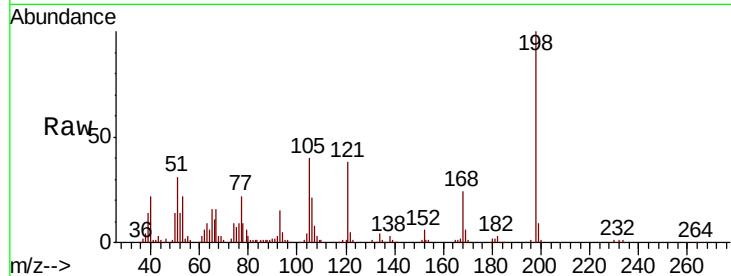
#65
4,6-Dinitro-2-methylphenol
Concen: 42.337 ng
RT: 10.39 min Scan# 1412
Delta R.T. 0.01 min
Lab File: BF119313.D
Acq: 10 Mar 2020 13:07

Instrument :
BNA_F
ClientSampleId :
PB127381BS

Tot Ion	Ratio	Resp	Lower	Upper
198	100	127791		
51	30.6		14.2	54.2
105	40.4		22.7	62.7

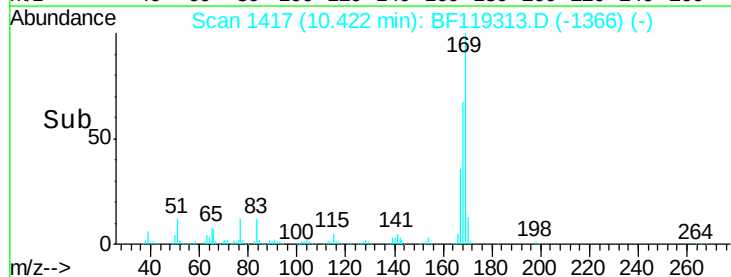
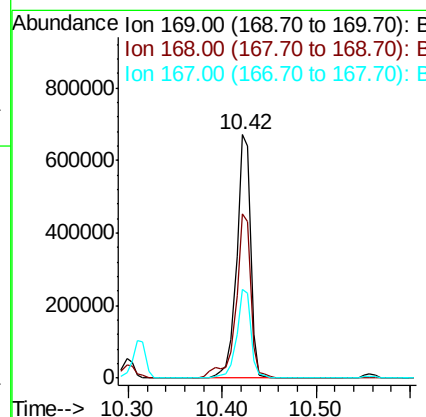
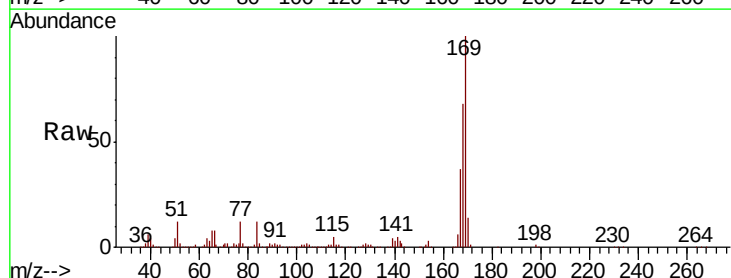
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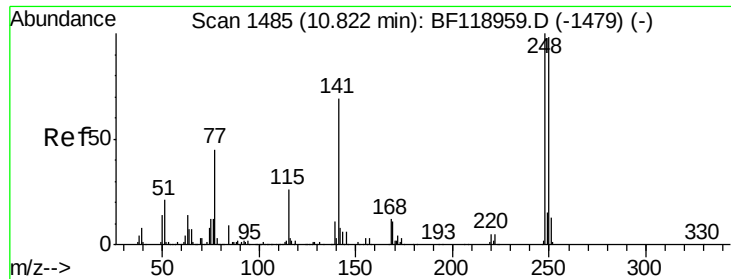
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#66
n-Nitrosodiphenylamine
Concen: 42.360 ng
RT: 10.42 min Scan# 1417
Delta R.T. 0.00 min
Lab File: BF119313.D
Acq: 10 Mar 2020 13:07

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	691868		
168	67.6		54.1	81.1
167	36.6		29.4	44.0





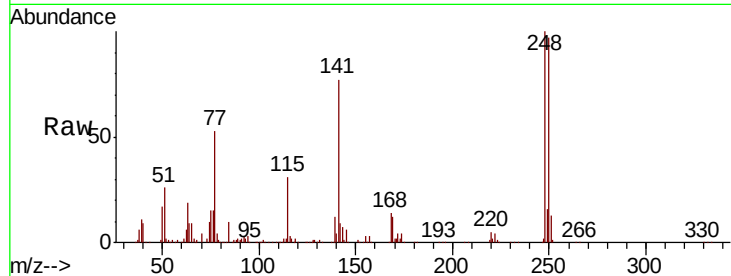
#67
4-Bromophenyl-phenylether
Concen: 40.212 ng
RT: 10.79 min Scan# 1479
Delta R.T. 0.00 min
Lab File: BF119313.D
Acq: 10 Mar 2020 13:07

Instrument :
BNA_F
ClientSampleId :
PB127381BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.9	76.7	115.1
141	77.3	60.7	91.1

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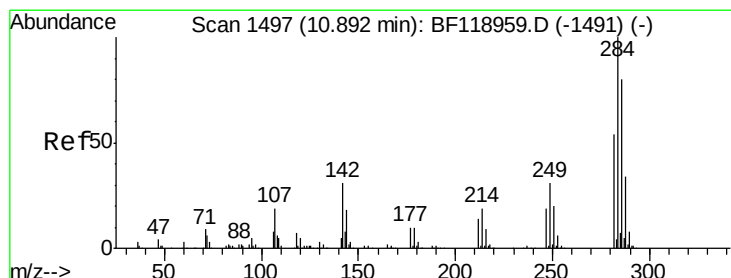
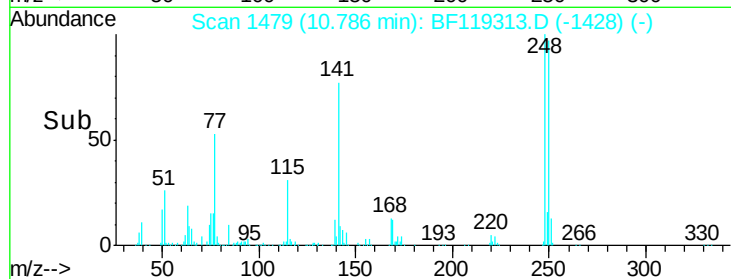
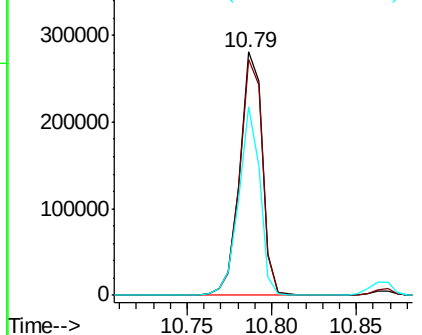


Abundance

Ion 248.00 (247.70 to 248.70): E

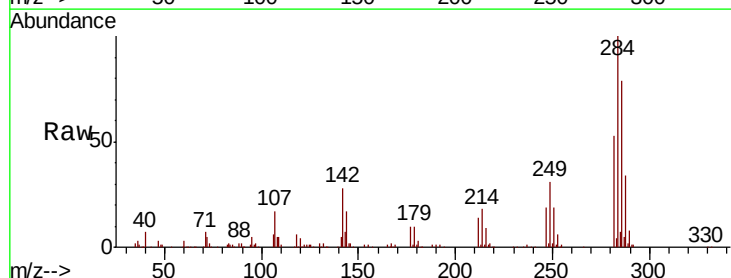
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 40.143 ng
RT: 10.87 min Scan# 1493
Delta R.T. 0.01 min
Lab File: BF119313.D
Acq: 10 Mar 2020 13:07

Tgt Ion	Ratio	Lower	Upper
284	100		
142	28.2	23.7	35.5
249	31.5	25.0	37.6

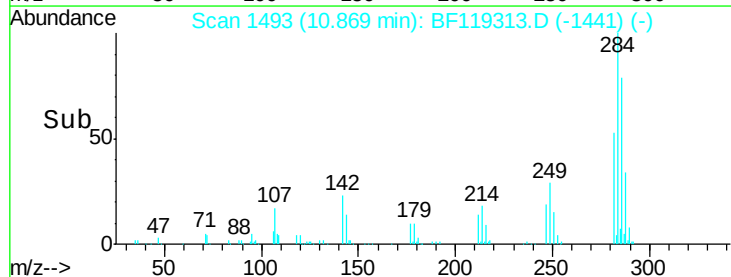
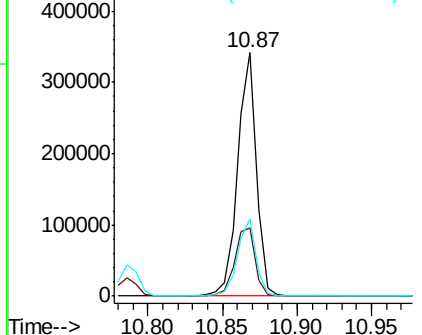


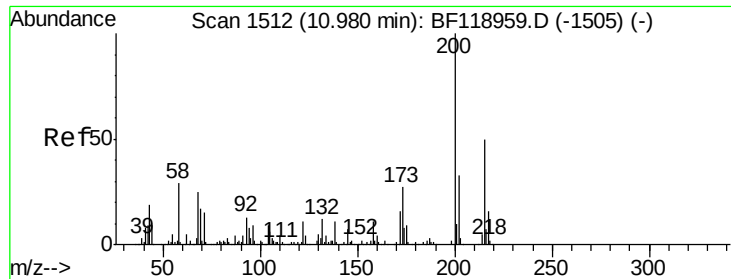
Abundance

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





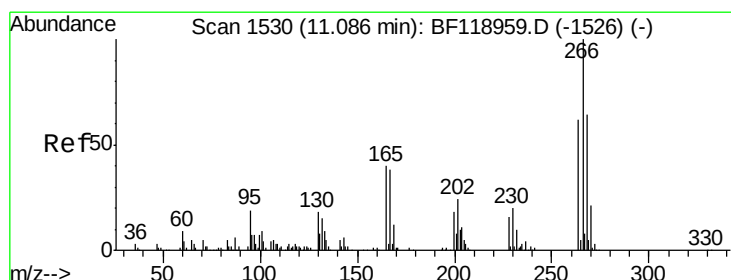
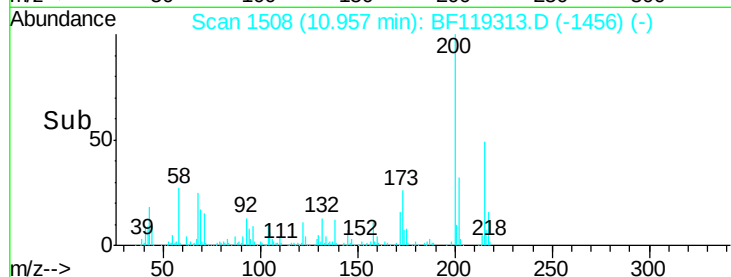
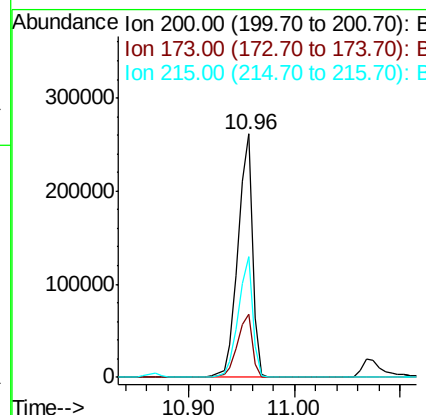
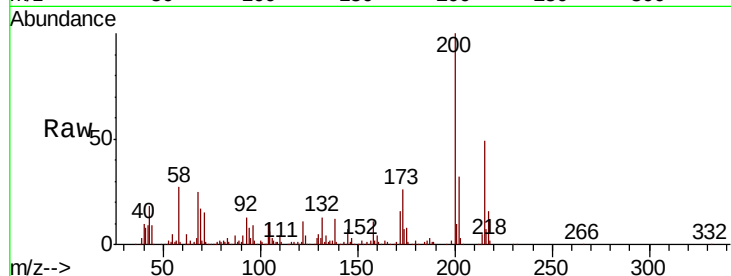
#69
Atrazine
Concen: 43.476 ng
RT: 10.96 min Scan# 1508
Delta R.T. 0.01 min
Lab File: BF119313.D
Acq: 10 Mar 2020 13:07

Instrument :
BNA_F
ClientSampleId :
PB127381BS

Tot Ion	Ratio	Resp	Lower	Upper
200	100	248103		
173	25.8	6.4	46.4	
215	49.3	27.4	67.4	

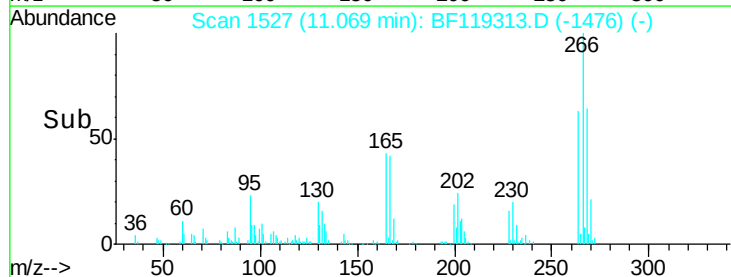
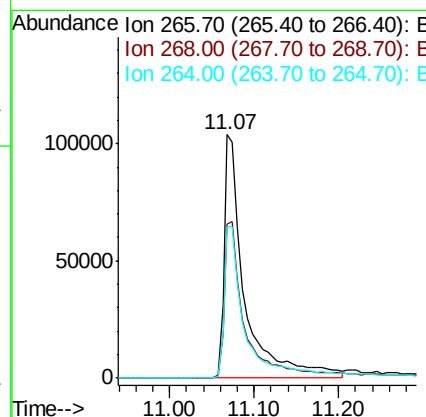
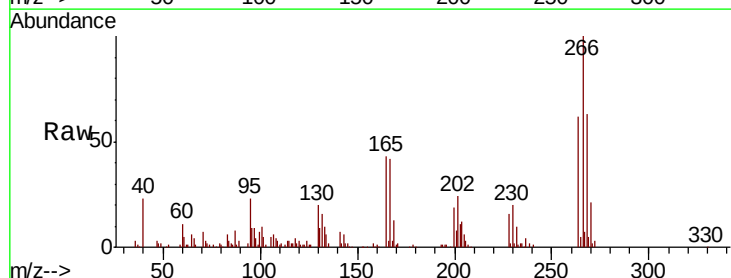
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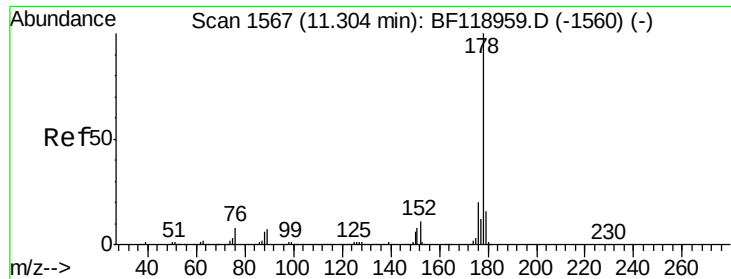
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#70
Pentachlorophenol
Concen: 58.679 ng
RT: 11.07 min Scan# 1527
Delta R.T. 0.00 min
Lab File: BF119313.D
Acq: 10 Mar 2020 13:07

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	177693		
268	63.3	51.9	77.9	
264	62.3	51.0	76.4	





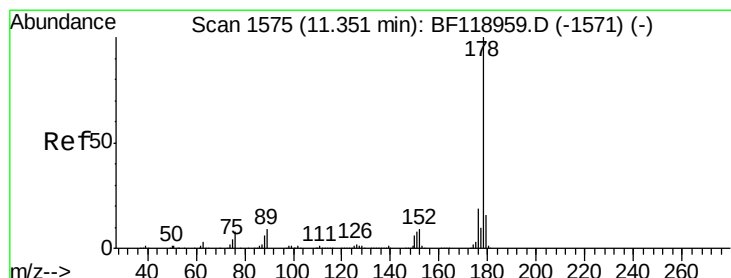
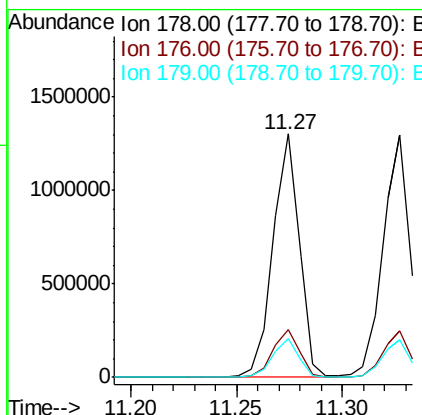
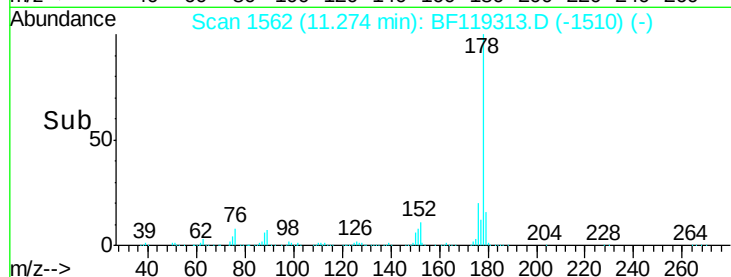
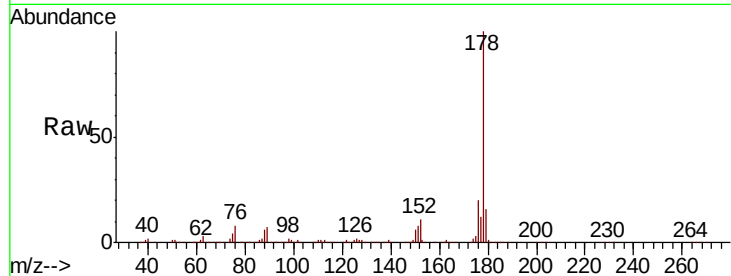
#71
 Phenanthrene
 Concen: 41.797 ng
 RT: 11.27 min Scan# 1562
 Delta R.T. 0.01 min
 Lab File: BF119313.D
 Acq: 10 Mar 2020 13:07

Instrument :
 BNA_F
 ClientSampleId :
 PB127381BS

Tot Ion:178 Resp: 1137016
 Ion Ratio Lower Upper
 178 100
 176 19.6 16.5 24.7
 179 15.7 13.0 19.6

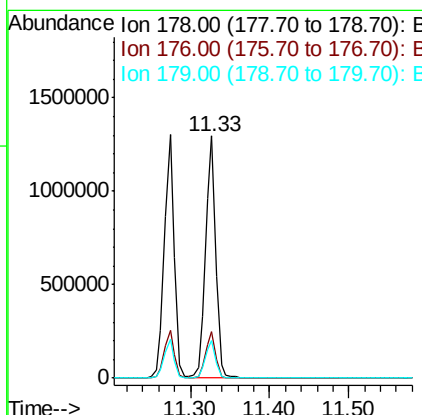
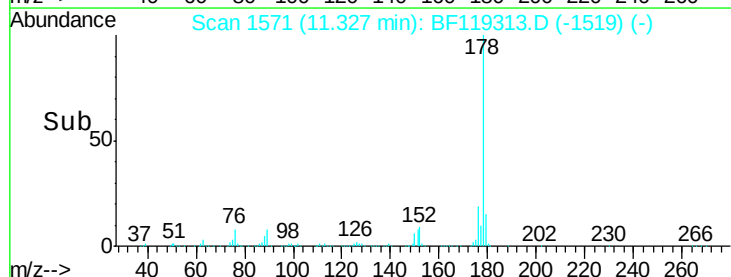
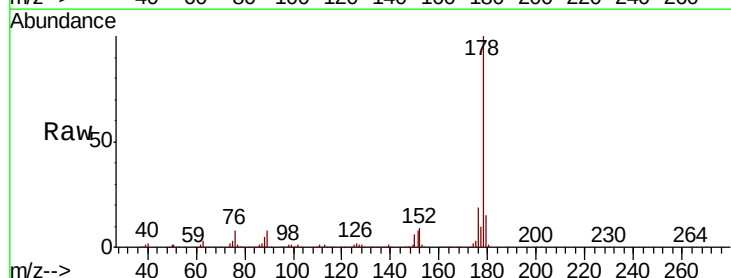
Manual Integrations
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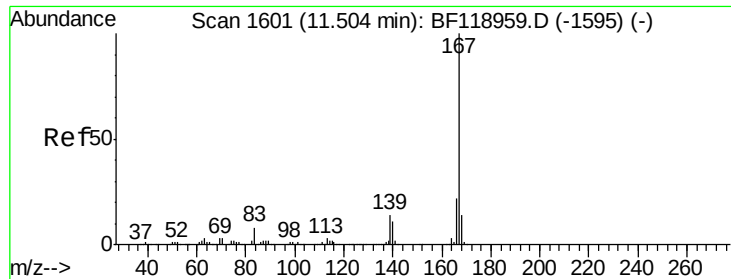
mohammad
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#72
 Anthracene
 Concen: 43.192 ng
 RT: 11.33 min Scan# 1571
 Delta R.T. 0.01 min
 Lab File: BF119313.D
 Acq: 10 Mar 2020 13:07

Tgt Ion:178 Resp: 1173973
 Ion Ratio Lower Upper
 178 100
 176 19.1 16.0 24.0
 179 15.4 13.1 19.7





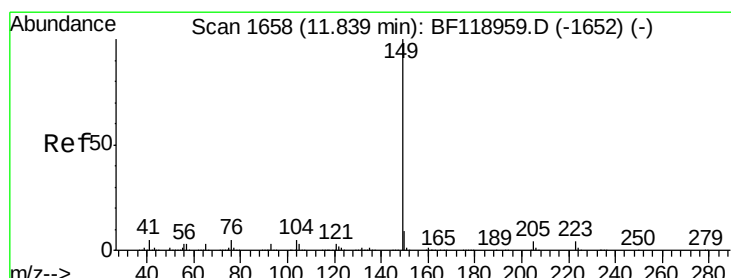
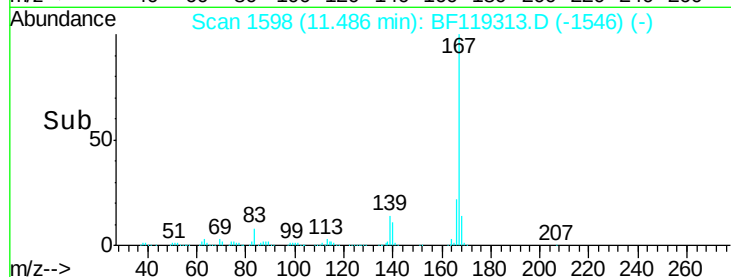
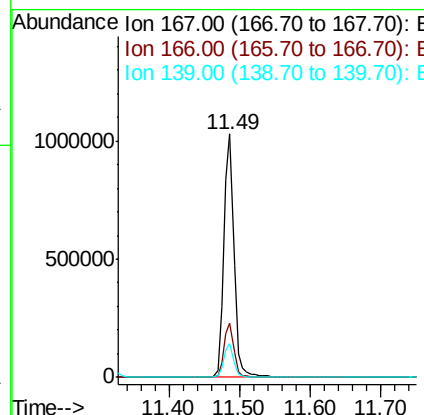
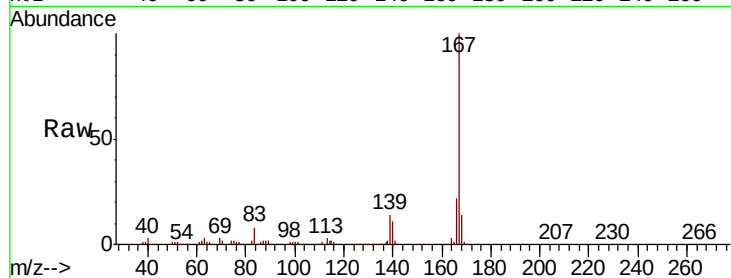
#73
 Carbazole
 Concen: 42.285 ng
 RT: 11.49 min Scan# 1598
 Delta R.T. 0.01 min
 Lab File: BF119313.D
 Acq: 10 Mar 2020 13:07

Instrument :
 BNA_F
 ClientSampleId :
 PB127381BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.4	18.2	27.4
139	13.8	11.7	17.5

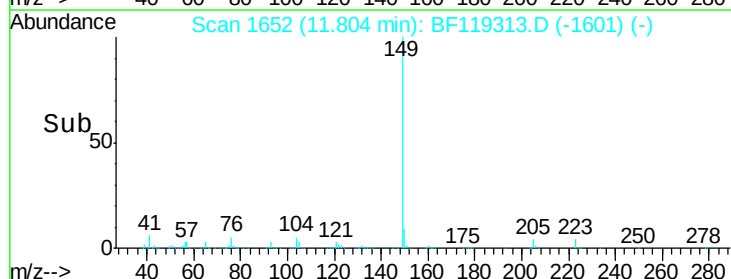
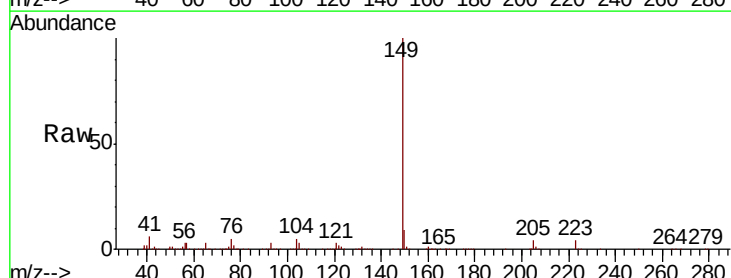
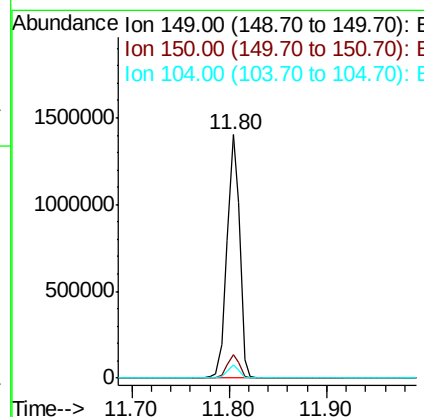
Manual Integrations
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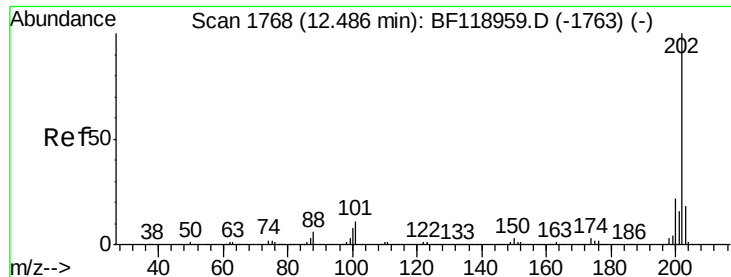
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#74
 Di-n-butylphthalate
 Concen: 42.996 ng
 RT: 11.80 min Scan# 1652
 Delta R.T. 0.00 min
 Lab File: BF119313.D
 Acq: 10 Mar 2020 13:07

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.5	7.9	11.9
104	5.5	4.6	6.8





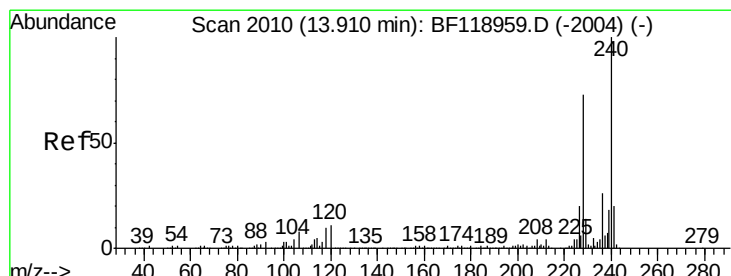
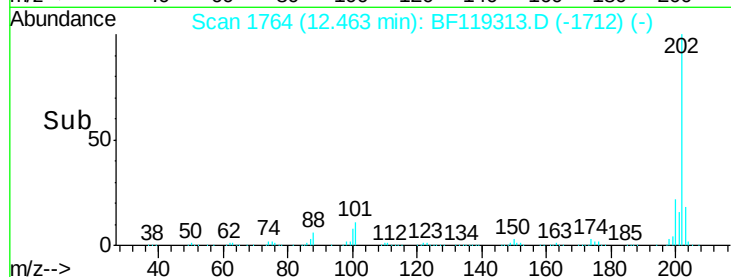
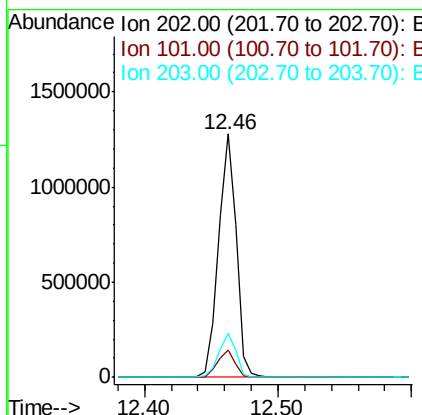
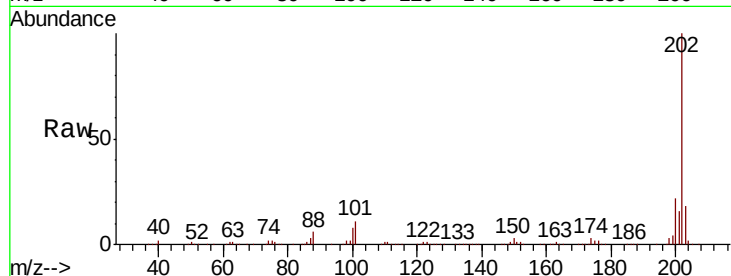
#75
Fluoranthene
Concen: 41.694 ng
RT: 12.46 min Scan# 1764
Delta R.T. 0.01 min
Lab File: BF119313.D
Acq: 10 Mar 2020 13:07

Instrument :
BNA_F
ClientSampleId :
PB127381BS

Tot Ion	Ratio	Lower	Upper
202	100		
101	11.1	0.0	30.3
203	18.1	0.0	38.4

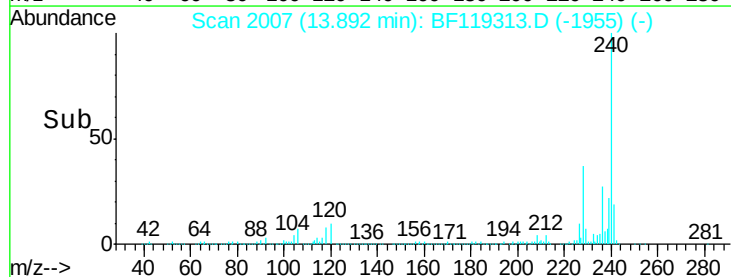
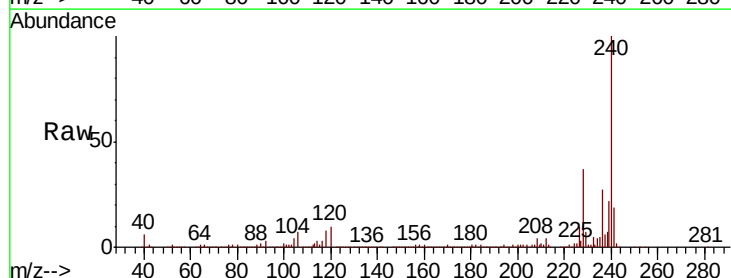
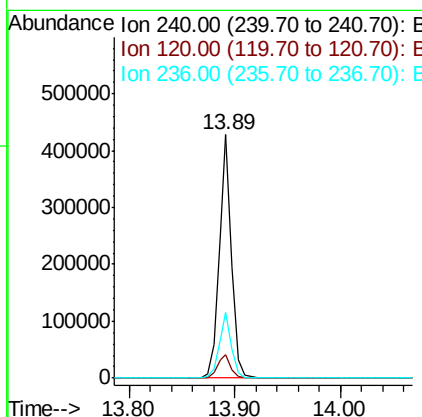
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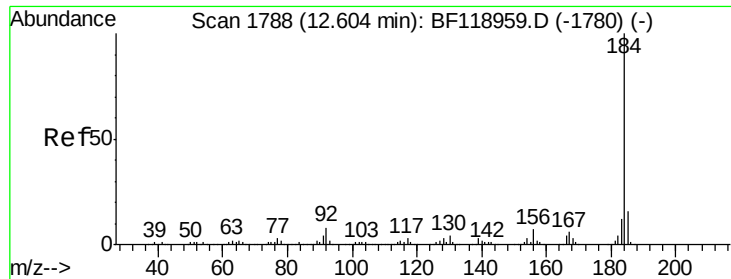
mohammad
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#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.89 min Scan# 2007
Delta R.T. 0.01 min
Lab File: BF119313.D
Acq: 10 Mar 2020 13:07

Tgt Ion	Ratio	Lower	Upper
240	100		
120	9.5	8.4	12.6
236	26.9	21.0	31.4





#77

Benzidine

Concen: 21.571 ng

RT: 12.58 min Scan# 1784

Delta R.T. 0.00 min

Lab File: BF119313.D

Acq: 10 Mar 2020 13:07

Instrument :

BNA_F

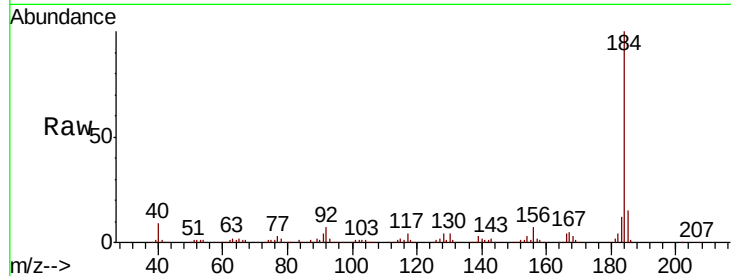
ClientSampleId :

PB127381BS

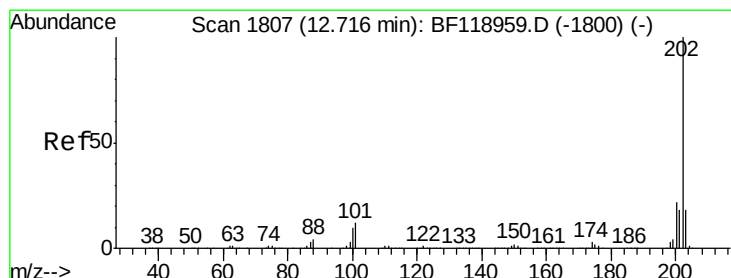
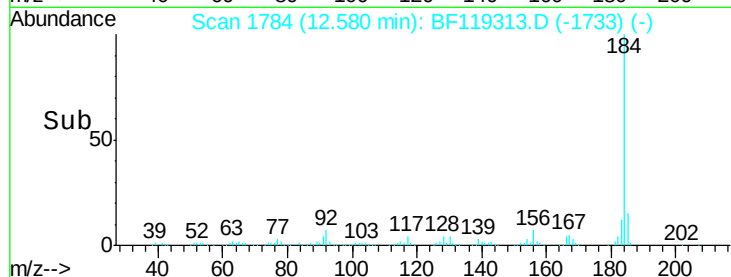
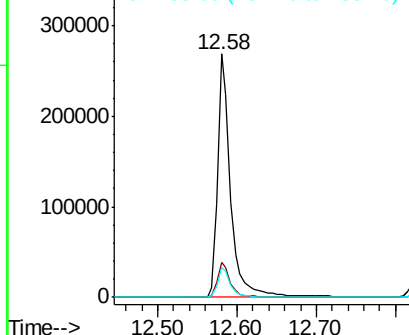
Tot Ion:	184	Resp:	307494
Ion Ratio	Lower	Upper	
184	100		
185	14.5	12.2	18.4
183	12.2	9.9	14.9

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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: 43.092 ng

RT: 12.69 min Scan# 1803

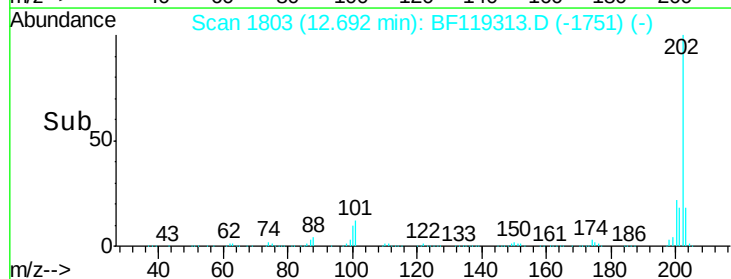
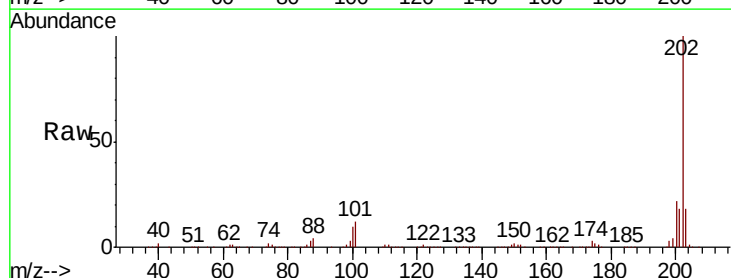
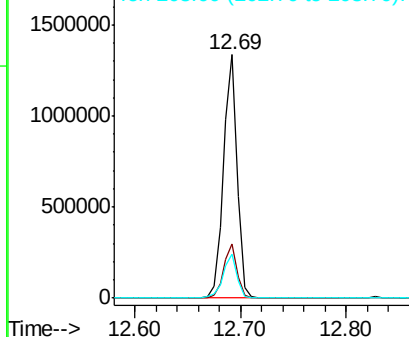
Delta R.T. 0.01 min

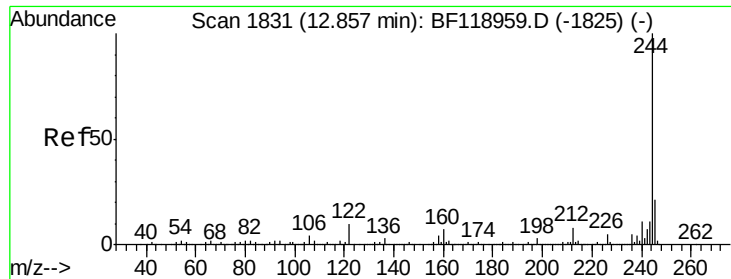
Lab File: BF119313.D

Acq: 10 Mar 2020 13:07

Tgt Ion:	202	Resp:	1212849
Ion Ratio	Lower	Upper	
202	100		
200	22.0	18.0	27.0
203	17.9	14.6	22.0

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: 77.695 ng

RT: 12.83 min Scan# 1826

Delta R.T. 0.00 min

Lab File: BF119313.D

Acq: 10 Mar 2020 13:07

Instrument :

BNA_F

ClientSampleId :

PB127381BS

Tot Ion:244 Resp: 1581757

Ion Ratio Lower Upper

244 100

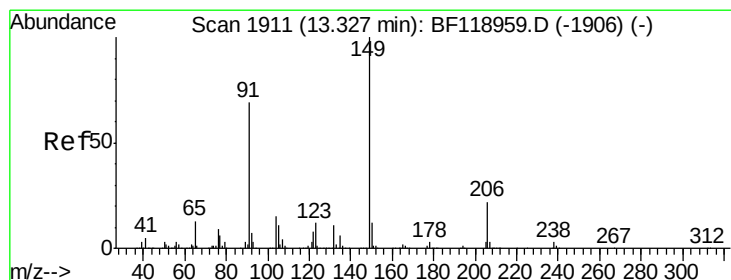
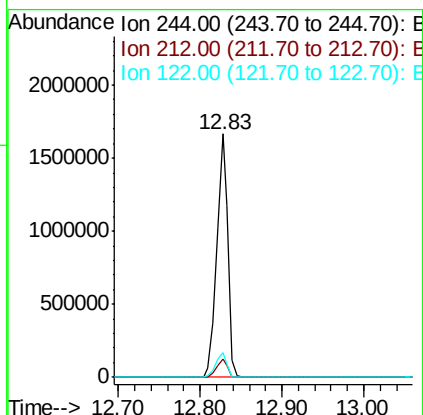
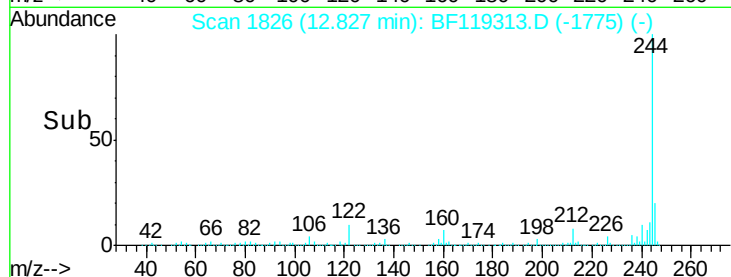
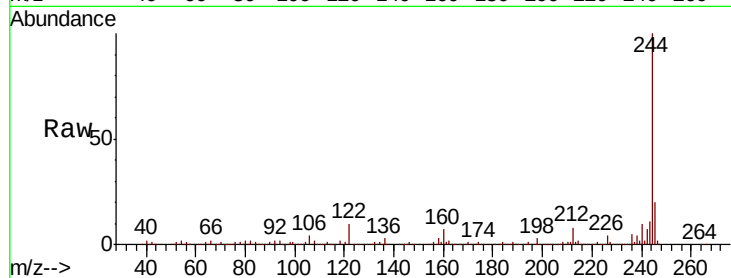
212 7.7 6.6 10.0

122 10.1 8.2 12.2

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#80

Butylbenzylphthalate

Concen: 44.732 ng

RT: 13.30 min Scan# 1906

Delta R.T. 0.00 min

Lab File: BF119313.D

Acq: 10 Mar 2020 13:07

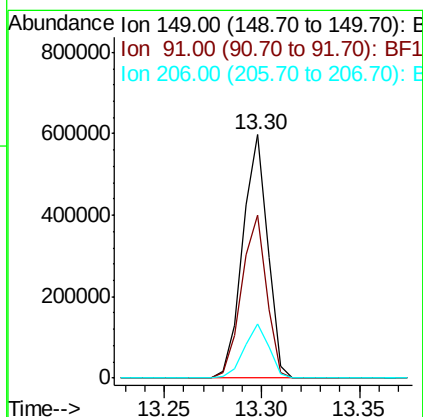
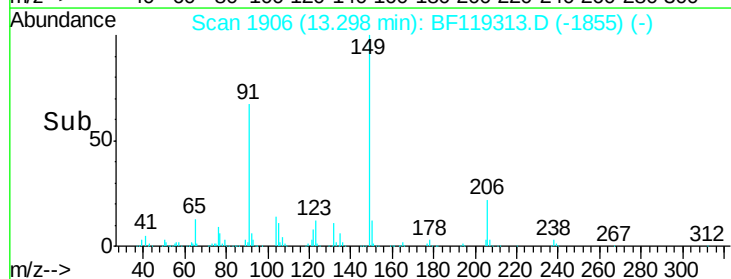
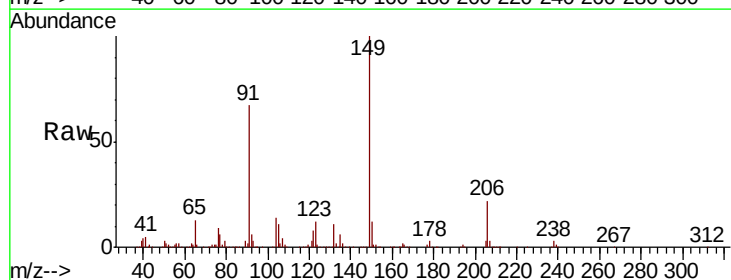
Tgt Ion:149 Resp: 529882

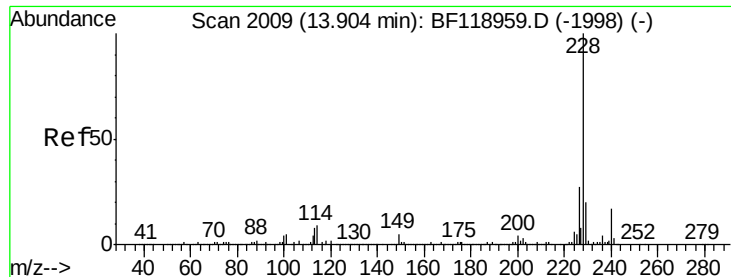
Ion Ratio Lower Upper

149 100

91 66.7 52.3 78.5

206 22.2 18.5 27.7





#81

Benzo(a)anthracene

Concen: 42.839 ng

RT: 13.88 min Scan# 2005

Delta R.T. 0.01 min

Lab File: BF119313.D

Acq: 10 Mar 2020 13:07

Instrument :

BNA_F

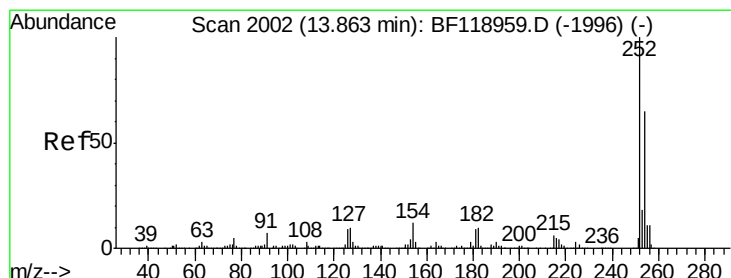
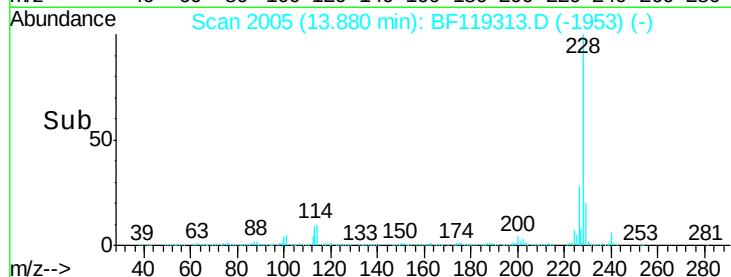
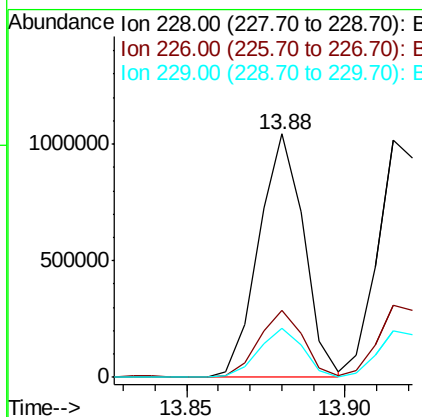
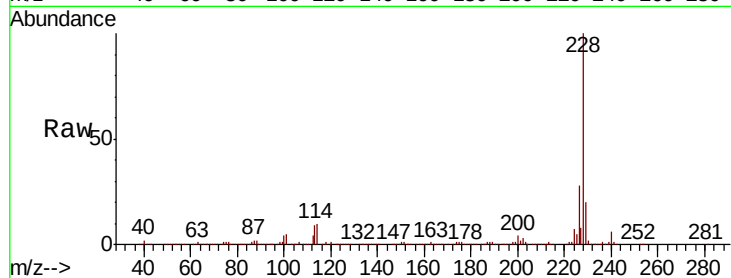
ClientSampleId :

PB127381BS

Tot Ion:	228	Resp:	1023105
Ion	Ratio	Lower	Upper
228	100		
226	27.6	22.6	33.8
229	20.1	16.6	24.8

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#82

3,3'-Dichlorobenzidine

Concen: 32.273 ng

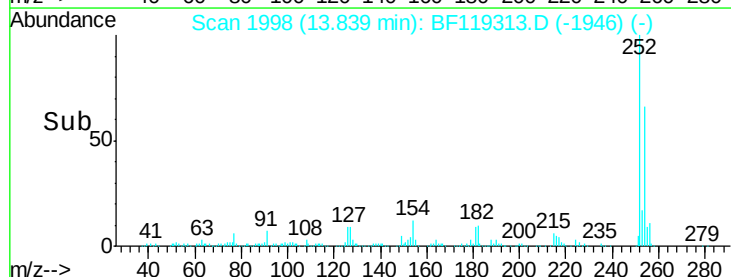
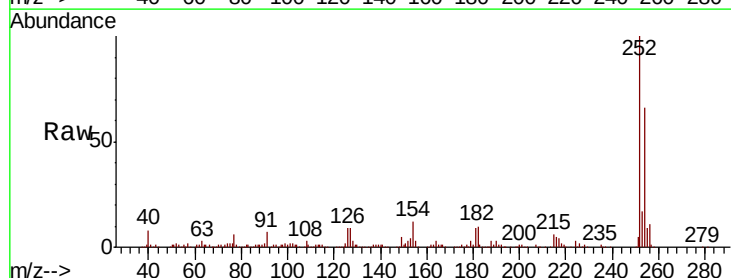
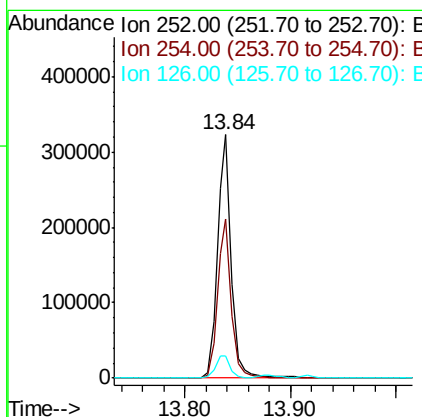
RT: 13.84 min Scan# 1998

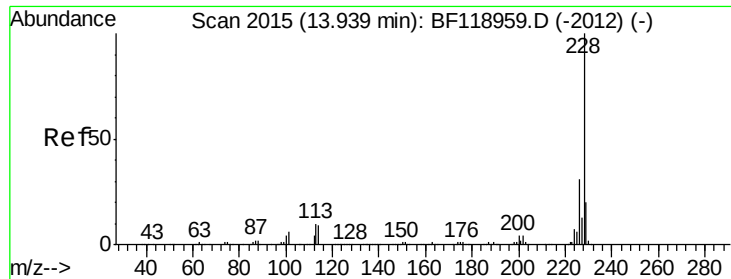
Delta R.T. 0.01 min

Lab File: BF119313.D

Acq: 10 Mar 2020 13:07

Tgt Ion:	252	Resp:	299286
Ion	Ratio	Lower	Upper
252	100		
254	65.5	51.6	77.4
126	9.3	7.4	11.0





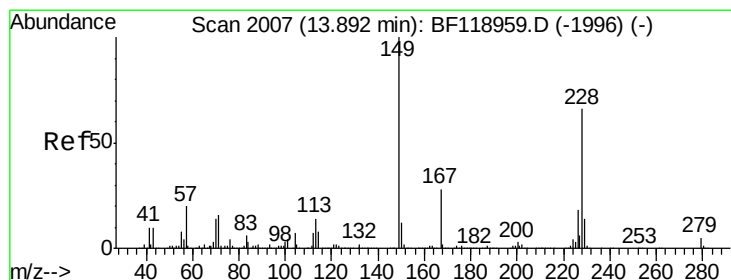
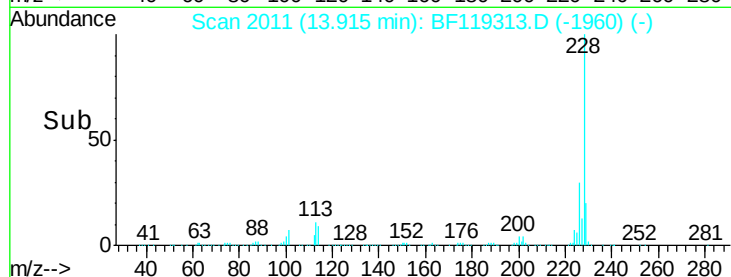
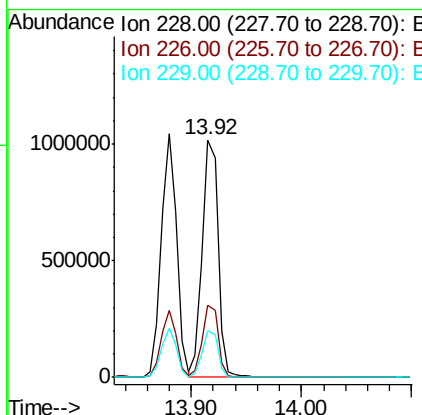
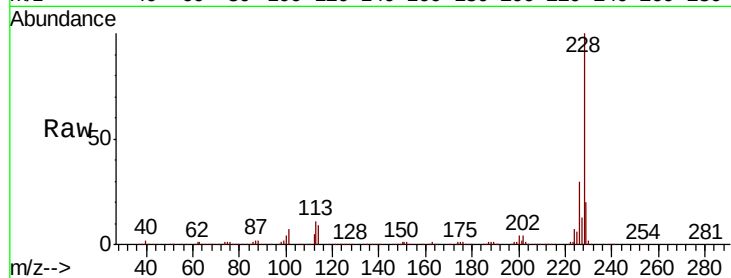
#83
 Chrysene
 Concen: 41.406 ng
 RT: 13.92 min Scan# 2011
 Delta R.T. 0.00 min
 Lab File: BF119313.D
 Acq: 10 Mar 2020 13:07

Instrument :
 BNA_F
 ClientSampleId :
 PB127381BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.1	25.1	37.7
229	19.7	16.3	24.5

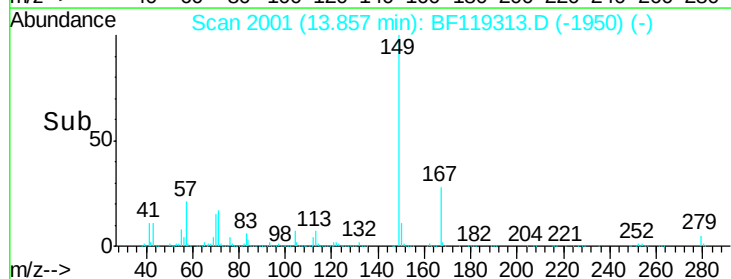
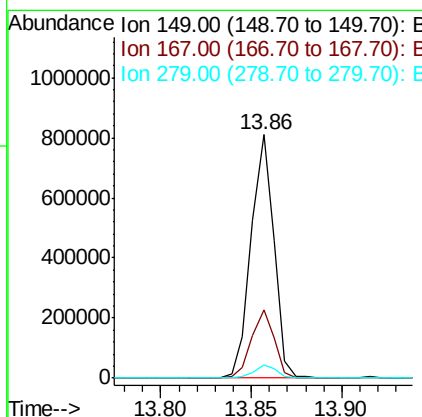
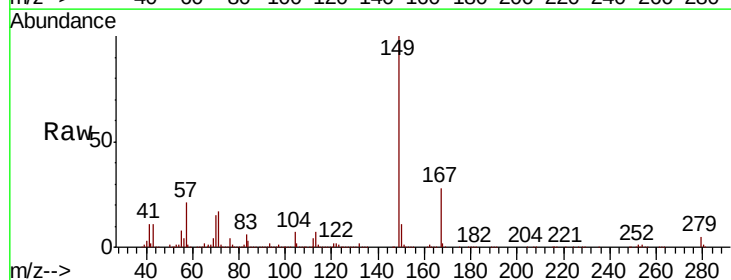
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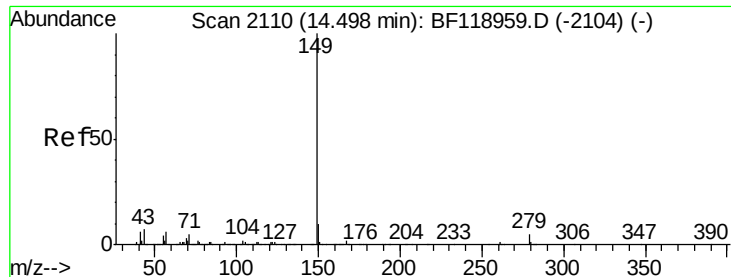
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 47.687 ng
 RT: 13.86 min Scan# 2001
 Delta R.T. 0.00 min
 Lab File: BF119313.D
 Acq: 10 Mar 2020 13:07

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.8	22.8	34.2
279	5.3	4.6	6.8





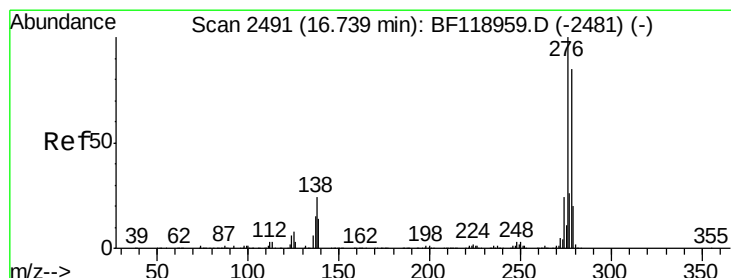
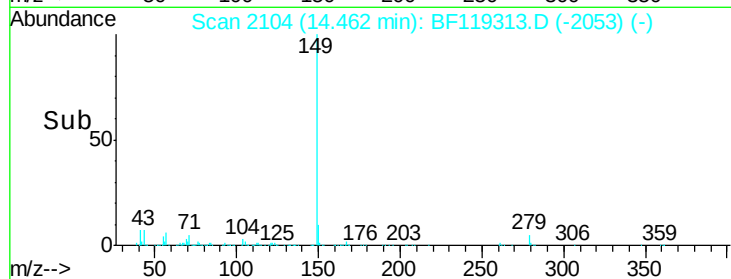
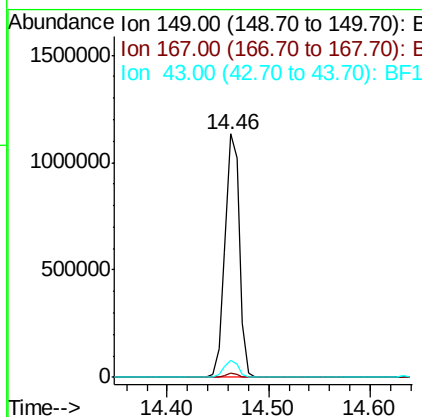
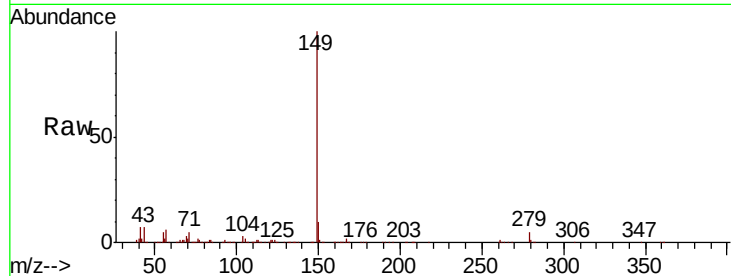
#85
Di-n-octyl phthalate
Concen: 46.997 ng
RT: 14.46 min Scan# 2104
Delta R.T. 0.00 min
Lab File: BF119313.D
Acq: 10 Mar 2020 13:07

Instrument :
BNA_F
ClientSampleId :
PB127381BS

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	6.8	5.7	8.5

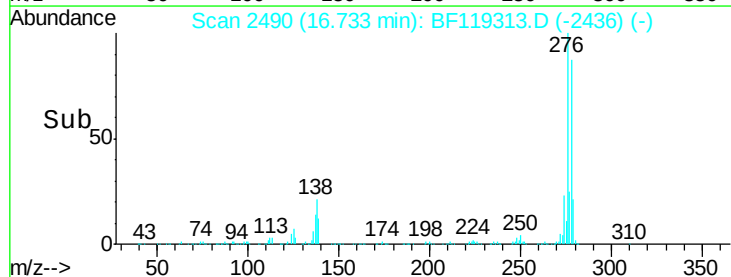
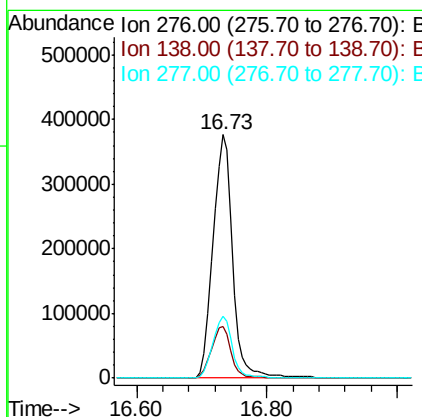
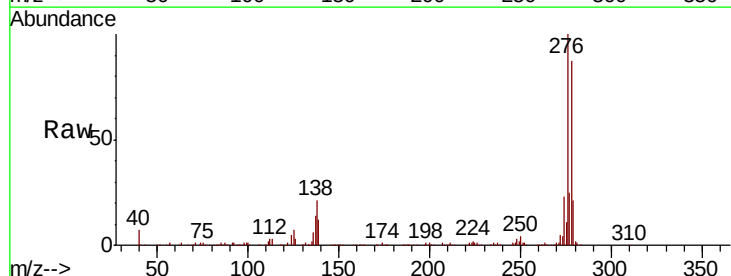
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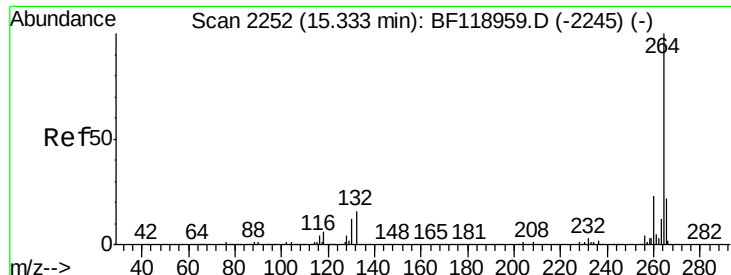
mohammad
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#86
Indeno(1,2,3-cd)pyrene
Concen: 34.134 ng
RT: 16.73 min Scan# 2490
Delta R.T. 0.02 min
Lab File: BF119313.D
Acq: 10 Mar 2020 13:07

Tgt Ion	Ratio	Lower	Upper
276	100		
138	21.3	17.4	26.0
277	25.5	20.3	30.5





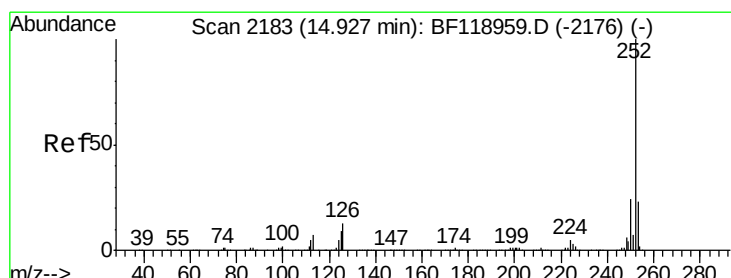
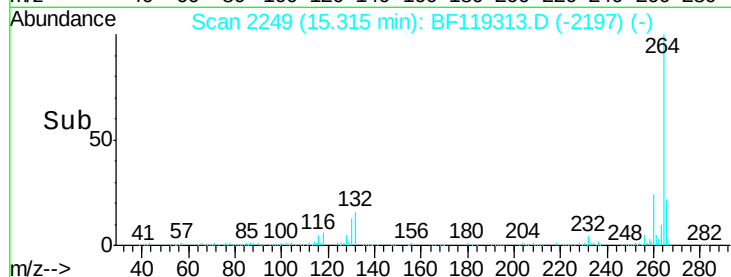
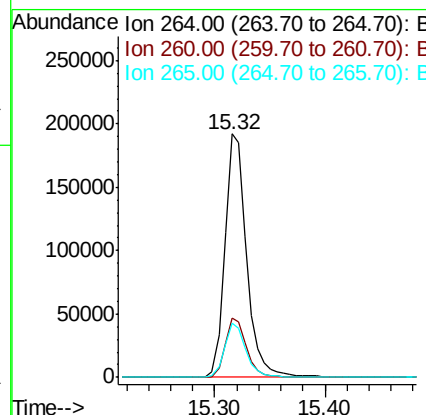
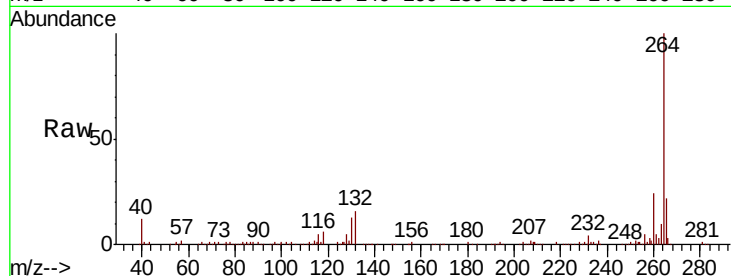
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.32 min Scan# 2249
Delta R.T. 0.01 min
Lab File: BF119313.D
Acq: 10 Mar 2020 13:07

Instrument :
BNA_F
ClientSampleId :
PB127381BS

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.4	29.2
265	22.2	17.7	26.5

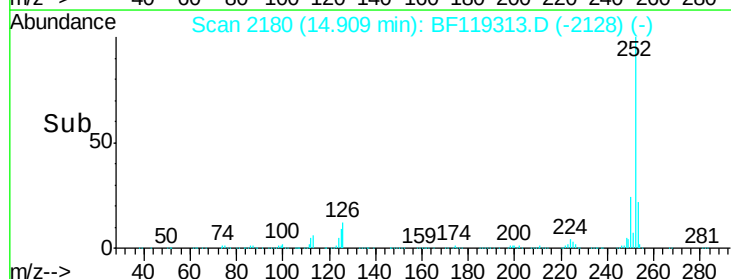
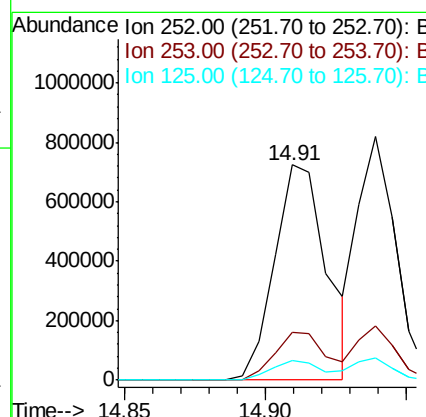
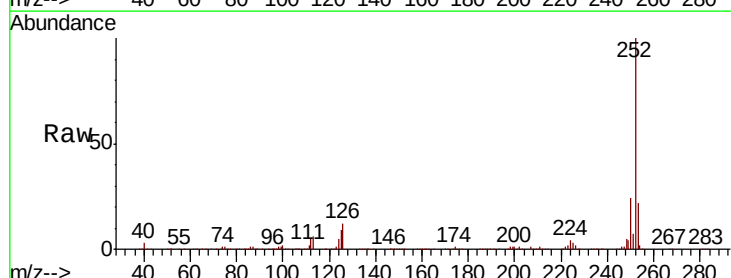
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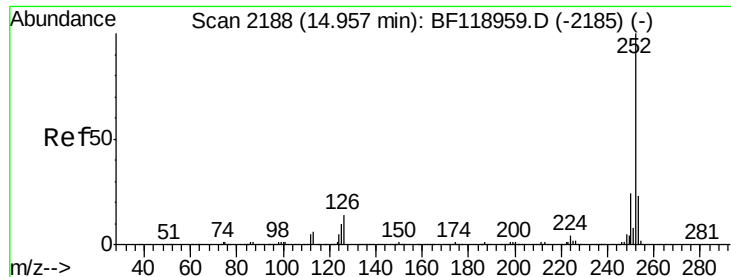
mohammad
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#88
Benzo(b)fluoranthene
Concen: 53.333 ng
RT: 14.91 min Scan# 2180
Delta R.T. 0.01 min
Lab File: BF119313.D
Acq: 10 Mar 2020 13:07

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.1	27.1
125	9.4	7.4	11.0





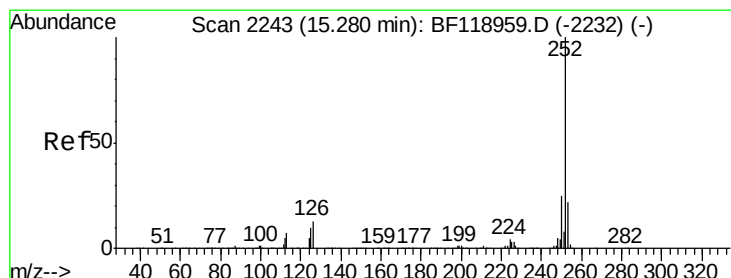
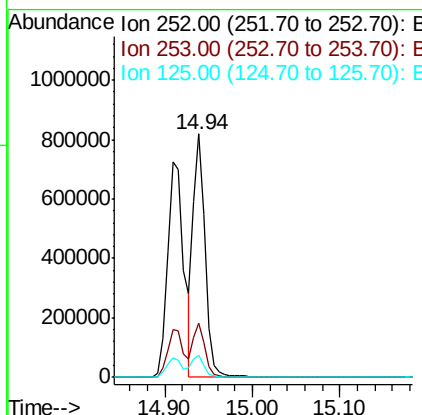
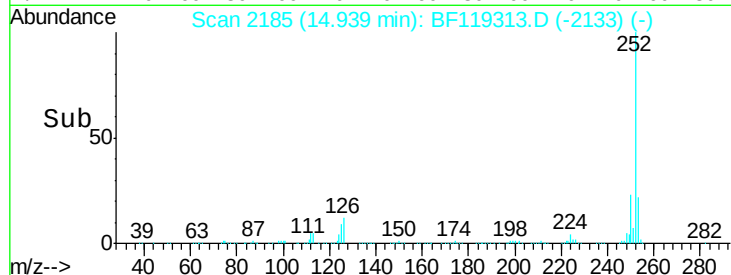
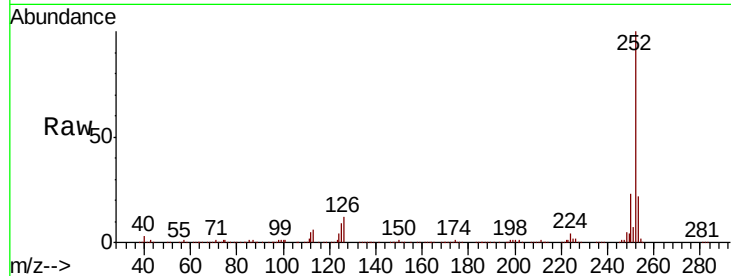
#89
Benzo(k)fluoranthene
Concen: 48.646 ng
RT: 14.94 min Scan# 2185
Delta R.T. 0.01 min
Lab File: BF119313.D
Acq: 10 Mar 2020 13:07

Instrument :
BNA_F
ClientSampled :
PB127381BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.8	26.8
125	8.9	7.5	11.3

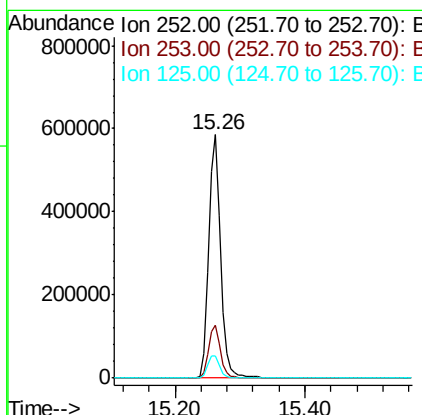
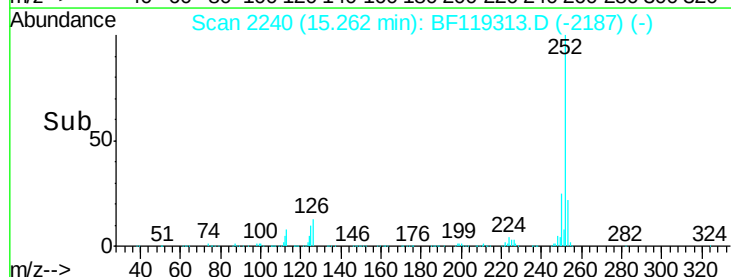
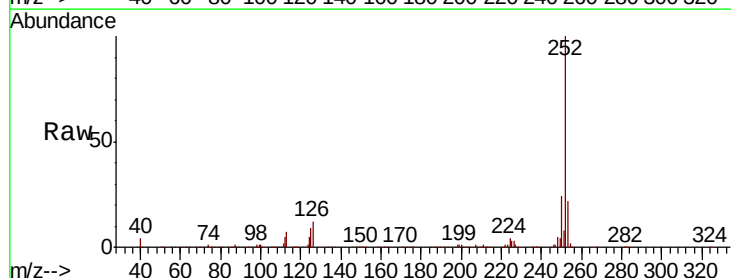
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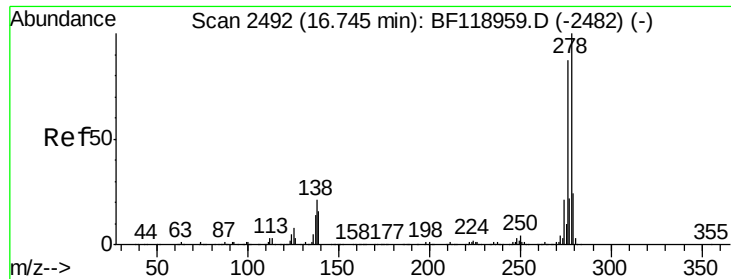
mohammad
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#90
Benzo(a)pyrene
Concen: 47.075 ng
RT: 15.26 min Scan# 2240
Delta R.T. 0.01 min
Lab File: BF119313.D
Acq: 10 Mar 2020 13:07

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.0	27.0
125	9.1	8.6	12.8





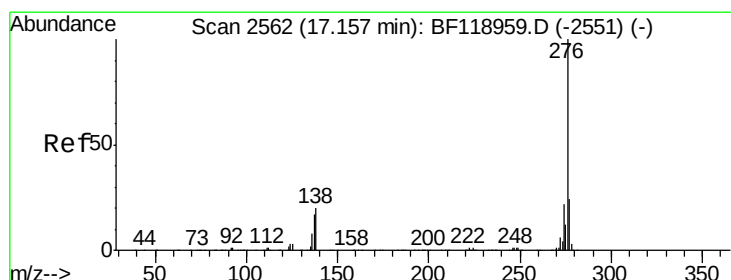
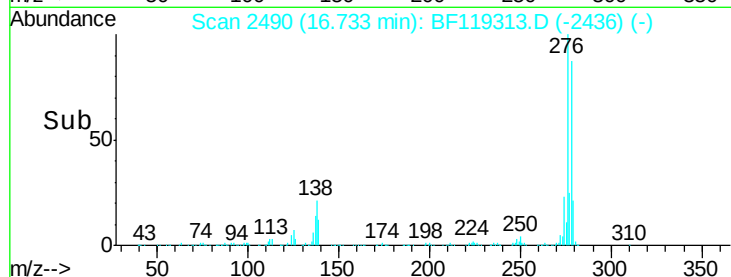
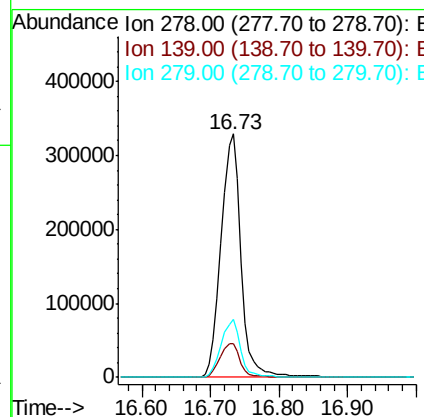
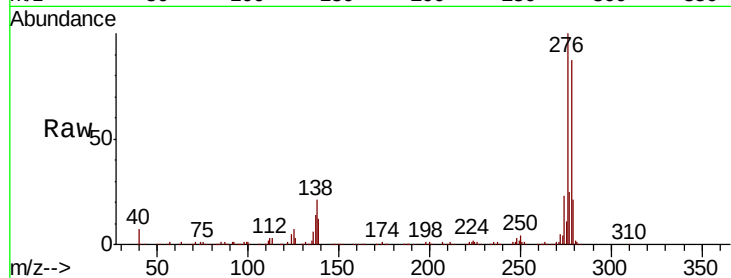
#91
Dibenzo(a,h)anthracene
Concen: 47.979 ng
RT: 16.73 min Scan# 2490
Delta R.T. 0.02 min
Lab File: BF119313.D
Acq: 10 Mar 2020 13:07

Instrument :
BNA_F
ClientSampleId :
PB127381BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	14.0	11.0	16.4
279	23.9	18.6	28.0

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#92
Benzo(g,h,i)perylene
Concen: 47.569 ng
RT: 17.16 min Scan# 2562
Delta R.T. 0.02 min
Lab File: BF119313.D
Acq: 10 Mar 2020 13:07

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.5	18.7	28.1
138	18.6	14.3	21.5

