

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080620\
 Data File : BF121215.D
 Acq On : 6 Aug 2020 21:43
 Operator : JU/CG
 Sample : L3568-02MSD
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 8/5-A-EMSD

Manual Integrations
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Quant Time: Aug 07 05:20:07 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071620.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 29 14:55:43 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	139610	20.00	ng	-0.01
21) Naphthalene-d8	8.08	136	534161	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	275022	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	517291	20.00	ng	0.00
76) Chrysene-d12	13.96	240	326926	20.00	ng	0.00
86) Perylene-d12	15.41	264	348431	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.41	112	603618	70.88	ng	0.00
7) Phenol-d6	6.43	99	728469	66.22	ng	-0.01
23) Nitrobenzene-d5	7.36	82	480649	52.07	ng	-0.02
42) 2,4,6-Tribromophenol	10.63	330	217067	72.11	ng	0.00
45) 2-Fluorobiphenyl	9.16	172	890559	48.35	ng	0.00
79) Terphenyl-d14	12.90	244	831935	55.32	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.53	88	149785	38.216	ng	100
3) Pyridine	3.27	79	321940	30.878	ng	98
4) n-Nitrosodimethylamine	3.22	42	174617	39.166	ng	98
6) Aniline	6.46	93	347643	24.210	ng	95
8) 2-Chlorophenol	6.58	128	383842	40.914	ng	99
9) Benzaldehyde	6.35	77	247986	49.530	ng	98
10) Phenol	6.45	94	461403	38.129	ng	94
11) bis(2-Chloroethyl)ether	6.53	93	361085	38.935	ng	98
12) 1,3-Dichlorobenzene	6.73	146	390212	38.358	ng	100
13) 1,4-Dichlorobenzene	6.81	146	399963	39.539	ng	99
14) 1,2-Dichlorobenzene	6.96	146	381205	39.834	ng	99
15) Benzyl Alcohol	6.94	79	306043	39.339	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.07	45	502525	37.594	ng	91
17) 2-Methylphenol	7.06	107	302428	36.370	ng	99
18) Hexachloroethane	7.30	117	137510	37.558	ng	99
19) n-Nitroso-di-n-propylamine	7.21	70	232392	37.151	ng	95
20) 3+4-Methylphenols	7.21	107	359231	33.961	ng	96
22) Acetophenone	7.20	105	482733	40.267	ng	96
24) Nitrobenzene	7.38	77	383164	38.510	ng	97
25) Isophorone	7.62	82	688235	37.355	ng	96
26) 2-Nitrophenol	7.69	139	202975	42.954	ng	96
27) 2,4-Dimethylphenol	7.74	122	331691	43.233	ng	100
28) bis(2-Chloroethoxy)methane	7.83	93	443697	39.453	ng	99
29) 2,4-Dichlorophenol	7.94	162	313596	40.000	ng	96
30) 1,2,4-Trichlorobenzene	8.02	180	340958	39.199	ng	98
31) Naphthalene	8.10	128	1041779	38.021	ng	100
32) Benzoic acid	7.88	122	224318	38.949	ng	97
33) 4-Chloroaniline	8.15	127	202698	16.583	ng	98
34) Hexachlorobutadiene	8.22	225	193680	37.772	ng	99
35) Caprolactam	8.53	113	101236m	40.267	ng	
36) 4-Chloro-3-methylphenol	8.65	107	324193	40.320	ng	100
37) 2-Methylnaphthalene	8.79	142	715426	40.213	ng	99
38) 1-Methylnaphthalene	8.89	142	665376	39.489	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.96	216	333661	41.640	ng	100

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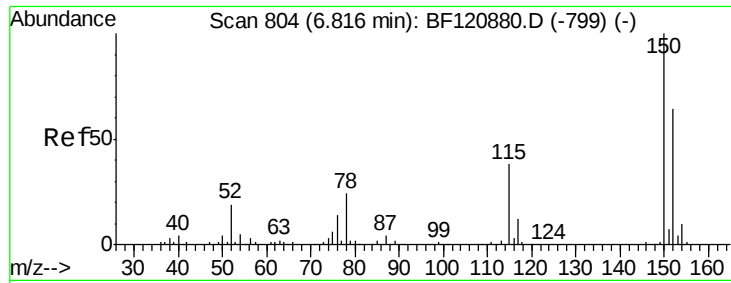
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.95	237	137978	31.156	nq	99
43) 2,4,6-Trichlorophenol	9.07	196	225040	39.888	nq	99
44) 2,4,5-Trichlorophenol	9.12	196	245156	38.307	nq	99
46) 1,1'-Biphenyl	9.26	154	856020	40.804	nq	99
47) 2-Chloronaphthalene	9.28	162	662315	38.723	nq	98
48) 2-Nitroaniline	9.38	65	210115	40.650	nq	96
49) Acenaphthylene	9.70	152	1052075	39.594	nq	99
50) Dimethylphthalate	9.56	163	883634	44.535	nq	99
51) 2,6-Dinitrotoluene	9.62	165	173366	40.671	nq	94
52) Acenaphthene	9.87	154	671298m	39.737	nq	
53) 3-Nitroaniline	9.79	138	104558	19.557	nq	97
54) 2,4-Dinitrophenol	9.90	184	107638	46.955	nq	# 90
55) Dibenzofuran	10.05	168	923764	37.814	nq	97
56) 4-Nitrophenol	9.97	139	276203	68.012	nq	97
57) 2,4-Dinitrotoluene	10.03	165	225505	40.285	nq	# 87
58) Fluorene	10.39	166	688067	37.764	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.16	232	201776	41.410	nq	100
60) Diethylphthalate	10.26	149	771836	38.459	nq	100
61) 4-Chlorophenyl-phenylether	10.37	204	344092	35.407	nq	98
62) 4-Nitroaniline	10.41	138	170305	32.703	nq	98
63) Azobenzene	10.54	77	727693	38.088	nq	96
65) 4,6-Dinitro-2-methylphenol	10.44	198	83539	29.512	nq	100
66) n-Nitrosodiphenylamine	10.50	169	654858	40.242	nq	99
67) 4-Bromophenyl-phenylether	10.86	248	224877	38.991	nq	99
68) Hexachlorobenzene	10.93	284	249530	39.996	nq	94
69) Atrazine	11.03	200	181877	45.130	nq	100
70) Pentachlorophenol	11.13	266	267984	74.979	nq	98
71) Phenanthrene	11.35	178	1018208	38.272	nq	99
72) Anthracene	11.40	178	1062179	39.760	nq	99
73) Carbazole	11.56	167	997351	37.619	nq	100
74) Di-n-butylphthalate	11.89	149	1212415	39.628	nq	99
75) Fluoranthene	12.53	202	1047005	35.505	nq	97
77) Benzidine	12.66	184	738580	85.927	nq	99
78) Pyrene	12.76	202	1058457	45.793	nq	100
80) Butylbenzylphthalate	13.38	149	476942	46.288	nq	95
81) Benzo(a)anthracene	13.95	228	817377	41.288	nq	99
82) 3,3'-Dichlorobenzidine	13.92	252	326915	43.770	nq	100
83) Chrysene	13.99	228	817481	39.293	nq	99
84) Bis(2-ethylhexyl)phthalate	13.94	149	623789	49.095	nq	99
85) Di-n-octyl phthalate	14.55	149	1004223	39.727	nq	100
87) Indeno(1,2,3-cd)pyrene	16.85	276	916590	37.826	nq	100
88) Benzo(b)fluoranthene	14.99	252	872017	41.404	nq	99
89) Benzo(k)fluoranthene	15.02	252	723252	37.654	nq	99
90) Benzo(a)pyrene	15.35	252	766208	39.874	nq	100
91) Dibenzo(a,h)anthracene	16.86	278	773431	39.074	nq	99
92) Benzo(g,h,i)perylene	17.28	276	741932	38.015	nq	99

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



#1

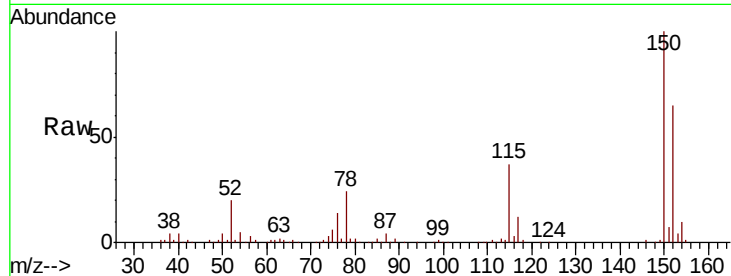
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. -0.01 min
Lab File: BF121215.D
Acq: 6 Aug 2020 21:43

Instrument :
BNA_F
ClientSampleId :
8/5-A-EMSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.9	125.6	188.4
115	57.6	46.2	69.2

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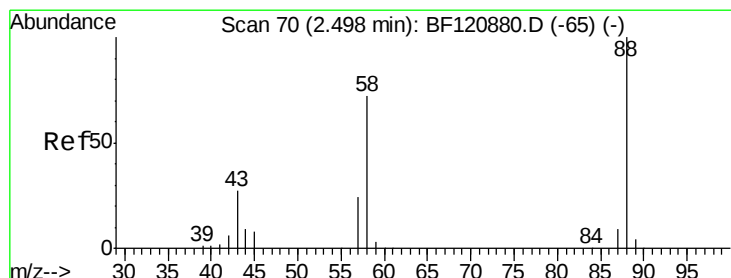
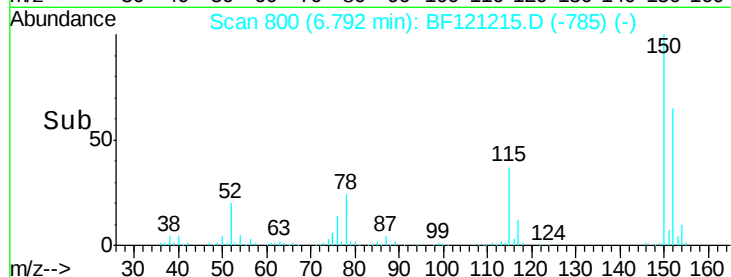
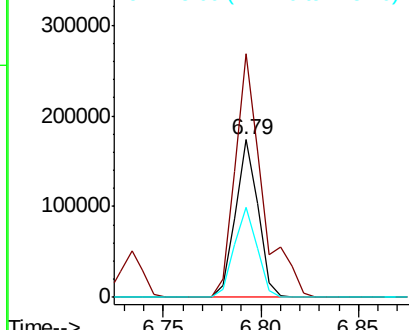


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

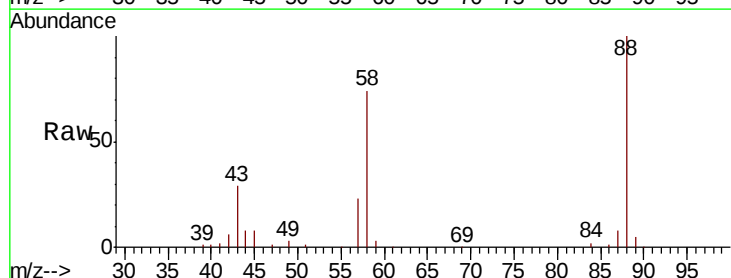
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 38.216 ng
RT: 2.53 min Scan# 76
Delta R.T. 0.02 min
Lab File: BF121215.D
Acq: 6 Aug 2020 21:43

Tgt Ion	Ratio	Lower	Upper
88	100		
58	73.0	58.2	87.4
43	27.2	21.3	31.9

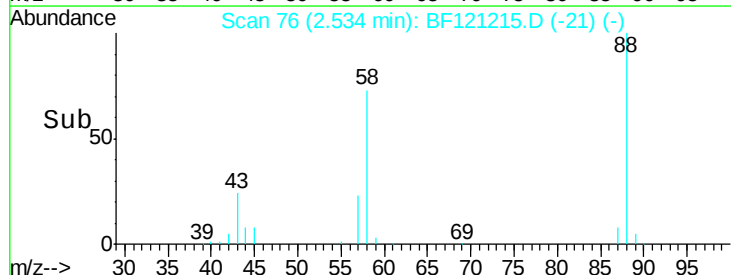
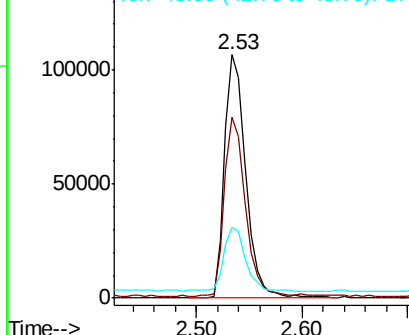


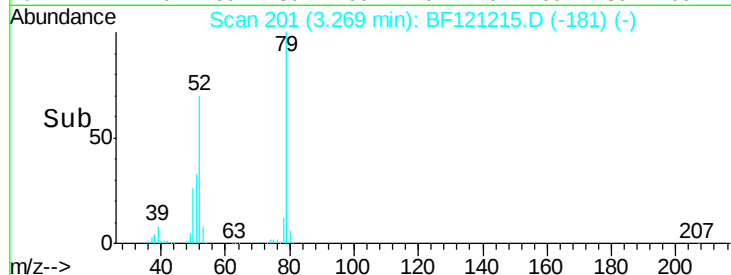
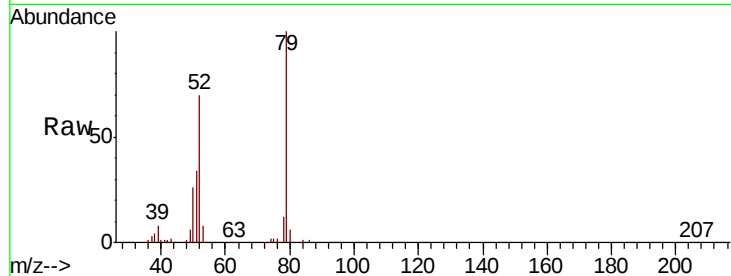
Abundance

Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





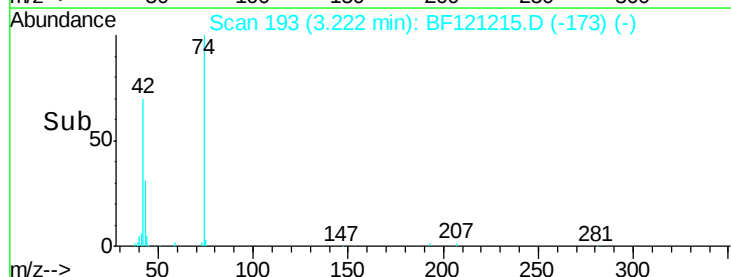
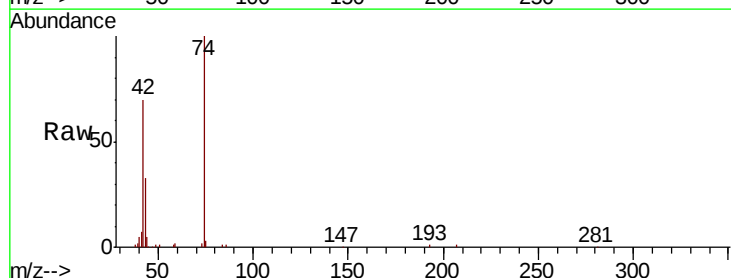
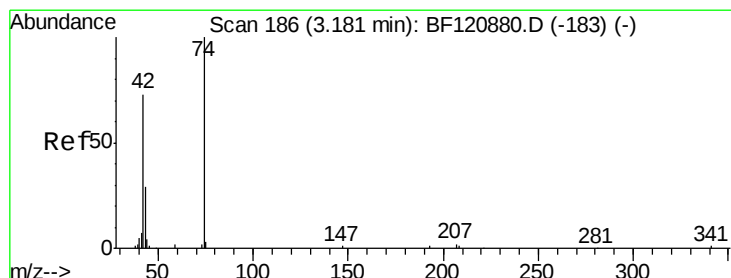
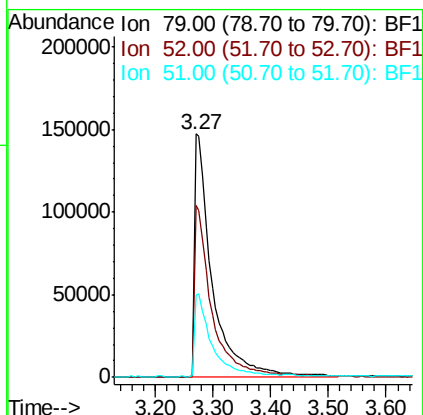
#3
Pvridine
Concen: 30.878 ng
RT: 3.27 min Scan# 201
Delta R.T. 0.02 min
Lab File: BF121215.D
Acq: 6 Aug 2020 21:43

Tot Ion	Ratio	Lower	Upper
79	100		
52	70.4	54.9	82.3
51	33.8	27.4	41.0

Instrument :
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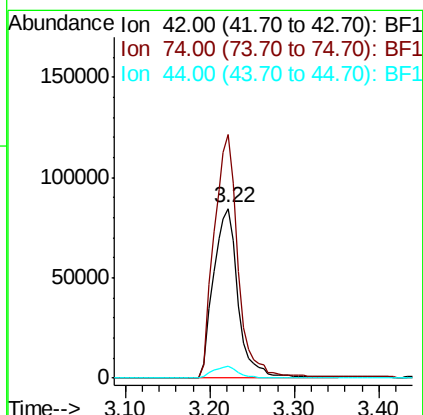
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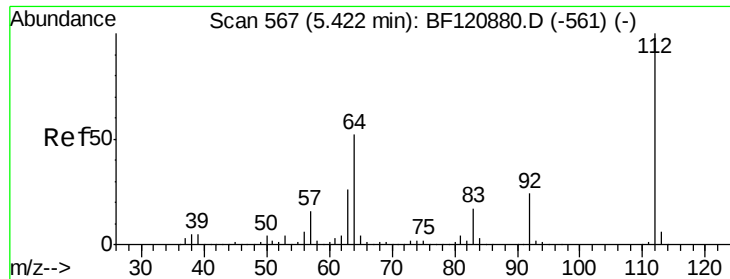
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#4
n-Nitrosodimethylamine
Concen: 39.166 ng
RT: 3.22 min Scan# 193
Delta R.T. 0.02 min
Lab File: BF121215.D
Acq: 6 Aug 2020 21:43

Tgt Ion	Ratio	Lower	Upper
42	100		
74	143.4	117.3	175.9
44	7.2	5.9	8.9





#5

2-Fluorophenol

Concen: 70.879 ng

RT: 5.41 min Scan# 565

Delta R.T. -0.01 min

Lab File: BF121215.D

Acq: 6 Aug 2020 21:43

Instrument :

BNA_F

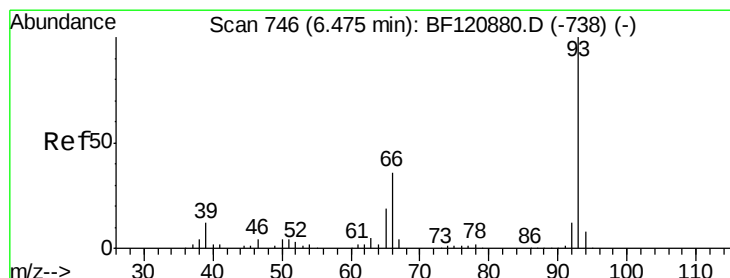
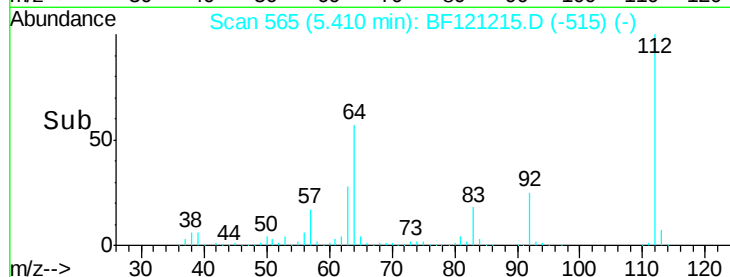
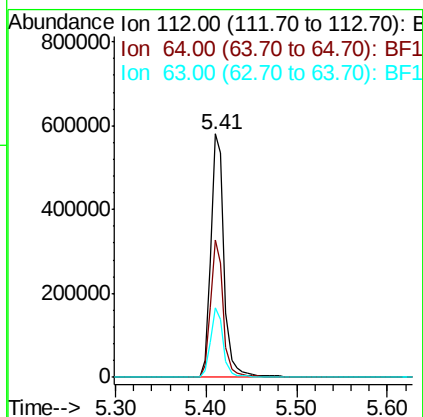
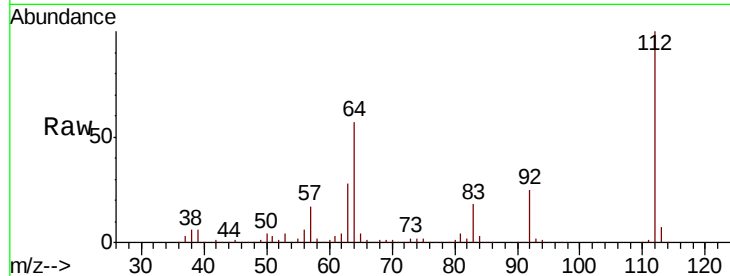
ClientSampleId :

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Tot Ion:	112	Resp:	603618
Ion Ratio	Lower	Upper	
112	100		
64	56.6	43.9	65.9
63	28.5	22.7	34.1

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#6

Aniline

Concen: 24.210 ng

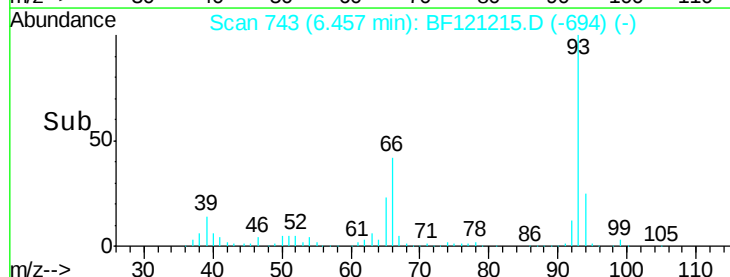
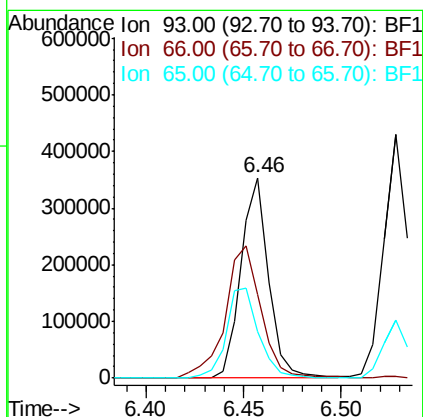
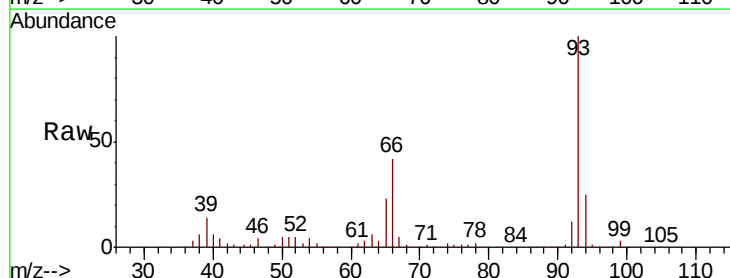
RT: 6.46 min Scan# 743

Delta R.T. -0.01 min

Lab File: BF121215.D

Acq: 6 Aug 2020 21:43

Tgt Ion:	93	Resp:	347643
Ion Ratio	Lower	Upper	
93	100		
66	41.5	31.0	46.4
65	23.2	16.2	24.4





#7

Phenol-d6

Concen: 66.220 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF121215.D

Acq: 6 Aug 2020 21:43

Instrument :

BNA_F

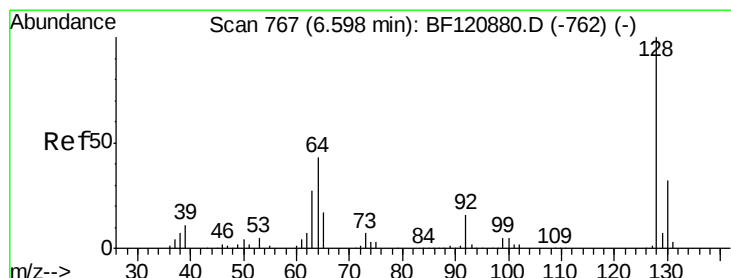
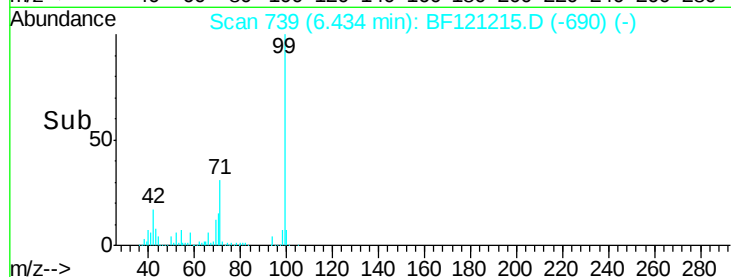
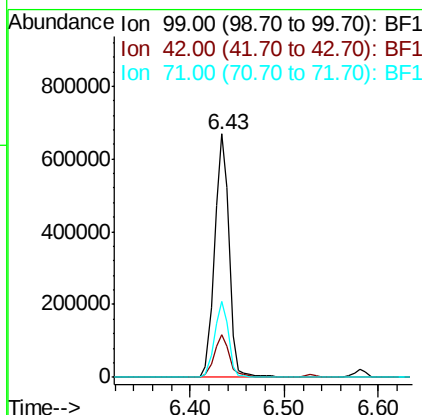
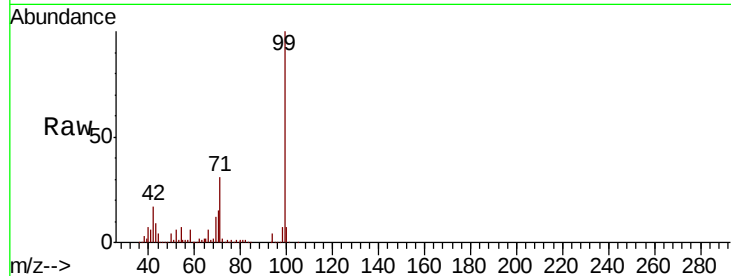
ClientSampleId :

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Tot Ion:	99	Resp:	728469
Ion	Ratio	Lower	Upper
99	100		
42	17.4	13.5	20.3
71	31.2	25.0	37.4

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#8

2-Chlorophenol

Concen: 40.914 ng

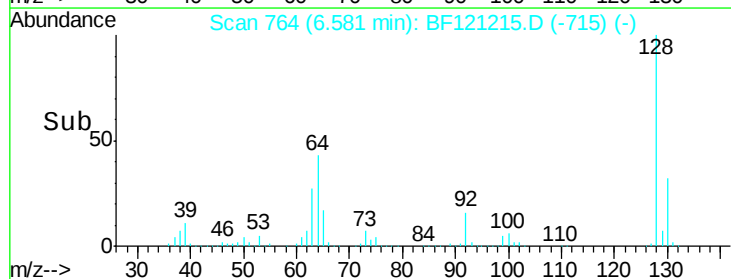
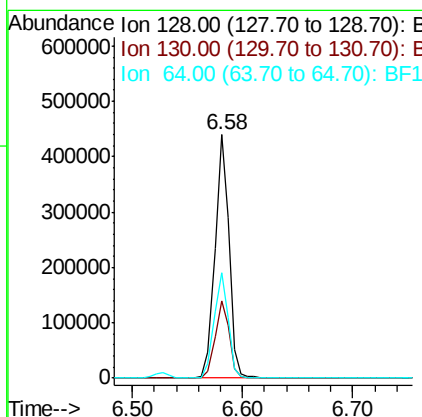
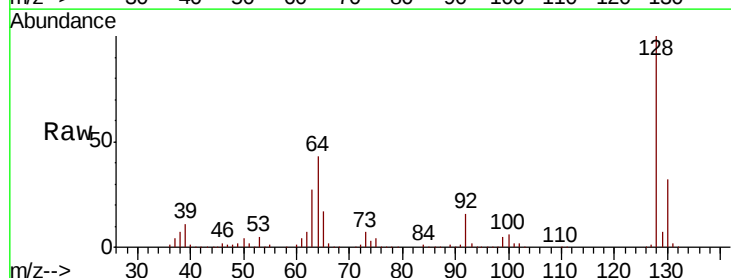
RT: 6.58 min Scan# 764

Delta R.T. -0.01 min

Lab File: BF121215.D

Acq: 6 Aug 2020 21:43

Tgt Ion:	128	Resp:	383842
Ion	Ratio	Lower	Upper
128	100		
130	31.9	12.7	52.7
64	43.4	23.8	63.8





#9

Benzaldehyde

Concen: 49.530 ng

RT: 6.35 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF121215.D

Acq: 6 Aug 2020 21:43

Instrument :

BNA_F

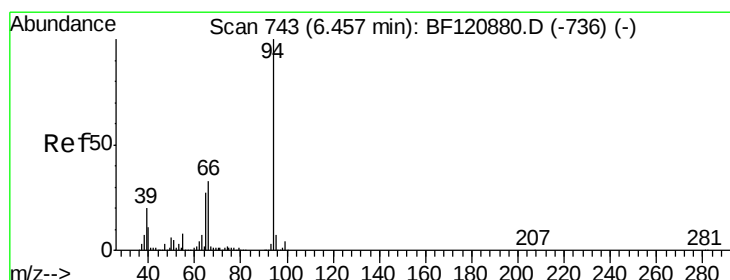
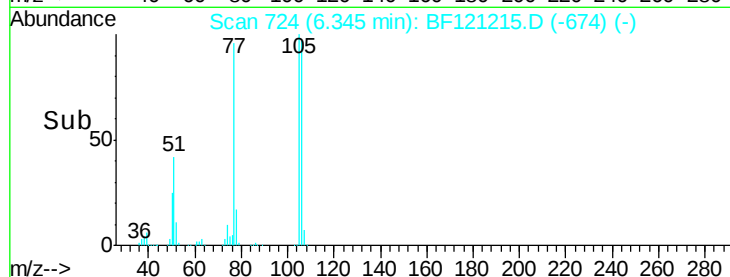
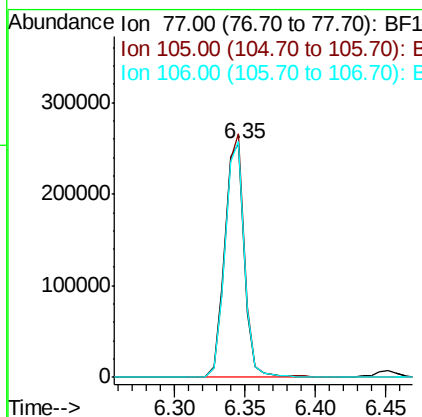
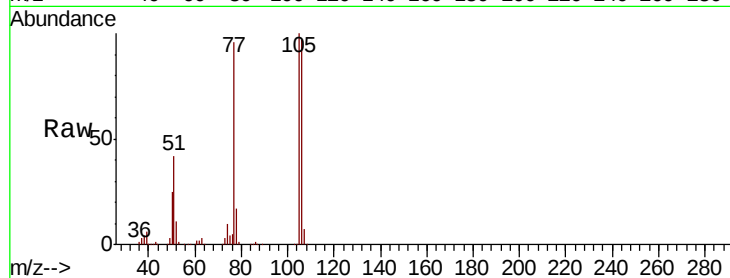
ClientSampleId :

8/5-A-EMSD

Tot Ion:	77	Resp:	247986
Ion	Ratio	Lower	Upper
77	100		
105	104.1	82.4	122.4
106	100.7	78.9	118.9

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#10

Phenol

Concen: 38.129 ng

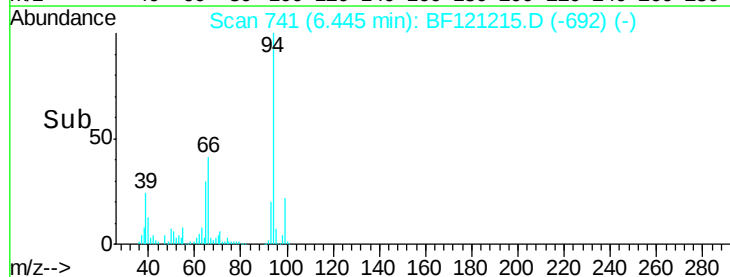
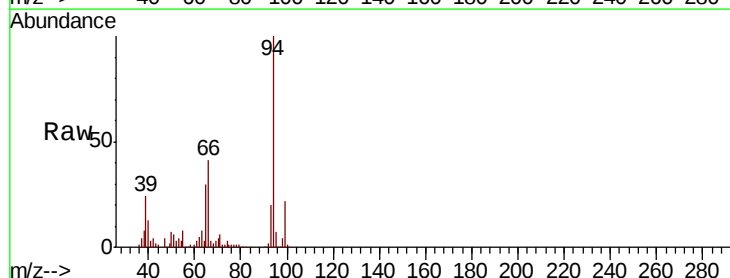
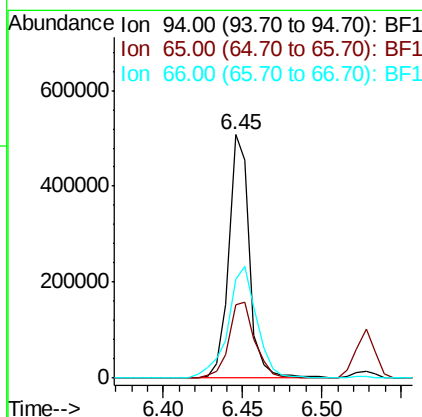
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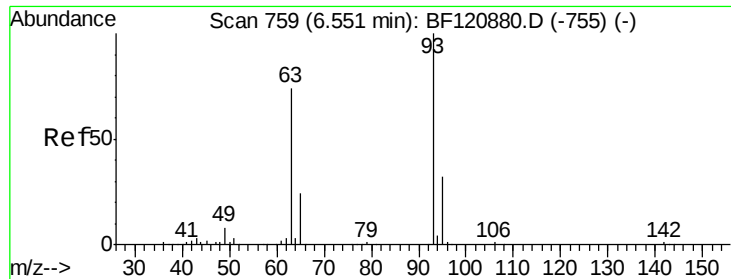
Delta R.T. -0.01 min

Lab File: BF121215.D

Acq: 6 Aug 2020 21:43

Tgt Ion:	94	Resp:	461403
Ion	Ratio	Lower	Upper
94	100		
65	30.4	12.6	52.6
66	40.9	25.6	65.6





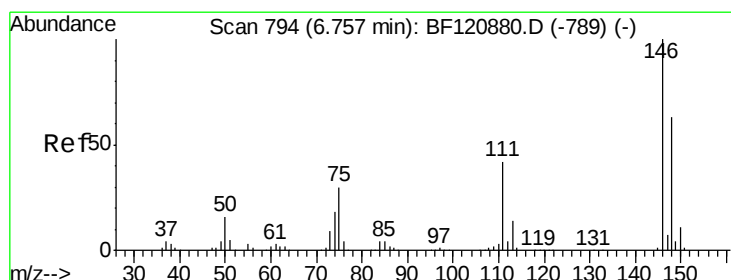
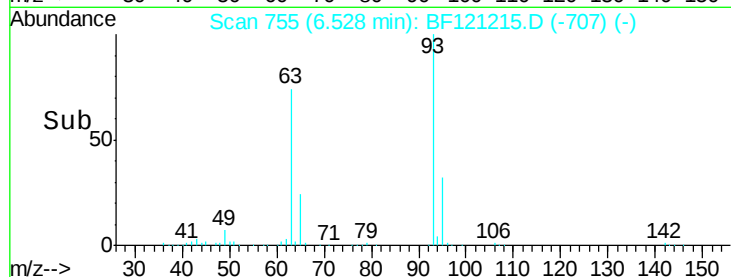
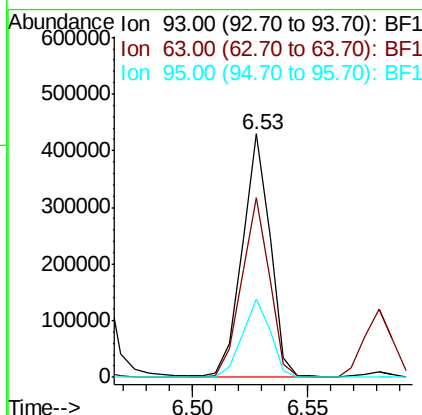
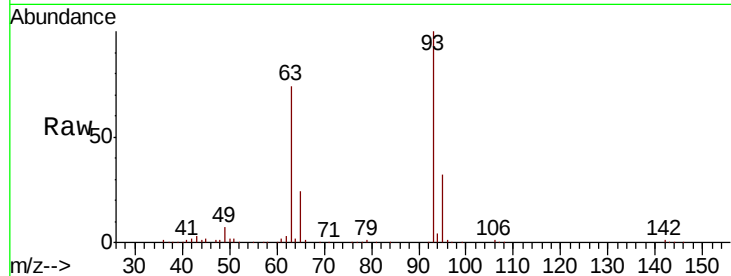
#11
bis(2-Chloroethyl)ether
Concen: 38.935 ng
RT: 6.53 min Scan# 755
Delta R.T. -0.02 min
Lab File: BF121215.D
Acq: 6 Aug 2020 21:43

Instrument :
BNA_F
ClientSampleId :
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Tot Ion:	93	Resp:	361085
Ion	Ratio	Lower	Upper
93	100		
63	73.6	51.9	91.9
95	32.3	13.2	53.2

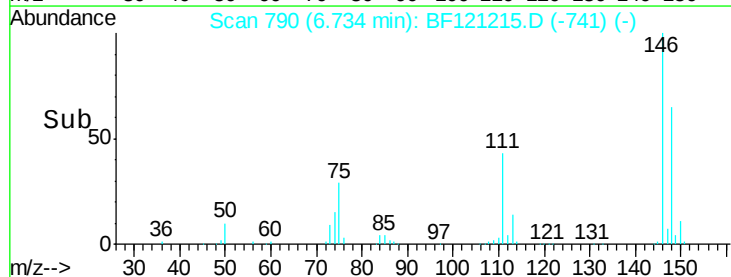
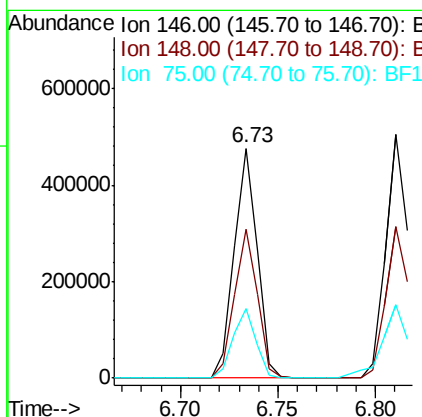
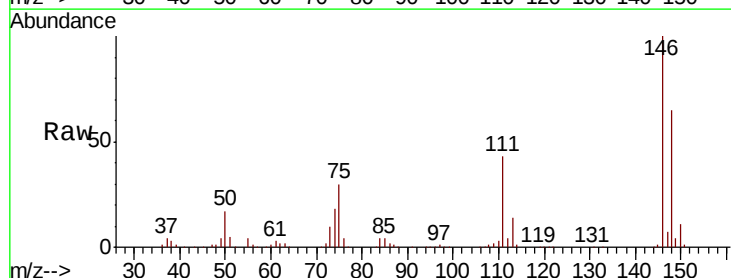
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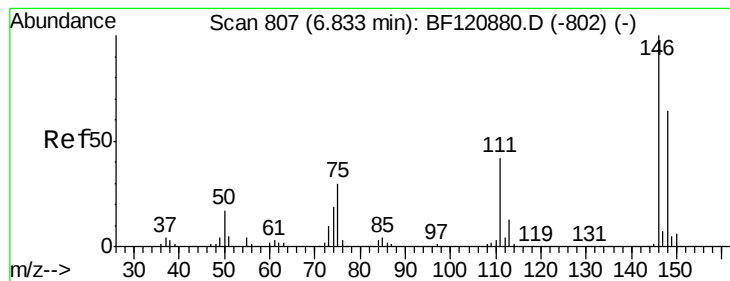
mohammad
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#12
1,3-Dichlorobenzene
Concen: 38.358 ng
RT: 6.73 min Scan# 790
Delta R.T. -0.01 min
Lab File: BF121215.D
Acq: 6 Aug 2020 21:43

Tgt Ion:	146	Resp:	390212
Ion	Ratio	Lower	Upper
146	100		
148	64.7	51.7	77.5
75	30.1	23.8	35.6





#13

1,4-Dichlorobenzene

Concen: 39.539 ng

RT: 6.81 min Scan# 803

Delta R.T. -0.01 min

Lab File: BF121215.D

Acq: 6 Aug 2020 21:43

Instrument :

BNA_F

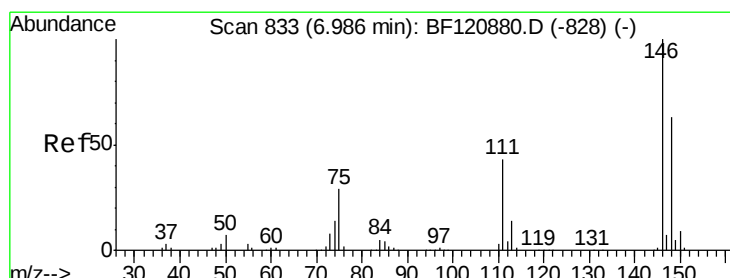
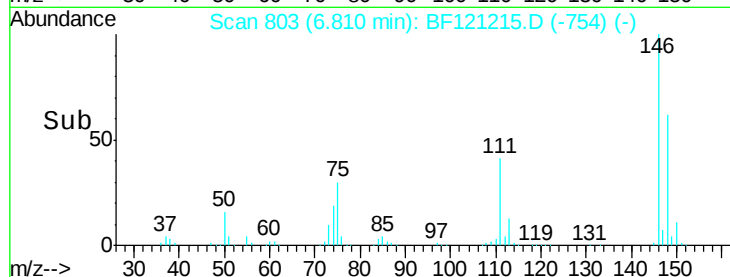
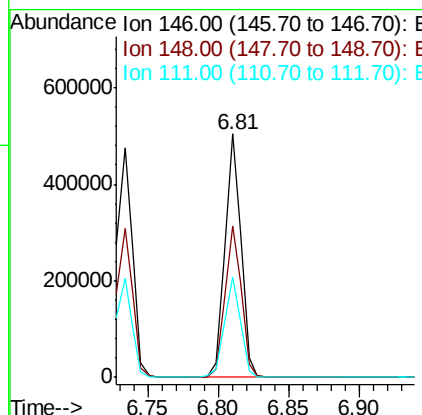
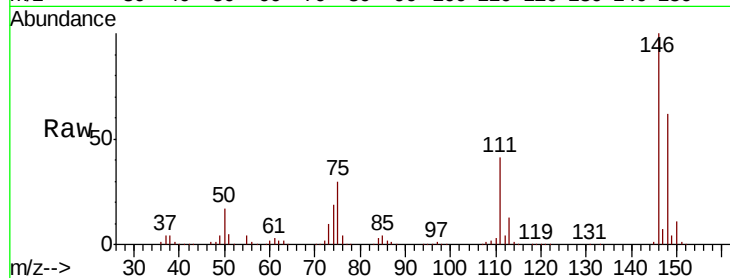
ClientSampleId :

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Tot Ion:	146	Resp:	399963
Ion Ratio	Lower	Upper	
146	100		
148	62.0	50.5	75.7
111	41.3	32.8	49.2

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#14

1,2-Dichlorobenzene

Concen: 39.834 ng

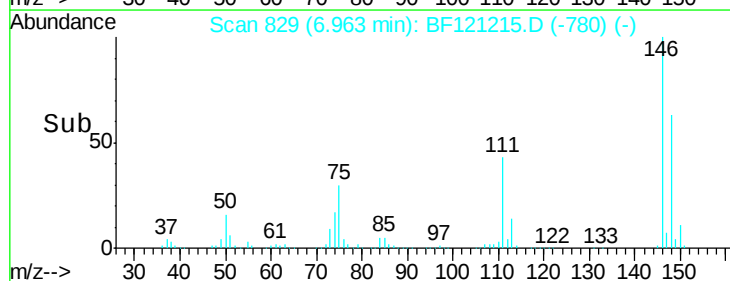
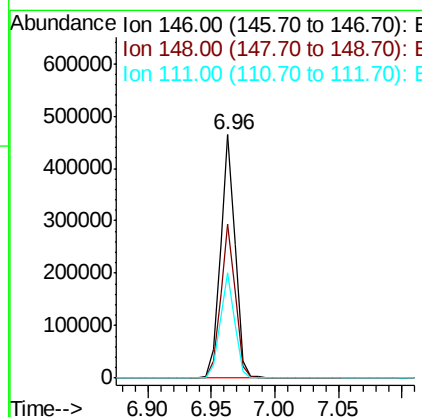
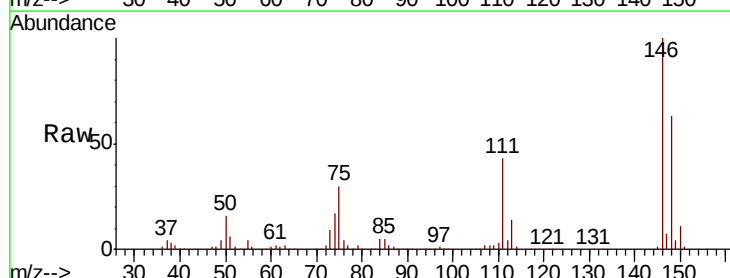
RT: 6.96 min Scan# 829

Delta R.T. -0.01 min

Lab File: BF121215.D

Acq: 6 Aug 2020 21:43

Tgt Ion:	146	Resp:	381205
Ion Ratio	Lower	Upper	
146	100		
148	63.0	50.8	76.2
111	43.3	35.4	53.0





#15

Benzyl Alcohol

Concen: 39.339 ng

RT: 6.94 min Scan# 825

Delta R.T. -0.01 min

Lab File: BF121215.D

Acq: 6 Aug 2020 21:43

Instrument :

BNA_F

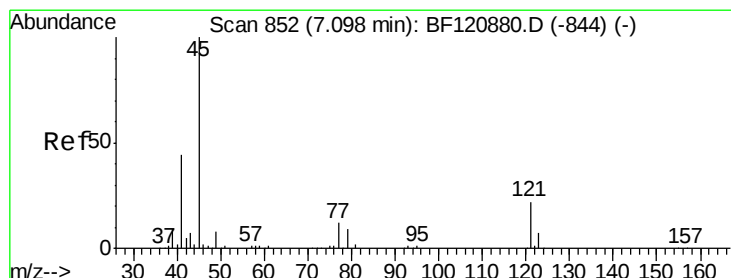
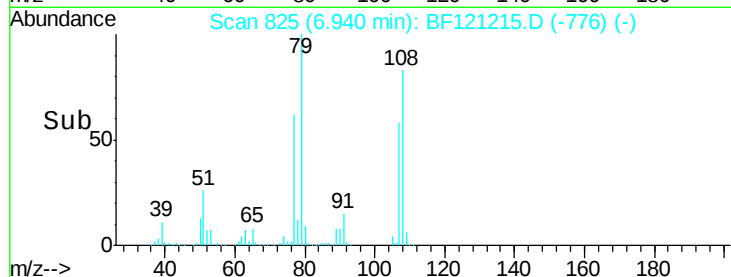
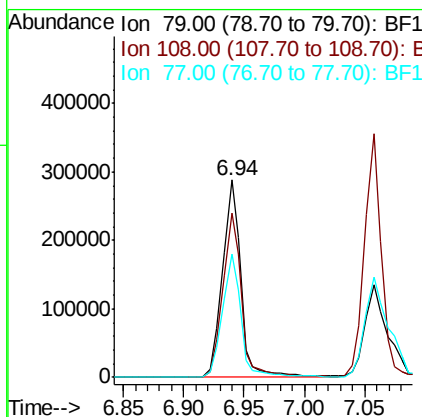
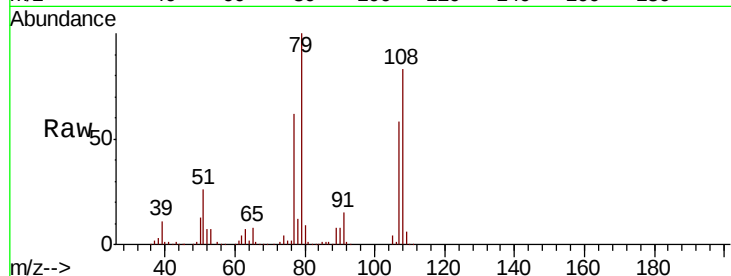
ClientSampleId :

8/5-A-EMSD

Tot Ion:	79	Resp:	306043
Ion Ratio	Lower	Upper	
79	100		
108	83.2	68.6	103.0
77	62.4	51.4	77.2

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#16

2,2'-oxybis(1-chloropropane)

Concen: 37.594 ng

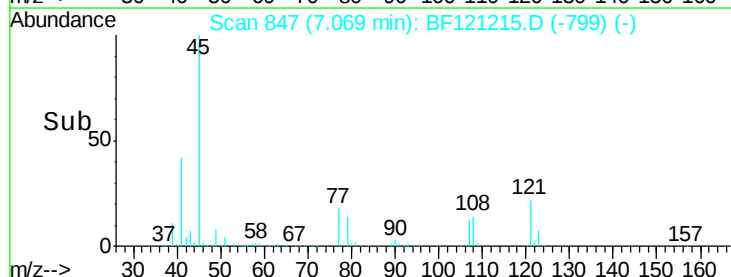
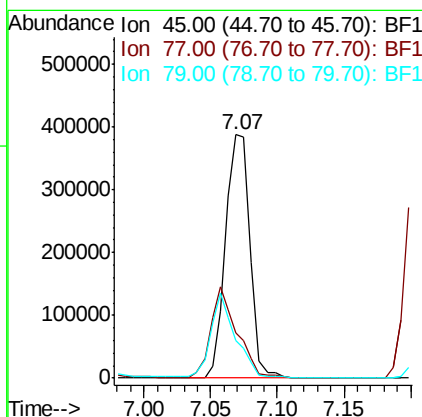
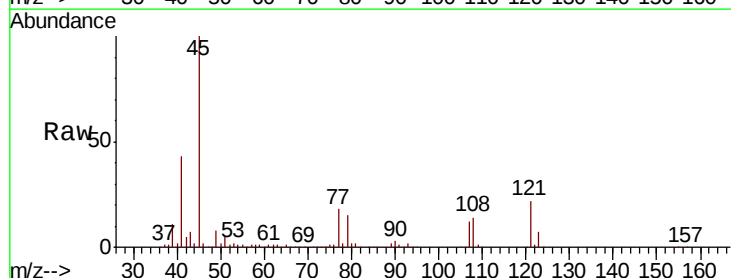
RT: 7.07 min Scan# 847

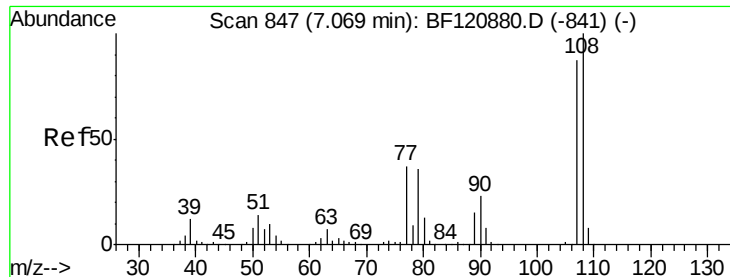
Delta R.T. -0.02 min

Lab File: BF121215.D

Acq: 6 Aug 2020 21:43

Tgt Ion:	45	Resp:	502525
Ion Ratio	Lower	Upper	
45	100		
77	18.4	0.0	34.7
79	15.2	0.0	32.0





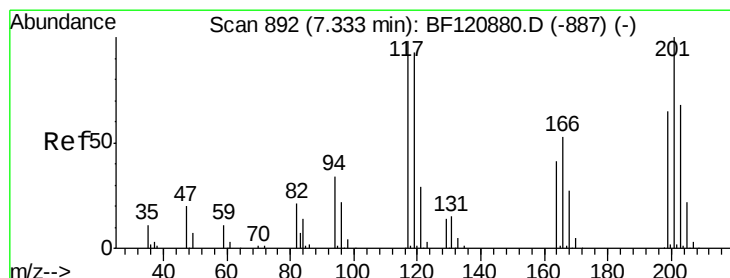
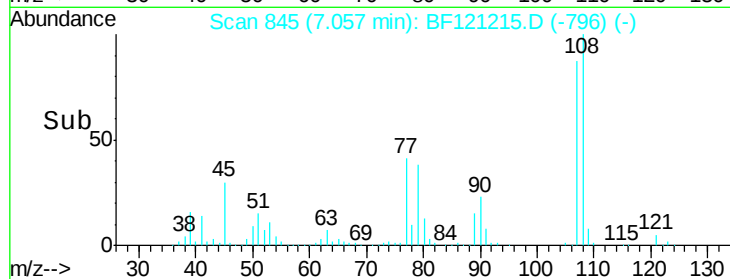
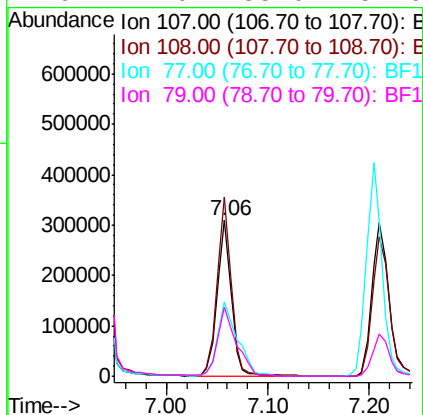
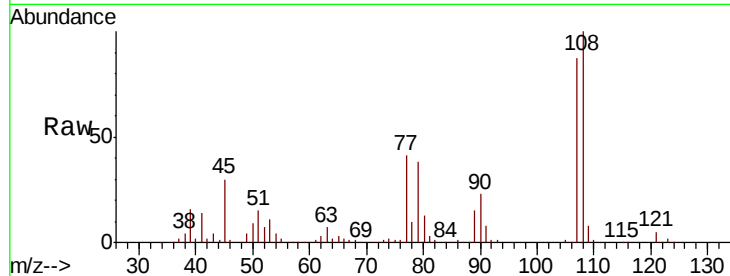
#17
2-Methylphenol
Concen: 36.370 ng
RT: 7.06 min Scan# 845
Delta R.T. -0.01 min
Lab File: BF121215.D
Acq: 6 Aug 2020 21:43

Instrument :
BNA_F
ClientSampleId :
8/5-A-EMSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	115.0	91.2	136.8	
77	47.3	36.5	54.7	
79	44.0	35.0	52.6	

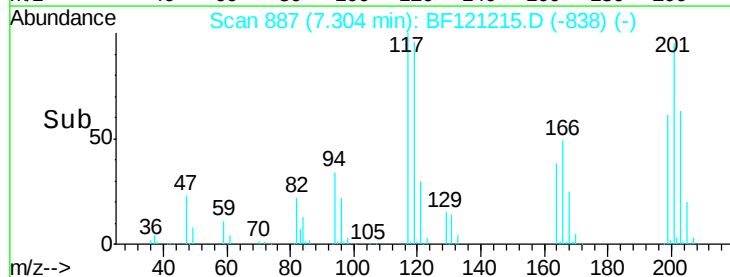
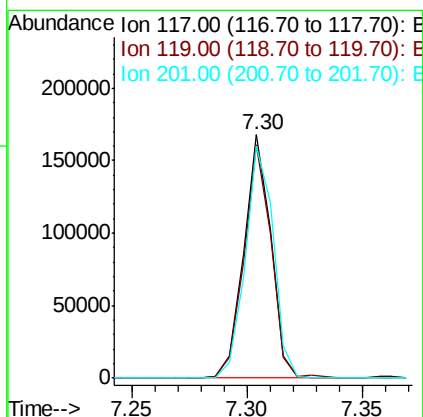
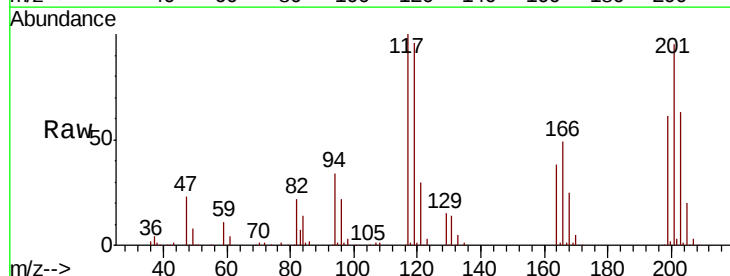
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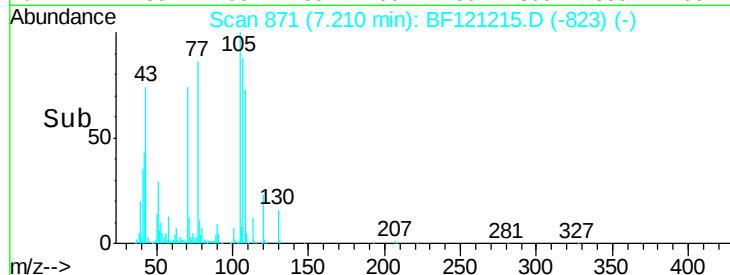
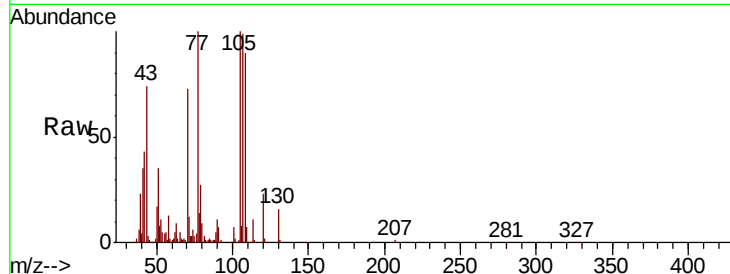
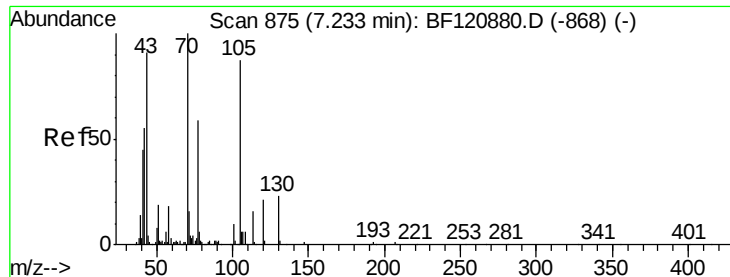
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#18
Hexachloroethane
Concen: 37.558 ng
RT: 7.30 min Scan# 887
Delta R.T. -0.01 min
Lab File: BF121215.D
Acq: 6 Aug 2020 21:43

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	95.9	76.6	114.8	
201	95.3	75.0	112.4	





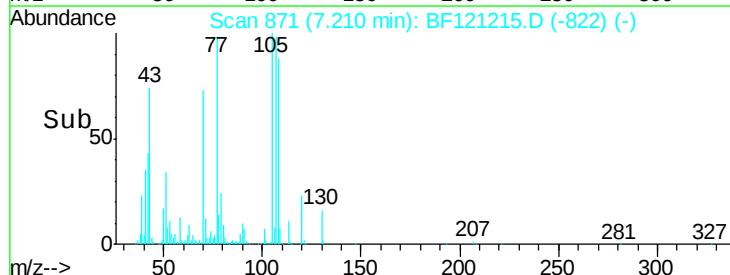
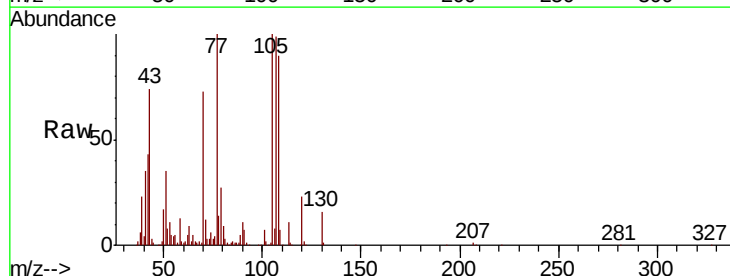
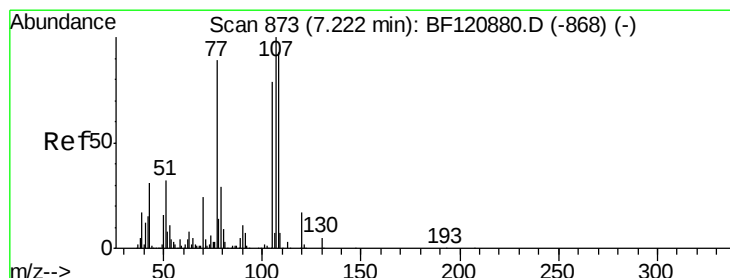
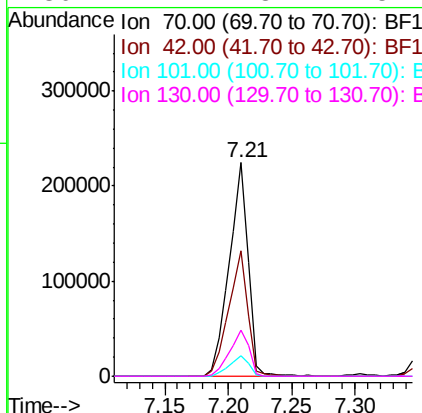
#19
n-Nitroso-di-n-propylamine
Concen: 37.151 ng
RT: 7.21 min Scan# 871
Delta R.T. -0.02 min
Lab File: BF121215.D
Acq: 6 Aug 2020 21:43

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	58.9	43.3	64.9	
101	9.7	8.4	12.6	
130	21.7	18.7	28.1	

Instrument :
BNA_F
ClientSampleId :
8/5-A-EMSD

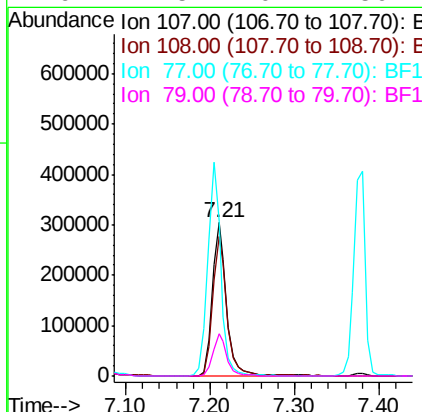
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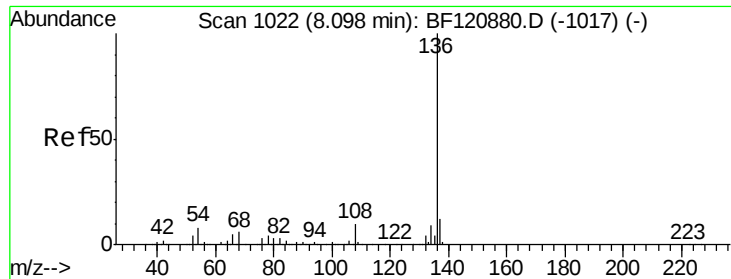
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#20
3+4-Methylphenols
Concen: 33.961 ng
RT: 7.21 min Scan# 871
Delta R.T. -0.01 min
Lab File: BF121215.D
Acq: 6 Aug 2020 21:43

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	90.9	73.7	113.7	
77	100.6	84.9	124.9	
79	27.5	10.7	50.7	





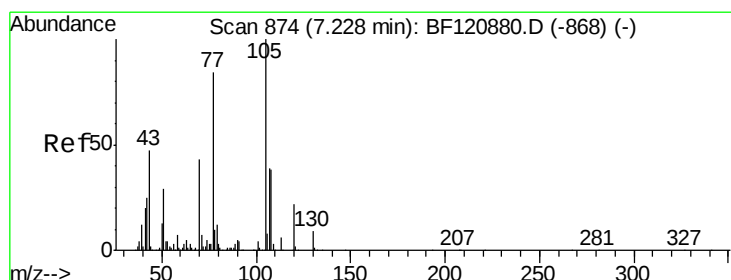
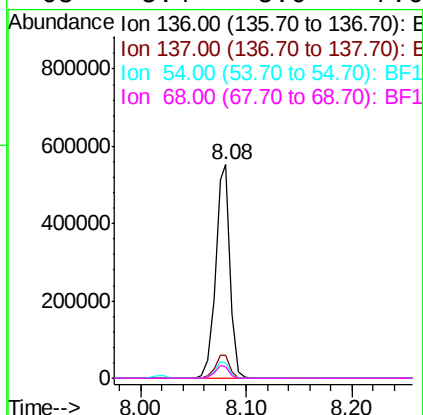
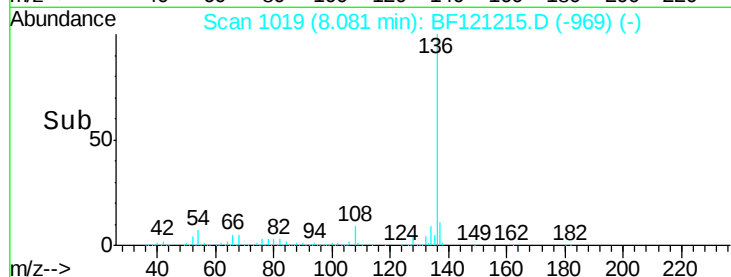
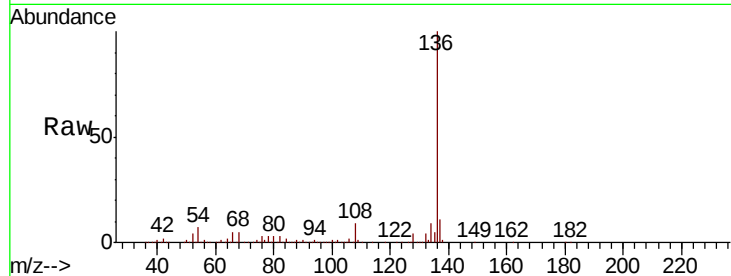
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.08 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BF121215.D
Acq: 6 Aug 2020 21:43

Instrument :
BNA_F
ClientSampleId :
8/5-A-EMSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		534161		
137	10.9	9.0	13.4		
54	7.0	6.1	9.1		
68	5.4	5.0	7.6		

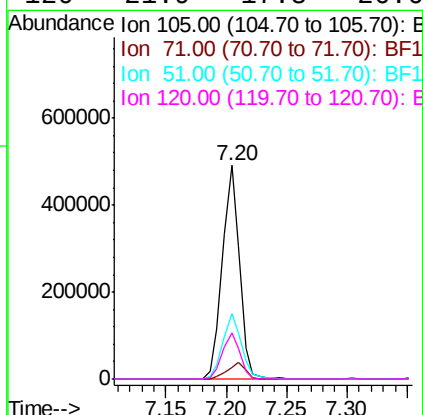
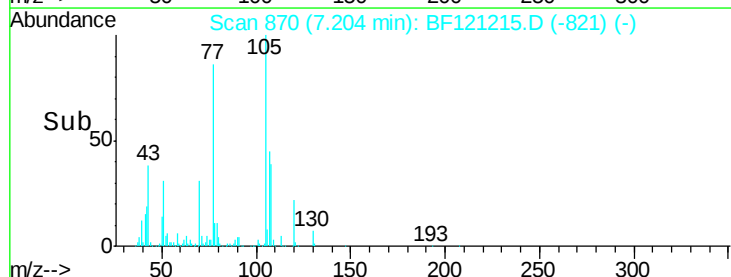
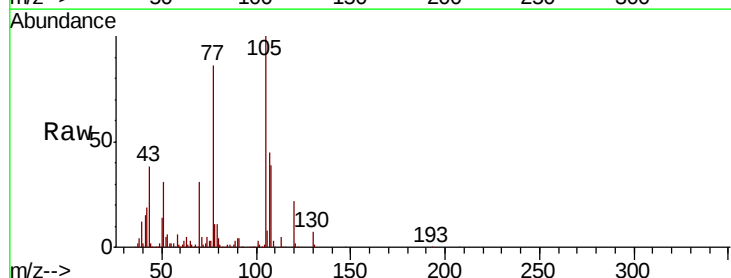
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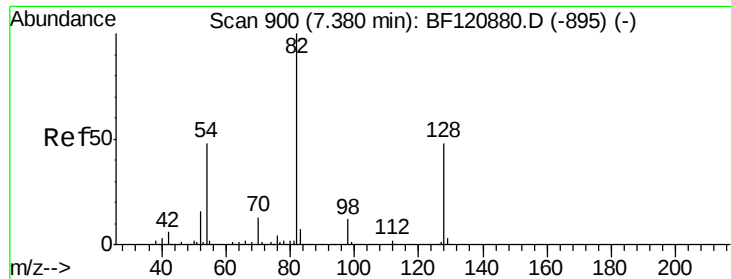
mohammad
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#22
Acetophenone
Concen: 40.267 ng
RT: 7.20 min Scan# 870
Delta R.T. -0.01 min
Lab File: BF121215.D
Acq: 6 Aug 2020 21:43

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		482733		
71	5.2	3.8	5.8		
51	30.8	28.0	42.0		
120	21.9	17.8	26.6		





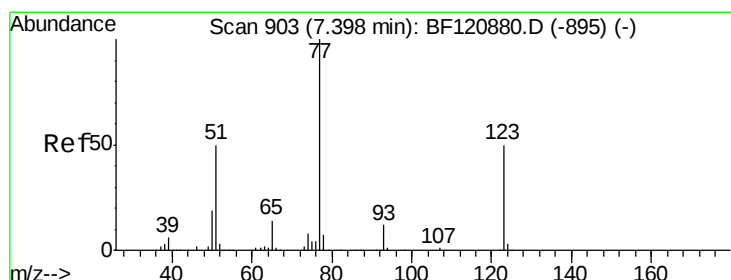
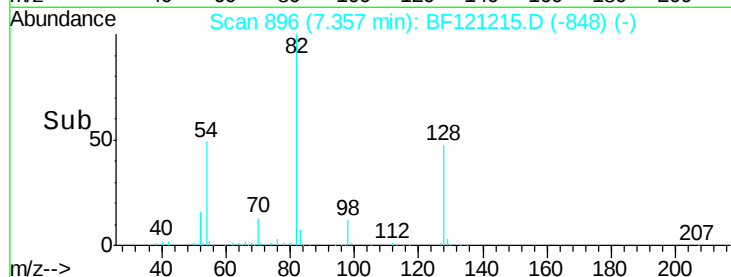
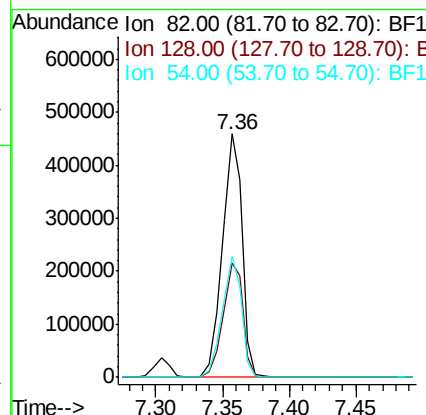
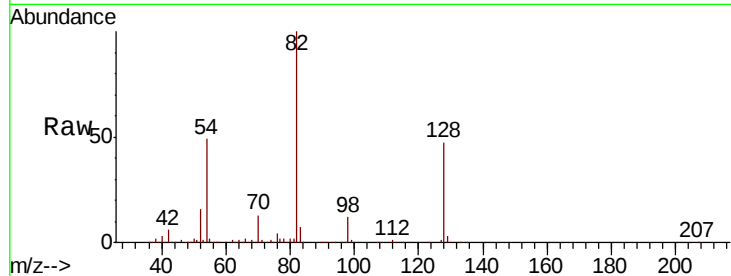
#23
Nitrobenzene-d5
Concen: 52.066 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.02 min
Lab File: BF121215.D
Acq: 6 Aug 2020 21:43

Instrument :
BNA_F
ClientSampleId :
8/5-A-EMSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	47.1	39.2	58.8	
54	49.3	37.8	56.8	

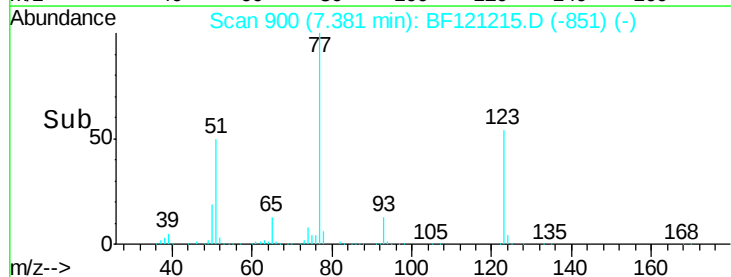
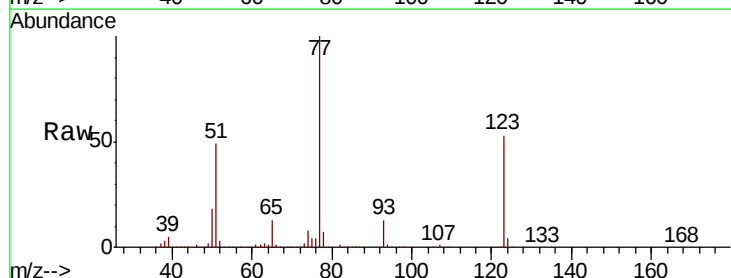
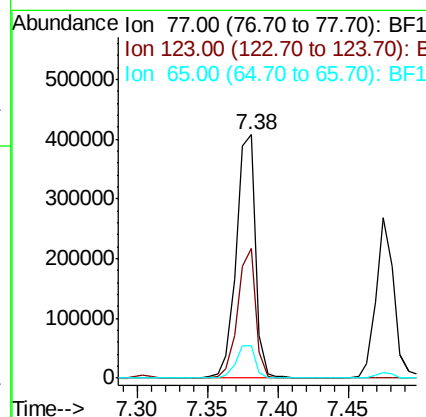
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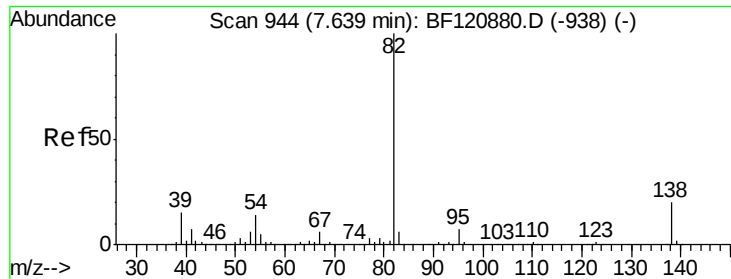
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#24
Nitrobenzene
Concen: 38.510 ng
RT: 7.38 min Scan# 900
Delta R.T. -0.01 min
Lab File: BF121215.D
Acq: 6 Aug 2020 21:43

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	53.4	41.0	61.6	
65	13.1	10.3	15.5	





#25

Isophorone

Concen: 37.355 ng

RT: 7.62 min Scan# 940

Delta R.T. -0.02 min

Lab File: BF121215.D

Acq: 6 Aug 2020 21:43

Instrument :

BNA_F

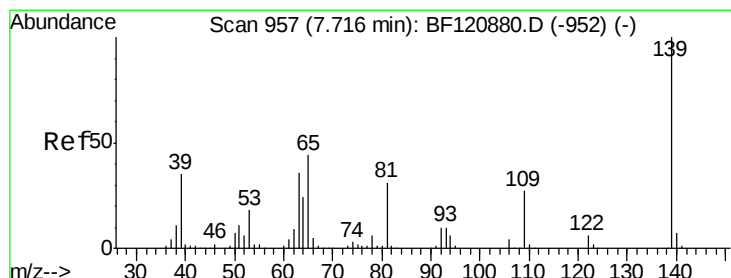
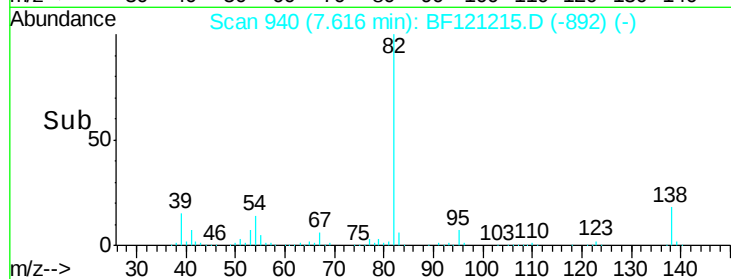
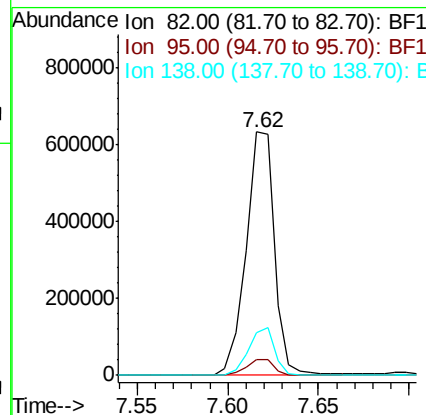
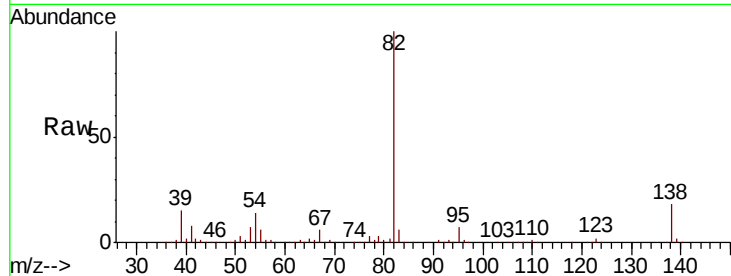
ClientSampleId :

8/5-A-EMSD

Tot Ion:	82	Resp:	688235
Ion Ratio	Lower	Upper	
82	100		
95	6.7	5.5	8.3
138	17.8	16.2	24.2

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#26

2-Nitrophenol

Concen: 42.954 ng

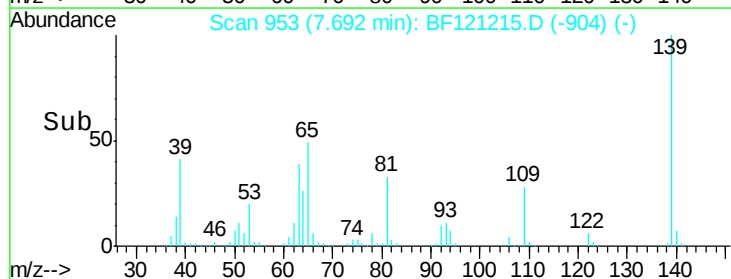
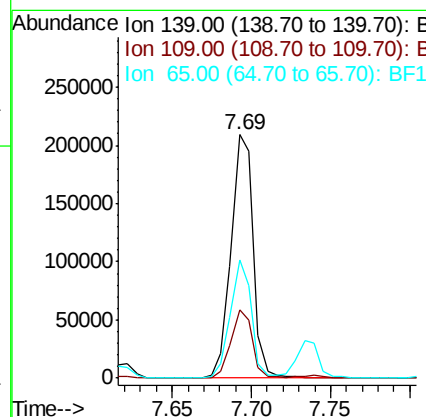
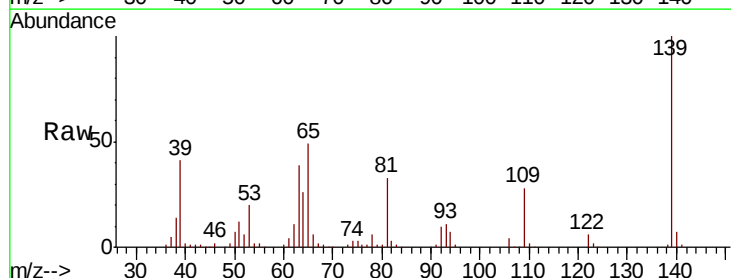
RT: 7.69 min Scan# 953

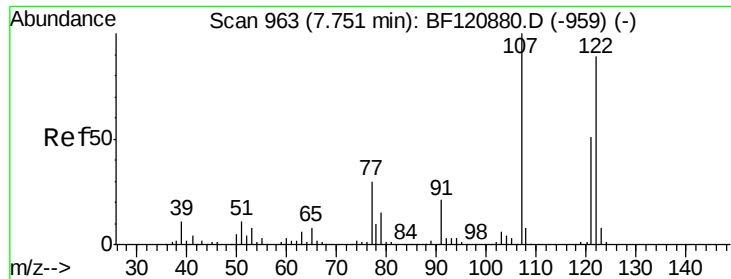
Delta R.T. -0.01 min

Lab File: BF121215.D

Acq: 6 Aug 2020 21:43

Tgt Ion:	139	Resp:	202975
Ion Ratio	Lower	Upper	
139	100		
109	28.0	21.7	32.5
65	48.8	36.3	54.5





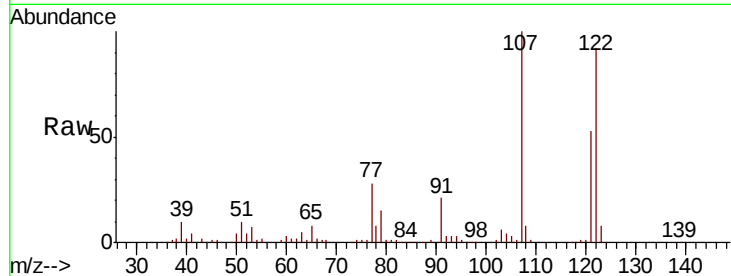
#27
2,4-Dimethylphenol
Concen: 43.233 ng
RT: 7.74 min Scan# 961
Delta R.T. -0.01 min
Lab File: BF121215.D
Acq: 6 Aug 2020 21:43

Instrument :
BNA_F
ClientSampleId :
8/5-A-EMSD

Tot Ion	Ratio	Resp	Lower	Upper
122	100	331691		
107	108.9	87.1	130.7	
121	57.8	45.5	68.3	

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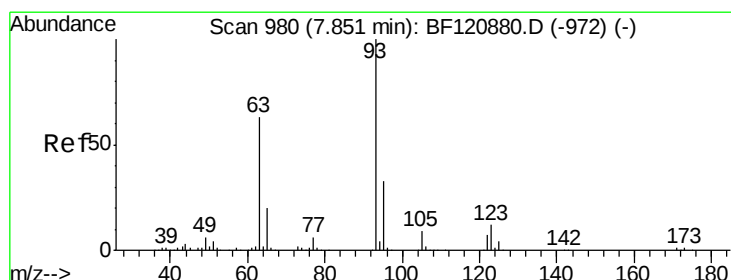
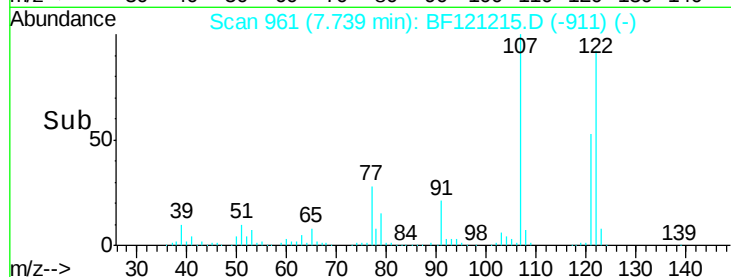
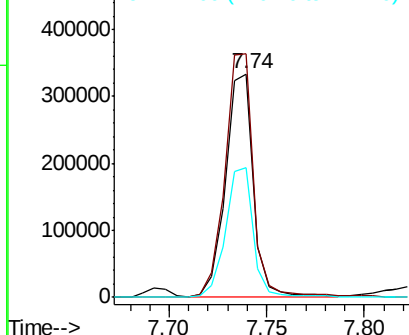


Abundance

Ion 122.00 (121.70 to 122.70): E

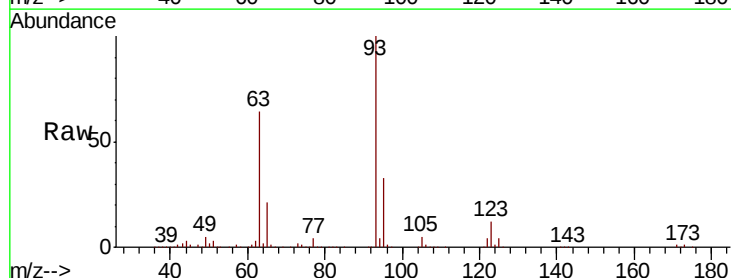
Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28
bis(2-Chloroethoxy)methane
Concen: 39.453 ng
RT: 7.83 min Scan# 976
Delta R.T. -0.01 min
Lab File: BF121215.D
Acq: 6 Aug 2020 21:43

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	443697		
95	33.3	26.2	39.4	
123	11.9	9.5	14.3	

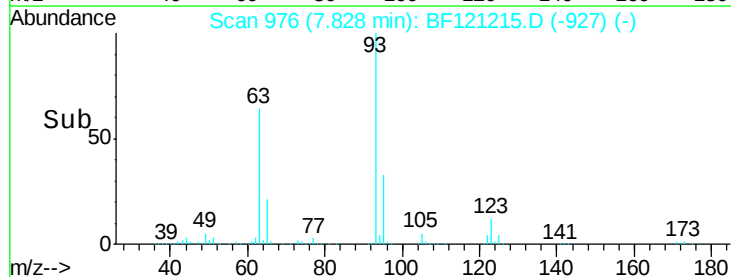
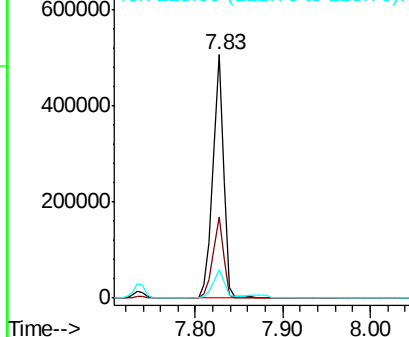


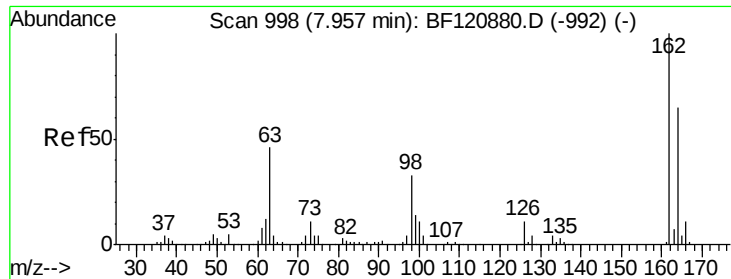
Abundance

Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E





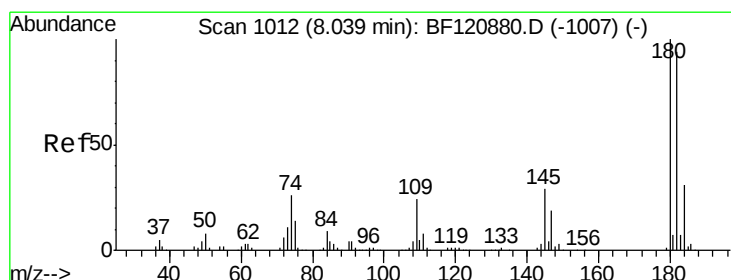
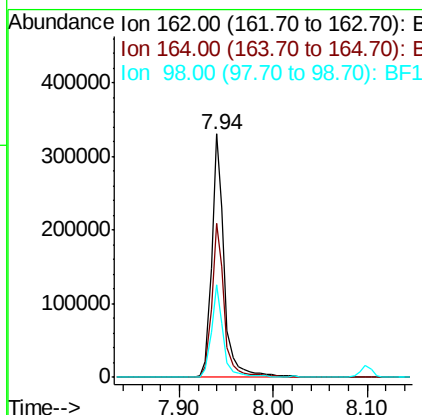
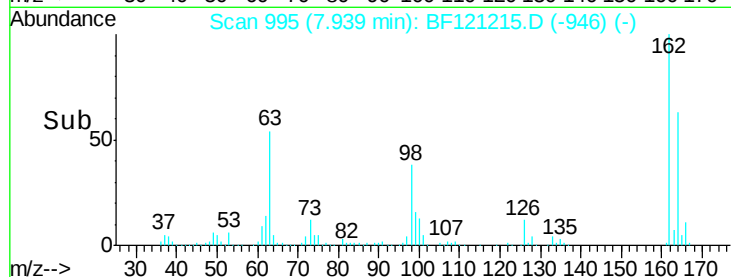
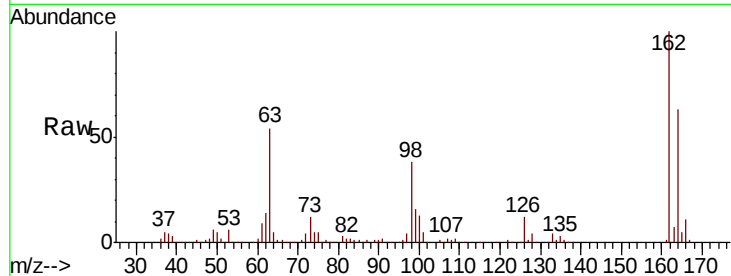
#29
2,4-Dichlorophenol
Concen: 40.000 ng
RT: 7.94 min Scan# 995
Delta R.T. -0.01 min
Lab File: BF121215.D
Acq: 6 Aug 2020 21:43

Instrument :
BNA_F
ClientSampleId :
8/5-A-EMSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100			
164	63.1	44.7	84.7	
98	37.8	14.2	54.2	

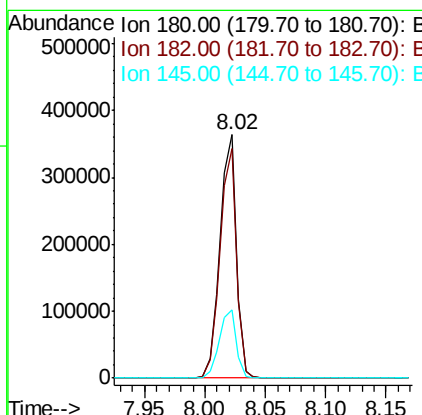
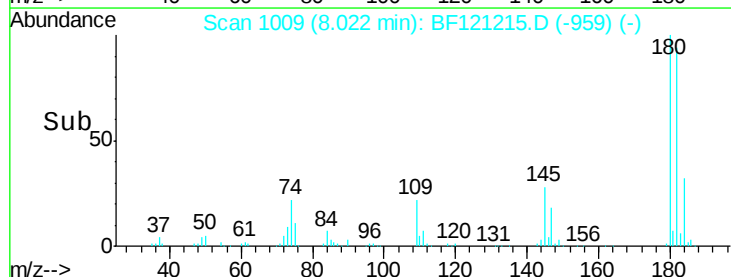
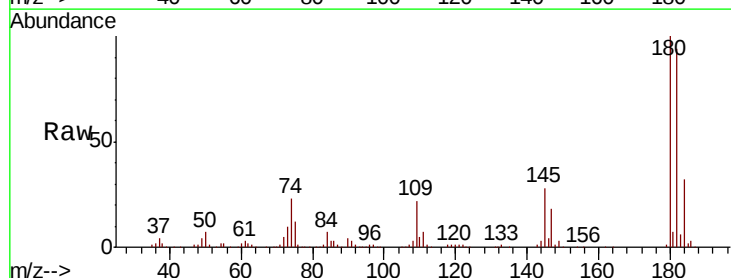
Manual Integrations
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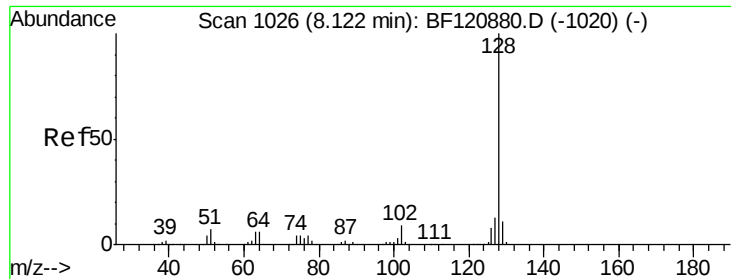
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#30
1,2,4-Trichlorobenzene
Concen: 39.199 ng
RT: 8.02 min Scan# 1009
Delta R.T. -0.01 min
Lab File: BF121215.D
Acq: 6 Aug 2020 21:43

Tgt Ion	Ratio	Resp	Lower	Upper
180	100			
182	94.4	76.4	114.6	
145	28.3	24.2	36.4	





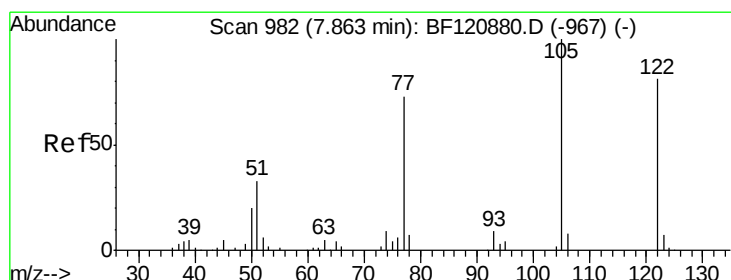
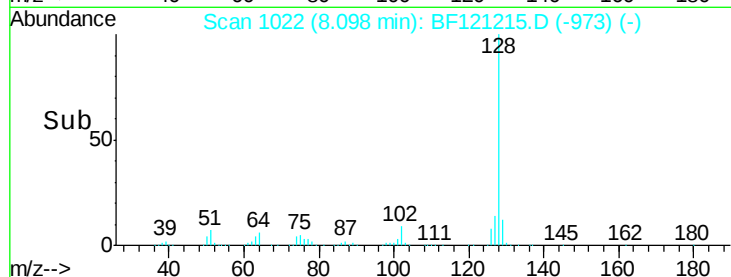
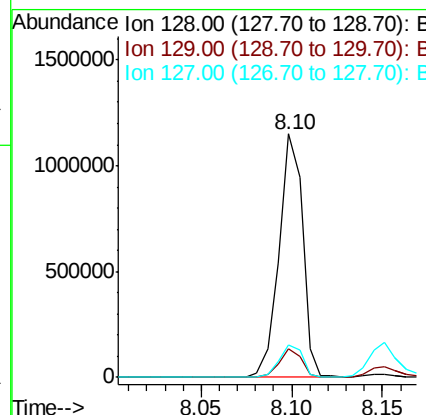
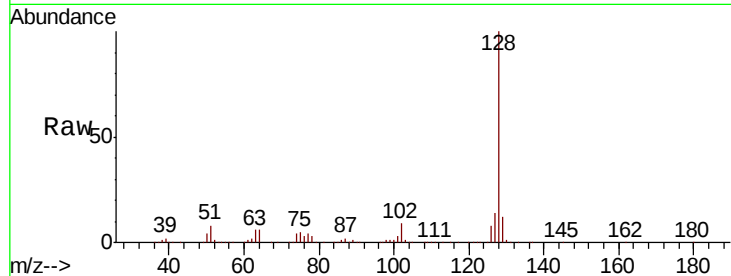
#31
Naphthalene
Concen: 38.021 ng
RT: 8.10 min Scan# 1022
Delta R.T. -0.01 min
Lab File: BF121215.D
Acq: 6 Aug 2020 21:43

Instrument :
BNA_F
ClientSampleId :
8/5-A-EMSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.6	9.3	13.9
127	13.5	10.8	16.2

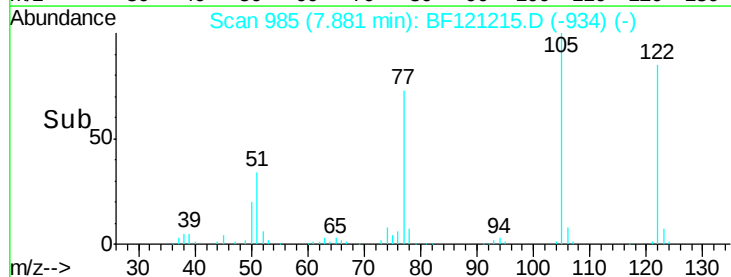
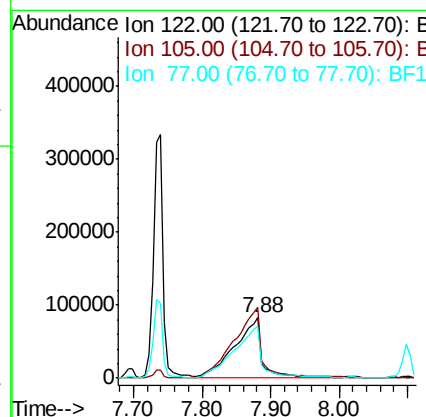
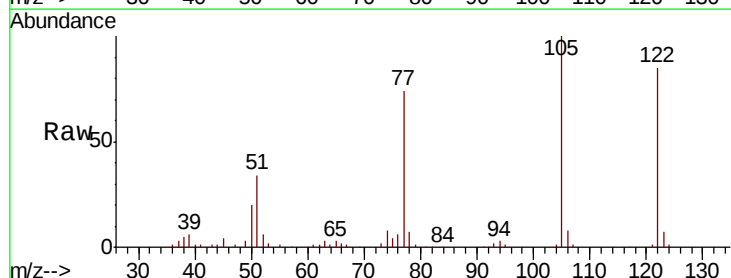
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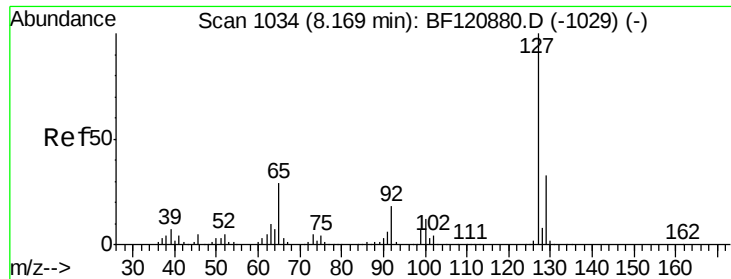
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#32
Benzoic acid
Concen: 38.949 ng
RT: 7.88 min Scan# 985
Delta R.T. 0.00 min
Lab File: BF121215.D
Acq: 6 Aug 2020 21:43

Tgt Ion	Ratio	Lower	Upper
122	100		
105	117.2	100.9	140.9
77	86.4	67.8	107.8





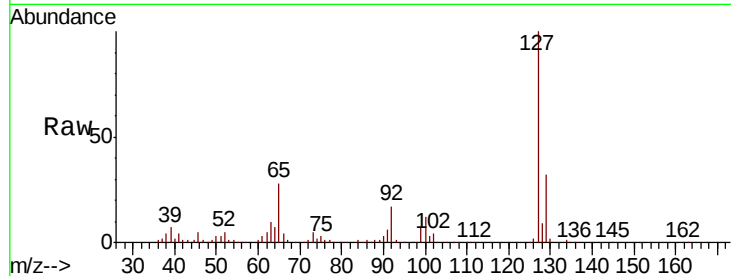
#33
4-Chloroaniline
Concen: 16.583 ng
RT: 8.15 min Scan# 1031
Delta R.T. -0.01 min
Lab File: BF121215.D
Acq: 6 Aug 2020 21:43

Instrument :
BNA_F
ClientSampleId :
8/5-A-EMSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	31.7	26.2	39.2		
65	28.3	21.4	32.0		
92	17.3	13.8	20.8		

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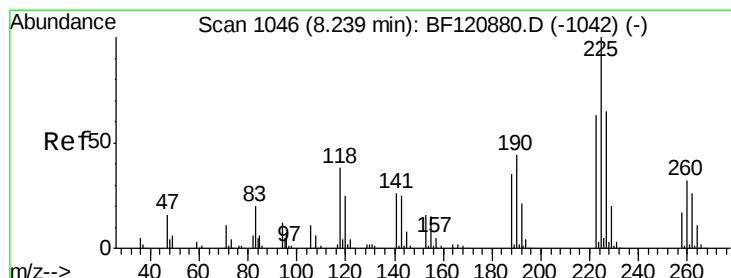
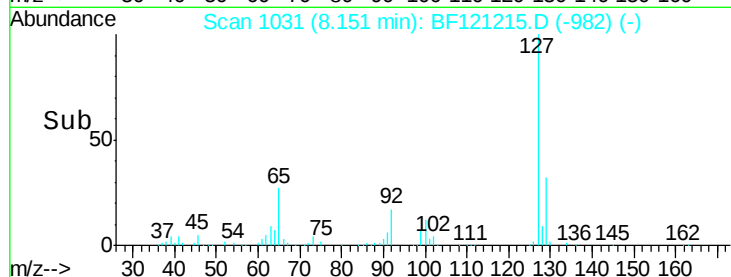
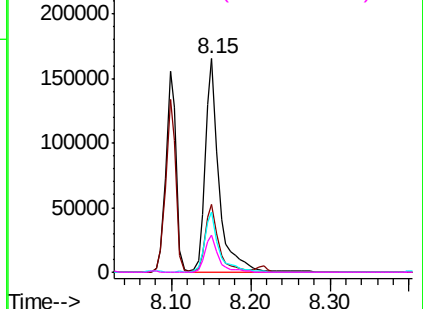
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

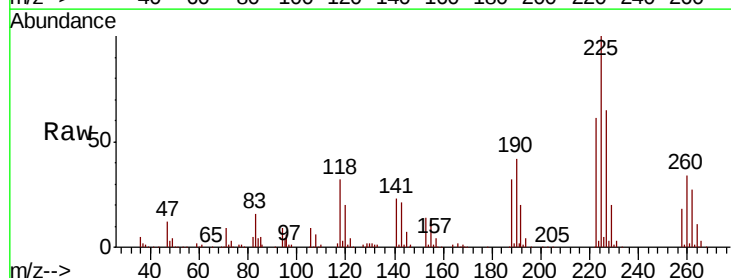
Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34
Hexachlorobutadiene
Concen: 37.772 ng
RT: 8.22 min Scan# 1042
Delta R.T. -0.01 min
Lab File: BF121215.D
Acq: 6 Aug 2020 21:43

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	61.3	49.7	74.5		
227	64.7	51.4	77.0		

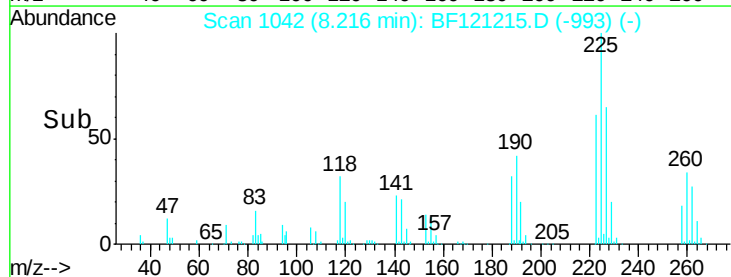
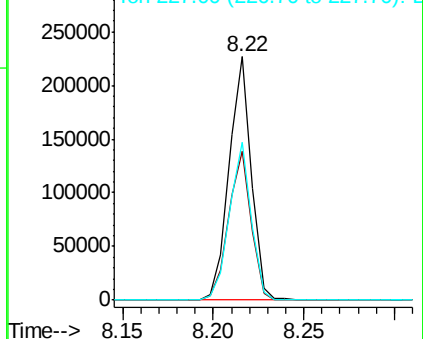


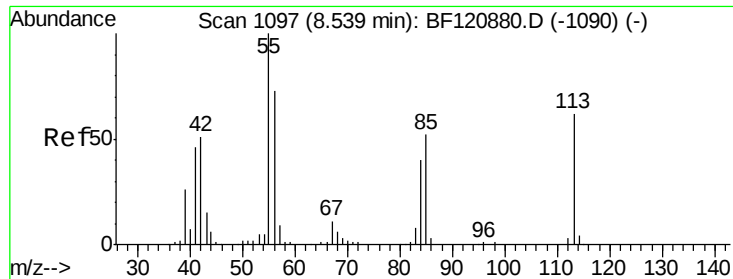
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





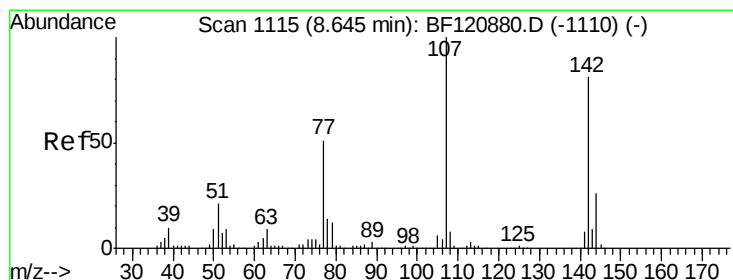
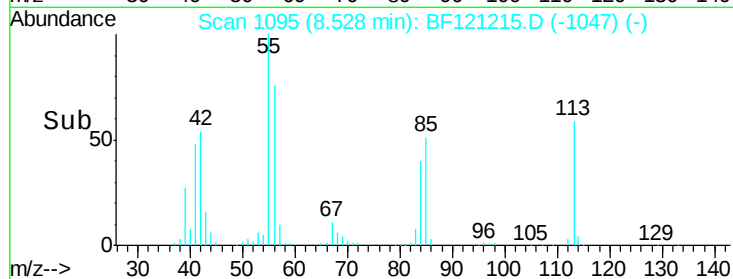
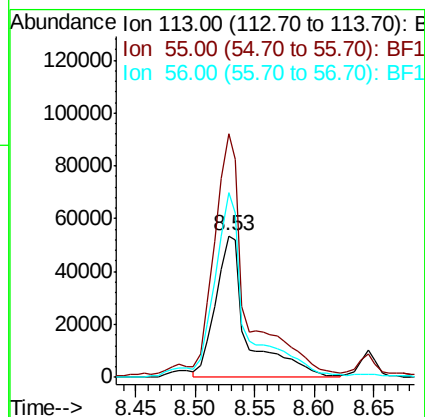
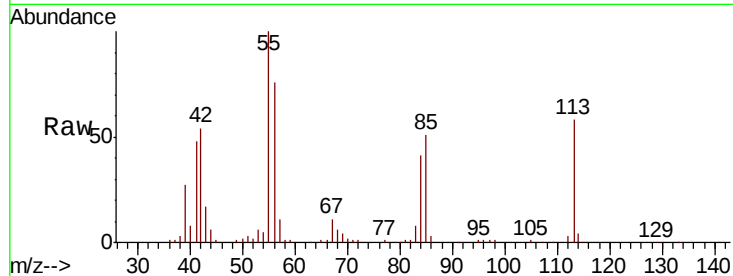
#35
Caprolactam
Concen: 40.267 ng m
RT: 8.53 min Scan# 1095
Delta R.T. -0.02 min
Lab File: BF121215.D
Acq: 6 Aug 2020 21:43

Instrument :
BNA_F
ClientSampleId :
8/5-A-EMSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
113	100				
55	172.1		131.0	171.0#	
56	130.4		90.4	130.4	

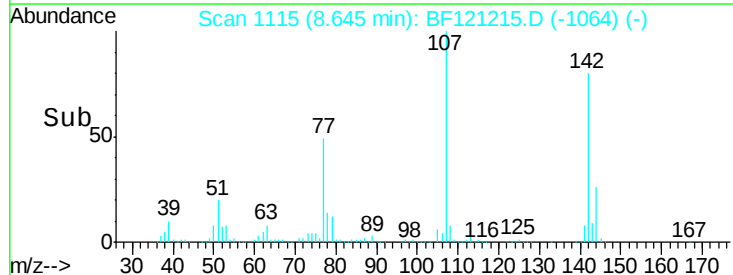
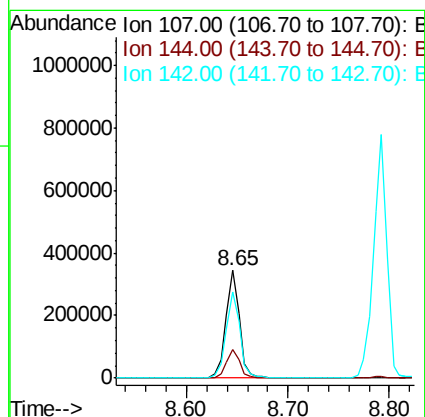
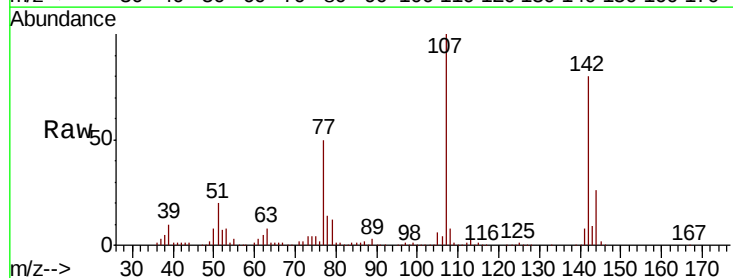
Manual Integrations
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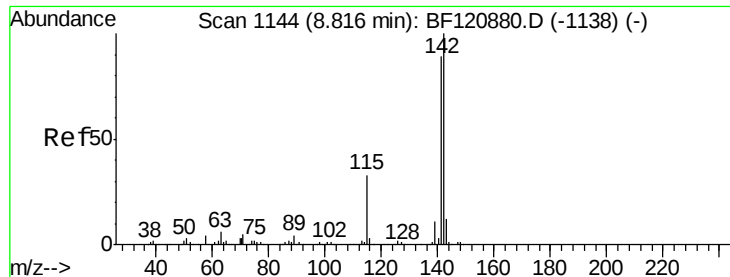
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#36
4-Chloro-3-methylphenol
Concen: 40.320 ng
RT: 8.65 min Scan# 1115
Delta R.T. 0.00 min
Lab File: BF121215.D
Acq: 6 Aug 2020 21:43

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
144	26.5		20.9	31.3	
142	80.4		64.5	96.7	





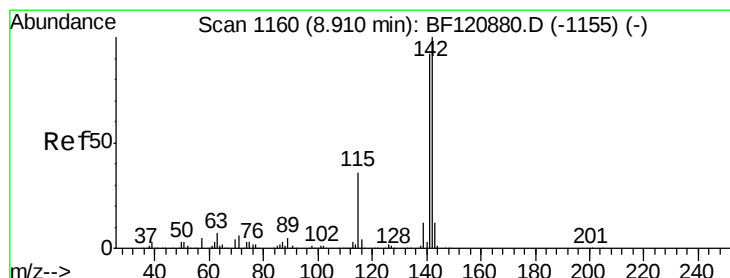
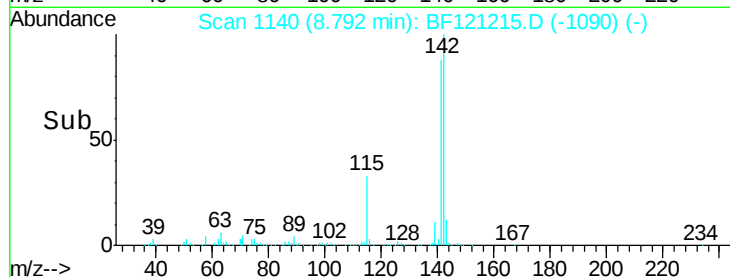
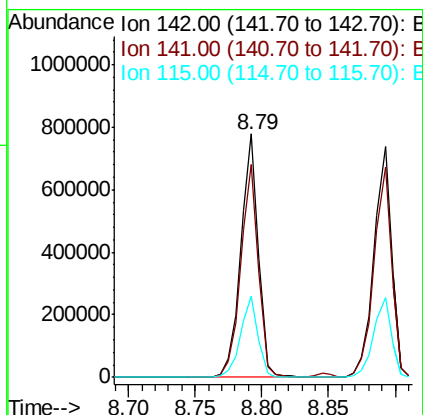
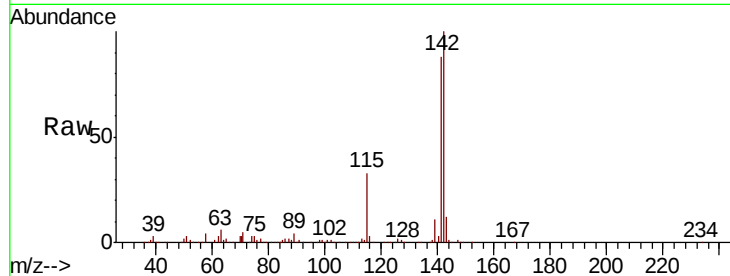
#37
2-Methylnaphthalene
Concen: 40.213 ng
RT: 8.79 min Scan# 1140
Delta R.T. -0.01 min
Lab File: BF121215.D
Acq: 6 Aug 2020 21:43

Instrument :
BNA_F
ClientSampleId :
8/5-A-EMSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	87.7	70.6	105.8
115	33.2	27.1	40.7

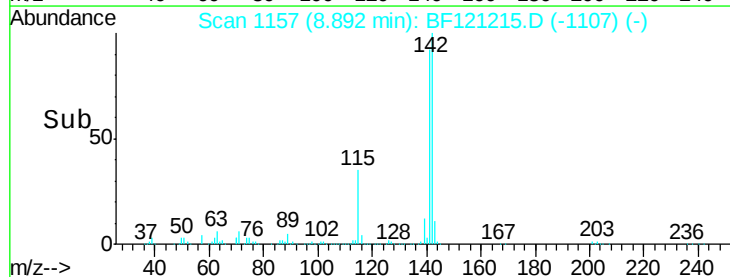
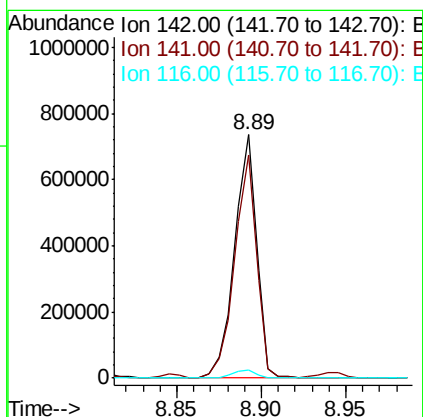
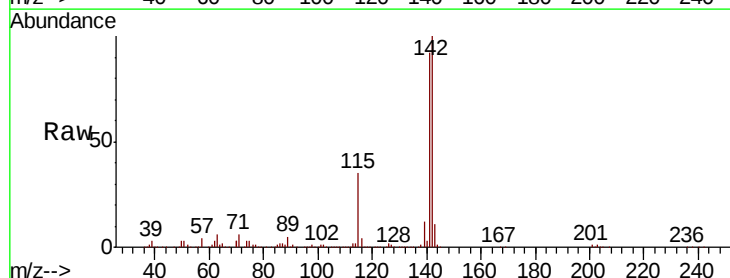
Manual Integrations
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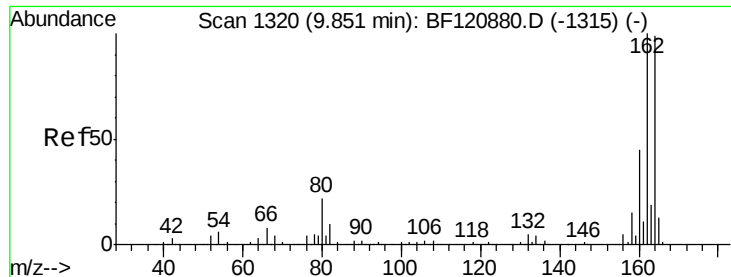
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#38
1-Methylnaphthalene
Concen: 39.489 ng
RT: 8.89 min Scan# 1157
Delta R.T. -0.01 min
Lab File: BF121215.D
Acq: 6 Aug 2020 21:43

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.6	73.0	109.6
116	3.6	3.0	4.6





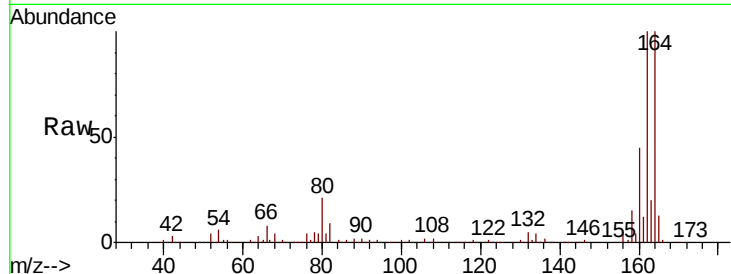
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.01 min
Lab File: BF121215.D
Acq: 6 Aug 2020 21:43

Instrument :
BNA_F
ClientSampleId :
8/5-A-EMSD

Tot Ion	Ratio	Resp	Lower	Upper
164	100	275022		
162	100.0	82.2	123.2	
160	45.0	37.2	55.8	

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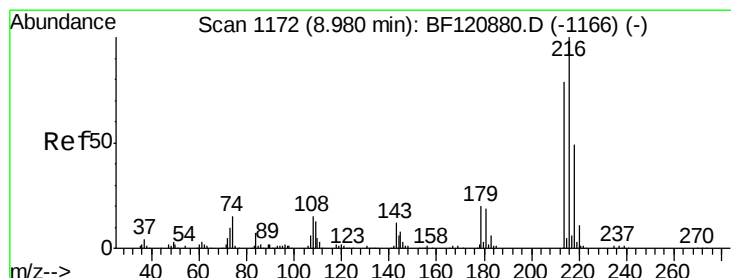
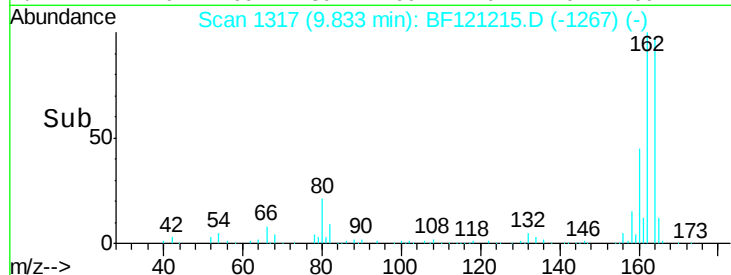
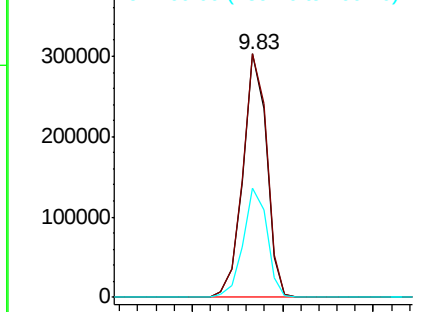


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.640 ng
RT: 8.96 min Scan# 1168
Delta R.T. -0.01 min
Lab File: BF121215.D
Acq: 6 Aug 2020 21:43

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	333661		
214	79.8	63.9	95.9	
179	20.6	16.6	24.8	
108	18.4	15.0	22.4	

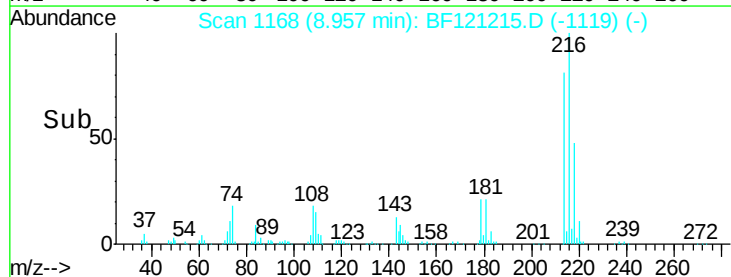
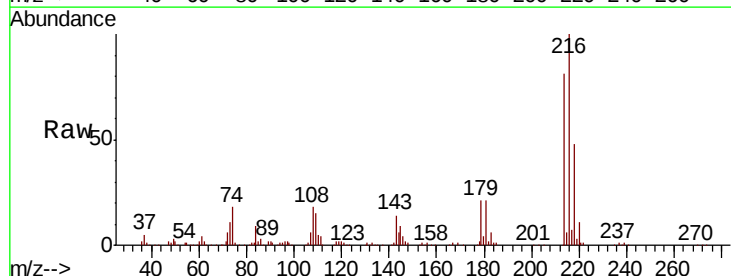
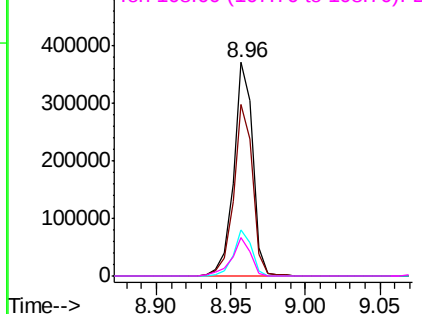
Abundance

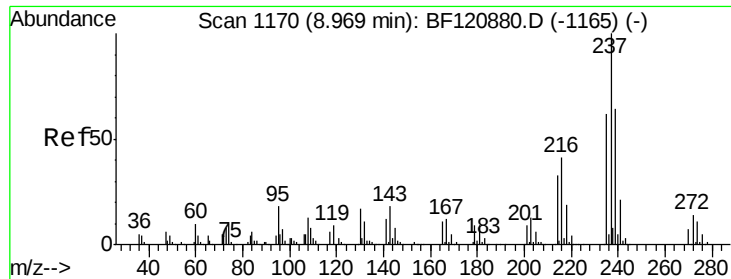
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





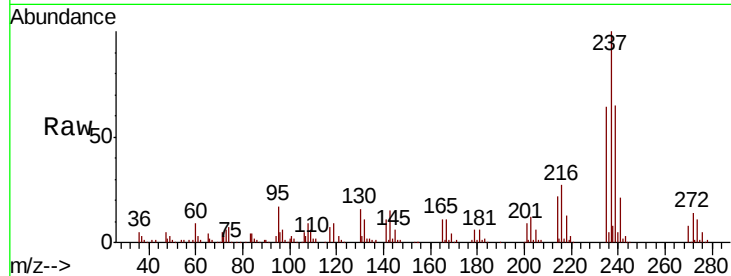
#41
Hexachlorocyclopentadiene
Concen: 31.156 ng
RT: 8.95 min Scan# 1166
Delta R.T. -0.01 min
Lab File: BF121215.D
Acq: 6 Aug 2020 21:43

Instrument :
BNA_F
ClientSampleId :
8/5-A-EMSD

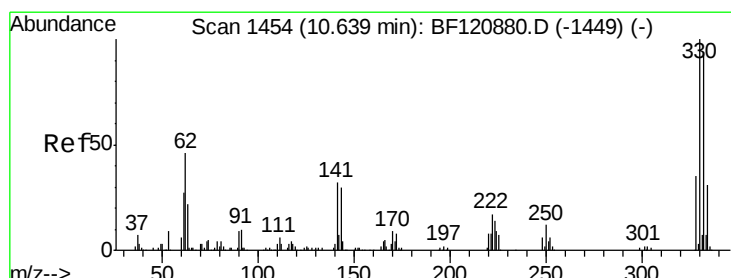
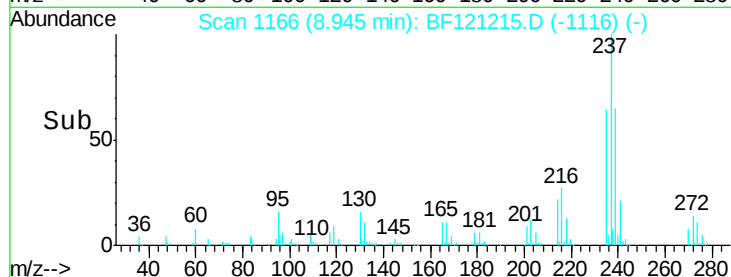
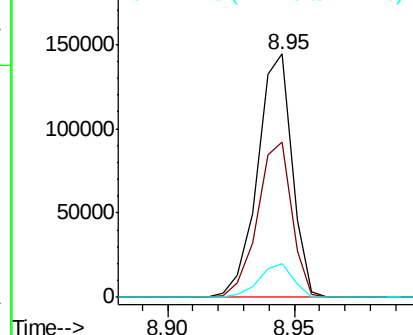
Tot Ion:	237	Resp:	137978
Ion Ratio	Lower	Upper	
237	100		
235	63.7	43.2	83.2
272	13.8	0.0	33.6

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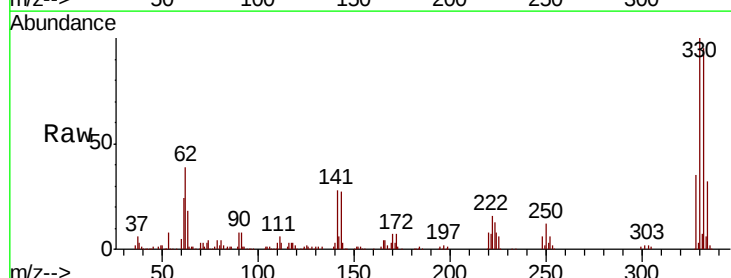


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

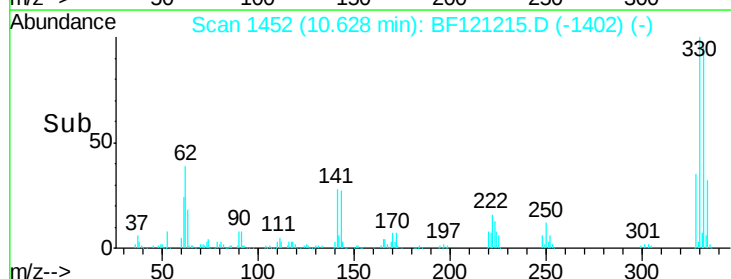
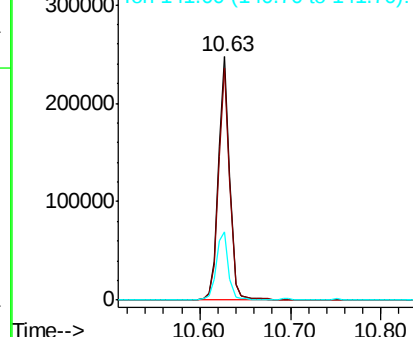


#42
2,4,6-Tribromophenol
Concen: 72.106 ng
RT: 10.63 min Scan# 1452
Delta R.T. -0.01 min
Lab File: BF121215.D
Acq: 6 Aug 2020 21:43

Tgt Ion:	330	Resp:	217067
Ion Ratio	Lower	Upper	
330	100		
332	94.7	76.1	114.1
141	30.5	24.1	36.1



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





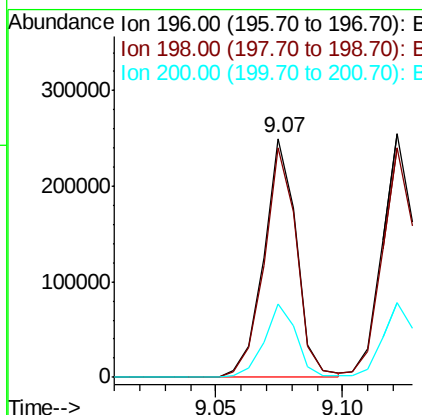
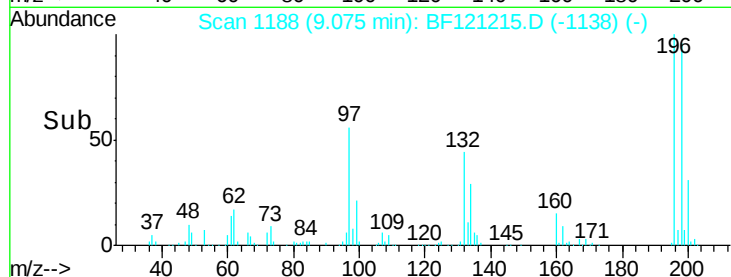
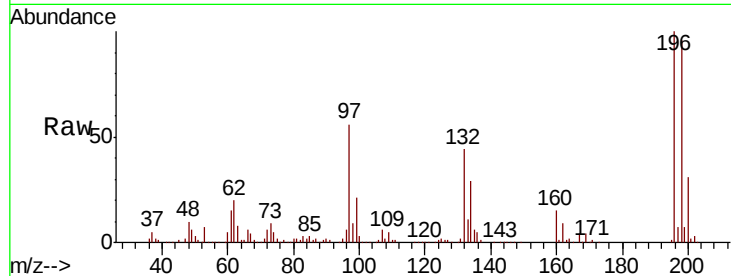
#43
 2,4,6-Trichlorophenol
 Concen: 39.888 ng
 RT: 9.07 min Scan# 1188
 Delta R.T. -0.01 min
 Lab File: BF121215.D
 Acq: 6 Aug 2020 21:43

Instrument :
 BNA_F
 ClientSampleId :
 8/5-A-EMSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	225040		
198	96.2	77.5	116.3	
200	30.8	24.6	37.0	

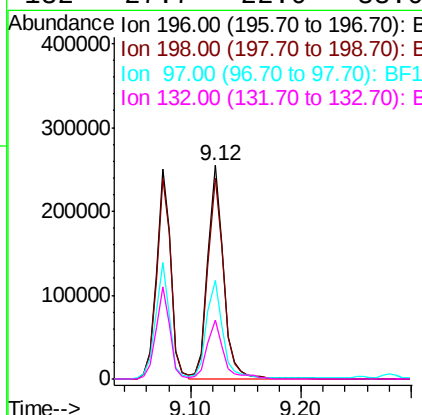
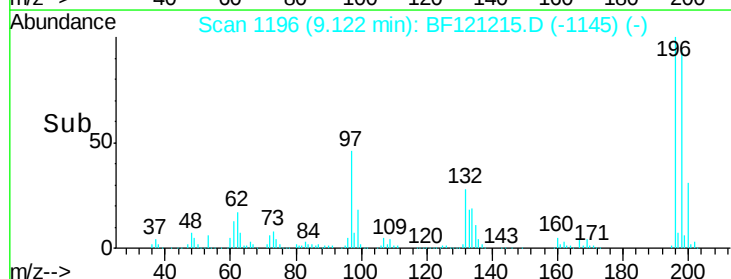
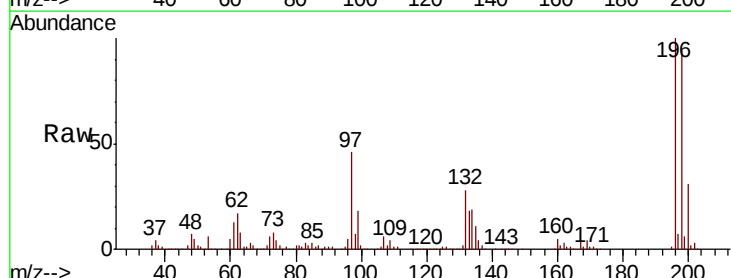
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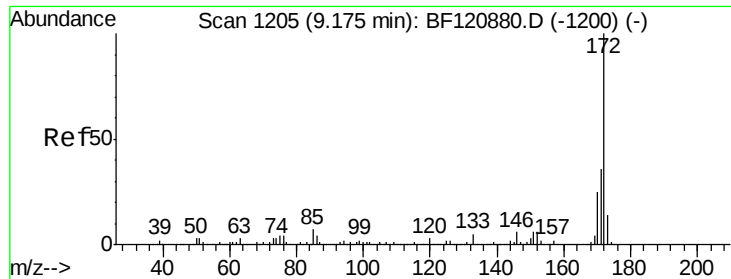
mohammad
 8/7/2020 1:51:11 PM



#44
 2,4,5-Trichlorophenol
 Concen: 38.307 ng
 RT: 9.12 min Scan# 1196
 Delta R.T. 0.00 min
 Lab File: BF121215.D
 Acq: 6 Aug 2020 21:43

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	245156		
198	94.2	76.2	114.4	
97	46.4	37.3	55.9	
132	27.7	22.0	33.0	





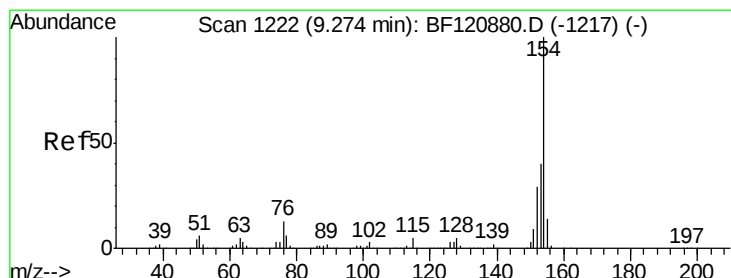
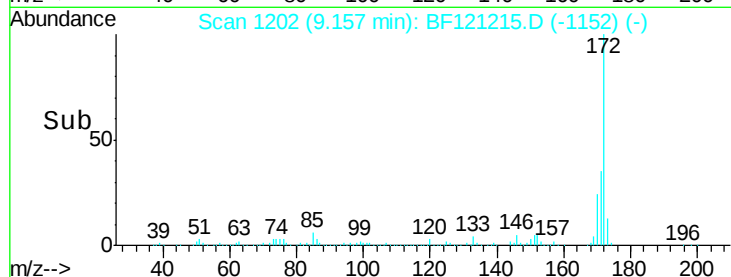
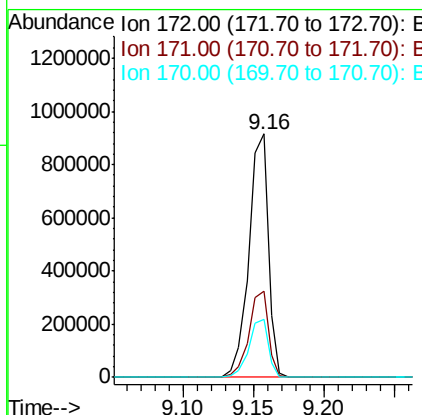
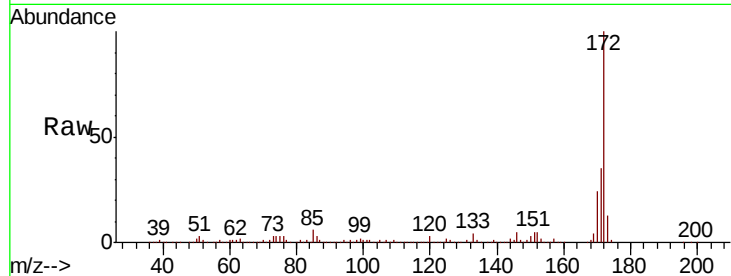
#45
2-Fluorobiphenyl
Concen: 48.347 ng
RT: 9.16 min Scan# 1202
Delta R.T. -0.01 min
Lab File: BF121215.D
Acq: 6 Aug 2020 21:43

Instrument :
BNA_F
ClientSampleId :
8/5-A-EMSD

Tot Ion	Ratio	Resp	Lower	Upper
172	100			
171	35.4	29.0	43.4	
170	23.6	19.6	29.4	

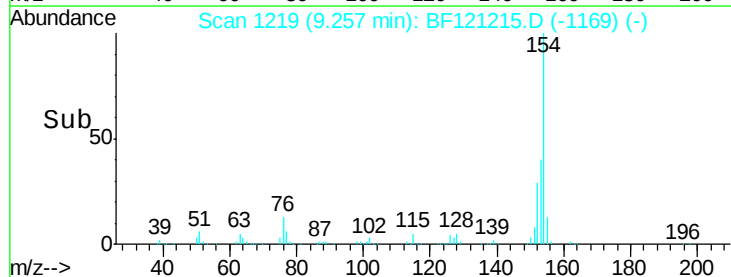
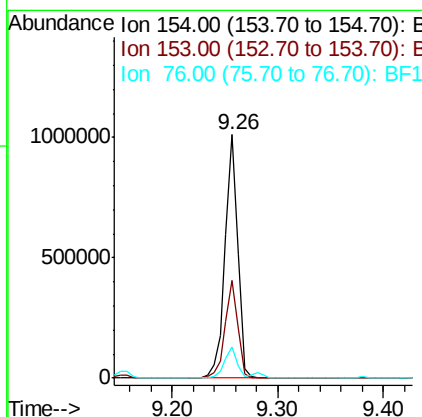
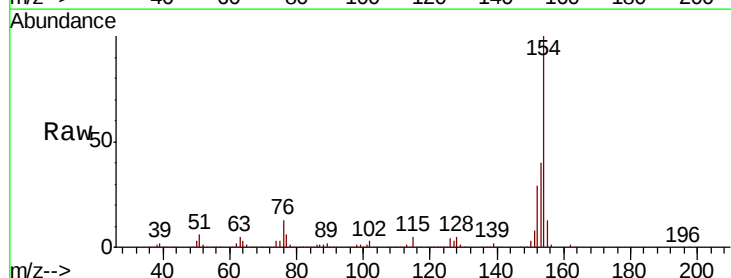
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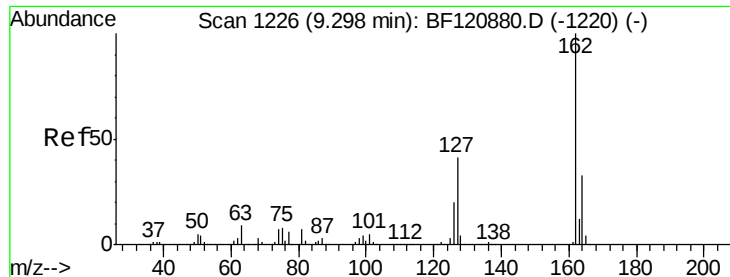
mohammad
8/7/2020 1:51:11 PM



#46
1,1'-Biphenyl
Concen: 40.804 ng
RT: 9.26 min Scan# 1219
Delta R.T. -0.01 min
Lab File: BF121215.D
Acq: 6 Aug 2020 21:43

Tgt Ion	Ratio	Resp	Lower	Upper
154	100			
153	40.3	20.6	60.6	
76	12.6	0.0	33.4	





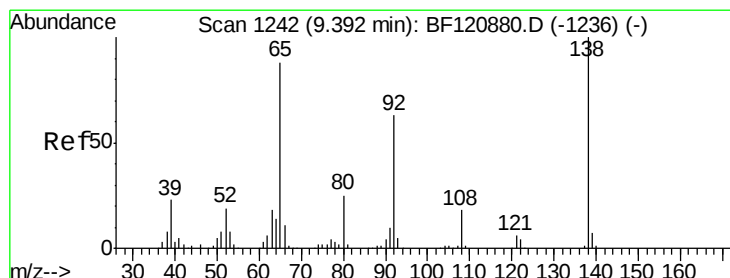
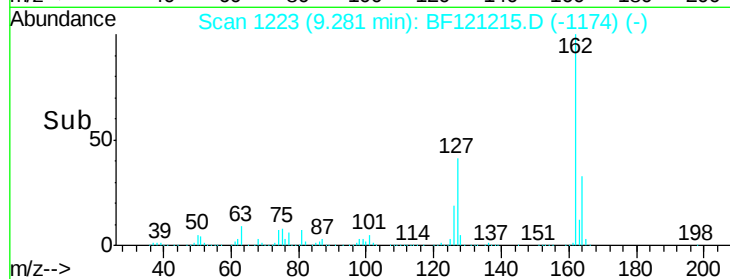
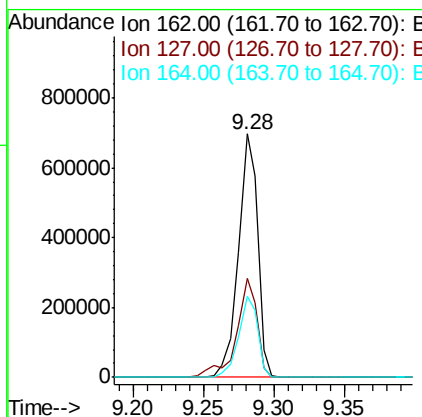
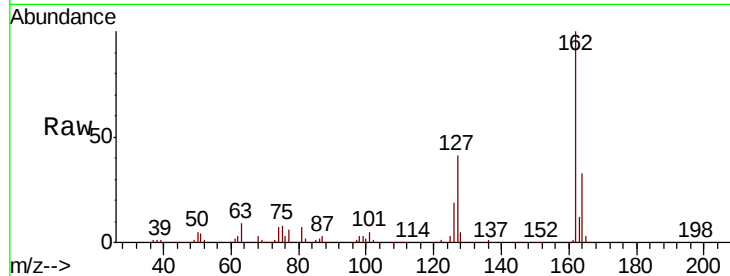
#47
 2-Chloronaphthalene
 Concen: 38.723 ng
 RT: 9.28 min Scan# 1223
 Delta R.T. -0.01 min
 Lab File: BF121215.D
 Acq: 6 Aug 2020 21:43

Instrument :
 BNA_F
 ClientSampleId :
 8/5-A-EMSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	662315		
127	40.7		31.1	46.7
164	33.0		26.6	40.0

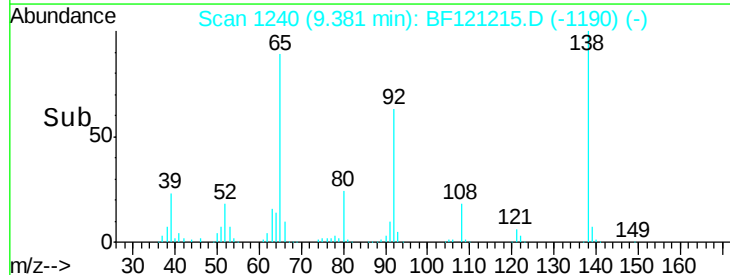
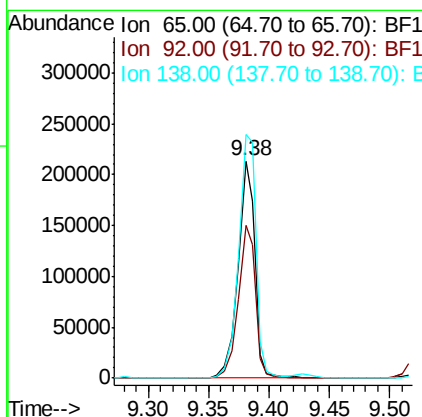
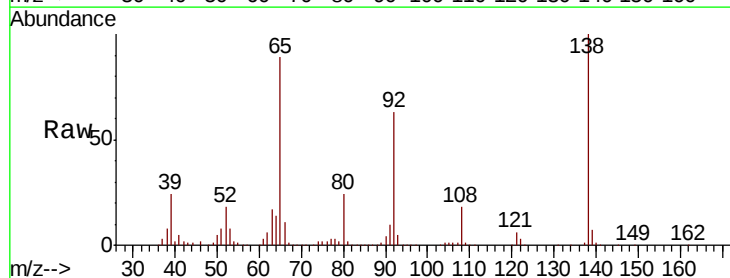
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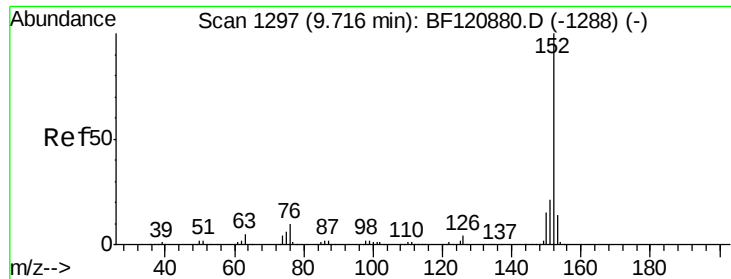
mohammad
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#48
 2-Nitroaniline
 Concen: 40.650 ng
 RT: 9.38 min Scan# 1240
 Delta R.T. -0.01 min
 Lab File: BF121215.D
 Acq: 6 Aug 2020 21:43

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	210115		
92	70.3		58.0	87.0
138	112.1		93.3	139.9





#49

Acenaphthylene

Concen: 39.594 ng

RT: 9.70 min Scan# 1294

Delta R.T. -0.01 min

Lab File: BF121215.D

Acq: 6 Aug 2020 21:43

Instrument :

BNA_F

ClientSampleId :

8/5-A-EMSD

Tot Ion:152 Resp: 1052075

Ion Ratio Lower Upper

152 100

151 20.4 16.6 25.0

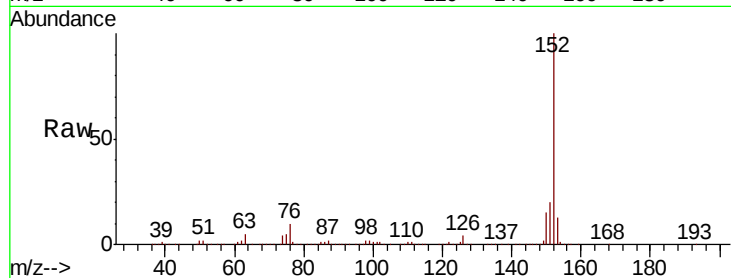
153 13.4 11.0 16.4

Manual Integrations

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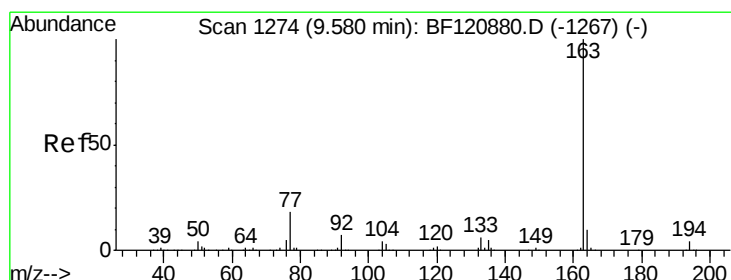
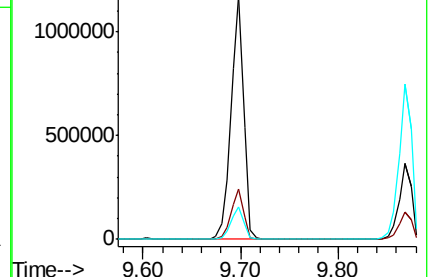
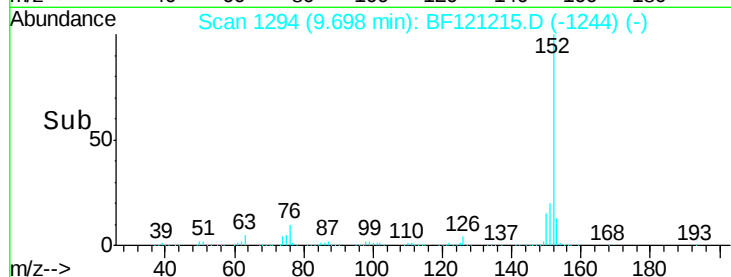
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Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 44.535 ng

RT: 9.56 min Scan# 1271

Delta R.T. -0.01 min

Lab File: BF121215.D

Acq: 6 Aug 2020 21:43

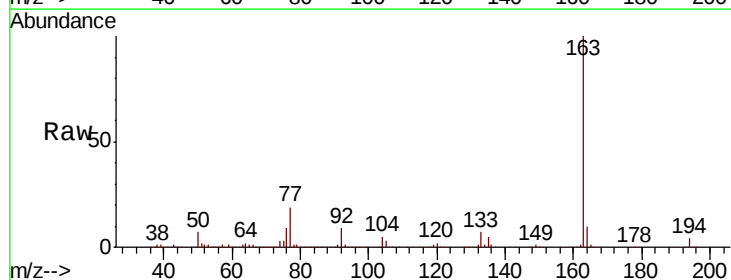
Tgt Ion:163 Resp: 883634

Ion Ratio Lower Upper

163 100

194 3.9 3.0 4.4

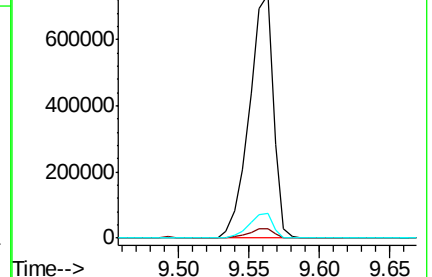
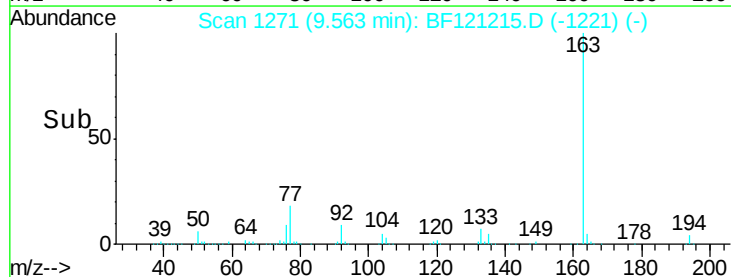
164 10.2 8.4 12.6



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





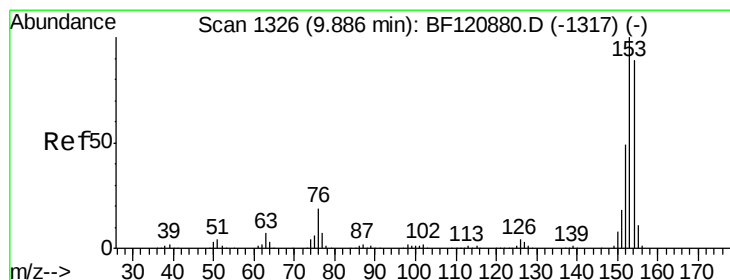
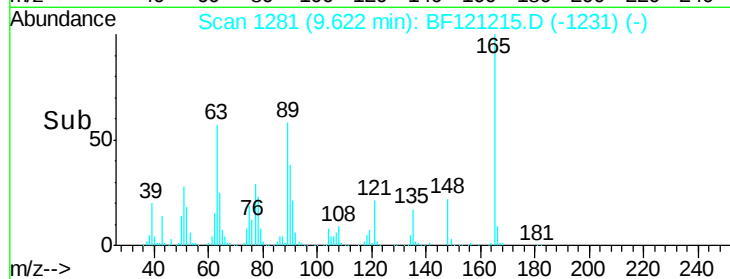
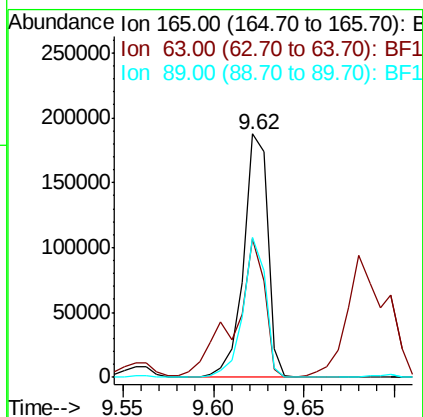
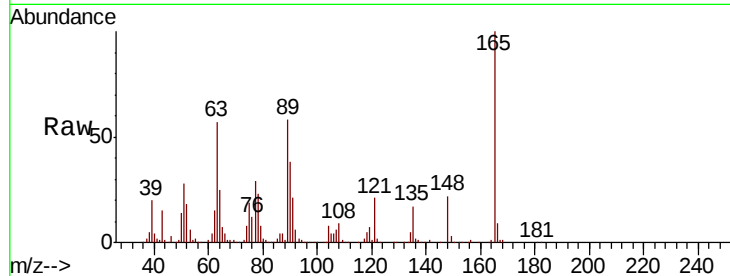
#51
2,6-Dinitrotoluene
Concen: 40.671 ng
RT: 9.62 min Scan# 1281
Delta R.T. -0.01 min
Lab File: BF121215.D
Acq: 6 Aug 2020 21:43

Instrument :
BNA_F
ClientSampleID :
8/5-A-EMSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	173366		
63	57.1	41.1	61.7	
89	57.7	43.5	65.3	

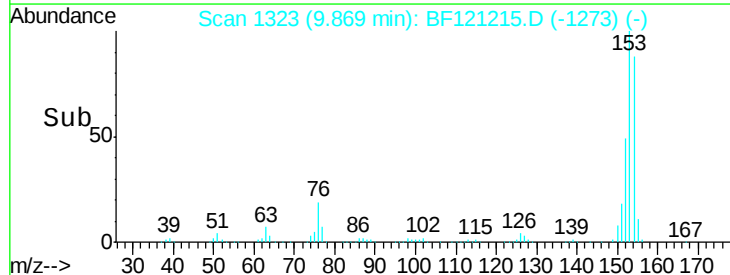
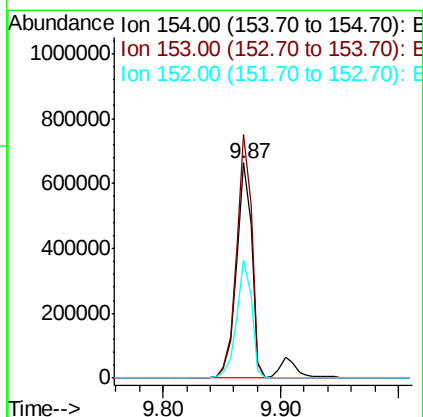
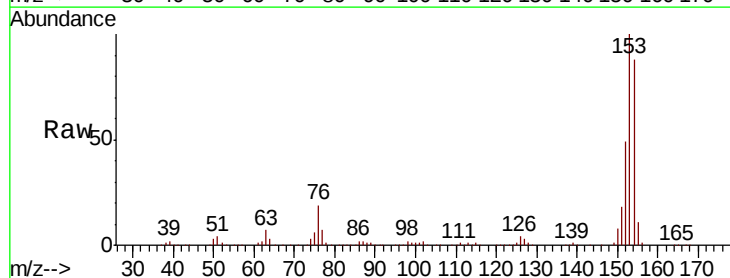
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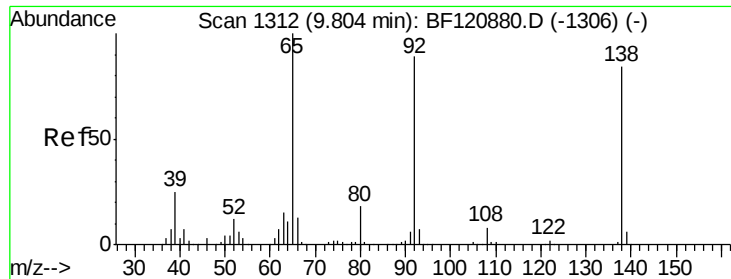
mohammad
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#52
Acenaphthene
Concen: 39.737 ng m
RT: 9.87 min Scan# 1323
Delta R.T. -0.01 min
Lab File: BF121215.D
Acq: 6 Aug 2020 21:43

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	671298		
153	113.1	89.6	134.4	
152	55.1	43.8	65.6	





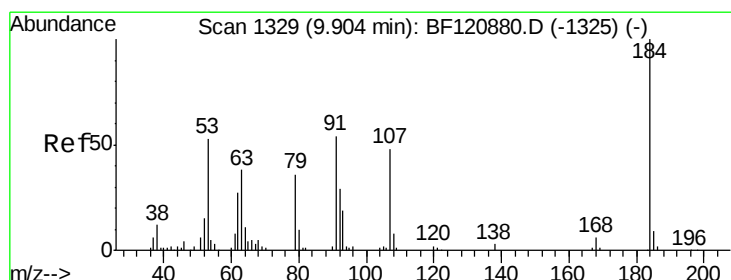
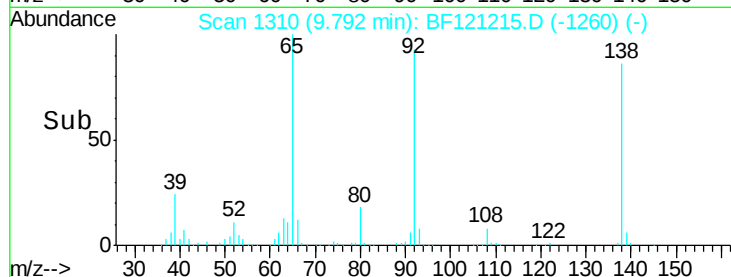
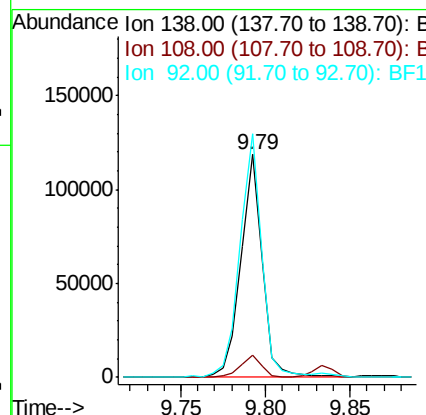
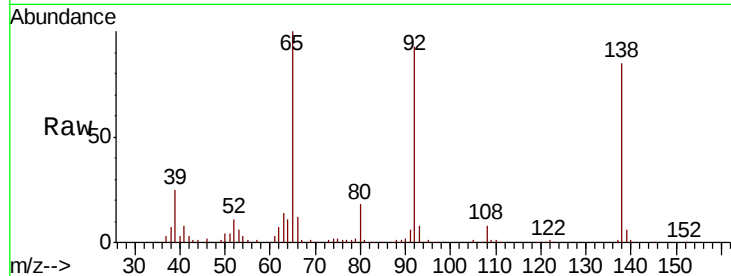
#53
3-Nitroaniline
Concen: 19.557 ng
RT: 9.79 min Scan# 1310
Delta R.T. -0.01 min
Lab File: BF121215.D
Acq: 6 Aug 2020 21:43

Instrument :
BNA_F
ClientSampleId :
8/5-A-EMSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	9.7	7.8	11.8
92	109.4	85.0	127.4

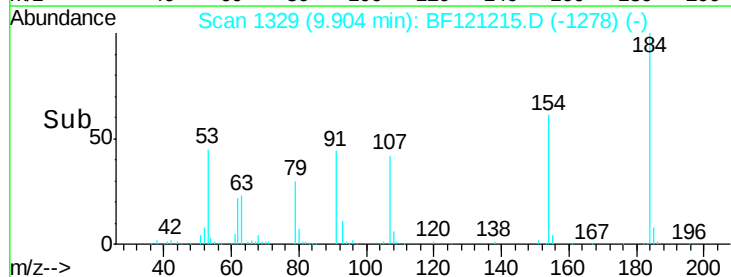
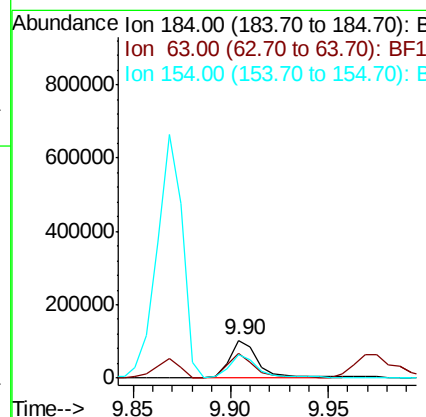
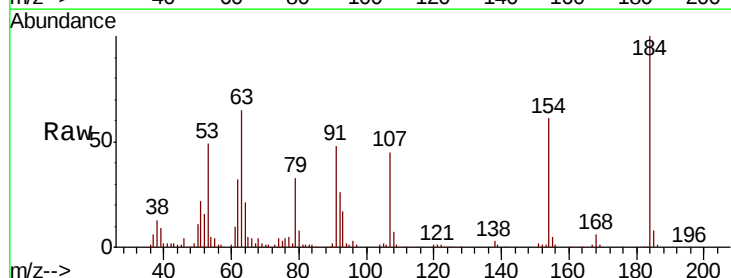
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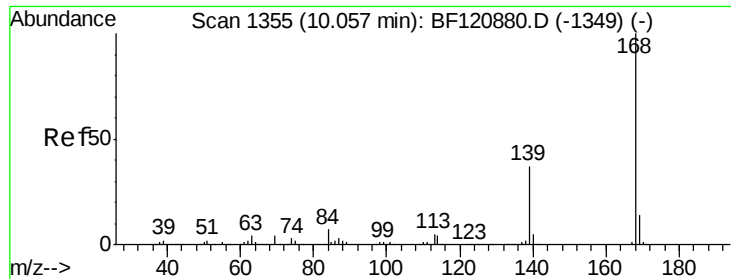
mohammad
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#54
2,4-Dinitrophenol
Concen: 46.955 ng
RT: 9.90 min Scan# 1329
Delta R.T. 0.00 min
Lab File: BF121215.D
Acq: 6 Aug 2020 21:43

Tgt Ion	Ratio	Lower	Upper
184	100		
63	64.6	42.5	63.7#
154	61.4	46.8	70.2





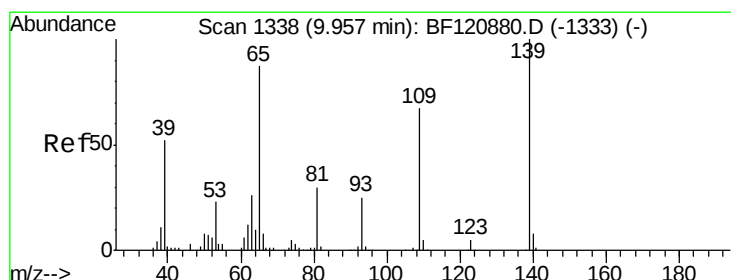
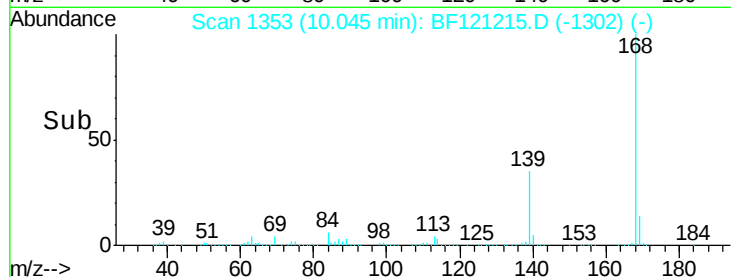
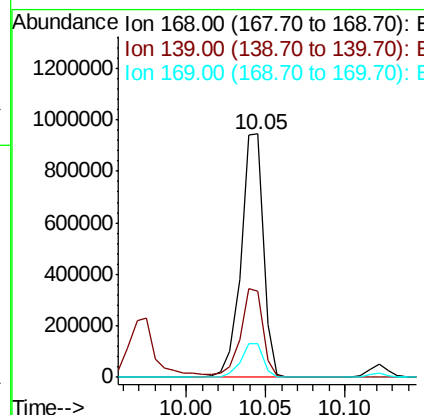
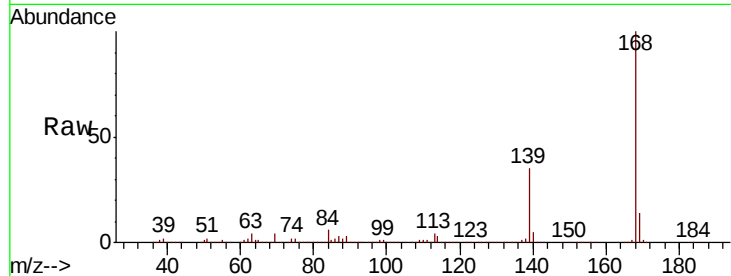
#55
Dibenzofuran
Concen: 37.814 ng
RT: 10.05 min Scan# 1353
Delta R.T. 0.00 min
Lab File: BF121215.D
Acq: 6 Aug 2020 21:43

Instrument :
BNA_F
ClientSampleId :
8/5-A-EMSD

Tot Ion	Ratio	Lower	Upper
168	100		
139	35.4	30.1	45.1
169	13.7	11.3	16.9

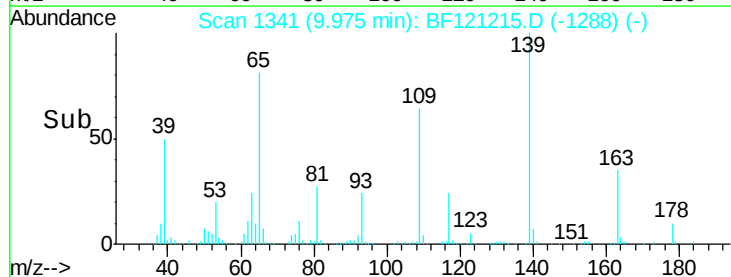
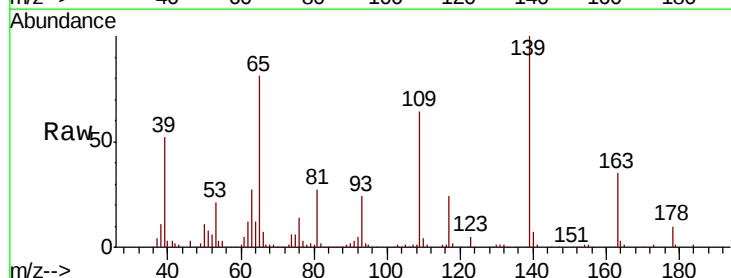
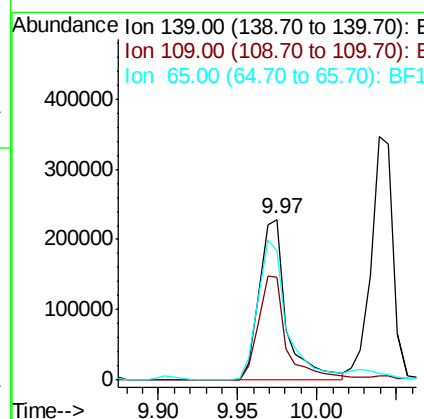
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#56
4-Nitrophenol
Concen: 68.012 ng
RT: 9.97 min Scan# 1341
Delta R.T. 0.01 min
Lab File: BF121215.D
Acq: 6 Aug 2020 21:43

Tgt Ion	Ratio	Lower	Upper
139	100		
109	63.7	44.8	84.8
65	81.1	65.6	105.6





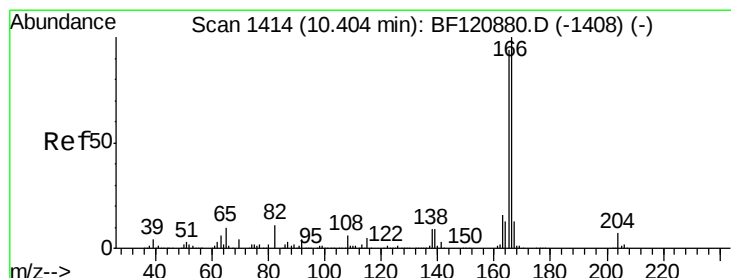
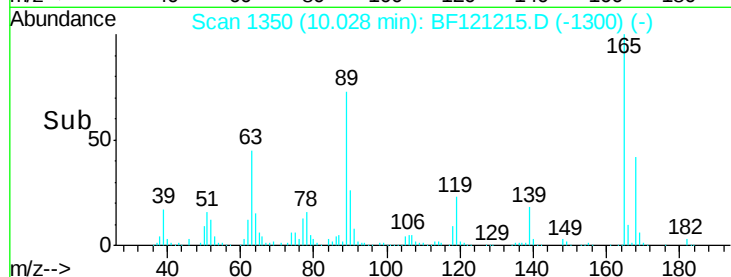
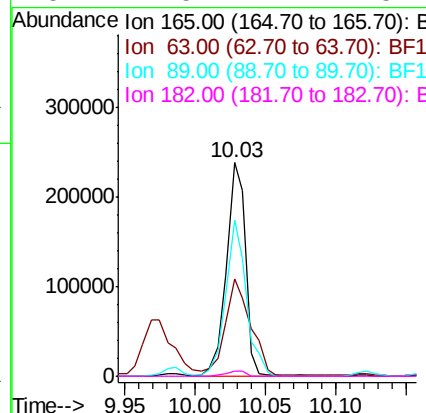
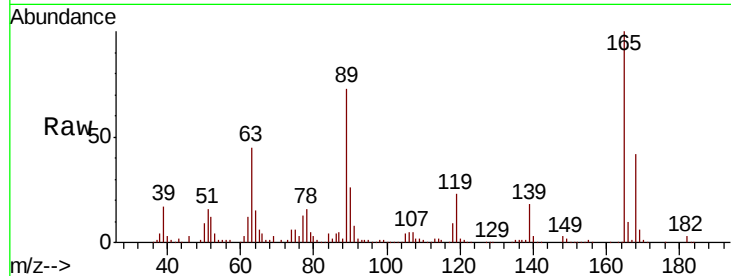
#57
2,4-Dinitrotoluene
Concen: 40.285 ng
RT: 10.03 min Scan# 1350
Delta R.T. -0.01 min
Lab File: BF121215.D
Acq: 6 Aug 2020 21:43

Instrument :
BNA_F
ClientSampleId :
8/5-A-EMSD

Tot Ion	Ratio	Resp Lower	Upper
165	100		
63	45.3	29.8	44.8#
89	73.3	50.3	75.5
182	2.5	2.1	3.1

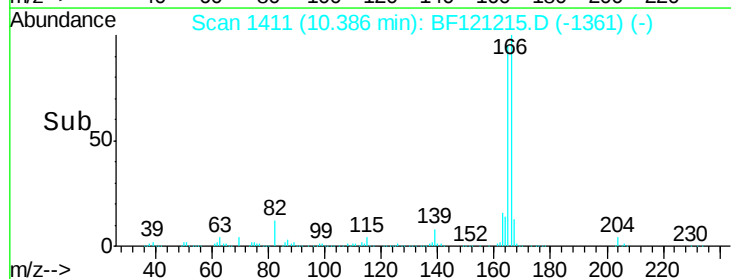
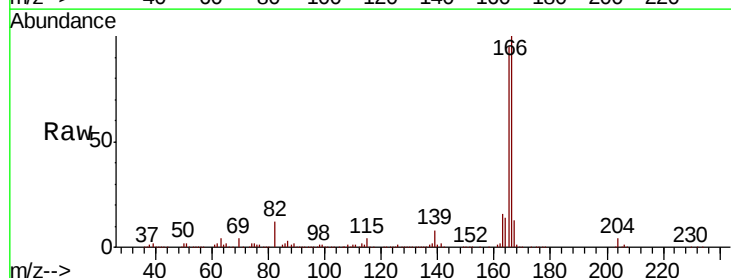
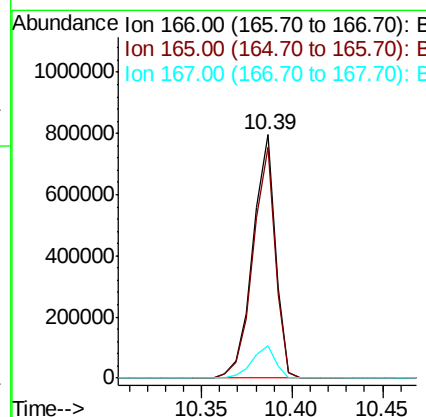
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#58
Fluorene
Concen: 37.764 ng
RT: 10.39 min Scan# 1411
Delta R.T. -0.01 min
Lab File: BF121215.D
Acq: 6 Aug 2020 21:43

Tgt Ion	Ratio	Resp Lower	Upper
166	100		
165	94.9	76.4	114.6
167	13.5	10.7	16.1





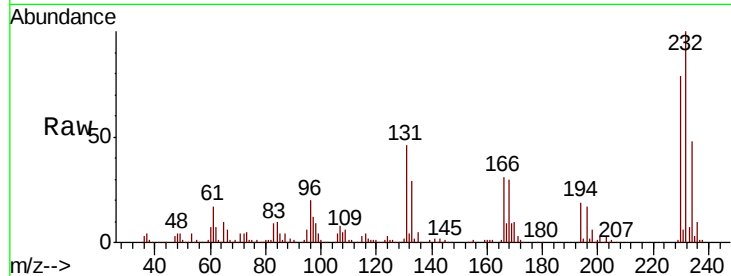
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 41.410 ng
 RT: 10.16 min Scan# 1373
 Delta R.T. -0.01 min
 Lab File: BF121215.D
 Acq: 6 Aug 2020 21:43

Instrument :
 BNA_F
 ClientSampleId :
 8/5-A-EMSD

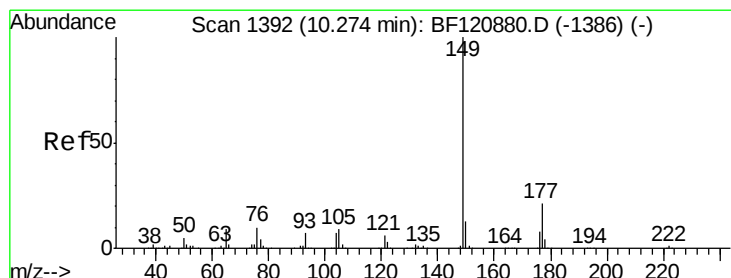
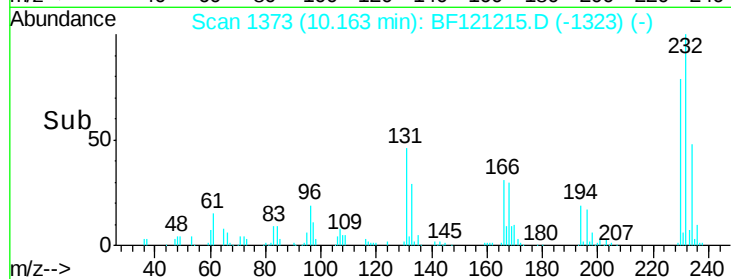
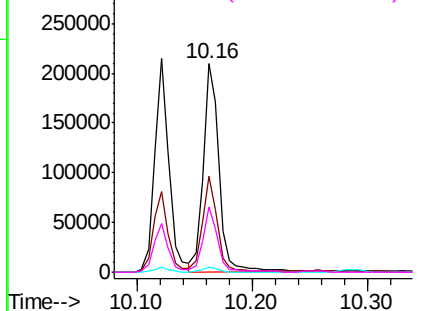
Tot Ion	Ratio	Resp	Lower	Upper
232	100	201776		
131	42.7		34.2	51.2
130	2.2		1.7	2.5
166	29.0		23.1	34.7

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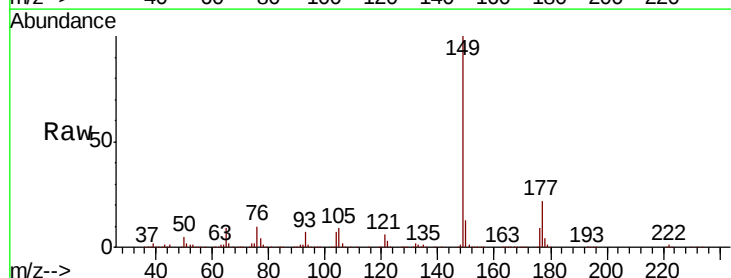


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

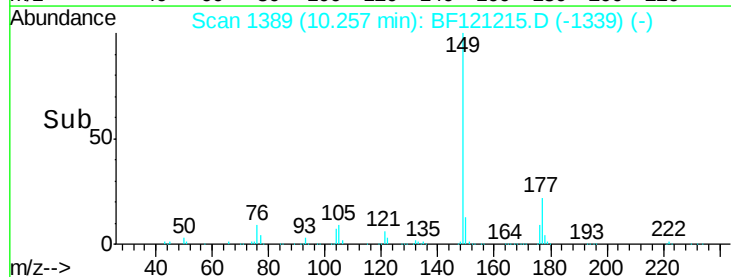
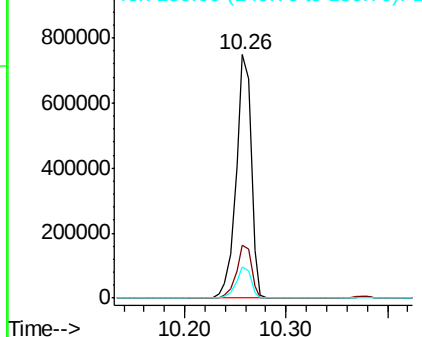


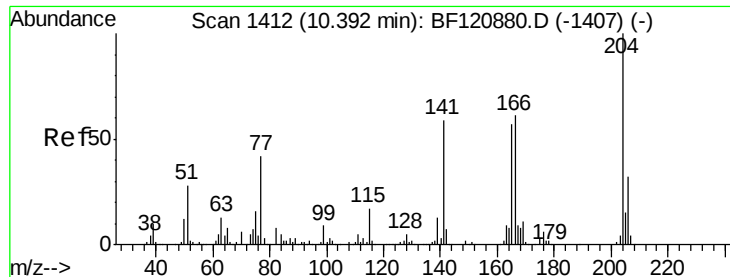
#60
 Diethylphthalate
 Concen: 38.459 ng
 RT: 10.26 min Scan# 1389
 Delta R.T. -0.01 min
 Lab File: BF121215.D
 Acq: 6 Aug 2020 21:43

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	771836		
177	21.8		17.6	26.4
150	12.7		10.2	15.4



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





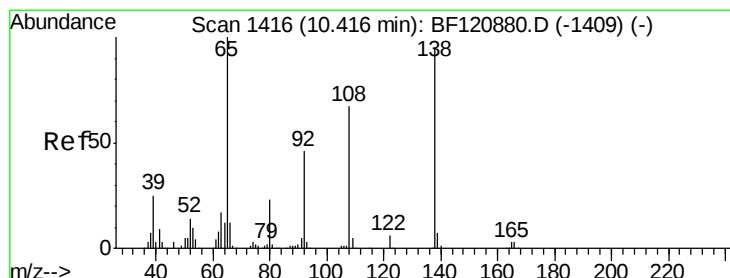
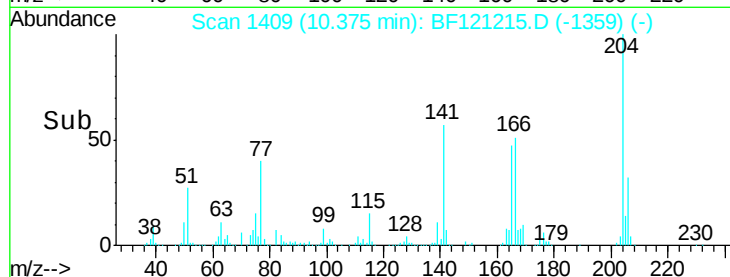
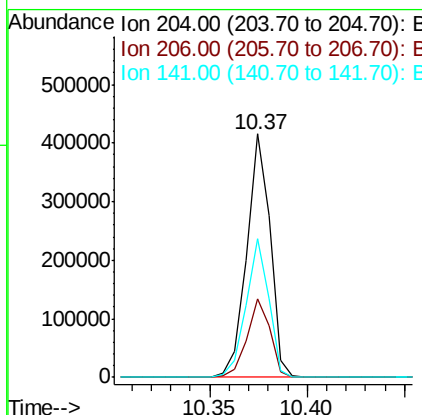
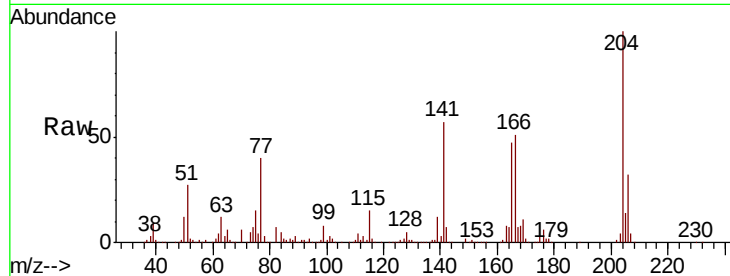
#61
4-Chlorophenyl-phenylether
Concen: 35.407 ng
RT: 10.37 min Scan# 1409
Delta R.T. -0.01 min
Lab File: BF121215.D
Acq: 6 Aug 2020 21:43

Instrument :
BNA_F
ClientSampleId :
8/5-A-EMSD

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.0	26.0	39.0
141	57.1	46.9	70.3

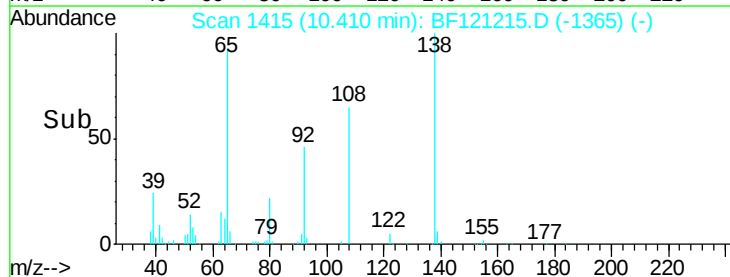
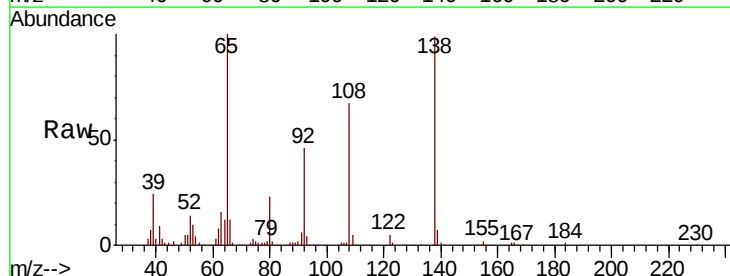
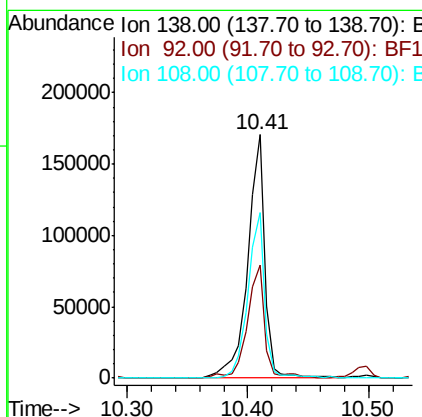
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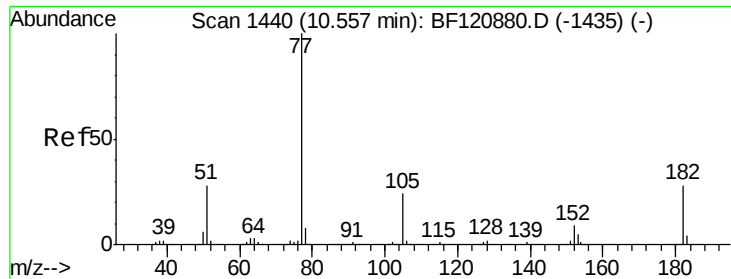
mohammad
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#62
4-Nitroaniline
Concen: 32.703 ng
RT: 10.41 min Scan# 1415
Delta R.T. -0.01 min
Lab File: BF121215.D
Acq: 6 Aug 2020 21:43

Tgt Ion	Ratio	Lower	Upper
138	100		
92	46.4	25.2	65.2
108	68.1	46.7	86.7





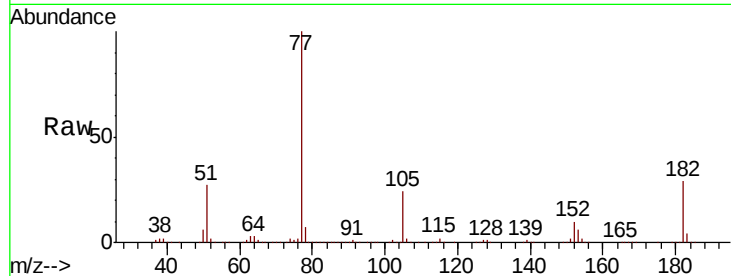
#63
Azobenzene
Concen: 38.088 ng
RT: 10.54 min Scan# 1437
Delta R.T. 0.00 min
Lab File: BF121215.D
Acq: 6 Aug 2020 21:43

Instrument :
BNA_F
ClientSampleId :
8/5-A-EMSD

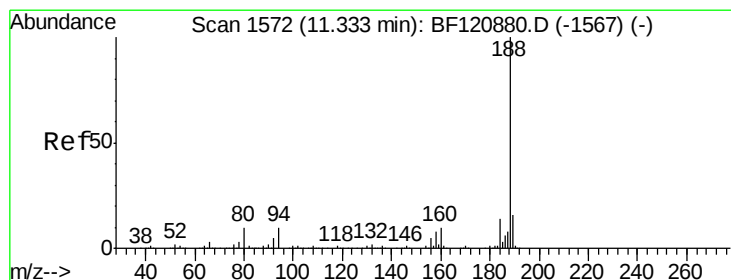
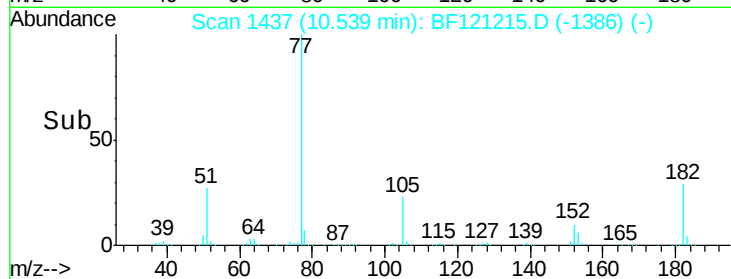
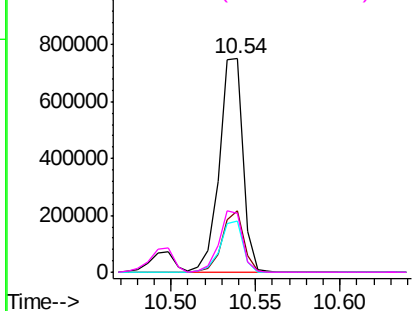
Tot Ion	77	Resp	727693
Ion Ratio	Lower	Upper	
77	100		
182	29.0	4.5	44.5
105	24.0	3.4	43.4
51	27.5	8.7	48.7

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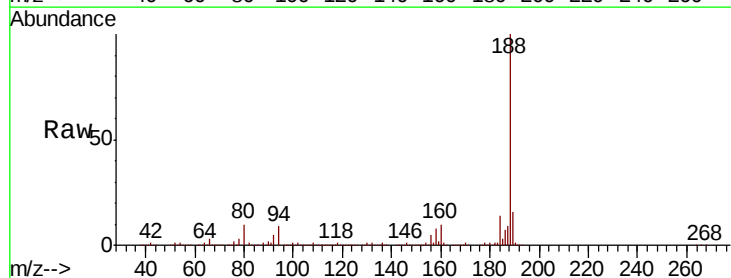


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): BF1
Ion 105.00 (104.70 to 105.70): BF1
Ion 51.00 (50.70 to 51.70): BF1

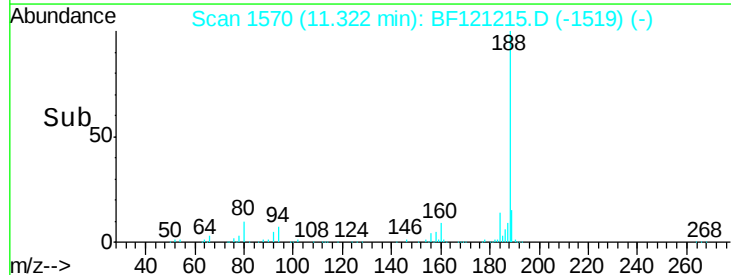
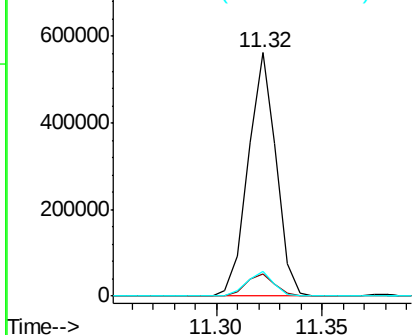


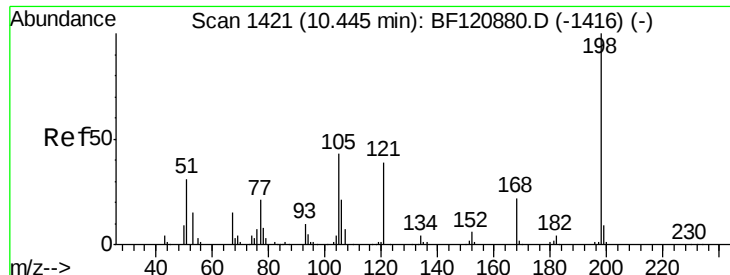
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1570
Delta R.T. 0.00 min
Lab File: BF121215.D
Acq: 6 Aug 2020 21:43

Tgt Ion	188	Resp	517291
Ion Ratio	Lower	Upper	
188	100		
94	9.3	8.0	12.0
80	9.9	8.3	12.5



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





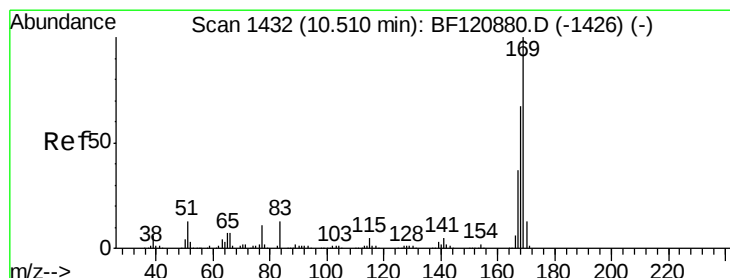
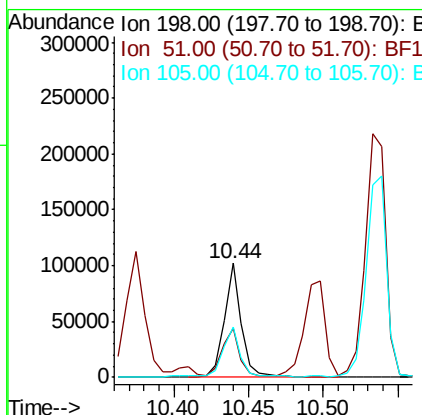
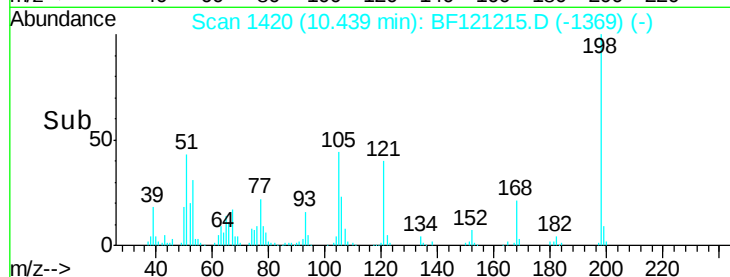
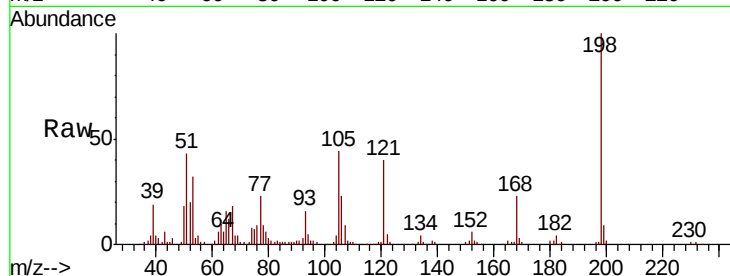
#65
4,6-Dinitro-2-methylphenol
Concen: 29.512 ng
RT: 10.44 min Scan# 1420
Delta R.T. 0.00 min
Lab File: BF121215.D
Acq: 6 Aug 2020 21:43

Instrument :
BNA_F
ClientSampled :
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Tot Ion	Ratio	Resp	Lower	Upper
198	100	83539		
51	43.1	23.4	63.4	
105	43.8	23.7	63.7	

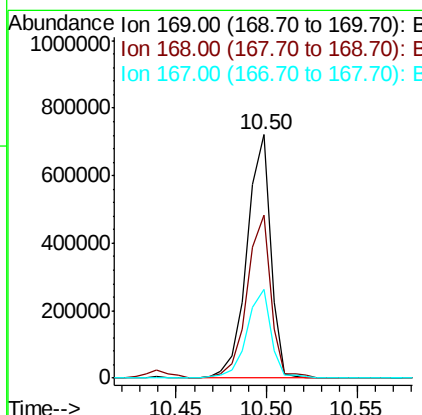
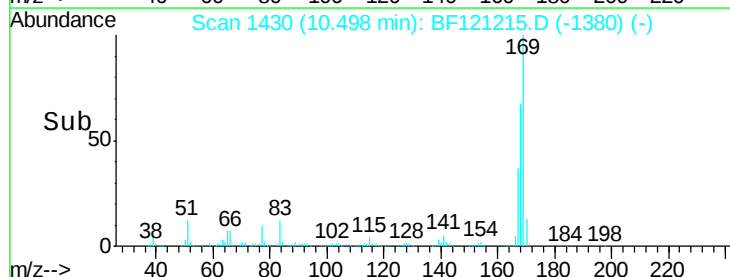
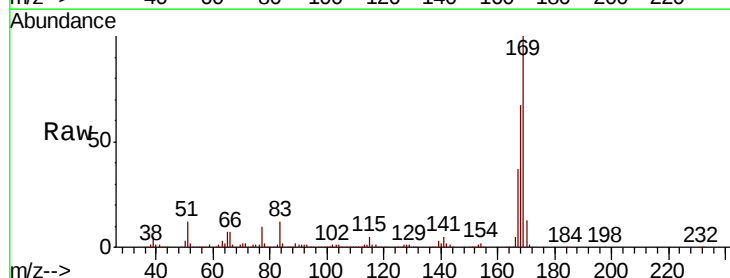
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#66
n-Nitrosodiphenylamine
Concen: 40.242 ng
RT: 10.50 min Scan# 1430
Delta R.T. -0.01 min
Lab File: BF121215.D
Acq: 6 Aug 2020 21:43

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	654858		
168	66.8	53.7	80.5	
167	36.7	30.0	45.0	





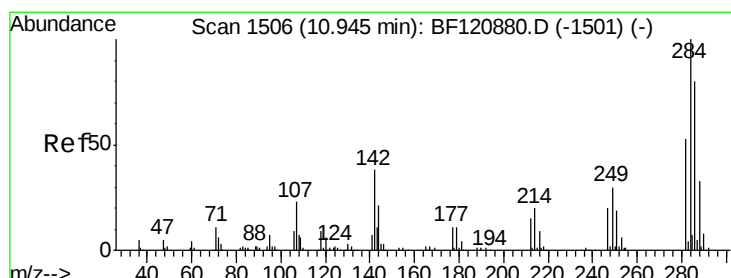
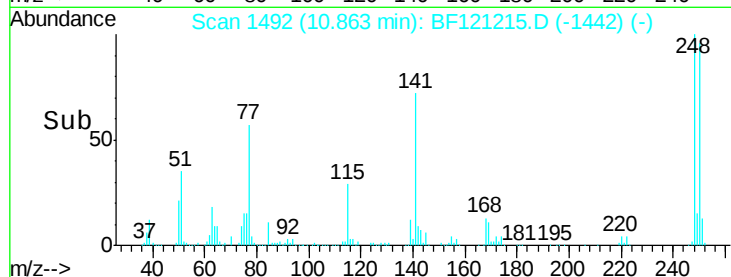
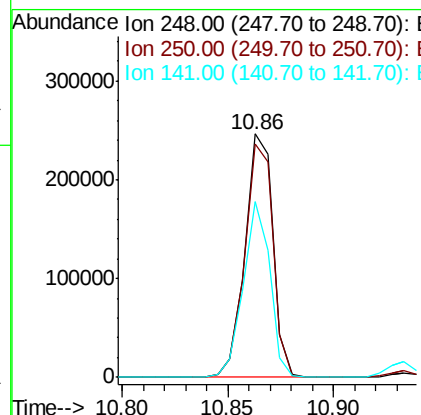
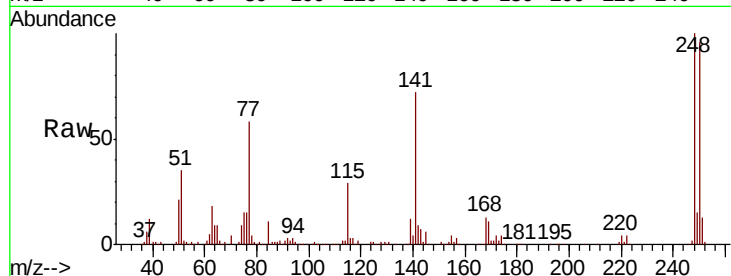
#67
 4-Bromophenyl-phenylether
 Concen: 38.991 ng
 RT: 10.86 min Scan# 1492
 Delta R.T. -0.01 min
 Lab File: BF121215.D
 Acq: 6 Aug 2020 21:43

Instrument :
 BNA_F
 ClientSampleId :
 8/5-A-EMSD

Tot Ion:	248	Resp:	224877
Ion Ratio	Lower	Upper	
248	100		
250	96.0	77.0	115.6
141	72.0	56.6	85.0

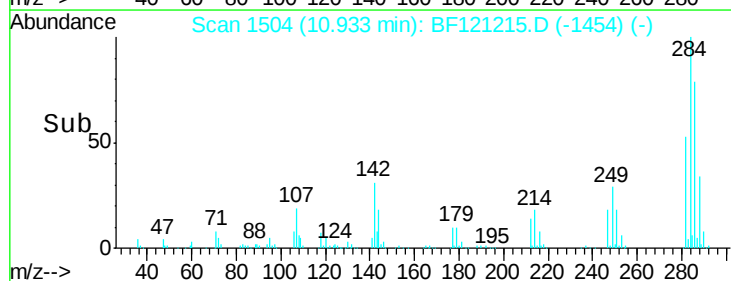
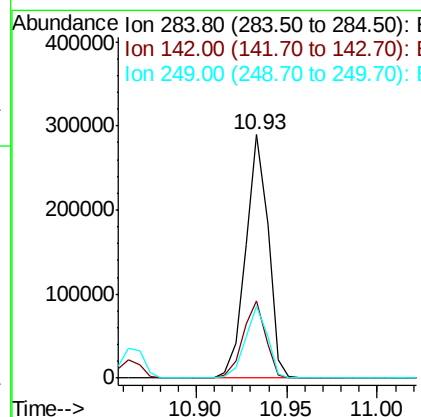
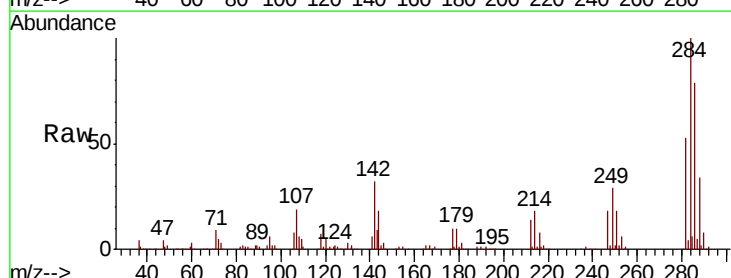
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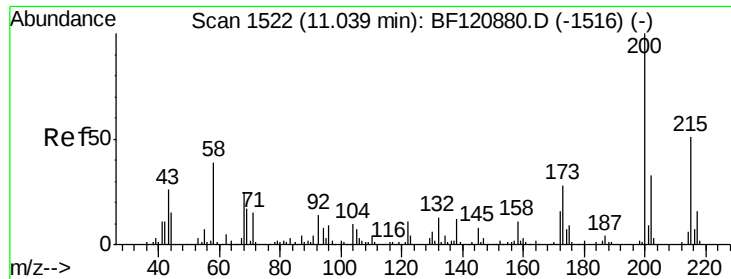
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#68
 Hexachlorobenzene
 Concen: 39.996 ng
 RT: 10.93 min Scan# 1504
 Delta R.T. -0.01 min
 Lab File: BF121215.D
 Acq: 6 Aug 2020 21:43

Tgt Ion:	284	Resp:	249530
Ion Ratio	Lower	Upper	
284	100		
142	31.5	21.1	31.7
249	29.4	22.5	33.7





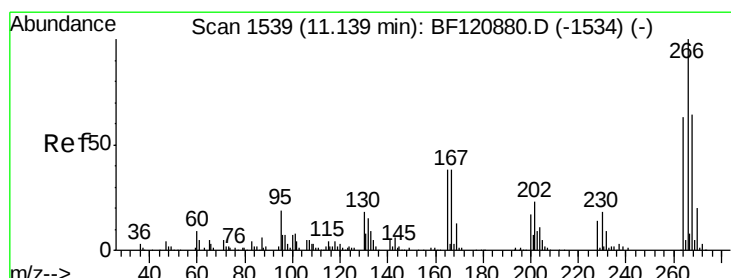
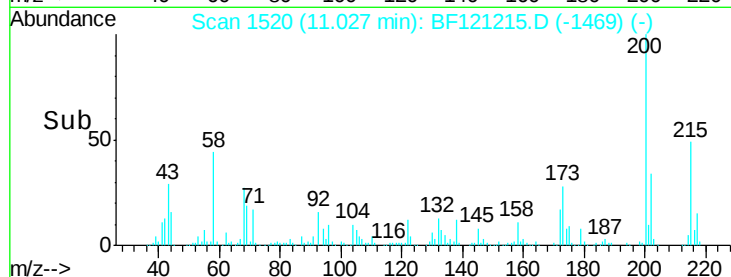
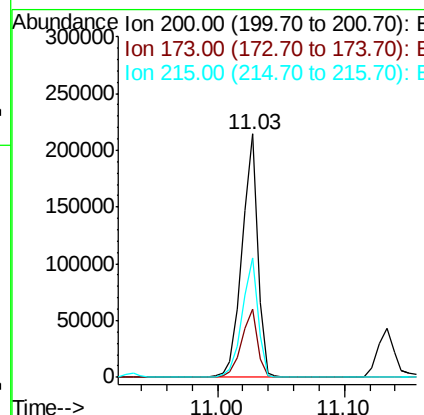
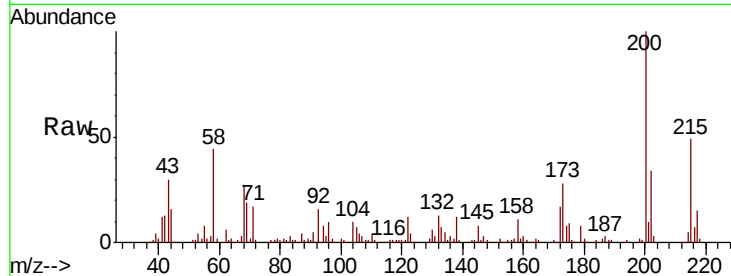
#69
Atrazine
Concen: 45.130 ng
RT: 11.03 min Scan# 1520
Delta R.T. 0.00 min
Lab File: BF121215.D
Acq: 6 Aug 2020 21:43

Instrument :
BNA_F
ClientSampled :
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Tot Ion	Ratio	Resp	Lower	Upper
200	100	181877		
173	27.9	7.6	47.6	
215	49.0	28.8	68.8	

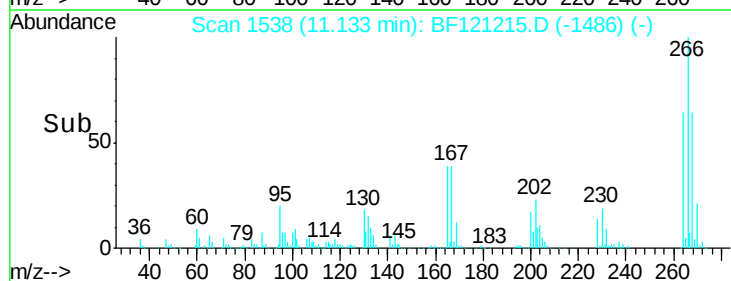
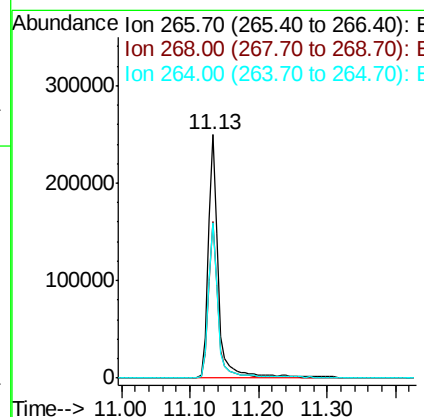
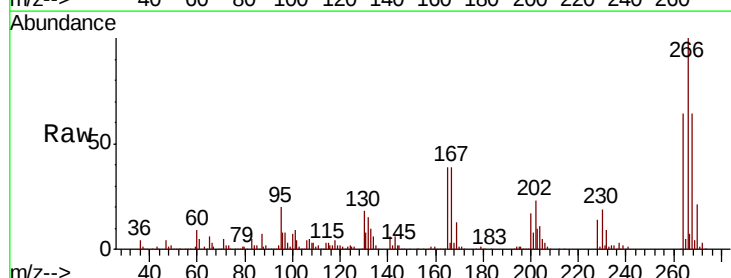
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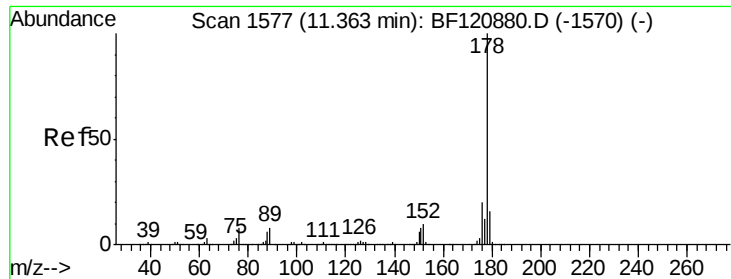
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#70
Pentachlorophenol
Concen: 74.979 ng
RT: 11.13 min Scan# 1538
Delta R.T. 0.01 min
Lab File: BF121215.D
Acq: 6 Aug 2020 21:43

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	267984		
268	64.1	49.7	74.5	
264	63.7	50.4	75.6	





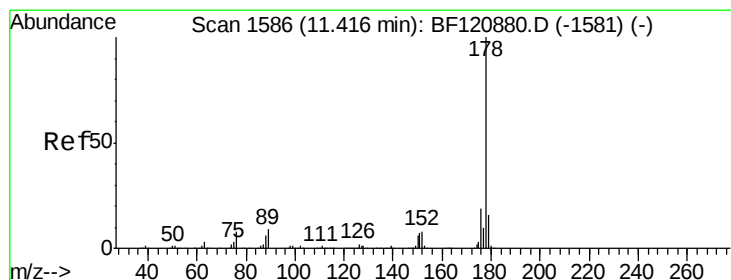
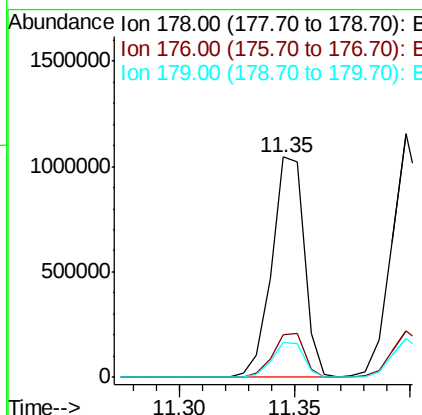
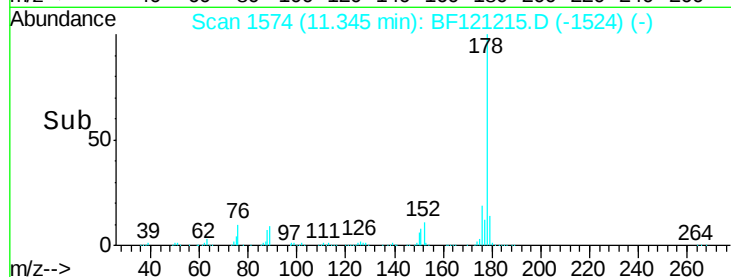
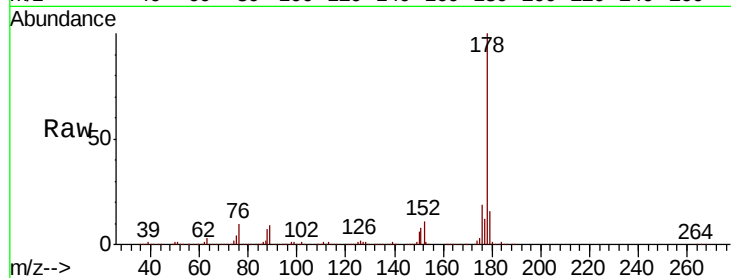
#71
Phenanthrene
Concen: 38.272 ng
RT: 11.35 min Scan# 1574
Delta R.T. -0.01 min
Lab File: BF121215.D
Acq: 6 Aug 2020 21:43

Instrument :
BNA_F
ClientSampleId :
8/5-A-EMSD

Tot Ion:178 Resp: 1018208
Ion Ratio Lower Upper
178 100
176 19.3 16.2 24.2
179 15.8 12.6 19.0

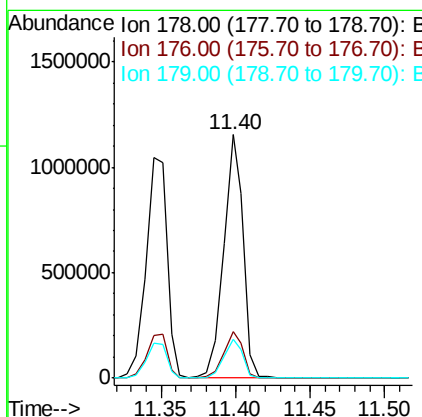
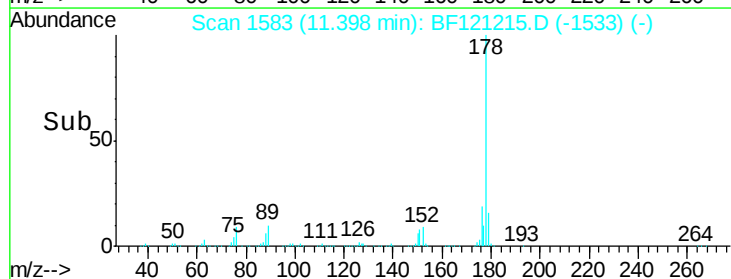
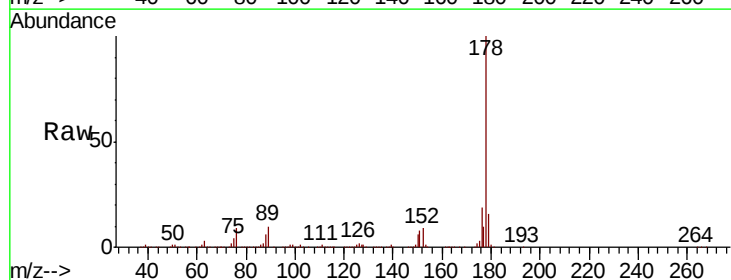
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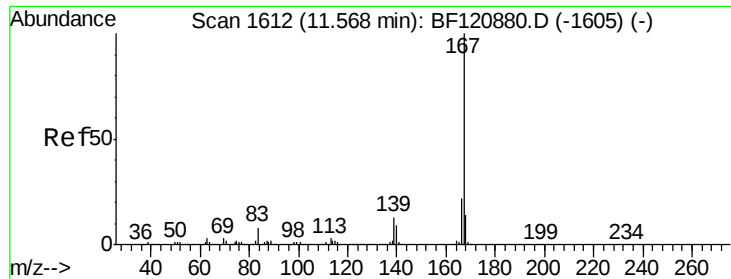
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#72
Anthracene
Concen: 39.760 ng
RT: 11.40 min Scan# 1583
Delta R.T. -0.01 min
Lab File: BF121215.D
Acq: 6 Aug 2020 21:43

Tgt Ion:178 Resp: 1062179
Ion Ratio Lower Upper
178 100
176 19.4 15.8 23.8
179 16.0 12.6 19.0





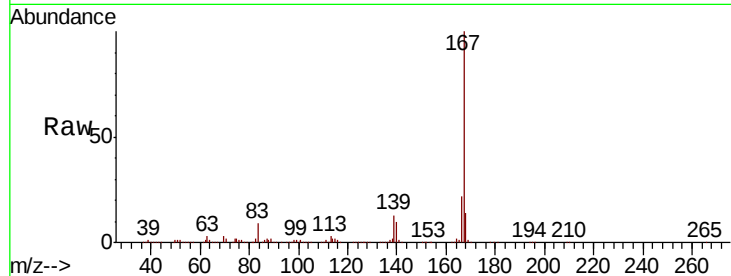
#73
 Carbazole
 Concen: 37.619 ng
 RT: 11.56 min Scan# 1610
 Delta R.T. 0.00 min
 Lab File: BF121215.D
 Acq: 6 Aug 2020 21:43

Instrument :
 BNA_F
 ClientSampleId :
 8/5-A-EMSD

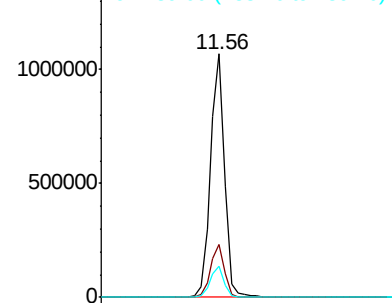
Tot Ion	Ratio	Lower	Upper
167	100		
166	21.8	17.5	26.3
139	12.7	10.5	15.7

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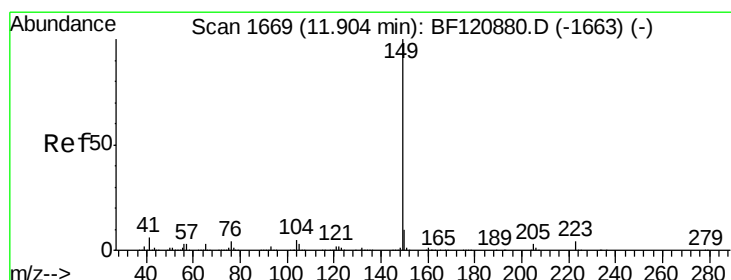
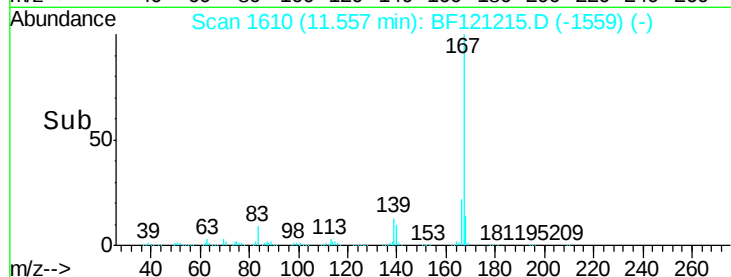
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Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E

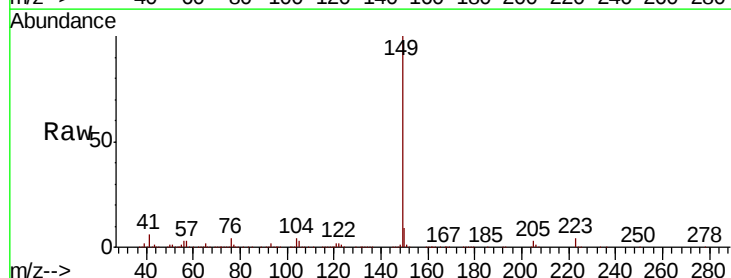


Time-->

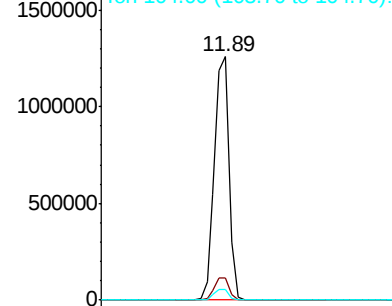


#74
 Di-n-butylphthalate
 Concen: 39.628 ng
 RT: 11.89 min Scan# 1666
 Delta R.T. 0.00 min
 Lab File: BF121215.D
 Acq: 6 Aug 2020 21:43

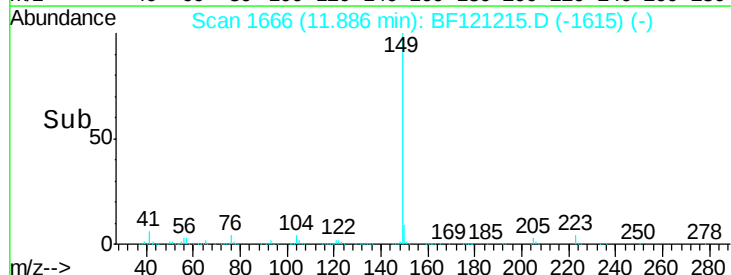
Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.8	11.8
104	4.3	3.9	5.9



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



Time-->





#75

Fluoranthene

Concen: 35.505 ng

RT: 12.53 min Scan# 1776

Delta R.T. -0.01 min

Lab File: BF121215.D

Acq: 6 Aug 2020 21:43

Instrument :

BNA_F

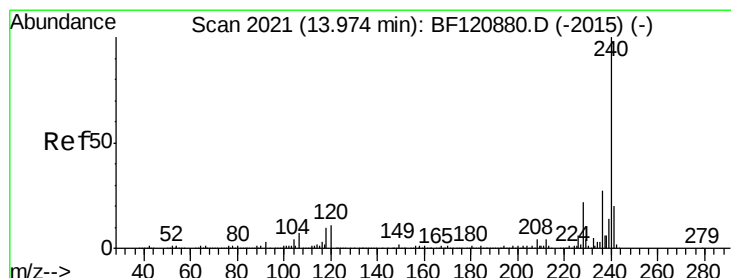
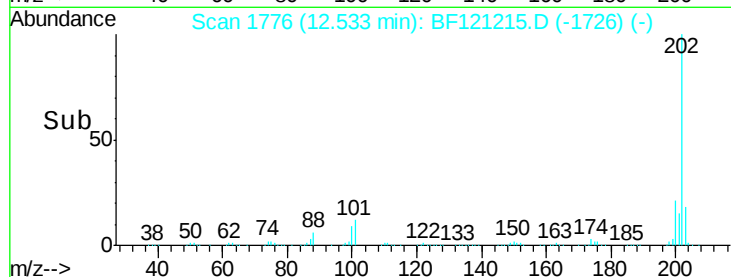
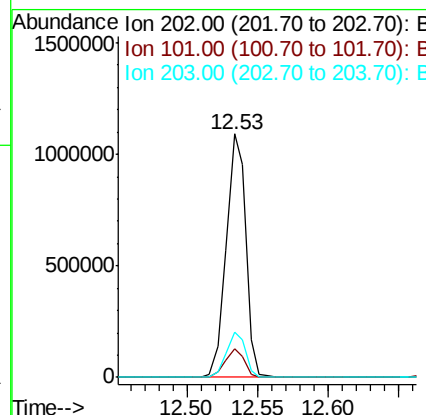
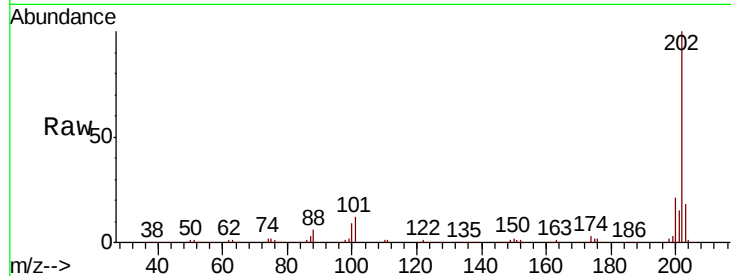
ClientSampled :

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Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100				
101	12.0	0.0	30.5		
203	18.5	0.0	37.7		

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#76

Chrysene-d12

Concen: 20.000 ng

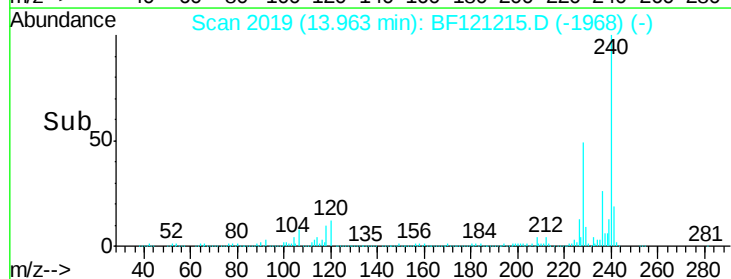
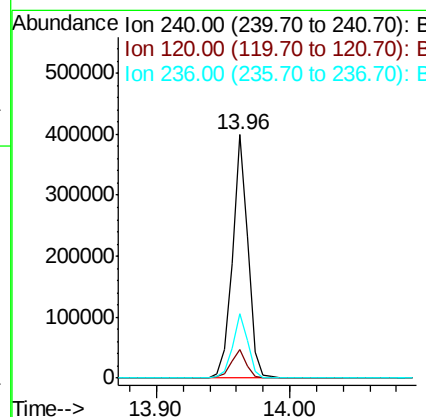
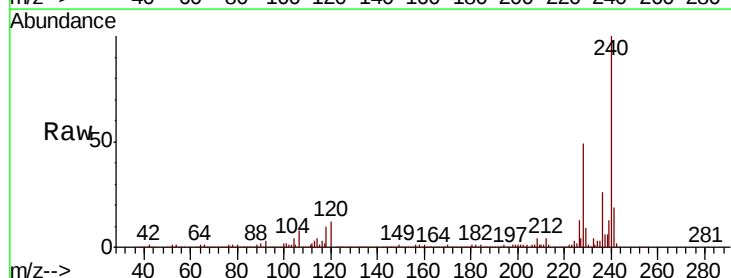
RT: 13.96 min Scan# 2019

Delta R.T. 0.00 min

Lab File: BF121215.D

Acq: 6 Aug 2020 21:43

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
240	100				
120	11.8	9.3	13.9		
236	26.3	21.1	31.7		





#77

Benzidine

Concen: 85.927 ng

RT: 12.66 min Scan# 1798

Delta R.T. 0.01 min

Lab File: BF121215.D

Acq: 6 Aug 2020 21:43

Instrument :

BNA_F

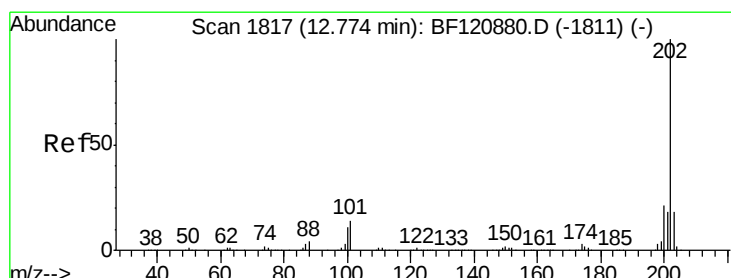
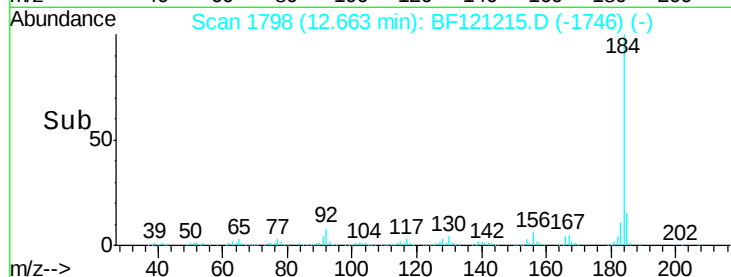
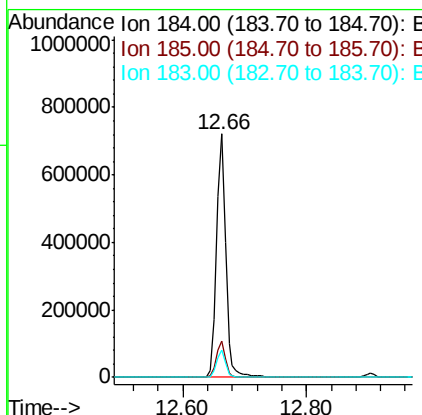
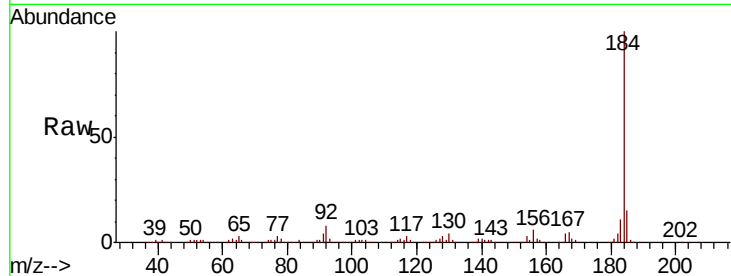
ClientSampleId :

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Tot Ion:	184	Resp:	738580
Ion Ratio	Lower	Upper	
184	100		
185	14.7	12.1	18.1
183	11.4	9.0	13.4

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#78

Pyrene

Concen: 45.793 ng

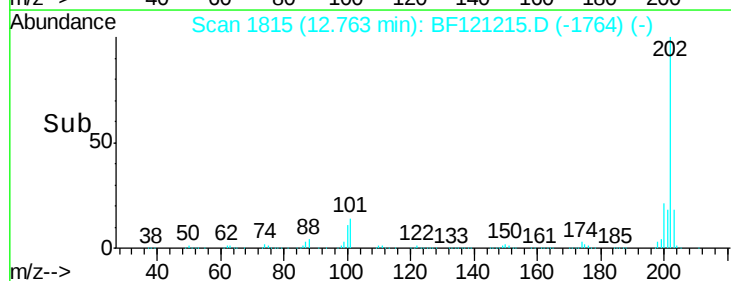
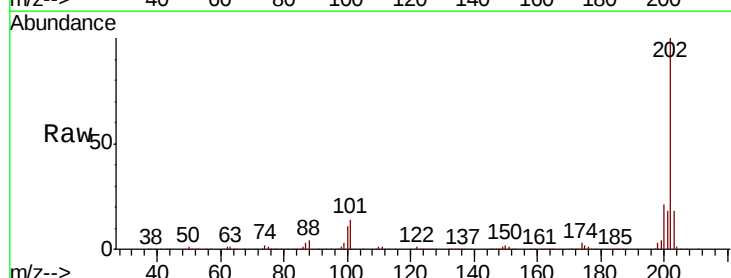
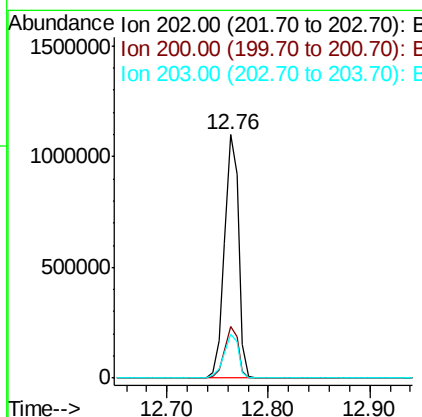
RT: 12.76 min Scan# 1815

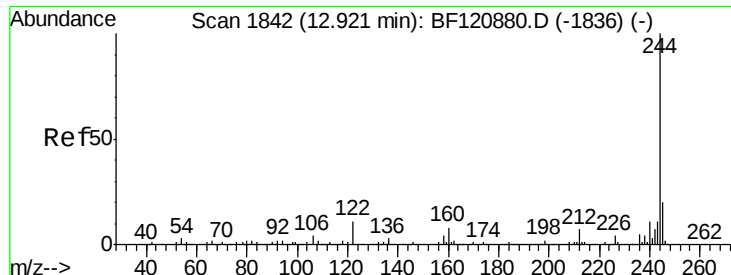
Delta R.T. 0.00 min

Lab File: BF121215.D

Acq: 6 Aug 2020 21:43

Tgt Ion:	202	Resp:	1058457
Ion Ratio	Lower	Upper	
202	100		
200	21.1	17.0	25.6
203	18.0	14.6	21.8





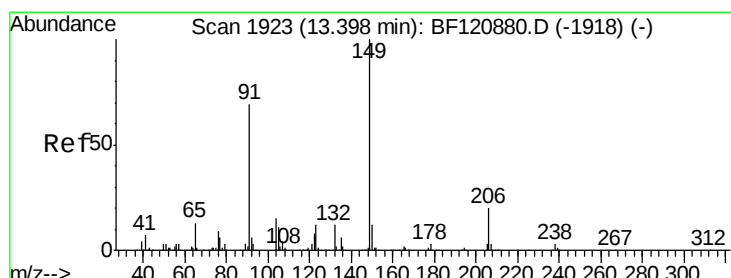
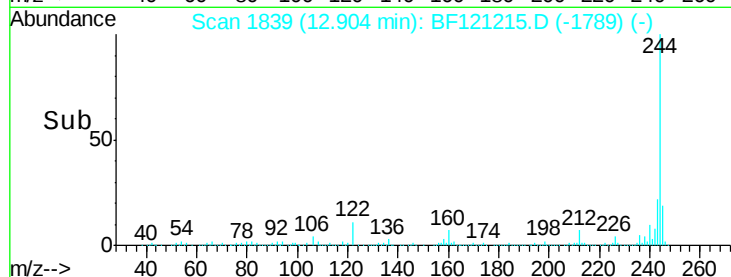
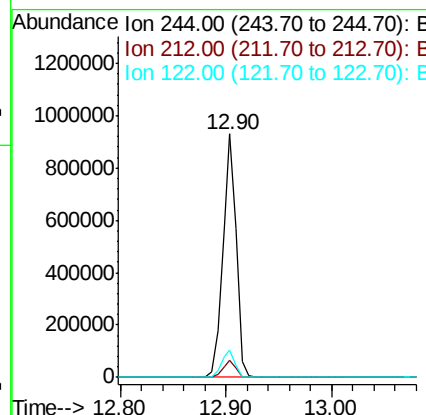
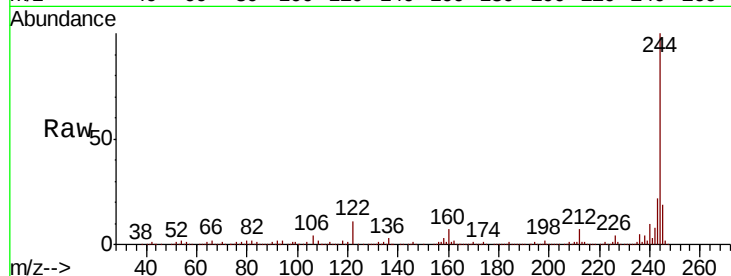
#79
 Terphenyl-d14
 Concen: 55.317 ng
 RT: 12.90 min Scan# 1839
 Delta R.T. -0.01 min
 Lab File: BF121215.D
 Acq: 6 Aug 2020 21:43

Instrument :
 BNA_F
 ClientSampleId :
 8/5-A-EMSD

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.7	8.5
122	11.5	8.3	12.5

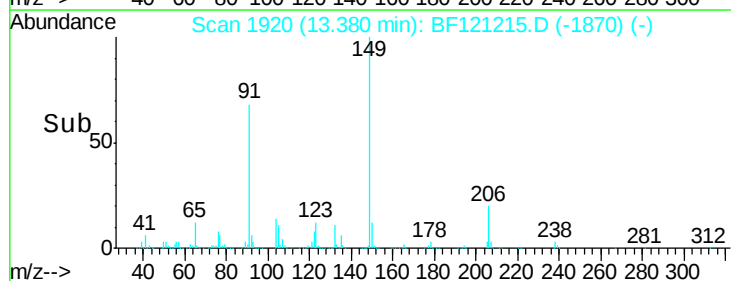
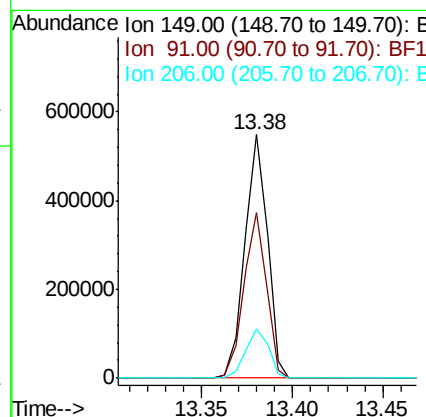
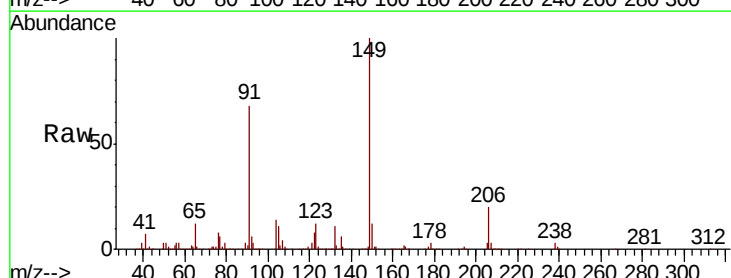
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#80
 Butylbenzylphthalate
 Concen: 46.288 ng
 RT: 13.38 min Scan# 1920
 Delta R.T. -0.01 min
 Lab File: BF121215.D
 Acq: 6 Aug 2020 21:43

Tgt Ion	Ratio	Lower	Upper
149	100		
91	67.8	51.4	77.0
206	20.2	17.9	26.9





#81

Benzo(a)anthracene

Concen: 41.288 ng

RT: 13.95 min Scan# 2017

Delta R.T. 0.00 min

Lab File: BF121215.D

Acq: 6 Aug 2020 21:43

Instrument :

BNA_F

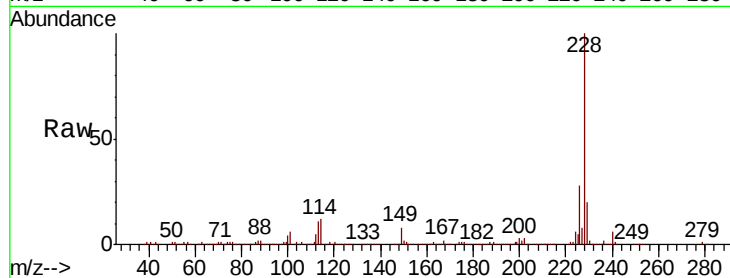
ClientSampleId :

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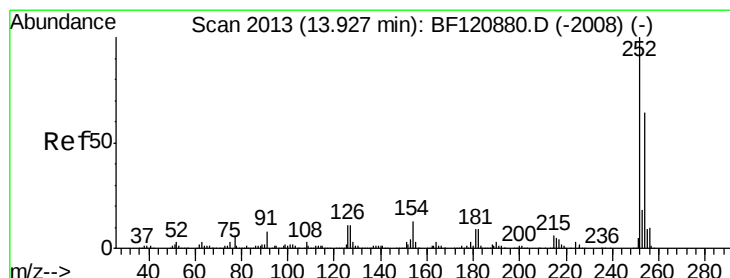
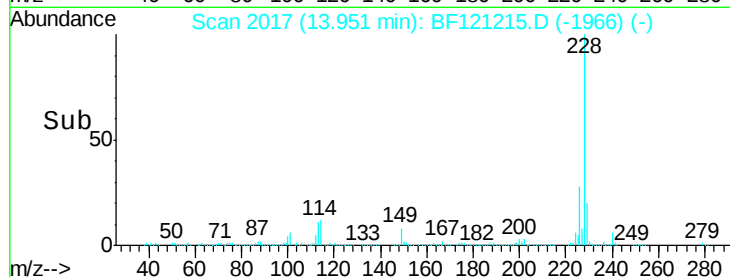
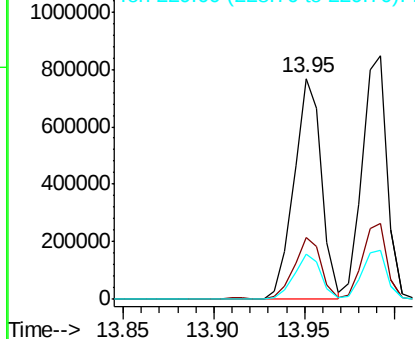
Tot Ion:	228	Resp:	817377
Ion Ratio	Lower	Upper	
228	100		
226	28.0	22.6	34.0
229	20.4	16.1	24.1

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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: 43.770 ng

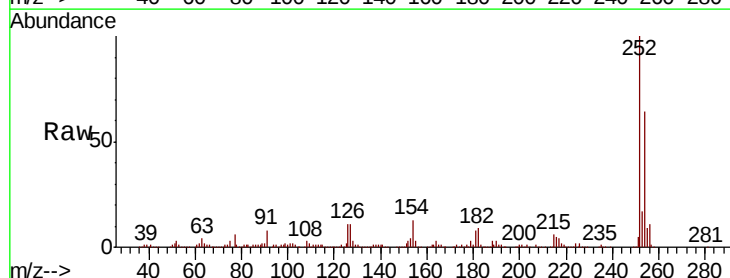
RT: 13.92 min Scan# 2011

Delta R.T. 0.00 min

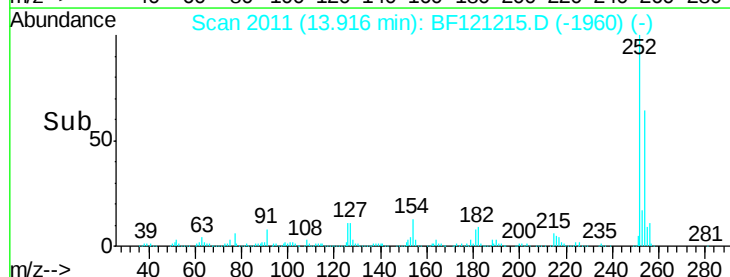
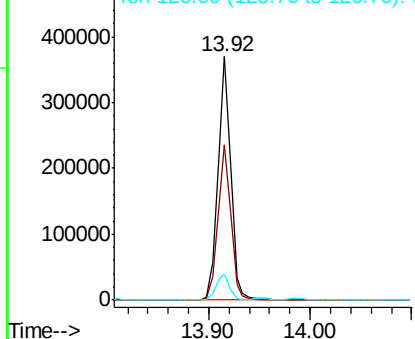
Lab File: BF121215.D

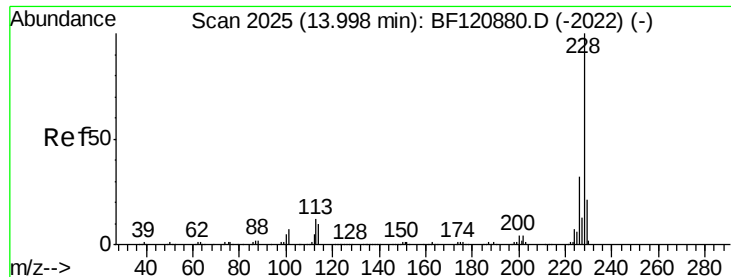
Acq: 6 Aug 2020 21:43

Tgt Ion:	252	Resp:	326915
Ion Ratio	Lower	Upper	
252	100		
254	64.0	51.3	76.9
126	10.8	9.2	13.8



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





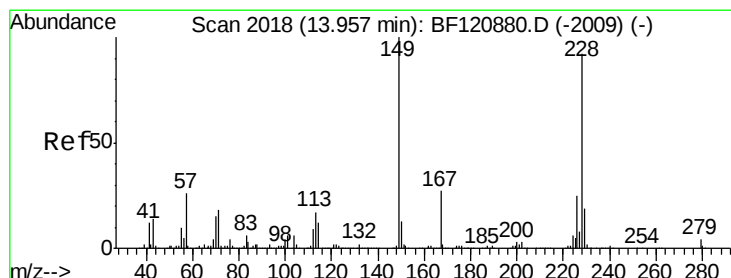
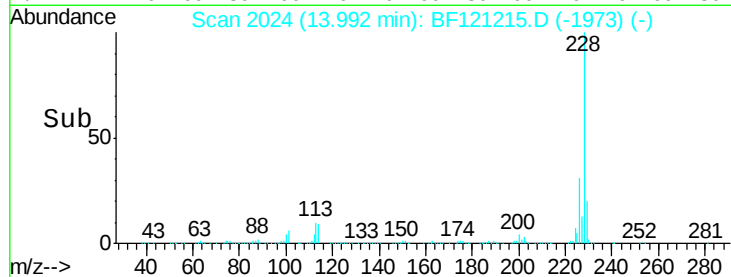
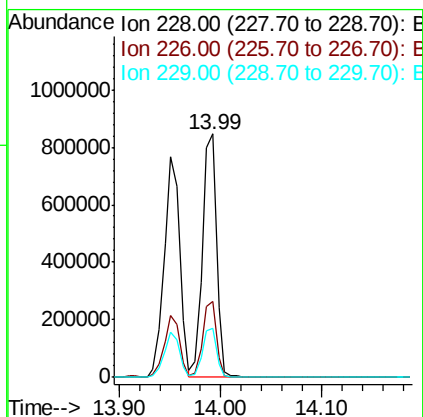
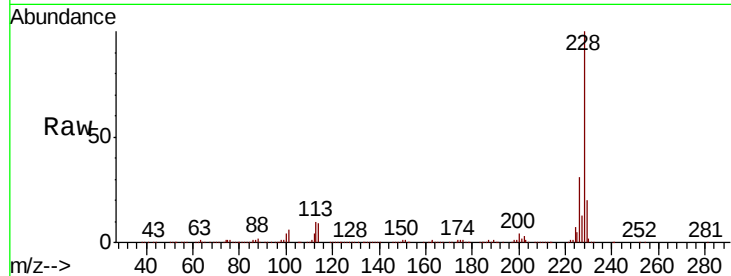
#83
Chrvsene
Concen: 39.293 ng
RT: 13.99 min Scan# 2024
Delta R.T. 0.00 min
Lab File: BF121215.D
Acq: 6 Aug 2020 21:43

Instrument :
BNA_F
ClientSampleId :
8/5-A-EMSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.1	25.4	38.0
229	20.1	16.2	24.4

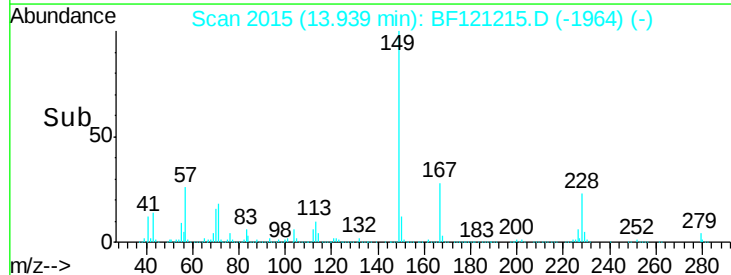
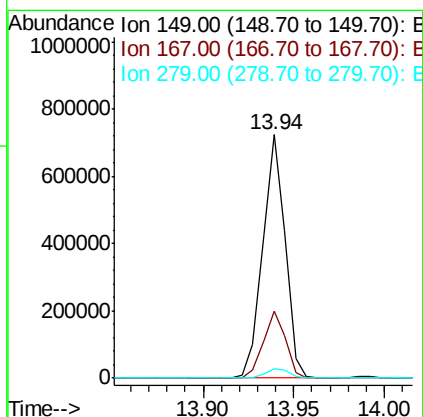
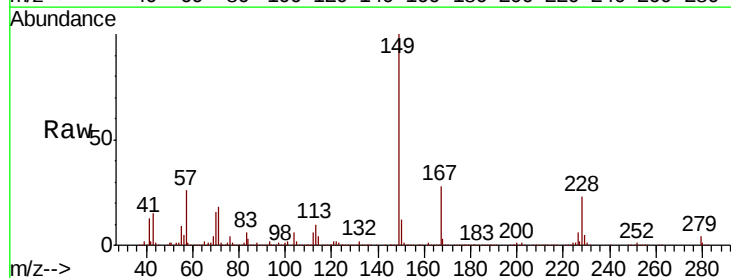
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#84
Bis(2-ethylhexyl)phthalate
Concen: 49.095 ng
RT: 13.94 min Scan# 2015
Delta R.T. 0.00 min
Lab File: BF121215.D
Acq: 6 Aug 2020 21:43

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.7	21.8	32.6
279	3.9	2.9	4.3





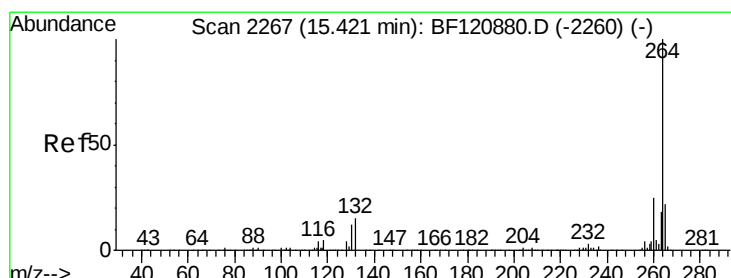
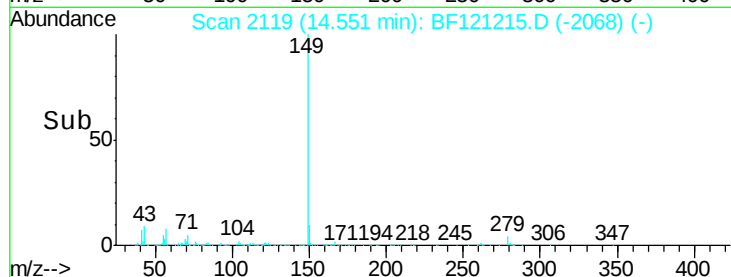
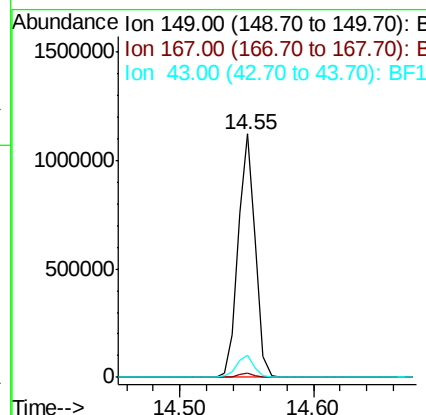
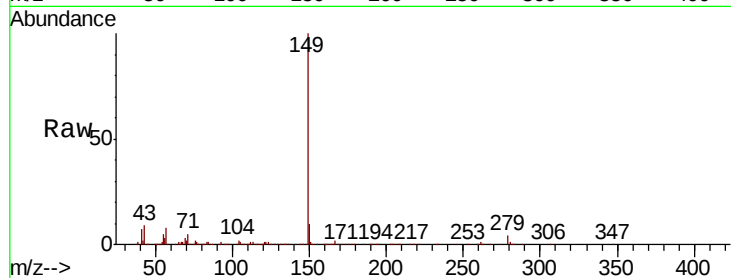
#85
Di-n-octyl phthalate
Concen: 39.727 ng
RT: 14.55 min Scan# 2119
Delta R.T. 0.00 min
Lab File: BF121215.D
Acq: 6 Aug 2020 21:43

Instrument :
BNA_F
ClientSampled :
8/5-A-EMSD

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.3	1.9
43	9.2	7.5	11.3

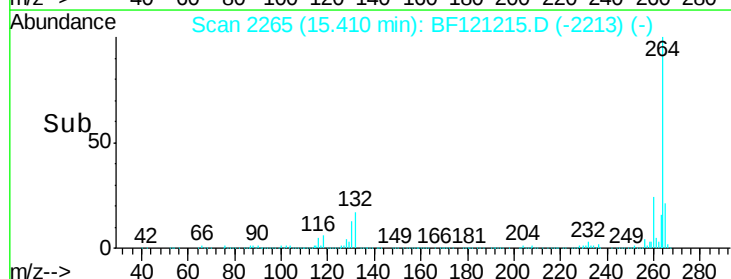
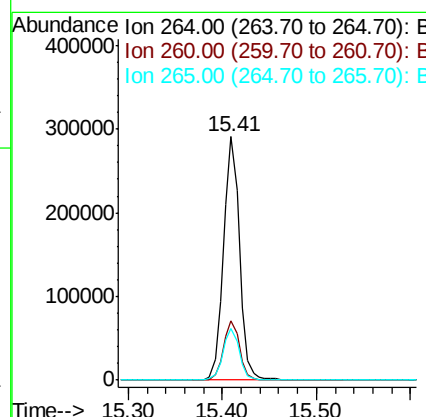
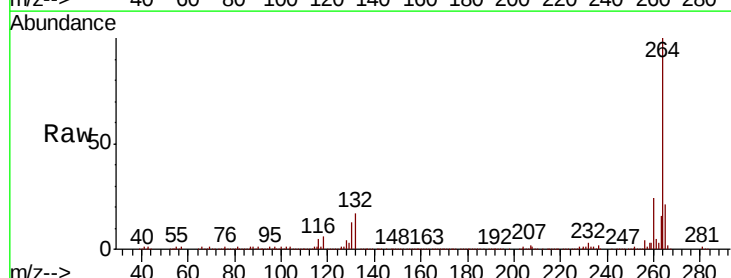
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#86
Perylene-d12
Concen: 20.000 ng
RT: 15.41 min Scan# 2265
Delta R.T. 0.01 min
Lab File: BF121215.D
Acq: 6 Aug 2020 21:43

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.9	29.9
265	21.1	17.8	26.8





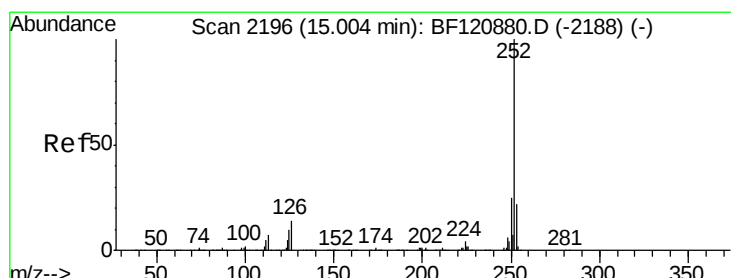
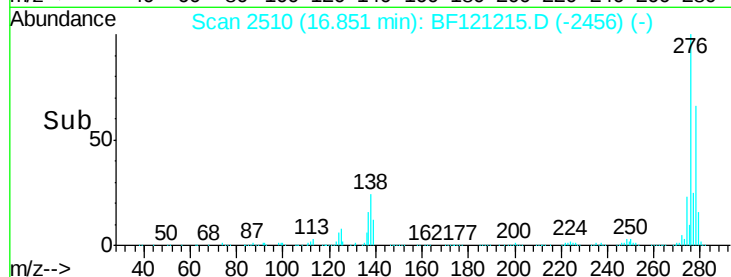
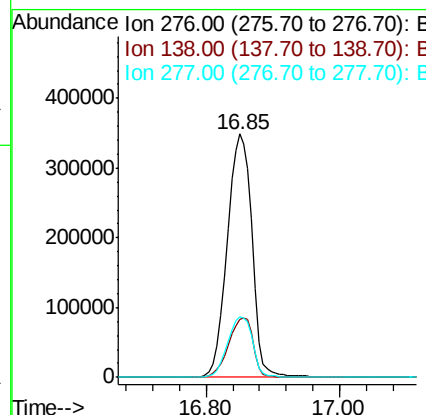
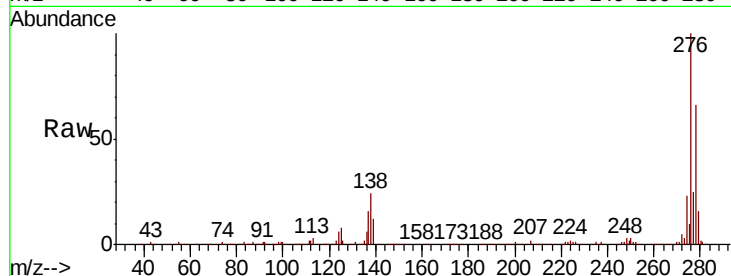
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 37.826 ng
 RT: 16.85 min Scan# 2510
 Delta R.T. 0.02 min
 Lab File: BF121215.D
 Acq: 6 Aug 2020 21:43

Instrument :
 BNA_F
 ClientSampleId :
 8/5-A-EMSD

Tot Ion	Ratio	Lower	Upper
276	100		
138	24.5	19.3	28.9
277	25.2	20.1	30.1

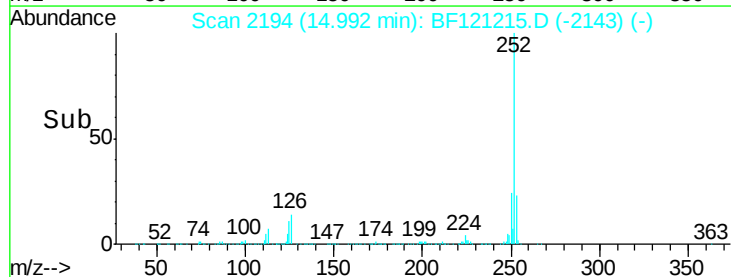
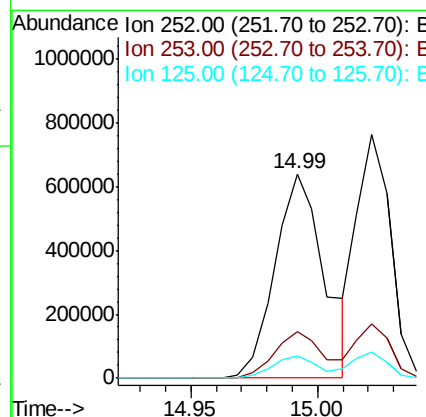
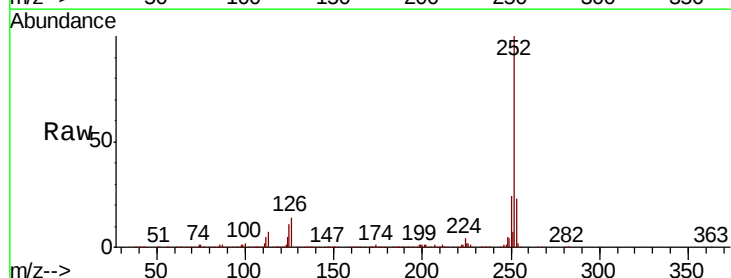
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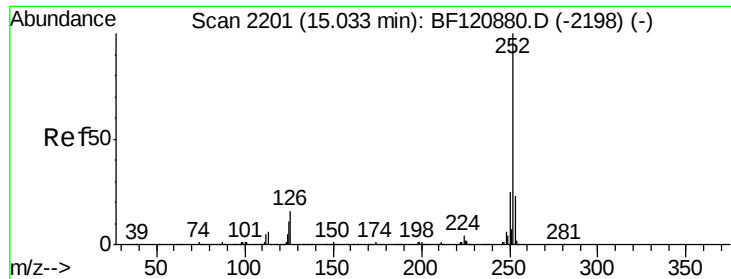
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#88
 Benzo(b)fluoranthene
 Concen: 41.404 ng
 RT: 14.99 min Scan# 2194
 Delta R.T. 0.00 min
 Lab File: BF121215.D
 Acq: 6 Aug 2020 21:43

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.9	26.9
125	10.8	8.1	12.1





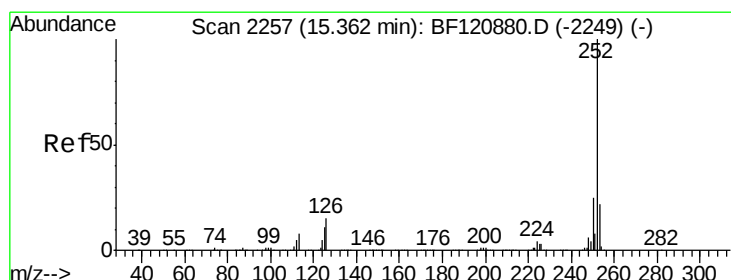
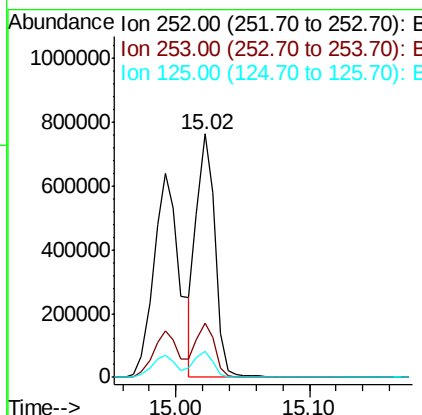
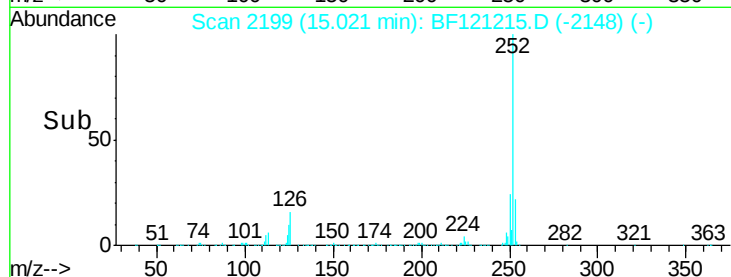
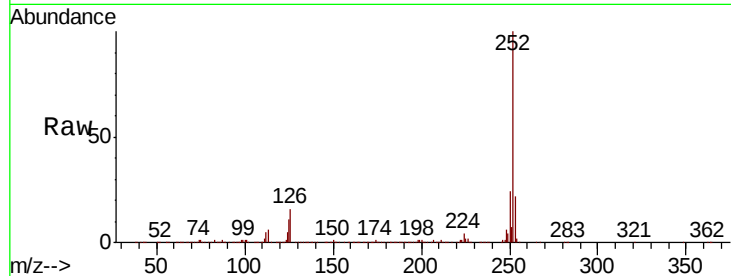
#89
Benzo(k)fluoranthene
Concen: 37.654 ng
RT: 15.02 min Scan# 2199
Delta R.T. 0.00 min
Lab File: BF121215.D
Acq: 6 Aug 2020 21:43

Instrument :
BNA_F
ClientSampleId :
8/5-A-EMSD

Tot Ion	Ratio	Resp	Lower	Upper
252	100	723252		
253	22.4	18.1	27.1	
125	10.5	8.0	12.0	

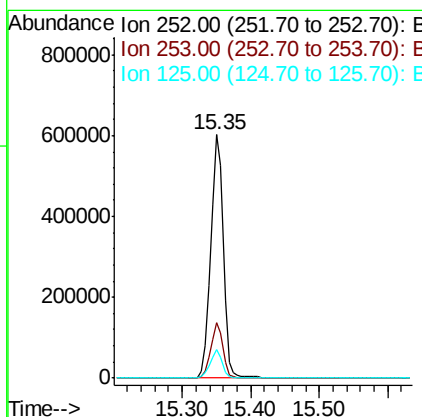
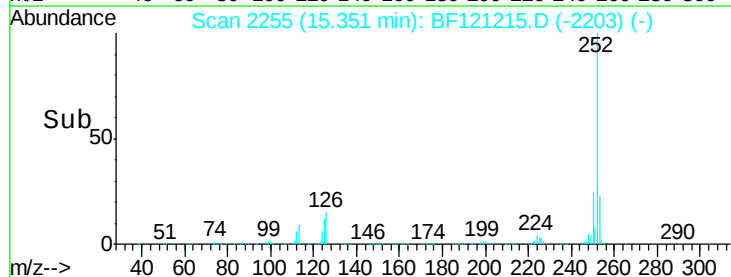
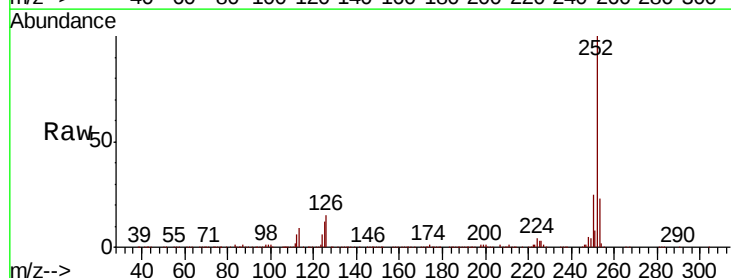
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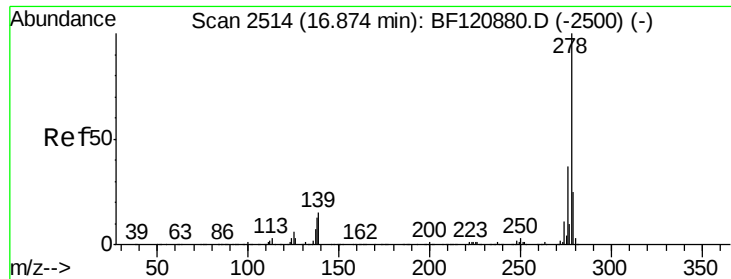
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#90
Benzo(a)pyrene
Concen: 39.874 ng
RT: 15.35 min Scan# 2255
Delta R.T. 0.01 min
Lab File: BF121215.D
Acq: 6 Aug 2020 21:43

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	766208		
253	22.7	18.0	27.0	
125	11.9	9.5	14.3	





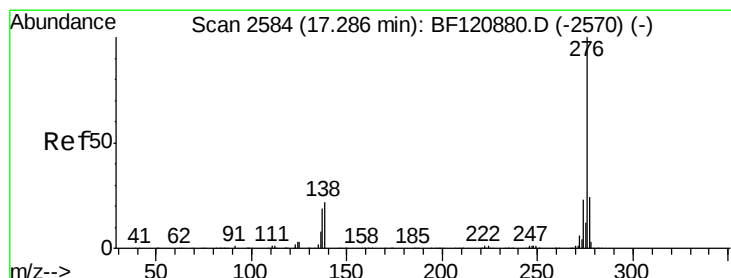
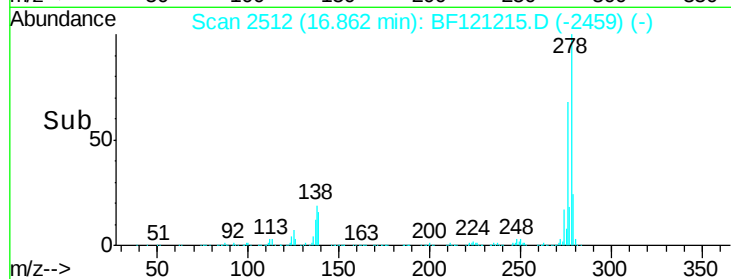
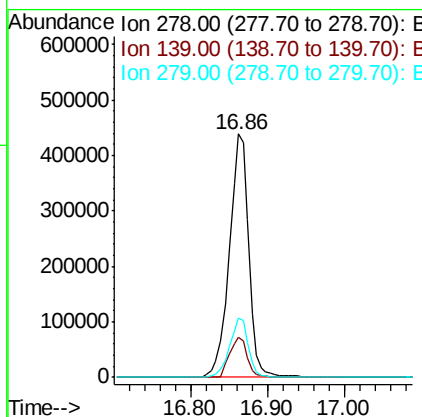
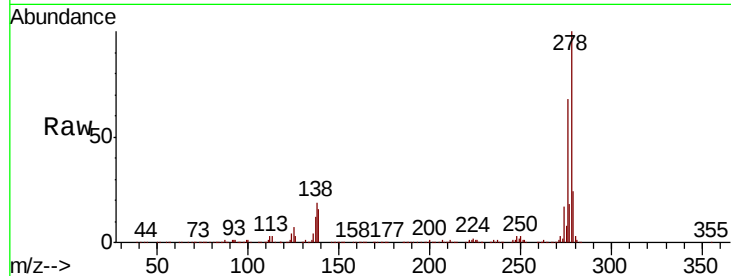
#91
Dibenzo(a,h)anthracene
Concen: 39.074 ng
RT: 16.86 min Scan# 2512
Delta R.T. 0.01 min
Lab File: BF121215.D
Acq: 6 Aug 2020 21:43

Instrument :
BNA_F
ClientSampleId :
8/5-A-EMSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	16.4	12.6	18.8
279	24.2	19.5	29.3

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#92
Benzo(g,h,i)perylene
Concen: 38.015 ng
RT: 17.28 min Scan# 2583
Delta R.T. 0.02 min
Lab File: BF121215.D
Acq: 6 Aug 2020 21:43

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.8	19.4	29.0
138	21.3	17.2	25.8

