

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080520\
 Data File : BF121191.D
 Acq On : 5 Aug 2020 13:45
 Operator : JU/CG
 Sample : L3521-07MSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMP-CDMSD

Manual Integrations
 APPROVED

mohammad
 8/6/2020 1:21:02 PM

Quant Time: Aug 05 14:27:22 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	122531	20.00	ng	-0.01
21) Naphthalene-d8	8.08	136	482377	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	255992	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	505115	20.00	ng	0.00
76) Chrysene-d12	13.97	240	429223	20.00	ng	0.00
86) Perylene-d12	15.42	264	479168	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.41	112	714919	95.65	ng	0.00
7) Phenol-d6	6.43	99	898405	93.05	ng	-0.01
23) Nitrobenzene-d5	7.36	82	591420	70.94	ng	-0.02
42) 2,4,6-Tribromophenol	10.63	330	287223	102.50	ng	0.00
45) 2-Fluorobiphenyl	9.16	172	1099633	64.13	ng	0.00
79) Terphenyl-d14	12.91	244	1205420	61.05	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.49	88	126209	36.689	ng	99
3) Pyridine	3.23	79	303674	33.185	ng	99
4) n-Nitrosodimethylamine	3.17	42	166371	42.518	ng	99
6) Aniline	6.46	93	450049	35.710	ng	94
8) 2-Chlorophenol	6.58	128	407219	49.456	ng	100
9) Benzaldehyde	6.34	77	249373	61.333	ng	98
10) Phenol	6.45	94	489239	46.065	ng	95
11) bis(2-Chloroethyl)ether	6.53	93	369855	45.439	ng	98
12) 1,3-Dichlorobenzene	6.73	146	384165	43.027	ng	99
13) 1,4-Dichlorobenzene	6.81	146	391369	44.082	ng	99
14) 1,2-Dichlorobenzene	6.96	146	384373	45.764	ng	99
15) Benzyl Alcohol	6.94	79	329787	48.300	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.07	45	498593	42.498	ng	98
17) 2-Methylphenol	7.06	107	325306	44.575	ng	99
18) Hexachloroethane	7.30	117	143748	44.734	ng	100
19) n-Nitroso-di-n-propylamine	7.21	70	241816	44.046	ng	95
20) 3+4-Methylphenols	7.21	107	372340	40.107	ng	98
22) Acetophenone	7.20	105	494561	45.683	ng	97
24) Nitrobenzene	7.38	77	404114	44.976	ng	99
25) Isophorone	7.62	82	743642	44.696	ng	99
26) 2-Nitrophenol	7.69	139	221963	52.014	ng	96
27) 2,4-Dimethylphenol	7.74	122	348320	50.274	ng	99
28) bis(2-Chloroethoxy)methane	7.83	93	470057	46.283	ng	99
29) 2,4-Dichlorophenol	7.94	162	339690	47.980	ng	98
30) 1,2,4-Trichlorobenzene	8.02	180	348618	44.382	ng	99
31) Naphthalene	8.10	128	1093993	44.213	ng	99
32) Benzoic acid	7.88	122	242068	46.543	ng	98
33) 4-Chloroaniline	8.15	127	320623	29.047	ng	99
34) Hexachlorobutadiene	8.22	225	199401	43.062	ng	99
35) Caprolactam	8.53	113	118899m	52.369	ng	
36) 4-Chloro-3-methylphenol	8.65	107	360262	49.615	ng	95
37) 2-Methylnaphthalene	8.79	142	767703	47.784	ng	99
38) 1-Methylnaphthalene	8.89	142	717333	47.143	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.96	216	350659	47.015	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.95	237	325349	78.927	nq	99
43) 2,4,6-Trichlorophenol	9.07	196	251276	47.849	nq	98
44) 2,4,5-Trichlorophenol	9.12	196	270442	45.400	nq	99
46) 1,1'-Biphenyl	9.26	154	915905	46.904	nq	99
47) 2-Chloronaphthalene	9.28	162	712003	44.722	nq	97
48) 2-Nitroaniline	9.38	65	232385	48.300	nq	99
49) Acenaphthylene	9.70	152	1154297	46.671	nq	100
50) Dimethylphthalate	9.56	163	969563	52.499	nq	99
51) 2,6-Dinitrotoluene	9.63	165	196151	49.437	nq	91
52) Acenaphthene	9.87	154	662059	42.104	nq	100
53) 3-Nitroaniline	9.79	138	152016	30.548	nq	99
54) 2,4-Dinitrophenol	9.91	184	218277	94.245	nq	98
55) Dibenzofuran	10.05	168	1000309	43.991	nq	98
56) 4-Nitrophenol	9.97	139	333012	88.096	nq	98
57) 2,4-Dinitrotoluene	10.03	165	255863	49.106	nq	94
58) Fluorene	10.39	166	760431	44.838	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.16	232	226636	49.970	nq	99
60) Diethylphthalate	10.26	149	856639	45.858	nq	100
61) 4-Chlorophenyl-phenylether	10.37	204	373432	41.283	nq	99
62) 4-Nitroaniline	10.42	138	222188	45.837	nq	99
63) Azobenzene	10.54	77	797294	44.833	nq	97
65) 4,6-Dinitro-2-methylphenol	10.45	198	150382	51.165	nq	89
66) n-Nitrosodiphenylamine	10.50	169	728625	45.855	nq	99
67) 4-Bromophenyl-phenylether	10.87	248	253501	45.014	nq	95
68) Hexachlorobenzene	10.93	284	286618	47.049	nq	# 91
69) Atrazine	11.03	200	211838	53.831	nq	98
70) Pentachlorophenol	11.13	266	324372	92.944	nq	98
71) Phenanthrene	11.35	178	1177279	45.318	nq	100
72) Anthracene	11.40	178	1204285	46.166	nq	100
73) Carbazole	11.56	167	1176281	45.438	nq	100
74) Di-n-butylphthalate	11.89	149	1369151	45.830	nq	99
75) Fluoranthene	12.54	202	1338425	46.481	nq	99
77) Benzidine	12.66	184	615080	54.504	nq	99
78) Pyrene	12.77	202	1384234	45.615	nq	99
80) Butylbenzylphthalate	13.39	149	628244	46.441	nq	99
81) Benzo(a)anthracene	13.96	228	1247740	48.006	nq	99
82) 3,3'-Dichlorobenzidine	13.92	252	433703	44.229	nq	97
83) Chrysene	14.00	228	1240067	45.400	nq	100
84) Bis(2-ethylhexyl)phthalate	13.94	149	814339	48.817	nq	99
85) Di-n-octyl phthalate	14.56	149	1503177	45.293	nq	98
87) Indeno(1,2,3-cd)pyrene	16.86	276	1508506	45.267	nq	100
88) Benzo(b)fluoranthene	15.00	252	1509049	52.101	nq	99
89) Benzo(k)fluoranthene	15.03	252	1156001	43.763	nq	99
90) Benzo(a)pyrene	15.36	252	1256579	47.551	nq	100
91) Dibenzo(a,h)anthracene	16.88	278	1217031	44.709	nq	99
92) Benzo(g,h,i)perylene	17.30	276	1277991	47.616	nq	99

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



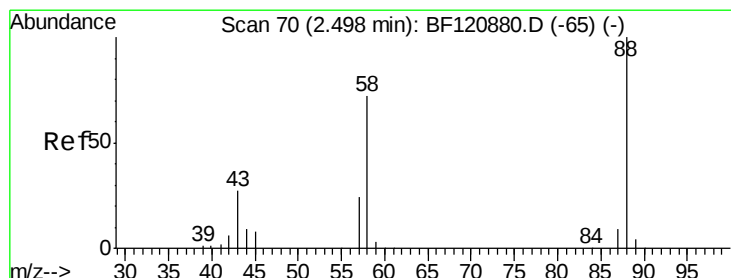
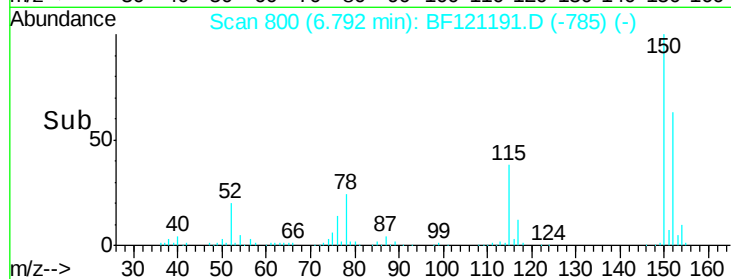
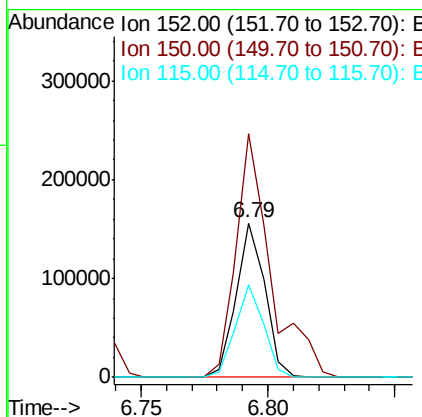
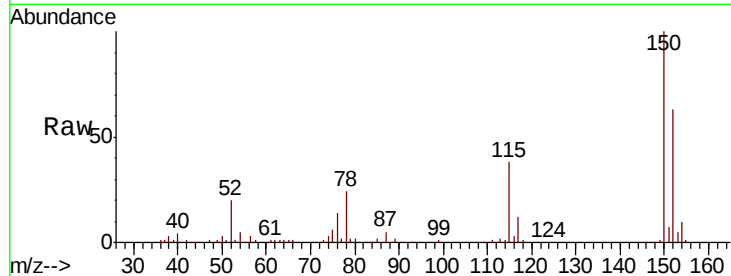
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.79 min Scan# 800
 Delta R.T. -0.01 min
 Lab File: BF121191.D
 Acq: 5 Aug 2020 13:45

Instrument :
 BNA_F
 ClientSampleId :
 COMP-CDMSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.9	125.6	188.4
115	59.8	46.2	69.2

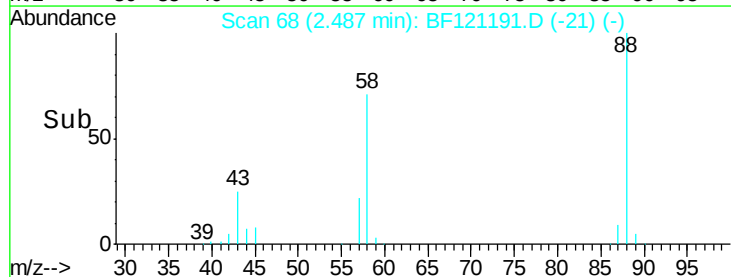
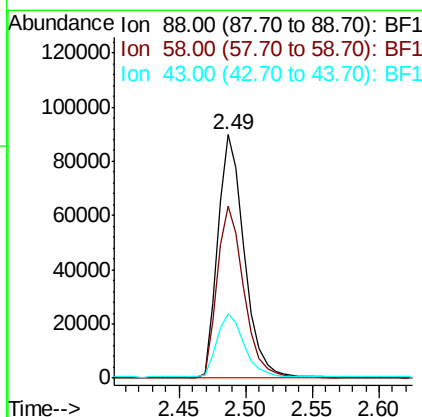
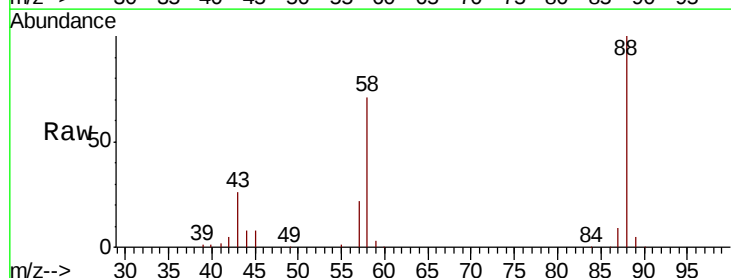
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#2
 1,4-Dioxane
 Concen: 36.689 ng
 RT: 2.49 min Scan# 68
 Delta R.T. -0.02 min
 Lab File: BF121191.D
 Acq: 5 Aug 2020 13:45

Tgt Ion	Ratio	Lower	Upper
88	100		
58	71.3	58.2	87.4
43	26.5	21.3	31.9





#3

Pvridine

Concen: 33.185 ng

RT: 3.23 min Scan# 194

Delta R.T. -0.02 min

Lab File: BF121191.D

Acq: 5 Aug 2020 13:45

Instrument :

BNA_F

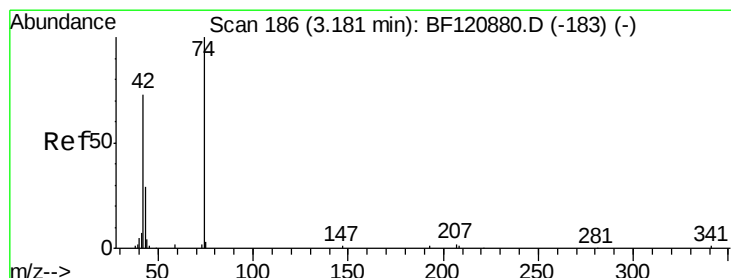
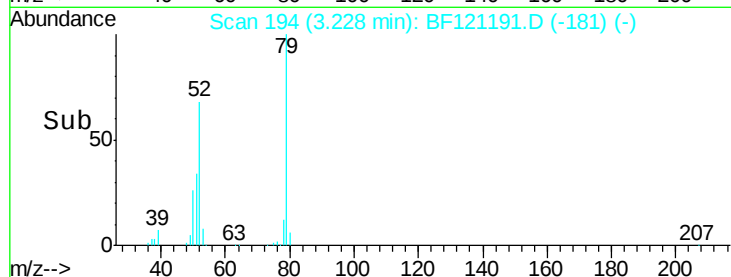
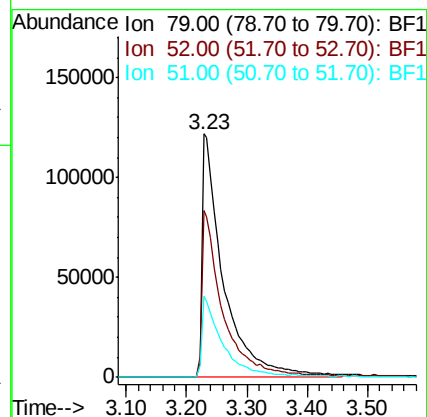
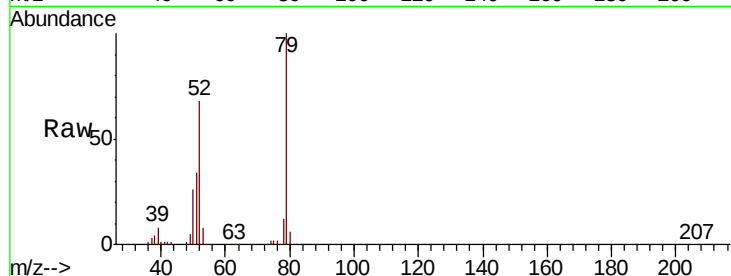
ClientSampleId :

COMP-CDMSD

Tot Ion:	79	Resp:	303674
Ion	Ratio	Lower	Upper
79	100		
52	68.4	54.9	82.3
51	33.6	27.4	41.0

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#4

n-Nitrosodimethylamine

Concen: 42.518 ng

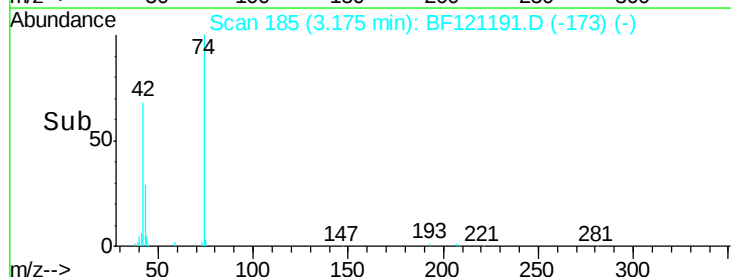
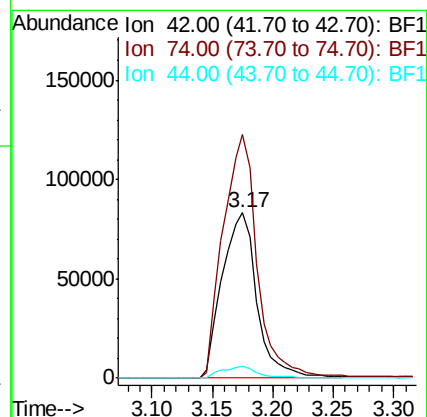
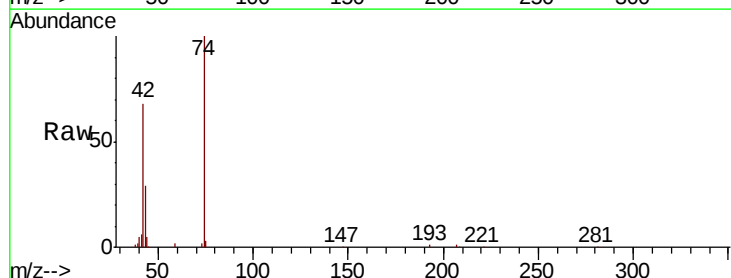
RT: 3.17 min Scan# 185

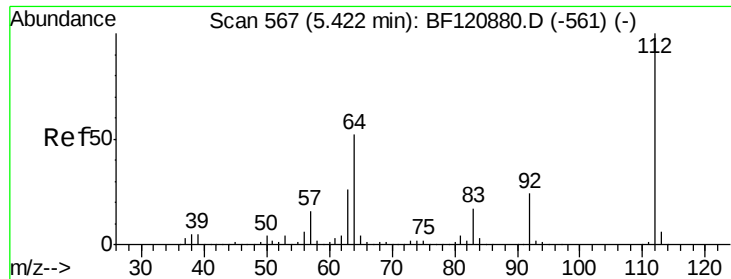
Delta R.T. -0.03 min

Lab File: BF121191.D

Acq: 5 Aug 2020 13:45

Tgt Ion:	42	Resp:	166371
Ion	Ratio	Lower	Upper
42	100		
74	147.4	117.3	175.9
44	7.3	5.9	8.9





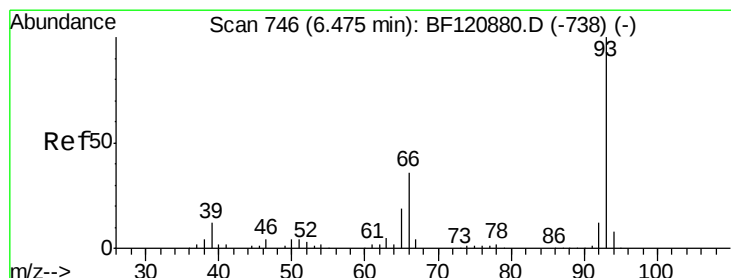
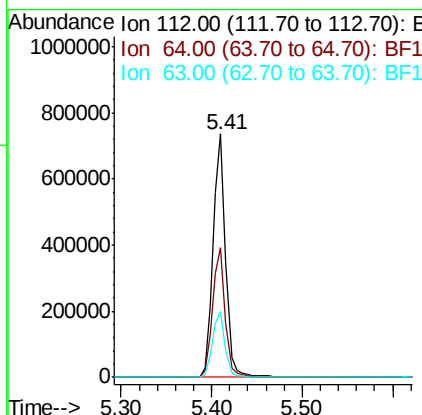
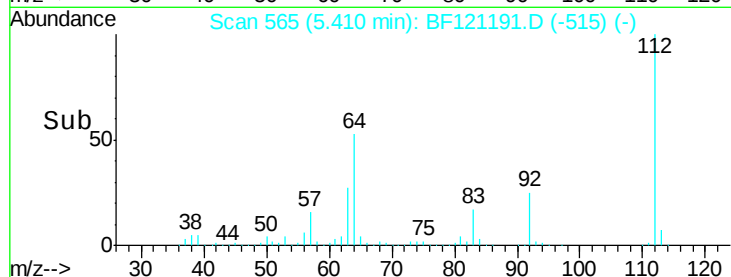
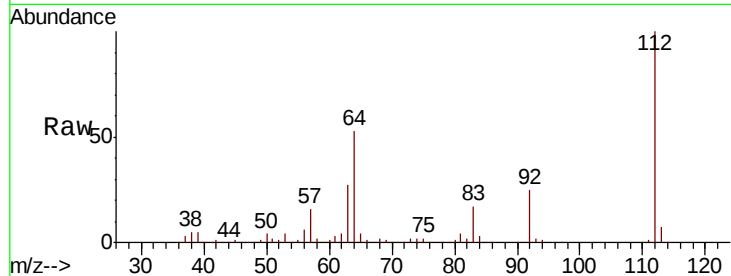
#5
2-Fluorophenol
Concen: 95.650 ng
RT: 5.41 min Scan# 565
Delta R.T. -0.01 min
Lab File: BF121191.D
Acq: 5 Aug 2020 13:45

Instrument :
BNA_F
ClientSampleId :
COMP-CDMSD

Tot Ion:	112	Resp:	714919
Ion Ratio	Lower	Upper	
112	100		
64	53.4	43.9	65.9
63	27.2	22.7	34.1

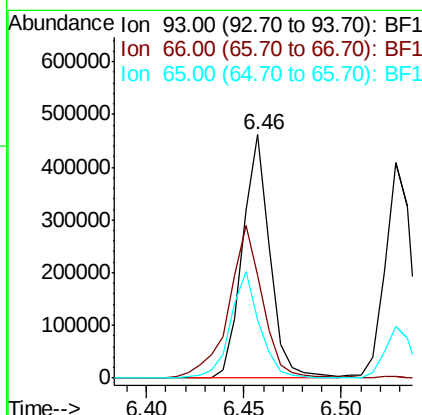
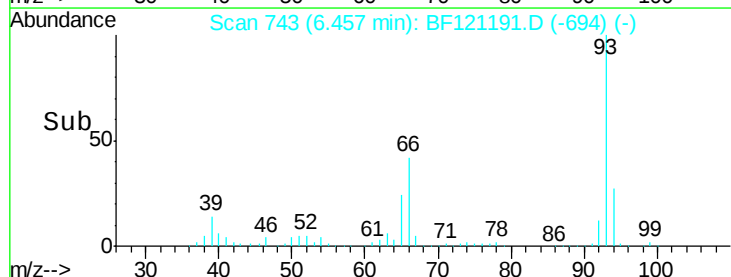
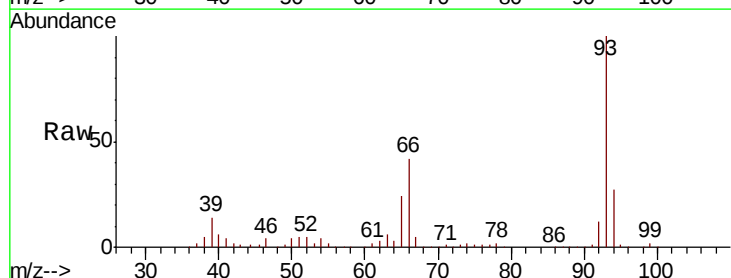
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#6
Aniline
Concen: 35.710 ng
RT: 6.46 min Scan# 743
Delta R.T. -0.01 min
Lab File: BF121191.D
Acq: 5 Aug 2020 13:45

Tgt Ion:	93	Resp:	450049
Ion Ratio	Lower	Upper	
93	100		
66	42.4	31.0	46.4
65	23.6	16.2	24.4





#7

Phenol-d6

Concen: 93.051 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF121191.D

Acq: 5 Aug 2020 13:45

Instrument :

BNA_F

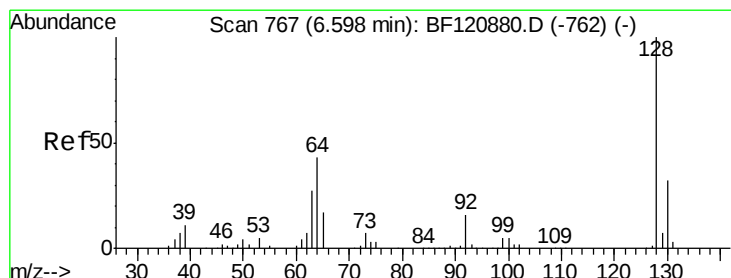
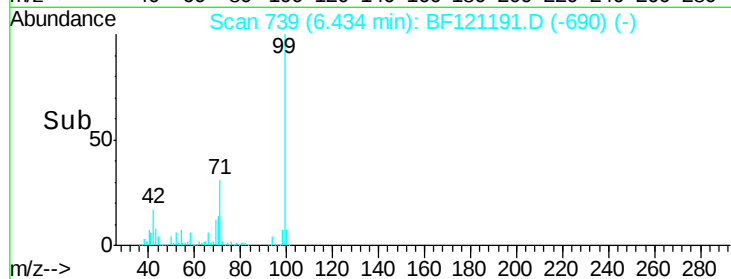
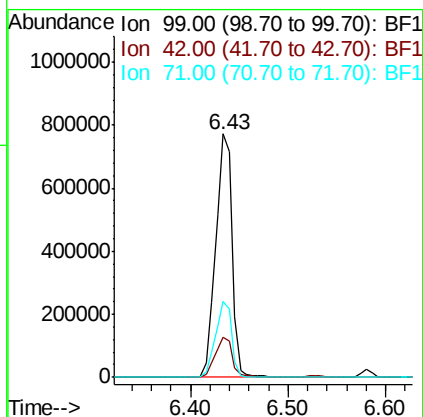
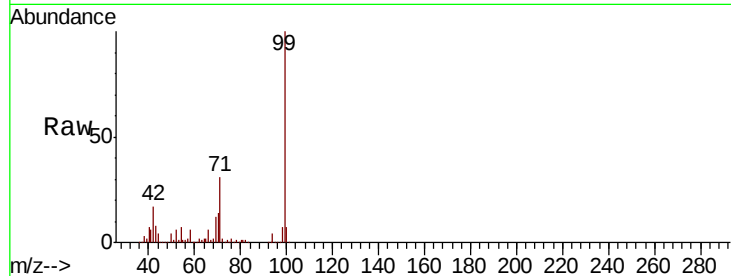
ClientSampleId :

COMP-CDMSD

Tot Ion:	99	Resp:	898405
Ion Ratio	Lower	Upper	
99	100		
42	16.7	13.5	20.3
71	31.4	25.0	37.4

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#8

2-Chlorophenol

Concen: 49.456 ng

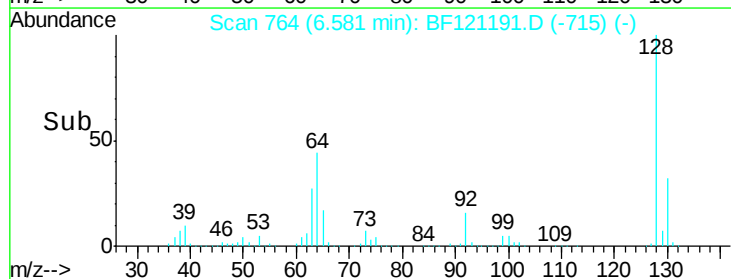
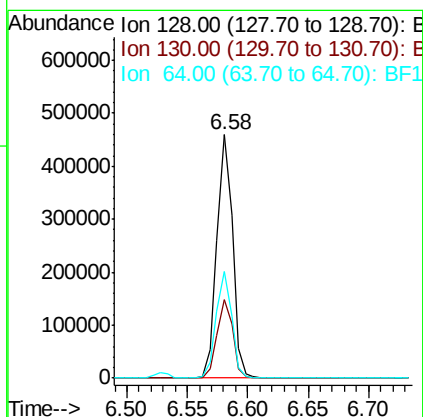
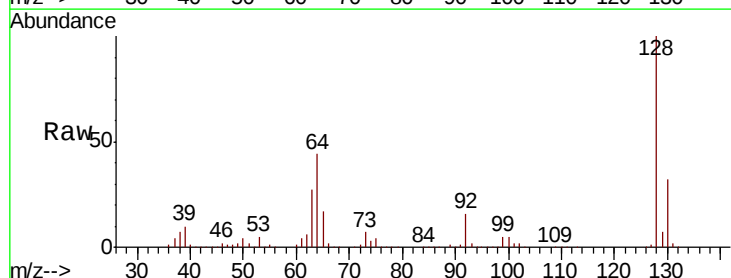
RT: 6.58 min Scan# 764

Delta R.T. -0.01 min

Lab File: BF121191.D

Acq: 5 Aug 2020 13:45

Tgt Ion:	128	Resp:	407219
Ion Ratio	Lower	Upper	
128	100		
130	32.2	12.7	52.7
64	43.7	23.8	63.8





#9

Benzaldehyde

Concen: 61.333 ng

RT: 6.34 min Scan# 723

Delta R.T. -0.01 min

Lab File: BF121191.D

Acq: 5 Aug 2020 13:45

Instrument :

BNA_F

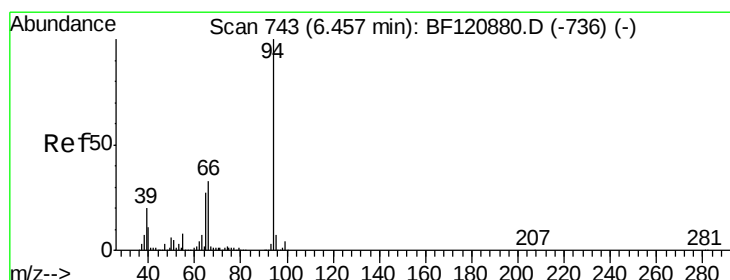
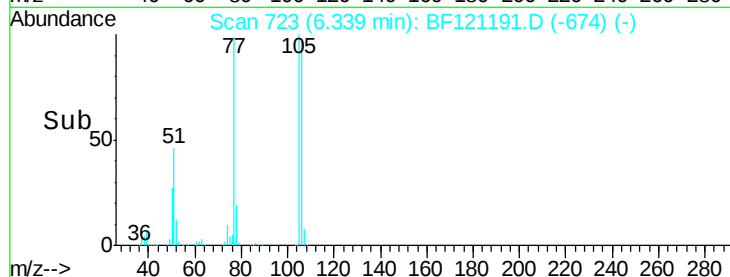
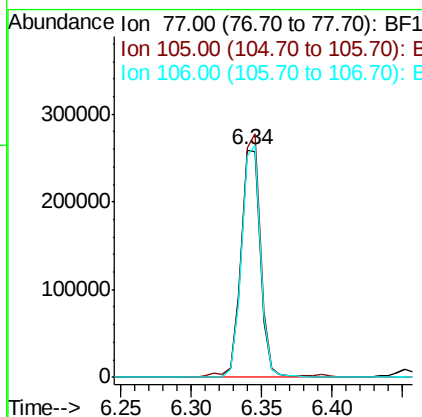
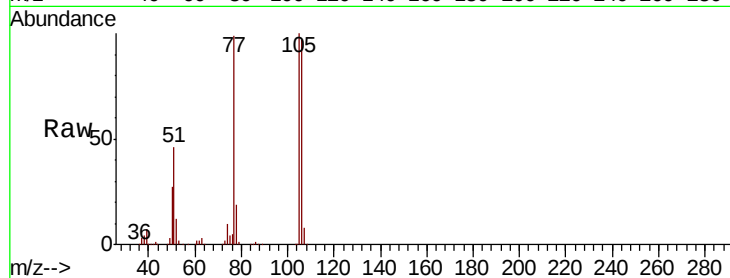
ClientSampleId :

COMP-CDMSD

Tot Ion:	77	Resp:	249373
Ion	Ratio	Lower	Upper
77	100		
105	100.8	82.4	122.4
106	97.4	78.9	118.9

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#10

Phenol

Concen: 46.065 ng

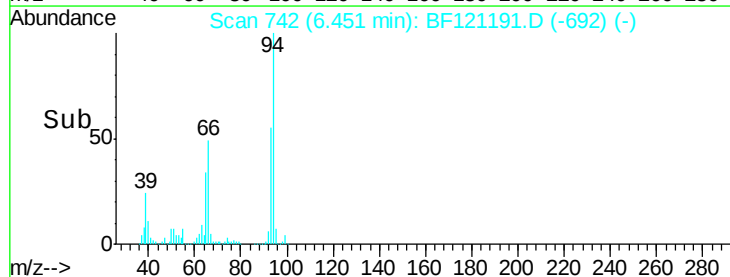
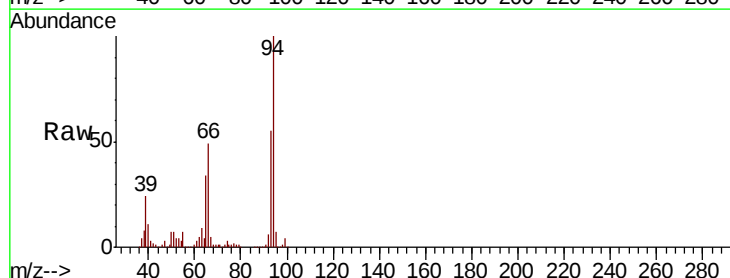
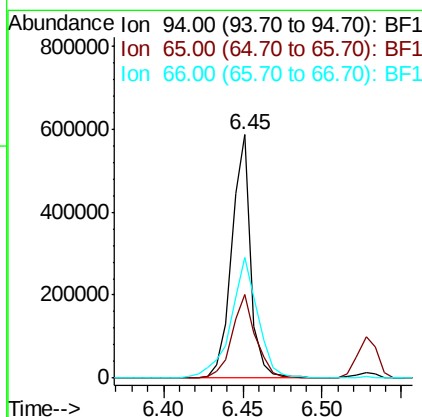
RT: 6.45 min Scan# 742

Delta R.T. -0.01 min

Lab File: BF121191.D

Acq: 5 Aug 2020 13:45

Tgt Ion:	94	Resp:	489239
Ion	Ratio	Lower	Upper
94	100		
65	34.3	12.6	52.6
66	49.4	25.6	65.6





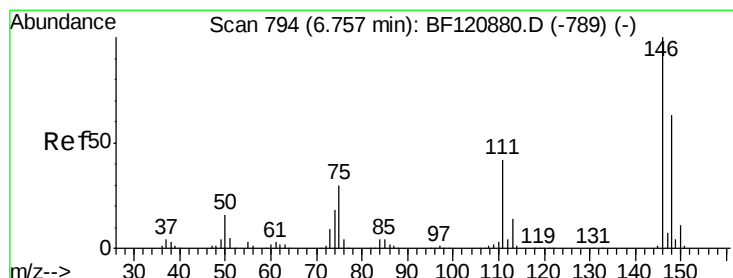
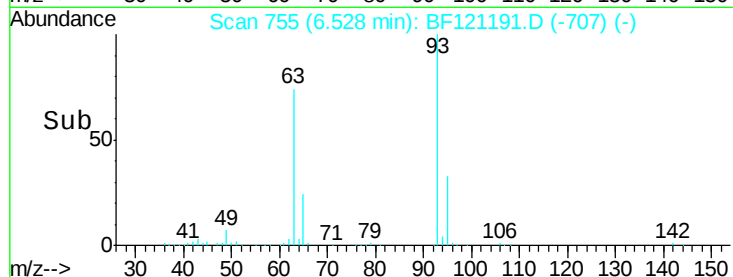
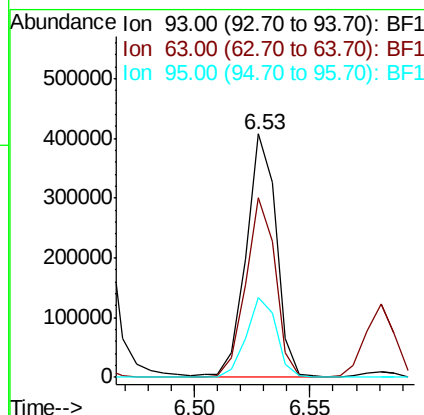
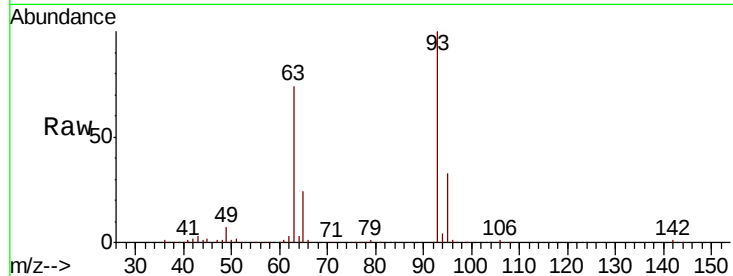
#11
bis(2-Chloroethyl)ether
Concen: 45.439 ng
RT: 6.53 min Scan# 755
Delta R.T. -0.02 min
Lab File: BF121191.D
Acq: 5 Aug 2020 13:45

Instrument :
BNA_F
ClientSampleId :
COMP-CDMSD

Tot Ion:	93	Resp:	369855
Ion Ratio	Lower	Upper	
93	100		
63	73.7	51.9	91.9
95	32.8	13.2	53.2

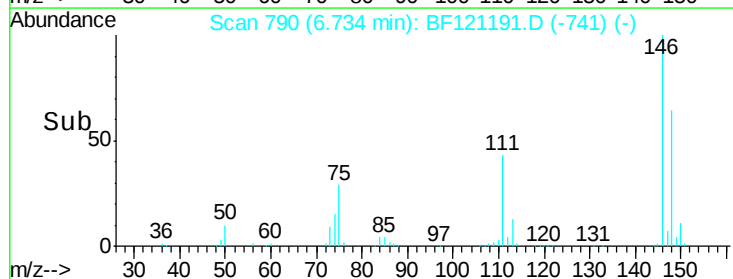
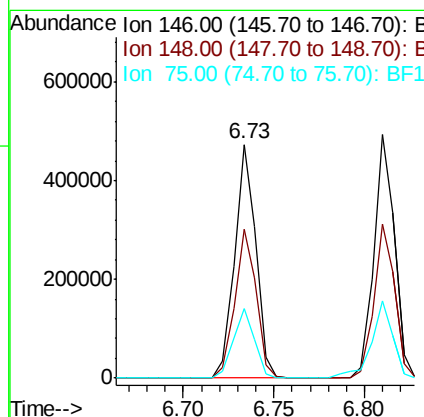
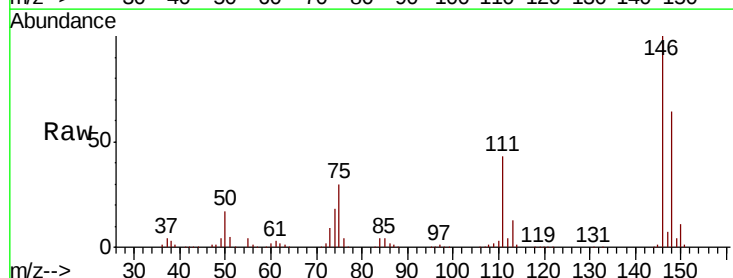
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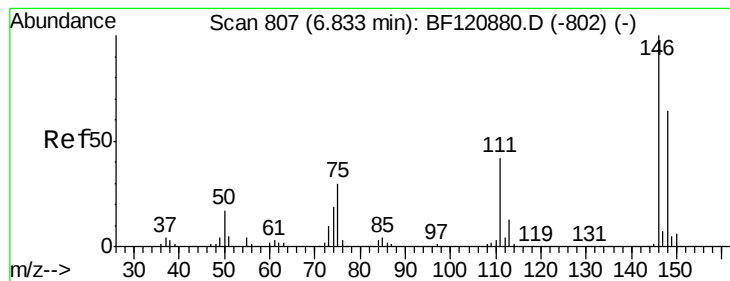
mohammad
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#12
1,3-Dichlorobenzene
Concen: 43.027 ng
RT: 6.73 min Scan# 790
Delta R.T. -0.01 min
Lab File: BF121191.D
Acq: 5 Aug 2020 13:45

Tgt Ion:	146	Resp:	384165
Ion Ratio	Lower	Upper	
146	100		
148	63.7	51.7	77.5
75	29.9	23.8	35.6





#13

1,4-Dichlorobenzene

Concen: 44.082 ng

RT: 6.81 min Scan# 803

Delta R.T. -0.01 min

Lab File: BF121191.D

Acq: 5 Aug 2020 13:45

Instrument :

BNA_F

ClientSampleId :

COMP-CDMSD

Tot Ion:146 Resp: 391369

Ion Ratio Lower Upper

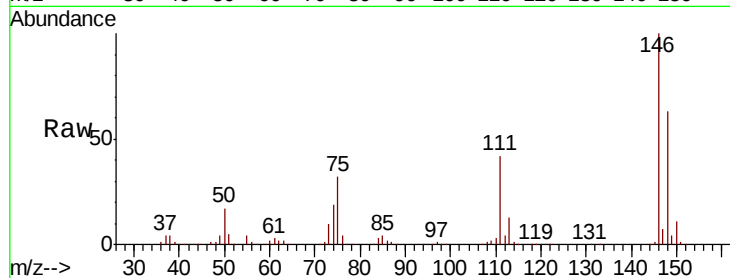
146 100

148 63.2 50.5 75.7

111 41.8 32.8 49.2

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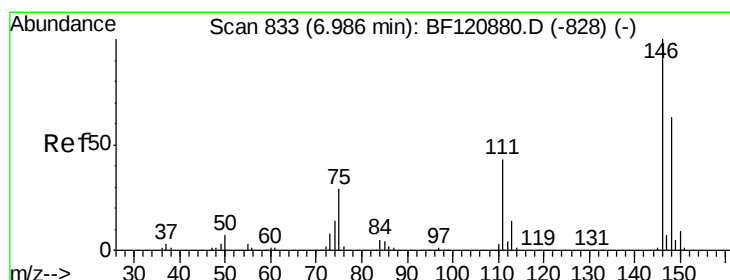
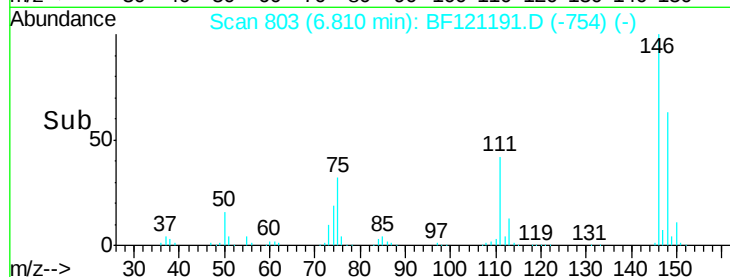
Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

6.81

Time-->



#14

1,2-Dichlorobenzene

Concen: 45.764 ng

RT: 6.96 min Scan# 829

Delta R.T. -0.01 min

Lab File: BF121191.D

Acq: 5 Aug 2020 13:45

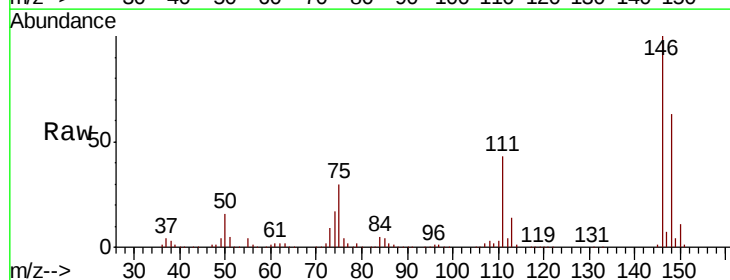
Tgt Ion:146 Resp: 384373

Ion Ratio Lower Upper

146 100

148 63.4 50.8 76.2

111 42.9 35.4 53.0



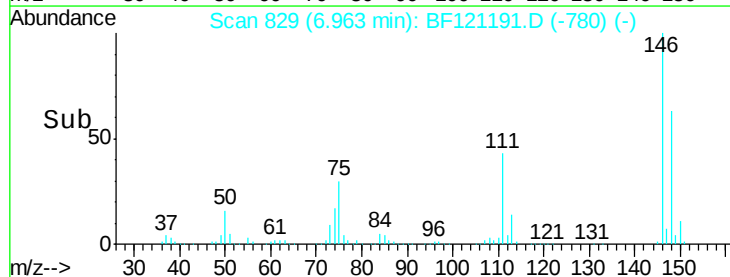
Abundance Ion 146.00 (145.70 to 146.70): E

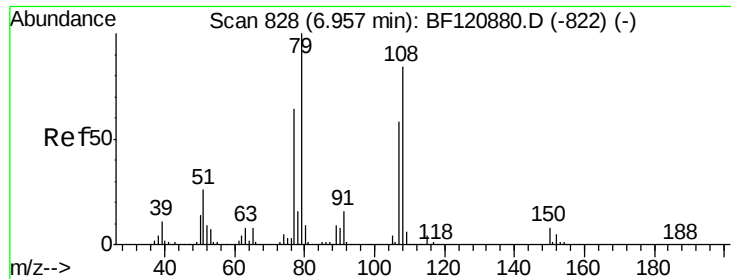
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

6.96

Time-->





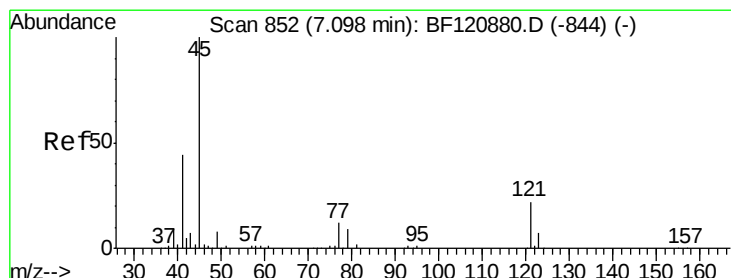
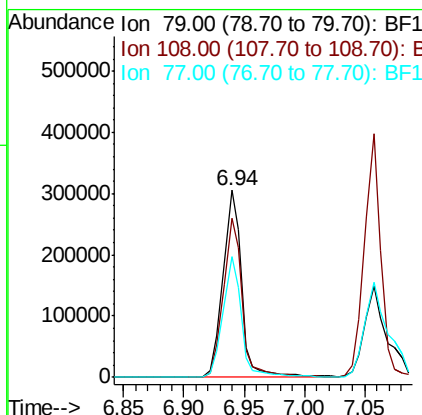
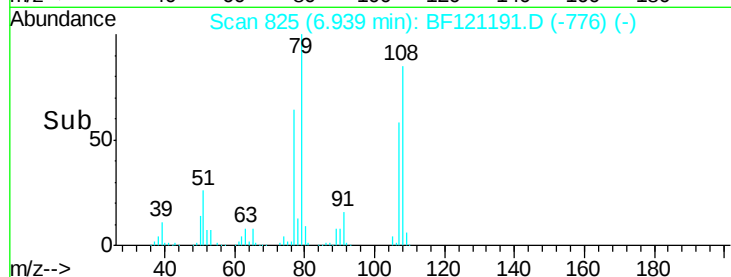
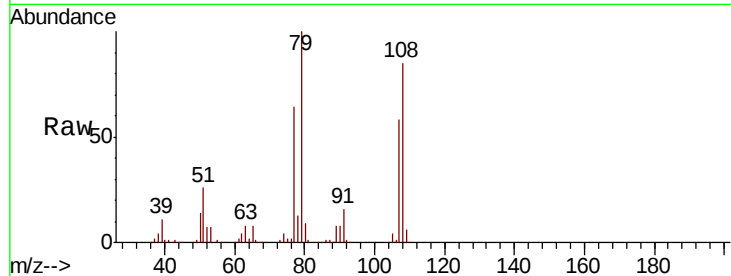
#15
Benzyl Alcohol
Concen: 48.300 ng
RT: 6.94 min Scan# 825
Delta R.T. -0.01 min
Lab File: BF121191.D
Acq: 5 Aug 2020 13:45

Instrument :
BNA_F
ClientSampleID :
COMP-CDMSD

Tot Ion	Ratio	Lower	Upper
79	100		
108	85.0	68.6	103.0
77	64.3	51.4	77.2

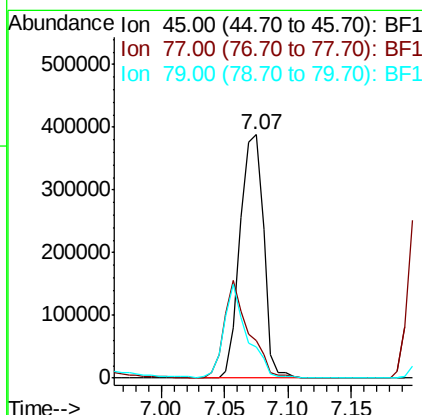
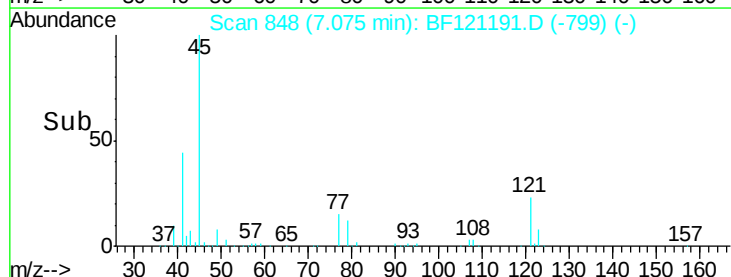
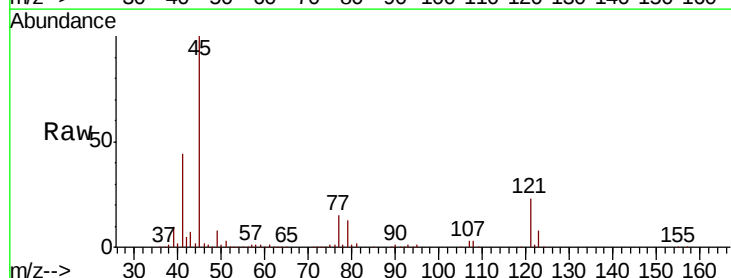
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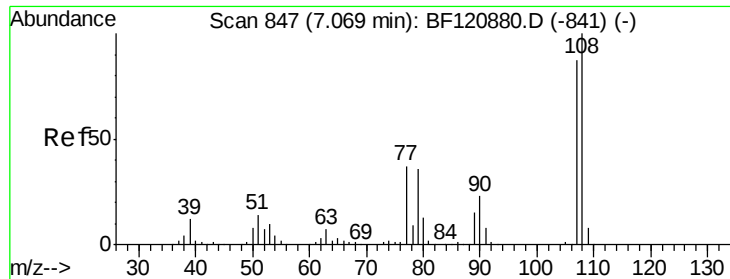
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#16
2,2'-oxybis(1-chloropropane)
Concen: 42.498 ng
RT: 7.07 min Scan# 848
Delta R.T. -0.01 min
Lab File: BF121191.D
Acq: 5 Aug 2020 13:45

Tgt Ion	Ratio	Lower	Upper
45	100		
77	15.3	0.0	34.7
79	12.6	0.0	32.0





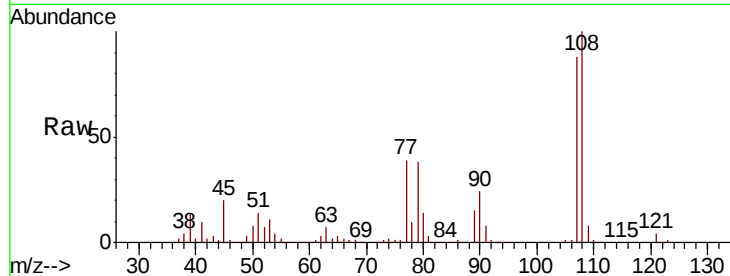
#17
2-Methylphenol
Concen: 44.575 ng
RT: 7.06 min Scan# 845
Delta R.T. -0.01 min
Lab File: BF121191.D
Acq: 5 Aug 2020 13:45

Instrument :
BNA_F
ClientSampleId :
COMP-CDMSD

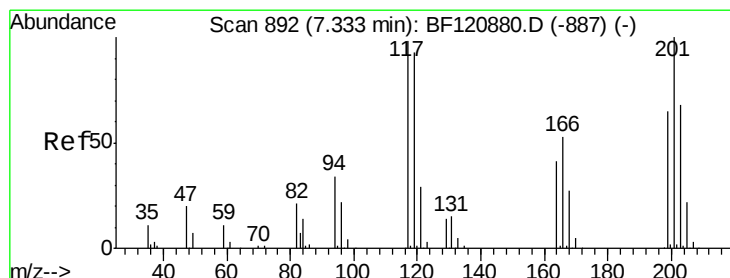
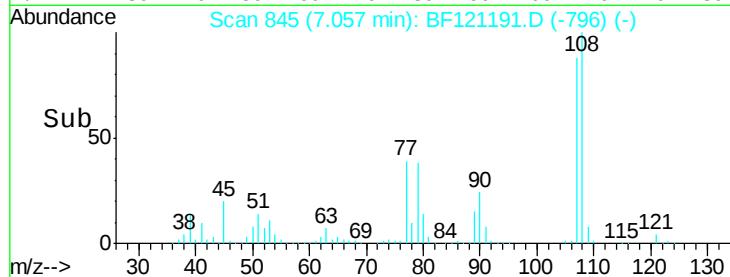
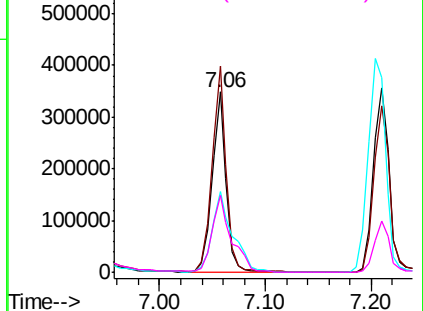
Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	114.0	91.2	136.8	
77	44.6	36.5	54.7	
79	42.9	35.0	52.6	

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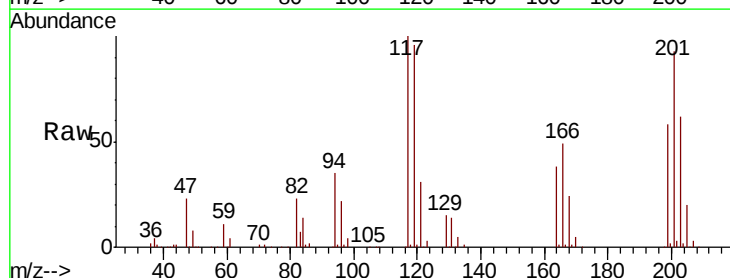


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

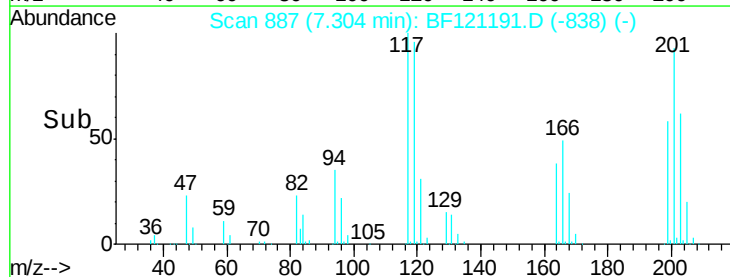
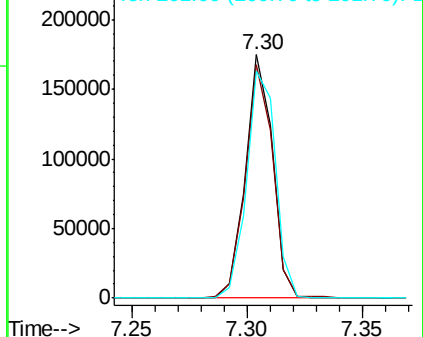


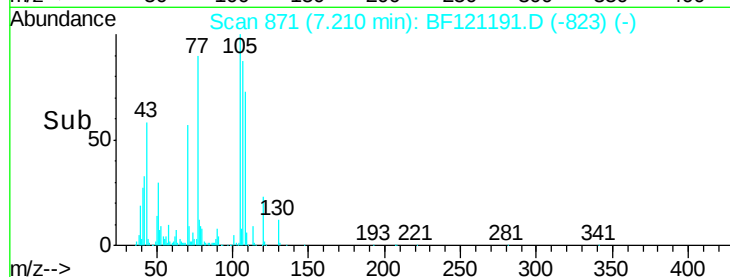
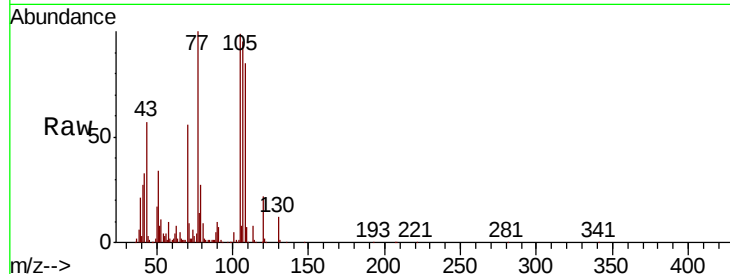
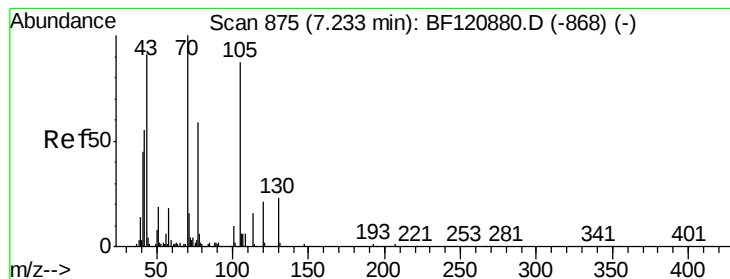
#18
Hexachloroethane
Concen: 44.734 ng
RT: 7.30 min Scan# 887
Delta R.T. -0.01 min
Lab File: BF121191.D
Acq: 5 Aug 2020 13:45

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	95.6	76.6	114.8	
201	93.1	75.0	112.4	



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





#19

n-Nitroso-di-n-propylamine

Concen: 44.046 ng

RT: 7.21 min Scan# 871

Delta R.T. -0.02 min

Lab File: BF121191.D

Acq: 5 Aug 2020 13:45

Tot Ion	Ratio	Lower	Upper
70	100		
42	58.7	43.3	64.9
101	9.5	8.4	12.6
130	21.9	18.7	28.1

Instrument :

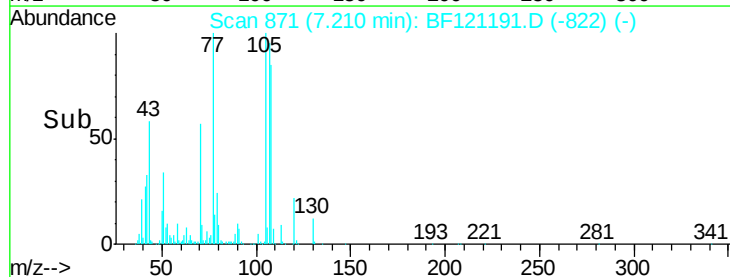
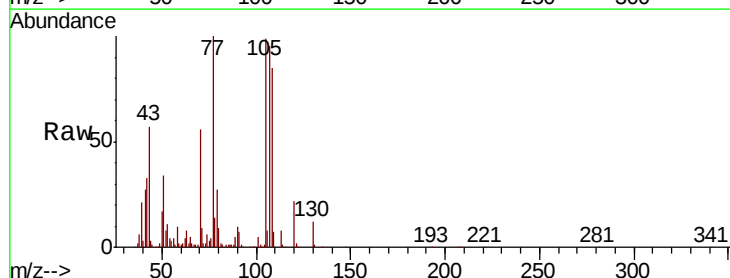
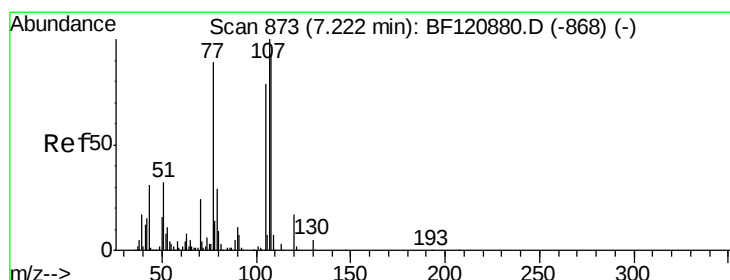
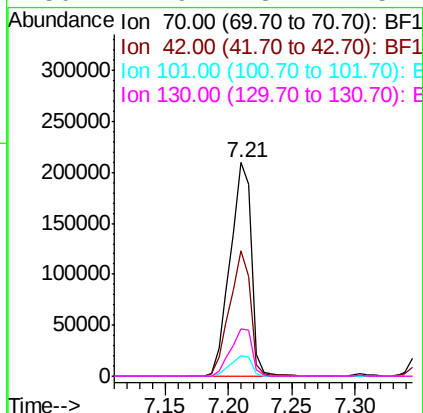
BNA_F

ClientSampleId :

COMP-CDMSD

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#20

3+4-Methylphenols

Concen: 40.107 ng

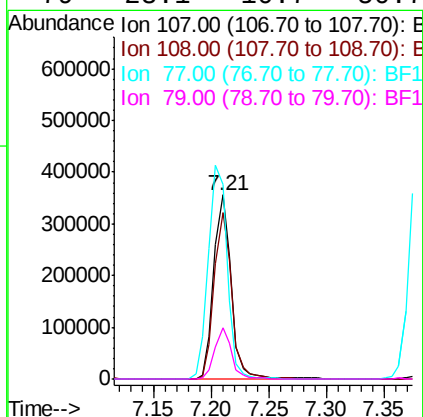
RT: 7.21 min Scan# 871

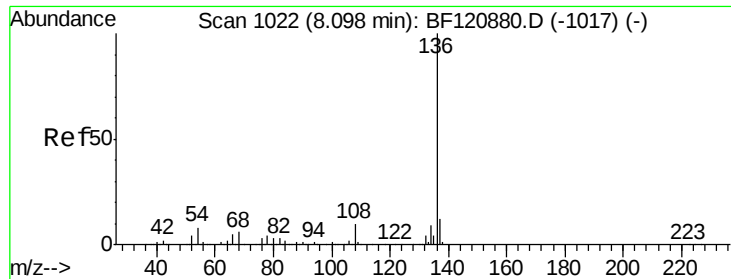
Delta R.T. -0.01 min

Lab File: BF121191.D

Acq: 5 Aug 2020 13:45

Tgt Ion	Ratio	Lower	Upper
107	100		
108	90.0	73.7	113.7
77	105.4	84.9	124.9
79	28.1	10.7	50.7





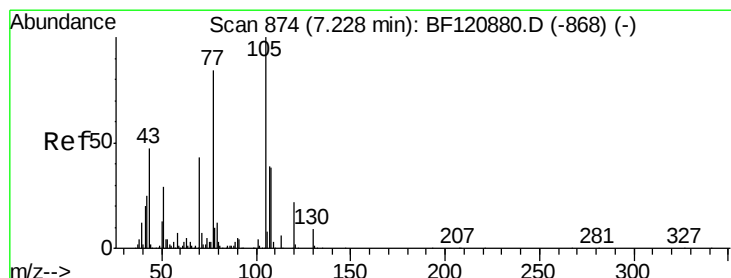
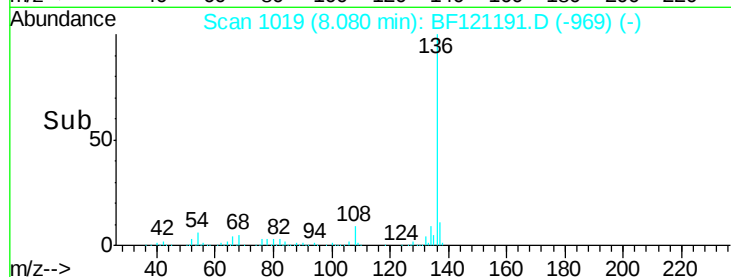
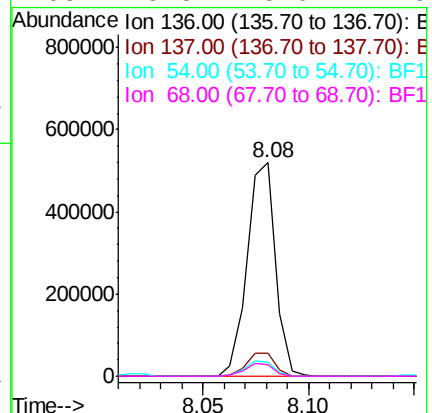
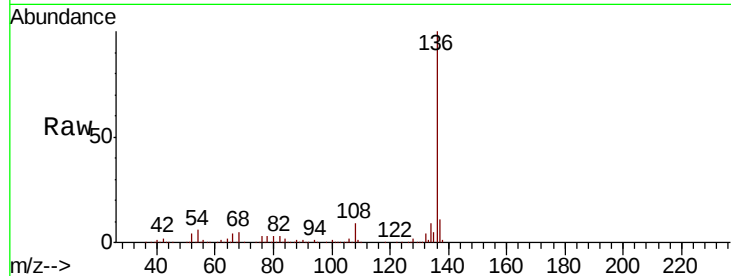
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.08 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BF121191.D
Acq: 5 Aug 2020 13:45

Instrument :
BNA_F
ClientSampleId :
COMP-CDMSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	482377		
137	10.6	9.0	13.4	
54	6.5	6.1	9.1	
68	5.3	5.0	7.6	

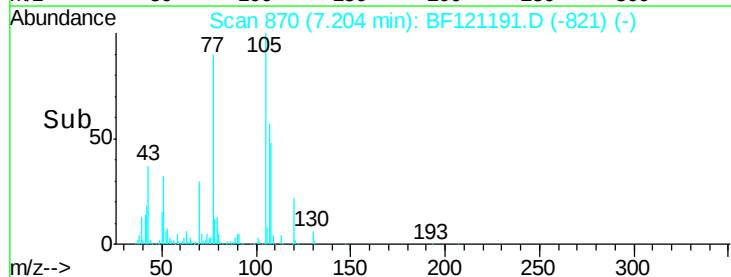
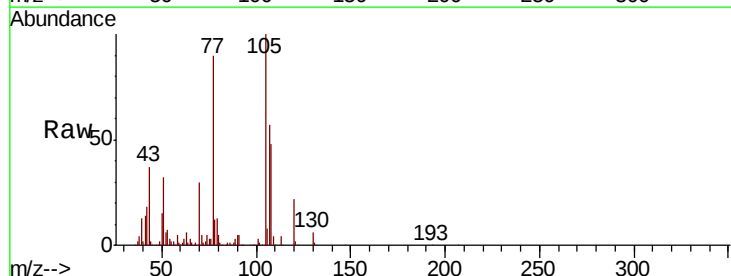
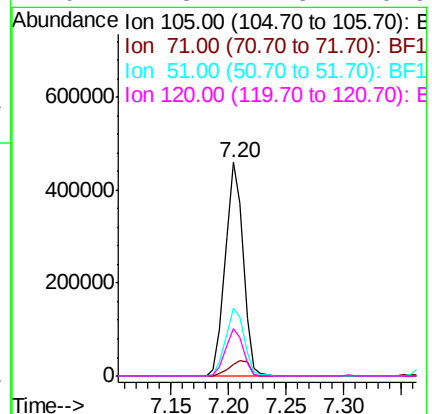
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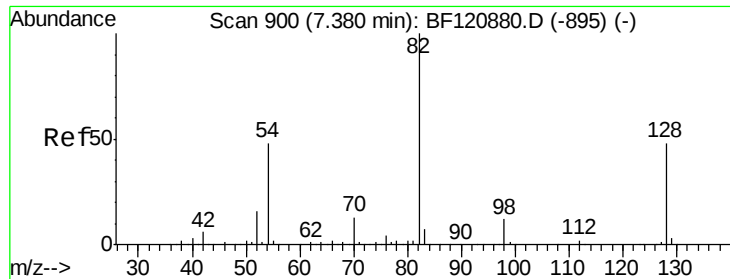
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#22
Acetophenone
Concen: 45.683 ng
RT: 7.20 min Scan# 870
Delta R.T. -0.01 min
Lab File: BF121191.D
Acq: 5 Aug 2020 13:45

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	494561		
71	5.2	3.8	5.8	
51	32.0	28.0	42.0	
120	22.3	17.8	26.6	





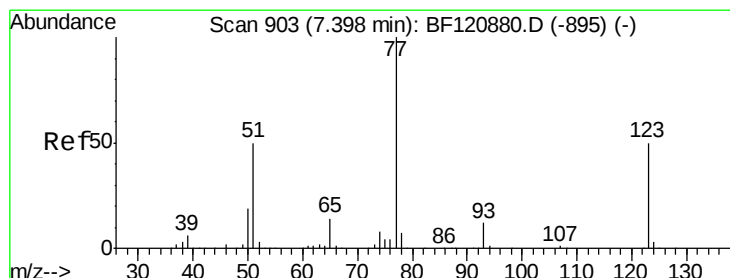
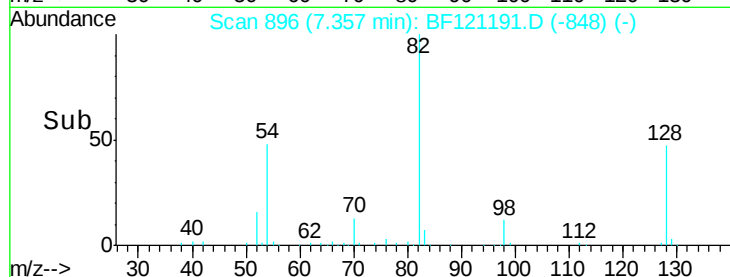
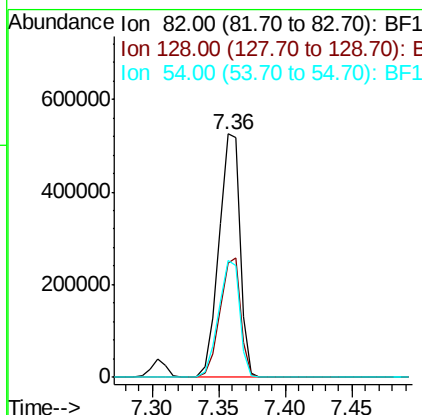
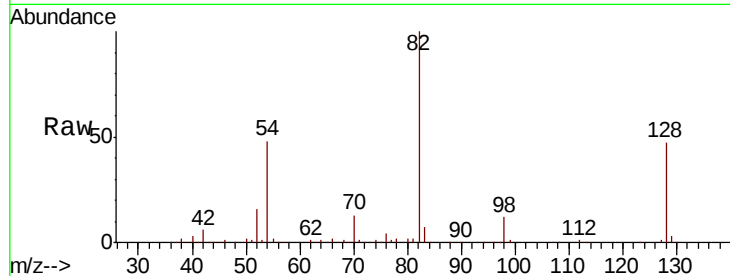
#23
 Nitrobenzene-d5
 Concen: 70.943 ng
 RT: 7.36 min Scan# 896
 Delta R.T. -0.02 min
 Lab File: BF121191.D
 Acq: 5 Aug 2020 13:45

Instrument :
 BNA_F
 ClientSampleId :
 COMP-CDMSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	46.9	39.2	58.8
54	48.0	37.8	56.8

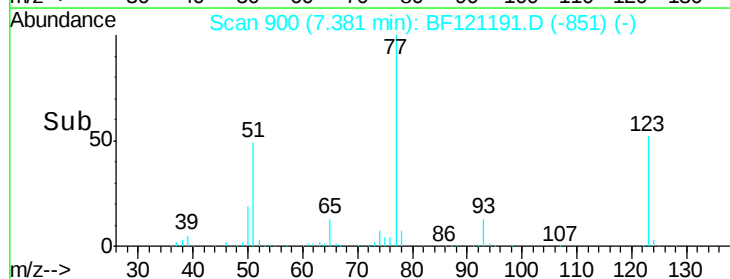
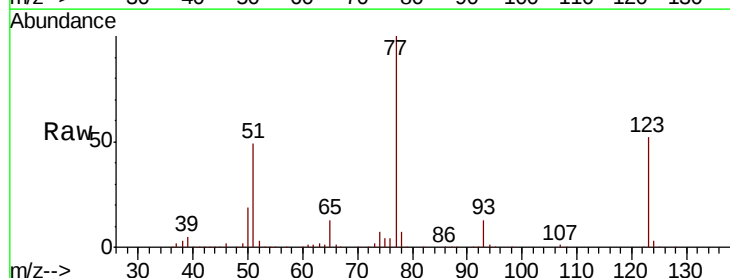
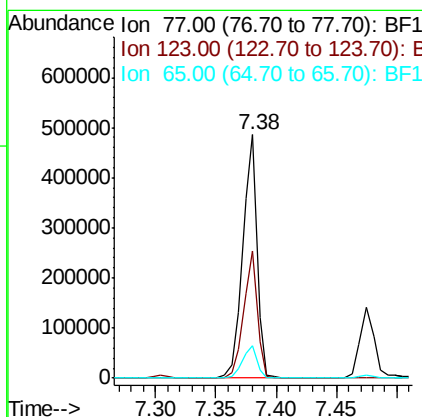
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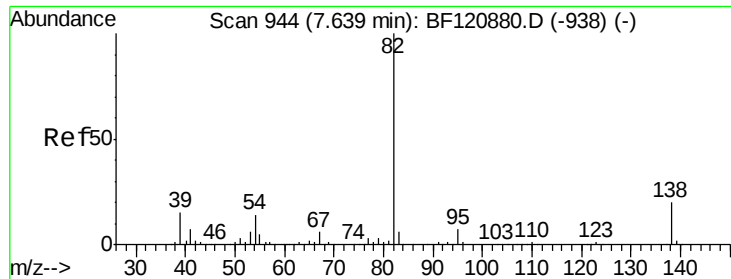
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#24
 Nitrobenzene
 Concen: 44.976 ng
 RT: 7.38 min Scan# 900
 Delta R.T. -0.01 min
 Lab File: BF121191.D
 Acq: 5 Aug 2020 13:45

Tgt Ion	Ratio	Lower	Upper
77	100		
123	52.0	41.0	61.6
65	13.4	10.3	15.5





#25

Isophorone

Concen: 44.696 ng

RT: 7.62 min Scan# 941

Delta R.T. -0.01 min

Lab File: BF121191.D

Acq: 5 Aug 2020 13:45

Instrument :

BNA_F

ClientSampleId :

COMP-CDMSD

Tot Ion: 82 Resp: 743642

Ion Ratio Lower Upper

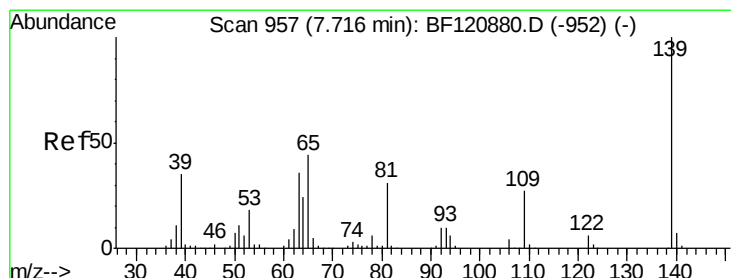
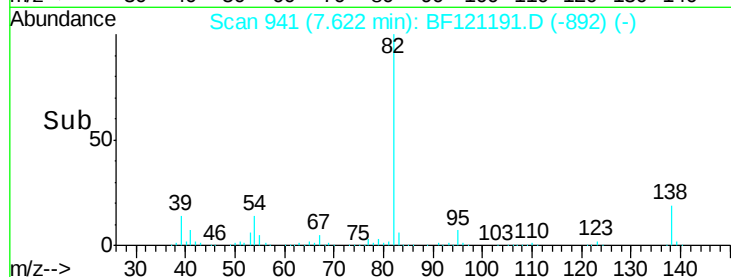
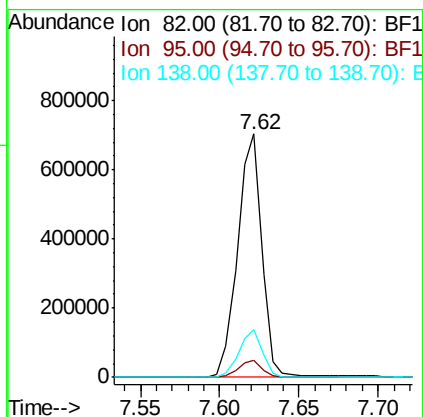
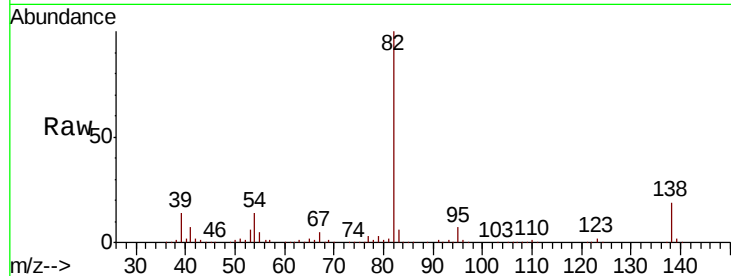
82 100

95 6.8 5.5 8.3

138 19.4 16.2 24.2

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#26

2-Nitrophenol

Concen: 52.014 ng

RT: 7.69 min Scan# 953

Delta R.T. -0.01 min

Lab File: BF121191.D

Acq: 5 Aug 2020 13:45

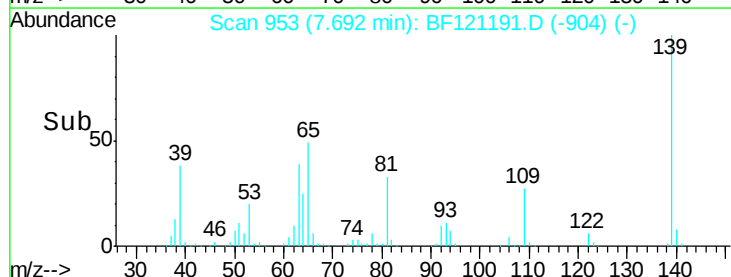
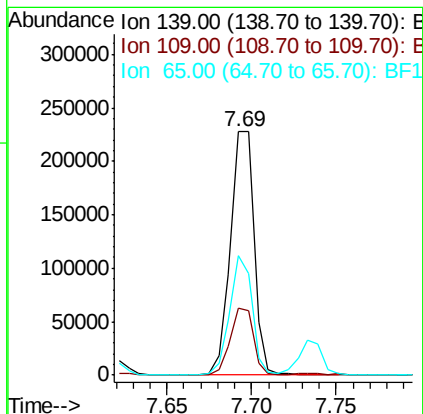
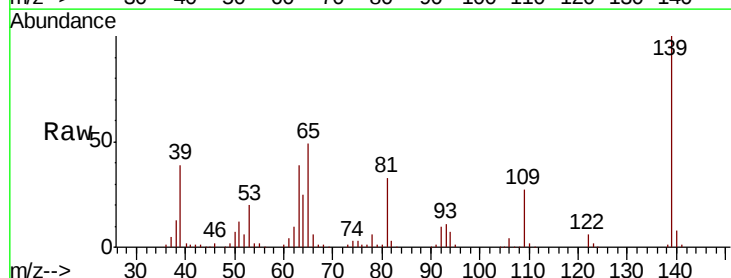
Tgt Ion: 139 Resp: 221963

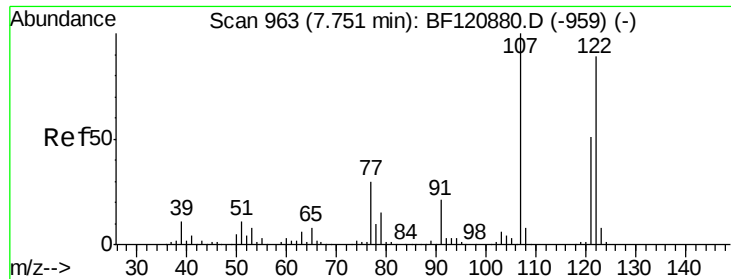
Ion Ratio Lower Upper

139 100

109 27.4 21.7 32.5

65 49.1 36.3 54.5





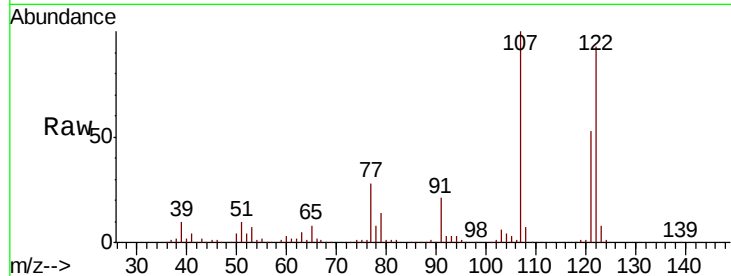
#27
2,4-Dimethylphenol
Concen: 50.274 ng
RT: 7.74 min Scan# 961
Delta R.T. -0.01 min
Lab File: BF121191.D
Acq: 5 Aug 2020 13:45

Instrument :
BNA_F
ClientSampleId :
COMP-CDMSD

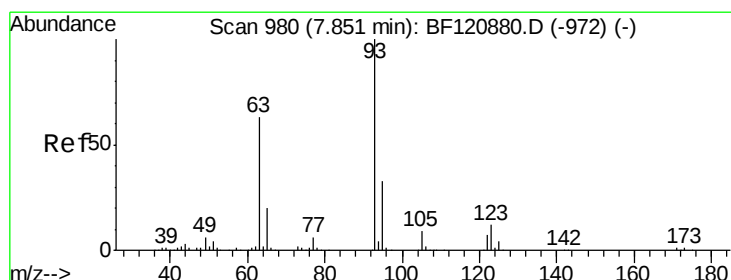
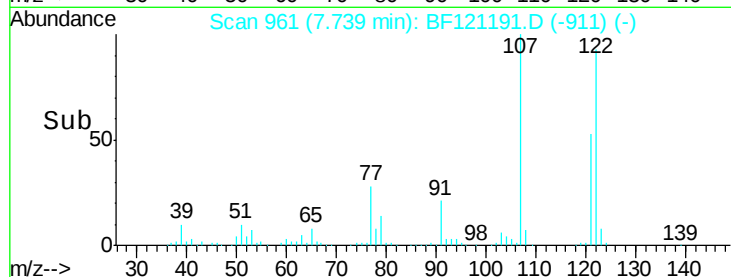
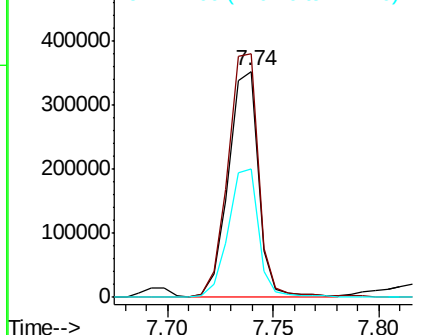
Tot Ion	Ratio	Lower	Upper
122	100		
107	107.7	87.1	130.7
121	56.8	45.5	68.3

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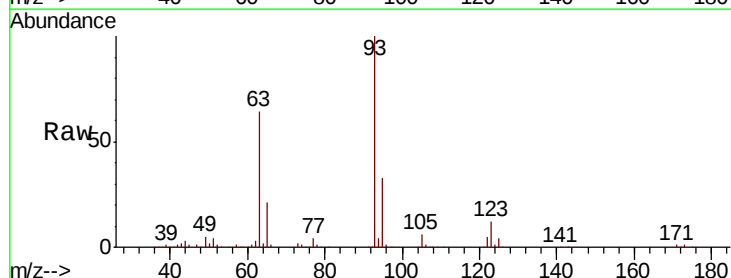


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

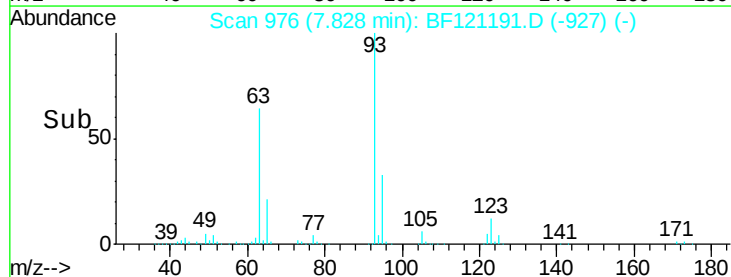
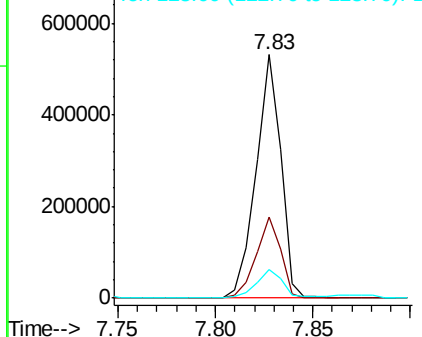


#28
bis(2-Chloroethoxy)methane
Concen: 46.283 ng
RT: 7.83 min Scan# 976
Delta R.T. -0.01 min
Lab File: BF121191.D
Acq: 5 Aug 2020 13:45

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.5	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





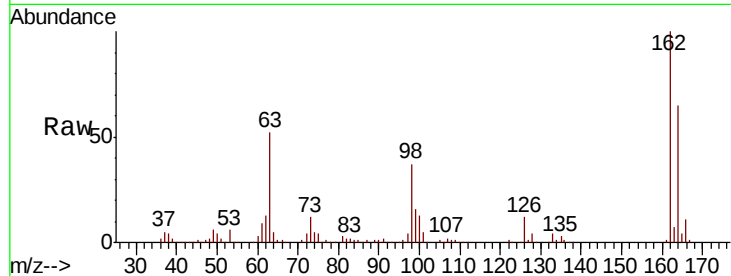
#29
2,4-Dichlorophenol
Concen: 47.980 ng
RT: 7.94 min Scan# 995
Delta R.T. -0.01 min
Lab File: BF121191.D
Acq: 5 Aug 2020 13:45

Instrument :
BNA_F
ClientSampleId :
COMP-CDMSD

Tot Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	65.4	44.7	84.7
98	36.6	14.2	54.2

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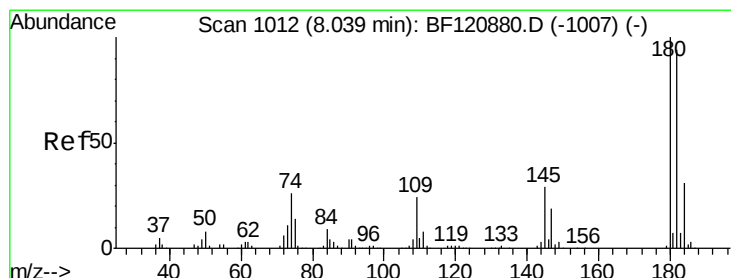
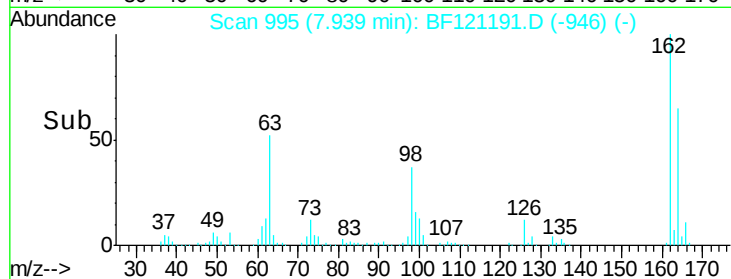
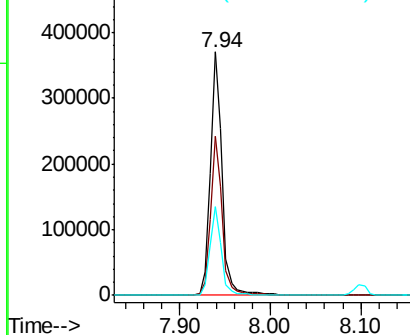


Abundance

Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
1,2,4-Trichlorobenzene
Concen: 44.382 ng
RT: 8.02 min Scan# 1009
Delta R.T. -0.01 min
Lab File: BF121191.D
Acq: 5 Aug 2020 13:45

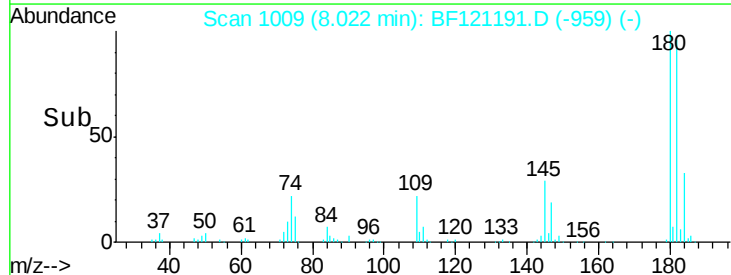
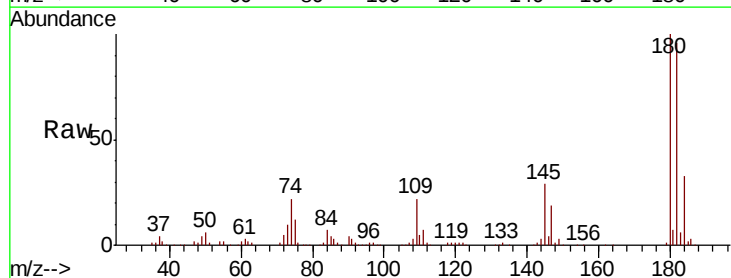
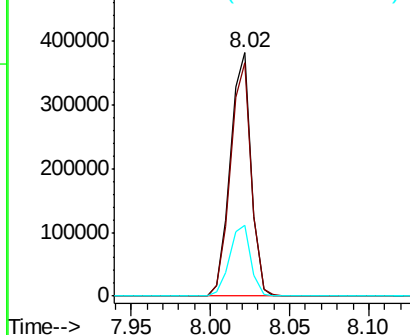
Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	95.9	76.4	114.6
145	29.0	24.2	36.4

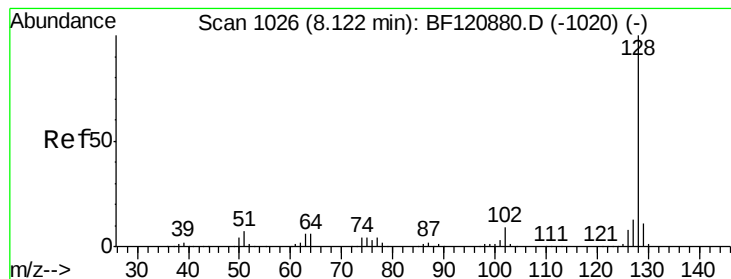
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 44.213 ng

RT: 8.10 min Scan# 1022

Delta R.T. -0.01 min

Lab File: BF121191.D

Acq: 5 Aug 2020 13:45

Instrument :

BNA_F

ClientSampleId :

COMP-CDMSD

Tot Ion:128 Resp: 1093993

Ion Ratio Lower Upper

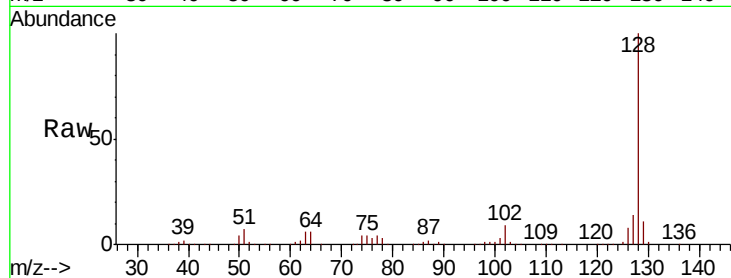
128 100

129 11.3 9.3 13.9

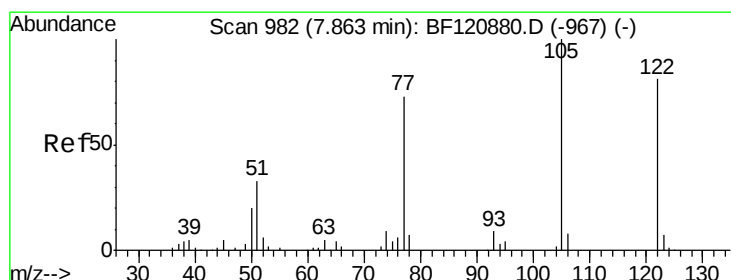
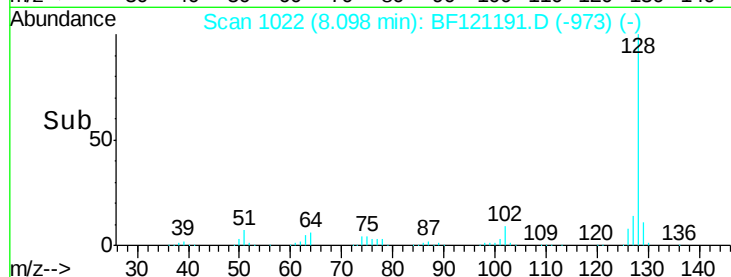
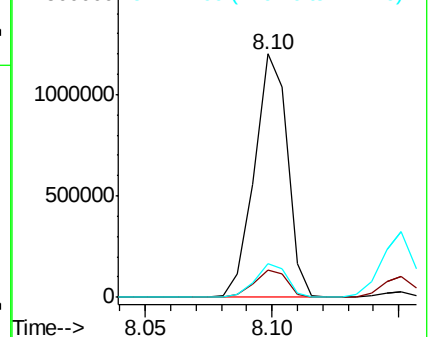
127 13.6 10.8 16.2

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Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 46.543 ng

RT: 7.88 min Scan# 985

Delta R.T. -0.00 min

Lab File: BF121191.D

Acq: 5 Aug 2020 13:45

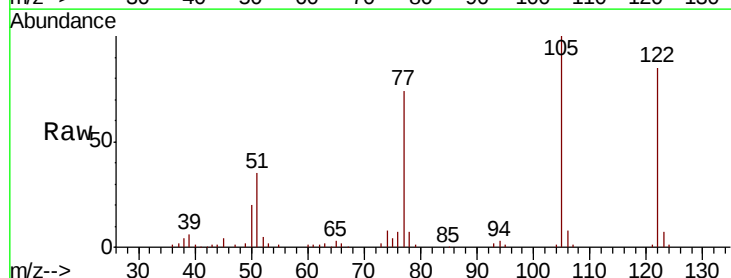
Tgt Ion:122 Resp: 242068

Ion Ratio Lower Upper

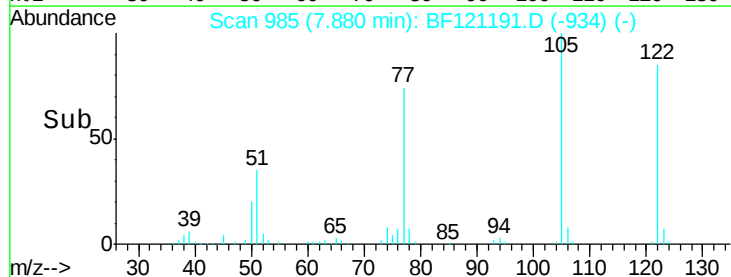
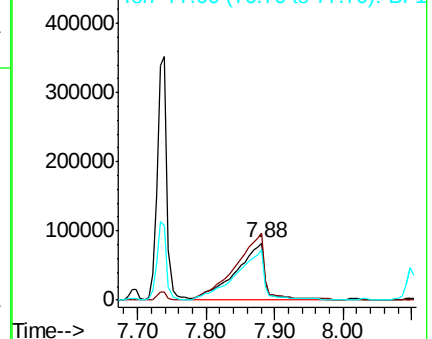
122 100

105 117.1 100.9 140.9

77 87.2 67.8 107.8



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





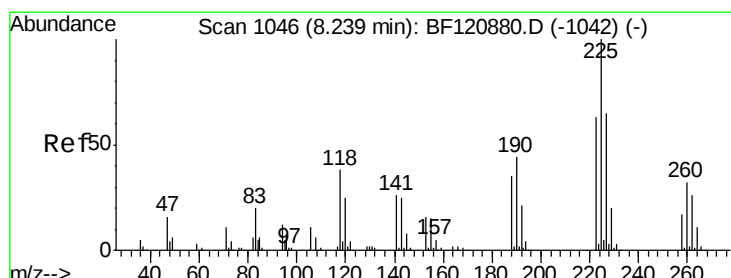
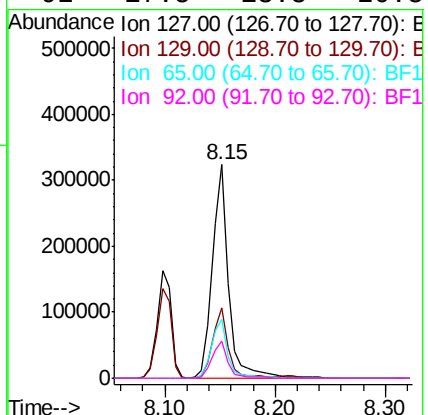
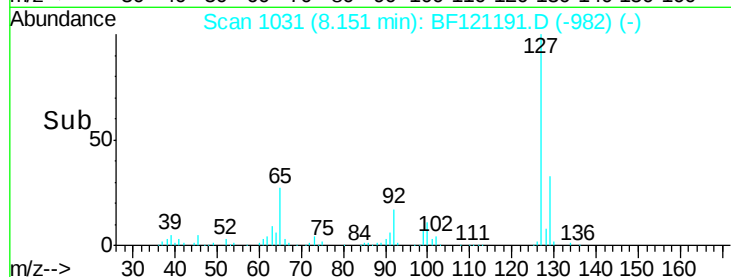
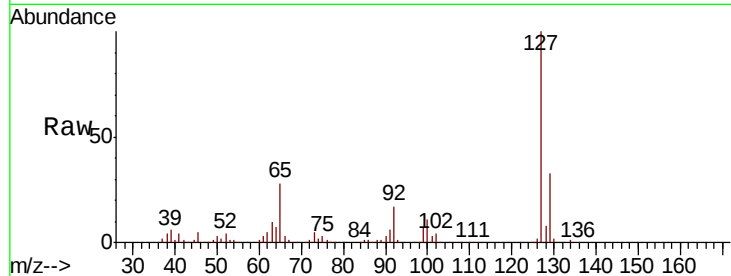
#33
4-Chloroaniline
Concen: 29.047 ng
RT: 8.15 min Scan# 1031
Delta R.T. -0.01 min
Lab File: BF121191.D
Acq: 5 Aug 2020 13:45

Instrument :
BNA_F
ClientSampleId :
COMP-CDMSD

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	32.8	26.2	39.2	
65	27.6	21.4	32.0	
92	17.5	13.8	20.8	

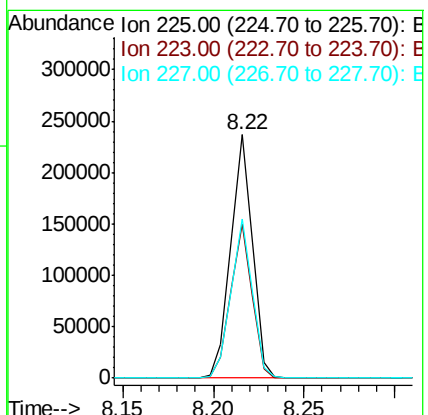
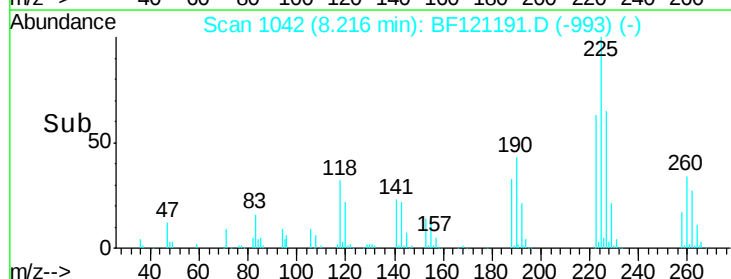
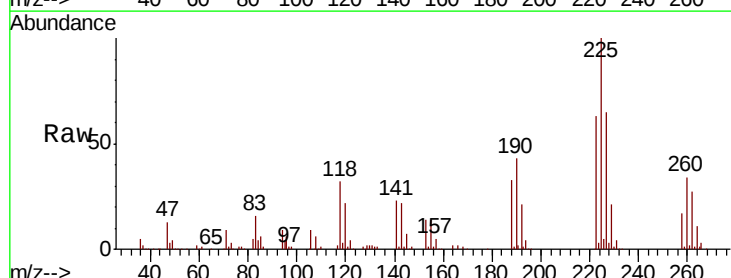
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#34
Hexachlorobutadiene
Concen: 43.062 ng
RT: 8.22 min Scan# 1042
Delta R.T. -0.01 min
Lab File: BF121191.D
Acq: 5 Aug 2020 13:45

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	63.3	49.7	74.5	
227	65.1	51.4	77.0	





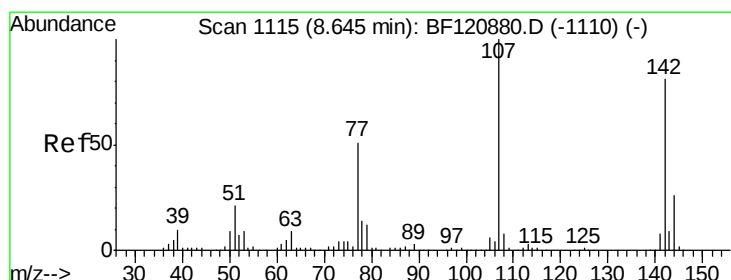
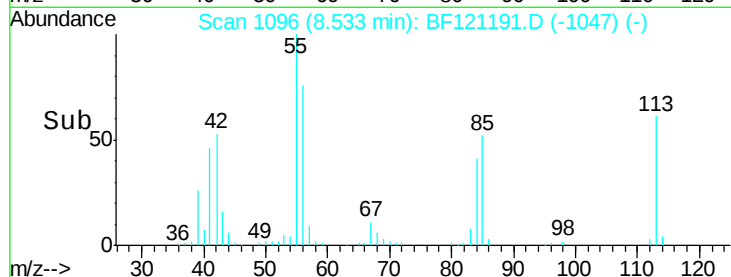
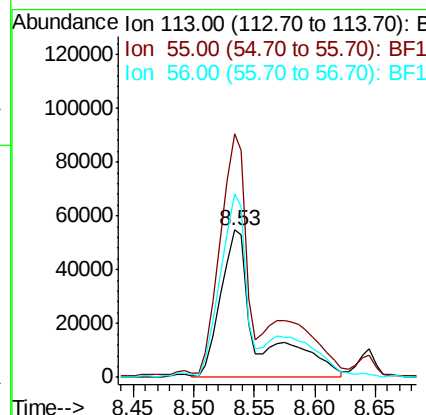
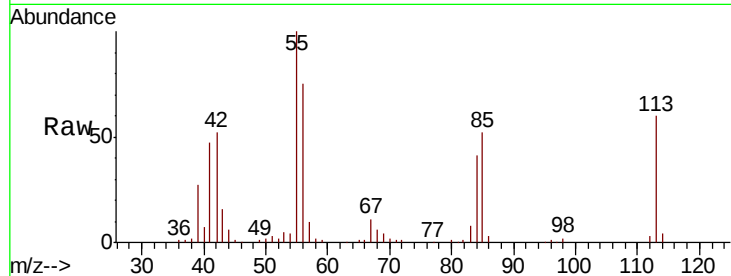
#35
Caprolactam
Concen: 52.369 ng/ml
RT: 8.53 min Scan# 1096
Delta R.T. -0.01 min
Lab File: BF121191.D
Acq: 5 Aug 2020 13:45

Instrument :
BNA_F
ClientSampleId :
COMP-CDMSD

Tot Ion	Ratio	Lower	Upper
113	100		
55	165.4	131.0	171.0
56	124.3	90.4	130.4

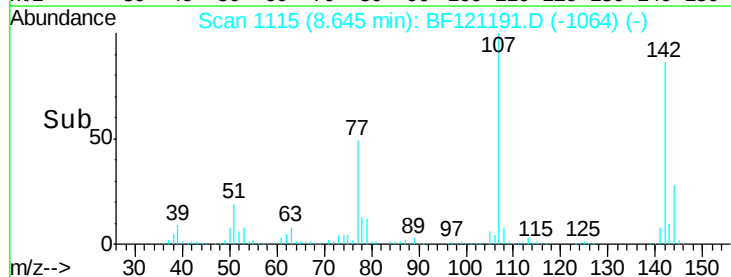
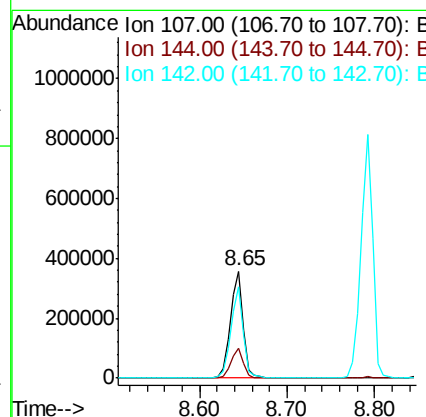
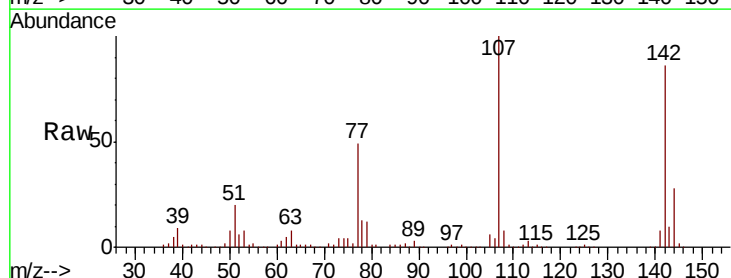
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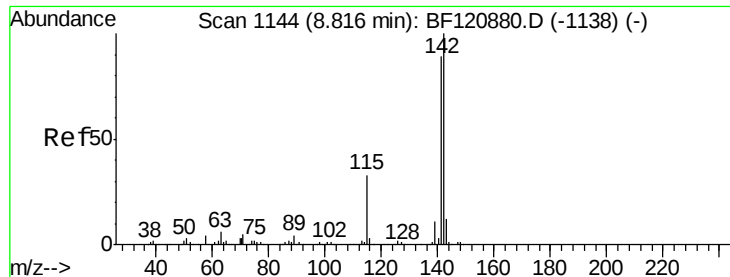
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#36
4-Chloro-3-methylphenol
Concen: 49.615 ng
RT: 8.65 min Scan# 1115
Delta R.T. -0.00 min
Lab File: BF121191.D
Acq: 5 Aug 2020 13:45

Tgt Ion	Ratio	Lower	Upper
107	100		
144	27.7	20.9	31.3
142	85.5	64.5	96.7





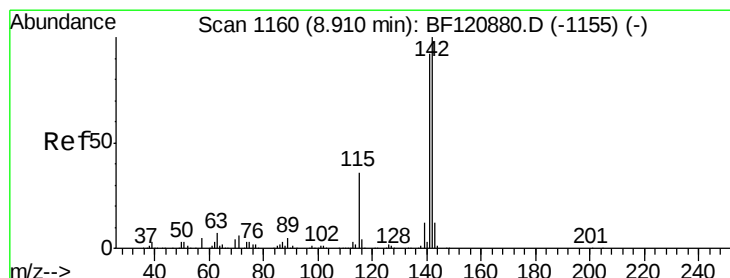
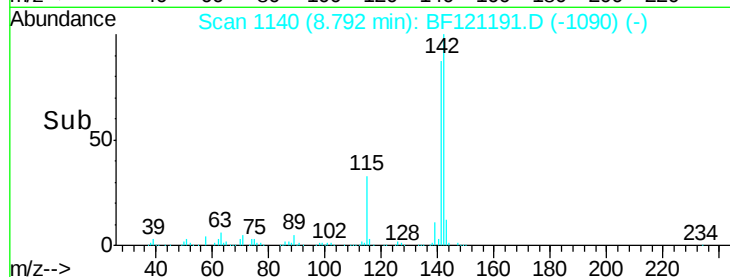
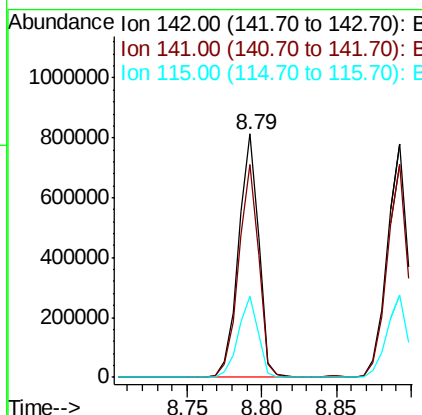
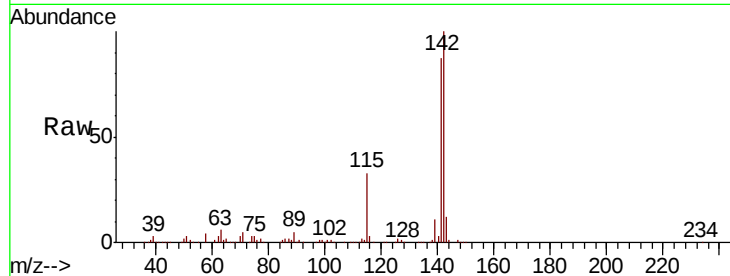
#37
2-Methylnaphthalene
Concen: 47.784 ng
RT: 8.79 min Scan# 1140
Delta R.T. -0.01 min
Lab File: BF121191.D
Acq: 5 Aug 2020 13:45

Instrument :
BNA_F
ClientSampleId :
COMP-CDMSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	87.2	70.6	105.8
115	33.2	27.1	40.7

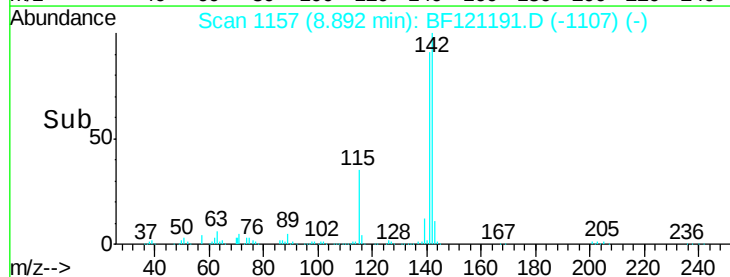
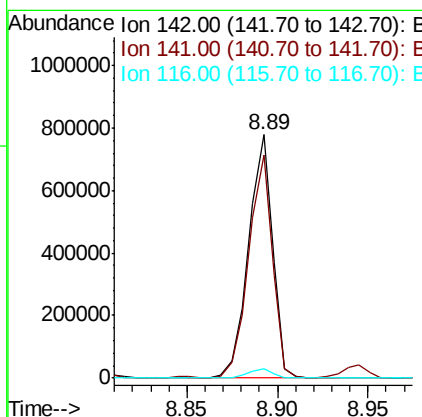
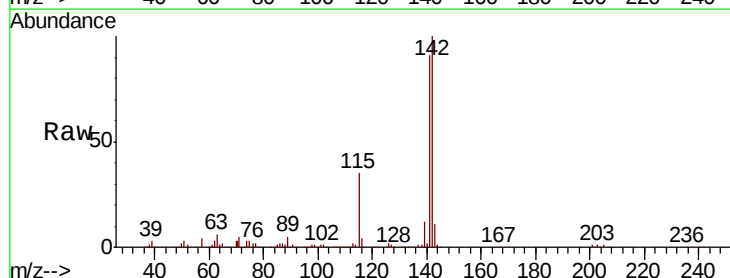
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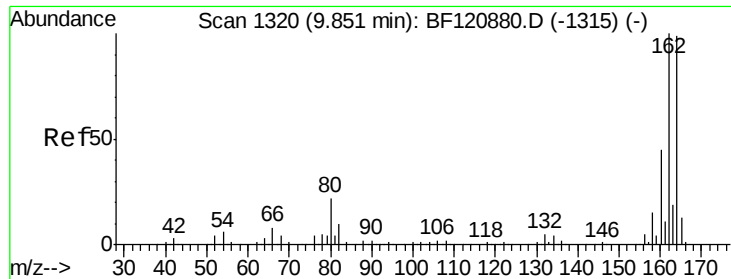
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#38
1-Methylnaphthalene
Concen: 47.143 ng
RT: 8.89 min Scan# 1157
Delta R.T. -0.01 min
Lab File: BF121191.D
Acq: 5 Aug 2020 13:45

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.4	73.0	109.6
116	3.7	3.0	4.6





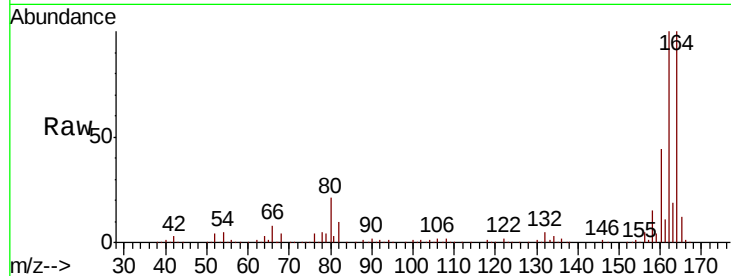
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.01 min
Lab File: BF121191.D
Acq: 5 Aug 2020 13:45

Instrument :
BNA_F
ClientSampleId :
COMP-CDMSD

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	99.6	82.2	123.2	
160	44.5	37.2	55.8	

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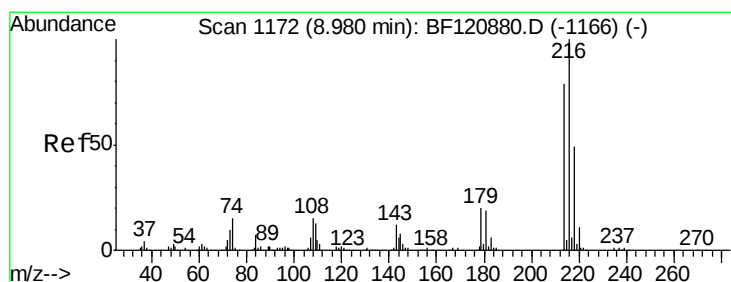
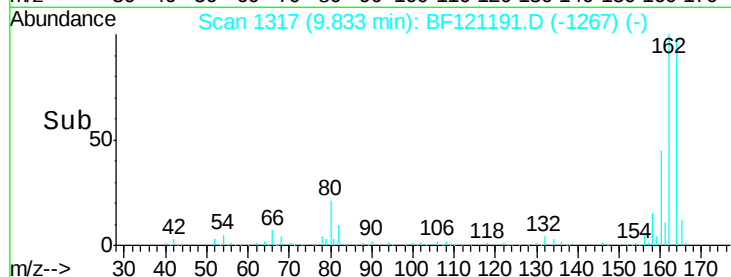
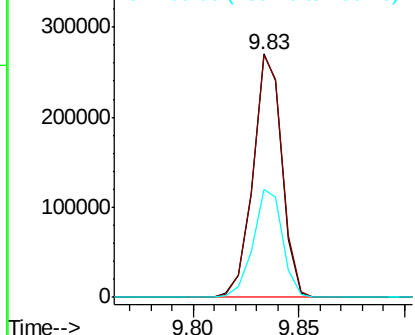


Abundance

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: 47.015 ng
RT: 8.96 min Scan# 1169
Delta R.T. -0.01 min
Lab File: BF121191.D
Acq: 5 Aug 2020 13:45

Tgt Ion	Ratio	Resp	Lower	Upper
216	100			
214	79.6	63.9	95.9	
179	20.4	16.6	24.8	
108	19.9	15.0	22.4	

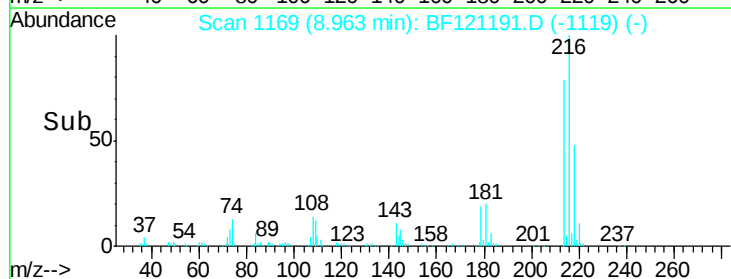
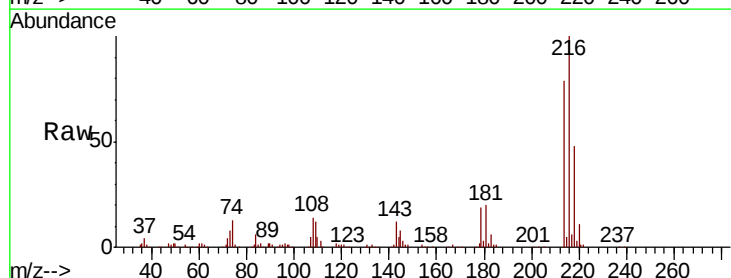
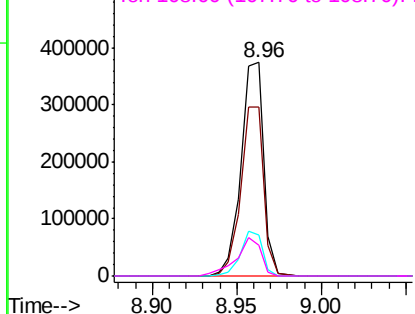
Abundance

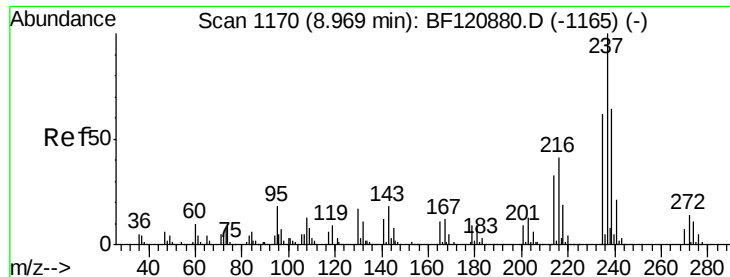
Ion 216.00 (215.70 to 216.70): E

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: 78.927 ng

RT: 8.95 min Scan# 1166

Delta R.T. -0.01 min

Lab File: BF121191.D

Acq: 5 Aug 2020 13:45

Instrument :

BNA_F

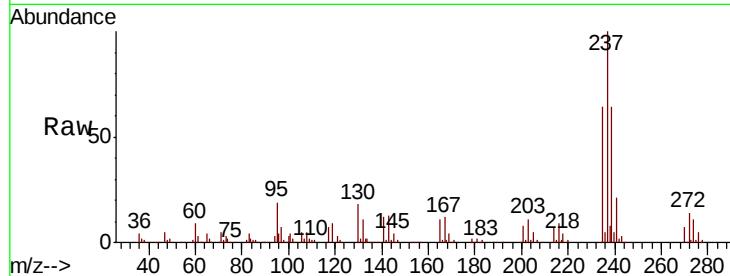
ClientSampleId :

COMP-CDMSD

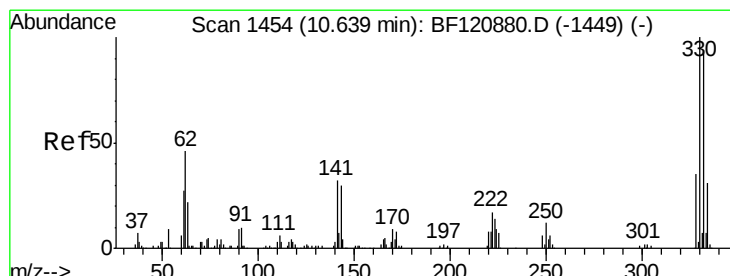
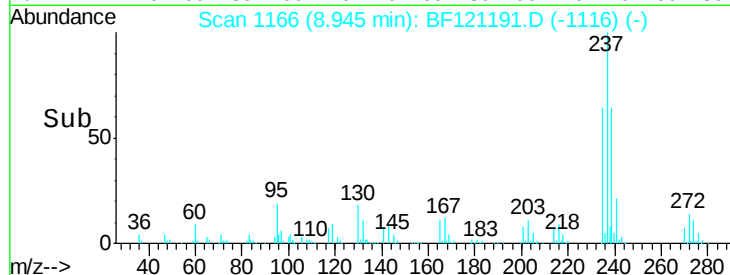
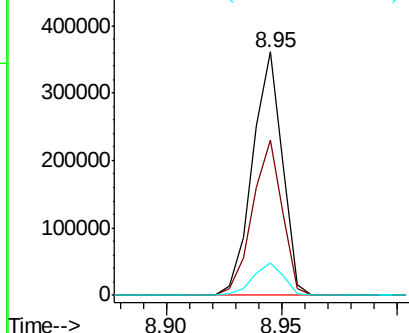
Tot Ion:	237	Resp:	325349
Ion Ratio	Lower	Upper	
237	100		
235	64.0	43.2	83.2
272	13.5	0.0	33.6

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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: 102.503 ng

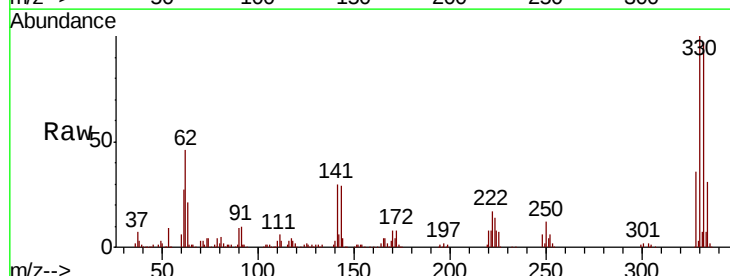
RT: 10.63 min Scan# 1452

Delta R.T. -0.01 min

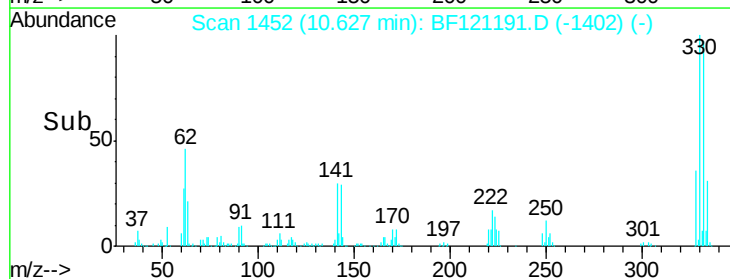
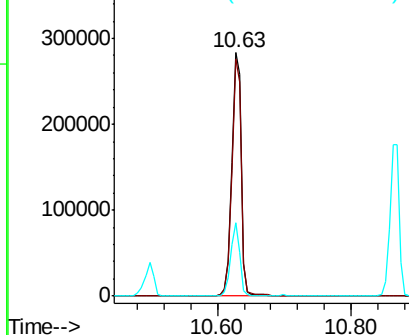
Lab File: BF121191.D

Acq: 5 Aug 2020 13:45

Tgt Ion:	330	Resp:	287223
Ion Ratio	Lower	Upper	
330	100		
332	95.8	76.1	114.1
141	29.0	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





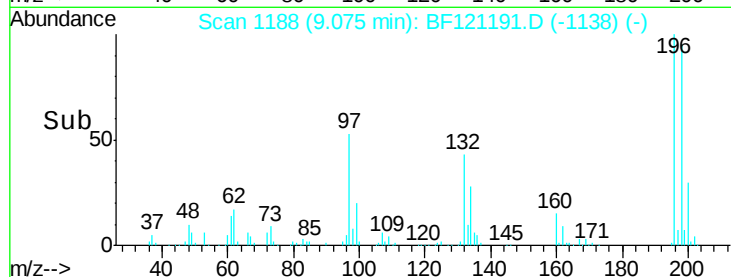
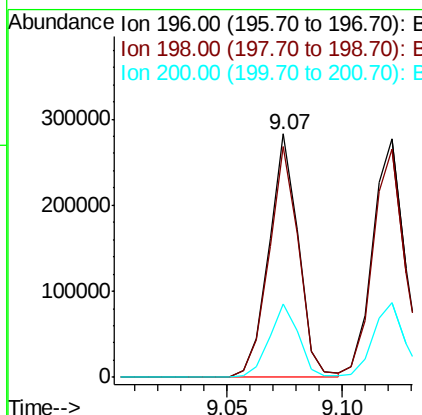
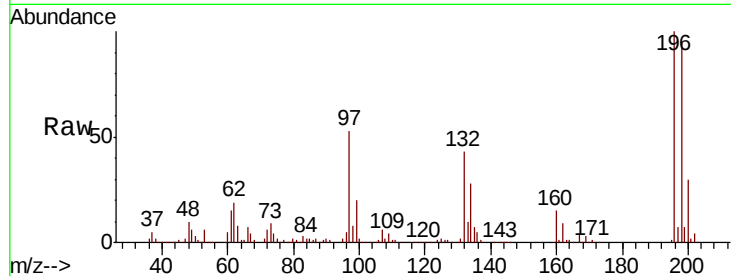
#43
 2,4,6-Trichlorophenol
 Concen: 47.849 ng
 RT: 9.07 min Scan# 1188
 Delta R.T. -0.01 min
 Lab File: BF121191.D
 Acq: 5 Aug 2020 13:45

Instrument :
 BNA_F
 ClientSampleId :
 COMP-CDMSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	251276		
198	95.0	77.5	116.3	
200	30.0	24.6	37.0	

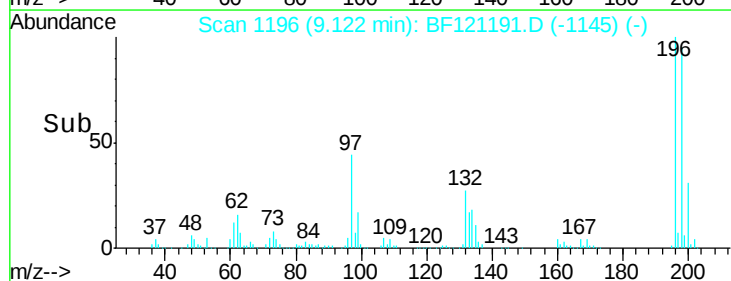
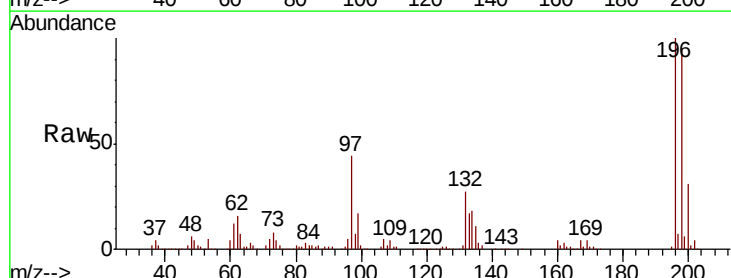
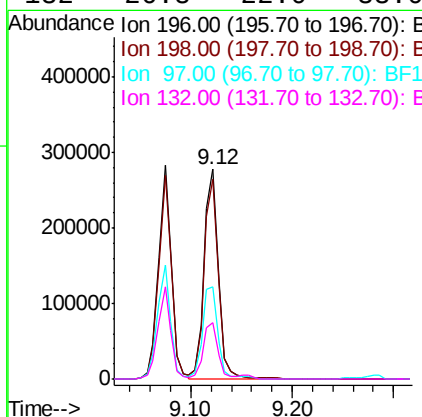
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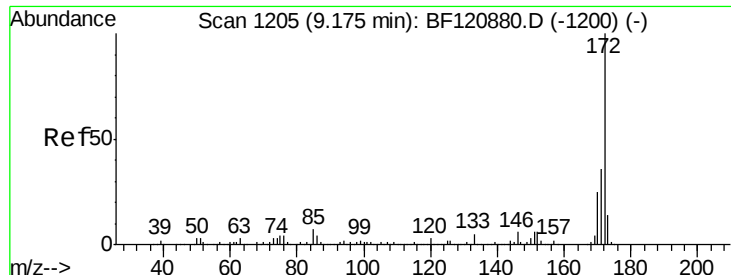
mohammad
 8/6/2020 1:21:02 PM



#44
 2,4,5-Trichlorophenol
 Concen: 45.400 ng
 RT: 9.12 min Scan# 1196
 Delta R.T. -0.00 min
 Lab File: BF121191.D
 Acq: 5 Aug 2020 13:45

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	270442		
198	95.5	76.2	114.4	
97	44.1	37.3	55.9	
132	26.8	22.0	33.0	





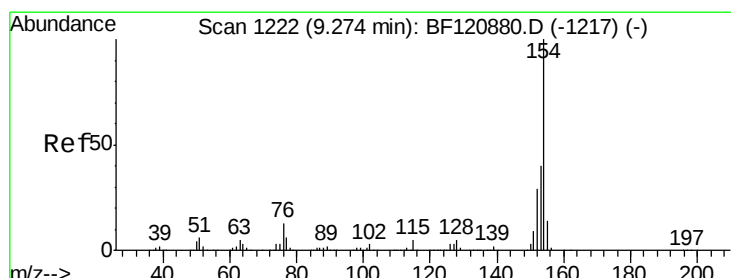
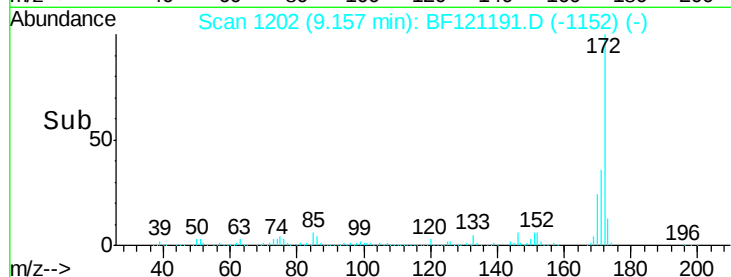
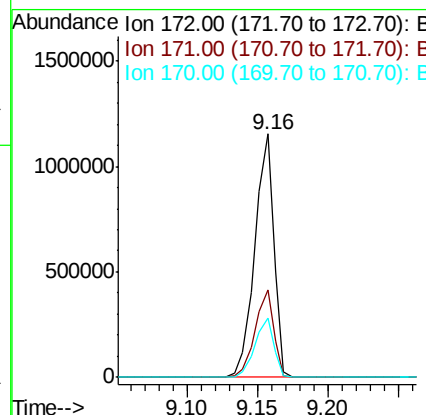
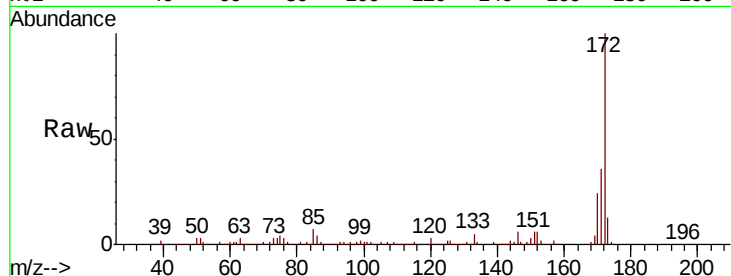
#45
 2-Fluorobiphenyl
 Concen: 64.135 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. -0.01 min
 Lab File: BF121191.D
 Acq: 5 Aug 2020 13:45

Instrument :
 BNA_F
 ClientSampleId :
 COMP-CDMSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.0	43.4
170	24.2	19.6	29.4

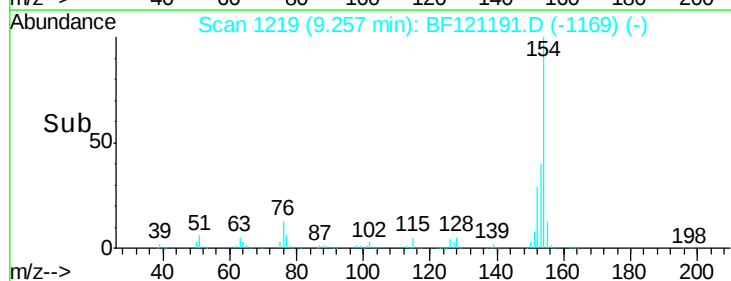
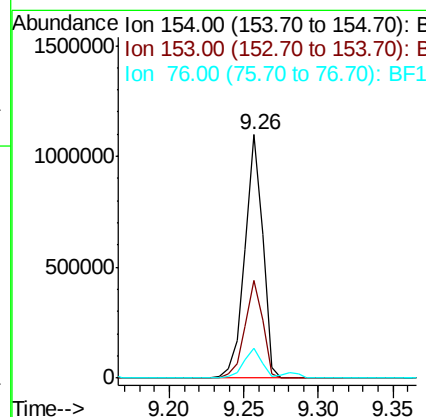
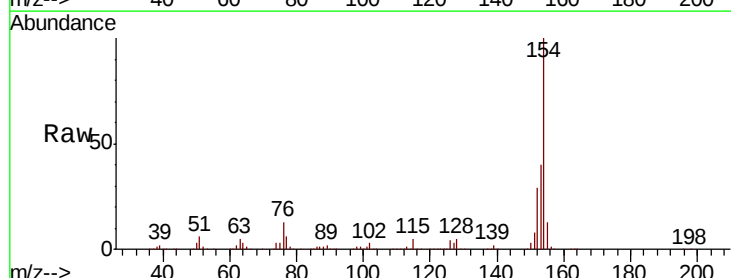
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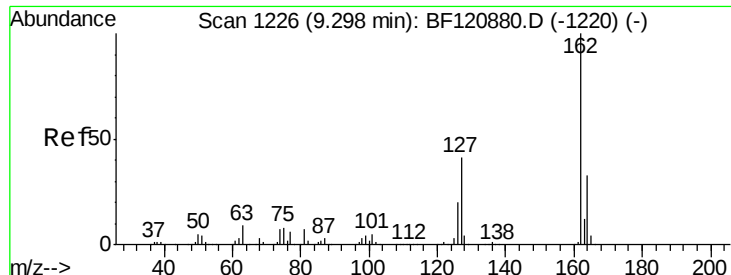
mohammad
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#46
 1,1'-Biphenyl
 Concen: 46.904 ng
 RT: 9.26 min Scan# 1219
 Delta R.T. -0.01 min
 Lab File: BF121191.D
 Acq: 5 Aug 2020 13:45

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.2	20.6	60.6
76	12.5	0.0	33.4





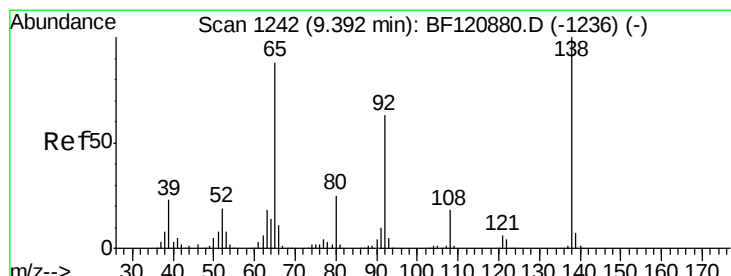
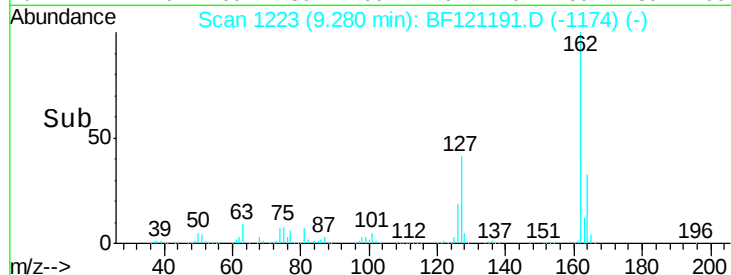
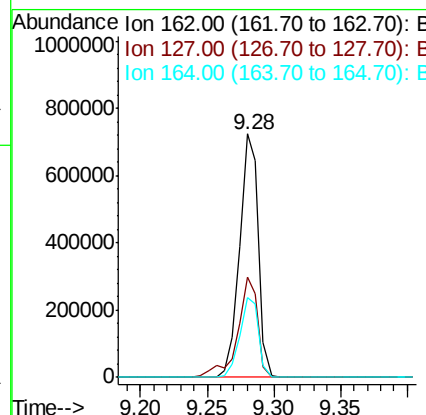
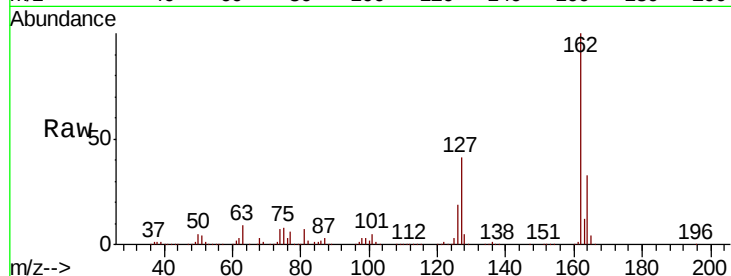
#47
2-Chloronaphthalene
Concen: 44.722 ng
RT: 9.28 min Scan# 1223
Delta R.T. -0.01 min
Lab File: BF121191.D
Acq: 5 Aug 2020 13:45

Instrument :
BNA_F
ClientSampleId :
COMP-CDMSD

Tot Ion	Ratio	Lower	Upper
162	100		
127	41.2	31.1	46.7
164	32.7	26.6	40.0

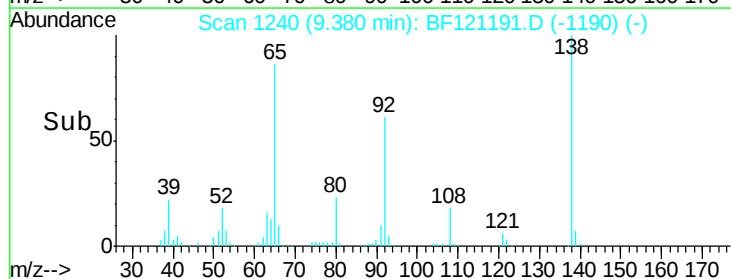
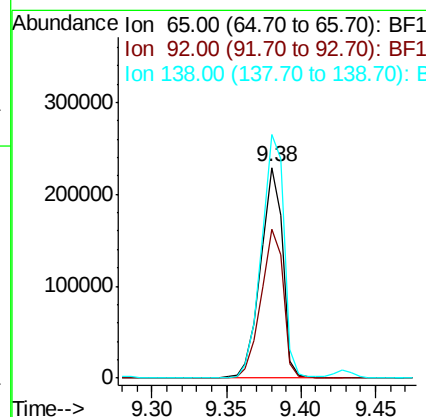
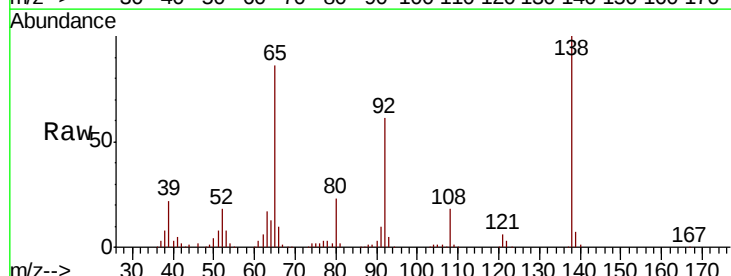
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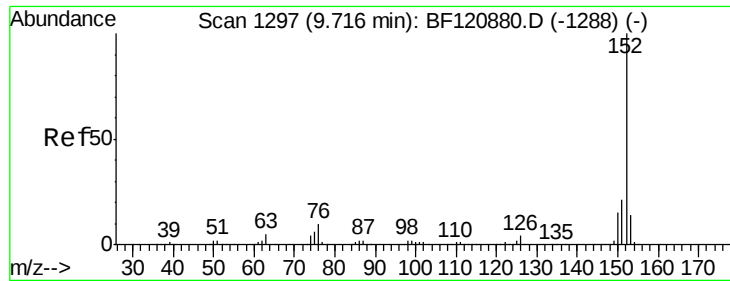
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#48
2-Nitroaniline
Concen: 48.300 ng
RT: 9.38 min Scan# 1240
Delta R.T. -0.01 min
Lab File: BF121191.D
Acq: 5 Aug 2020 13:45

Tgt Ion	Ratio	Lower	Upper
65	100		
92	70.7	58.0	87.0
138	115.7	93.3	139.9





#49

Acenaphthylene

Concen: 46.671 ng

RT: 9.70 min Scan# 1294

Delta R.T. -0.01 min

Lab File: BF121191.D

Acq: 5 Aug 2020 13:45

Instrument :

BNA_F

ClientSampleId :

COMP-CDMSD

Tot Ion:152 Resp: 1154297

Ion Ratio Lower Upper

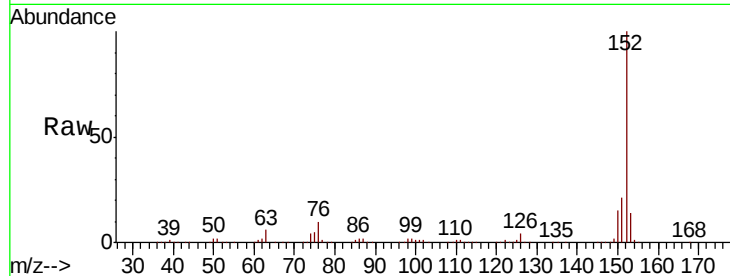
152 100

151 20.6 16.6 25.0

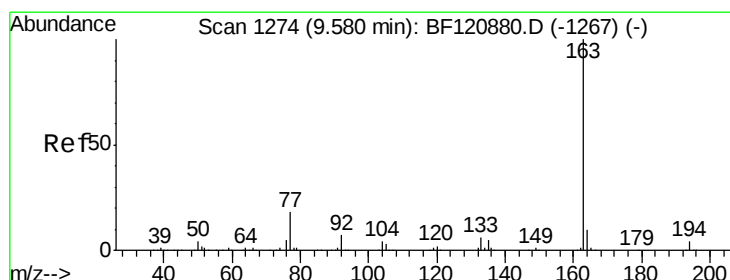
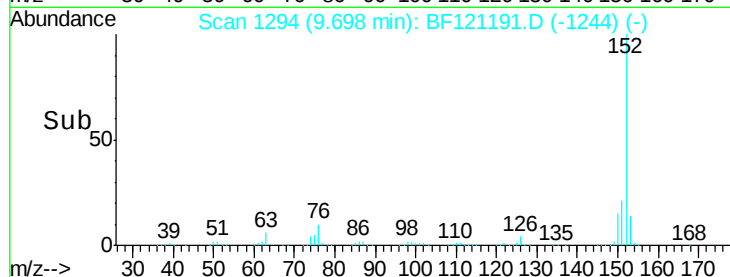
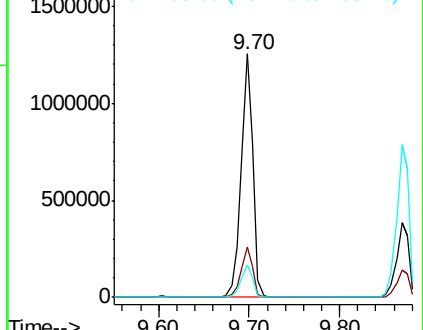
153 13.6 11.0 16.4

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



#50

Dimethylphthalate

Concen: 52.499 ng

RT: 9.56 min Scan# 1271

Delta R.T. -0.01 min

Lab File: BF121191.D

Acq: 5 Aug 2020 13:45

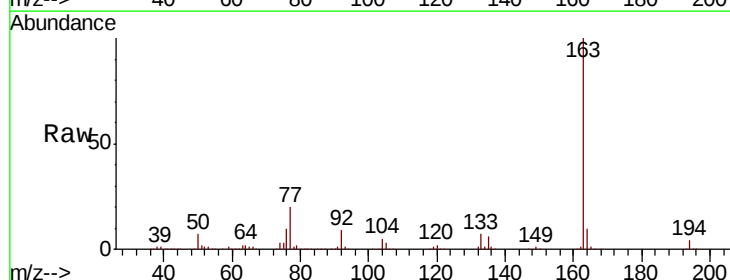
Tgt Ion:163 Resp: 969563

Ion Ratio Lower Upper

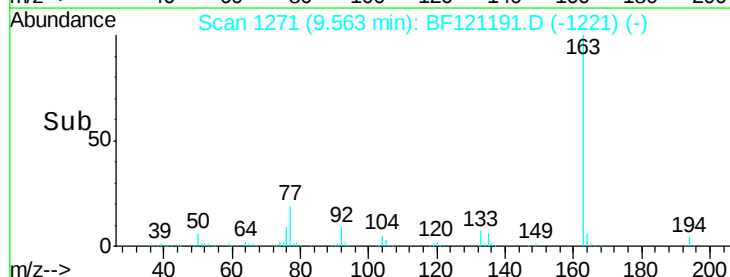
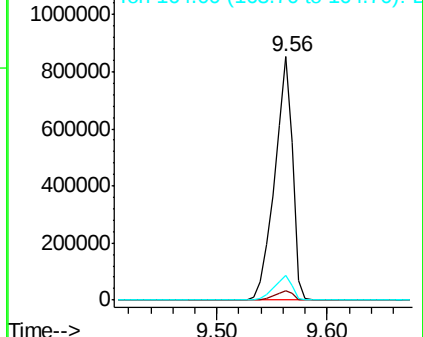
163 100

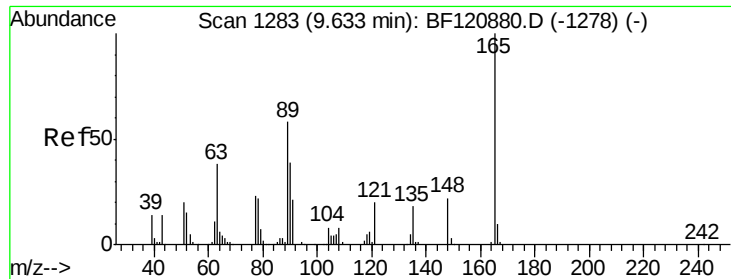
194 4.0 3.0 4.4

164 10.3 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





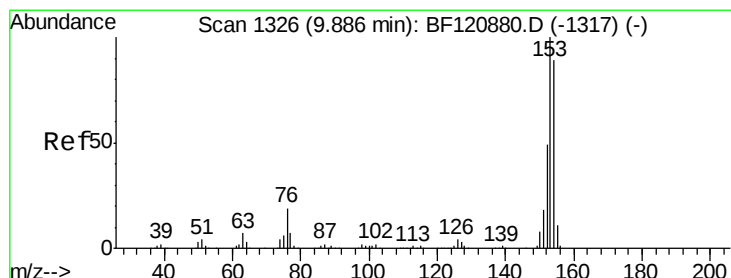
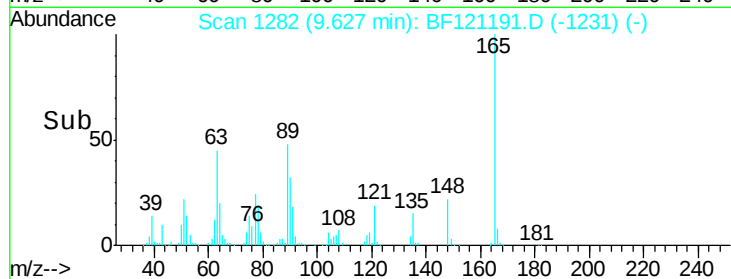
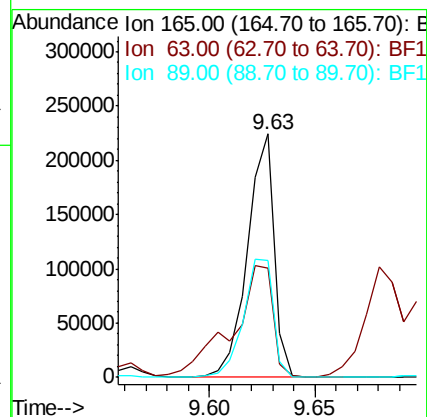
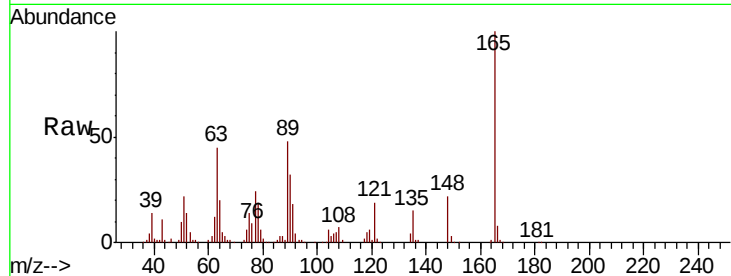
#51
2,6-Dinitrotoluene
Concen: 49.437 ng
RT: 9.63 min Scan# 1282
Delta R.T. -0.00 min
Lab File: BF121191.D
Acq: 5 Aug 2020 13:45

Instrument :
BNA_F
ClientSampleId :
COMP-CDMSD

Tot Ion:	165	Resp:	196151
Ion Ratio	Lower	Upper	
165	100		
63	44.7	41.1	61.7
89	48.2	43.5	65.3

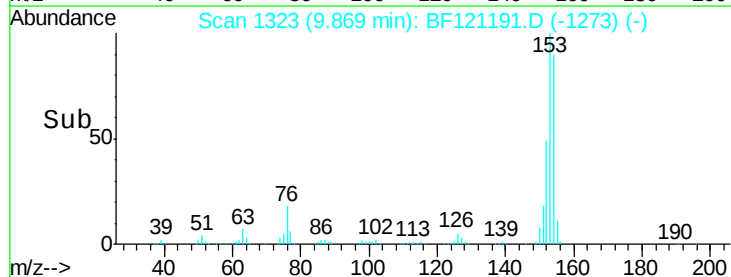
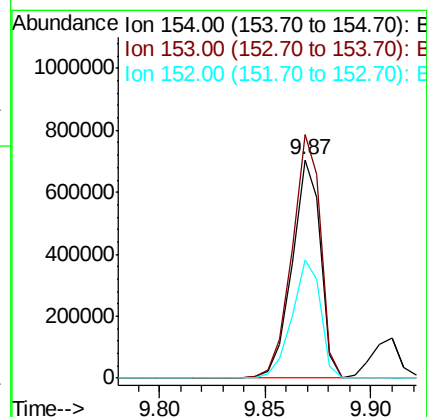
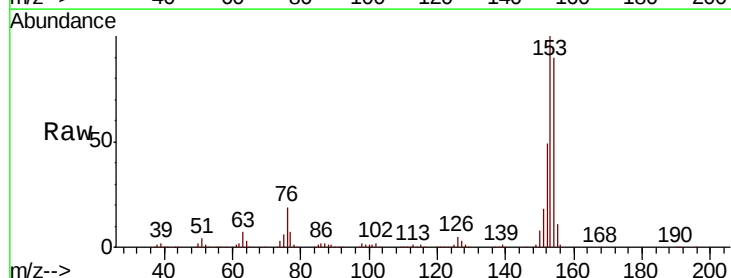
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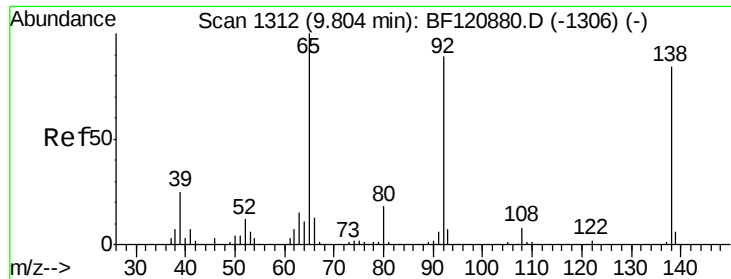
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#52
Acenaphthene
Concen: 42.104 ng
RT: 9.87 min Scan# 1323
Delta R.T. -0.01 min
Lab File: BF121191.D
Acq: 5 Aug 2020 13:45

Tgt Ion:	154	Resp:	662059
Ion Ratio	Lower	Upper	
154	100		
153	111.6	89.6	134.4
152	54.3	43.8	65.6





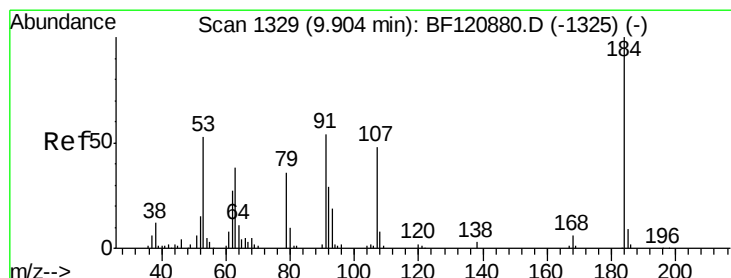
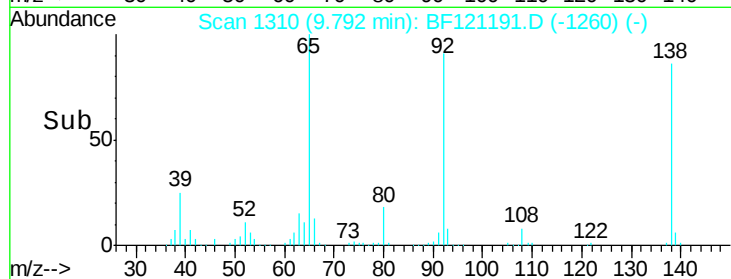
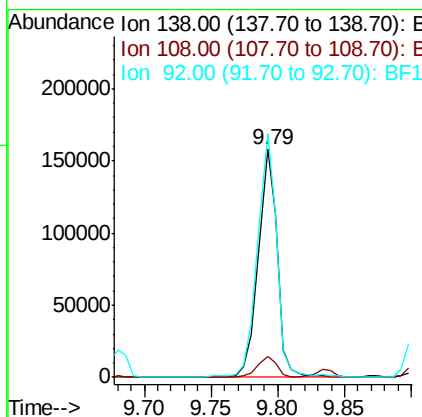
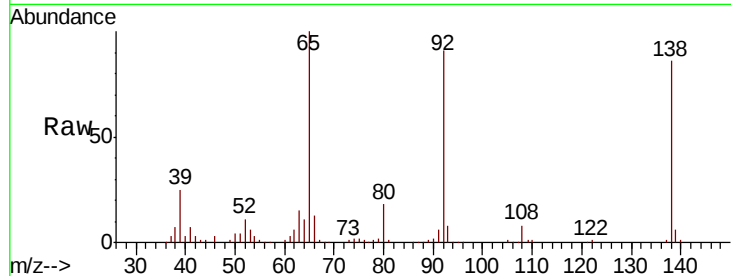
#53
 3-Nitroaniline
 Concen: 30.548 ng
 RT: 9.79 min Scan# 1310
 Delta R.T. -0.01 min
 Lab File: BF121191.D
 Acq: 5 Aug 2020 13:45

Instrument :
 BNA_F
 ClientSampleId :
 COMP-CDMSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	9.4	7.8	11.8
92	106.9	85.0	127.4

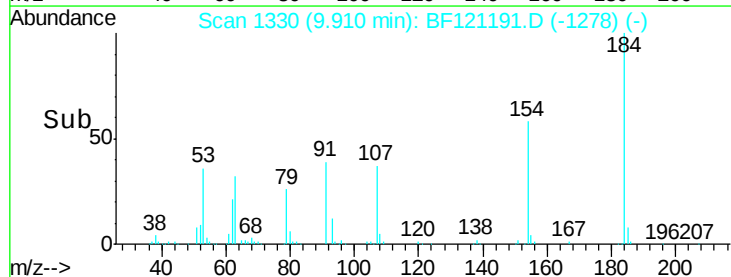
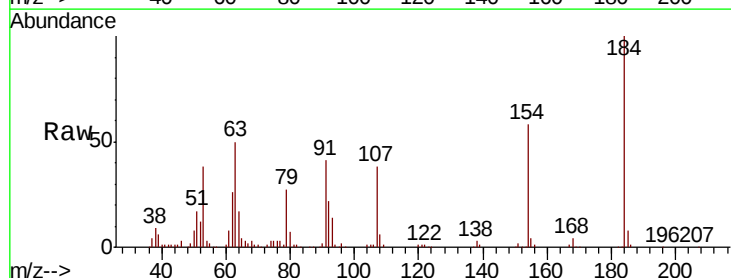
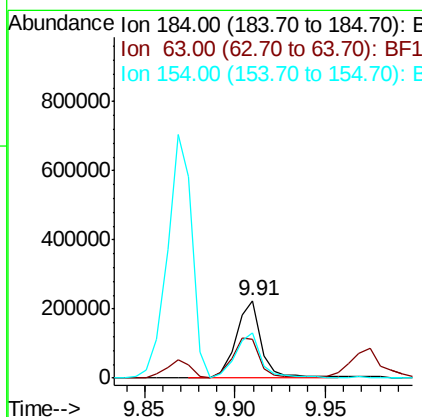
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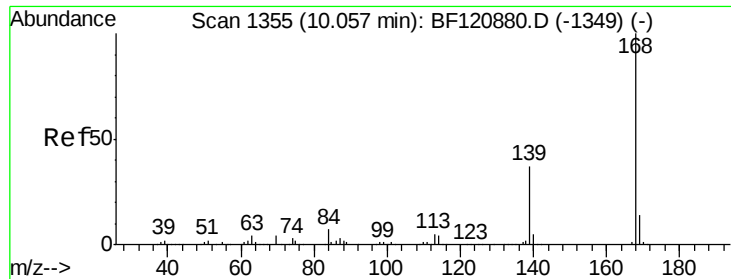
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#54
 2,4-Dinitrophenol
 Concen: 94.245 ng
 RT: 9.91 min Scan# 1330
 Delta R.T. 0.01 min
 Lab File: BF121191.D
 Acq: 5 Aug 2020 13:45

Tgt Ion	Ratio	Lower	Upper
184	100		
63	50.5	42.5	63.7
154	57.9	46.8	70.2





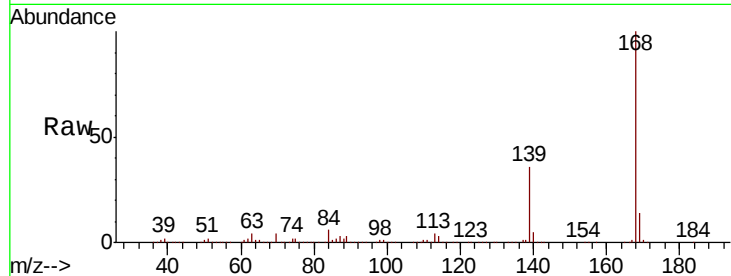
#55
Dibenzofuran
Concen: 43.991 ng
RT: 10.05 min Scan# 1353
Delta R.T. -0.00 min
Lab File: BF121191.D
Acq: 5 Aug 2020 13:45

Instrument :
BNA_F
ClientSampleId :
COMP-CDMSD

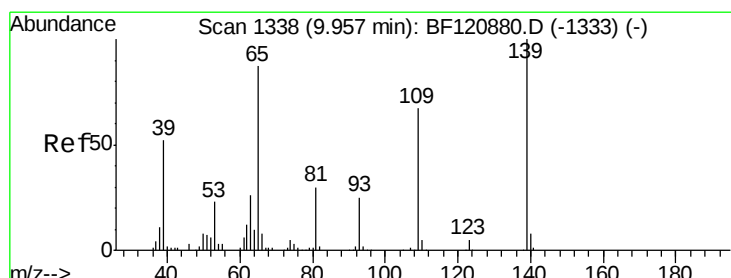
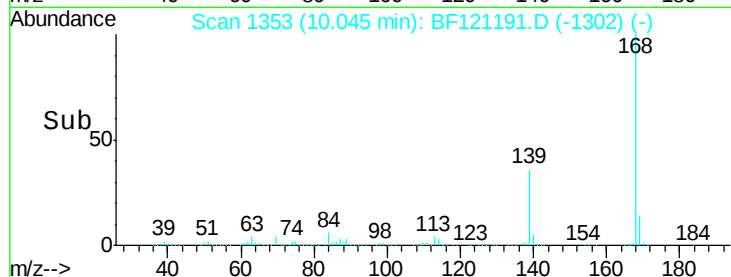
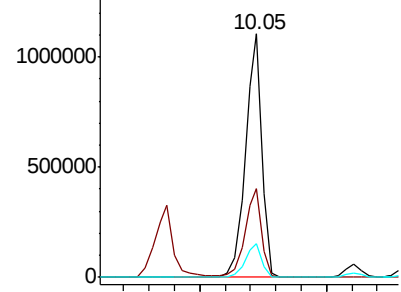
Tot Ion	Ratio	Lower	Upper
168	100		
139	36.4	30.1	45.1
169	13.7	11.3	16.9

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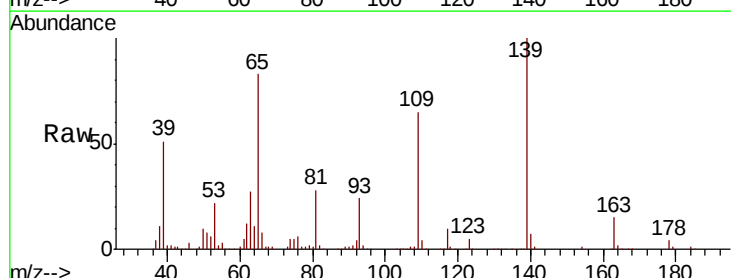


Abundance Ion 168.00 (167.70 to 168.70): E
1500000 Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

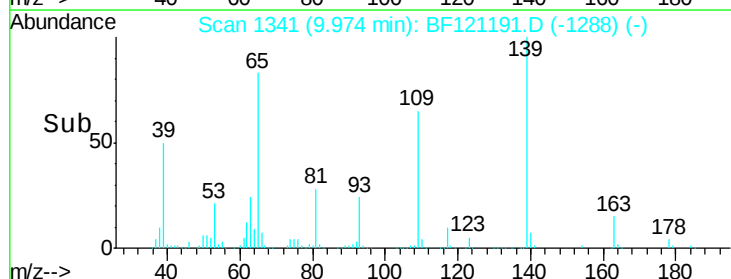
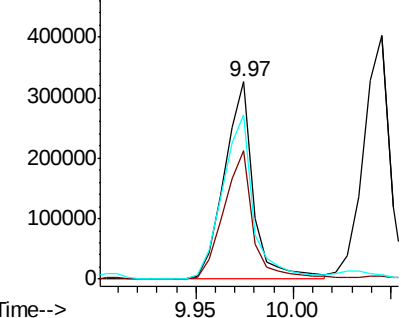


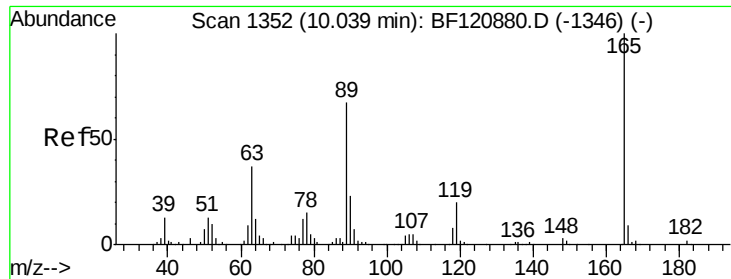
#56
4-Nitrophenol
Concen: 88.096 ng
RT: 9.97 min Scan# 1341
Delta R.T. 0.01 min
Lab File: BF121191.D
Acq: 5 Aug 2020 13:45

Tgt Ion	Ratio	Lower	Upper
139	100		
109	65.4	44.8	84.8
65	83.4	65.6	105.6



Abundance Ion 139.00 (138.70 to 139.70): E
500000 Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1





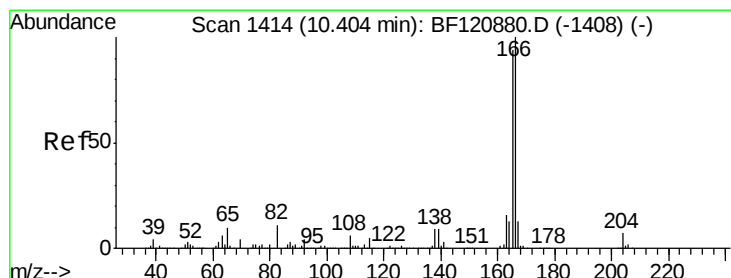
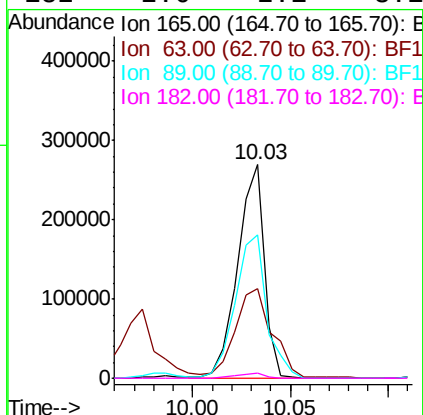
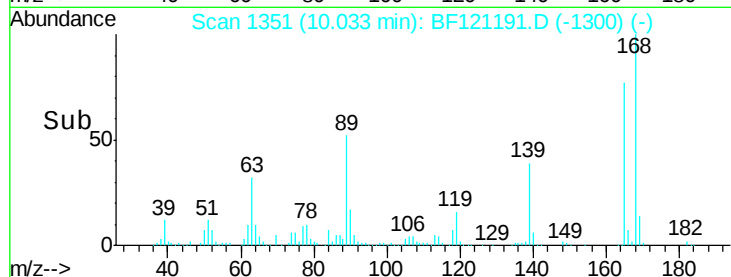
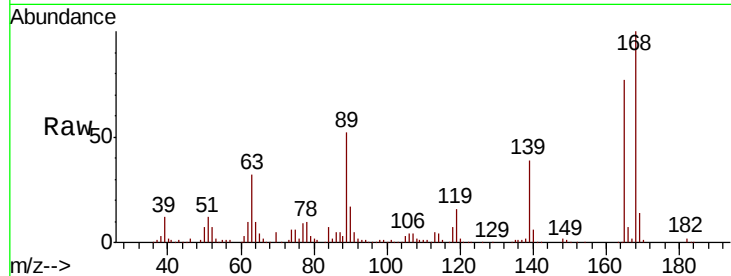
#57
2,4-Dinitrotoluene
Concen: 49.106 ng
RT: 10.03 min Scan# 1351
Delta R.T. -0.00 min
Lab File: BF121191.D
Acq: 5 Aug 2020 13:45

Instrument :
BNA_F
ClientSampleId :
COMP-CDMSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100			
63	42.0	29.8	44.8	
89	67.3	50.3	75.5	
182	2.6	2.1	3.1	

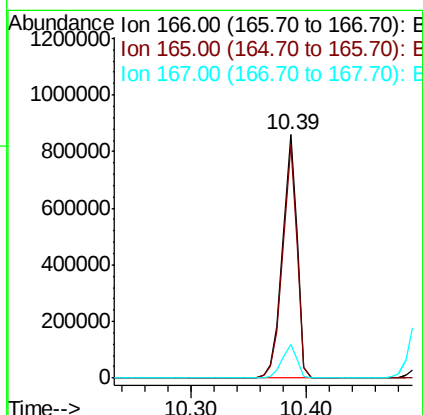
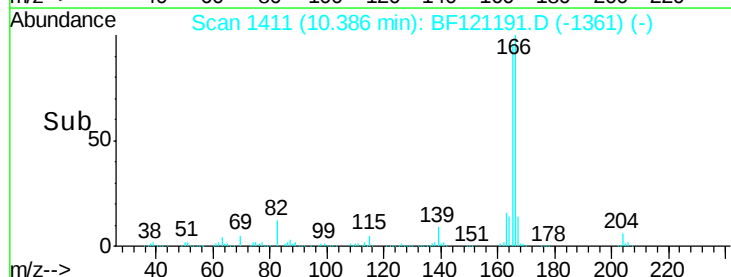
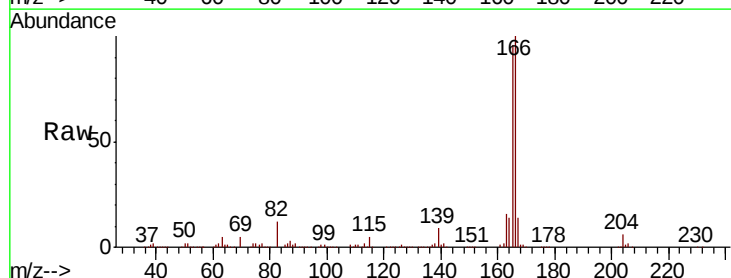
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#58
Fluorene
Concen: 44.838 ng
RT: 10.39 min Scan# 1411
Delta R.T. -0.01 min
Lab File: BF121191.D
Acq: 5 Aug 2020 13:45

Tgt Ion	Ratio	Resp	Lower	Upper
166	100			
165	95.9	76.4	114.6	
167	13.9	10.7	16.1	





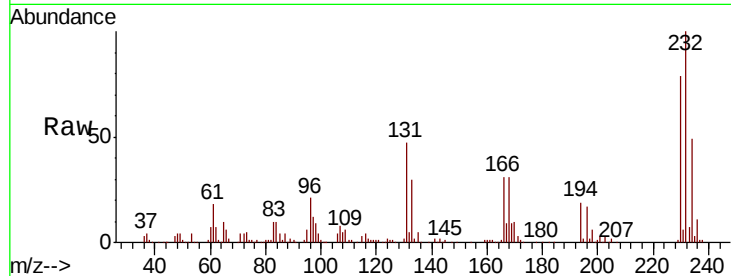
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 49.970 ng
 RT: 10.16 min Scan# 1373
 Delta R.T. -0.01 min
 Lab File: BF121191.D
 Acq: 5 Aug 2020 13:45

Instrument :
 BNA_F
 ClientSampleId :
 COMP-CDMSD

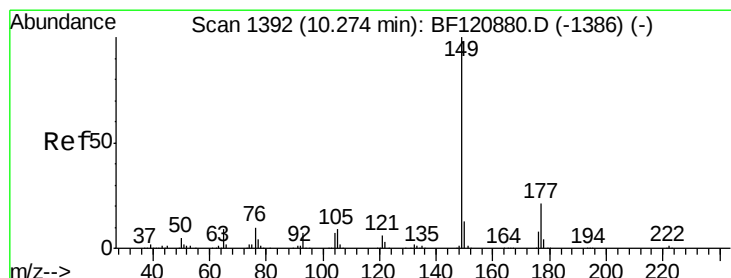
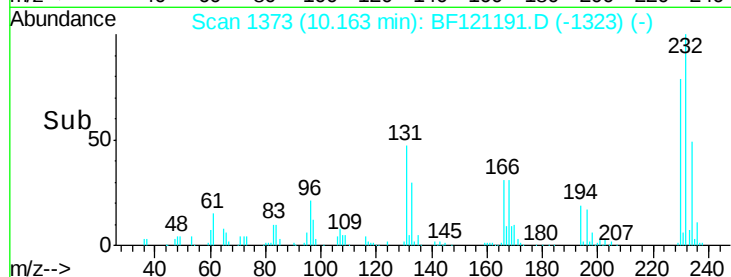
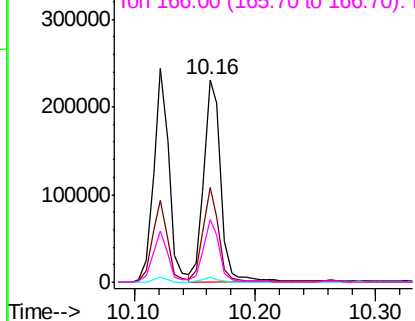
Tot Ion	Ion	Ratio	Resp	Lower	Upper
232	100		226636		
131	43.4	34.2	51.2		
130	2.2	1.7	2.5		
166	29.0	23.1	34.7		

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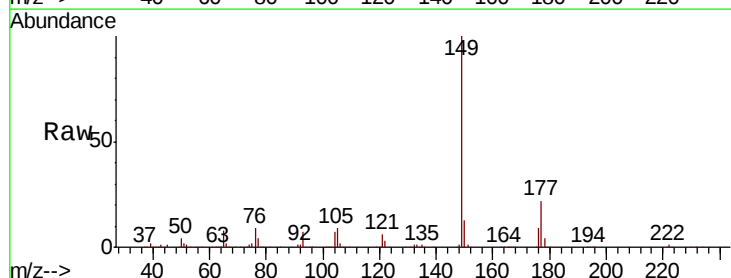


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

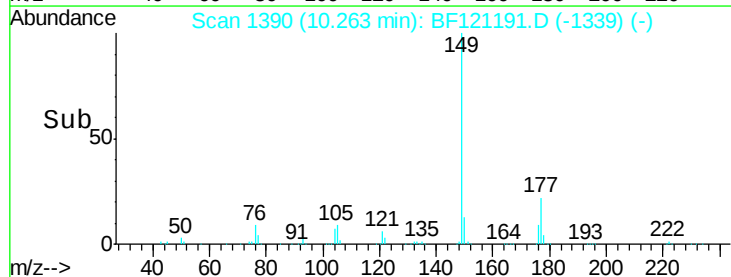
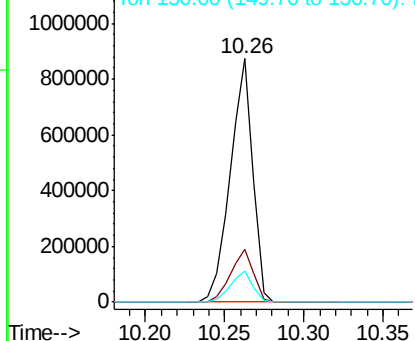


#60
 Diethylphthalate
 Concen: 45.858 ng
 RT: 10.26 min Scan# 1390
 Delta R.T. -0.00 min
 Lab File: BF121191.D
 Acq: 5 Aug 2020 13:45

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
149	100		856639		
177	21.9	17.6	26.4		
150	12.6	10.2	15.4		



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





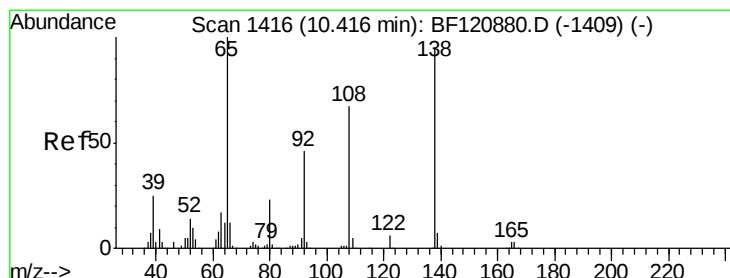
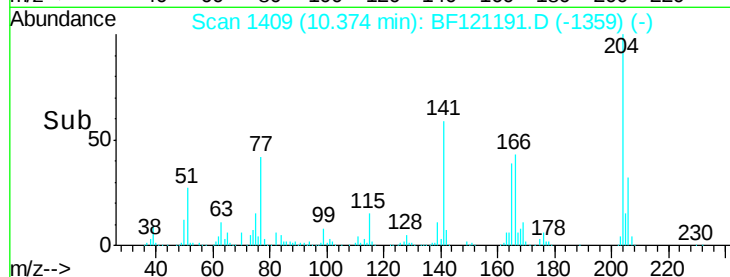
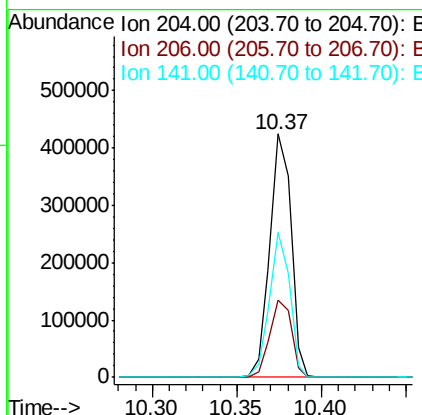
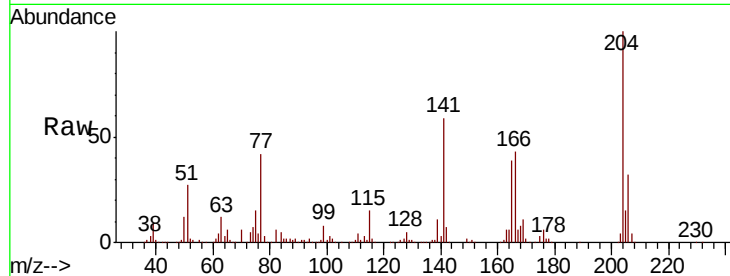
#61
4-Chlorophenyl-phenylether
Concen: 41.283 ng
RT: 10.37 min Scan# 1409
Delta R.T. -0.01 min
Lab File: BF121191.D
Acq: 5 Aug 2020 13:45

Instrument :
BNA_F
ClientSampleId :
COMP-CDMSD

Tot Ion	Ratio	Lower	Upper
204	100		
206	31.9	26.0	39.0
141	59.3	46.9	70.3

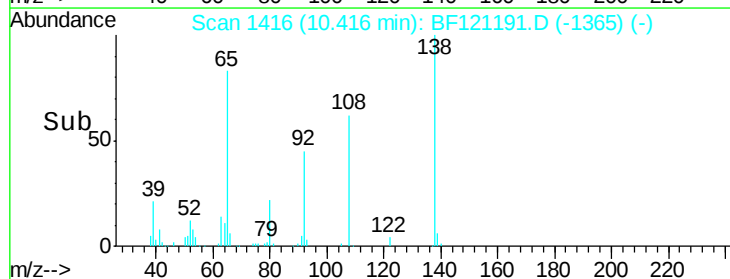
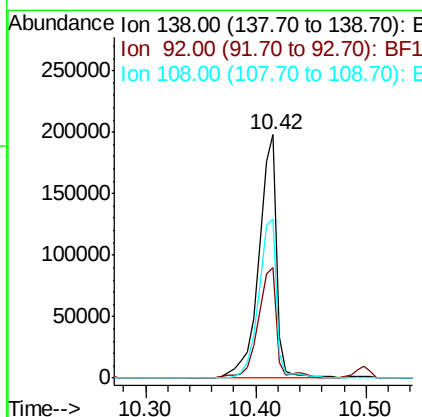
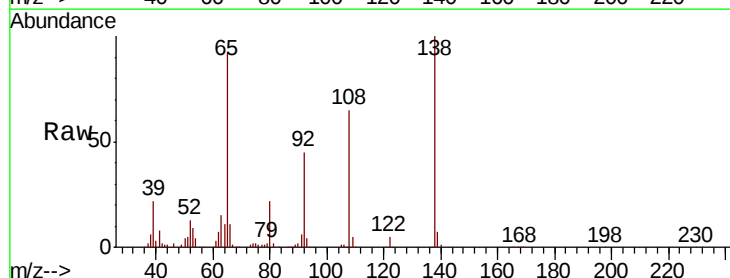
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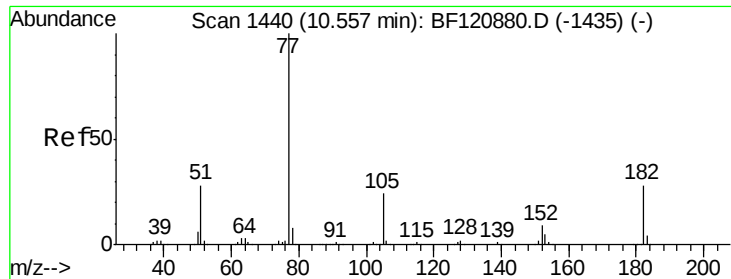
mohammad
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#62
4-Nitroaniline
Concen: 45.837 ng
RT: 10.42 min Scan# 1416
Delta R.T. -0.00 min
Lab File: BF121191.D
Acq: 5 Aug 2020 13:45

Tgt Ion	Ratio	Lower	Upper
138	100		
92	45.3	25.2	65.2
108	65.3	46.7	86.7





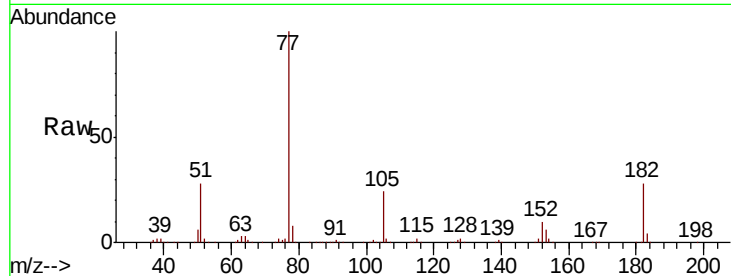
#63
Azobenzene
Concen: 44.833 ng
RT: 10.54 min Scan# 1437
Delta R.T. -0.00 min
Lab File: BF121191.D
Acq: 5 Aug 2020 13:45

Instrument :
BNA_F
ClientSampleId :
COMP-CDMSD

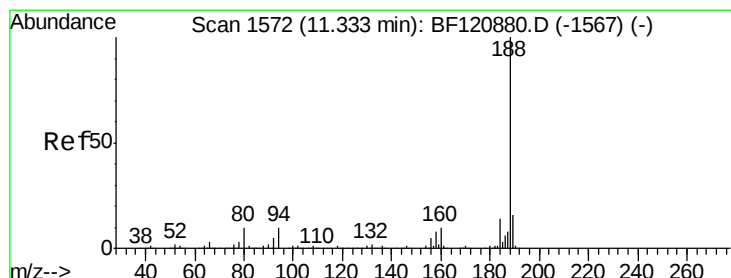
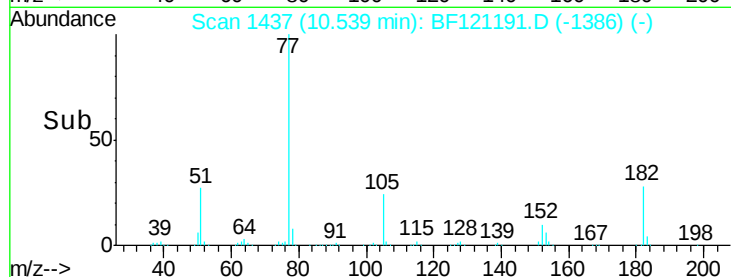
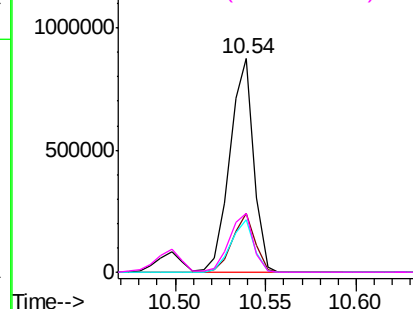
Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	27.6	4.5	44.5	
105	24.3	3.4	43.4	
51	27.5	8.7	48.7	

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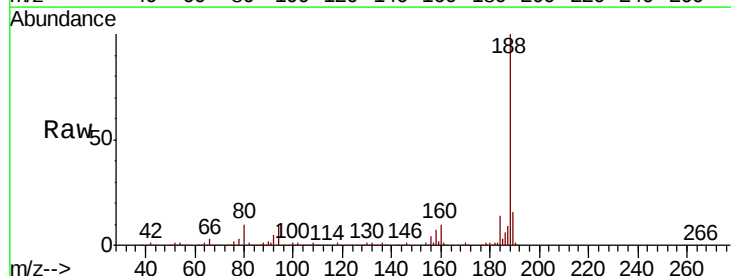


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): BF1
Ion 105.00 (104.70 to 105.70): BF1
Ion 51.00 (50.70 to 51.70): BF1

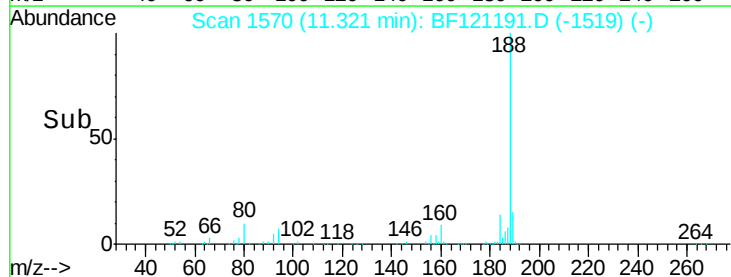
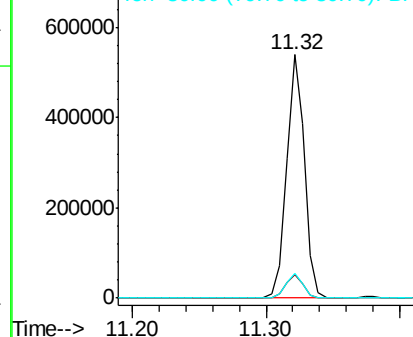


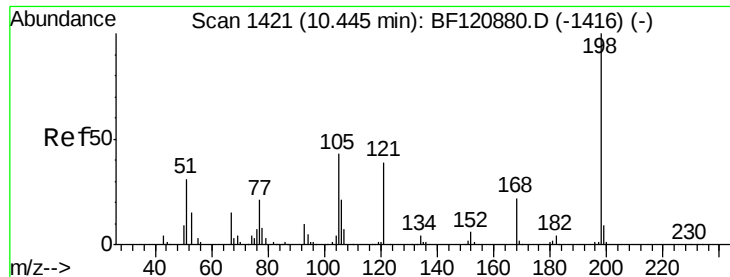
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1570
Delta R.T. -0.00 min
Lab File: BF121191.D
Acq: 5 Aug 2020 13:45

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	9.7	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





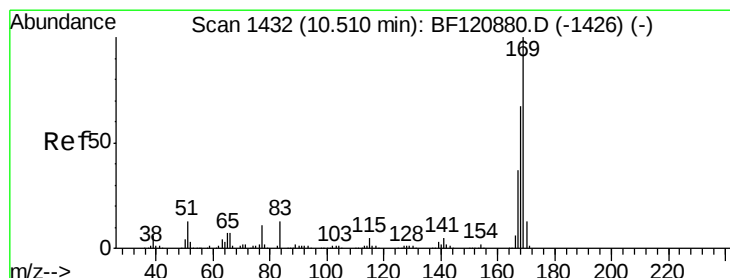
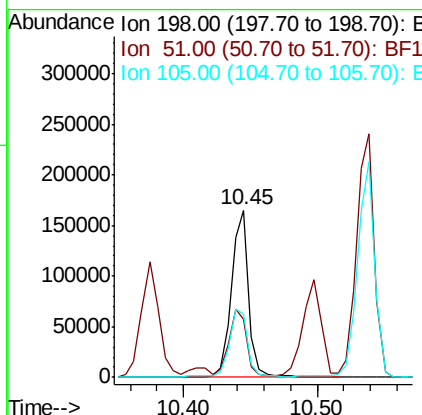
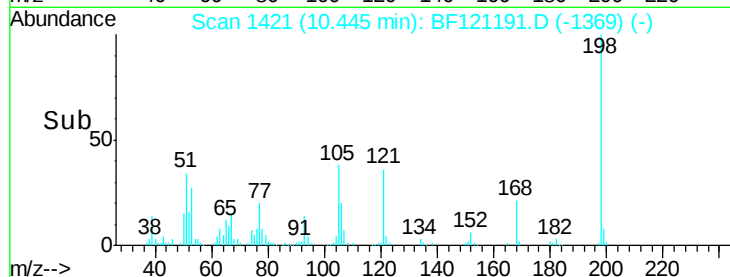
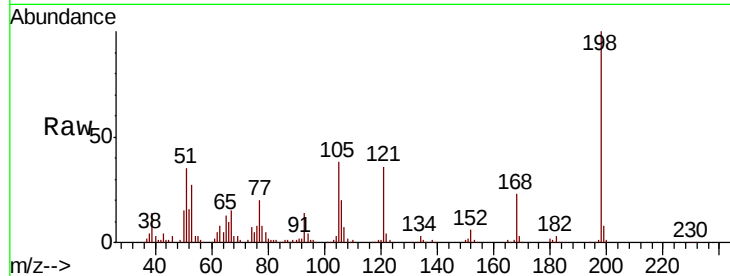
#65
4,6-Dinitro-2-methylphenol
Concen: 51.165 ng
RT: 10.45 min Scan# 1421
Delta R.T. 0.01 min
Lab File: BF121191.D
Acq: 5 Aug 2020 13:45

Instrument :
BNA_F
ClientSampleId :
COMP-CDMSD

Tot Ion	Ratio	Lower	Upper
198	100		
51	34.6	23.4	63.4
105	37.9	23.7	63.7

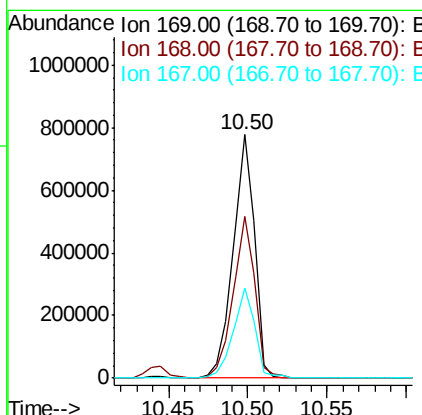
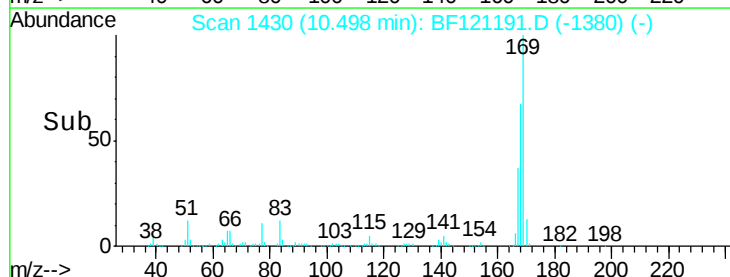
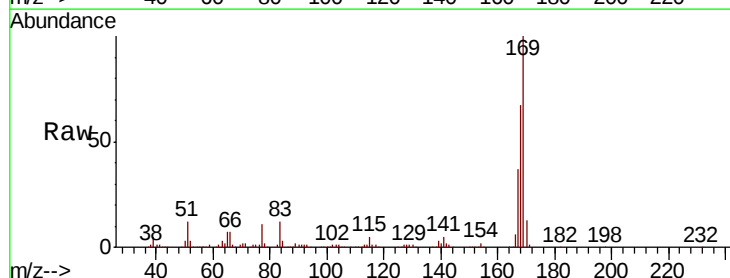
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#66
n-Nitrosodiphenylamine
Concen: 45.855 ng
RT: 10.50 min Scan# 1430
Delta R.T. -0.01 min
Lab File: BF121191.D
Acq: 5 Aug 2020 13:45

Tgt Ion	Ratio	Lower	Upper
169	100		
168	66.6	53.7	80.5
167	36.9	30.0	45.0





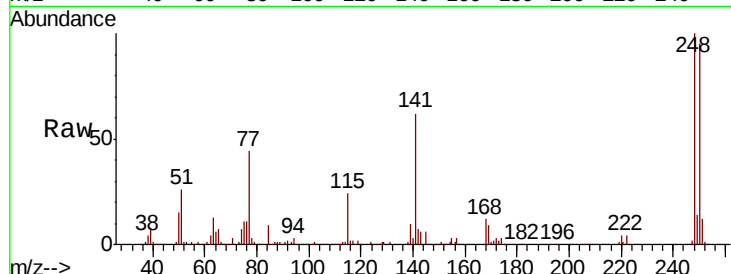
#67
 4-Bromophenyl-phenylether
 Concen: 45.014 ng
 RT: 10.87 min Scan# 1493
 Delta R.T. -0.00 min
 Lab File: BF121191.D
 Acq: 5 Aug 2020 13:45

Instrument :
 BNA_F
 ClientSampleId :
 COMP-CDMSD

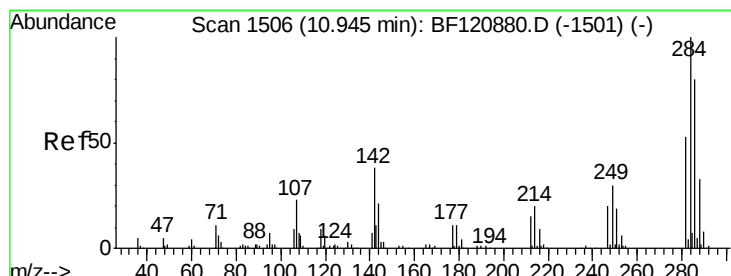
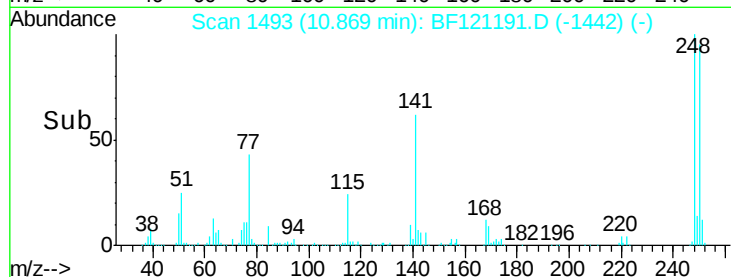
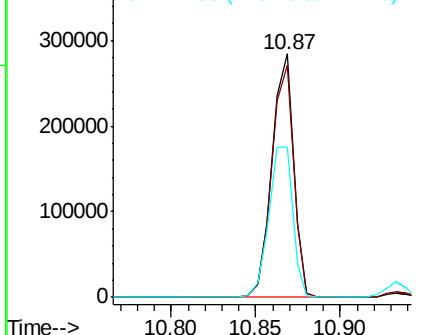
Tot Ion:	248	Resp:	253501
Ion Ratio	Lower	Upper	
248	100		
250	95.2	77.0	115.6
141	61.8	56.6	85.0

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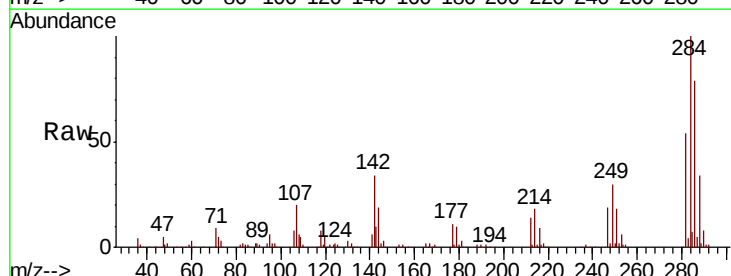


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

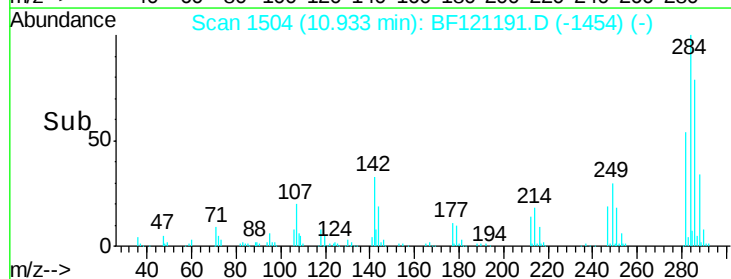
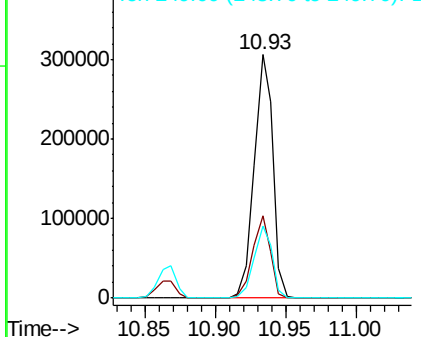


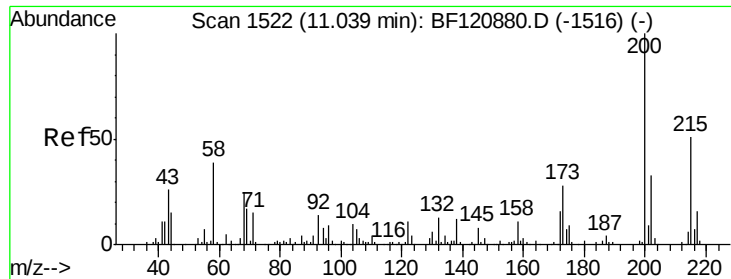
#68
 Hexachlorobenzene
 Concen: 47.049 ng
 RT: 10.93 min Scan# 1504
 Delta R.T. -0.01 min
 Lab File: BF121191.D
 Acq: 5 Aug 2020 13:45

Tgt Ion:	284	Resp:	286618
Ion Ratio	Lower	Upper	
284	100		
142	33.7	21.1	31.7#
249	29.8	22.5	33.7



Abundance Ion 283.80 (283.50 to 284.50): E
 Ion 142.00 (141.70 to 142.70): E
 Ion 249.00 (248.70 to 249.70): E





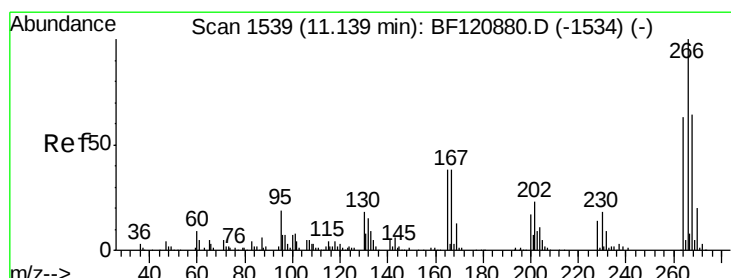
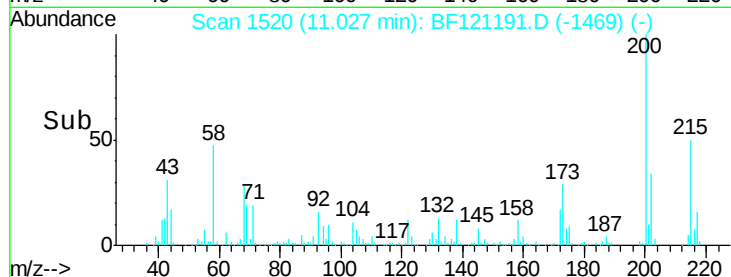
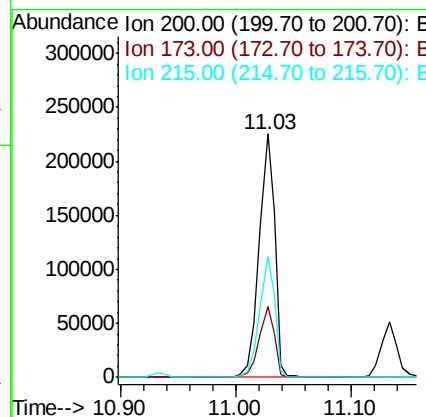
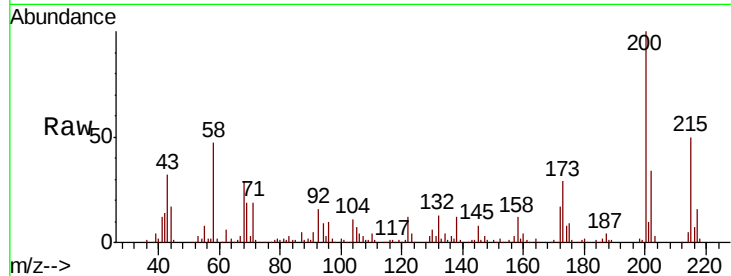
#69
 Atrazine
 Concen: 53.831 ng
 RT: 11.03 min Scan# 1520
 Delta R.T. -0.00 min
 Lab File: BF121191.D
 Acq: 5 Aug 2020 13:45

Instrument :
 BNA_F
 ClientSampleId :
 COMP-CDMSD

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	29.1	7.6	47.6
215	49.6	28.8	68.8

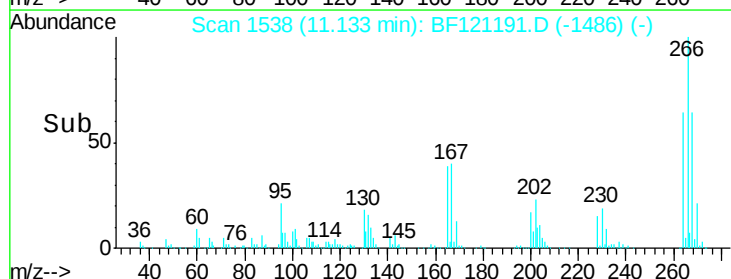
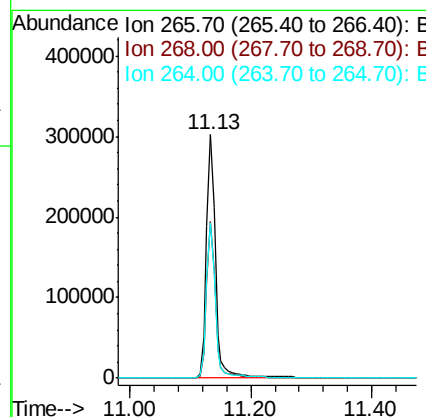
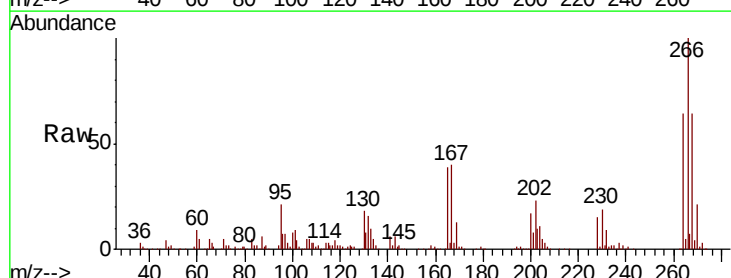
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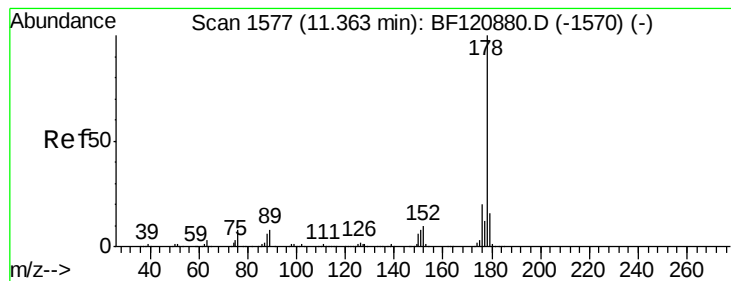
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#70
 Pentachlorophenol
 Concen: 92.944 ng
 RT: 11.13 min Scan# 1538
 Delta R.T. 0.01 min
 Lab File: BF121191.D
 Acq: 5 Aug 2020 13:45

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	64.4	49.7	74.5
264	63.5	50.4	75.6





#71

Phenanthrene

Concen: 45.318 ng

RT: 11.35 min Scan# 1575

Delta R.T. -0.00 min

Lab File: BF121191.D

Acq: 5 Aug 2020 13:45

Instrument :

BNA_F

ClientSampleId :

COMP-CDMSD

Tot Ion:178 Resp: 1177279

Ion Ratio Lower Upper

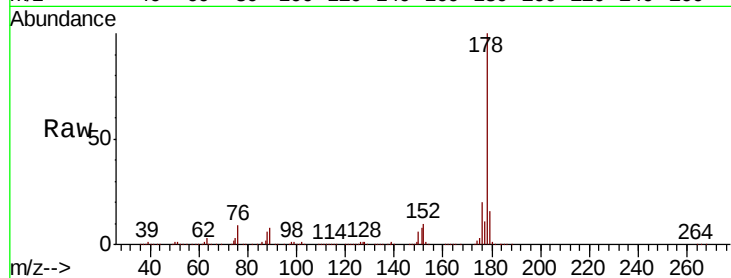
178 100

176 20.1 16.2 24.2

179 15.6 12.6 19.0

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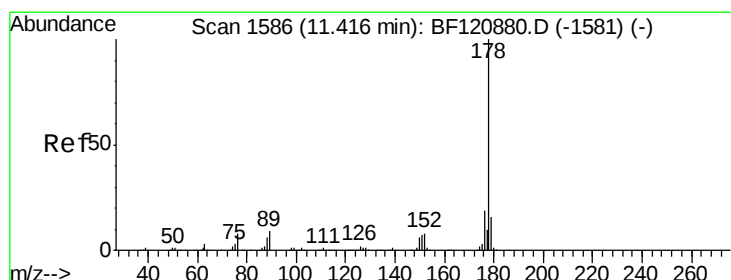
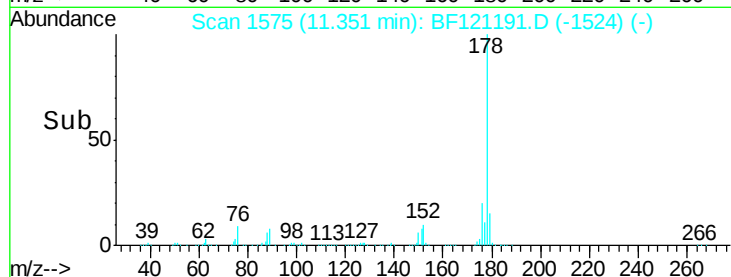
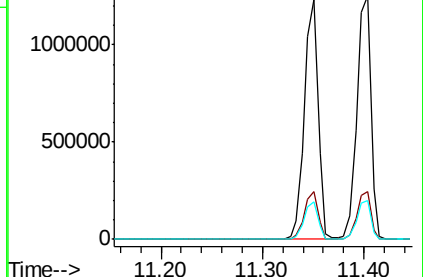
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 46.166 ng

RT: 11.40 min Scan# 1584

Delta R.T. -0.00 min

Lab File: BF121191.D

Acq: 5 Aug 2020 13:45

Tgt Ion:178 Resp: 1204285

Ion Ratio Lower Upper

178 100

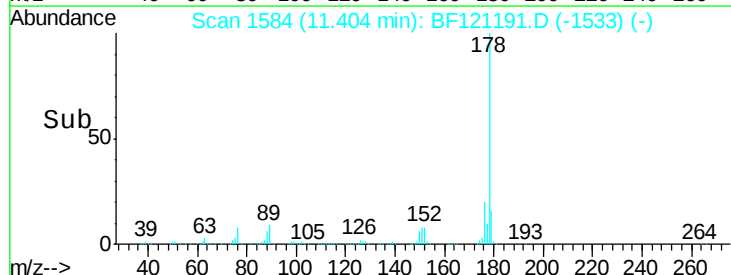
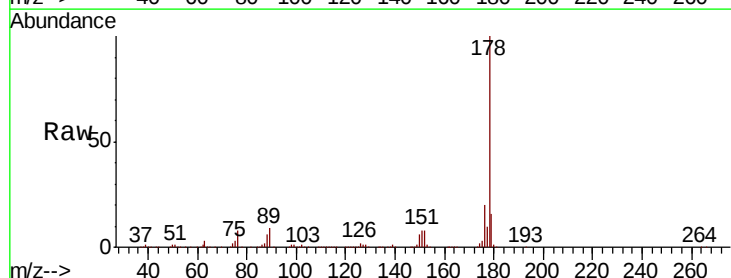
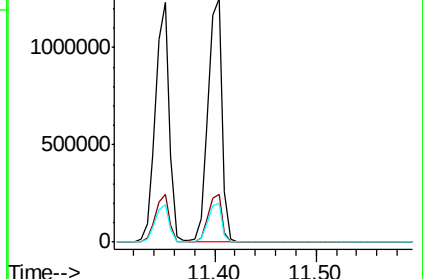
176 19.7 15.8 23.8

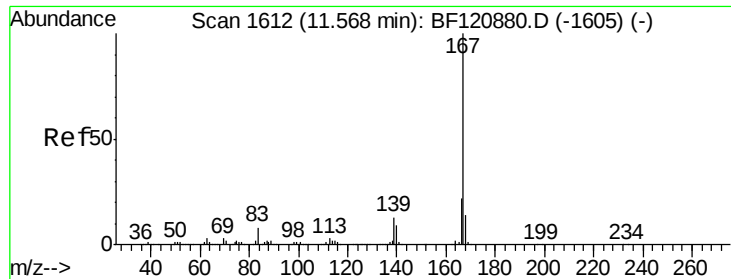
179 15.8 12.6 19.0

Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





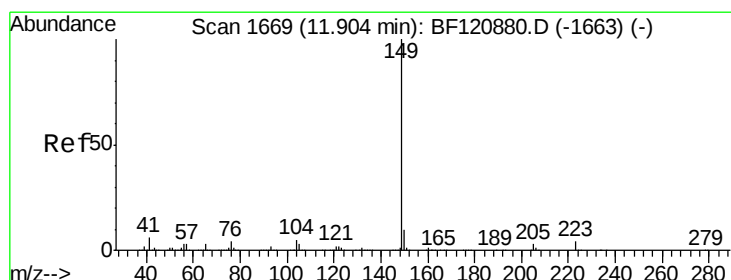
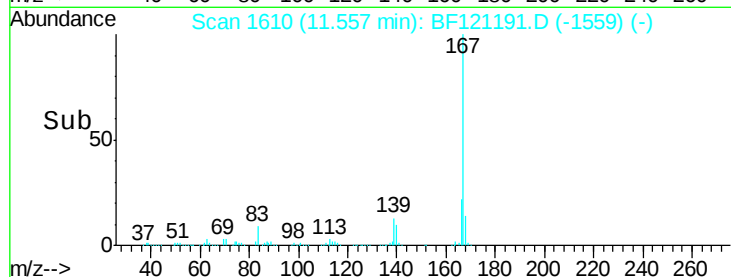
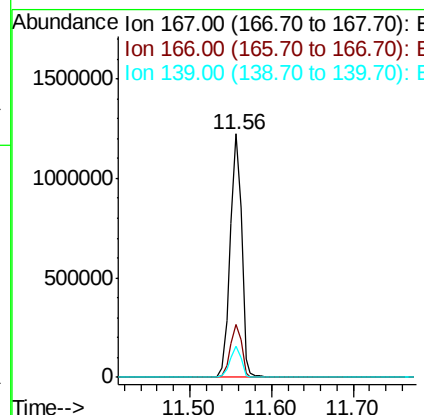
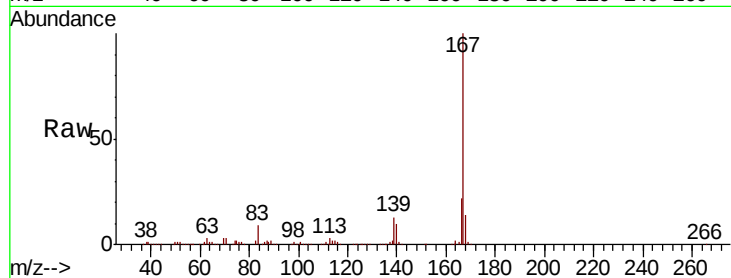
#73
 Carbazole
 Concen: 45.438 ng
 RT: 11.56 min Scan# 1610
 Delta R.T. -0.00 min
 Lab File: BF121191.D
 Acq: 5 Aug 2020 13:45

Instrument :
 BNA_F
 ClientSampleId :
 COMP-CDMSD

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.8	17.5	26.3
139	12.9	10.5	15.7

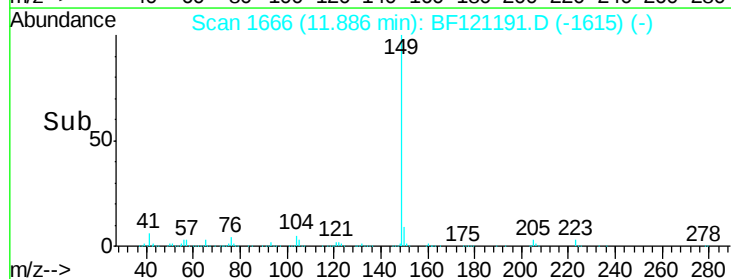
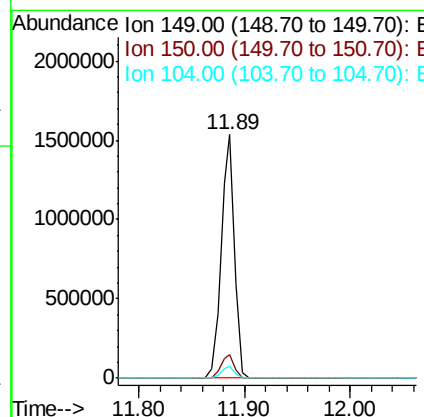
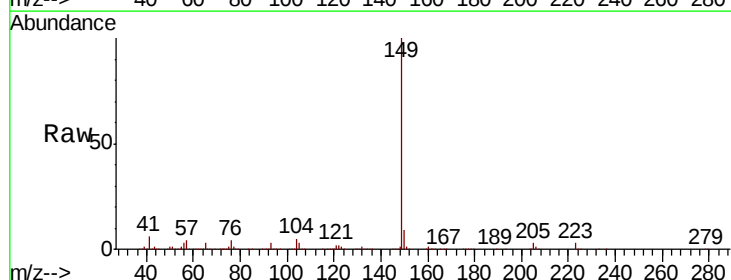
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#74
 Di-n-butylphthalate
 Concen: 45.830 ng
 RT: 11.89 min Scan# 1666
 Delta R.T. -0.00 min
 Lab File: BF121191.D
 Acq: 5 Aug 2020 13:45

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.4	7.8	11.8
104	4.7	3.9	5.9





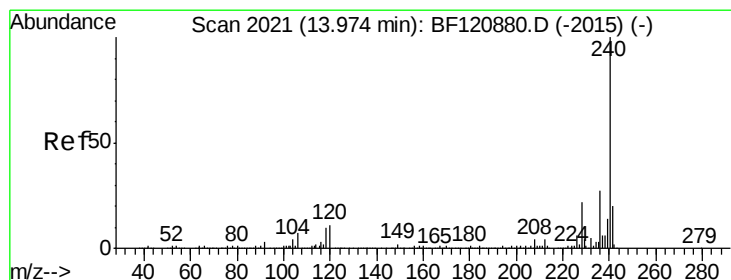
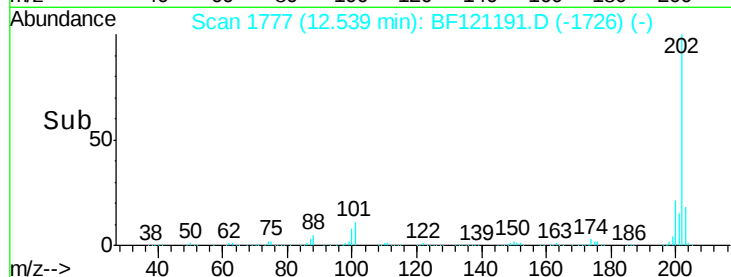
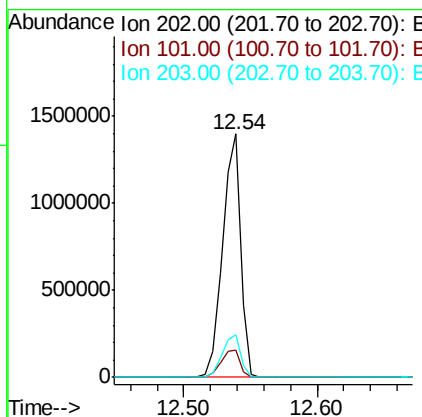
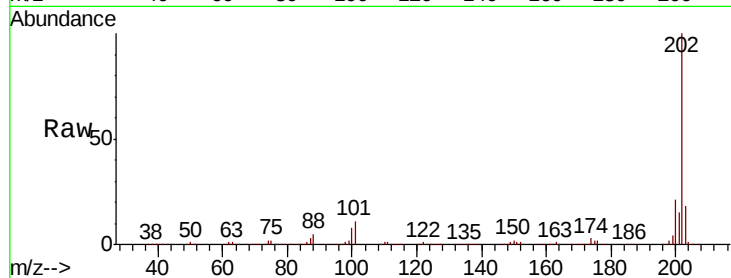
#75
 Fluoranthene
 Concen: 46.481 ng
 RT: 12.54 min Scan# 1777
 Delta R.T. -0.00 min
 Lab File: BF121191.D
 Acq: 5 Aug 2020 13:45

Instrument :
 BNA_F
 ClientSampleId :
 COMP-CDMSD

Tot Ion	Ratio	Resp	Lower	Upper
202	100	1338425		
101	11.1		0.0	30.5
203	17.8		0.0	37.7

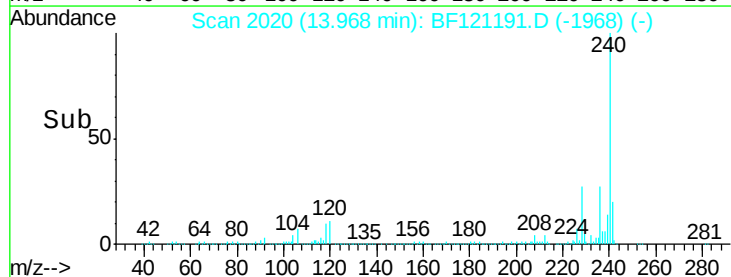
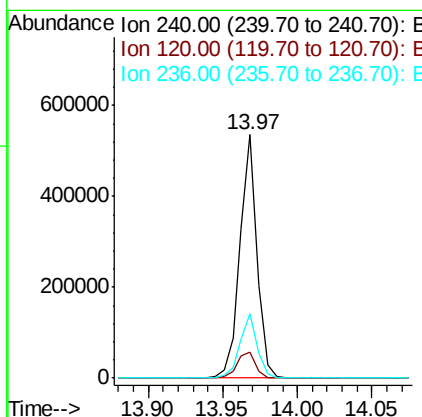
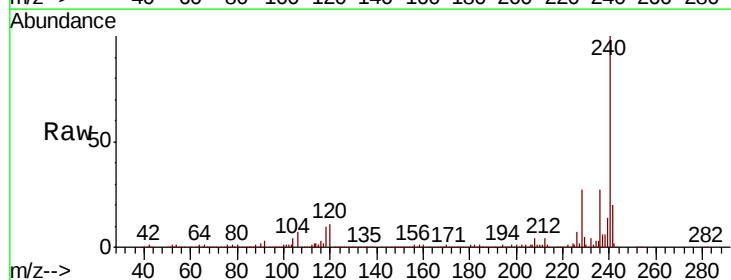
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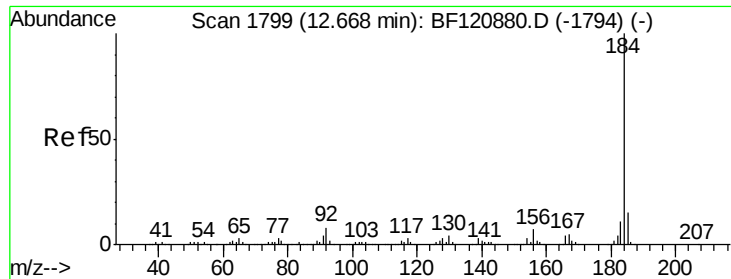
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#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.97 min Scan# 2020
 Delta R.T. 0.01 min
 Lab File: BF121191.D
 Acq: 5 Aug 2020 13:45

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	429223		
120	10.8		9.3	13.9
236	26.6		21.1	31.7





#77

Benzidine

Concen: 54.504 ng

RT: 12.66 min Scan# 1798

Delta R.T. 0.01 min

Lab File: BF121191.D

Acq: 5 Aug 2020 13:45

Instrument :

BNA_F

ClientSampleId :

COMP-CDMSD

Tot Ion:184 Resp: 615080

Ion Ratio Lower Upper

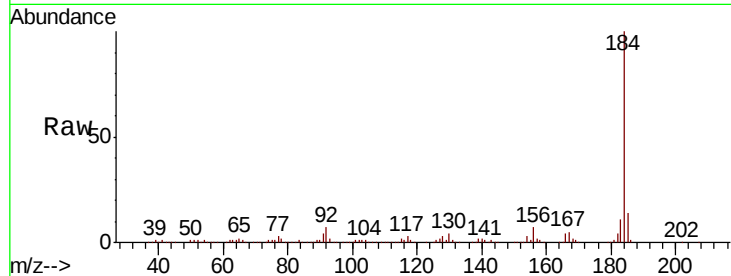
184 100

185 14.3 12.1 18.1

183 11.0 9.0 13.4

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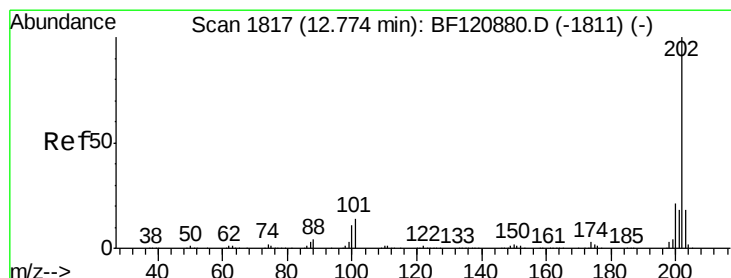
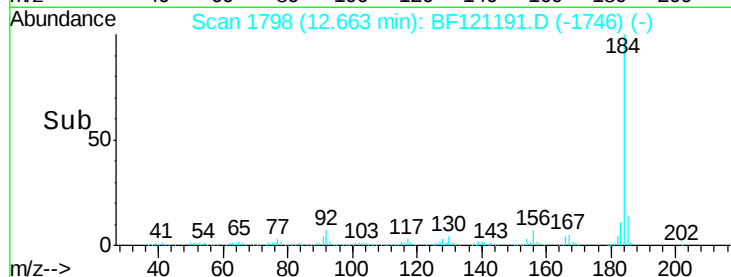
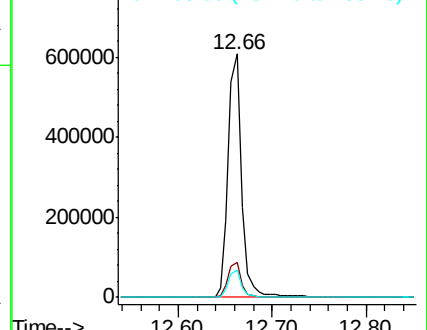
mohammad
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Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 45.615 ng

RT: 12.77 min Scan# 1816

Delta R.T. 0.01 min

Lab File: BF121191.D

Acq: 5 Aug 2020 13:45

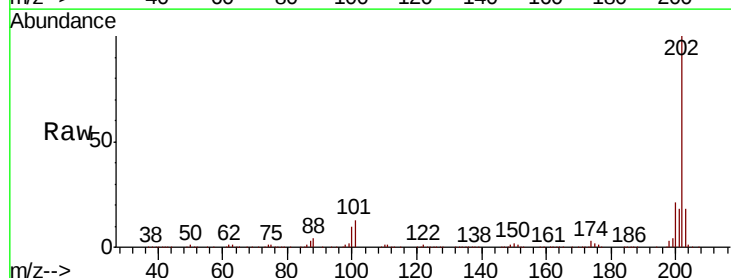
Tgt Ion:202 Resp: 1384234

Ion Ratio Lower Upper

202 100

200 21.1 17.0 25.6

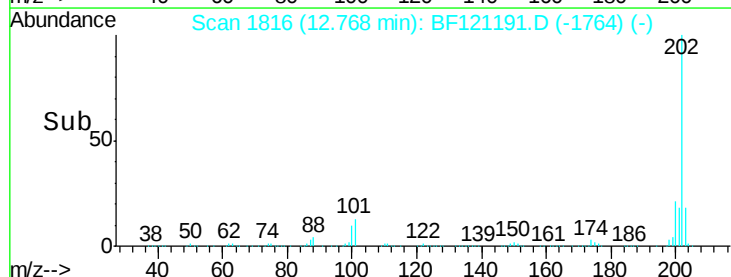
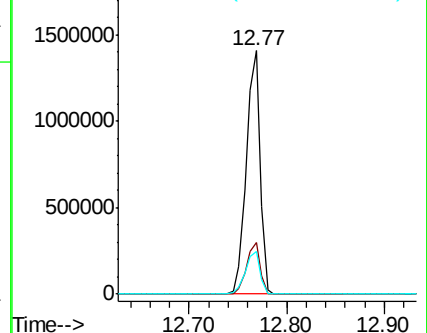
203 17.7 14.6 21.8



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





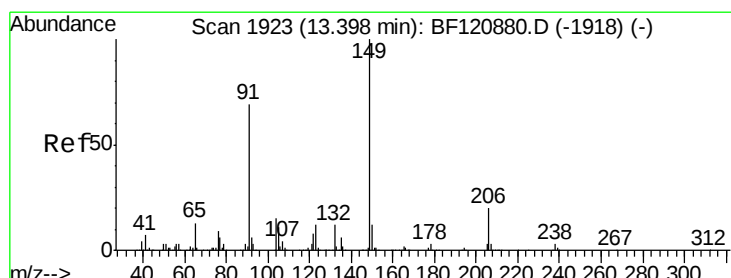
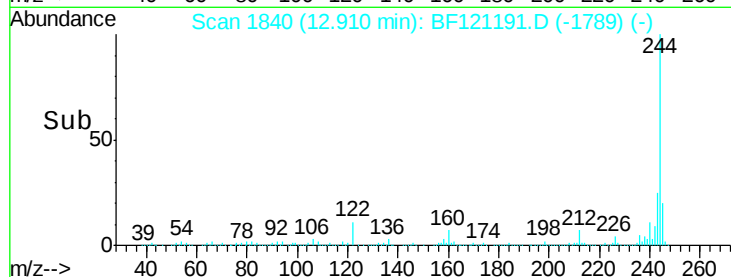
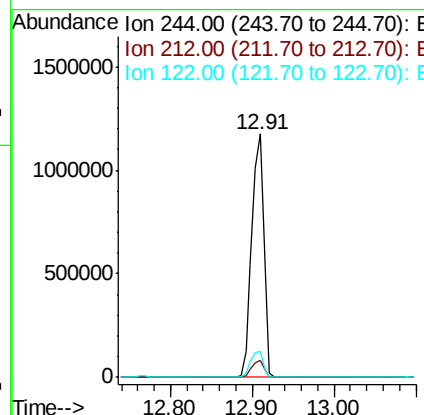
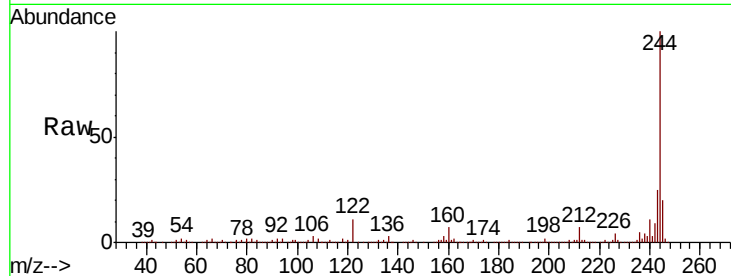
#79
 Terphenyl-d14
 Concen: 61.048 ng
 RT: 12.91 min Scan# 1840
 Delta R.T. -0.00 min
 Lab File: BF121191.D
 Acq: 5 Aug 2020 13:45

Instrument :
 BNA_F
 ClientSampleId :
 COMP-CDMSD

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.7	8.5
122	10.5	8.3	12.5

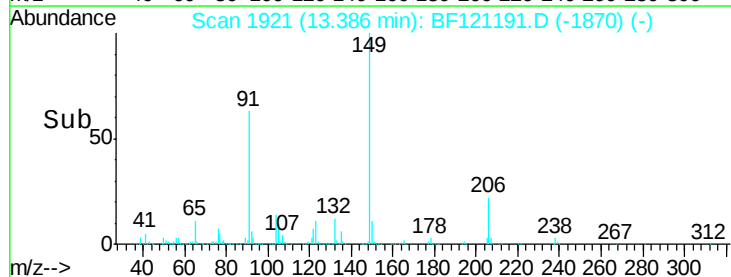
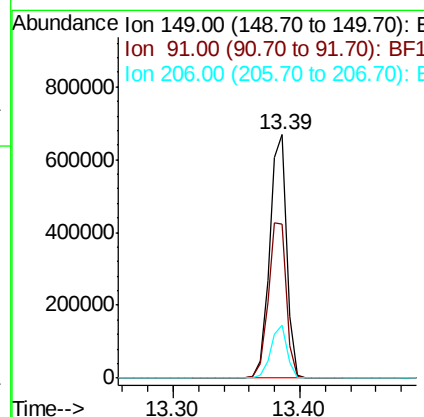
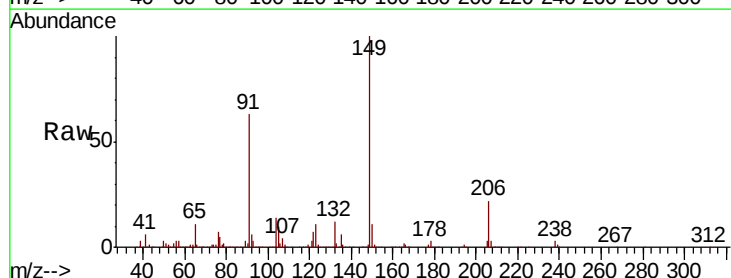
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#80
 Butylbenzylphthalate
 Concen: 46.441 ng
 RT: 13.39 min Scan# 1921
 Delta R.T. -0.00 min
 Lab File: BF121191.D
 Acq: 5 Aug 2020 13:45

Tgt Ion	Ratio	Lower	Upper
149	100		
91	63.1	51.4	77.0
206	21.9	17.9	26.9





#81

Benzo(a)anthracene

Concen: 48.006 ng

RT: 13.96 min Scan# 2018

Delta R.T. 0.01 min

Lab File: BF121191.D

Acq: 5 Aug 2020 13:45

Instrument :

BNA_F

ClientSampleId :

COMP-CDMSD

Tot Ion:228 Resp: 1247740

Ion Ratio Lower Upper

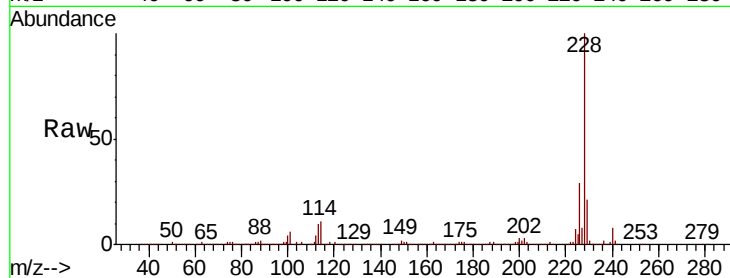
228 100

226 28.6 22.6 34.0

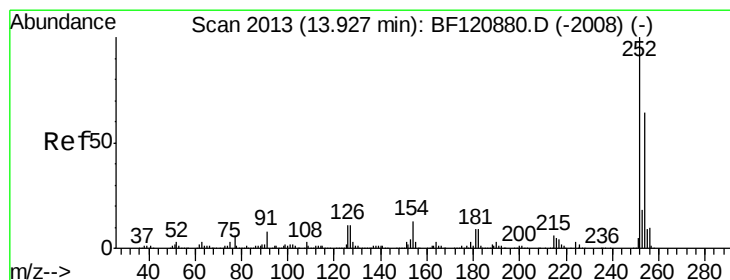
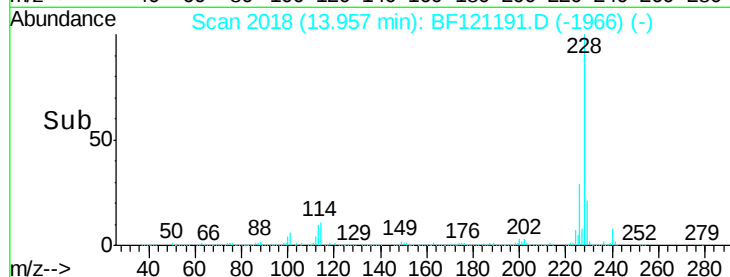
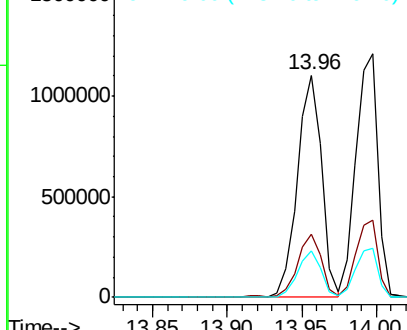
229 20.7 16.1 24.1

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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: 44.229 ng

RT: 13.92 min Scan# 2012

Delta R.T. 0.01 min

Lab File: BF121191.D

Acq: 5 Aug 2020 13:45

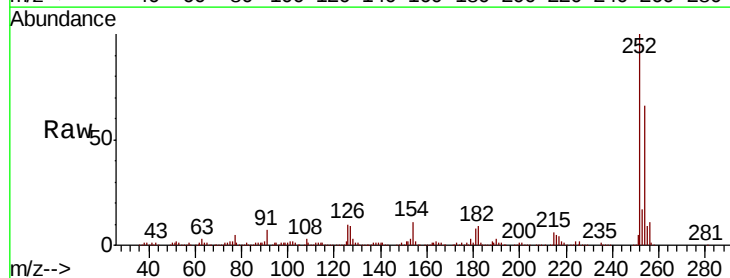
Tgt Ion:252 Resp: 433703

Ion Ratio Lower Upper

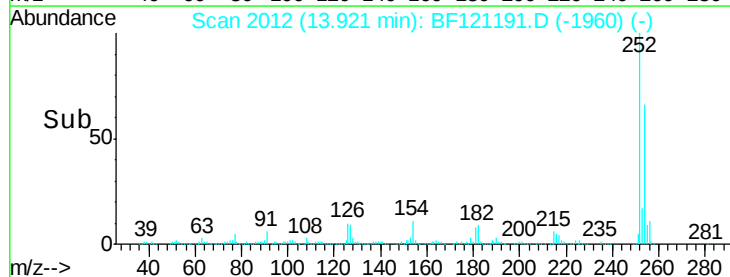
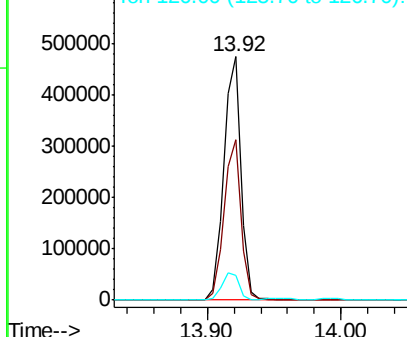
252 100

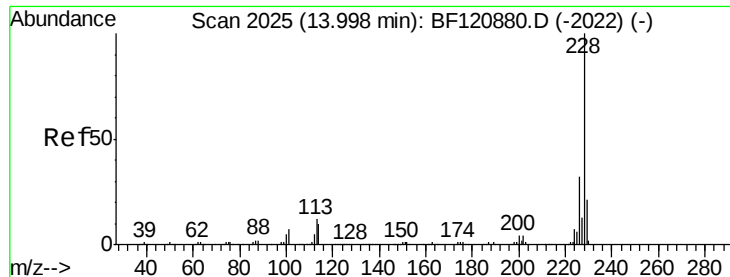
254 66.1 51.3 76.9

126 10.2 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





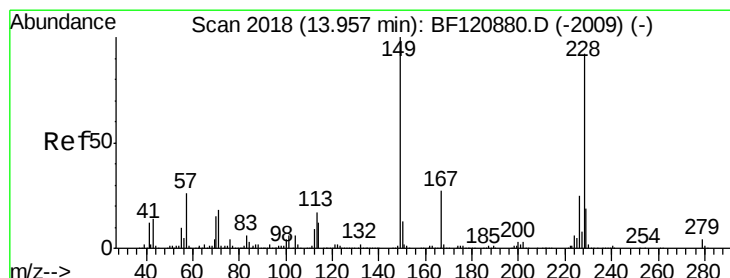
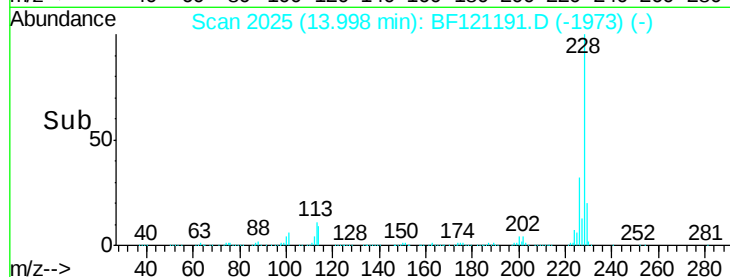
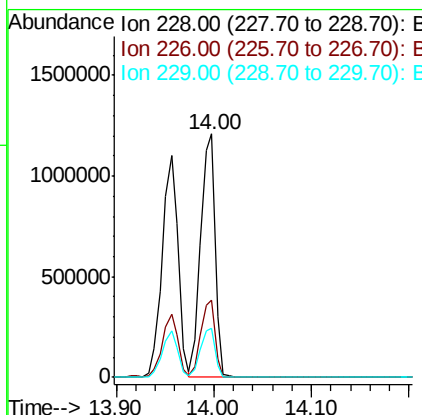
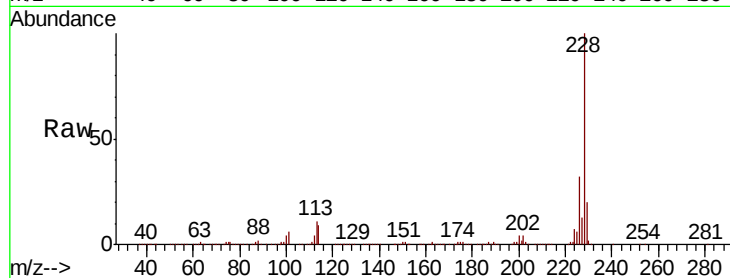
#83
Chrysene
Concen: 45.400 ng
RT: 14.00 min Scan# 2025
Delta R.T. 0.01 min
Lab File: BF121191.D
Acq: 5 Aug 2020 13:45

Instrument :
BNA_F
ClientSampleId :
COMP-CDMSD

Tot Ion:228 Resp: 1240067
Ion Ratio Lower Upper
228 100
226 31.6 25.4 38.0
229 20.3 16.2 24.4

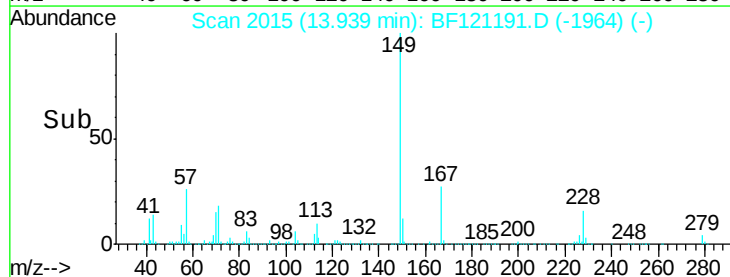
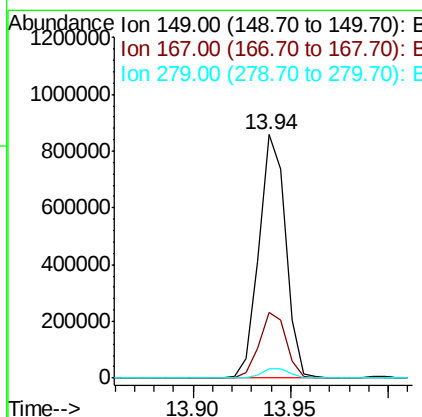
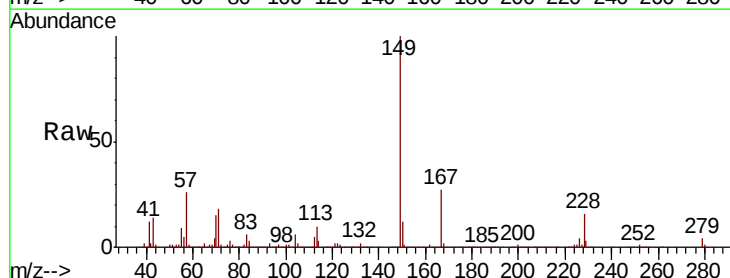
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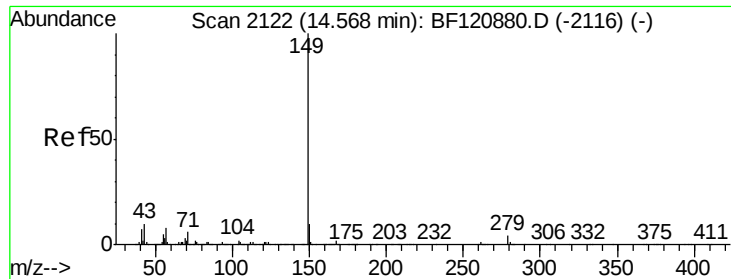
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#84
Bis(2-ethylhexyl)phthalate
Concen: 48.817 ng
RT: 13.94 min Scan# 2015
Delta R.T. -0.00 min
Lab File: BF121191.D
Acq: 5 Aug 2020 13:45

Tgt Ion:149 Resp: 814339
Ion Ratio Lower Upper
149 100
167 26.8 21.8 32.6
279 3.8 2.9 4.3





#85

Di-n-octyl phthalate

Concen: 45.293 ng

RT: 14.56 min Scan# 2120

Delta R.T. 0.01 min

Lab File: BF121191.D

Acq: 5 Aug 2020 13:45

Instrument :

BNA_F

ClientSampleId :

COMP-CDMSD

Tot Ion:149 Resp: 1503177

Ion Ratio Lower Upper

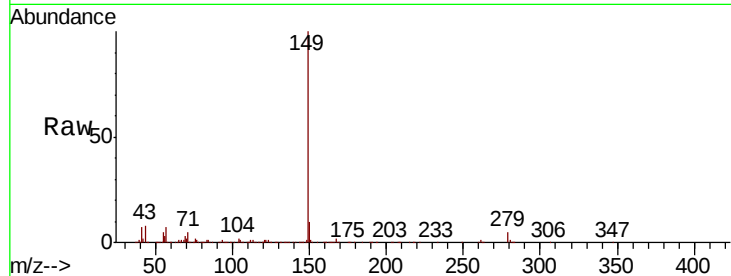
149 100

167 1.6 1.3 1.9

43 8.7 7.5 11.3

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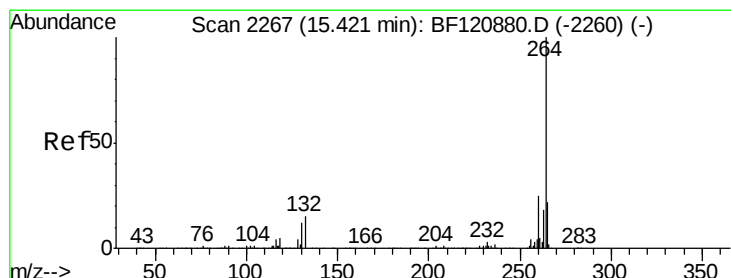
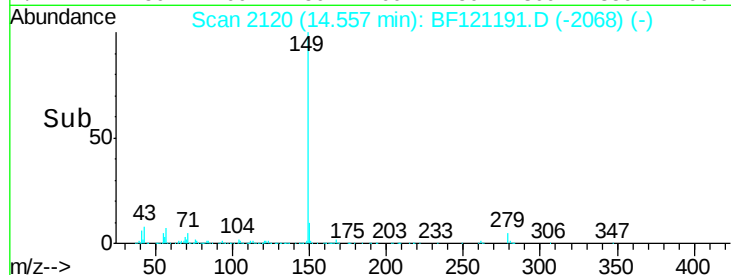
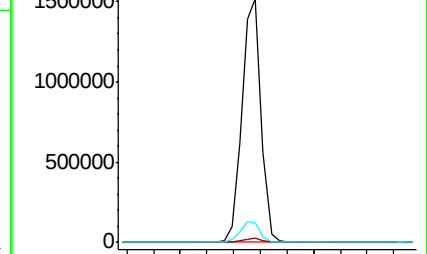
mohammad
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.42 min Scan# 2266

Delta R.T. 0.01 min

Lab File: BF121191.D

Acq: 5 Aug 2020 13:45

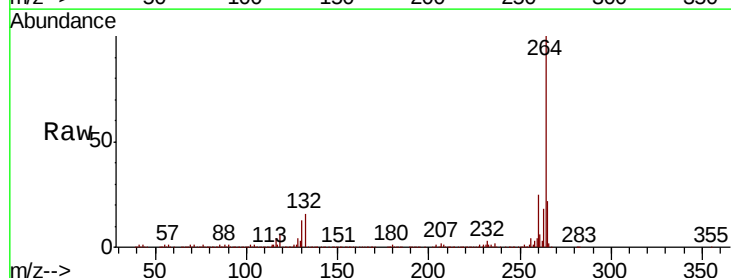
Tgt Ion:264 Resp: 479168

Ion Ratio Lower Upper

264 100

260 24.9 19.9 29.9

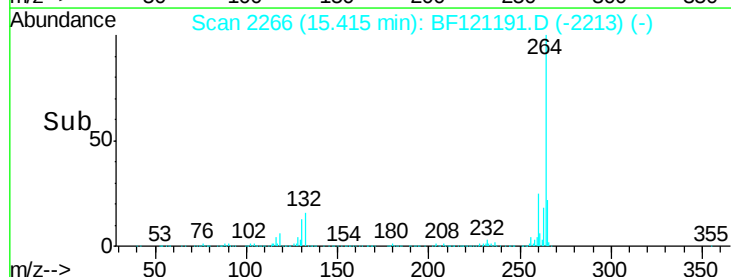
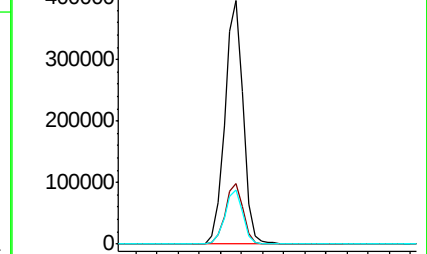
265 22.3 17.8 26.8



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





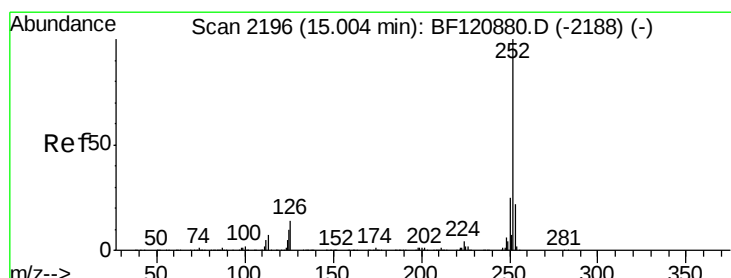
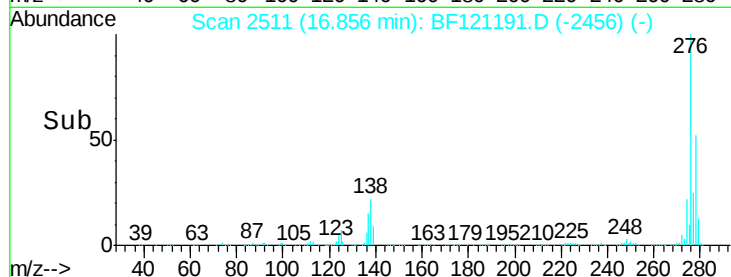
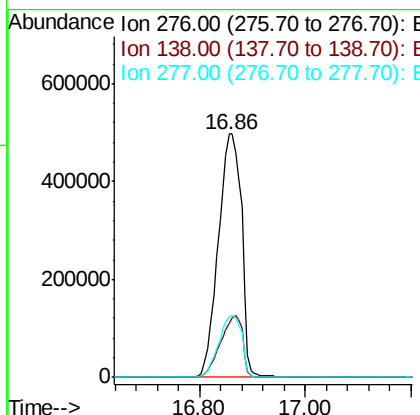
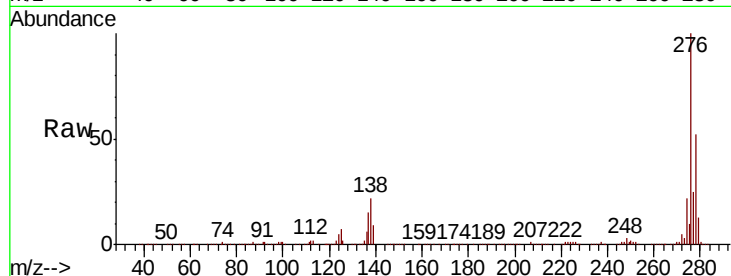
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 45.267 ng
 RT: 16.86 min Scan# 2511
 Delta R.T. 0.02 min
 Lab File: BF121191.D
 Acq: 5 Aug 2020 13:45

Instrument :
 BNA_F
 ClientSampleId :
 COMP-CDMSD

Tot Ion	Ratio	Lower	Upper
276	100		
138	24.2	19.3	28.9
277	25.5	20.1	30.1

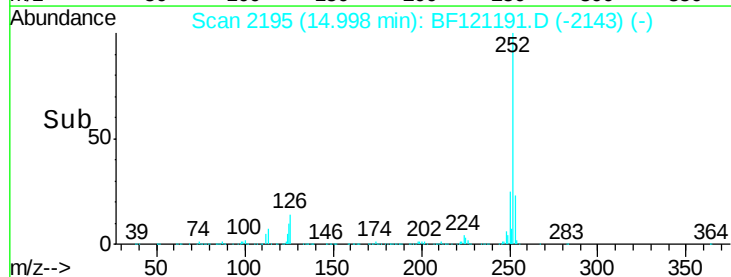
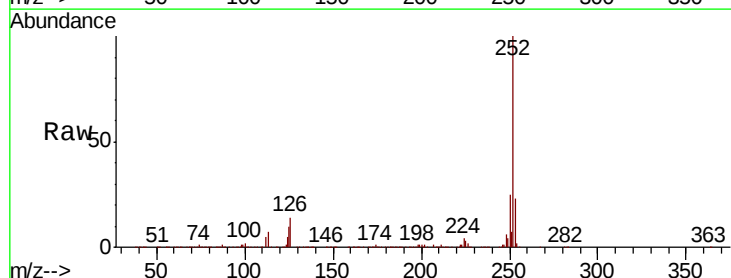
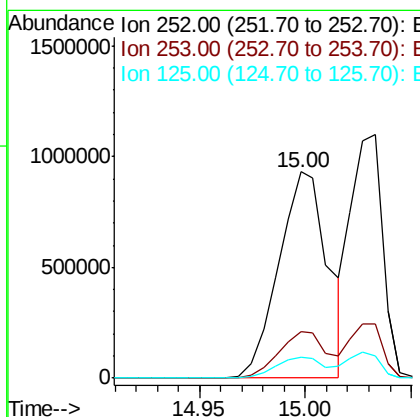
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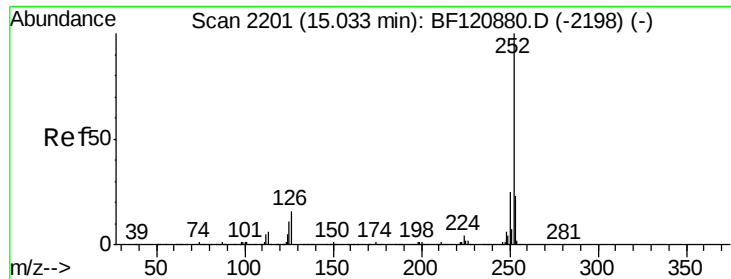
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#88
 Benzo(b)fluoranthene
 Concen: 52.101 ng
 RT: 15.00 min Scan# 2195
 Delta R.T. 0.01 min
 Lab File: BF121191.D
 Acq: 5 Aug 2020 13:45

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.9	26.9
125	10.4	8.1	12.1





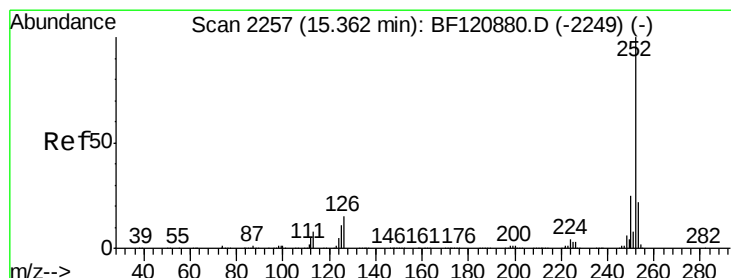
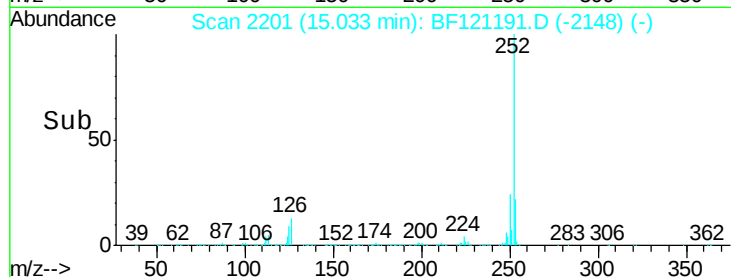
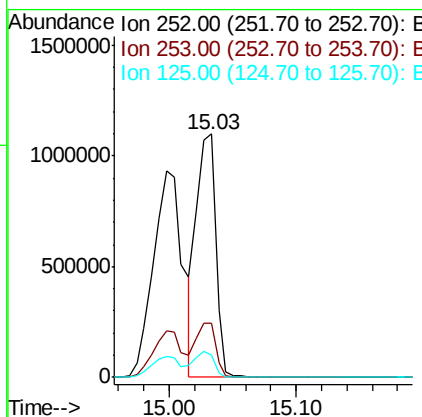
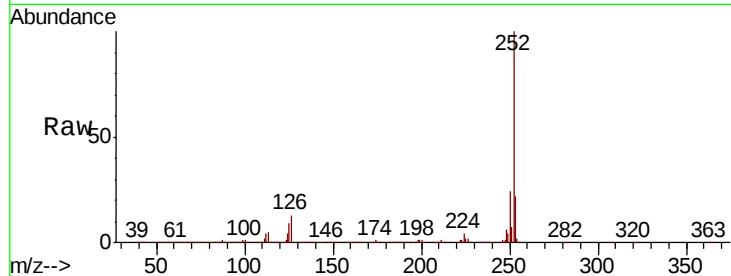
#89
Benzo(k)fluoranthene
Concen: 43.763 ng
RT: 15.03 min Scan# 2201
Delta R.T. 0.01 min
Lab File: BF121191.D
Acq: 5 Aug 2020 13:45

Instrument :
BNA_F
ClientSampleId :
COMP-CDMSD

Tot Ion	Ion	Ratio	Lower	Upper
252	100			
253	22.0	18.1	27.1	
125	9.2	8.0	12.0	

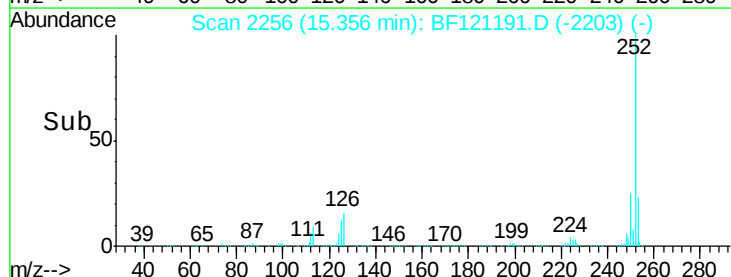
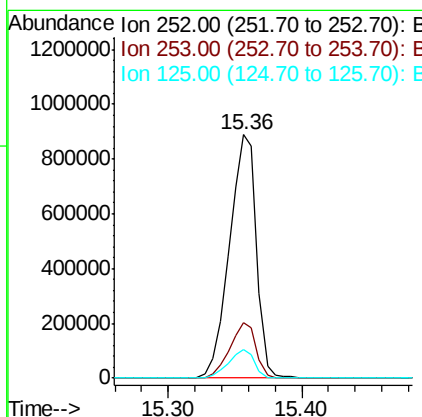
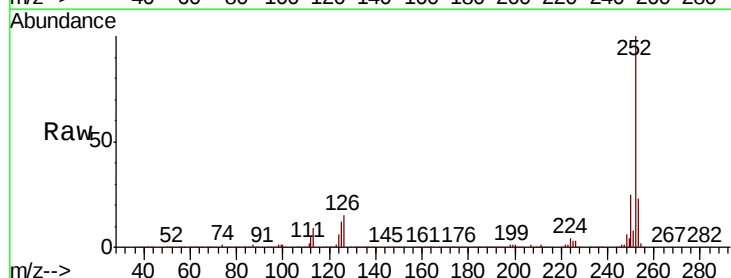
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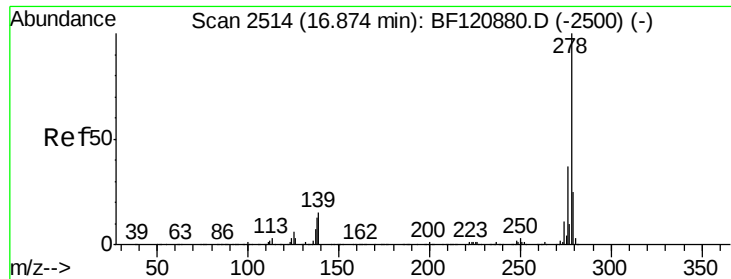
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#90
Benzo(a)pyrene
Concen: 47.551 ng
RT: 15.36 min Scan# 2256
Delta R.T. 0.01 min
Lab File: BF121191.D
Acq: 5 Aug 2020 13:45

Tgt Ion	Ion	Ratio	Lower	Upper
252	100			
253	22.6	18.0	27.0	
125	11.6	9.5	14.3	





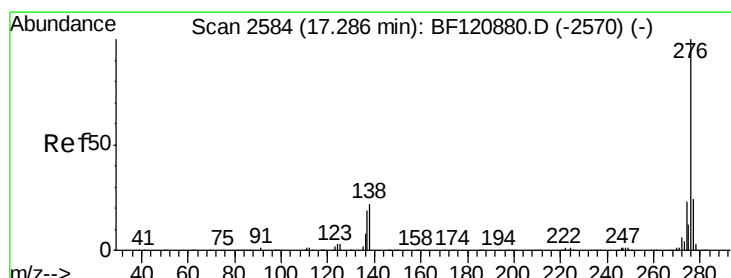
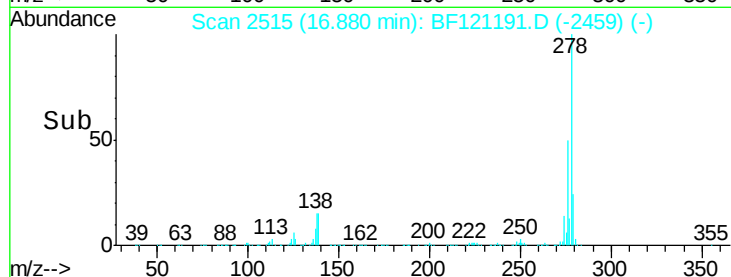
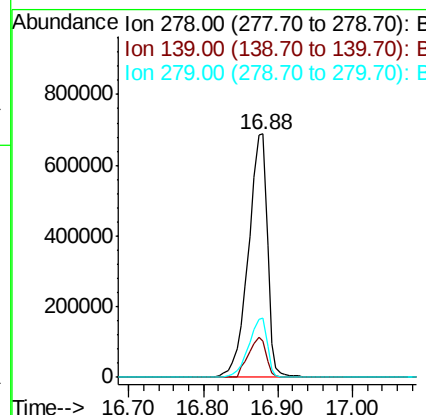
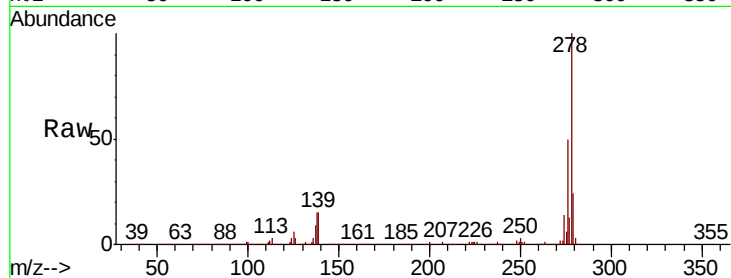
#91
Dibenzo(a,h)anthracene
Concen: 44.709 ng
RT: 16.88 min Scan# 2515
Delta R.T. 0.03 min
Lab File: BF121191.D
Acq: 5 Aug 2020 13:45

Instrument :
BNA_F
ClientSampleId :
COMP-CDMSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	14.9	12.6	18.8
279	24.1	19.5	29.3

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#92
Benzo(g,h,i)perylene
Concen: 47.616 ng
RT: 17.30 min Scan# 2586
Delta R.T. 0.04 min
Lab File: BF121191.D
Acq: 5 Aug 2020 13:45

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.7	19.4	29.0
138	21.8	17.2	25.8

