

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042720\
 Data File : BF120217.D
 Acq On : 27 Apr 2020 14:28
 Operator : MA/SJ
 Sample : PB128487BS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB128487BS

Manual Integrations
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 4/28/2020 11:08:32 PM

Quant Time: Apr 27 15:08:54 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 27 12:17:15 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	132540	20.00	ng	0.00
21) Naphthalene-d8	7.95	136	509775	20.00	ng	0.00
39) Acenaphthene-d10	9.70	164	259199	20.00	ng	0.00
64) Phenanthrene-d10	11.19	188	500746	20.00	ng	0.00
76) Chrysene-d12	13.83	240	363241	20.00	ng	0.00
87) Perylene-d12	15.23	264	324796	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.29	112	1034604	134.90	ng	0.00
7) Phenol-d6	6.32	99	1274136	128.93	ng	0.00
23) Nitrobenzene-d5	7.23	82	800509	81.24	ng	0.00
42) 2,4,6-Tribromophenol	10.50	330	345459	108.86	ng	0.00
45) 2-Fluorobiphenyl	9.03	172	1564357	85.69	ng	0.00
79) Terphenyl-d14	12.78	244	1756887	81.38	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.35	88	126054	36.902	ng	97
3) Pyridine	3.02	79	345088	36.821	ng	96
4) n-Nitrosodimethylamine	2.98	42	193015	40.308	ng	94
6) Aniline	6.33	93	415835	32.060	ng	# 51
8) 2-Chlorophenol	6.46	128	410161	47.865	ng	96
9) Benzaldehyde	6.21	77	157621	25.109	ng	99
10) Phenol	6.33	94	505376	45.077	ng	84
11) bis(2-Chloroethyl)ether	6.40	93	382724	44.212	ng	98
12) 1,3-Dichlorobenzene	6.60	146	416116	44.355	ng	97
13) 1,4-Dichlorobenzene	6.68	146	424685	44.439	ng	97
14) 1,2-Dichlorobenzene	6.83	146	396224	44.989	ng	100
15) Benzyl Alcohol	6.82	79	327939	42.725	ng	98
16) 2,2'-oxybis(1-Chloropropan	6.95	45	661430	39.266	ng	# 39
17) 2-Methylphenol	6.94	107	324705	42.460	ng	# 91
18) Hexachloroethane	7.17	117	161000	45.079	ng	99
19) n-Nitroso-di-n-propylamine	7.09	70	279783	44.027	ng	99
20) 3+4-Methylphenols	7.10	107	419037	44.803	ng	# 79
22) Acetophenone	7.08	105	554676	46.466	ng	# 98
24) Nitrobenzene	7.25	77	424333	42.807	ng	98
25) Isophorone	7.49	82	764361	40.239	ng	98
26) 2-Nitrophenol	7.57	139	220262	44.476	ng	95
27) 2,4-Dimethylphenol	7.62	122	339285	45.425	ng	98
28) bis(2-Chloroethoxy)methane	7.70	93	486589	43.532	ng	98
29) 2,4-Dichlorophenol	7.82	162	327725	42.806	ng	98
30) 1,2,4-Trichlorobenzene	7.89	180	365174	42.096	ng	98
31) Naphthalene	7.97	128	1161814	43.318	ng	97
32) Benzoic acid	7.76	122	228578	34.846	ng	95
33) 4-Chloroaniline	8.03	127	247369	21.186	ng	96
34) Hexachlorobutadiene	8.09	225	210621	40.560	ng	96
35) Caprolactam	8.40	113	97769m	41.747	ng	
36) 4-Chloro-3-methylphenol	8.53	107	357765	43.162	ng	97
37) 2-Methylnaphthalene	8.66	142	779615	42.875	ng	99
38) 1-Methylnaphthalene	8.76	142	739272	43.134	ng	97
40) 1,2,4,5-Tetrachlorobenzene	8.83	216	345350	42.185	ng	98

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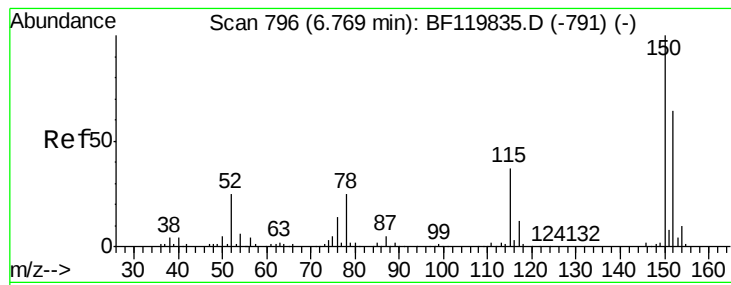
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.82	237	309362	66.455	nq	100
43) 2,4,6-Trichlorophenol	8.95	196	241225	42.670	nq	99
44) 2,4,5-Trichlorophenol	9.00	196	253609	39.830	nq	99
46) 1,1'-Biphenyl	9.13	154	938824	42.912	nq	99
47) 2-Chloronaphthalene	9.16	162	729903	43.309	nq	97
48) 2-Nitroaniline	9.26	65	260039	42.577	nq	97
49) Acenaphthylene	9.57	152	1146958	44.749	nq	98
50) Dimethylphthalate	9.44	163	852339	42.513	nq	100
51) 2,6-Dinitrotoluene	9.50	165	190515	43.394	nq	89
52) Acenaphthene	9.74	154	680994	39.830	nq	98
53) 3-Nitroaniline	9.67	138	120851	24.102	nq	88
54) 2,4-Dinitrophenol	9.78	184	189471	72.084	nq	92
55) Dibenzofuran	9.92	168	1032875	44.023	nq	96
56) 4-Nitrophenol	9.86	139	277647	74.420	nq	98
57) 2,4-Dinitrotoluene	9.90	165	247756	42.832	nq	94
58) Fluorene	10.26	166	809307	43.131	nq	100
59) 2,3,4,6-Tetrachlorophenol	10.04	232	210410	43.208	nq	98
60) Diethylphthalate	10.14	149	878352	42.271	nq	99
61) 4-Chlorophenyl-phenylether	10.25	204	392867	40.851	nq	96
62) 4-Nitroaniline	10.29	138	202161	42.306	nq	99
63) Azobenzene	10.41	77	828135	44.471	nq	98
65) 4,6-Dinitro-2-methylphenol	10.32	198	135500	41.074	nq	87
66) n-Nitrosodiphenylamine	10.37	169	744110	44.682	nq	99
67) 4-Bromophenyl-phenylether	10.74	248	239431	38.449	nq	93
68) Hexachlorobenzene	10.80	284	256016	40.526	nq	96
69) Atrazine	10.90	200	228483	49.311	nq	99
70) Pentachlorophenol	11.00	266	227533	62.500	nq	99
71) Phenanthrene	11.22	178	1181766	44.344	nq	99
72) Anthracene	11.27	178	1218695	44.764	nq	98
73) Carbazole	11.43	167	1125737	43.725	nq	98
74) Di-n-butylphthalate	11.76	149	1428651	42.211	nq	99
75) Fluoranthene	12.40	202	1299335	45.186	nq	97
77) Benzidine	12.53	184	711799	57.971	nq	98
78) Pyrene	12.63	202	1280393	41.813	nq	98
80) Butylbenzylphthalate	13.26	149	595082	40.049	nq	100
81) Benzo(a)anthracene	13.82	228	1019118	42.648	nq	99
82) 3,3'-Dichlorobenzidine	13.79	252	266378	29.876	nq	98
83) Chrysene	13.86	228	1038284	42.762	nq	98
84) Bis(2-ethylhexyl)phthalate	13.82	149	814520	40.479	nq	99
85) Di-n-octyl phthalate	14.43	149	1396383	40.757	nq	98
86) Indeno(1,2,3-cd)pyrene	16.60	276	941656	43.996	nq	100
88) Benzo(b)fluoranthene	14.84	252	1005620	43.039	nq	98
89) Benzo(k)fluoranthene	14.87	252	837949	41.565	nq	100
90) Benzo(a)pyrene	15.18	252	825494	42.020	nq	98
91) Dibenzo(a,h)anthracene	16.62	278	786903	45.220	nq	99
92) Benzo(g,h,i)perylene	17.01	276	764428	44.503	nq	98

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



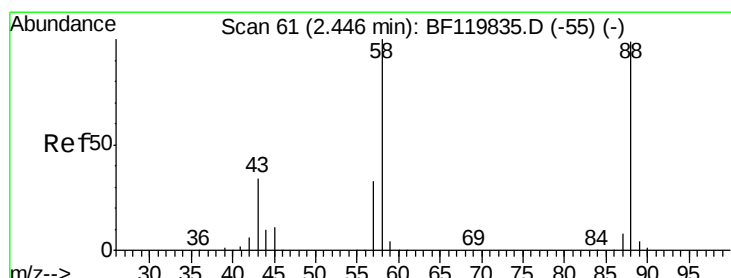
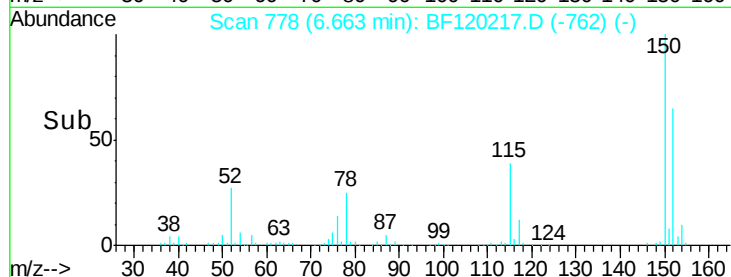
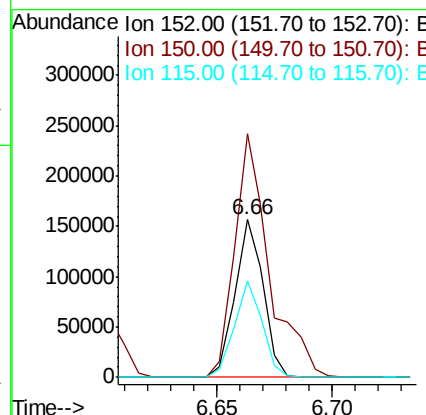
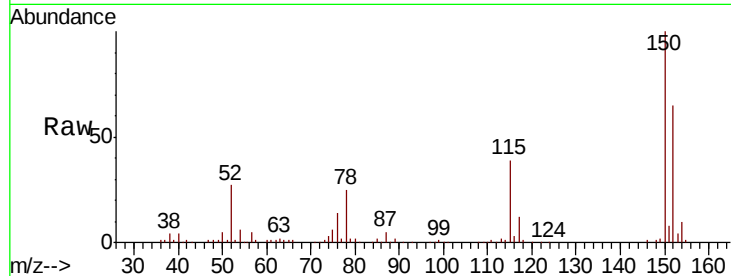
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.66 min Scan# 778
 Delta R.T. -0.01 min
 Lab File: BF120217.D
 Acq: 27 Apr 2020 14:28

Instrument :
 BNA_F
 ClientSampleId :
 PB128487BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.7	124.5	186.7
115	61.0	49.6	74.4

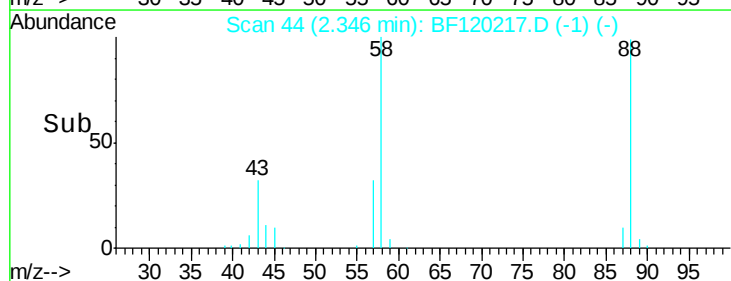
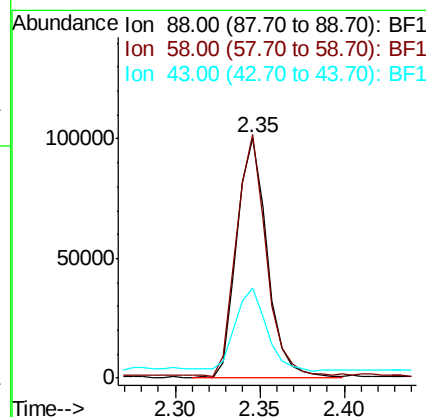
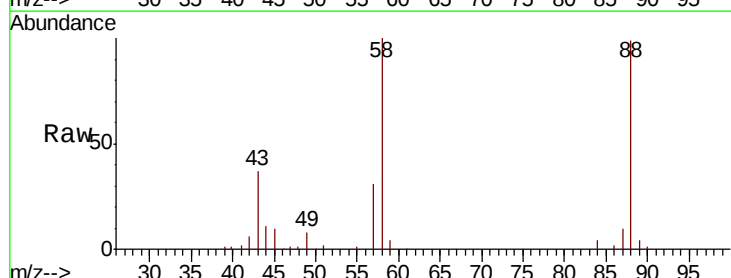
Manual Integrations
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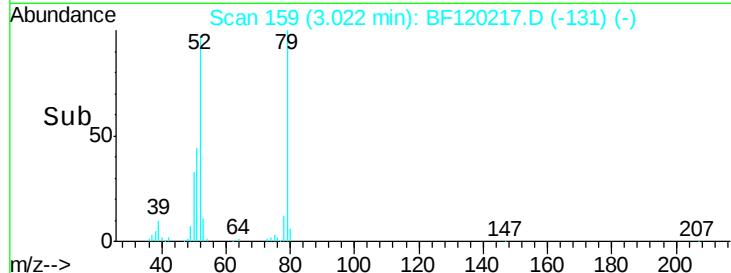
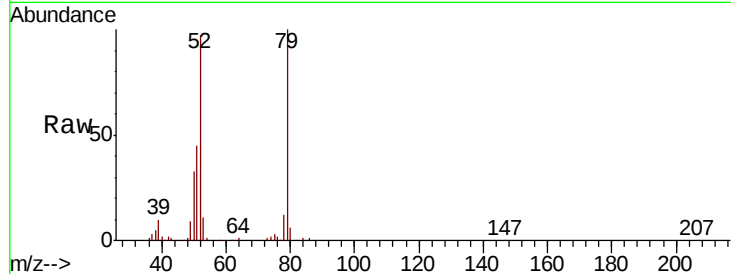
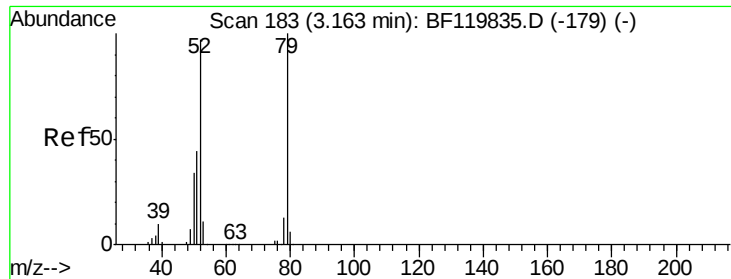
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#2
 1,4-Dioxane
 Concen: 36.902 ng
 RT: 2.35 min Scan# 44
 Delta R.T. 0.07 min
 Lab File: BF120217.D
 Acq: 27 Apr 2020 14:28

Tgt Ion	Ratio	Lower	Upper
88	100		
58	97.4	80.6	121.0
43	34.9	27.5	41.3





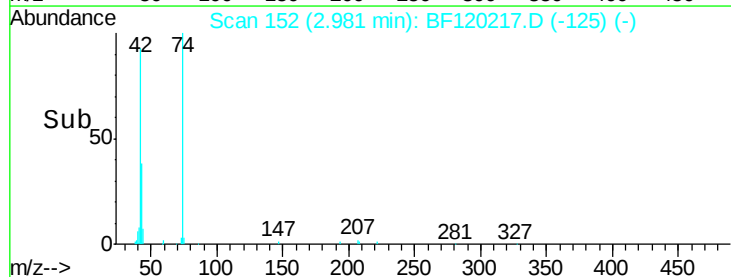
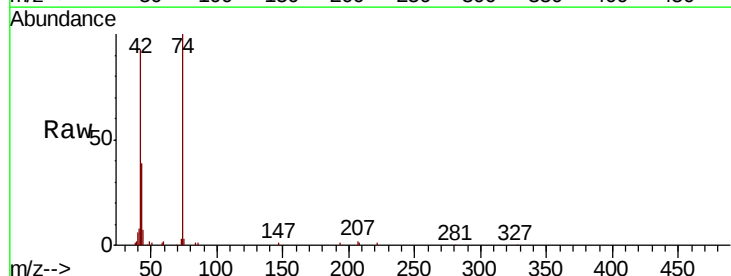
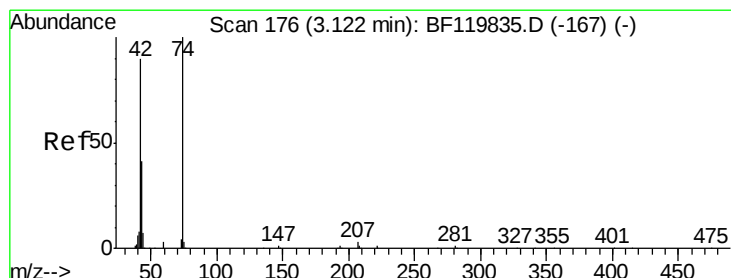
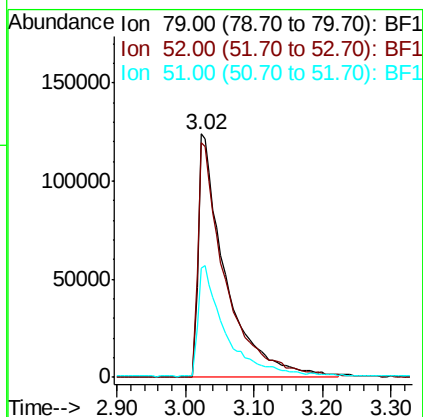
#3
 Pvridine
 Concen: 36.821 ng
 RT: 3.02 min Scan# 159
 Delta R.T. 0.06 min
 Lab File: BF120217.D
 Acq: 27 Apr 2020 14:28

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	79	100	345088		
52	52	96.6		80.2	120.2
51	51	44.8		37.7	56.5

Instrument :
 BNA_F
 ClientSampleId :
 PB128487BS

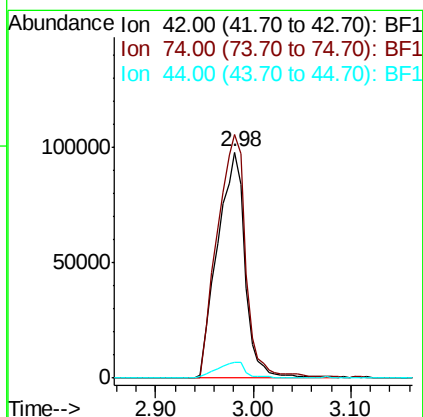
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#4
 n-Nitrosodimethylamine
 Concen: 40.308 ng
 RT: 2.98 min Scan# 152
 Delta R.T. 0.06 min
 Lab File: BF120217.D
 Acq: 27 Apr 2020 14:28

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
42	42	100	193015		
74	74	107.7		91.5	137.3
44	44	7.2		6.2	9.4





#5

2-Fluorophenol

Concen: 134.902 ng

RT: 5.29 min Scan# 544

Delta R.T. 0.01 min

Lab File: BF120217.D

Acq: 27 Apr 2020 14:28

Instrument :

BNA_F

ClientSampleId :

PB128487BS

Tot Ion: 112 Resp: 1034604

Ion Ratio Lower Upper

112 100

64 69.5 56.7 85.1

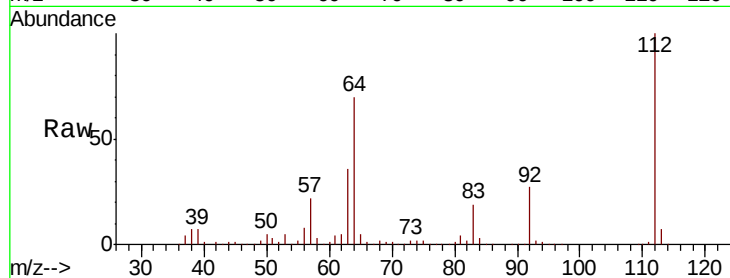
63 36.1 29.5 44.3

Manual Integrations

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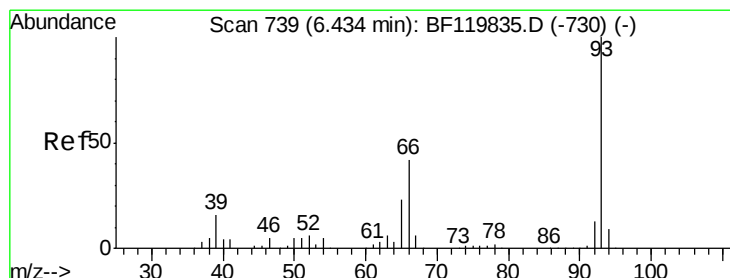
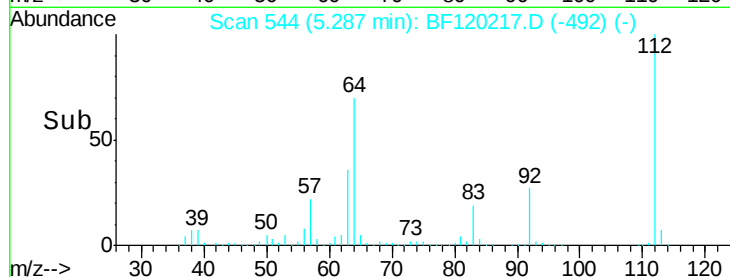
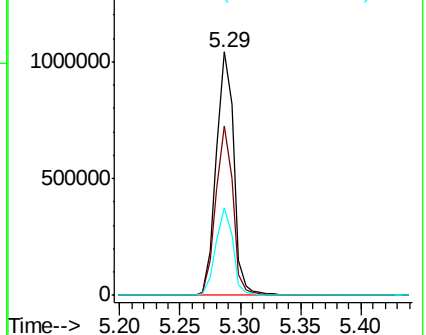
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Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 32.060 ng

RT: 6.33 min Scan# 721

Delta R.T. -0.01 min

Lab File: BF120217.D

Acq: 27 Apr 2020 14:28

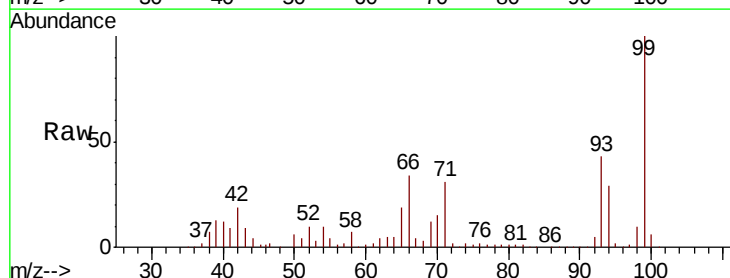
Tgt Ion: 93 Resp: 415835

Ion Ratio Lower Upper

93 100

66 77.4 34.9 52.3#

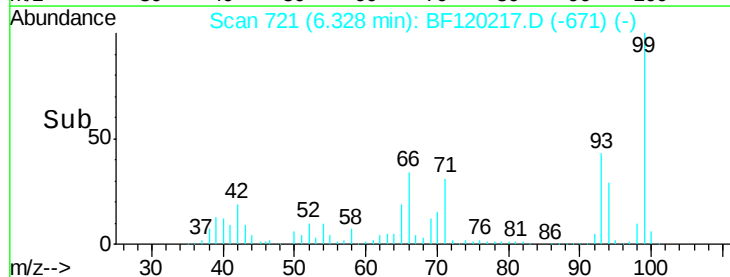
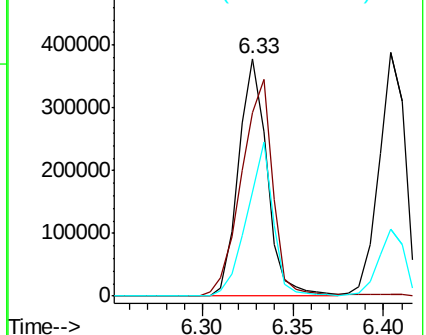
65 44.0 18.6 27.8#

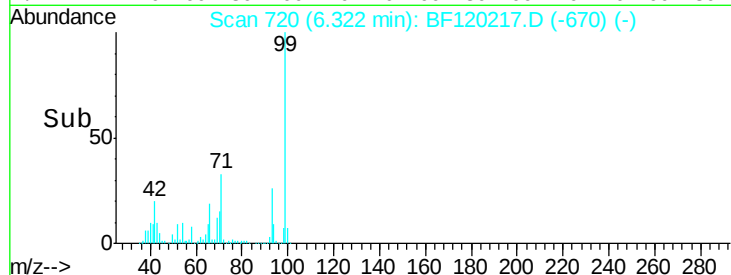
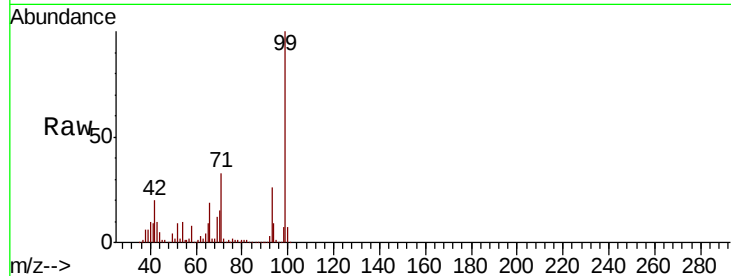


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 128.931 ng

RT: 6.32 min Scan# 720

Delta R.T. -0.01 min

Lab File: BF120217.D

Acq: 27 Apr 2020 14:28

Tot Ion:	99	Resp:	1274136
Ion	Ratio	Lower	Upper
99	100		
42	20.3	16.6	24.8
71	33.0	26.4	39.6

Instrument :

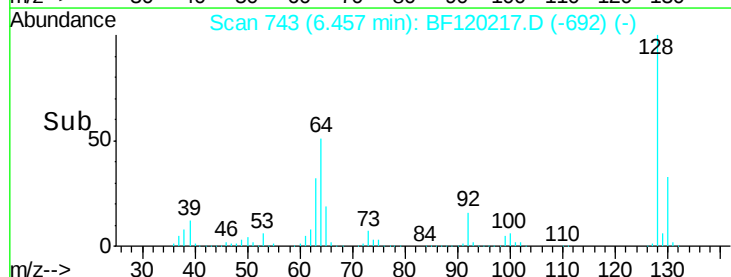
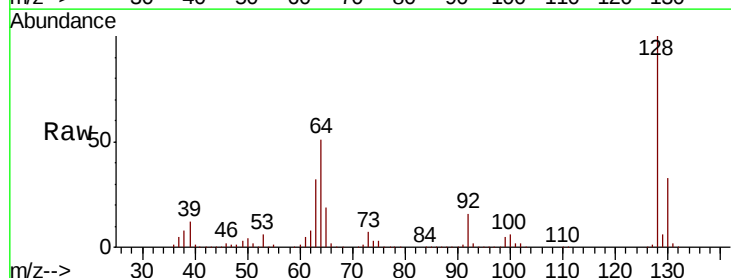
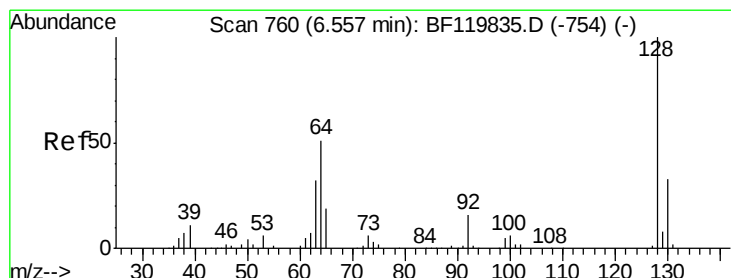
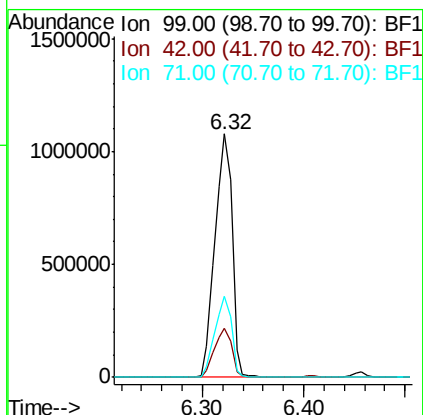
BNA_F

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#8

2-Chlorophenol

Concen: 47.865 ng

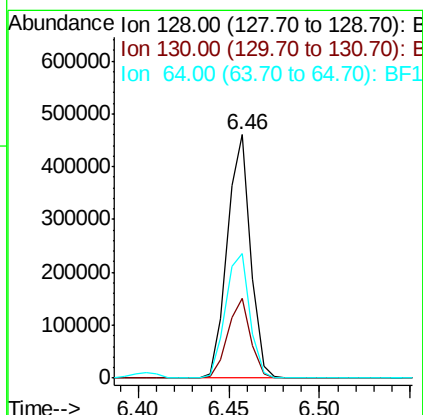
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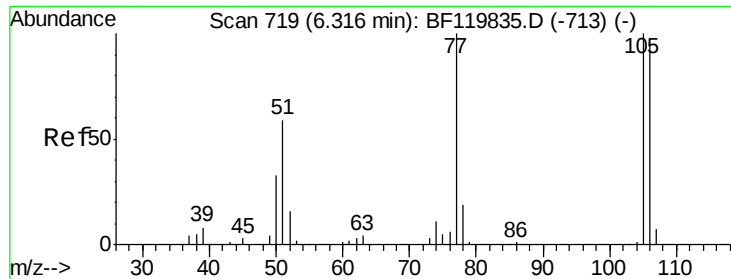
Delta R.T. -0.00 min

Lab File: BF120217.D

Acq: 27 Apr 2020 14:28

Tgt Ion:	128	Resp:	410161
Ion	Ratio	Lower	Upper
128	100		
130	33.0	12.6	52.6
64	51.4	35.3	75.3





#9

Benzaldehyde

Concen: 25.109 ng

RT: 6.21 min Scan# 701

Delta R.T. -0.01 min

Lab File: BF120217.D

Acq: 27 Apr 2020 14:28

Instrument :

BNA_F

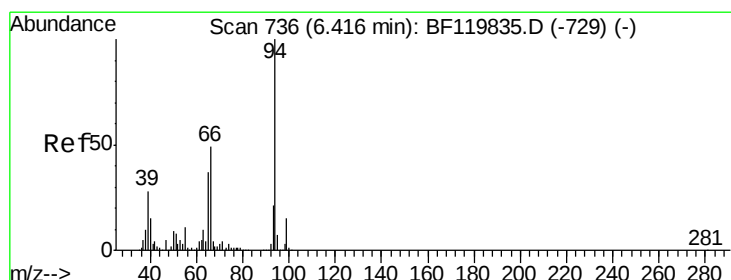
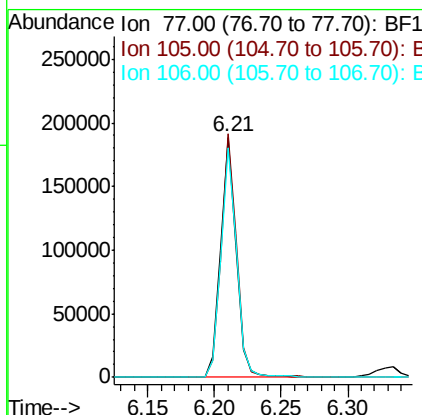
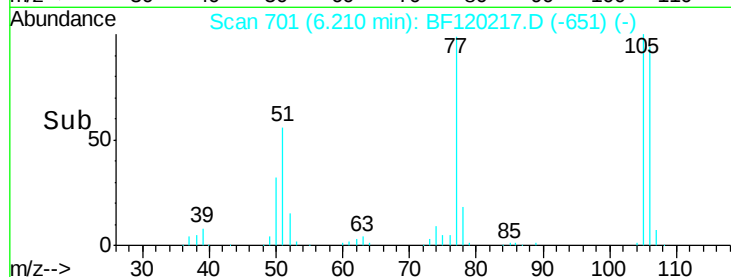
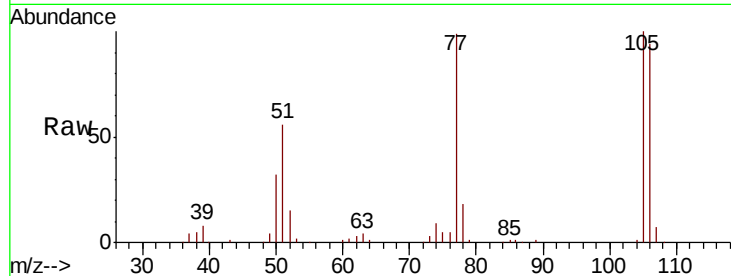
ClientSampleID :

PB128487BS

Tot Ion:	77	Resp:	157621
Ion	Ratio	Lower	Upper
77	100		
105	101.3	80.9	120.9
106	95.3	77.9	117.9

Manual Integrations
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#10

Phenol

Concen: 45.077 ng

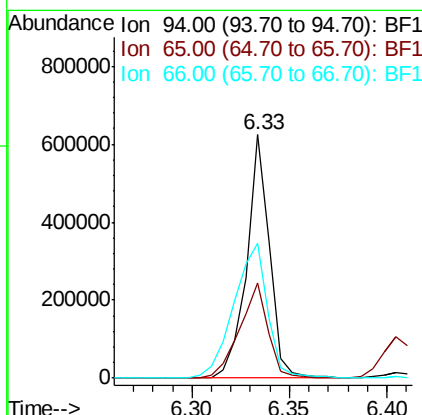
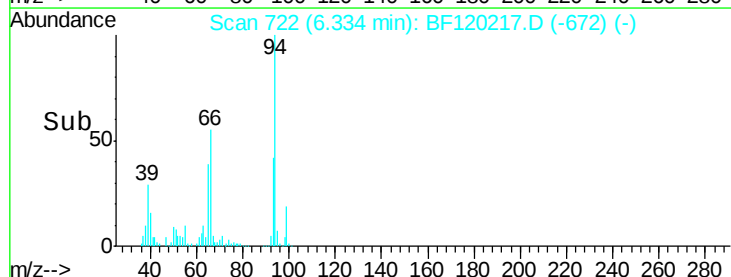
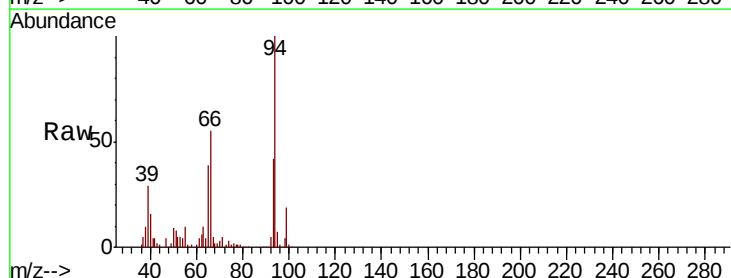
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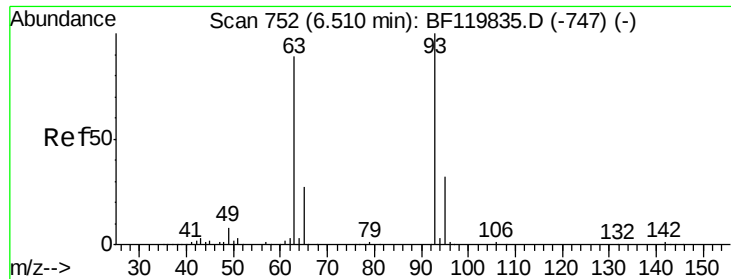
Delta R.T. -0.01 min

Lab File: BF120217.D

Acq: 27 Apr 2020 14:28

Tgt Ion:	94	Resp:	505376
Ion	Ratio	Lower	Upper
94	100		
65	39.2	13.2	53.2
66	55.4	22.3	62.3





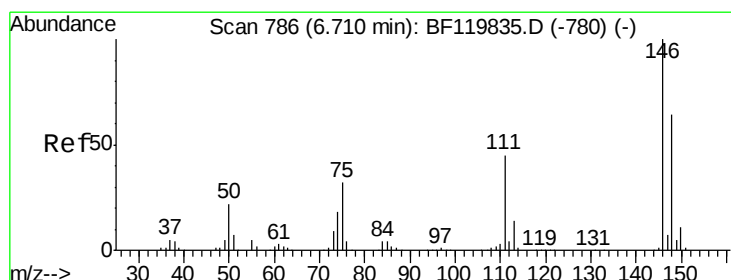
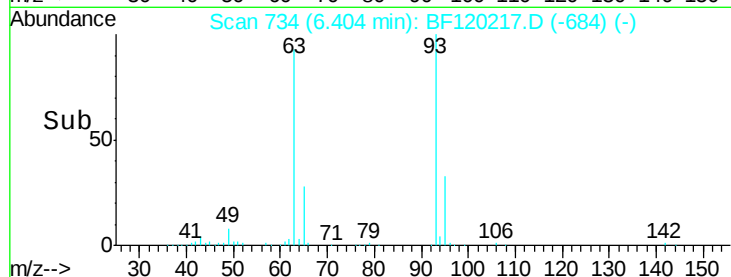
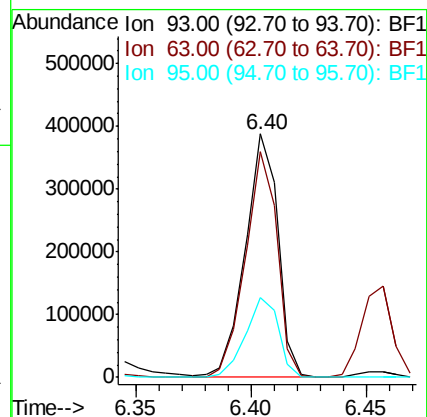
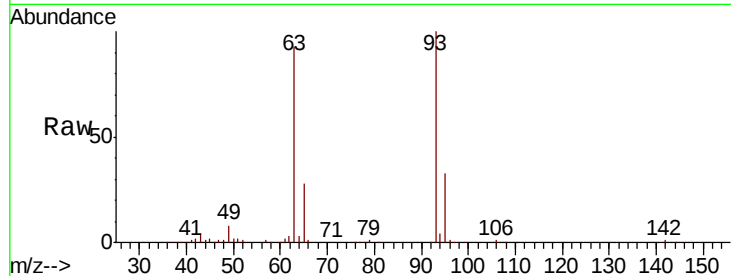
#11
bis(2-Chloroethyl)ether
Concen: 44.212 ng
RT: 6.40 min Scan# 734
Delta R.T. -0.01 min
Lab File: BF120217.D
Acq: 27 Apr 2020 14:28

Instrument :
BNA_F
ClientSampleId :
PB128487BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	92.7	70.2	110.2
95	32.8	13.4	53.4

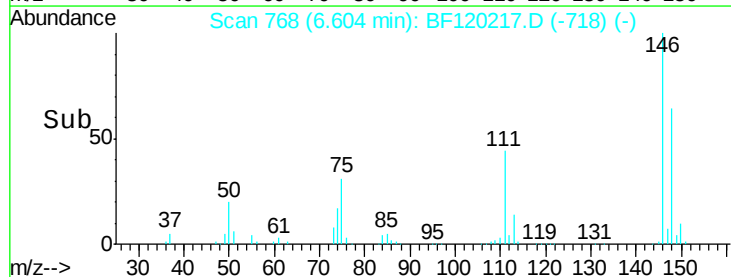
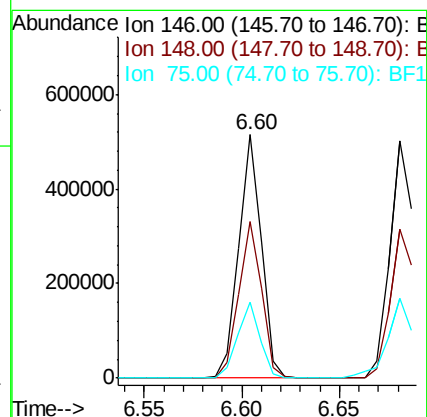
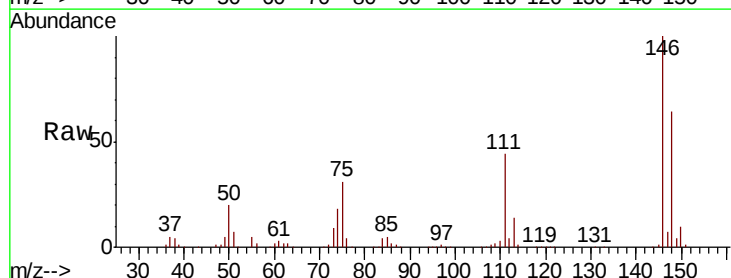
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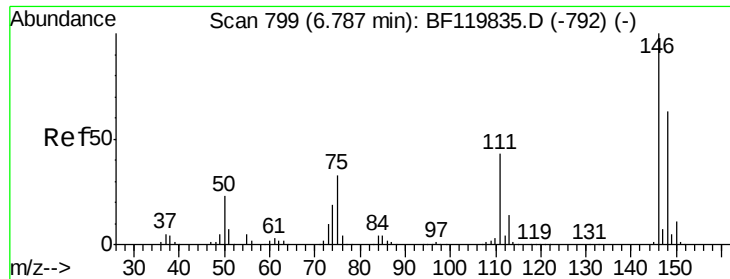
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#12
1,3-Dichlorobenzene
Concen: 44.355 ng
RT: 6.60 min Scan# 768
Delta R.T. -0.01 min
Lab File: BF120217.D
Acq: 27 Apr 2020 14:28

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.2	52.2	78.4
75	31.4	23.0	34.4





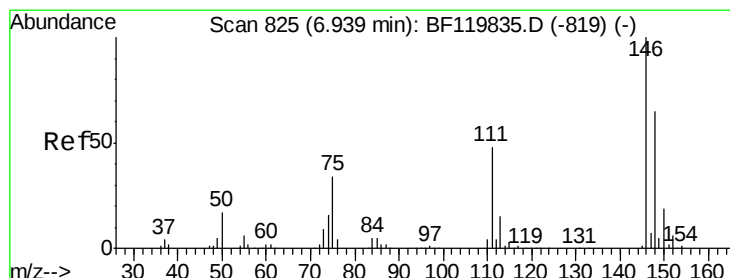
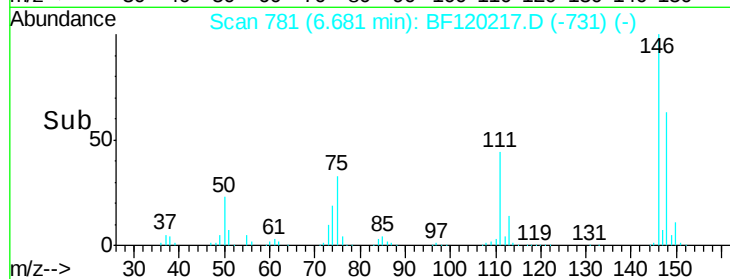
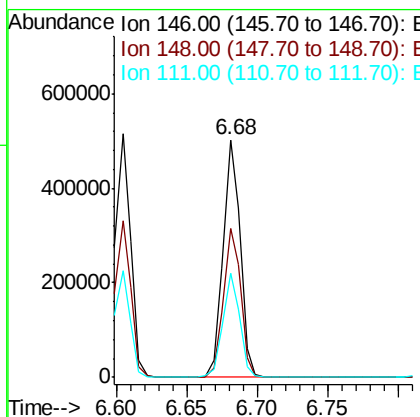
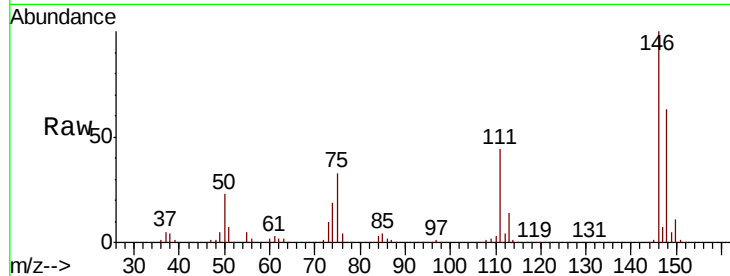
#13
 1,4-Dichlorobenzene
 Concen: 44.439 ng
 RT: 6.68 min Scan# 781
 Delta R.T. -0.01 min
 Lab File: BF120217.D
 Acq: 27 Apr 2020 14:28

Instrument :
 BNA_F
 ClientSampleId :
 PB128487BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	62.8	51.5	77.3
111	43.8	33.3	49.9

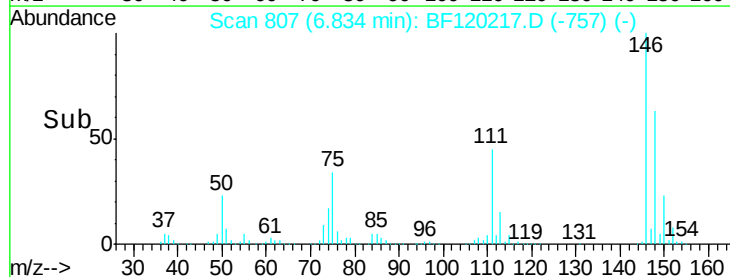
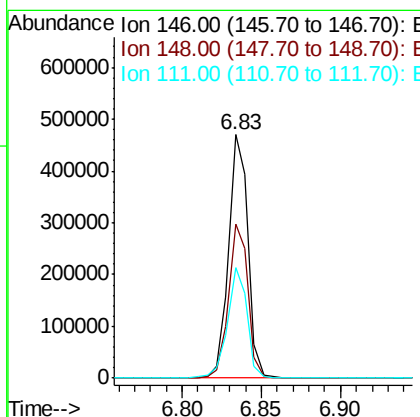
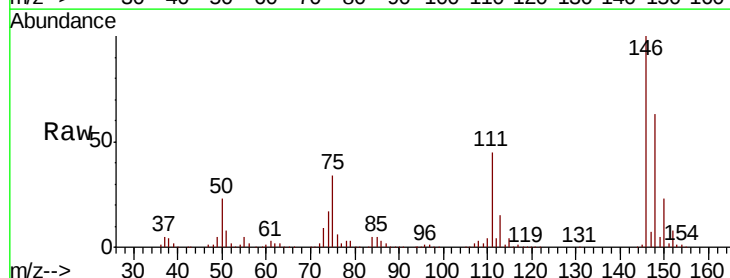
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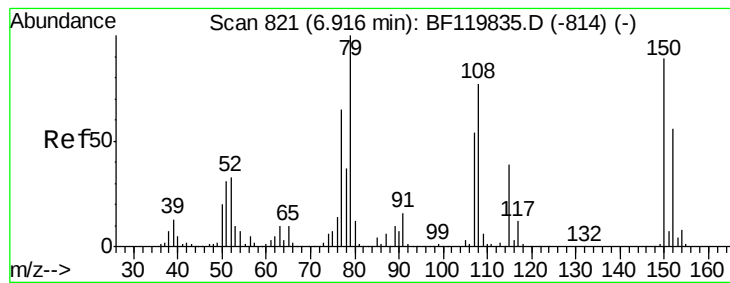
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#14
 1,2-Dichlorobenzene
 Concen: 44.989 ng
 RT: 6.83 min Scan# 807
 Delta R.T. -0.01 min
 Lab File: BF120217.D
 Acq: 27 Apr 2020 14:28

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.5	50.6	75.8
111	45.2	36.1	54.1





#15

Benzyl Alcohol

Concen: 42.725 ng

RT: 6.82 min Scan# 804

Delta R.T. -0.01 min

Lab File: BF120217.D

Acq: 27 Apr 2020 14:28

Instrument :

BNA_F

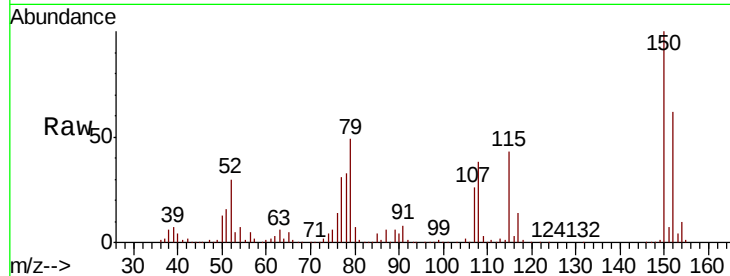
ClientSampled :

PB128487BS

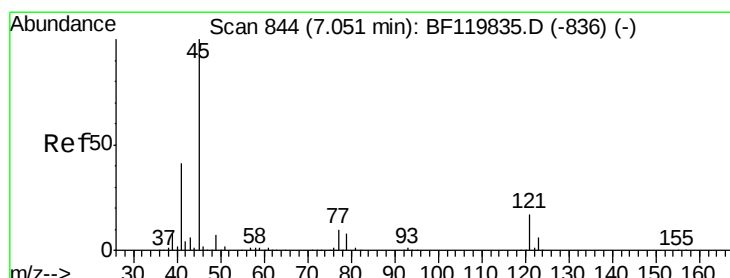
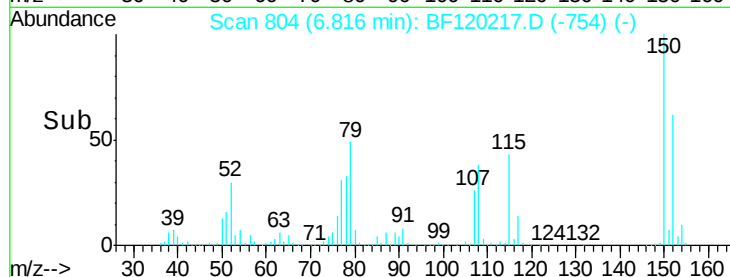
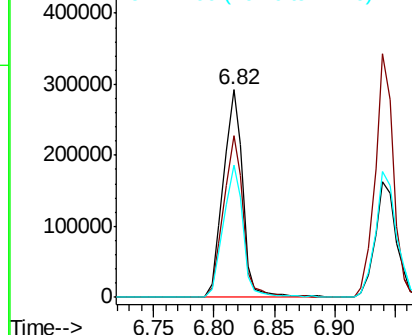
Tot Ion:	79	Resp:	327939
Ion Ratio	Lower	Upper	
79	100		
108	77.9	60.6	90.8
77	63.6	50.2	75.2

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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.266 ng

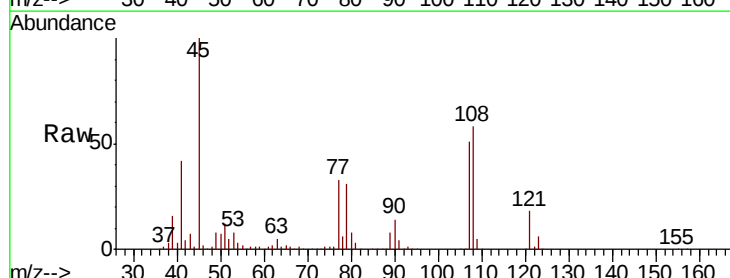
RT: 6.95 min Scan# 826

Delta R.T. -0.01 min

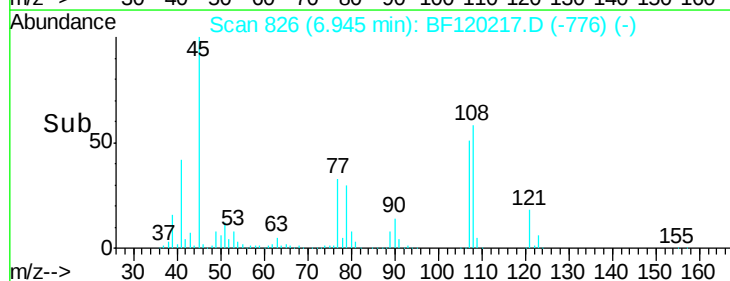
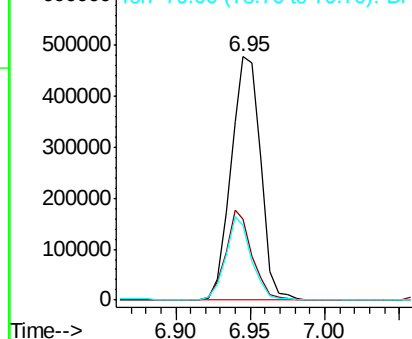
Lab File: BF120217.D

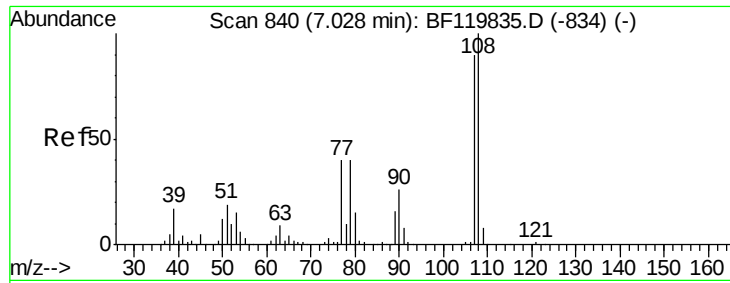
Acq: 27 Apr 2020 14:28

Tgt Ion:	45	Resp:	661430
Ion Ratio	Lower	Upper	
45	100		
77	33.0	0.0	30.7#
79	30.5	0.0	28.2#



Abundance Ion 45.00 (44.70 to 45.70): BF1
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1





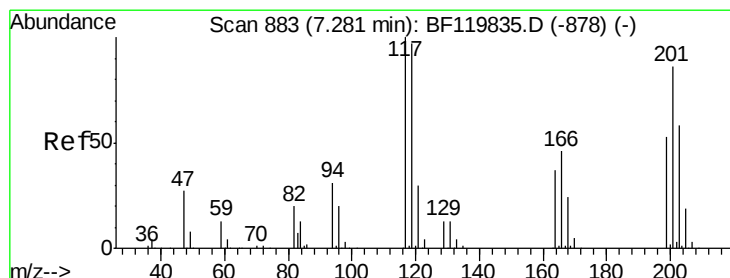
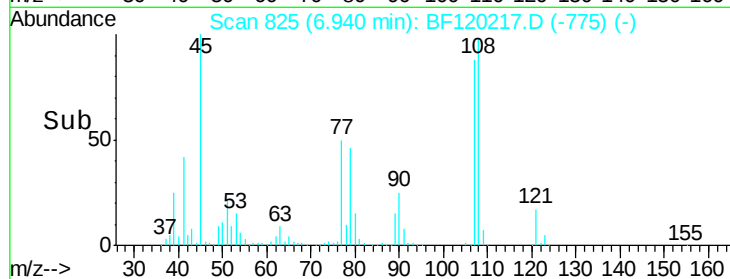
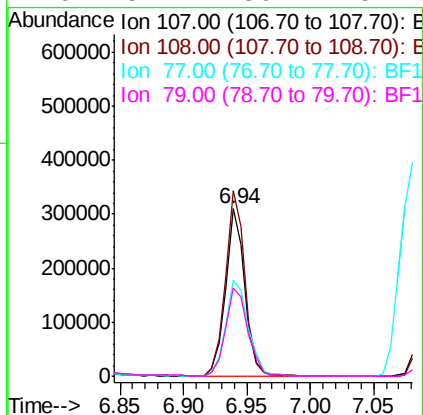
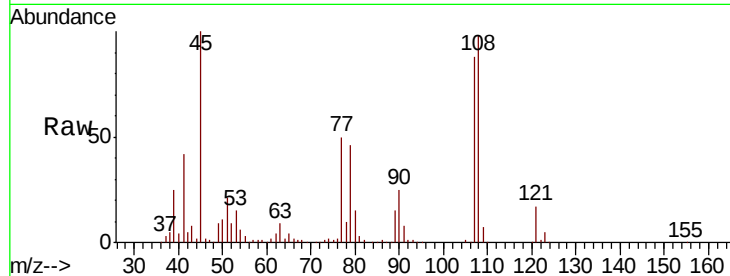
#17
2-Methylphenol
Concen: 42.460 ng
RT: 6.94 min Scan# 825
Delta R.T. -0.01 min
Lab File: BF120217.D
Acq: 27 Apr 2020 14:28

Instrument :
BNA_F
ClientSampleId :
PB128487BS

Tot Ion	Ratio	Lower	Upper
107	100		
108	110.9	92.2	138.4
77	57.1	36.6	54.8
79	52.7	36.2	54.4

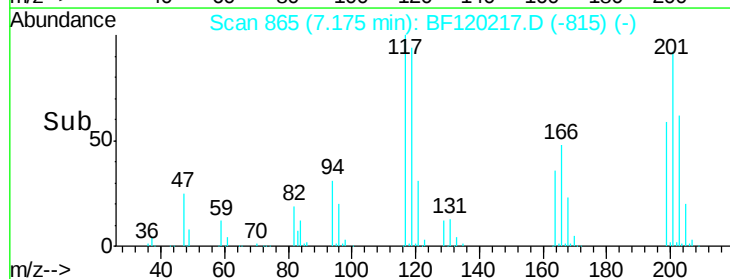
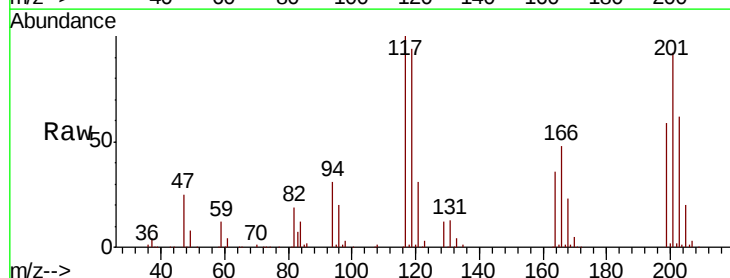
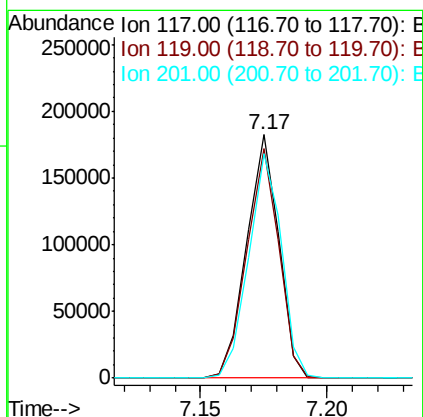
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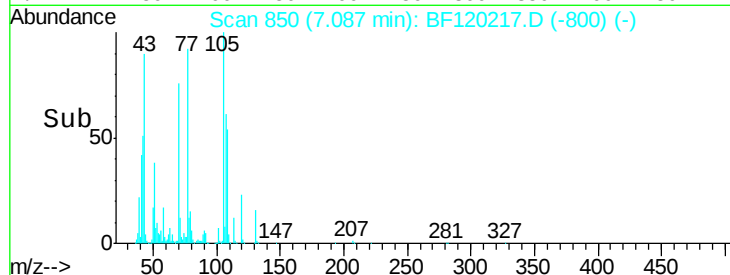
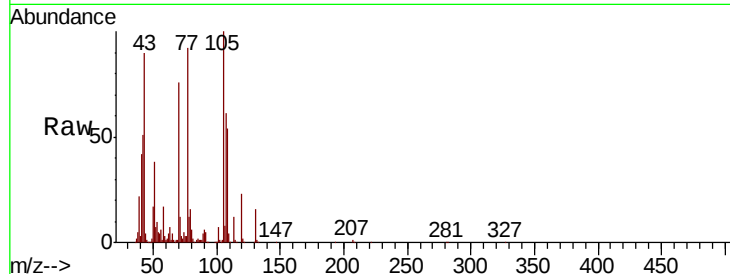
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#18
Hexachloroethane
Concen: 45.079 ng
RT: 7.17 min Scan# 865
Delta R.T. -0.01 min
Lab File: BF120217.D
Acq: 27 Apr 2020 14:28

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.2	76.1	114.1
201	91.9	73.0	109.6





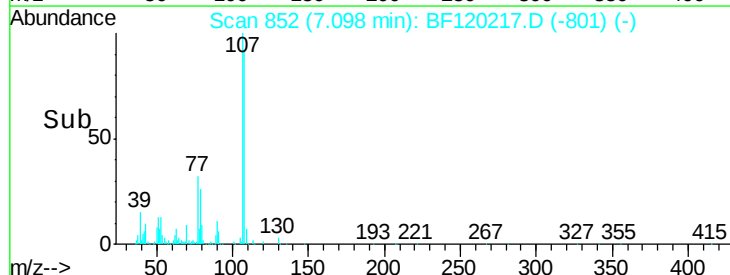
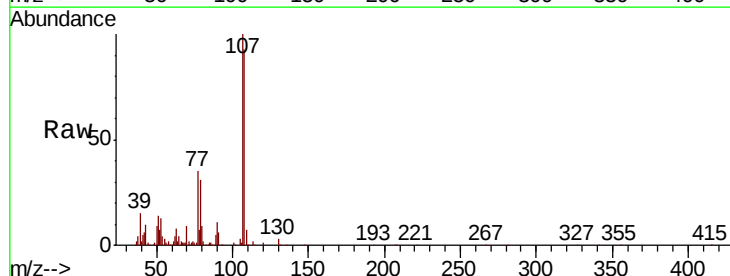
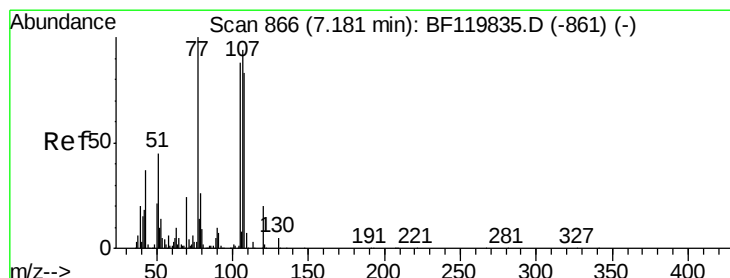
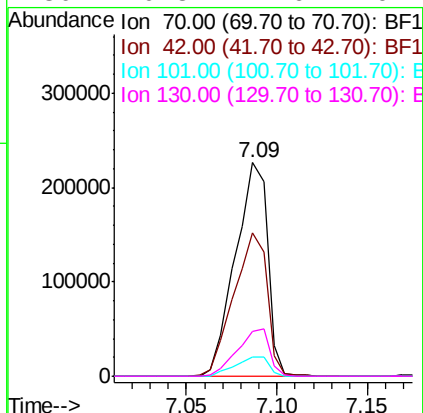
#19
n-Nitroso-di-n-propylamine
Concen: 44.027 ng
RT: 7.09 min Scan# 850
Delta R.T. -0.01 min
Lab File: BF120217.D
Acq: 27 Apr 2020 14:28

Instrument :
BNA_F
ClientSampleId :
PB128487BS

Manual Integrations
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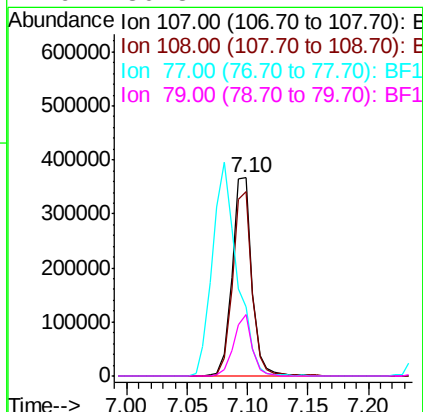
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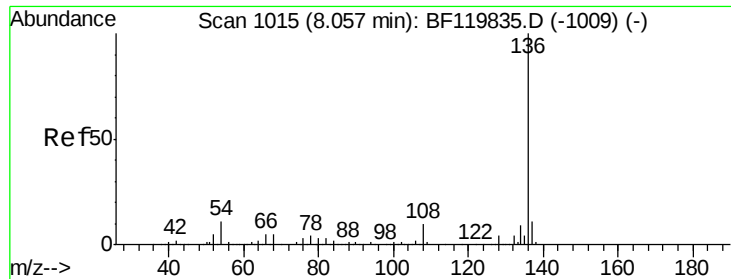
Tot Ion	Ratio	Lower	Upper
70	100		
42	67.3	54.5	81.7
101	9.3	7.6	11.4
130	20.8	17.6	26.4



#20
3+4-Methylphenols
Concen: 44.803 ng
RT: 7.10 min Scan# 852
Delta R.T. -0.00 min
Lab File: BF120217.D
Acq: 27 Apr 2020 14:28

Tgt Ion	Ratio	Lower	Upper
107	100		
108	93.2	67.9	107.9
77	34.6	52.9	92.9#
79	30.8	7.7	47.7





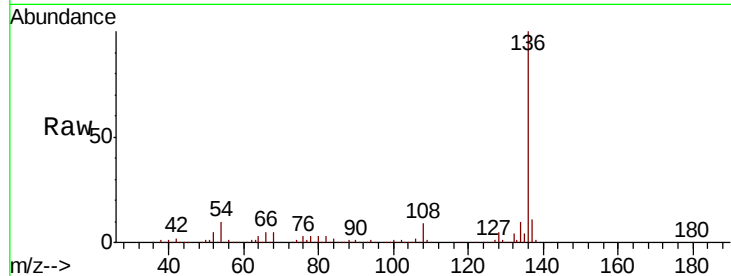
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.95 min Scan# 997
Delta R.T. -0.01 min
Lab File: BF120217.D
Acq: 27 Apr 2020 14:28

Instrument :
BNA_F
ClientSampleId :
PB128487BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	509775		
137	10.8		8.7	13.1
54	10.0		9.1	13.7
68	5.4		4.6	6.8

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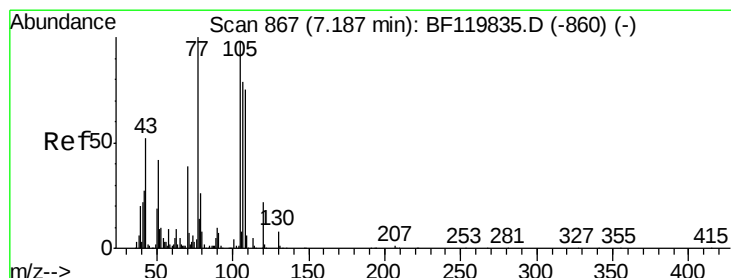
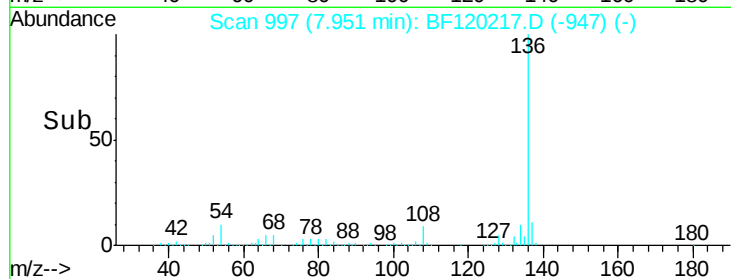
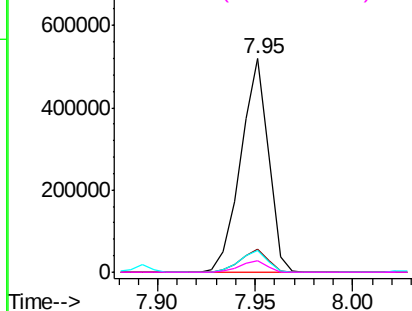
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22
Acetophenone
Concen: 46.466 ng
RT: 7.08 min Scan# 849
Delta R.T. -0.01 min
Lab File: BF120217.D
Acq: 27 Apr 2020 14:28

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	554676		
71	5.0		5.7	8.5#
51	32.6		26.2	39.4
120	22.0		18.3	27.5

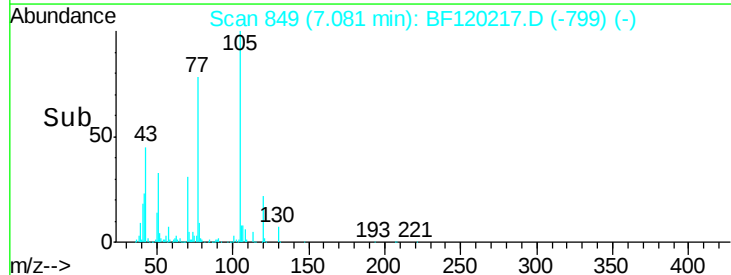
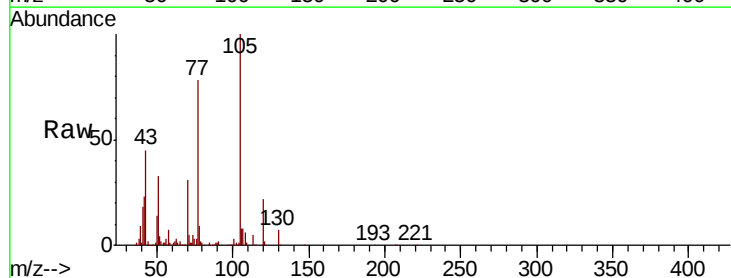
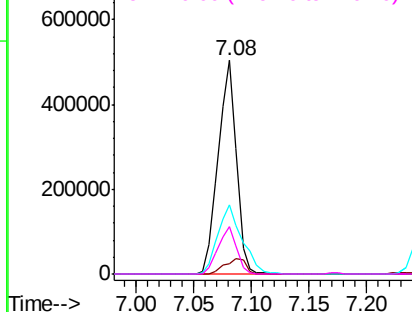
Abundance

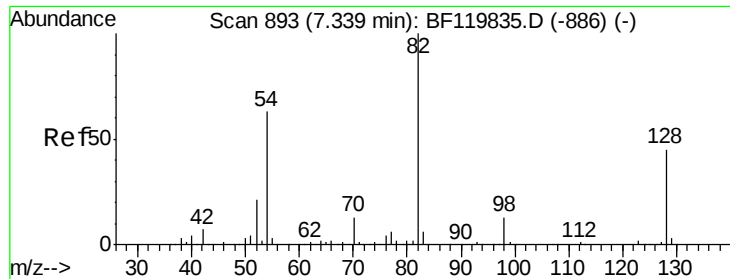
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E





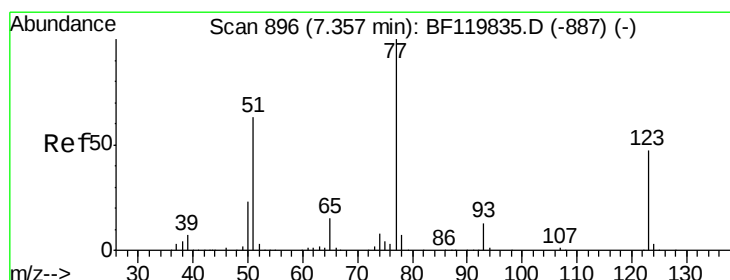
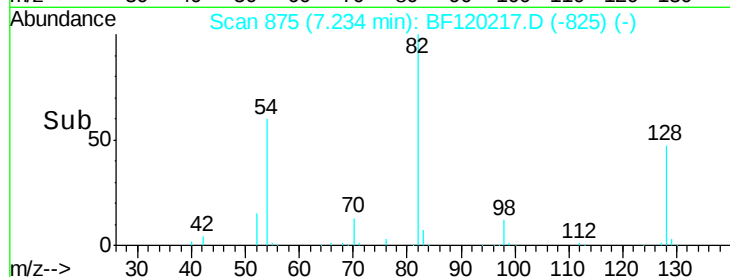
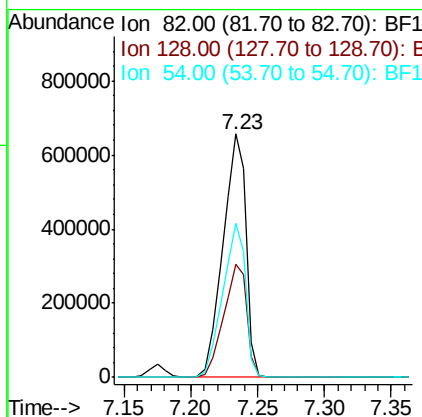
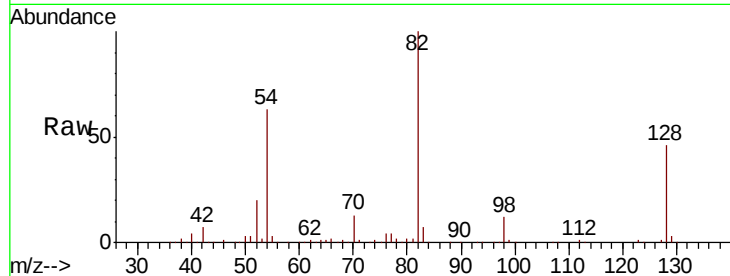
#23
Nitrobenzene-d5
Concen: 81.238 ng
RT: 7.23 min Scan# 875
Delta R.T. -0.01 min
Lab File: BF120217.D
Acq: 27 Apr 2020 14:28

Instrument :
BNA_F
ClientSampleId :
PB128487BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	46.5	36.3	54.5
54	63.2	50.6	75.8

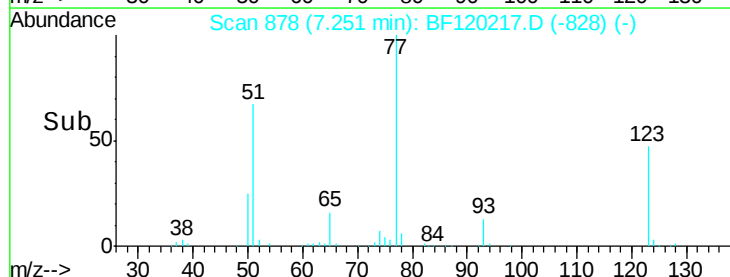
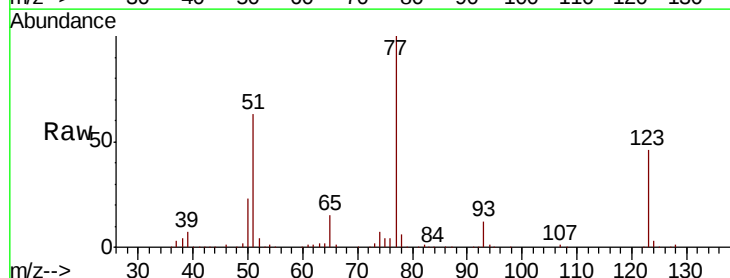
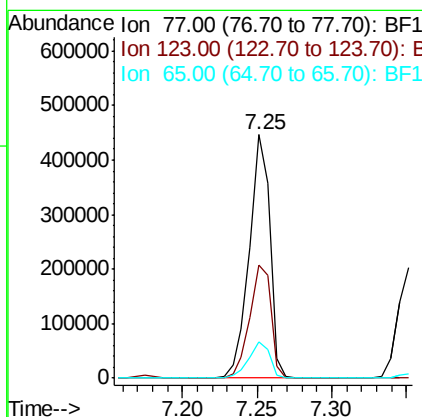
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#24
Nitrobenzene
Concen: 42.807 ng
RT: 7.25 min Scan# 878
Delta R.T. -0.01 min
Lab File: BF120217.D
Acq: 27 Apr 2020 14:28

Tgt Ion	Ratio	Lower	Upper
77	100		
123	46.4	38.0	57.0
65	14.8	12.6	18.8





#25

Isophorone

Concen: 40.239 ng

RT: 7.49 min Scan# 919

Delta R.T. -0.01 min

Lab File: BF120217.D

Acq: 27 Apr 2020 14:28

Instrument :

BNA_F

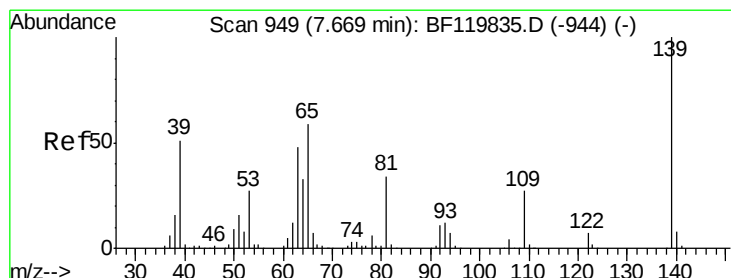
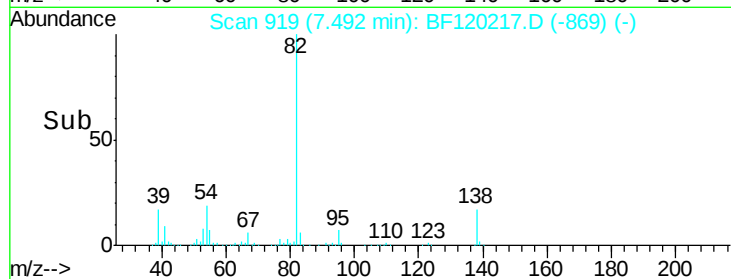
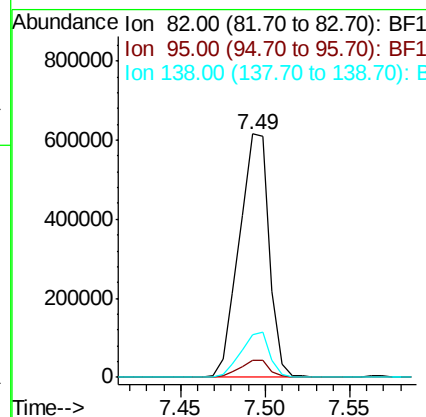
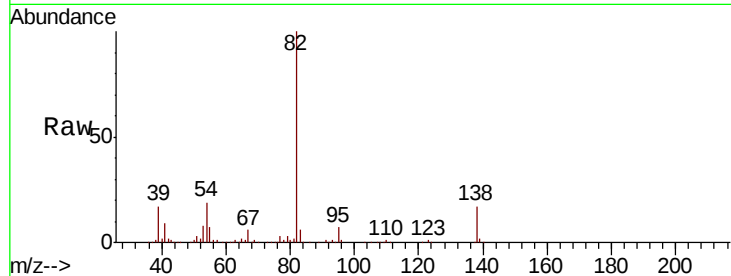
ClientSampleId :

PB128487BS

Tot Ion:	82	Resp:	764361
Ion Ratio	Lower	Upper	
82	100		
95	6.8	5.8	8.6
138	17.4	14.6	21.8

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#26

2-Nitrophenol

Concen: 44.476 ng

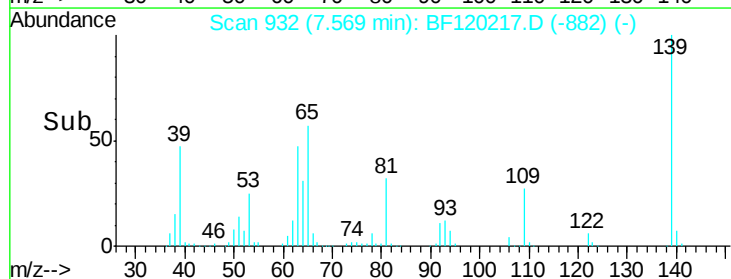
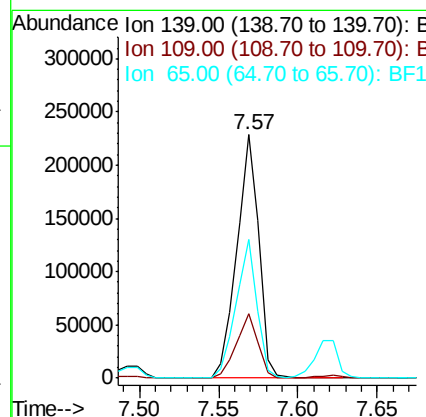
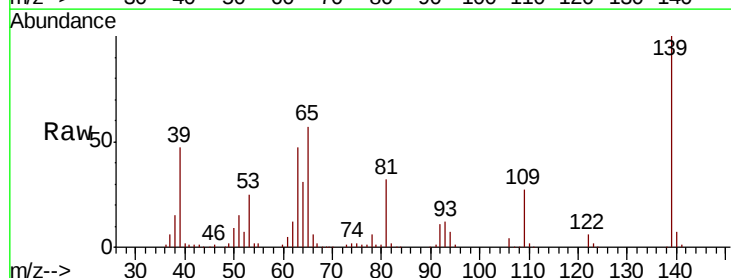
RT: 7.57 min Scan# 932

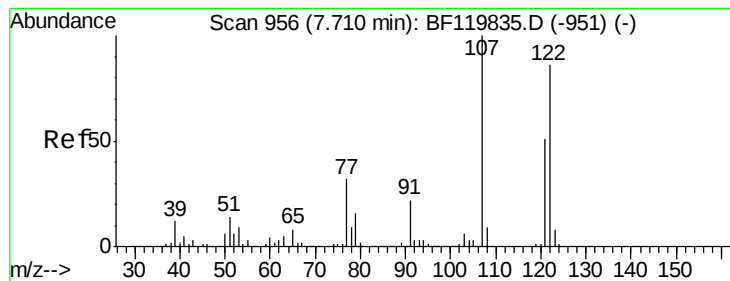
Delta R.T. -0.01 min

Lab File: BF120217.D

Acq: 27 Apr 2020 14:28

Tgt Ion:	139	Resp:	220262
Ion Ratio	Lower	Upper	
139	100		
109	26.6	22.1	33.1
65	57.1	49.2	73.8





#27

2,4-Dimethylphenol

Concen: 45.425 ng

RT: 7.62 min Scan# 941

Delta R.T. -0.00 min

Lab File: BF120217.D

Acq: 27 Apr 2020 14:28

Instrument :

BNA_F

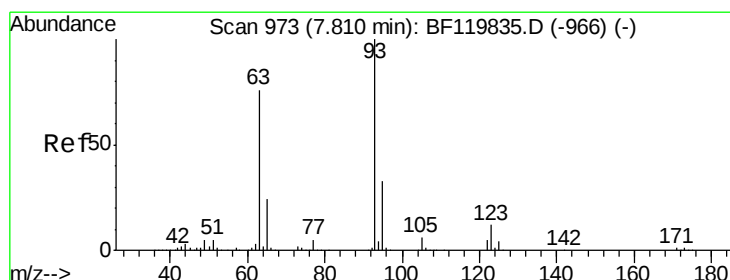
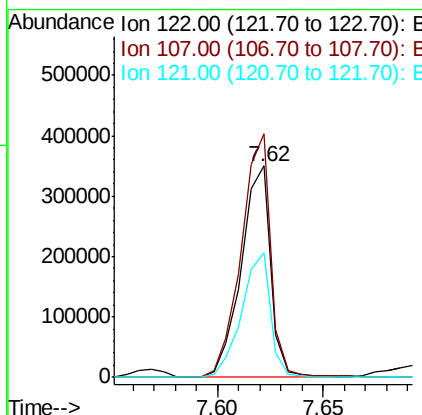
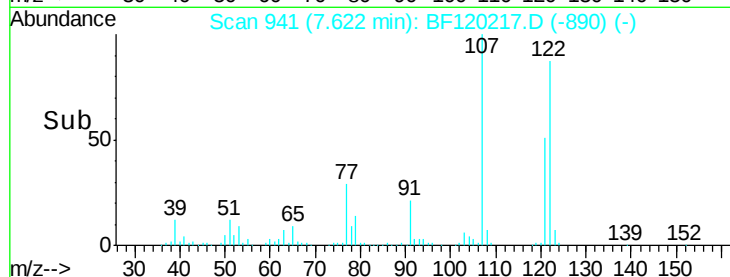
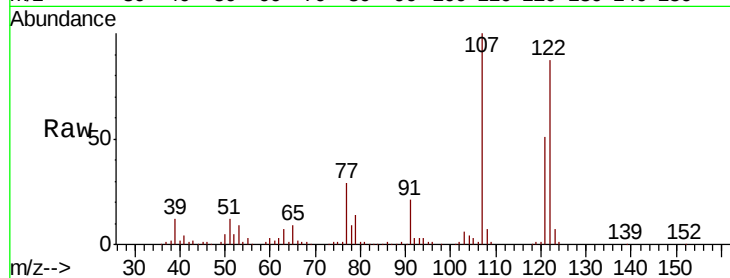
ClientSampleId :

PB128487BS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	339285		
107	115.1	89.0	133.6	
121	58.8	46.7	70.1	

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#28

bis(2-Chloroethoxy)methane

Concen: 43.532 ng

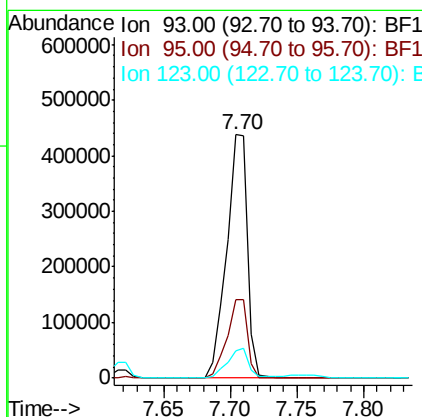
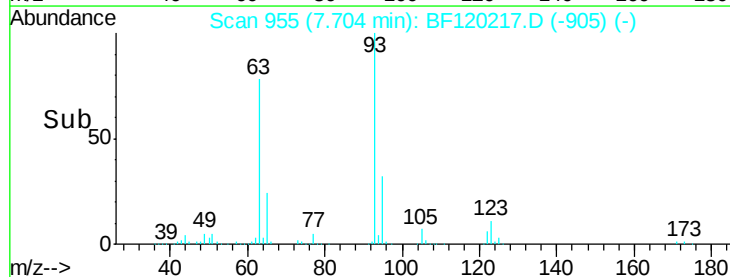
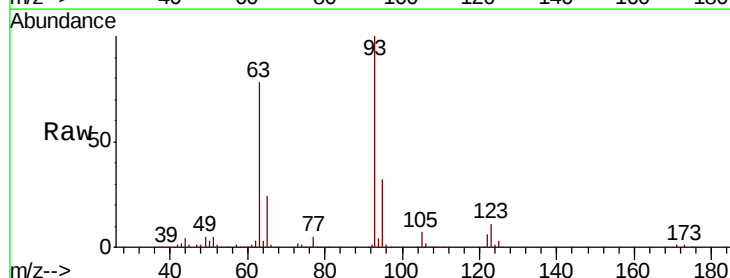
RT: 7.70 min Scan# 955

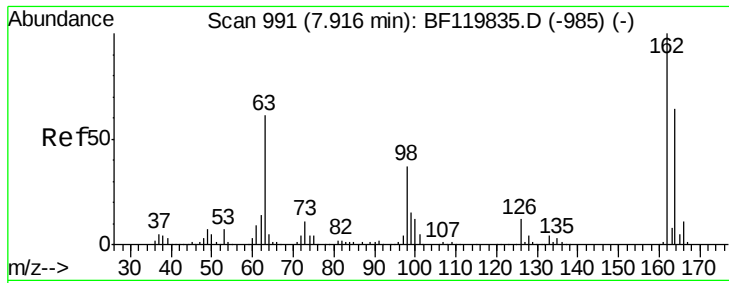
Delta R.T. -0.01 min

Lab File: BF120217.D

Acq: 27 Apr 2020 14:28

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	486589		
95	32.1	26.3	39.5	
123	11.1	9.7	14.5	





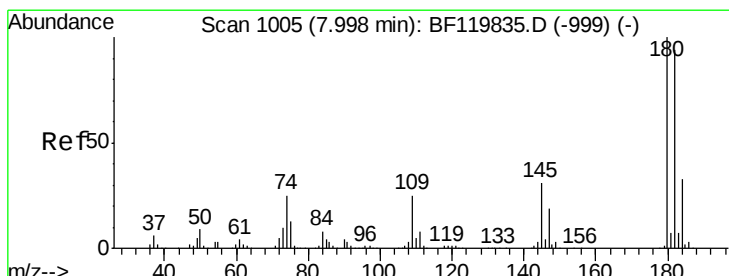
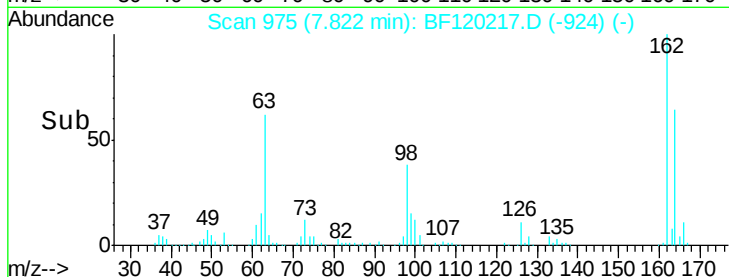
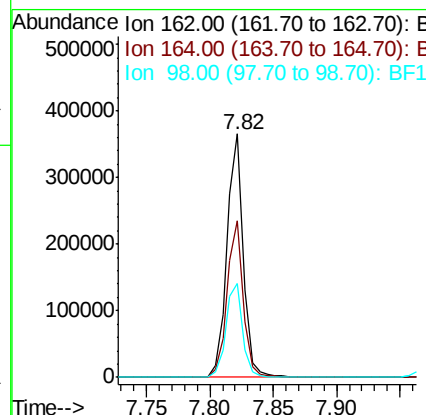
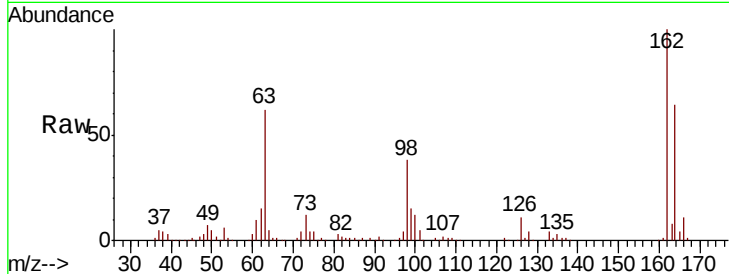
#29
 2,4-Dichlorophenol
 Concen: 42.806 ng
 RT: 7.82 min Scan# 975
 Delta R.T. -0.00 min
 Lab File: BF120217.D
 Acq: 27 Apr 2020 14:28

Instrument :
 BNA_F
 ClientSampleId :
 PB128487BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
162	100				
164	64.2	44.7	84.7		
98	38.4	20.7	60.7		

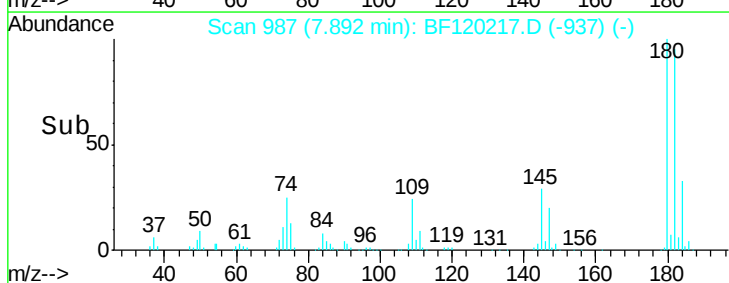
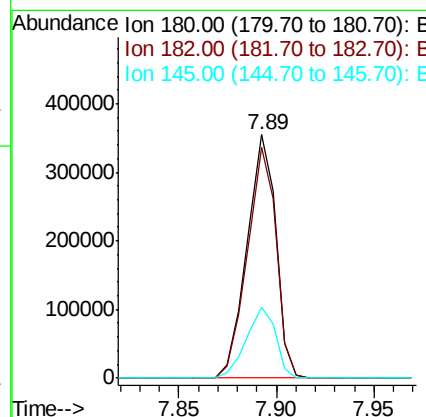
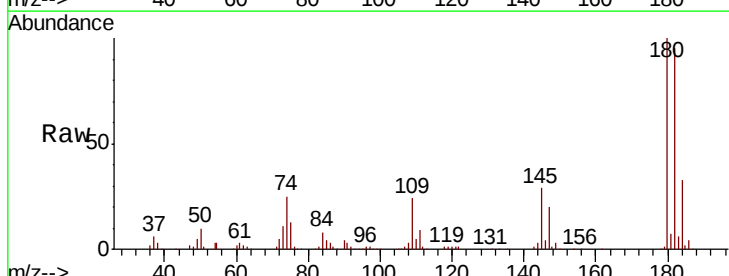
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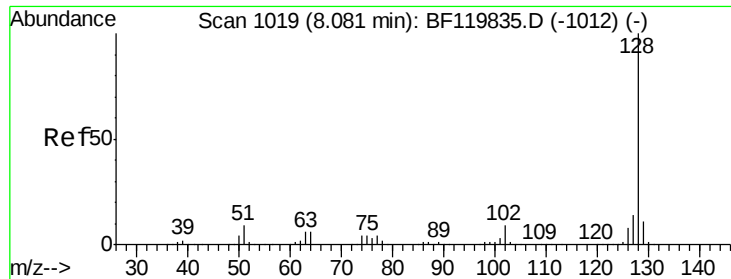
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#30
 1,2,4-Trichlorobenzene
 Concen: 42.096 ng
 RT: 7.89 min Scan# 987
 Delta R.T. -0.01 min
 Lab File: BF120217.D
 Acq: 27 Apr 2020 14:28

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
180	100				
182	94.9	74.7	112.1		
145	29.2	24.5	36.7		





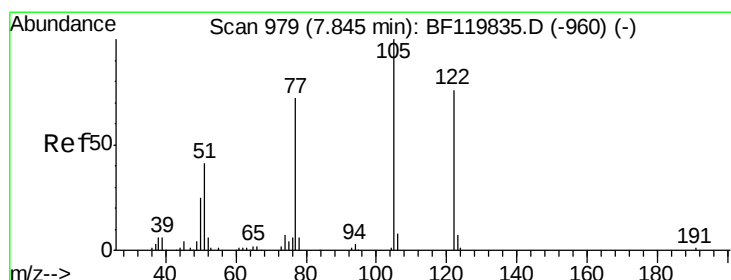
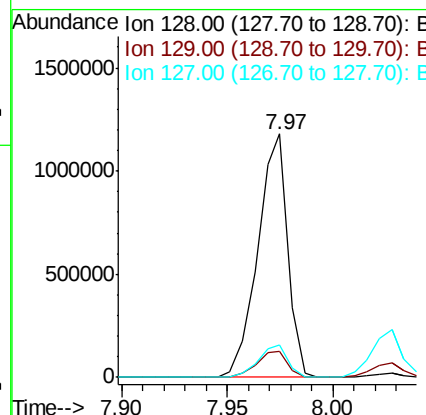
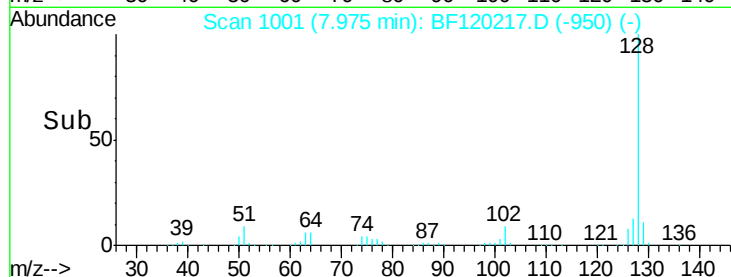
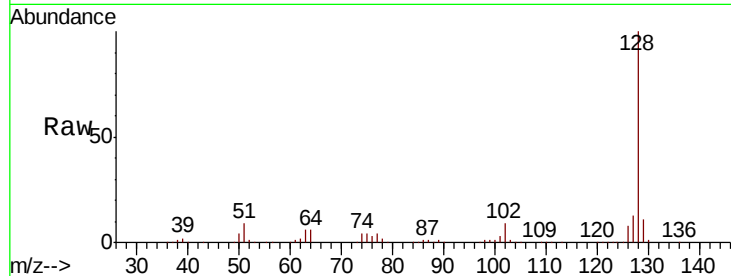
#31
Naphthalene
Concen: 43.318 ng
RT: 7.97 min Scan# 1001
Delta R.T. -0.00 min
Lab File: BF120217.D
Acq: 27 Apr 2020 14:28

Instrument :
BNA_F
ClientSampleId :
PB128487BS

Tot Ion:128 Resp: 1161814
Ion Ratio Lower Upper
128 100
129 10.8 9.5 14.3
127 13.2 11.3 16.9

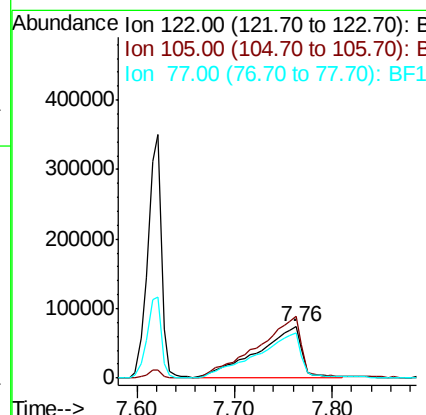
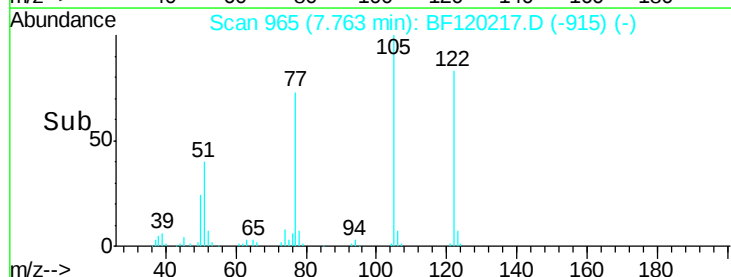
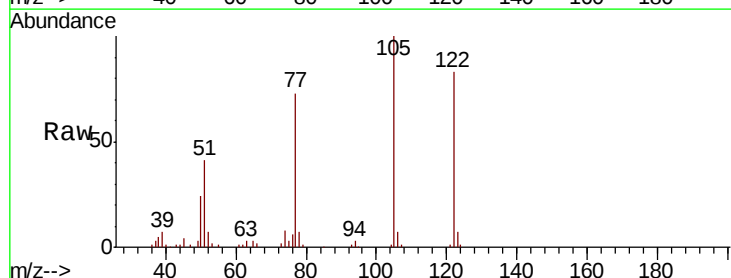
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#32
Benzoic acid
Concen: 34.846 ng
RT: 7.76 min Scan# 965
Delta R.T. -0.01 min
Lab File: BF120217.D
Acq: 27 Apr 2020 14:28

Tgt Ion:122 Resp: 228578
Ion Ratio Lower Upper
122 100
105 120.9 104.9 144.9
77 88.7 74.4 114.4





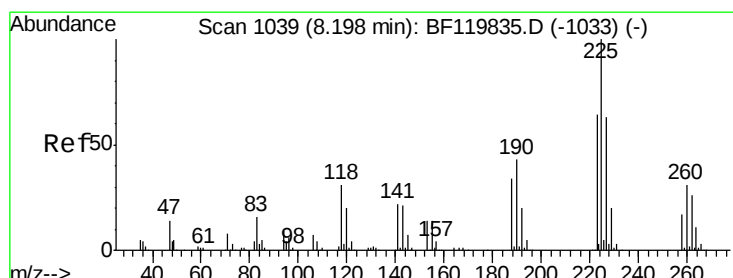
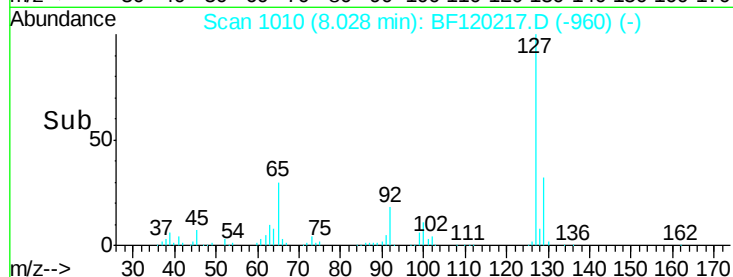
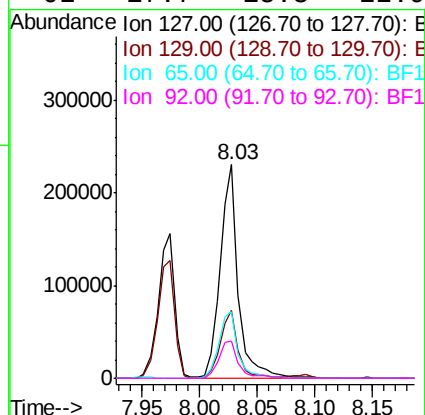
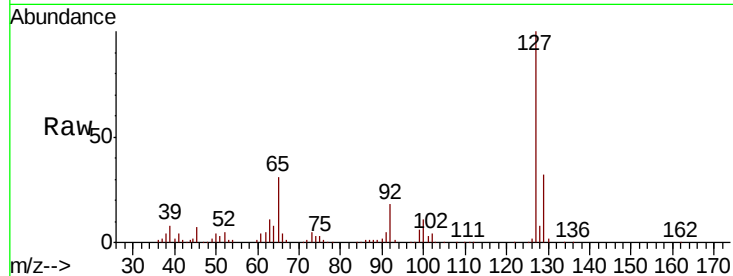
#33
4-Chloroaniline
Concen: 21.186 ng
RT: 8.03 min Scan# 1010
Delta R.T. -0.01 min
Lab File: BF120217.D
Acq: 27 Apr 2020 14:28

Instrument :
BNA_F
ClientSampleId :
PB128487BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		247369		
129	31.8	26.2	39.4		
65	31.1	27.4	41.0		
92	17.7	15.3	22.9		

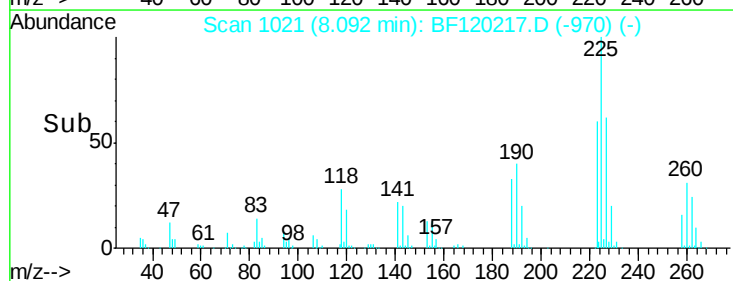
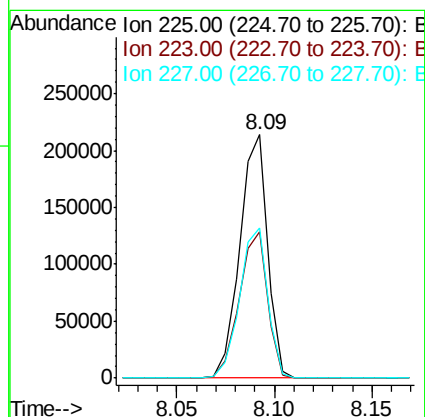
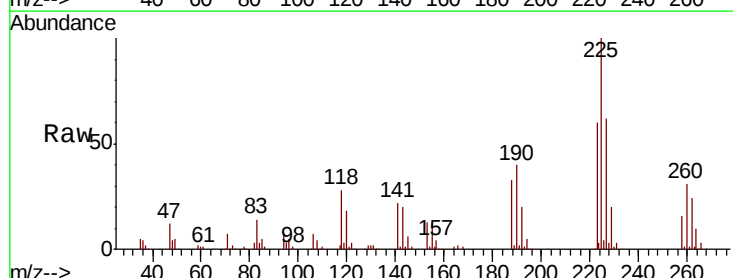
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#34
Hexachlorobutadiene
Concen: 40.560 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.00 min
Lab File: BF120217.D
Acq: 27 Apr 2020 14:28

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		210621		
223	59.9	51.0	76.6		
227	61.7	50.7	76.1		





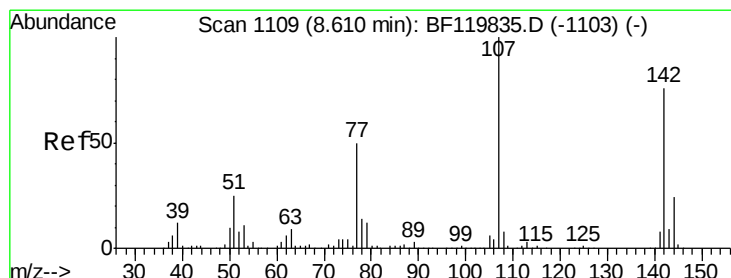
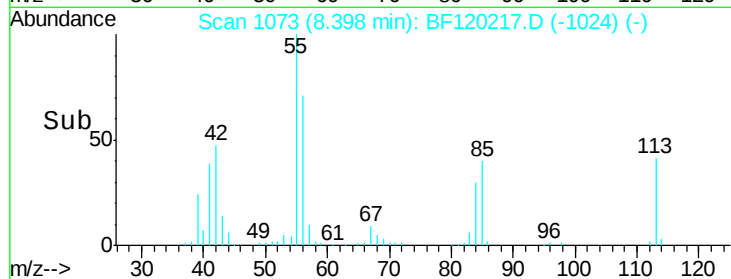
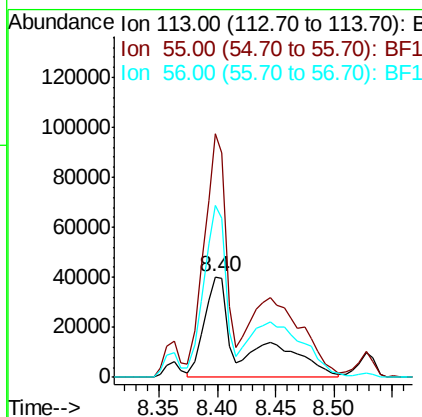
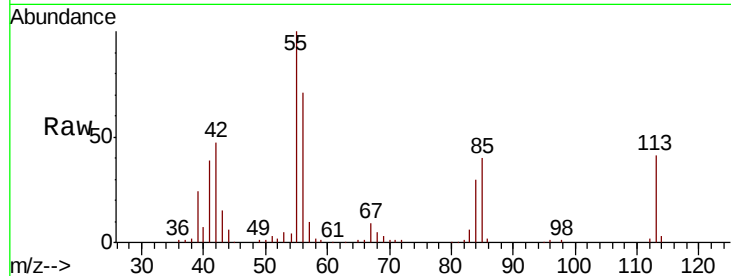
#35
 Caprolactam
 Concen: 41.747 ng/ml
 RT: 8.40 min Scan# 1073
 Delta R.T. -0.01 min
 Lab File: BF120217.D
 Acq: 27 Apr 2020 14:28

Instrument :
 BNA_F
 ClientSampleId :
 PB128487BS

Tot Ion	Ion	Ratio	Lower	Upper
113	100			
55	242.8	218.4	258.4	
56	171.3	148.9	188.9	

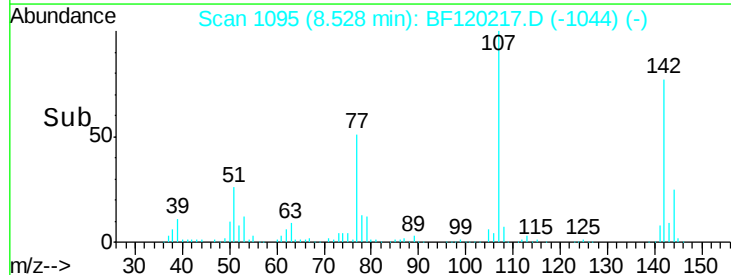
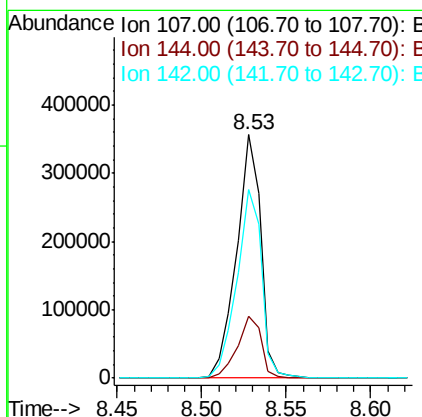
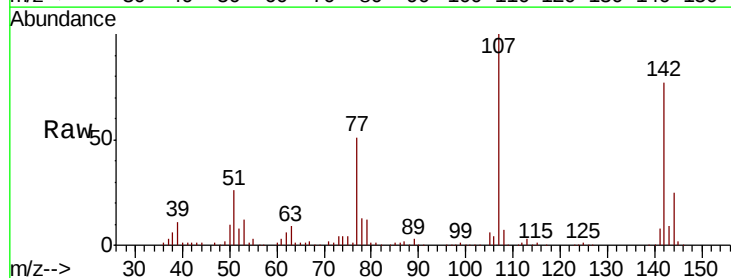
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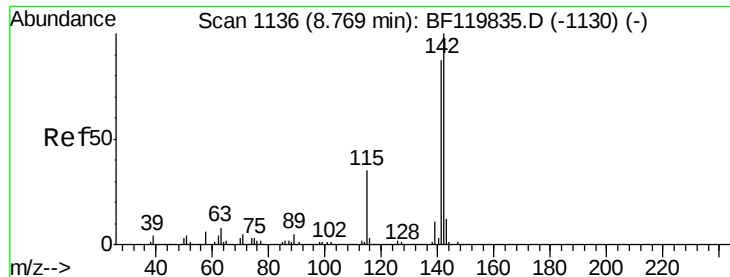
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#36
 4-Chloro-3-methylphenol
 Concen: 43.162 ng/ml
 RT: 8.53 min Scan# 1095
 Delta R.T. -0.00 min
 Lab File: BF120217.D
 Acq: 27 Apr 2020 14:28

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
144	25.3	21.0	31.6	
142	77.4	64.4	96.6	





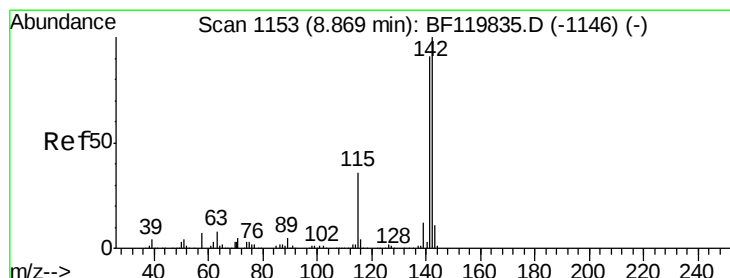
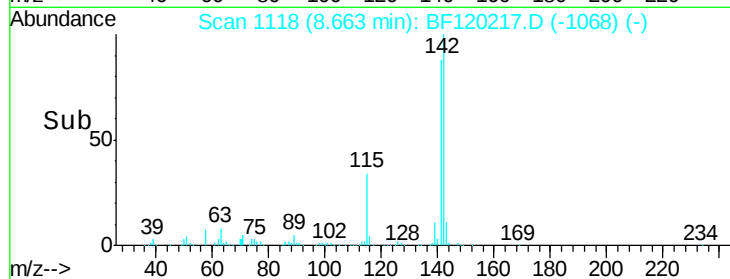
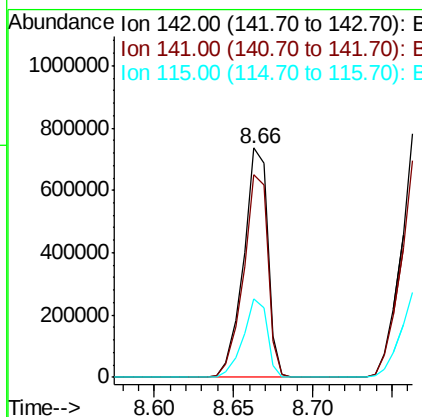
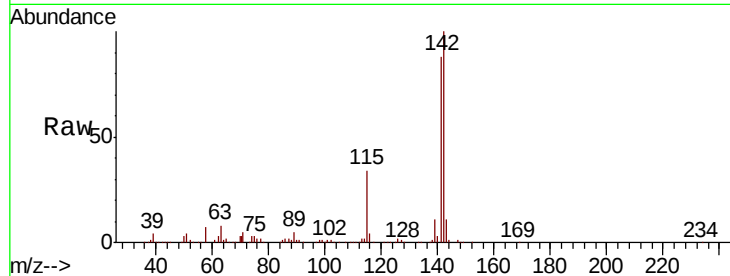
#37
 2-Methylnaphthalene
 Concen: 42.875 ng
 RT: 8.66 min Scan# 1118
 Delta R.T. -0.01 min
 Lab File: BF120217.D
 Acq: 27 Apr 2020 14:28

Instrument :
 BNA_F
 ClientSampleID :
 PB128487BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.3	71.7	107.5
115	34.4	27.9	41.9

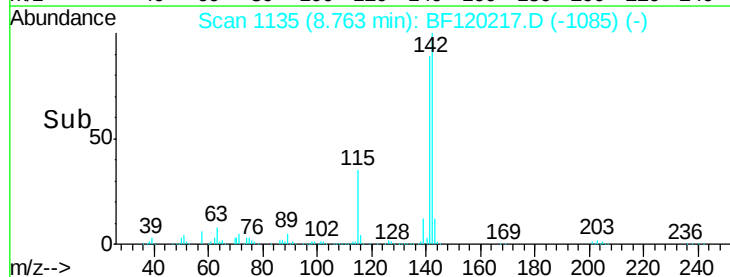
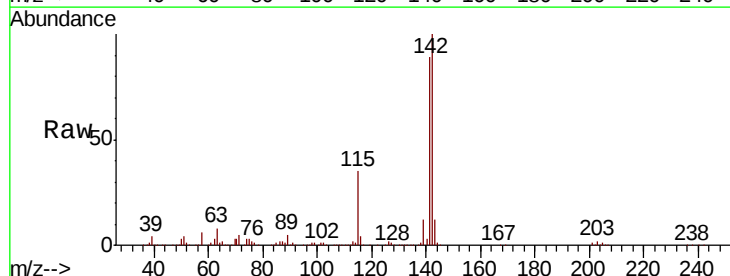
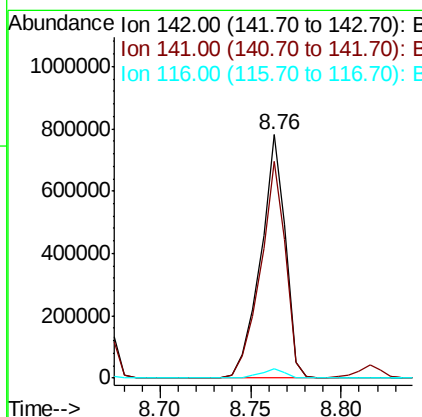
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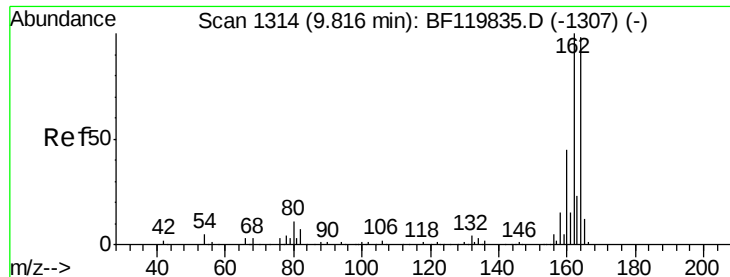
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#38
 1-Methylnaphthalene
 Concen: 43.134 ng
 RT: 8.76 min Scan# 1135
 Delta R.T. -0.01 min
 Lab File: BF120217.D
 Acq: 27 Apr 2020 14:28

Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.2	73.7	110.5
116	3.6	3.0	4.6





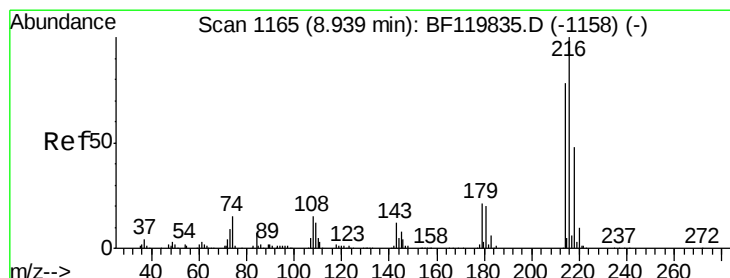
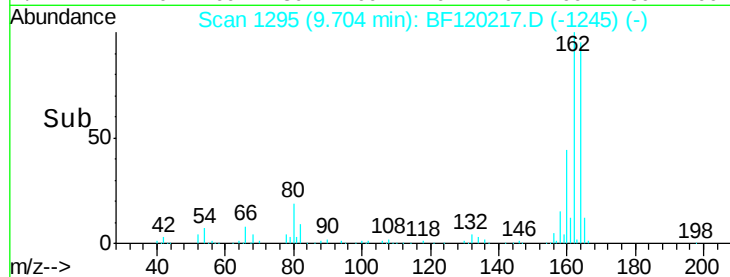
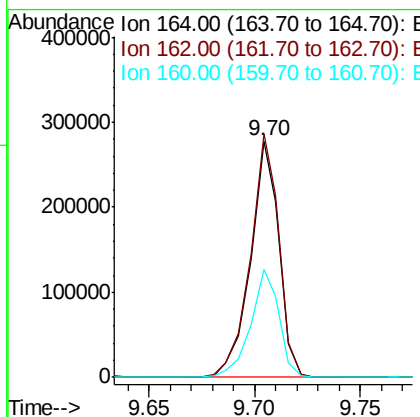
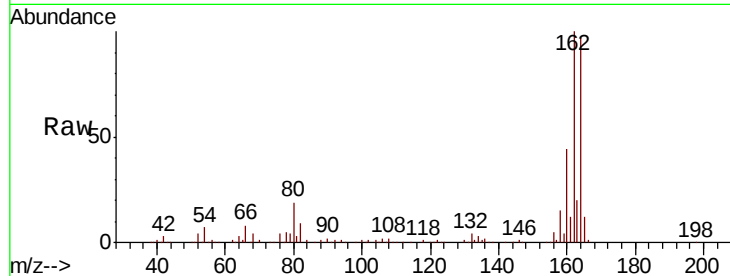
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.70 min Scan# 1295
 Delta R.T. -0.01 min
 Lab File: BF120217.D
 Acq: 27 Apr 2020 14:28

Instrument :
 BNA_F
 ClientSampleId :
 PB128487BS

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	103.1	80.6	121.0	
160	45.7	35.7	53.5	

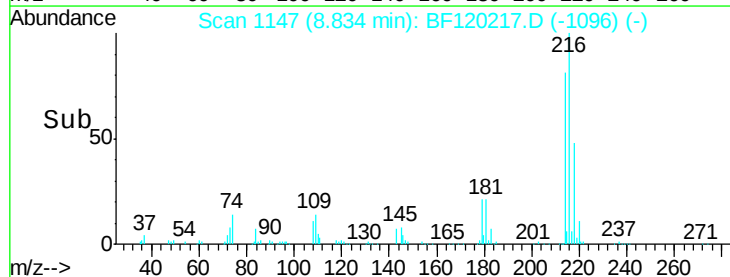
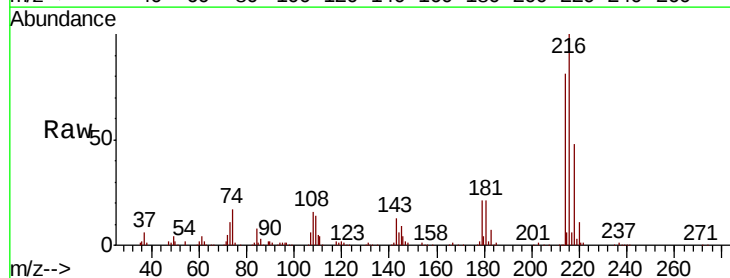
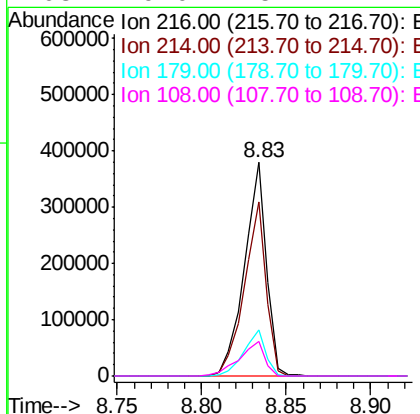
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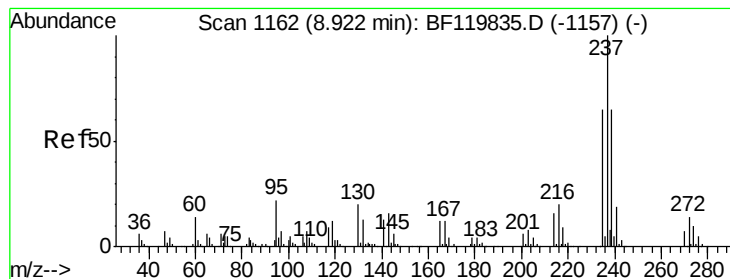
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#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 42.185 ng
 RT: 8.83 min Scan# 1147
 Delta R.T. -0.00 min
 Lab File: BF120217.D
 Acq: 27 Apr 2020 14:28

Tgt Ion	Ratio	Resp	Lower	Upper
216	100			
214	80.9	63.2	94.8	
179	21.5	17.1	25.7	
108	19.0	15.1	22.7	





#41

Hexachlorocyclopentadiene

Concen: 66.455 ng

RT: 8.82 min Scan# 1144

Delta R.T. -0.01 min

Lab File: BF120217.D

Acq: 27 Apr 2020 14:28

Instrument :

BNA_F

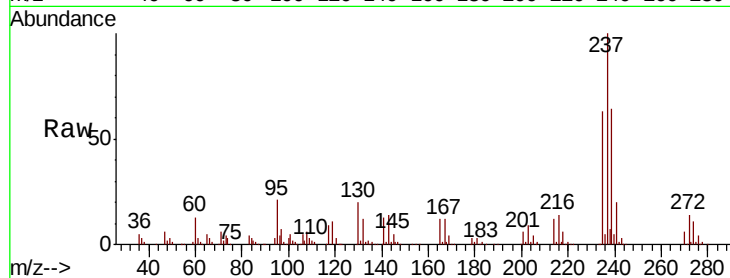
ClientSampleId :

PB128487BS

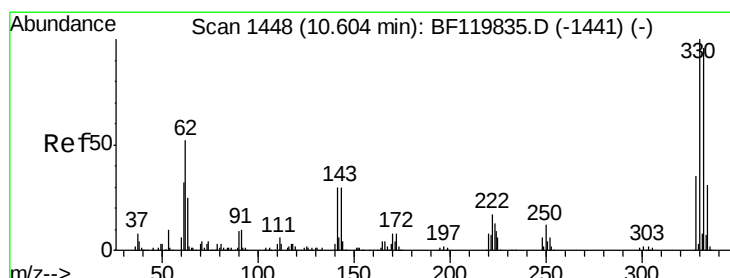
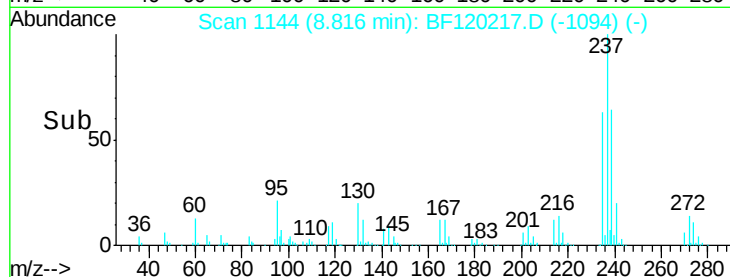
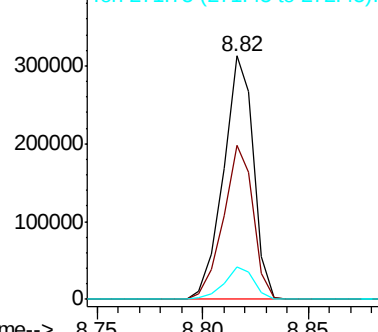
Tot Ion:	237	Resp:	309362
Ion Ratio	Lower	Upper	
237	100		
235	63.1	43.2	83.2
272	13.6	0.0	34.1

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



#42

2,4,6-Tribromophenol

Concen: 108.858 ng

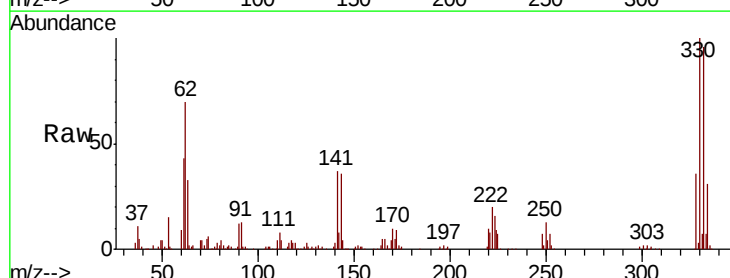
RT: 10.50 min Scan# 1430

Delta R.T. -0.01 min

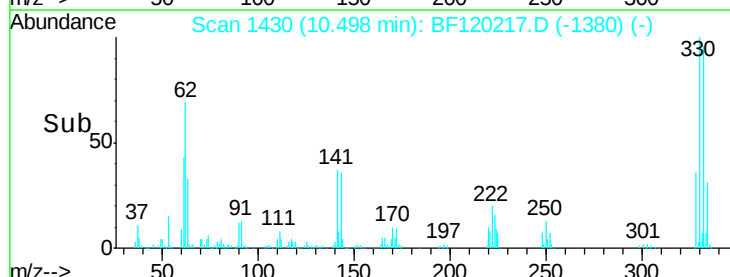
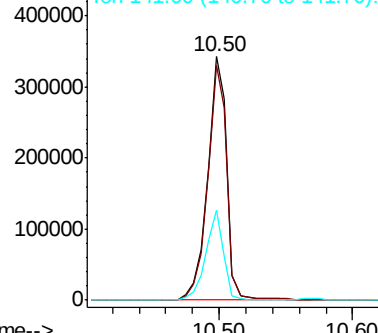
Lab File: BF120217.D

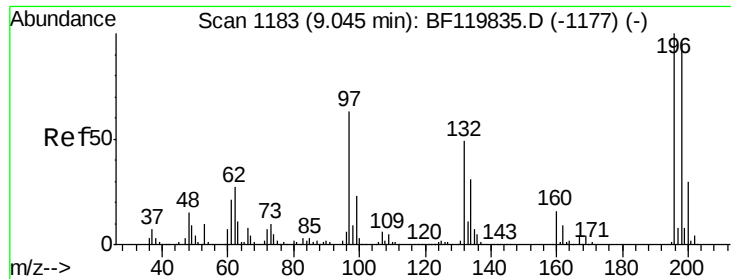
Acq: 27 Apr 2020 14:28

Tgt Ion:	330	Resp:	345459
Ion Ratio	Lower	Upper	
330	100		
332	96.3	75.7	113.5
141	34.7	25.4	38.0



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





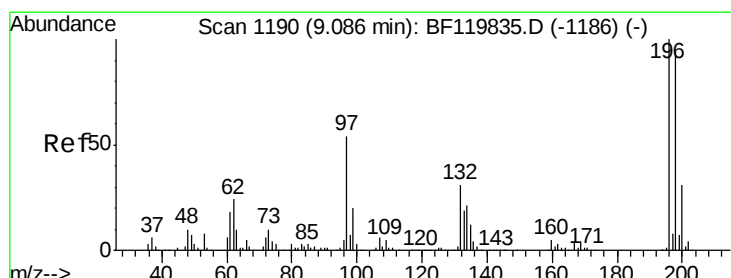
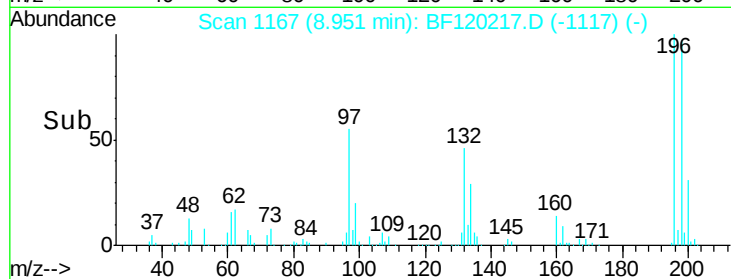
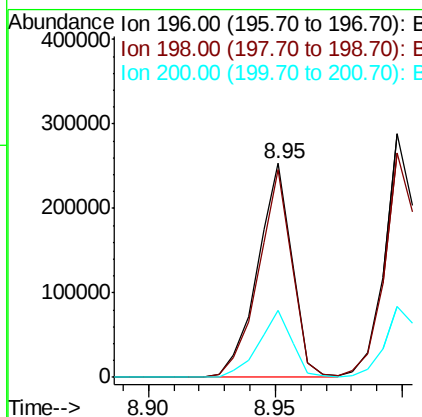
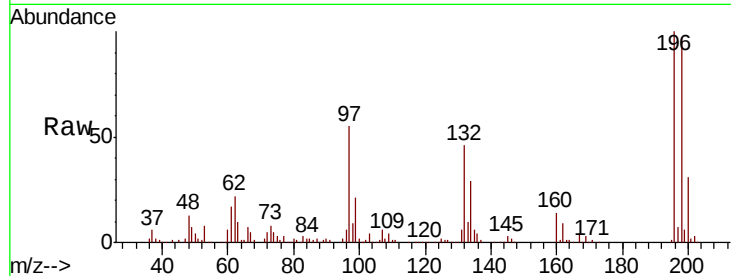
#43
 2,4,6-Trichlorophenol
 Concen: 42.670 ng
 RT: 8.95 min Scan# 1167
 Delta R.T. -0.01 min
 Lab File: BF120217.D
 Acq: 27 Apr 2020 14:28

Instrument :
 BNA_F
 ClientSampleId :
 PB128487BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	241225		
198	97.2	76.6	115.0	
200	31.1	24.6	36.8	

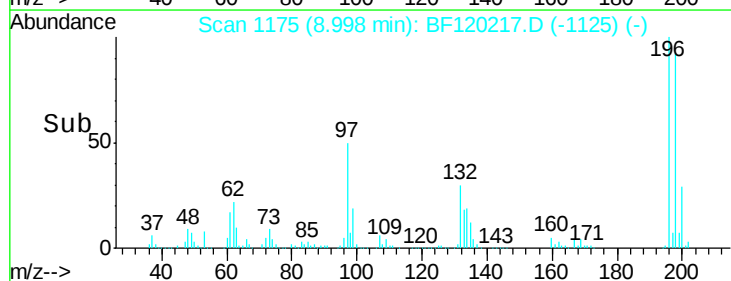
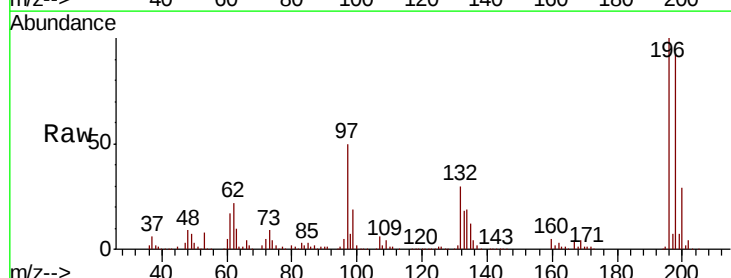
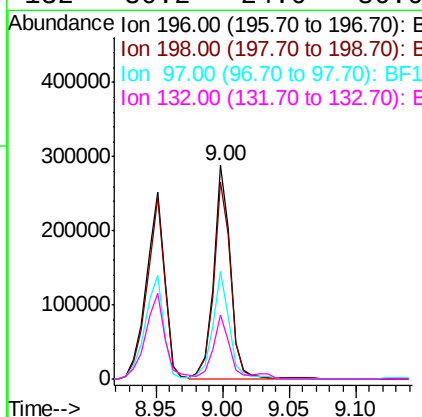
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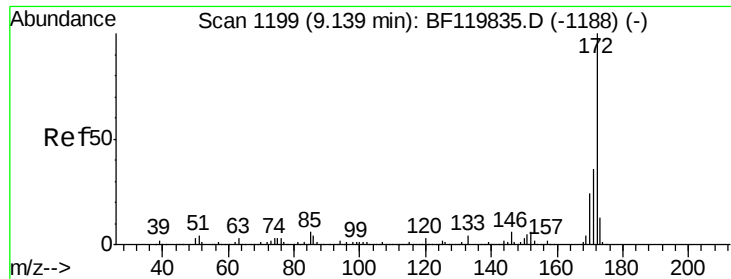
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#44
 2,4,5-Trichlorophenol
 Concen: 39.830 ng
 RT: 9.00 min Scan# 1175
 Delta R.T. -0.01 min
 Lab File: BF120217.D
 Acq: 27 Apr 2020 14:28

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	253609		
198	92.1	73.8	110.8	
97	50.5	42.6	63.8	
132	30.2	24.0	36.0	





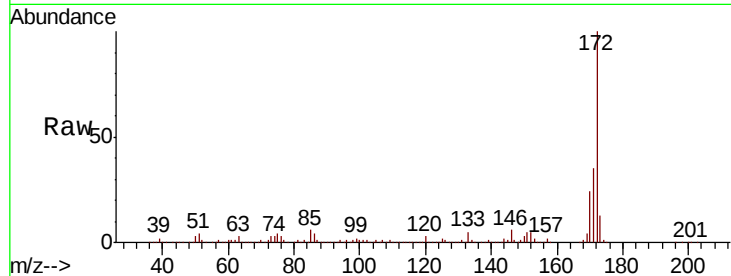
#45
2-Fluorobiphenyl
Concen: 85.689 ng
RT: 9.03 min Scan# 1181
Delta R.T. -0.00 min
Lab File: BF120217.D
Acq: 27 Apr 2020 14:28

Instrument :
BNA_F
ClientSampleId :
PB128487BS

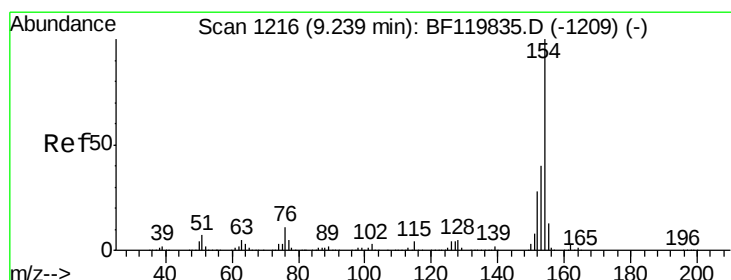
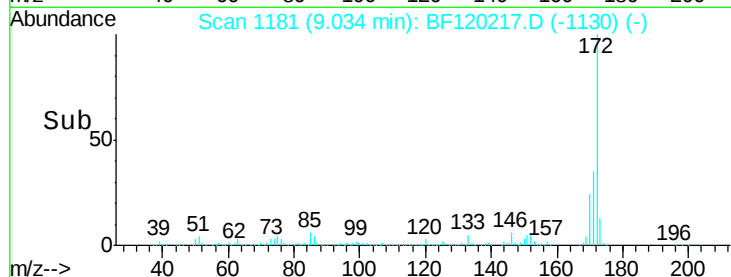
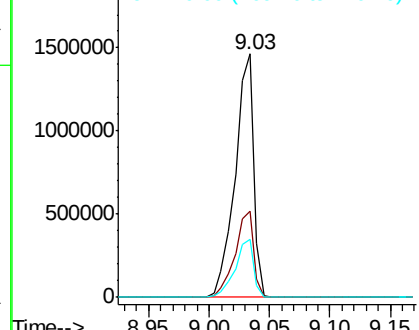
Tot Ion	Ratio	Lower	Upper
172	100		
171	35.4	29.6	44.4
170	23.8	20.2	30.2

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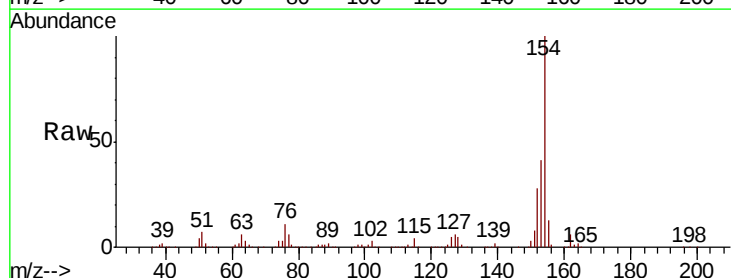


Abundance Ion 172.00 (171.70 to 172.70): E
2000000
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

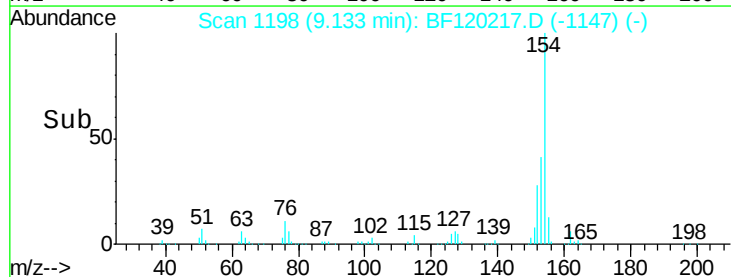
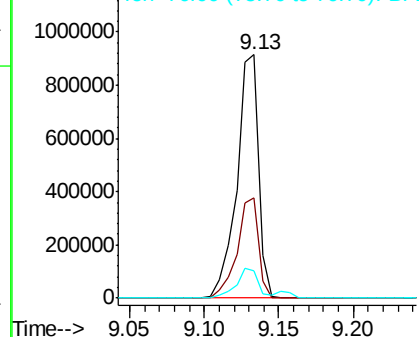


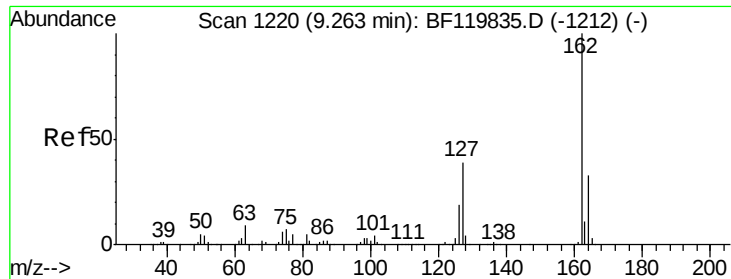
#46
1,1'-Biphenyl
Concen: 42.912 ng
RT: 9.13 min Scan# 1198
Delta R.T. -0.00 min
Lab File: BF120217.D
Acq: 27 Apr 2020 14:28

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.9	21.4	61.4
76	11.4	0.0	33.0



Abundance Ion 154.00 (153.70 to 154.70): E
1200000
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF1





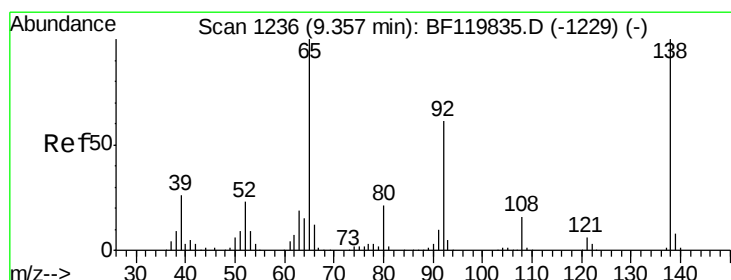
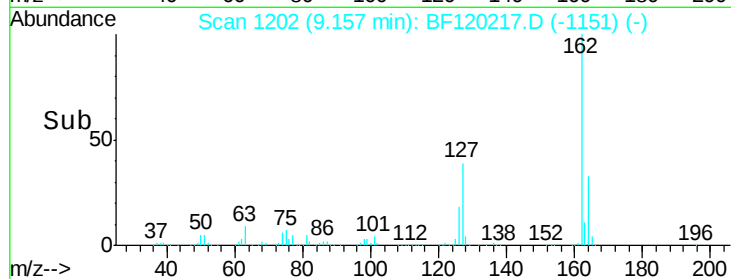
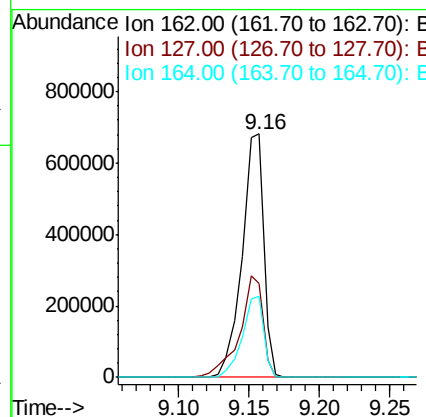
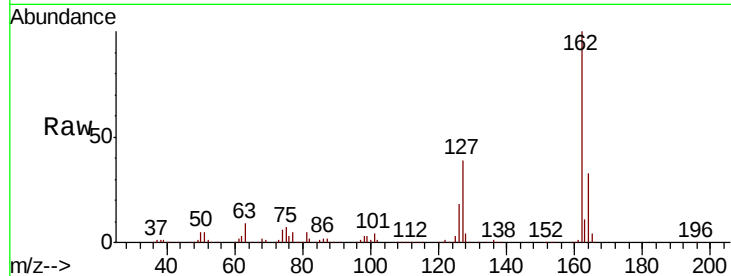
#47
2-Chloronaphthalene
Concen: 43.309 ng
RT: 9.16 min Scan# 1202
Delta R.T. -0.00 min
Lab File: BF120217.D
Acq: 27 Apr 2020 14:28

Instrument :
BNA_F
ClientSampleId :
PB128487BS

Tot Ion	Ratio	Lower	Upper
162	100		
127	38.8	33.7	50.5
164	33.1	26.3	39.5

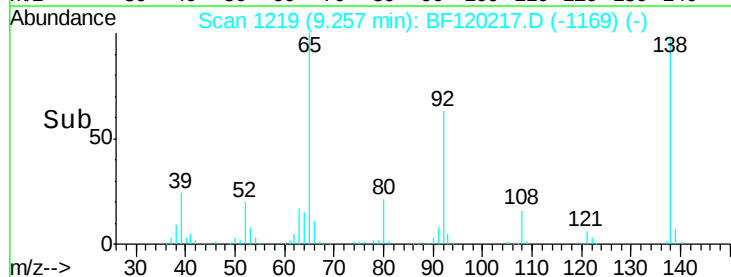
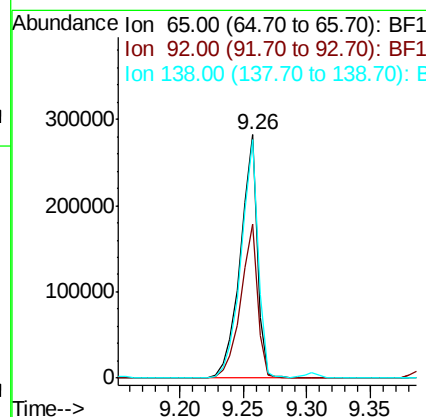
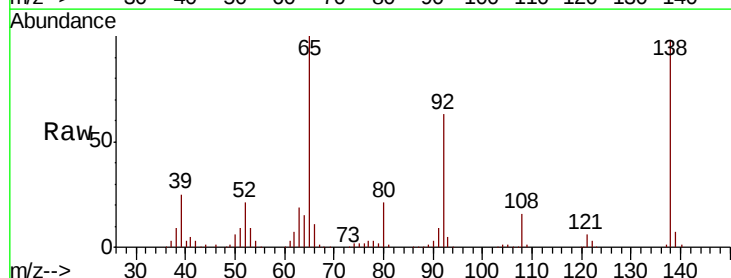
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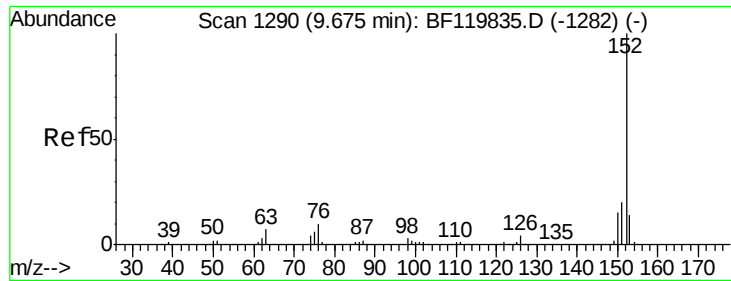
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#48
2-Nitroaniline
Concen: 42.577 ng
RT: 9.26 min Scan# 1219
Delta R.T. -0.01 min
Lab File: BF120217.D
Acq: 27 Apr 2020 14:28

Tgt Ion	Ratio	Lower	Upper
65	100		
92	63.4	50.0	75.0
138	97.8	75.0	112.4





#49

Acenaphthylene

Concen: 44.749 ng

RT: 9.57 min Scan# 1272

Delta R.T. -0.01 min

Lab File: BF120217.D

Acq: 27 Apr 2020 14:28

Instrument :

BNA_F

ClientSampleId :

PB128487BS

Tot Ion:152 Resp: 1146958

Ion Ratio Lower Upper

152 100

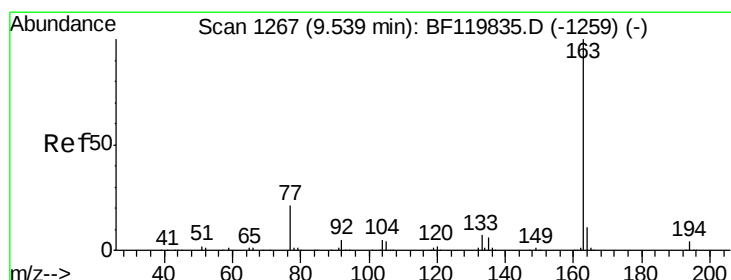
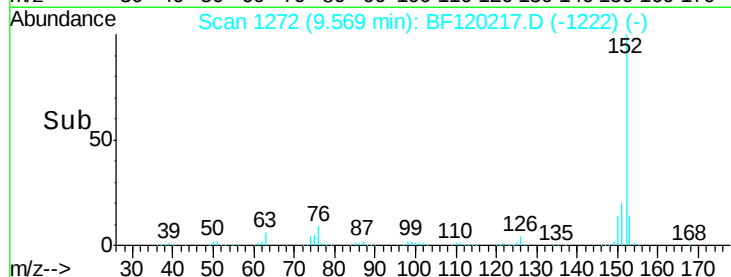
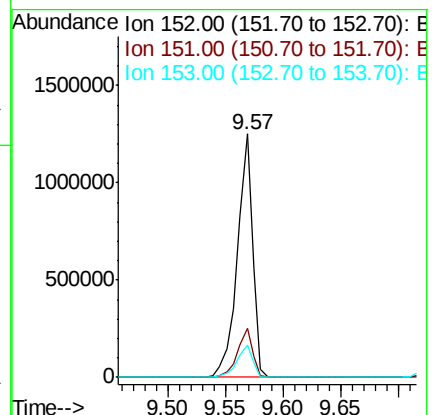
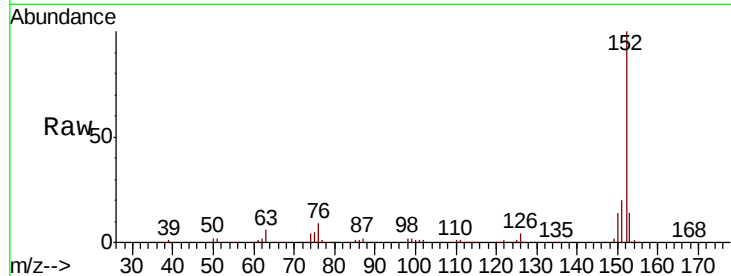
151 20.1 17.2 25.8

153 13.6 11.2 16.8

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#50

Dimethylphthalate

Concen: 42.513 ng

RT: 9.44 min Scan# 1250

Delta R.T. -0.00 min

Lab File: BF120217.D

Acq: 27 Apr 2020 14:28

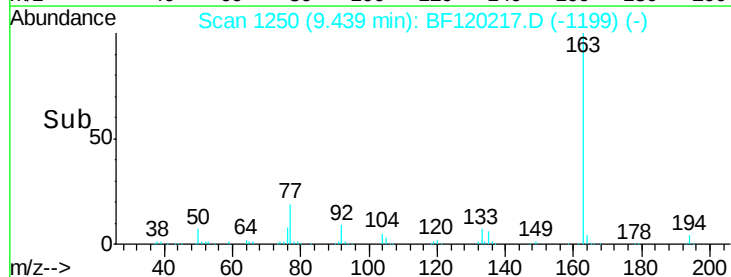
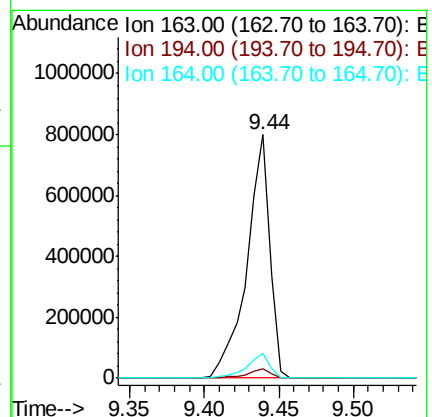
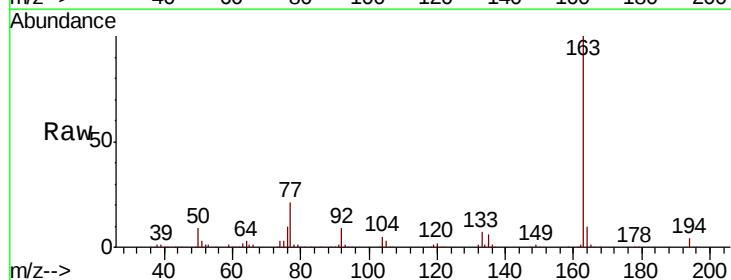
Tgt Ion:163 Resp: 852339

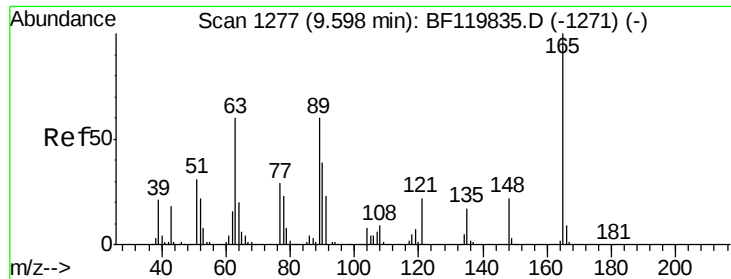
Ion Ratio Lower Upper

163 100

194 4.1 3.1 4.7

164 10.2 8.2 12.2





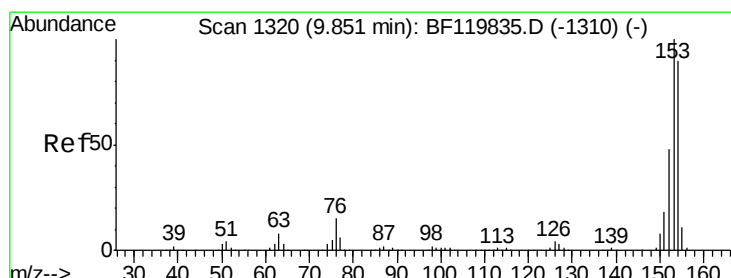
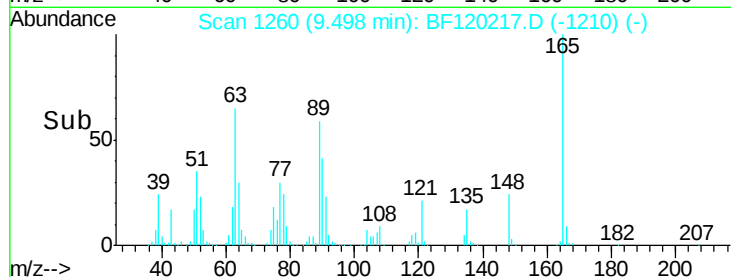
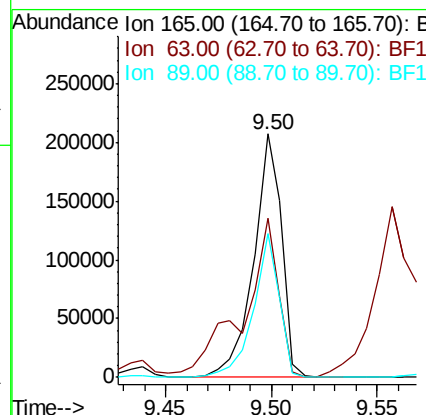
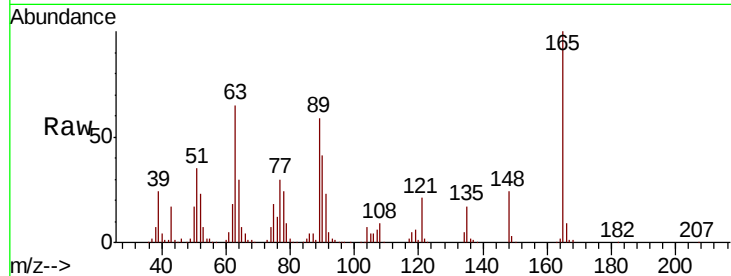
#51
2,6-Dinitrotoluene
Concen: 43.394 ng
RT: 9.50 min Scan# 1260
Delta R.T. -0.01 min
Lab File: BF120217.D
Acq: 27 Apr 2020 14:28

Instrument :
BNA_F
ClientSampleId :
PB128487BS

Tot Ion	Ratio	Resp Lower	Upper
165	100		
63	65.5	45.0	67.4
89	59.0	41.5	62.3

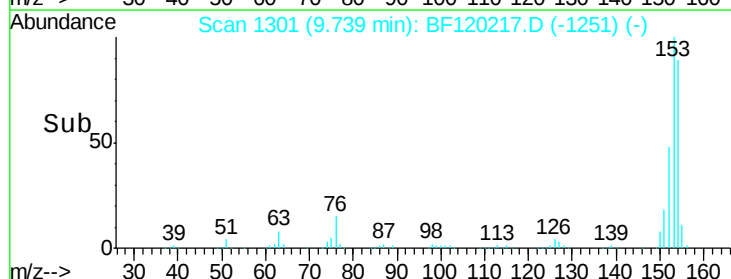
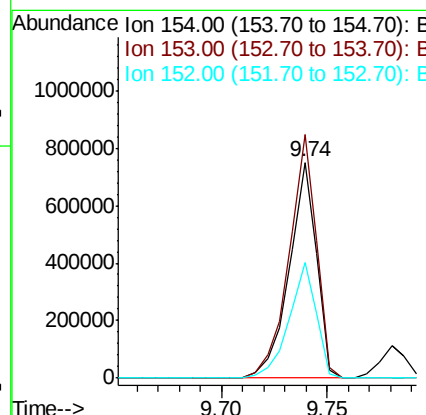
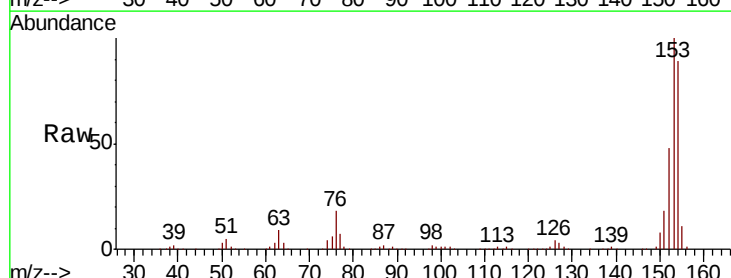
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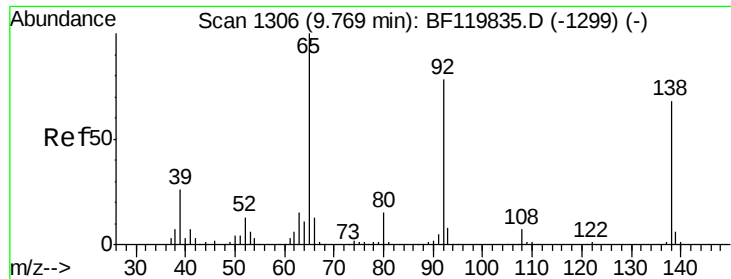
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#52
Acenaphthene
Concen: 39.830 ng
RT: 9.74 min Scan# 1301
Delta R.T. -0.01 min
Lab File: BF120217.D
Acq: 27 Apr 2020 14:28

Tgt Ion	Ratio	Resp Lower	Upper
154	100		
153	112.9	88.1	132.1
152	53.7	43.0	64.4





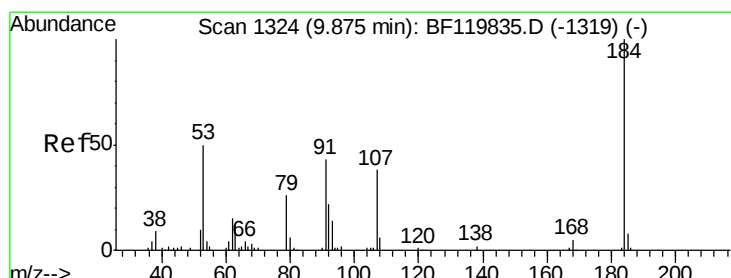
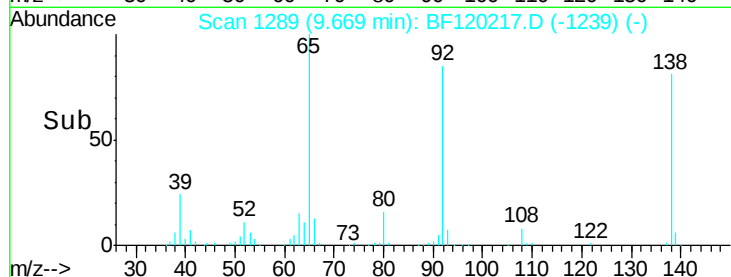
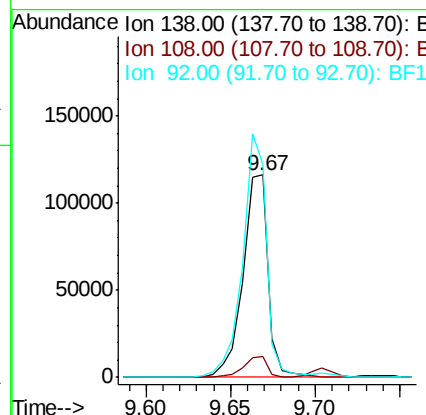
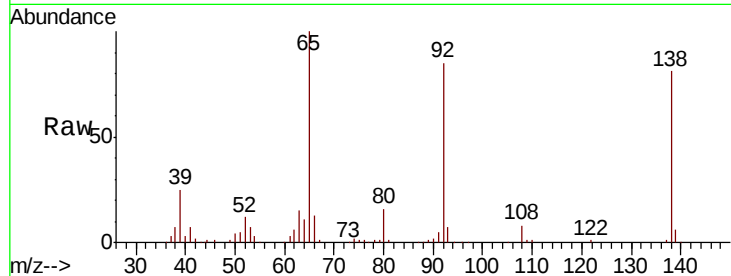
#53
3-Nitroaniline
Concen: 24.102 ng
RT: 9.67 min Scan# 1289
Delta R.T. -0.01 min
Lab File: BF120217.D
Acq: 27 Apr 2020 14:28

Instrument :
BNA_F
ClientSampleId :
PB128487BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.2	8.6	13.0
92	105.2	95.4	143.0

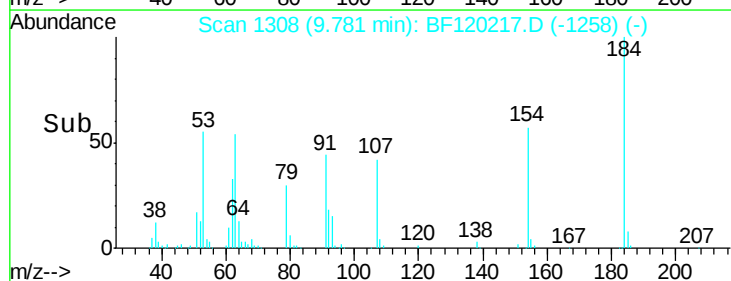
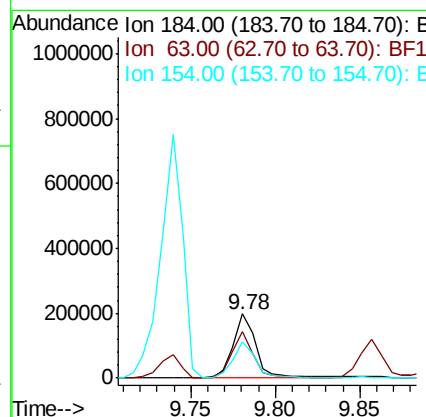
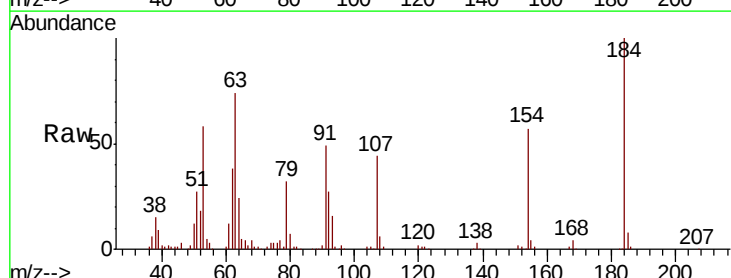
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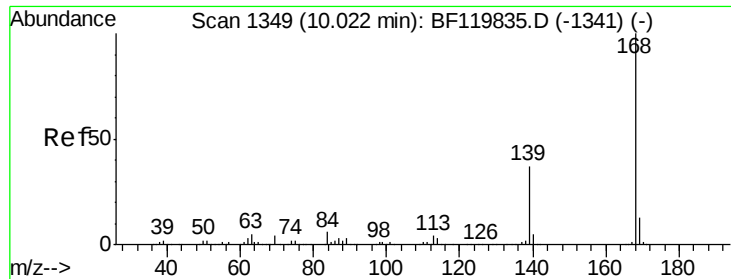
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#54
2,4-Dinitrophenol
Concen: 72.084 ng
RT: 9.78 min Scan# 1308
Delta R.T. -0.01 min
Lab File: BF120217.D
Acq: 27 Apr 2020 14:28

Tgt Ion	Ratio	Lower	Upper
184	100		
63	73.7	50.2	75.4
154	56.7	44.5	66.7





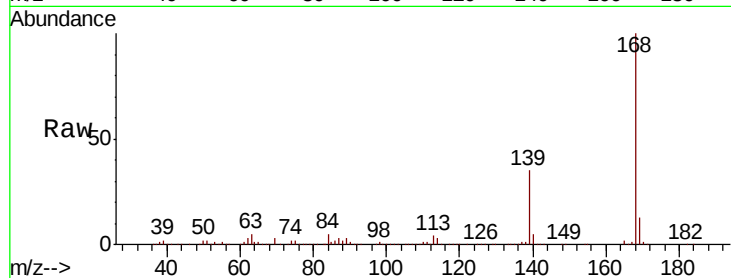
#55
Dibenzofuran
Concen: 44.023 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.00 min
Lab File: BF120217.D
Acq: 27 Apr 2020 14:28

Instrument :
BNA_F
ClientSampleId :
PB128487BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	35.2	30.1	45.1
169	12.8	11.0	16.6

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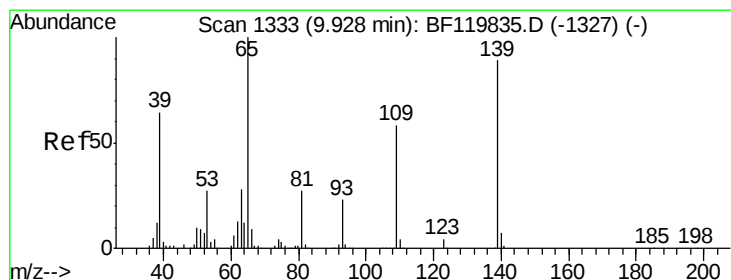
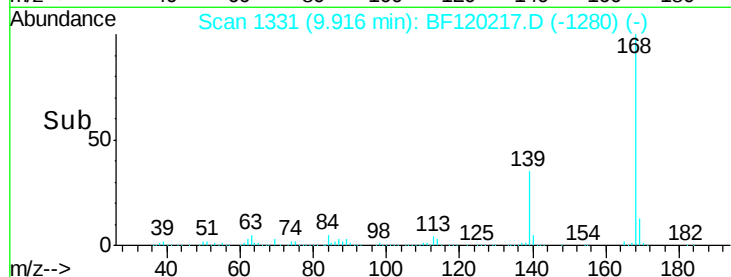
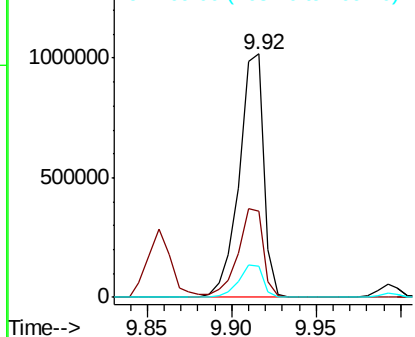


Abundance

Ion 168.00 (167.70 to 168.70): E

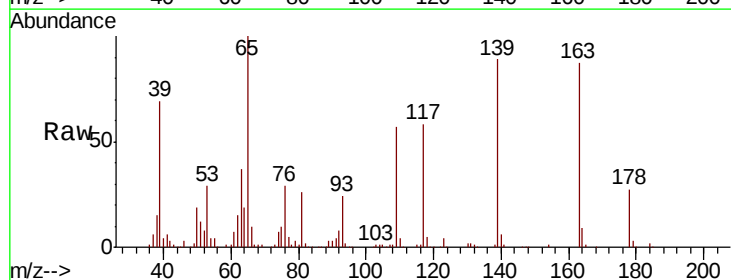
Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56
4-Nitrophenol
Concen: 74.420 ng
RT: 9.86 min Scan# 1321
Delta R.T. -0.00 min
Lab File: BF120217.D
Acq: 27 Apr 2020 14:28

Tgt Ion	Ratio	Lower	Upper
139	100		
109	64.7	43.3	83.3
65	112.6	91.0	131.0

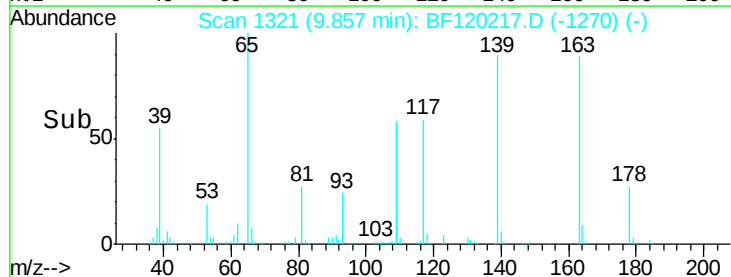
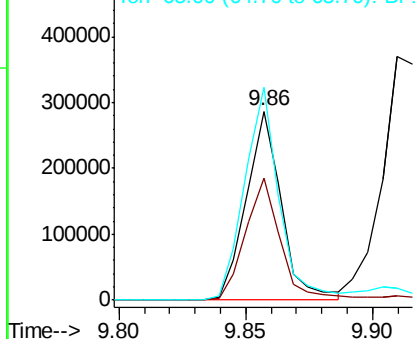


Abundance

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





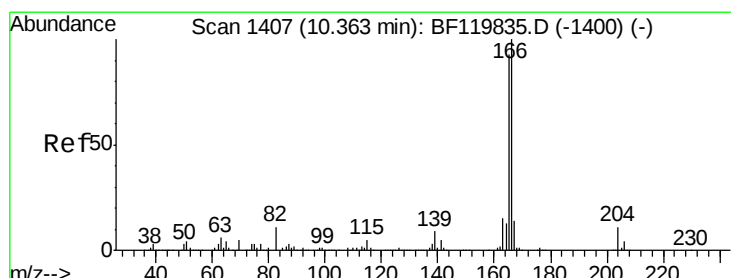
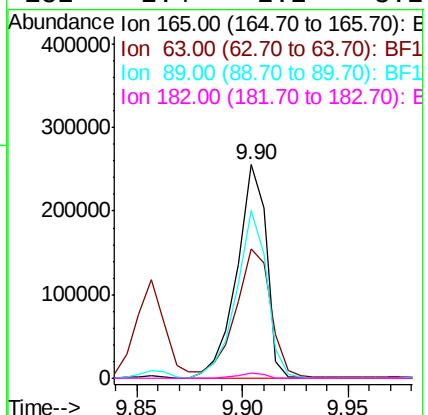
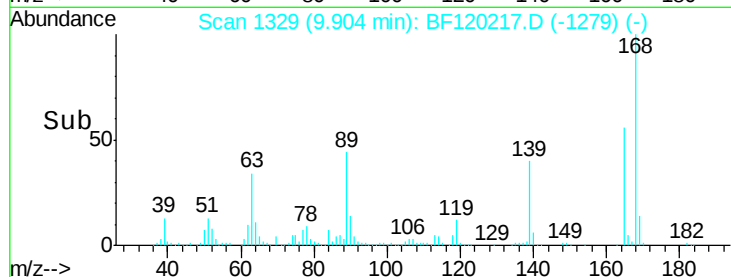
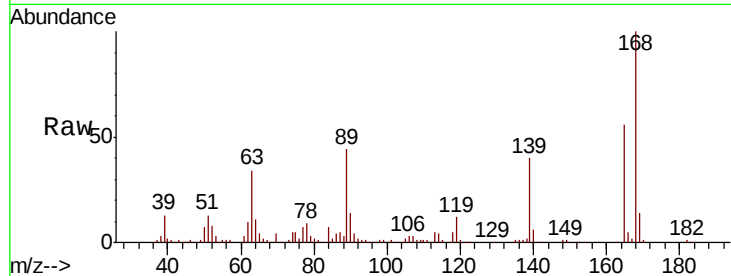
#57
2,4-Dinitrotoluene
Concen: 42.832 ng
RT: 9.90 min Scan# 1329
Delta R.T. -0.01 min
Lab File: BF120217.D
Acq: 27 Apr 2020 14:28

Instrument :
BNA_F
ClientSampleId :
PB128487BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	247756		
63	60.7	42.6	64.0	
89	78.3	61.0	91.4	
182	2.4	2.2	3.2	

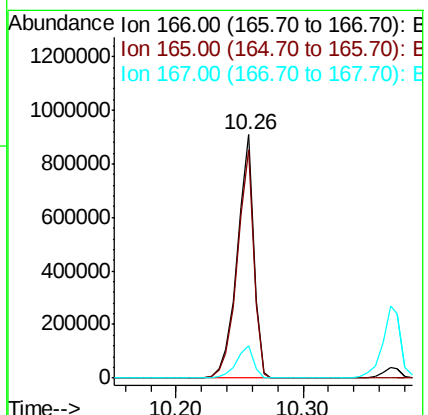
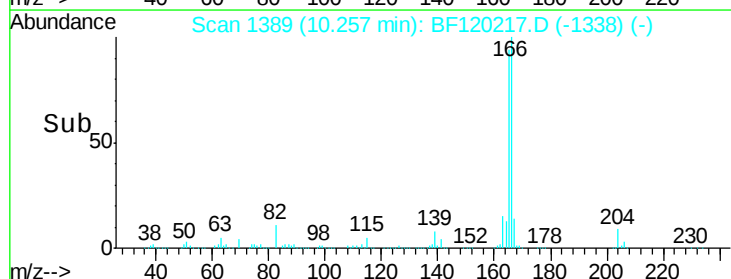
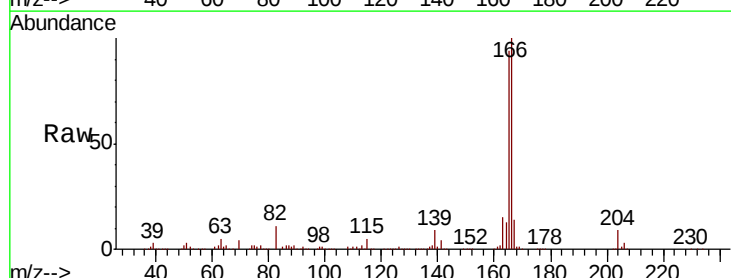
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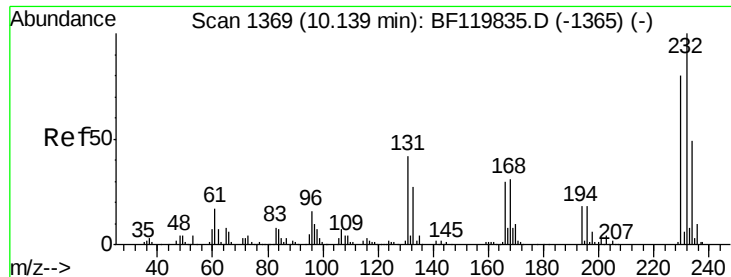
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#58
Fluorene
Concen: 43.131 ng
RT: 10.26 min Scan# 1389
Delta R.T. -0.00 min
Lab File: BF120217.D
Acq: 27 Apr 2020 14:28

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	809307		
165	94.0	75.4	113.2	
167	13.6	11.2	16.8	





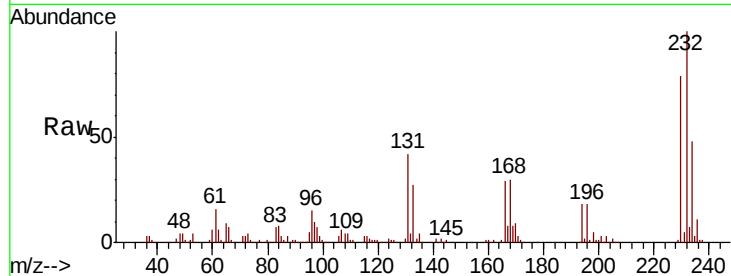
#59
2,3,4,6-Tetrachlorophenol
Concen: 43.208 ng
RT: 10.04 min Scan# 1352
Delta R.T. -0.00 min
Lab File: BF120217.D
Acq: 27 Apr 2020 14:28

Instrument :
BNA_F
ClientSampleId :
PB128487BS

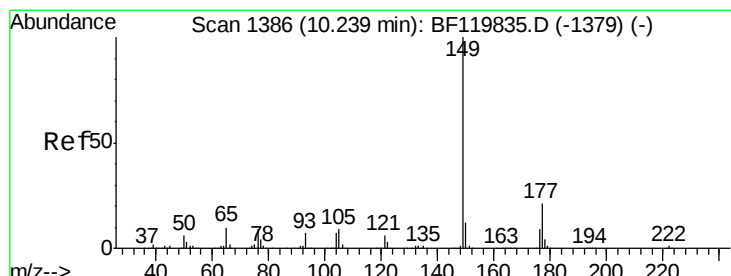
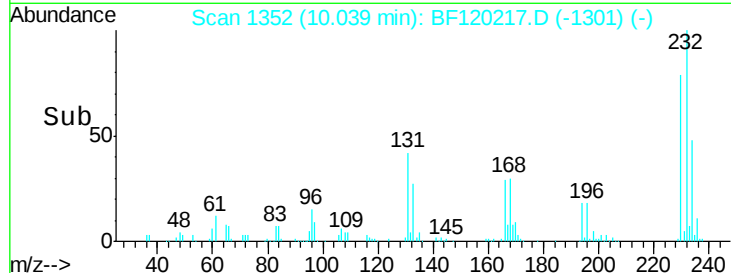
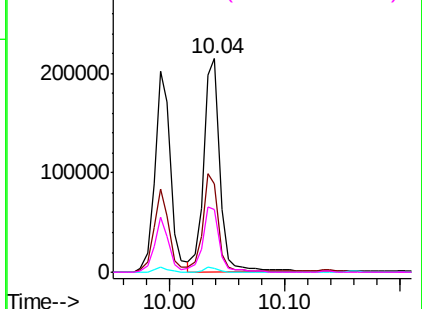
Tot Ion	Ratio	Lower	Upper
232	100		
131	45.0	37.5	56.3
130	2.2	1.8	2.6
166	31.7	24.6	36.8

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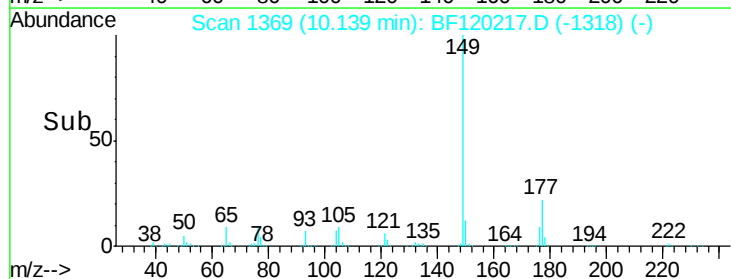
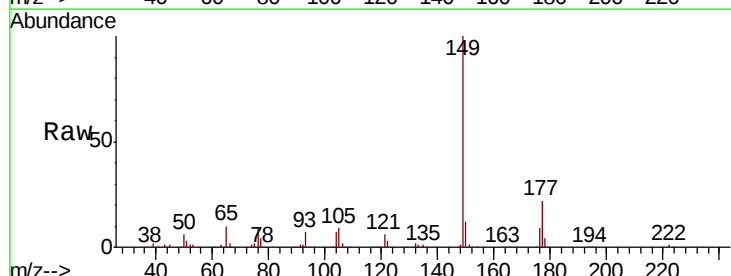
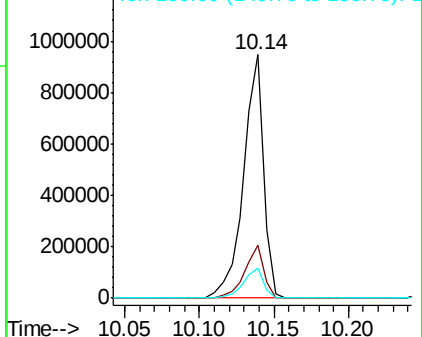
Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

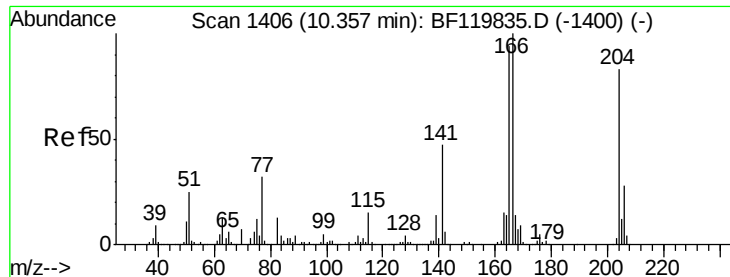


#60
Diethylphthalate
Concen: 42.271 ng
RT: 10.14 min Scan# 1369
Delta R.T. -0.00 min
Lab File: BF120217.D
Acq: 27 Apr 2020 14:28

Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.7	17.0	25.6
150	12.3	10.1	15.1

Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E





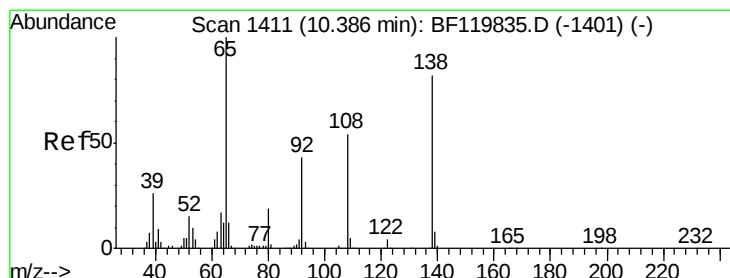
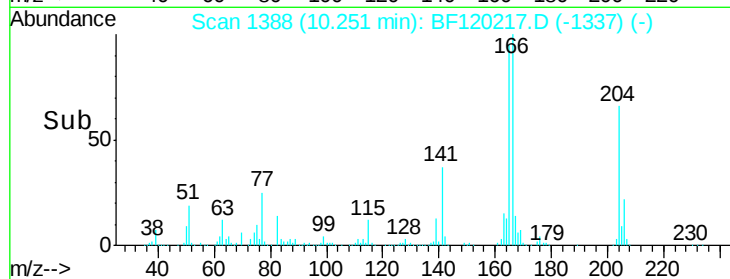
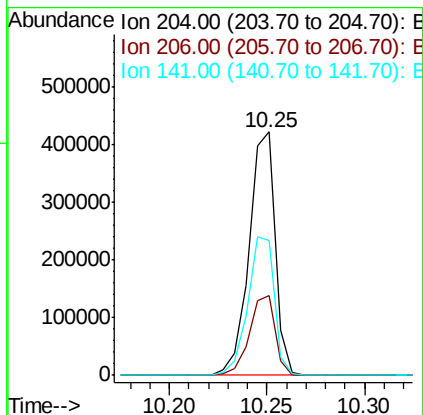
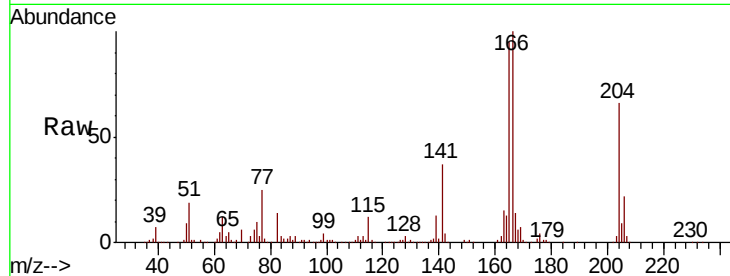
#61
 4-Chlorophenyl-phenylether
 Concen: 40.851 ng
 RT: 10.25 min Scan# 1388
 Delta R.T. -0.00 min
 Lab File: BF120217.D
 Acq: 27 Apr 2020 14:28

Instrument :
 BNA_F
 ClientSampleId :
 PB128487BS

Tot Ion:	204	Resp:	392867
Ion Ratio	Lower	Upper	
204	100		
206	32.8	26.7	40.1
141	55.4	47.3	70.9

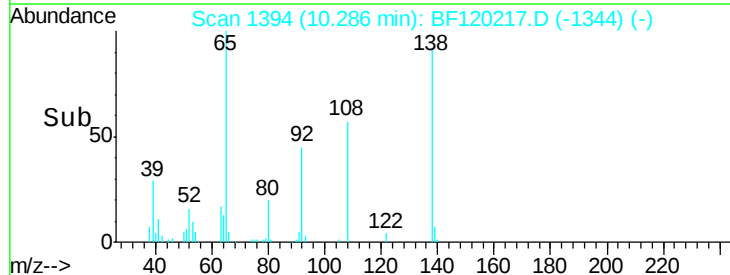
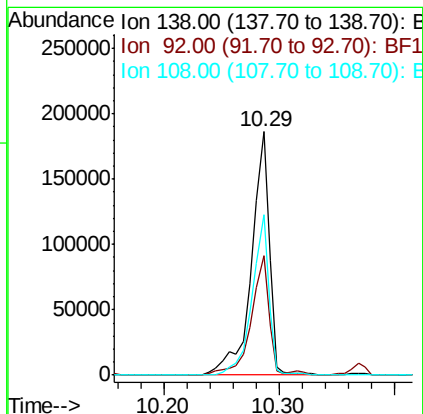
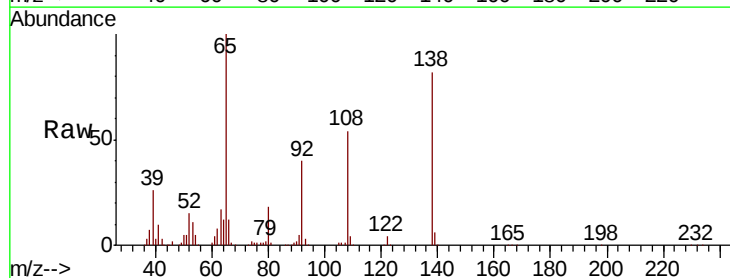
Manual Integrations
 APPROVED

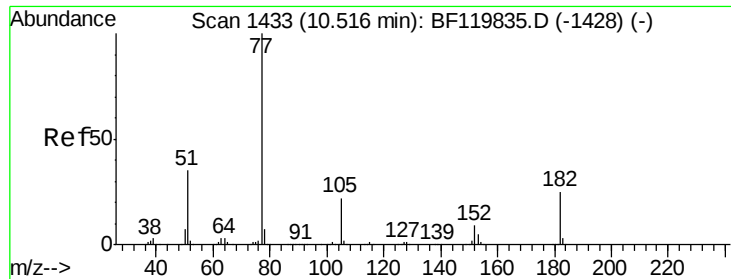
mohammad
 4/28/2020 11:08:32 PM



#62
 4-Nitroaniline
 Concen: 42.306 ng
 RT: 10.29 min Scan# 1394
 Delta R.T. -0.01 min
 Lab File: BF120217.D
 Acq: 27 Apr 2020 14:28

Tgt Ion:	138	Resp:	202161
Ion Ratio	Lower	Upper	
138	100		
92	49.2	31.5	71.5
108	65.8	45.8	85.8





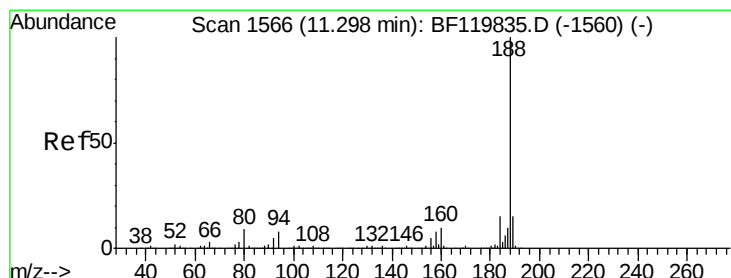
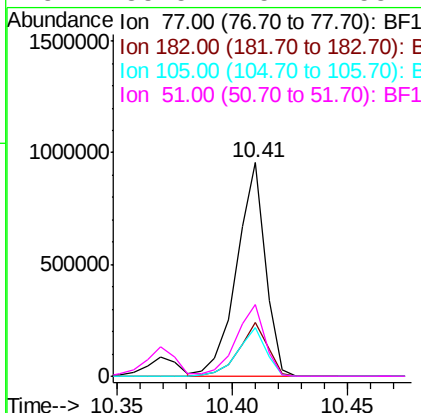
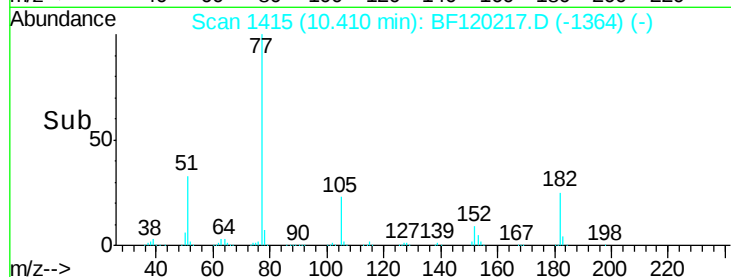
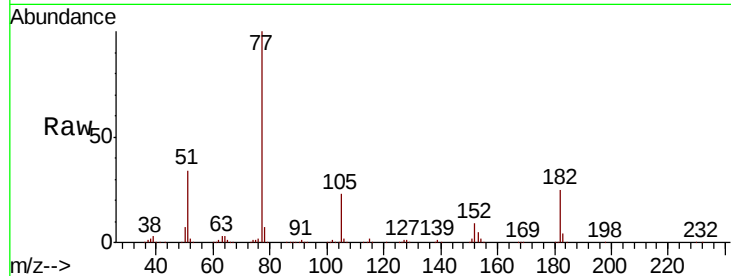
#63
Azobenzene
Concen: 44.471 ng
RT: 10.41 min Scan# 1415
Delta R.T. -0.00 min
Lab File: BF120217.D
Acq: 27 Apr 2020 14:28

Instrument :
BNA_F
ClientSampleId :
PB128487BS

Tot Ion	Ratio	Resp	Lower	Upper
77	100			
182	25.1	4.4	44.4	
105	22.9	2.6	42.6	
51	33.5	15.1	55.1	

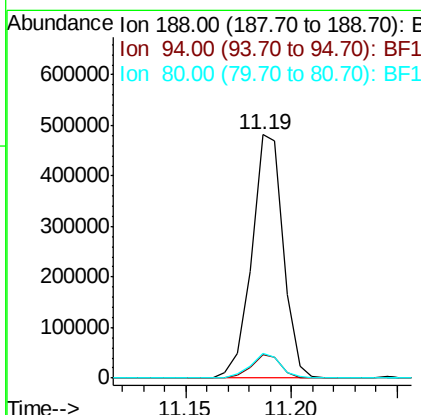
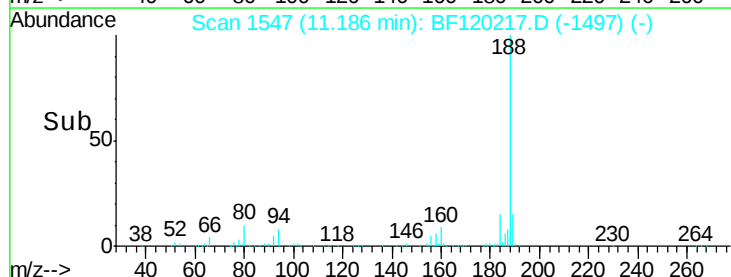
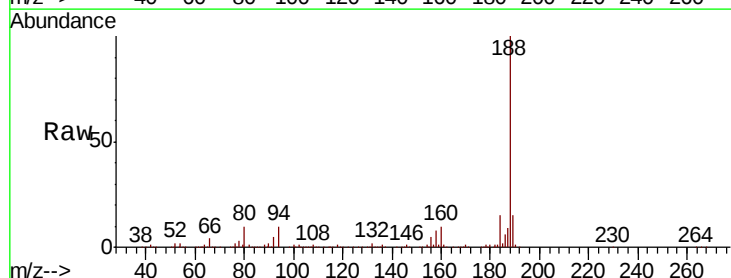
Manual Integrations
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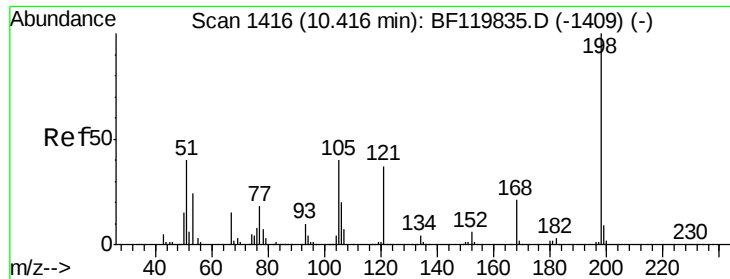
mohammad
4/28/2020 11:08:32 PM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.19 min Scan# 1547
Delta R.T. -0.01 min
Lab File: BF120217.D
Acq: 27 Apr 2020 14:28

Tgt Ion	Ratio	Resp	Lower	Upper
188	100			
94	9.7	7.5	11.3	
80	10.2	9.0	13.4	





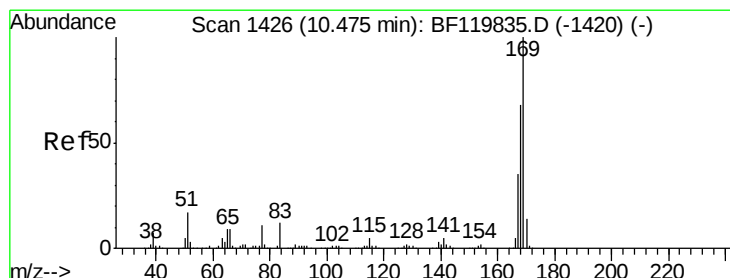
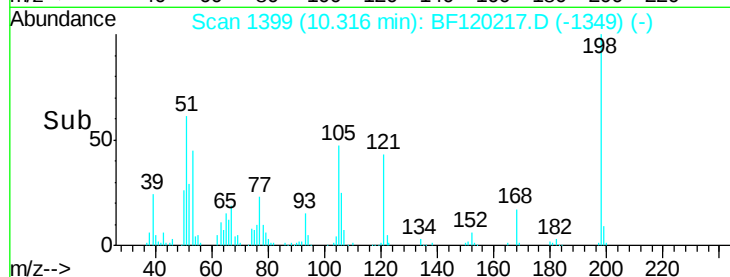
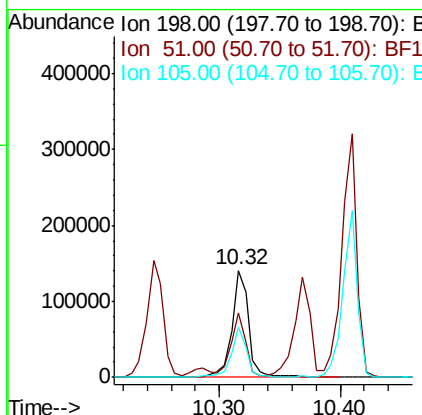
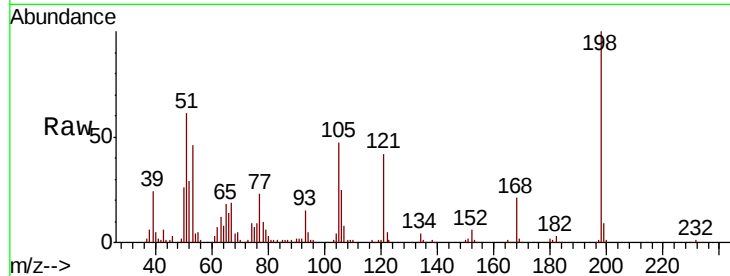
#65
4,6-Dinitro-2-methylphenol
Concen: 41.074 ng
RT: 10.32 min Scan# 1399
Delta R.T. -0.01 min
Lab File: BF120217.D
Acq: 27 Apr 2020 14:28

Instrument :
BNA_F
ClientSampled :
PB128487BS

Tot Ion	Ratio	Lower	Upper
198	100		
51	60.8	29.0	69.0
105	47.0	22.2	62.2

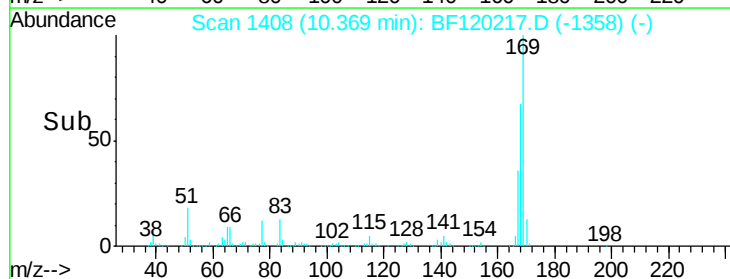
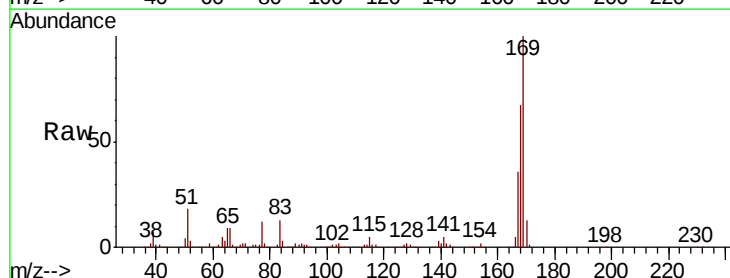
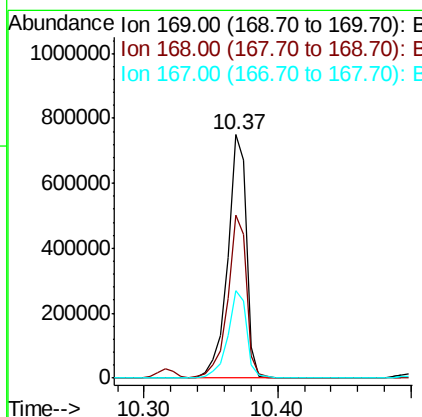
Manual Integrations
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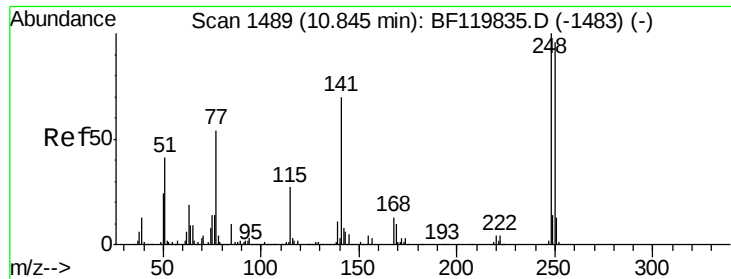
mohammad
4/28/2020 11:08:32 PM



#66
n-Nitrosodiphenylamine
Concen: 44.682 ng
RT: 10.37 min Scan# 1408
Delta R.T. -0.01 min
Lab File: BF120217.D
Acq: 27 Apr 2020 14:28

Tgt Ion	Ratio	Lower	Upper
169	100		
168	66.9	53.2	79.8
167	35.9	29.1	43.7





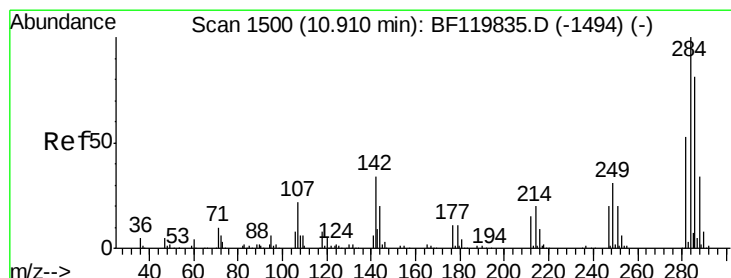
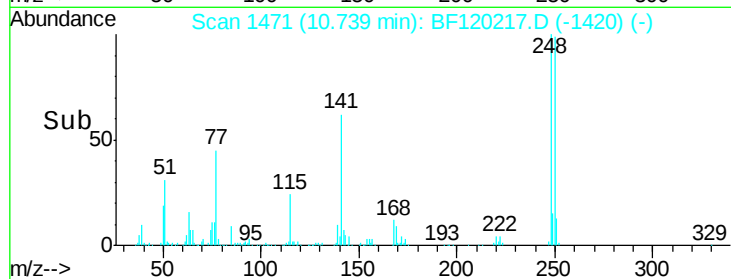
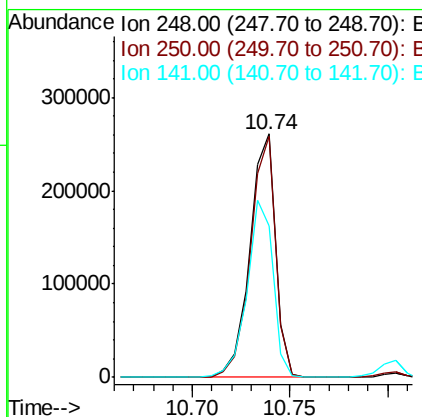
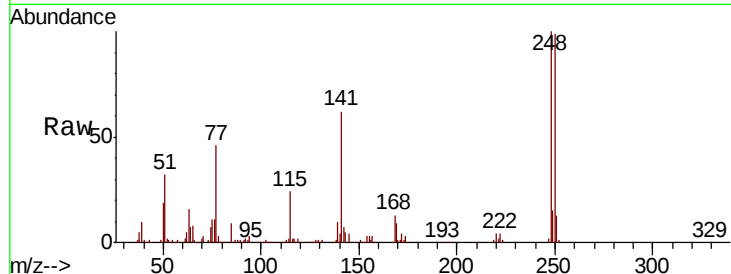
#67
 4-Bromophenyl-phenylether
 Concen: 38.449 ng
 RT: 10.74 min Scan# 1471
 Delta R.T. -0.00 min
 Lab File: BF120217.D
 Acq: 27 Apr 2020 14:28

Instrument :
 BNA_F
 ClientSampleId :
 PB128487BS

Tot Ion:	248	Resp:	239431
Ion Ratio	Lower	Upper	
248	100		
250	99.1	77.3	115.9
141	62.4	58.6	87.8

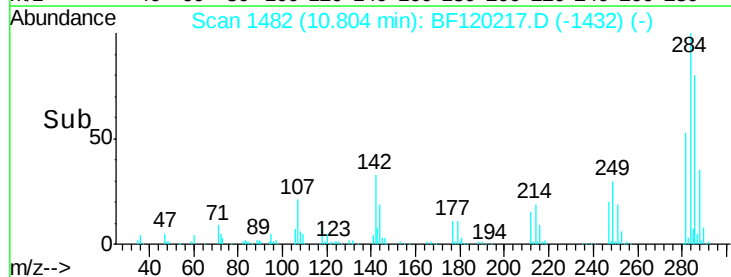
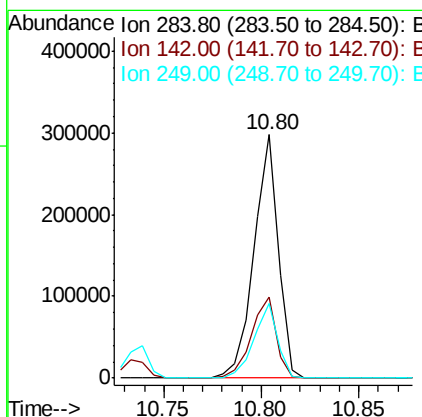
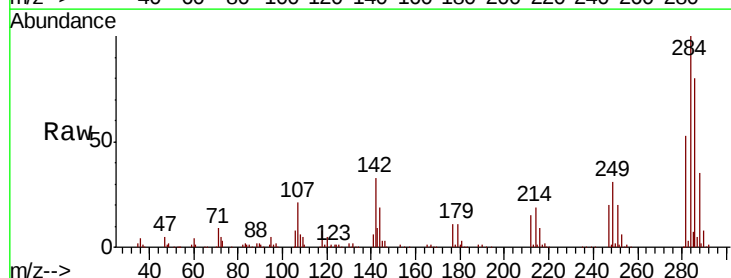
Manual Integrations
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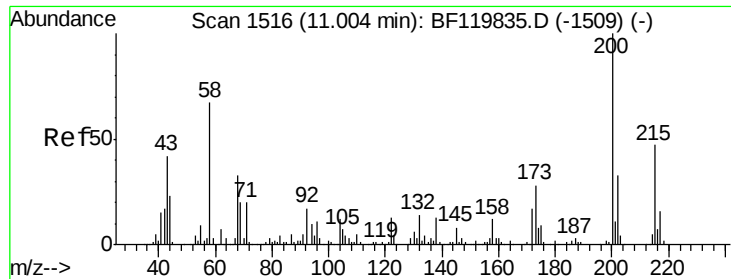
mohammad
 4/28/2020 11:08:32 PM



#68
 Hexachlorobenzene
 Concen: 40.526 ng
 RT: 10.80 min Scan# 1482
 Delta R.T. -0.01 min
 Lab File: BF120217.D
 Acq: 27 Apr 2020 14:28

Tgt Ion:	284	Resp:	256016
Ion Ratio	Lower	Upper	
284	100		
142	33.2	29.2	43.8
249	30.5	25.1	37.7





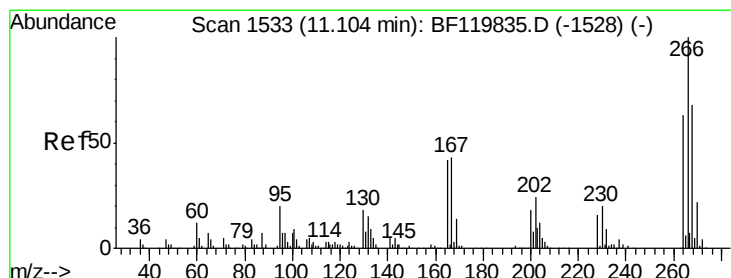
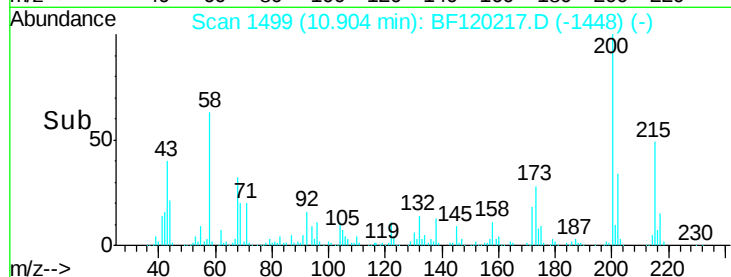
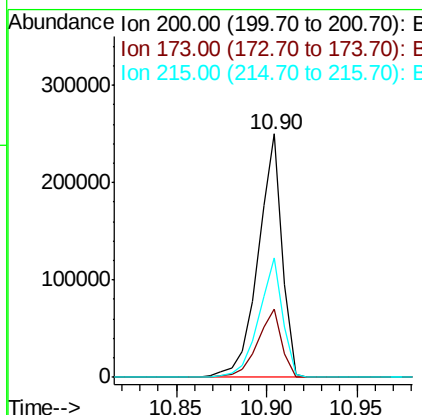
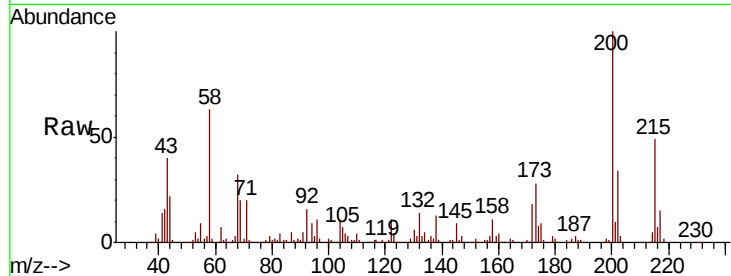
#69
Atrazine
Concen: 49.311 ng
RT: 10.90 min Scan# 1499
Delta R.T. -0.00 min
Lab File: BF120217.D
Acq: 27 Apr 2020 14:28

Instrument :
BNA_F
ClientSampleId :
PB128487BS

Tot Ion	Ratio	Lower	Upper
200	100		
173	28.0	9.3	49.3
215	48.9	29.5	69.5

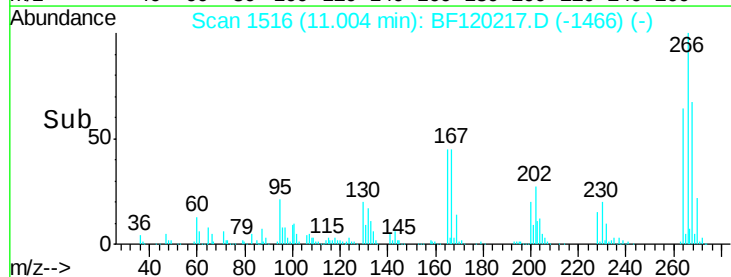
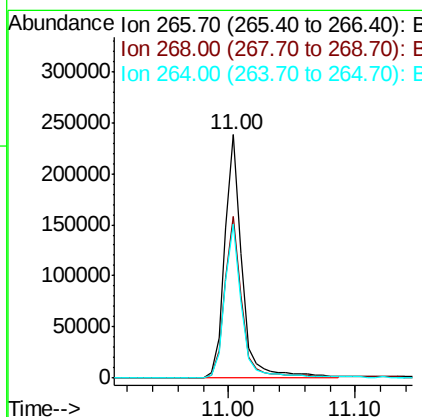
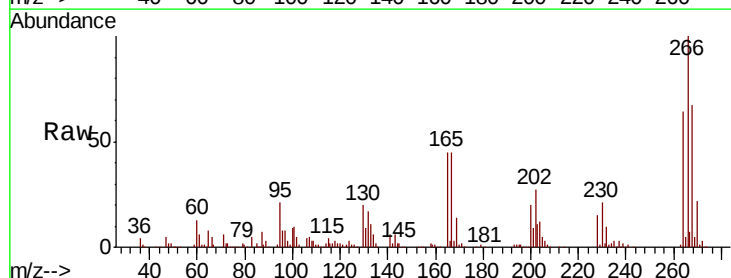
Manual Integrations
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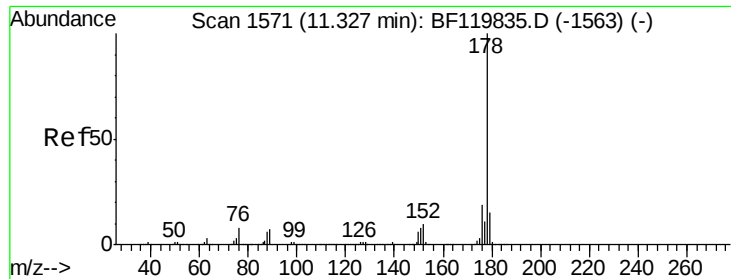
mohammad
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#70
Pentachlorophenol
Concen: 62.500 ng
RT: 11.00 min Scan# 1516
Delta R.T. -0.01 min
Lab File: BF120217.D
Acq: 27 Apr 2020 14:28

Tgt Ion	Ratio	Lower	Upper
266	100		
268	66.5	53.3	79.9
264	63.5	49.0	73.4





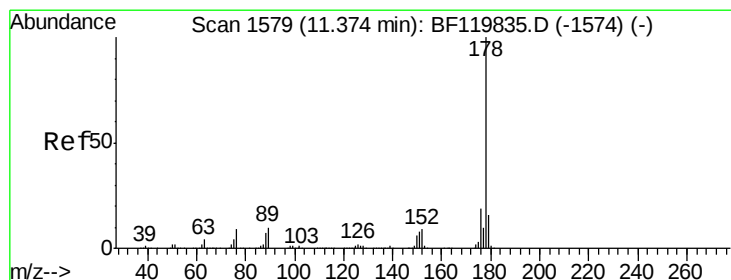
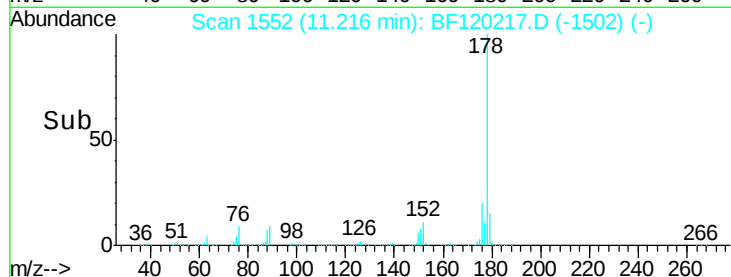
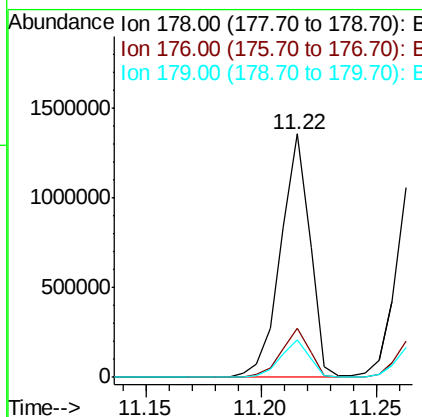
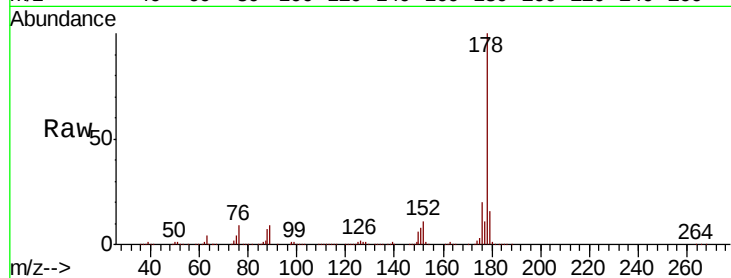
#71
Phenanthrene
Concen: 44.344 ng
RT: 11.22 min Scan# 1552
Delta R.T. -0.01 min
Lab File: BF120217.D
Acq: 27 Apr 2020 14:28

Instrument :
BNA_F
ClientSampleId :
PB128487BS

Tot Ion:178 Resp: 1181766
Ion Ratio Lower Upper
178 100
176 19.9 16.2 24.4
179 15.6 13.2 19.8

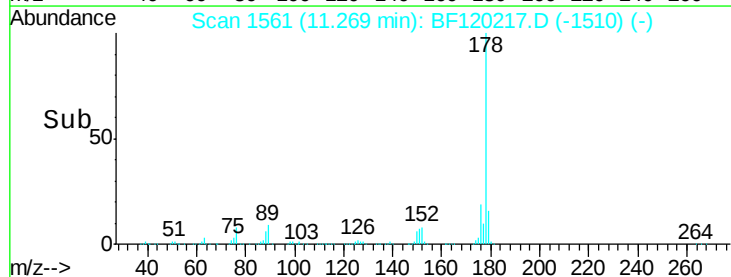
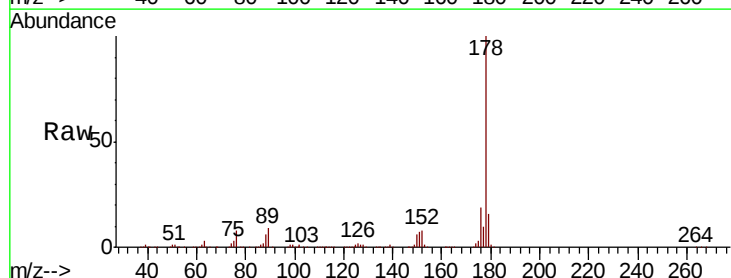
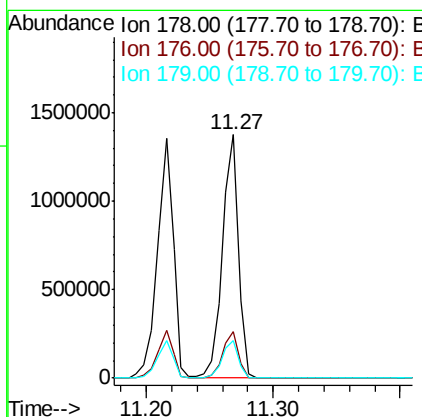
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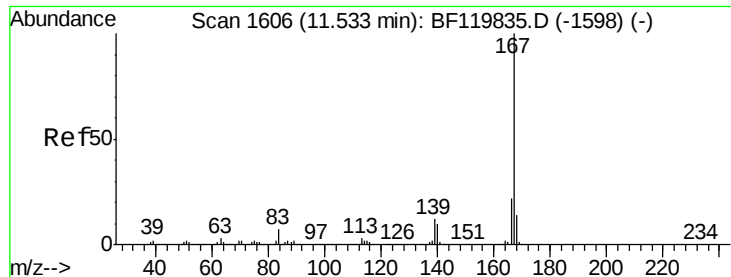
mohammad
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#72
Anthracene
Concen: 44.764 ng
RT: 11.27 min Scan# 1561
Delta R.T. -0.00 min
Lab File: BF120217.D
Acq: 27 Apr 2020 14:28

Tgt Ion:178 Resp: 1218695
Ion Ratio Lower Upper
178 100
176 19.1 16.1 24.1
179 15.6 13.0 19.4





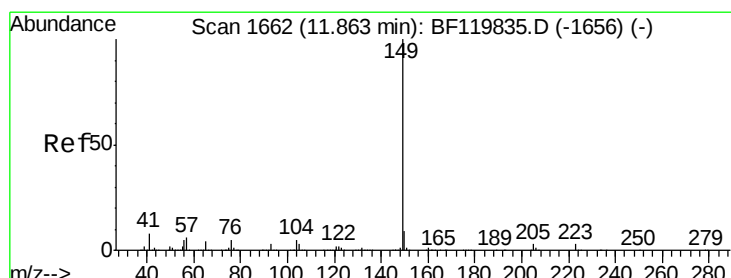
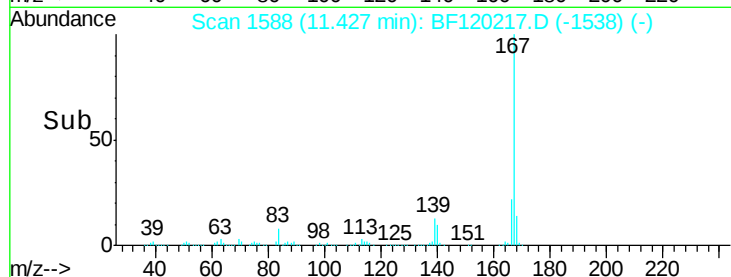
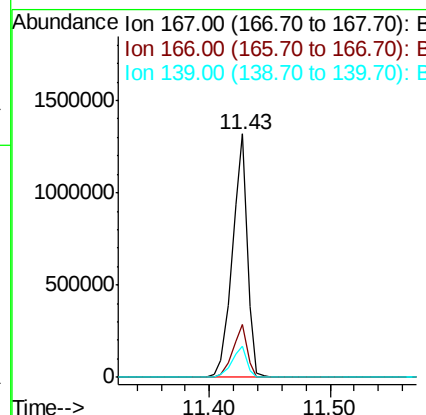
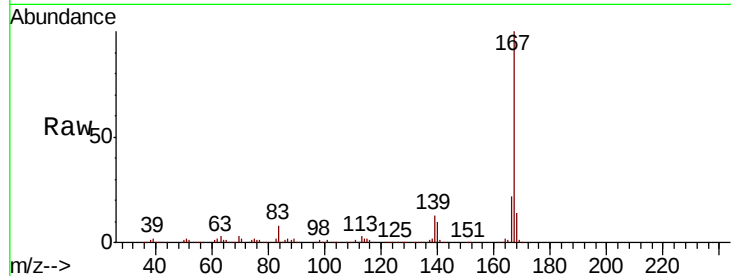
#73
 Carbazole
 Concen: 43.725 ng
 RT: 11.43 min Scan# 1588
 Delta R.T. -0.01 min
 Lab File: BF120217.D
 Acq: 27 Apr 2020 14:28

Instrument :
 BNA_F
 ClientSampleId :
 PB128487BS

Tot Ion	Ion	Ratio	Lower	Upper
167	100			
166	21.7	18.2	27.4	
139	12.6	10.7	16.1	

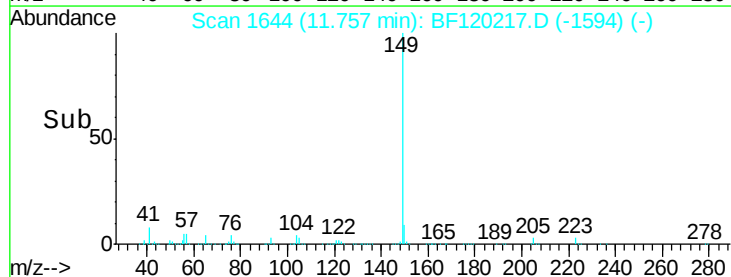
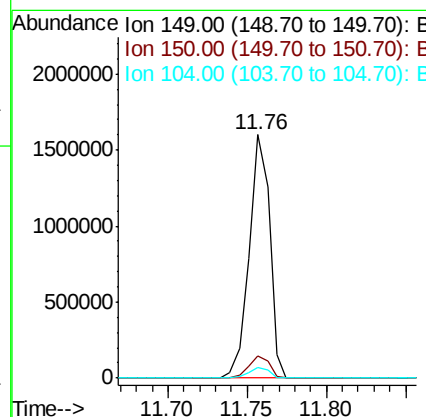
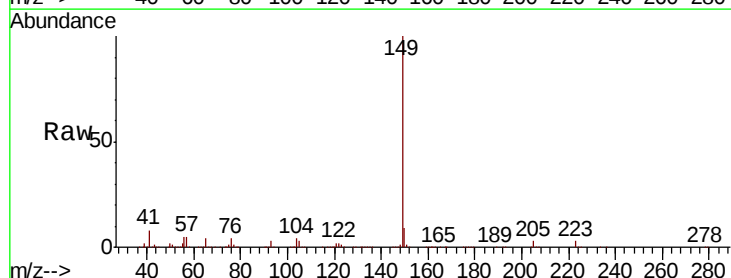
Manual Integrations
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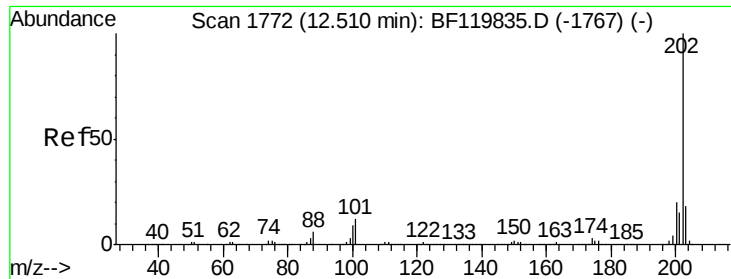
mohammad
 4/28/2020 11:08:32 PM



#74
 Di-n-butylphthalate
 Concen: 42.211 ng
 RT: 11.76 min Scan# 1644
 Delta R.T. -0.01 min
 Lab File: BF120217.D
 Acq: 27 Apr 2020 14:28

Tgt Ion	Ion	Ratio	Lower	Upper
149	100			
150	9.3	7.8	11.8	
104	4.4	3.6	5.4	





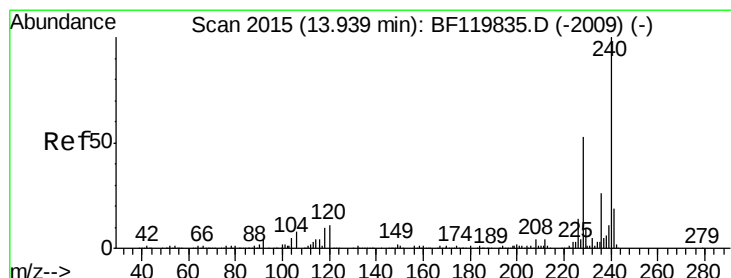
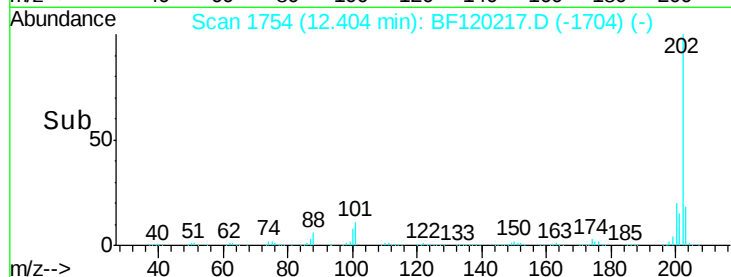
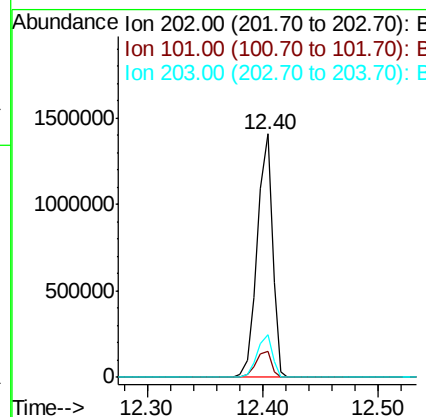
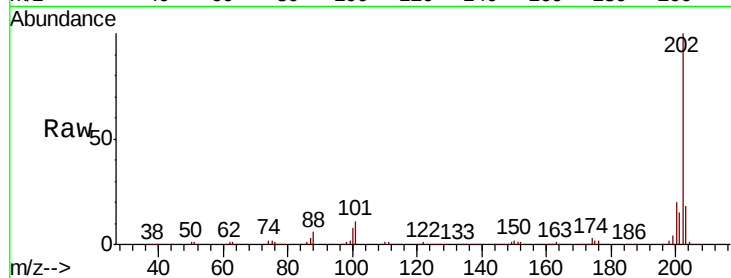
#75
Fluoranthene
Concen: 45.186 ng
RT: 12.40 min Scan# 1754
Delta R.T. -0.01 min
Lab File: BF120217.D
Acq: 27 Apr 2020 14:28

Instrument :
BNA_F
ClientSampleId :
PB128487BS

Tot Ion	Ratio	Resp	Lower	Upper
202	100	1299335		
101	10.9		0.0	32.2
203	17.8		0.0	38.8

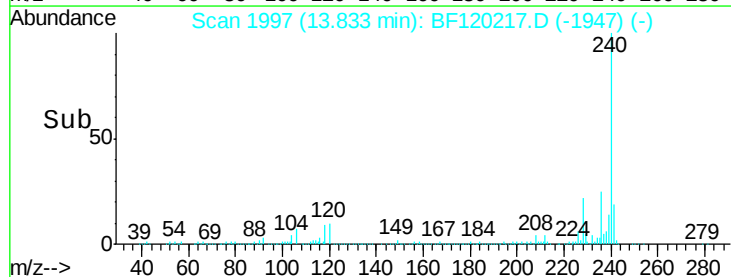
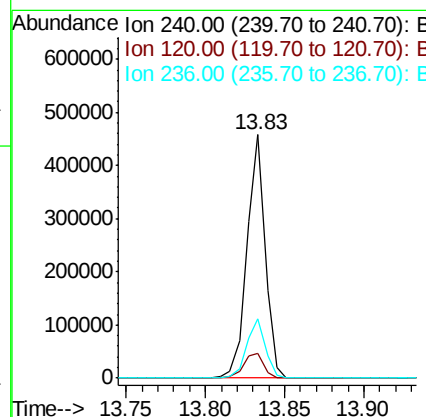
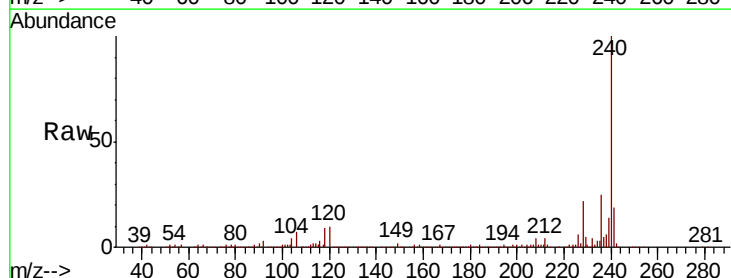
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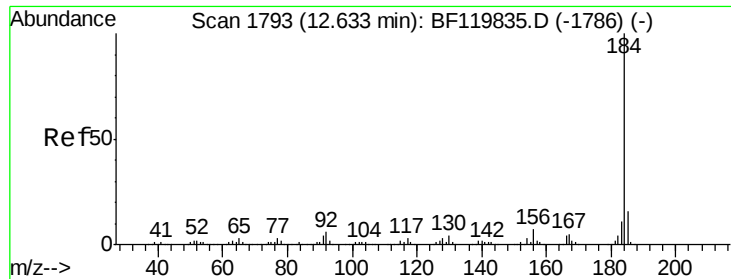
mohammad
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#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.83 min Scan# 1997
Delta R.T. -0.01 min
Lab File: BF120217.D
Acq: 27 Apr 2020 14:28

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	363241		
120	10.1		10.6	15.8#
236	24.6		20.2	30.2





#77

Benzidine

Concen: 57.971 ng

RT: 12.53 min Scan# 1775

Delta R.T. -0.01 min

Lab File: BF120217.D

Acq: 27 Apr 2020 14:28

Instrument :

BNA_F

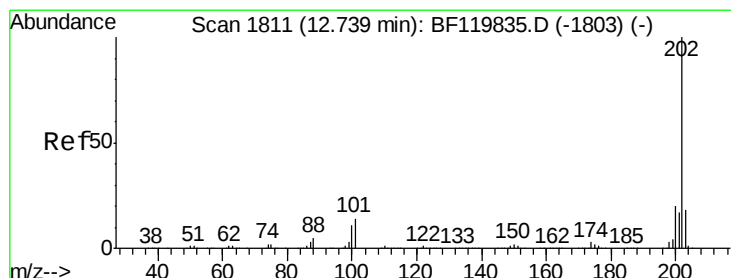
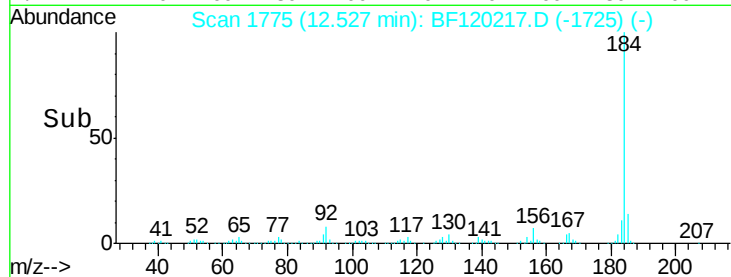
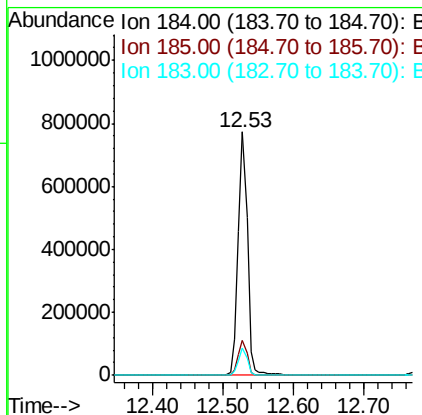
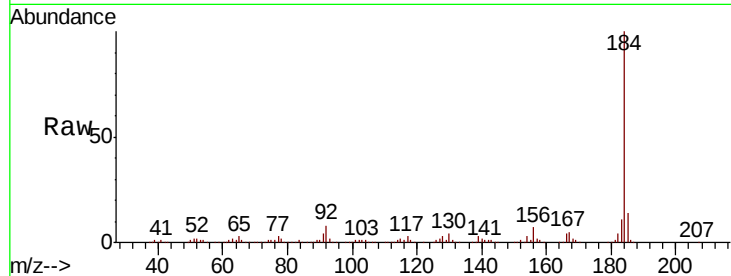
ClientSampleId :

PB128487BS

Tot Ion:	184	Resp:	711799
Ion Ratio	Lower	Upper	
184	100		
185	14.3	12.3	18.5
183	11.2	9.0	13.6

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#78

Pyrene

Concen: 41.813 ng

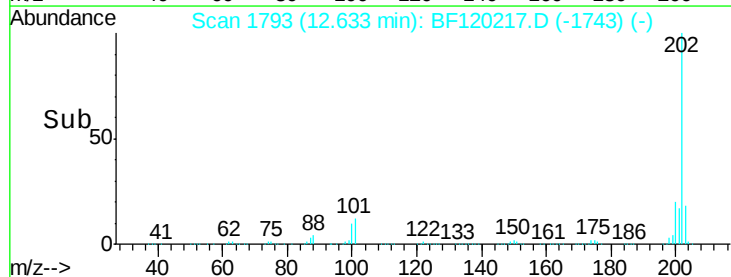
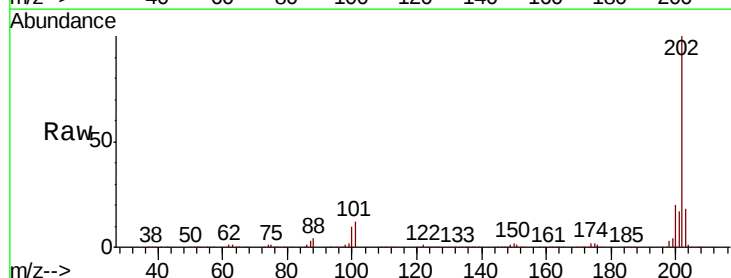
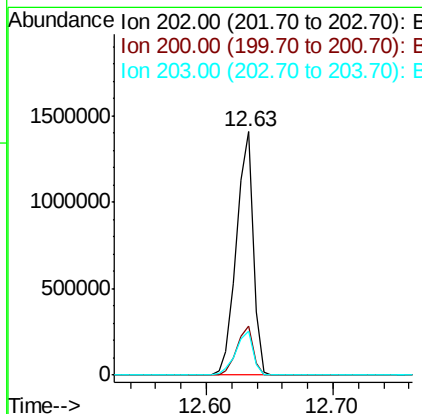
RT: 12.63 min Scan# 1793

Delta R.T. -0.01 min

Lab File: BF120217.D

Acq: 27 Apr 2020 14:28

Tgt Ion:	202	Resp:	1280393
Ion Ratio	Lower	Upper	
202	100		
200	20.3	16.8	25.2
203	17.8	15.1	22.7





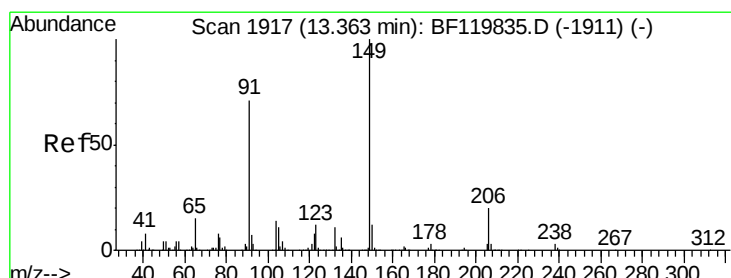
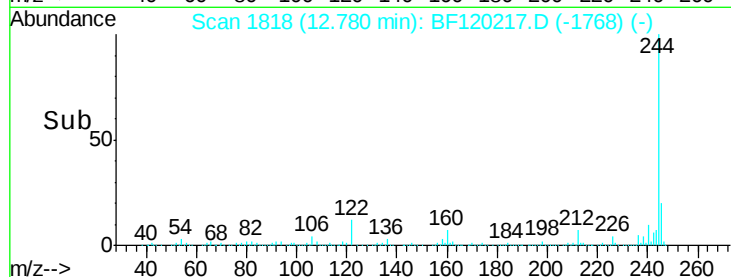
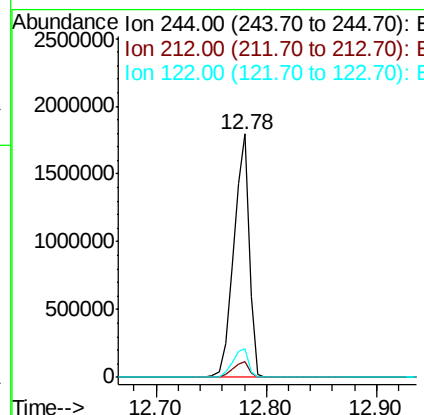
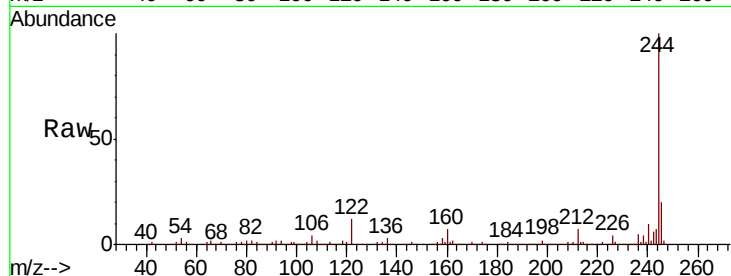
#79
 Terphenyl-d14
 Concen: 81.385 ng
 RT: 12.78 min Scan# 1818
 Delta R.T. -0.01 min
 Lab File: BF120217.D
 Acq: 27 Apr 2020 14:28

Instrument :
 BNA_F
 ClientSampleId :
 PB128487BS

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.8	8.8
122	12.0	10.3	15.5

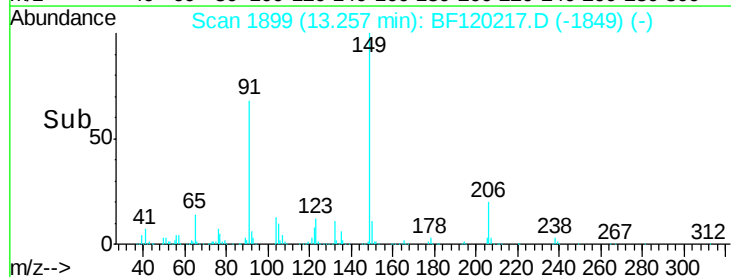
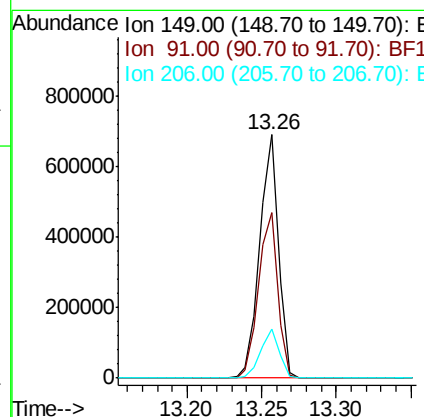
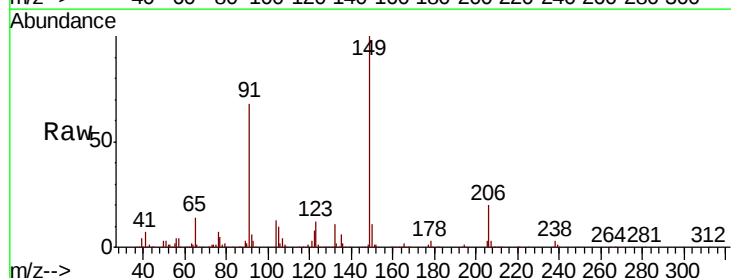
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#80
 Butylbenzylphthalate
 Concen: 40.049 ng
 RT: 13.26 min Scan# 1899
 Delta R.T. -0.01 min
 Lab File: BF120217.D
 Acq: 27 Apr 2020 14:28

Tgt Ion	Ratio	Lower	Upper
149	100		
91	67.9	54.7	82.1
206	20.1	16.2	24.2





#81

Benzo(a)anthracene

Concen: 42.648 ng

RT: 13.82 min Scan# 1995

Delta R.T. -0.01 min

Lab File: BF120217.D

Acq: 27 Apr 2020 14:28

Instrument :

BNA_F

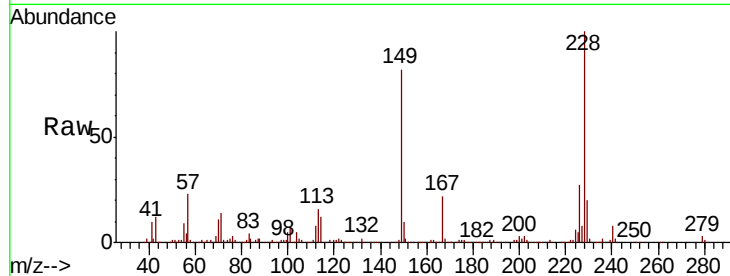
ClientSampleId :

PB128487BS

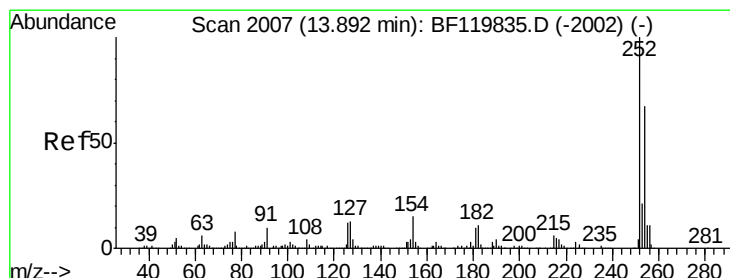
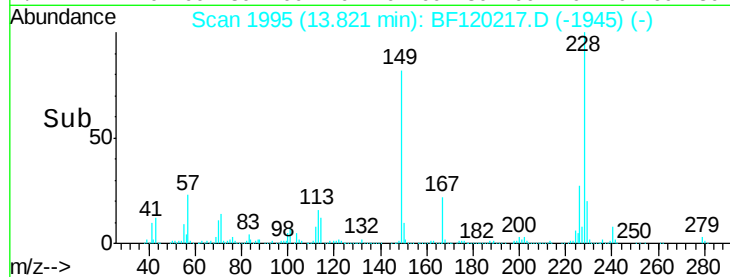
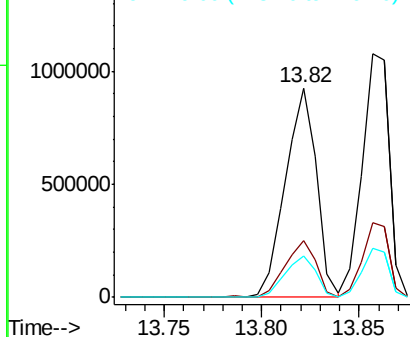
Tot Ion:	228	Resp:	1019118
Ion	Ratio	Lower	Upper
228	100		
226	27.1	21.8	32.8
229	19.7	16.2	24.4

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Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 29.876 ng

RT: 13.79 min Scan# 1989

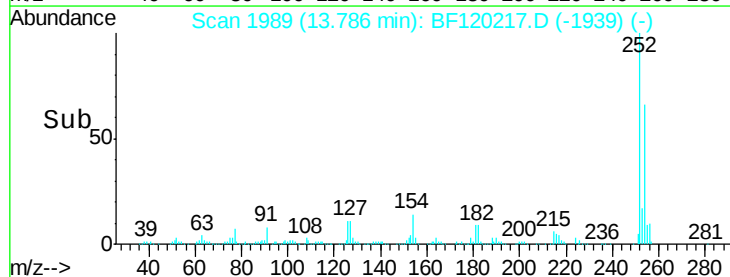
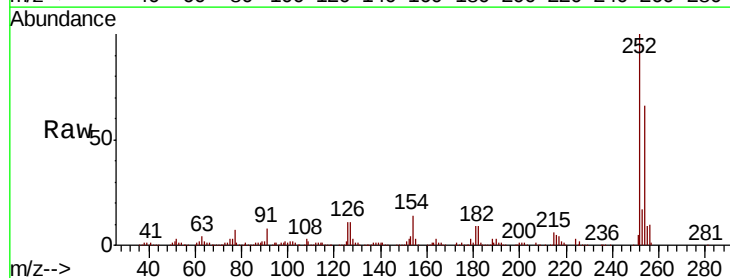
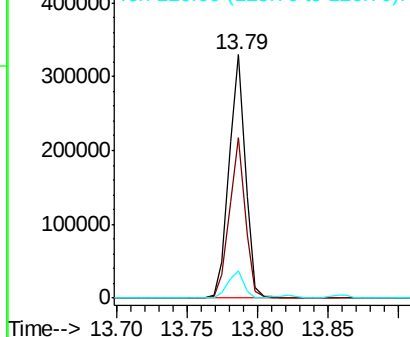
Delta R.T. -0.01 min

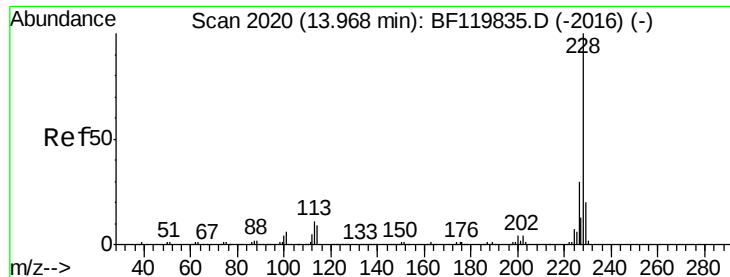
Lab File: BF120217.D

Acq: 27 Apr 2020 14:28

Tgt Ion:	252	Resp:	266378
Ion	Ratio	Lower	Upper
252	100		
254	65.6	51.2	76.8
126	11.5	9.6	14.4

Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E





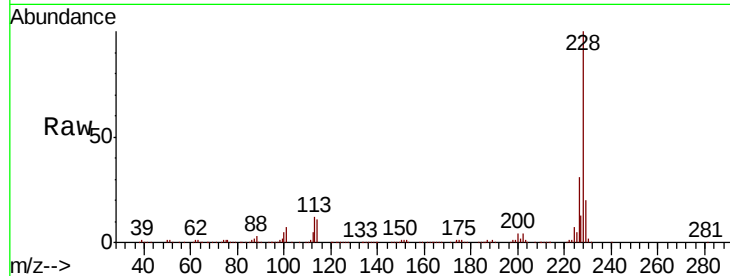
#83
 Chrvsene
 Concen: 42.762 ng
 RT: 13.86 min Scan# 2001
 Delta R.T. -0.01 min
 Lab File: BF120217.D
 Acq: 27 Apr 2020 14:28

Instrument :
 BNA_F
 ClientSampleId :
 PB128487BS

Tot Ion	Ion	Ratio	Lower	Upper
228	100			
226	30.5	25.4	38.0	
229	20.0	16.6	24.8	

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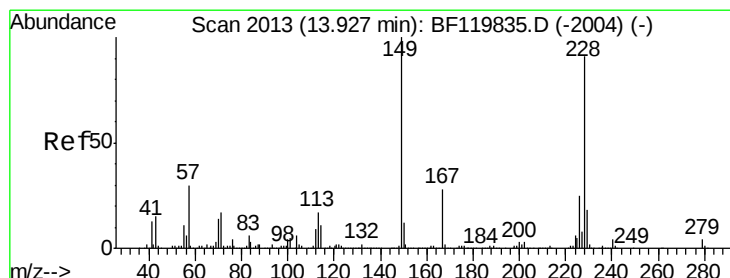
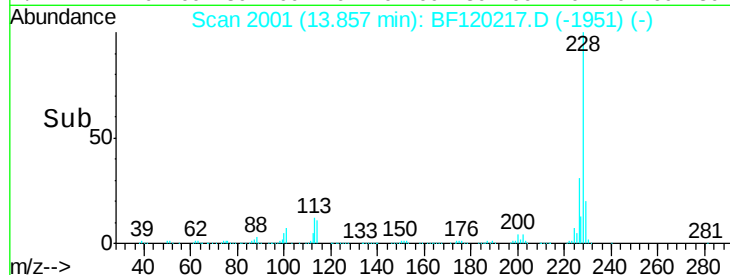
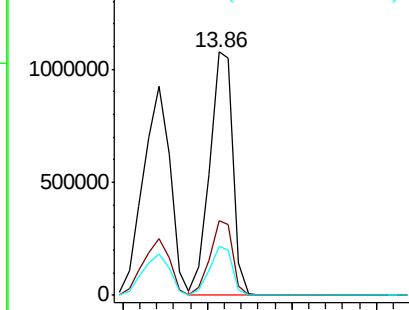


Abundance

Ion 228.00 (227.70 to 228.70): E

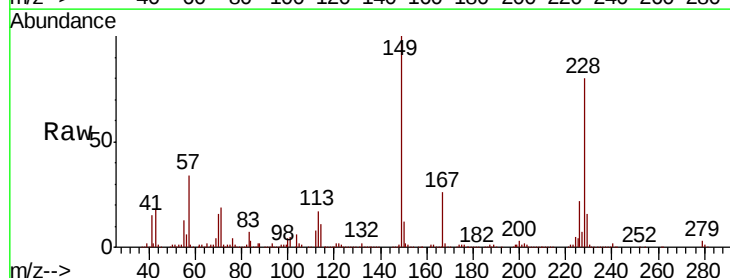
Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 40.479 ng
 RT: 13.82 min Scan# 1994
 Delta R.T. -0.01 min
 Lab File: BF120217.D
 Acq: 27 Apr 2020 14:28

Tgt Ion	Ion	Ratio	Lower	Upper
149	100			
167	25.9	21.3	31.9	
279	3.1	2.7	4.1	

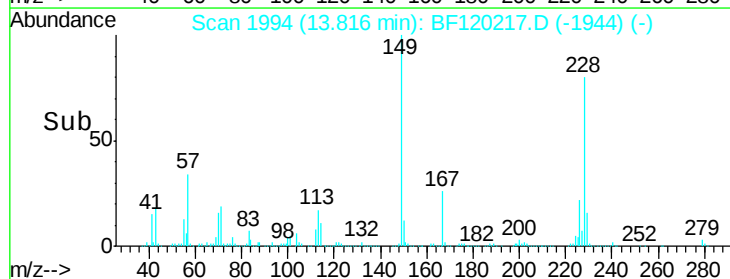
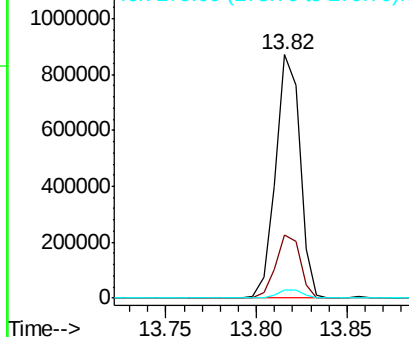


Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 40.757 ng

RT: 14.43 min Scan# 2098

Delta R.T. -0.01 min

Lab File: BF120217.D

Acq: 27 Apr 2020 14:28

Instrument :

BNA_F

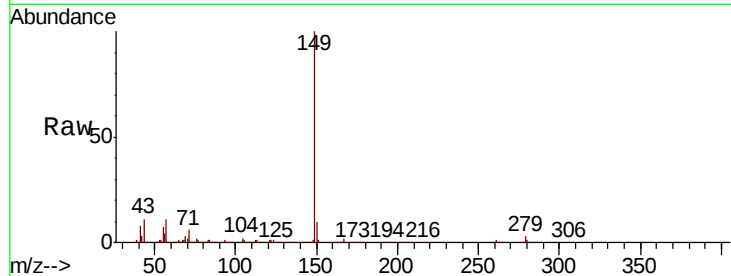
ClientSampleId :

PB128487BS

Tot Ion:	149	Resp:	1396383
Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	10.6	9.3	13.9

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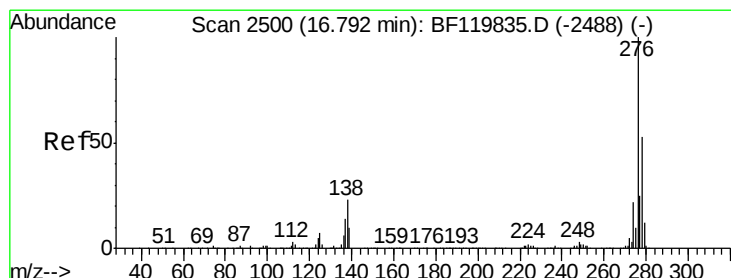
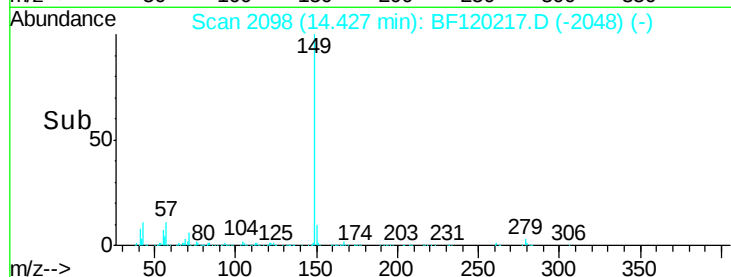
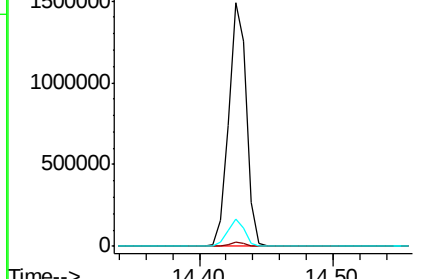
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 43.996 ng

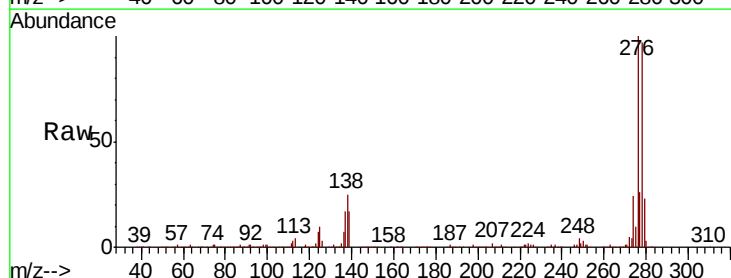
RT: 16.60 min Scan# 2468

Delta R.T. -0.01 min

Lab File: BF120217.D

Acq: 27 Apr 2020 14:28

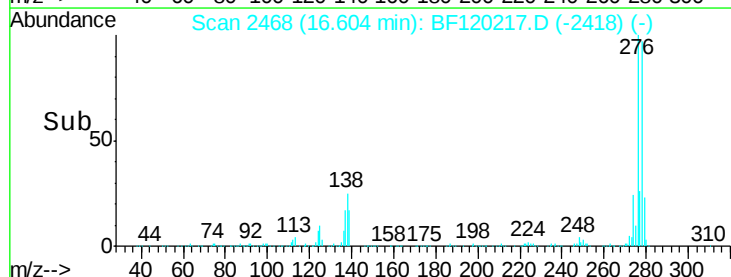
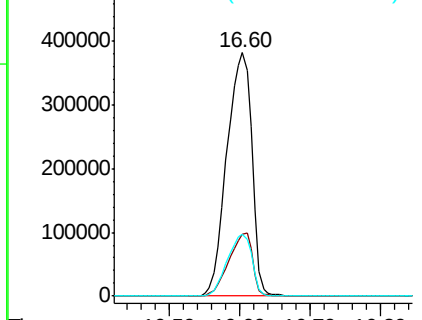
Tgt Ion:	276	Resp:	941656
Ion	Ratio	Lower	Upper
276	100		
138	24.5	19.6	29.4
277	25.2	20.0	30.0

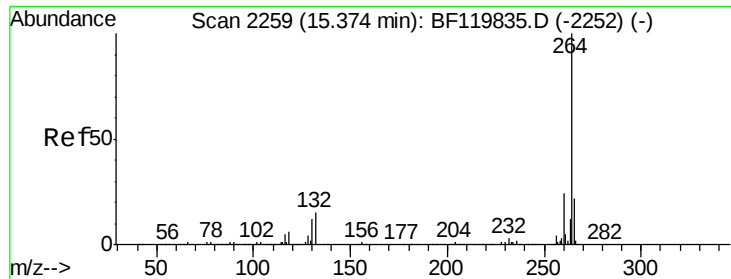


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





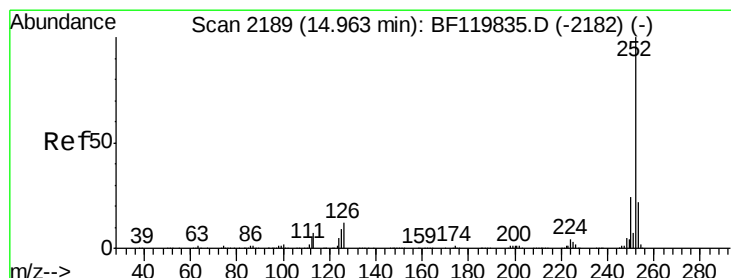
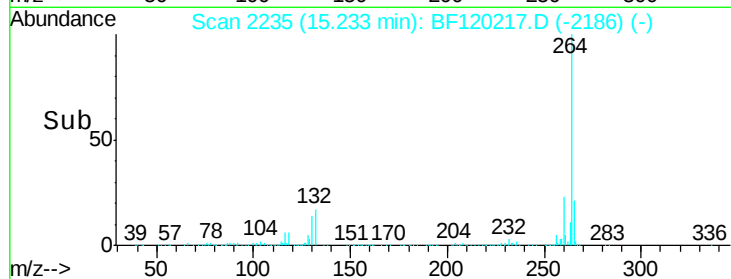
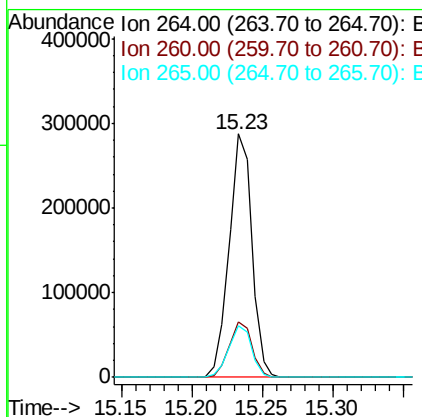
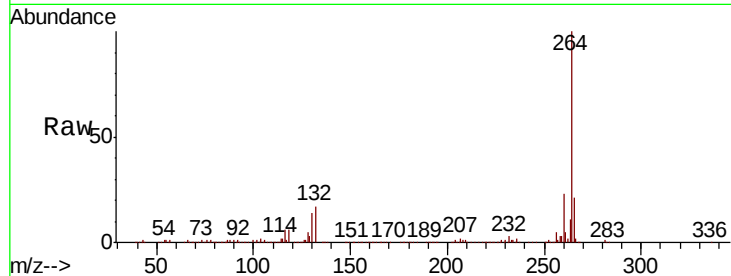
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.23 min Scan# 2235
Delta R.T. -0.01 min
Lab File: BF120217.D
Acq: 27 Apr 2020 14:28

Instrument :
BNA_F
ClientSampleId :
PB128487BS

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.8	18.7	28.1
265	21.5	17.7	26.5

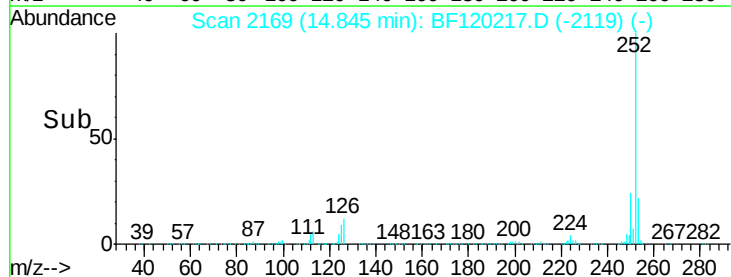
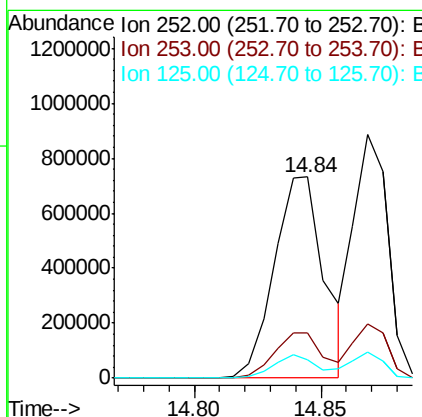
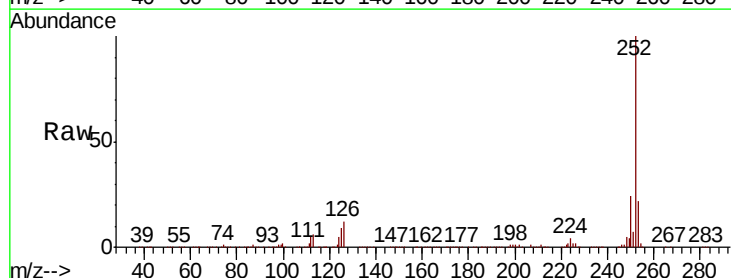
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#88
Benzo(b)fluoranthene
Concen: 43.039 ng
RT: 14.84 min Scan# 2169
Delta R.T. -0.01 min
Lab File: BF120217.D
Acq: 27 Apr 2020 14:28

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.4	26.0
125	8.9	7.9	11.9





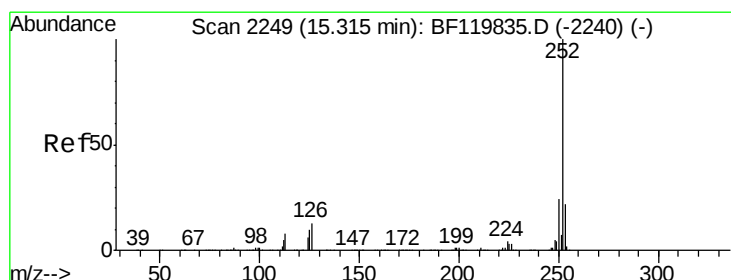
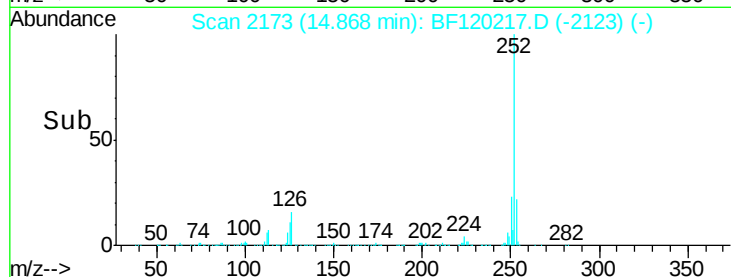
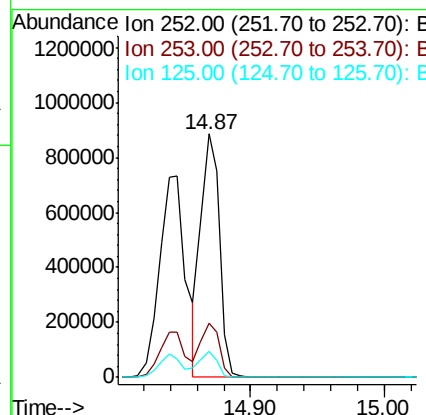
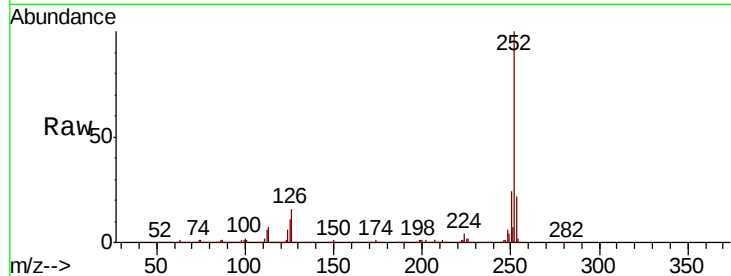
#89
Benzo(k)fluoranthene
Concen: 41.565 ng
RT: 14.87 min Scan# 2173
Delta R.T. -0.01 min
Lab File: BF120217.D
Acq: 27 Apr 2020 14:28

Instrument :
BNA_F
ClientSampleId :
PB128487BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.8	26.6
125	10.7	8.4	12.6

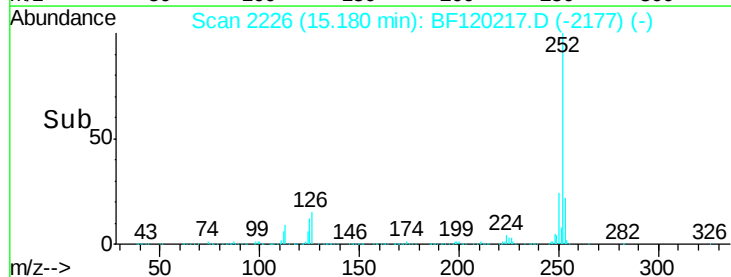
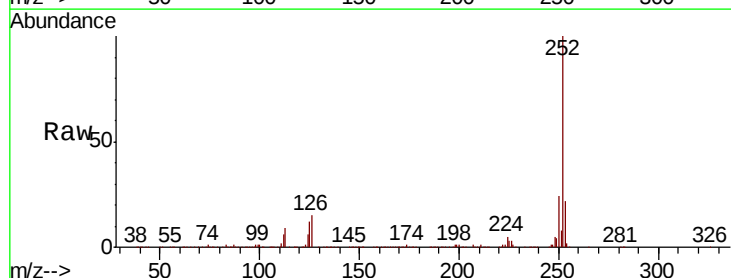
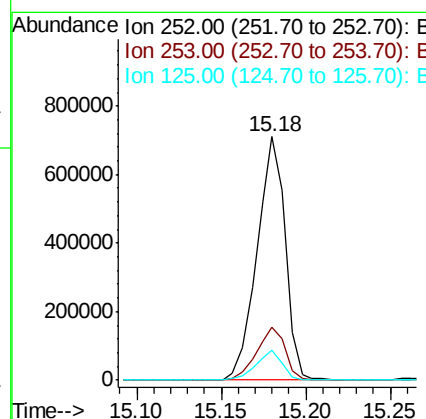
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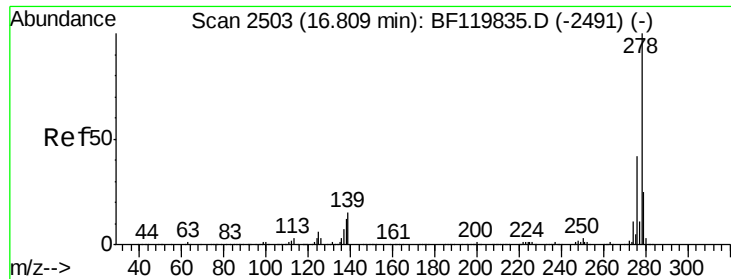
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#90
Benzo(a)pyrene
Concen: 42.020 ng
RT: 15.18 min Scan# 2226
Delta R.T. -0.01 min
Lab File: BF120217.D
Acq: 27 Apr 2020 14:28

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	18.2	27.2
125	12.4	9.4	14.2





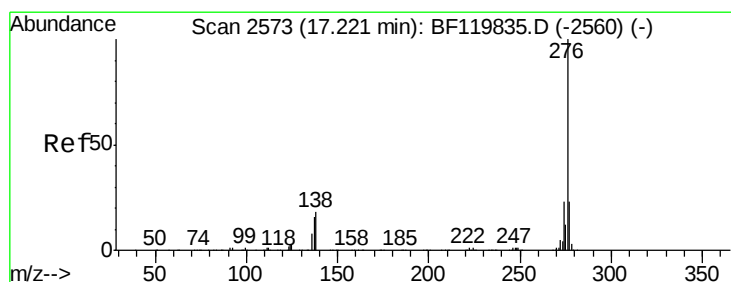
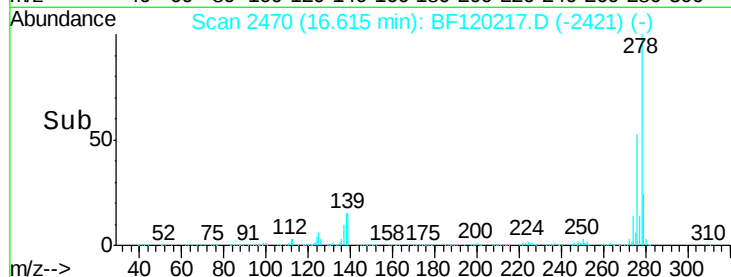
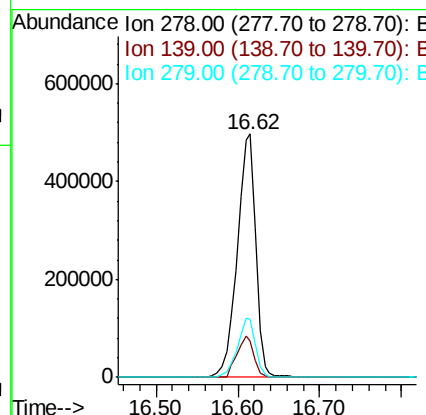
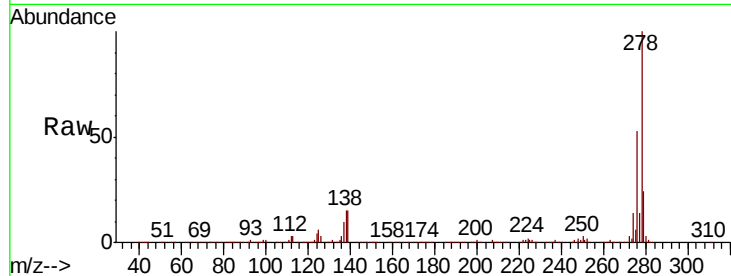
#91
Dibenzo(a,h)anthracene
Concen: 45.220 ng
RT: 16.62 min Scan# 2470
Delta R.T. -0.01 min
Lab File: BF120217.D
Acq: 27 Apr 2020 14:28

Instrument :
BNA_F
ClientSampleId :
PB128487BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	14.9	12.6	19.0
279	23.7	19.0	28.6

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#92
Benzo(g,h,i)perylene
Concen: 44.503 ng
RT: 17.01 min Scan# 2537
Delta R.T. -0.01 min
Lab File: BF120217.D
Acq: 27 Apr 2020 14:28

Tgt Ion	Ratio	Lower	Upper
276	100		
277	22.7	18.4	27.6
138	21.1	15.4	23.0

