

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100520\
 Data File : BF121816.D
 Acq On : 5 Oct 2020 13:43
 Operator : JU/CG
 Sample : L4200-01MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB-2020-WS-000-01MSD

Manual Integrations
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mohammad
 10/7/2020 10:35:57 AM

Quant Time: Oct 05 14:17:33 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 01 14:29:14 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	103302	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	403573	20.00	ng	-0.01
39) Acenaphthene-d10	9.80	164	209952	20.00	ng	0.00
64) Phenanthrene-d10	11.29	188	407106	20.00	ng	0.00
76) Chrysene-d12	13.93	240	336045	20.00	ng	0.00
86) Perylene-d12	15.36	264	297074	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.40	112	779112	112.08	ng	0.01
7) Phenol-d6	6.42	99	915327	100.37	ng	0.00
23) Nitrobenzene-d5	7.33	82	735877	97.90	ng	0.00
42) 2,4,6-Tribromophenol	10.60	330	351094	134.55	ng	0.00
45) 2-Fluorobiphenyl	9.13	172	1279843	92.32	ng	0.00
79) Terphenyl-d14	12.87	244	1522649	91.80	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.59	88	121138	37.933	ng	# 83
3) Pyridine	3.30	79	266327	30.168	ng	99
4) n-Nitrosodimethylamine	3.22	42	171799	41.954	ng	100
6) Aniline	6.43	93	211983	17.848	ng	# 1
8) 2-Chlorophenol	6.56	128	333859	47.174	ng	96
9) Benzaldehyde	6.32	77	35415	5.940	ng	98
10) Phenol	6.43	94	363296	37.411	ng	91
11) bis(2-Chloroethyl)ether	6.50	93	343176	46.887	ng	99
12) 1,3-Dichlorobenzene	6.70	146	336865	42.645	ng	99
13) 1,4-Dichlorobenzene	6.78	146	341459	43.050	ng	100
14) 1,2-Dichlorobenzene	6.93	146	323126	44.223	ng	98
15) Benzyl Alcohol	6.92	79	299388	48.301	ng	100
16) 2,2'-oxybis(1-Chloropropan	7.05	45	520567	44.199	ng	93
17) 2-Methylphenol	7.03	107	261219	43.379	ng	95
18) Hexachloroethane	7.27	117	122458	43.119	ng	98
19) n-Nitroso-di-n-propylamine	7.19	70	242042	46.053	ng	98
20) 3+4-Methylphenols	7.19	107	325601	45.004	ng	# 74
22) Acetophenone	7.17	105	458812	44.809	ng	# 92
24) Nitrobenzene	7.35	77	367782	45.240	ng	99
25) Isophorone	7.59	82	669398	44.241	ng	100
26) 2-Nitrophenol	7.67	139	176020	46.100	ng	100
27) 2,4-Dimethylphenol	7.71	122	293896	43.514	ng	99
28) bis(2-Chloroethoxy)methane	7.80	93	423753	45.239	ng	100
29) 2,4-Dichlorophenol	7.92	162	279904	45.501	ng	96
30) 1,2,4-Trichlorobenzene	7.99	180	283108	43.698	ng	100
31) Naphthalene	8.07	128	939847	44.116	ng	99
32) Benzoic acid	7.86	122	161932	34.427	ng	99
33) 4-Chloroaniline	8.12	127	137619	14.902	ng	97
34) Hexachlorobutadiene	8.19	225	168721	44.367	ng	99
35) Caprolactam	8.50	113	75518m	36.864	ng	
36) 4-Chloro-3-methylphenol	8.62	107	303551	45.806	ng	99
37) 2-Methylnaphthalene	8.76	142	629288	45.074	ng	99
38) 1-Methylnaphthalene	8.86	142	583873	44.936	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.93	216	295291	45.026	ng	99

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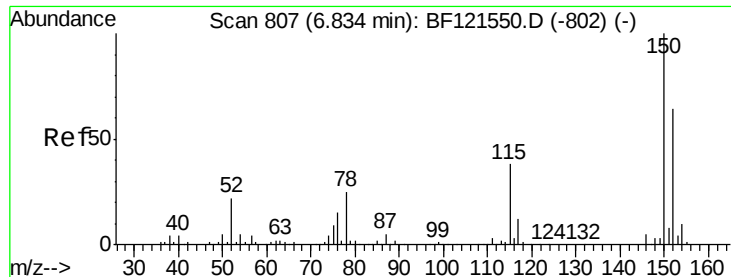
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Quant Time: Oct 05 14:17:33 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 01 14:29:14 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.91	237	195872	52.299	nq	98
43) 2,4,6-Trichlorophenol	9.05	196	200715	44.901	nq	99
44) 2,4,5-Trichlorophenol	9.09	196	213420	45.162	nq	97
46) 1,1'-Biphenyl	9.23	154	759082	45.162	nq	98
47) 2-Chloronaphthalene	9.25	162	587016	44.319	nq	99
48) 2-Nitroaniline	9.35	65	205035	49.815	nq	100
49) Acenaphthylene	9.66	152	924445	45.425	nq	100
50) Dimethylphthalate	9.53	163	751880	49.411	nq	100
51) 2,6-Dinitrotoluene	9.59	165	162045	50.003	nq	94
52) Acenaphthene	9.83	154	553411	43.054	nq	100
53) 3-Nitroaniline	9.76	138	100269	26.709	nq	94
54) 2,4-Dinitrophenol	9.88	184	167389	88.473	nq	98
55) Dibenzofuran	10.01	168	812360	44.878	nq	100
56) 4-Nitrophenol	9.94	139	208788	69.737	nq	87
57) 2,4-Dinitrotoluene	10.00	165	209466	51.377	nq	96
58) Fluorene	10.35	166	653362	47.199	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.13	232	180919	47.092	nq	99
60) Diethylphthalate	10.23	149	720199	48.543	nq	99
61) 4-Chlorophenyl-phenylether	10.34	204	316061	47.663	nq	96
62) 4-Nitroaniline	10.37	138	163652	43.904	nq	98
63) Azobenzene	10.50	77	733411	46.420	nq	97
65) 4,6-Dinitro-2-methylphenol	10.41	198	120551	48.219	nq	90
66) n-Nitrosodiphenylamine	10.46	169	625470	44.782	nq	100
67) 4-Bromophenyl-phenylether	10.83	248	215893	46.578	nq	95
68) Hexachlorobenzene	10.90	284	237507	45.405	nq	99
69) Atrazine	10.99	200	154256	44.455	nq	99
70) Pentachlorophenol	11.10	266	225120	78.365	nq	98
71) Phenanthrene	11.31	178	991940	44.721	nq	99
72) Anthracene	11.36	178	1026068	44.827	nq	99
73) Carbazole	11.52	167	931294	45.086	nq	100
74) Di-n-butylphthalate	11.85	149	1171484	49.139	nq	99
75) Fluoranthene	12.50	202	1098739	46.404	nq	100
77) Benzidine	12.62	184	49678	4.459	nq	100
78) Pyrene	12.73	202	1117629	45.520	nq	99
80) Butylbenzylphthalate	13.34	149	513030	51.666	nq	98
81) Benzo(a)anthracene	13.92	228	978543	46.028	nq	100
82) 3,3'-Dichlorobenzidine	13.88	252	260244	31.355	nq	99
83) Chrysene	13.96	228	981532	45.592	nq	100
84) Bis(2-ethylhexyl)phthalate	13.90	149	720644	54.325	nq	99
85) Di-n-octyl phthalate	14.52	149	1264025	53.993	nq	100
87) Indeno(1,2,3-cd)pyrene	16.79	276	954486	49.337	nq	100
88) Benzo(b)fluoranthene	14.95	252	943155	47.491	nq	99
89) Benzo(k)fluoranthene	14.98	252	897178	49.332	nq	99
90) Benzo(a)pyrene	15.30	252	815750	48.322	nq	99
91) Dibenzo(a,h)anthracene	16.80	278	785271	48.761	nq	99
92) Benzo(g,h,i)perylene	17.21	276	792853	50.084	nq	100

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



#1

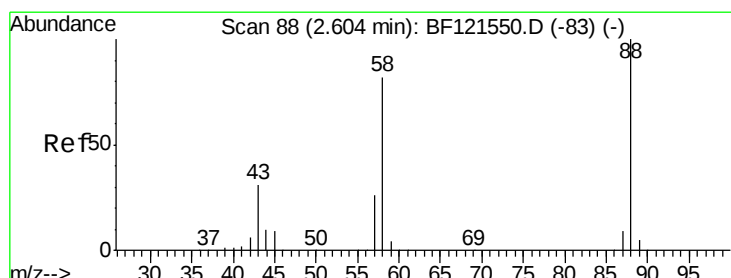
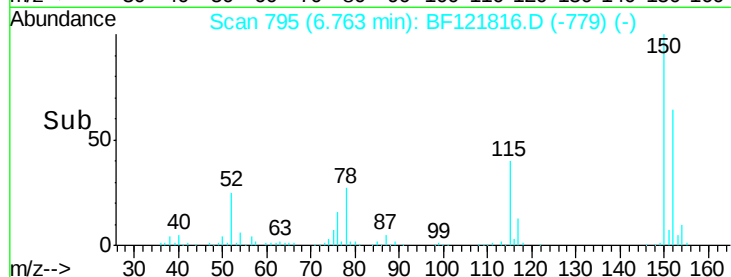
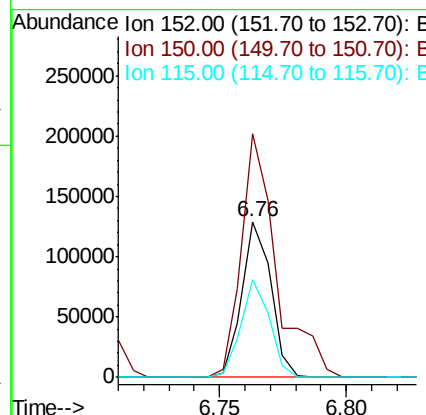
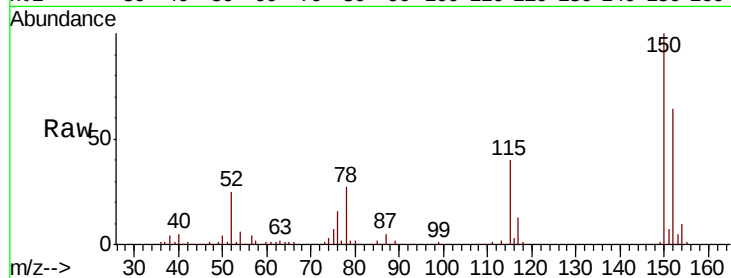
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.76 min Scan# 795
Delta R.T. -0.01 min
Lab File: BF121816.D
Acq: 5 Oct 2020 13:43

Instrument :
BNA_F
ClientSampleId :
PB-2020-WS-000-01MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.8	125.3	187.9
115	63.0	51.9	77.9

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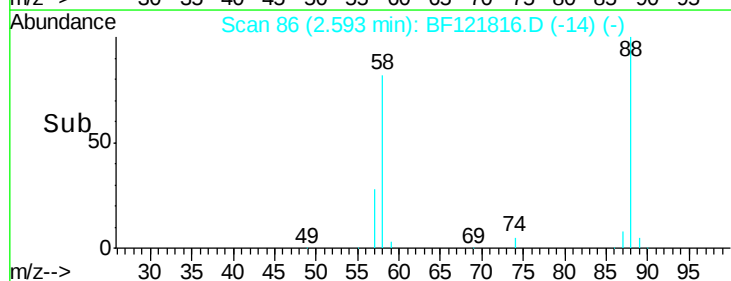
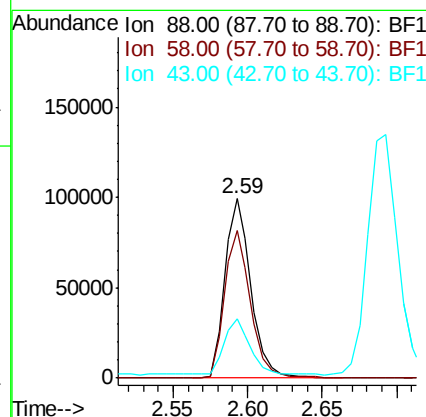
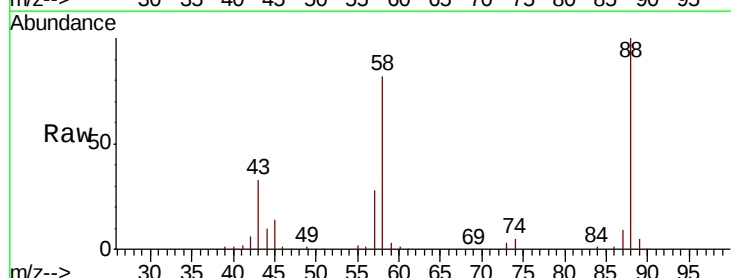
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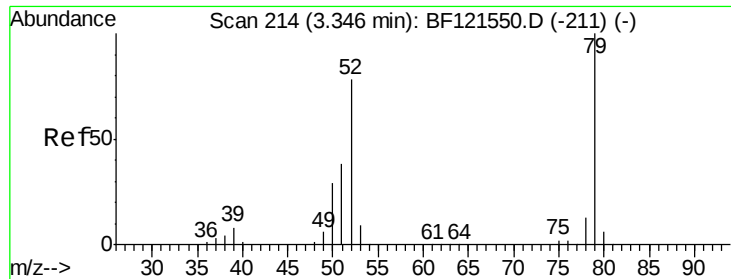


#2

1,4-Dioxane
Concen: 37.933 ng
RT: 2.59 min Scan# 86
Delta R.T. 0.12 min
Lab File: BF121816.D
Acq: 5 Oct 2020 13:43

Tgt Ion	Ratio	Lower	Upper
88	100		
58	83.0	65.8	98.8
43	0.0	25.8	38.8#





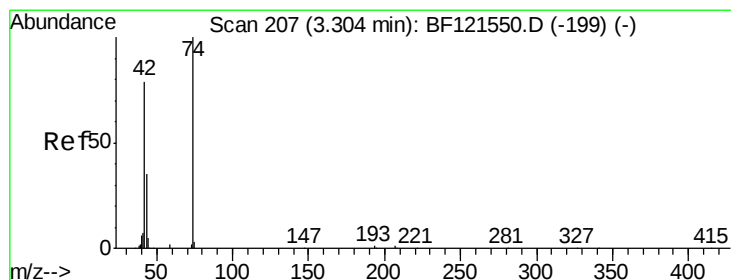
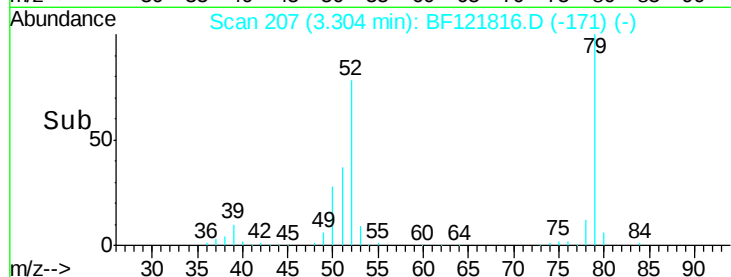
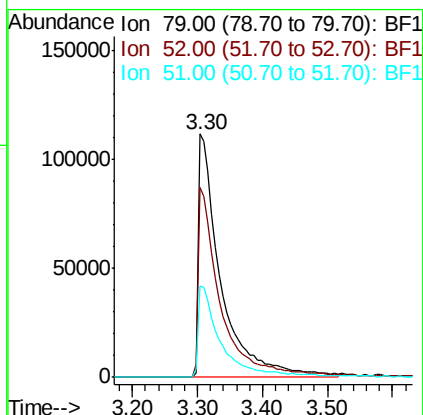
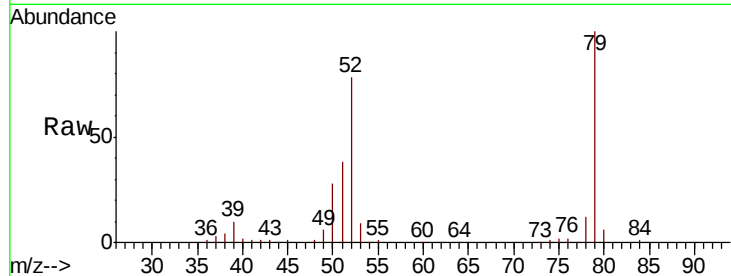
#3
 Pvridine
 Concen: 30.168 ng
 RT: 3.30 min Scan# 207
 Delta R.T. 0.11 min
 Lab File: BF121816.D
 Acq: 5 Oct 2020 13:43

Instrument :
 BNA_F
 ClientSampleId :
 PB-2020-WS-000-01MSD

Tot Ion	Ratio	Lower	Upper
79	100		
52	78.1	62.2	93.4
51	37.6	31.1	46.7

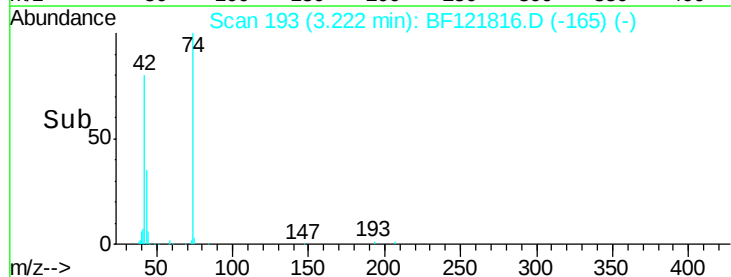
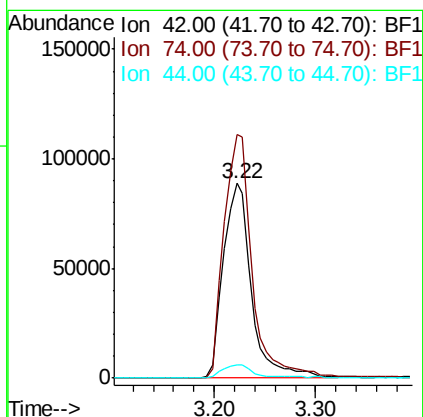
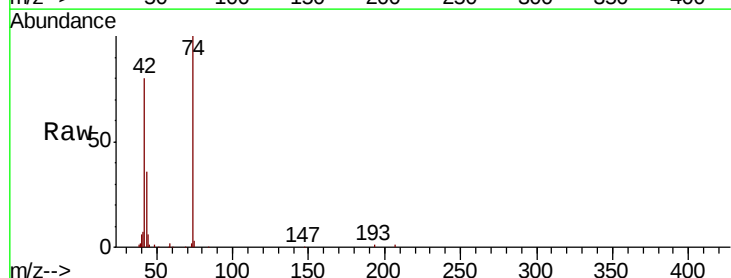
Manual Integrations
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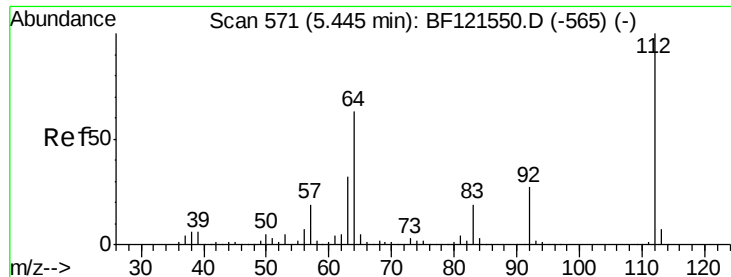
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#4
 n-Nitrosodimethylamine
 Concen: 41.954 ng
 RT: 3.22 min Scan# 193
 Delta R.T. 0.06 min
 Lab File: BF121816.D
 Acq: 5 Oct 2020 13:43

Tgt Ion	Ratio	Lower	Upper
42	100		
74	125.0	100.2	150.2
44	7.0	5.8	8.6





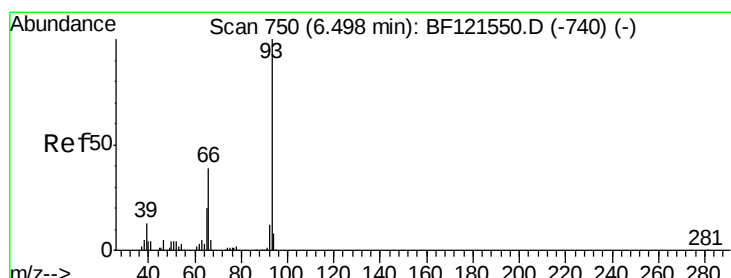
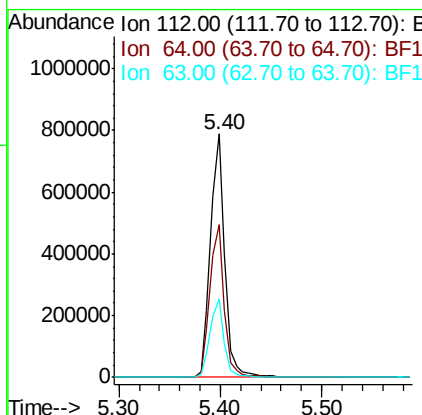
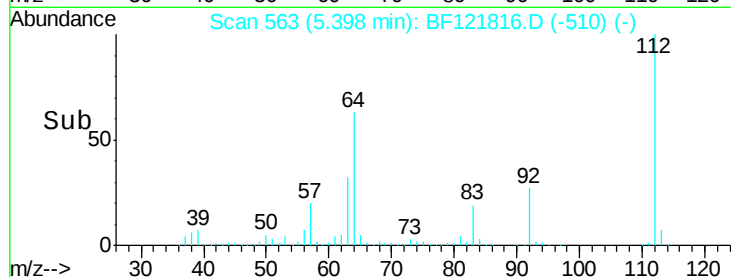
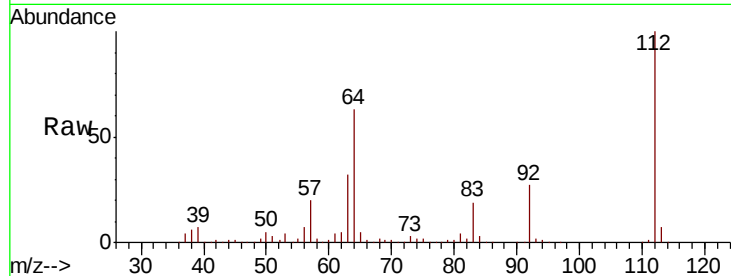
#5
2-Fluorophenol
Concen: 112.085 ng
RT: 5.40 min Scan# 563
Delta R.T. 0.01 min
Lab File: BF121816.D
Acq: 5 Oct 2020 13:43

Instrument :
BNA_F
ClientSampleId :
PB-2020-WS-000-01MSD

Tot Ion	Ratio	Resp Lower	Upper
112	100		
64	62.8	50.4	75.6
63	32.1	25.8	38.6

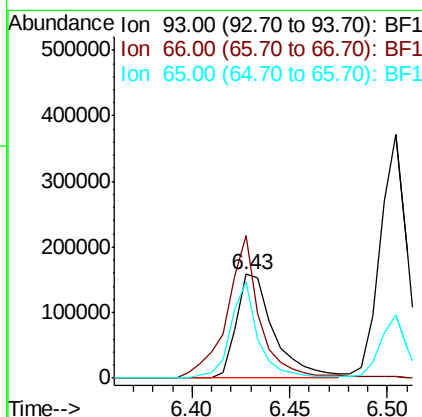
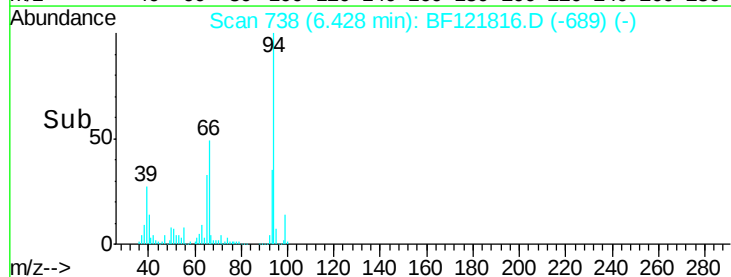
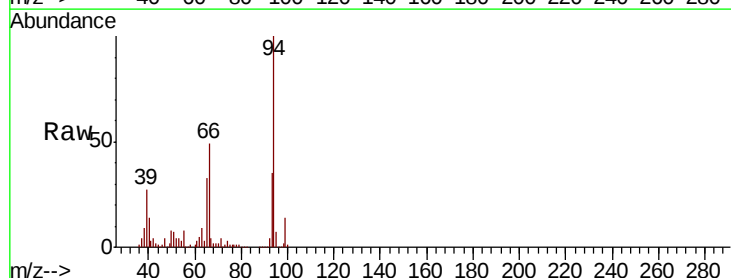
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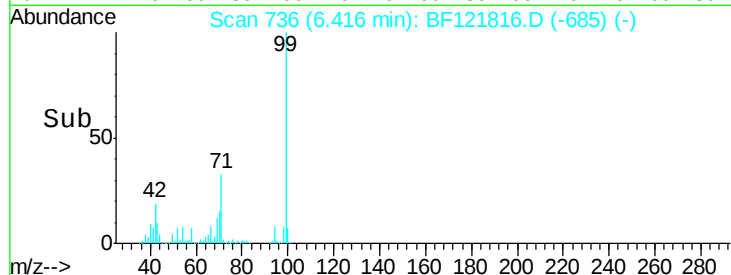
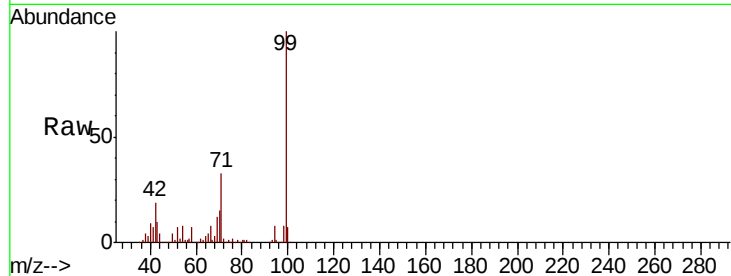
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#6
Aniline
Concen: 17.848 ng
RT: 6.43 min Scan# 738
Delta R.T. -0.01 min
Lab File: BF121816.D
Acq: 5 Oct 2020 13:43

Tgt Ion	Ratio	Resp Lower	Upper
93	100		
66	138.0	32.7	49.1#
65	93.2	16.6	24.8#





#7

Phenol-d6

Concen: 100.371 ng

RT: 6.42 min Scan# 736

Delta R.T. 0.00 min

Lab File: BF121816.D

Acq: 5 Oct 2020 13:43

Tot Ion:	99	Resp:	915327
Ion Ratio	Lower	Upper	
99	100		
42	19.4	15.9	23.9
71	32.9	27.1	40.7

Instrument :

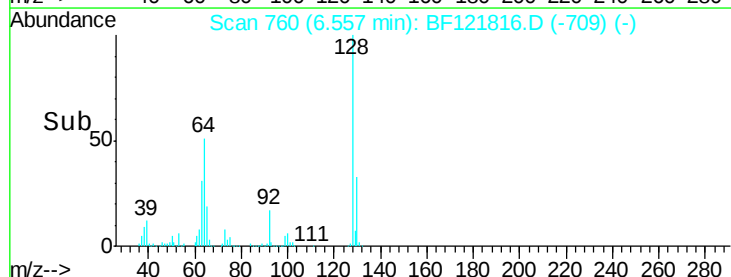
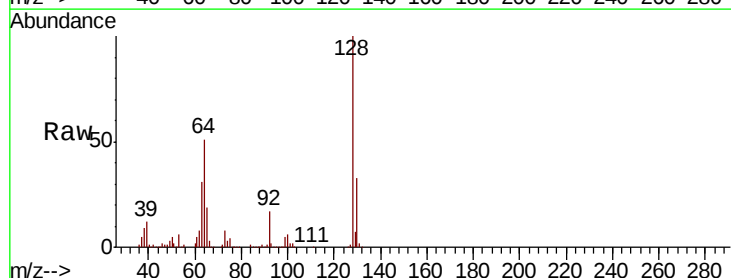
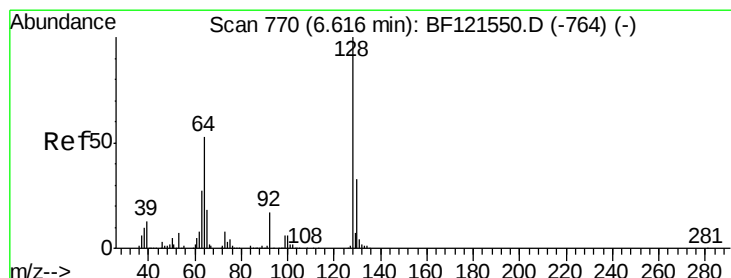
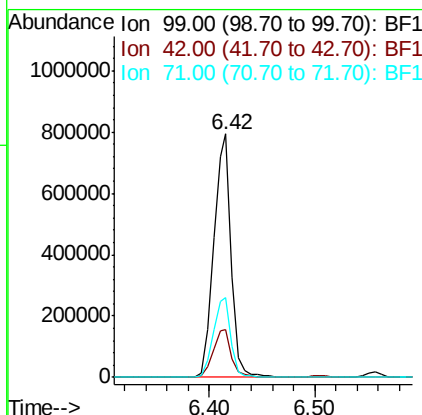
BNA_F

ClientSampleId :

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#8

2-Chlorophenol

Concen: 47.174 ng

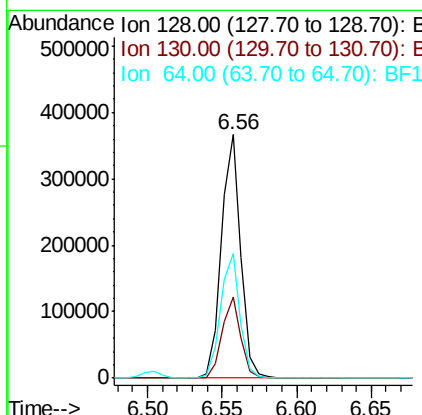
RT: 6.56 min Scan# 760

Delta R.T. 0.00 min

Lab File: BF121816.D

Acq: 5 Oct 2020 13:43

Tgt Ion:	128	Resp:	333859
Ion Ratio	Lower	Upper	
128	100		
130	33.2	12.4	52.4
64	51.0	34.8	74.8





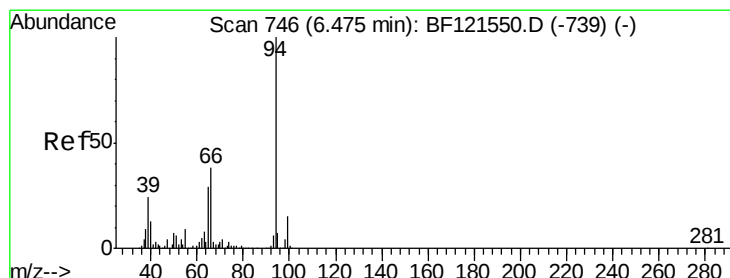
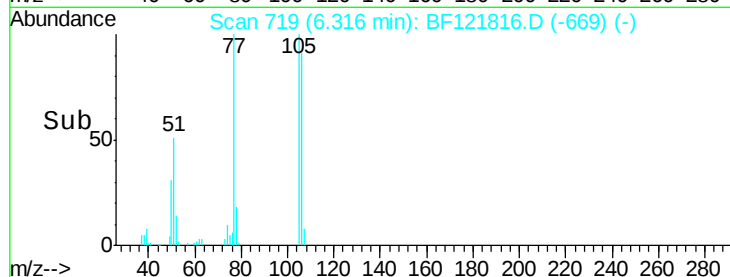
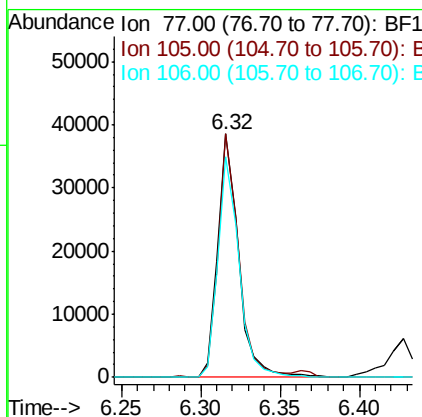
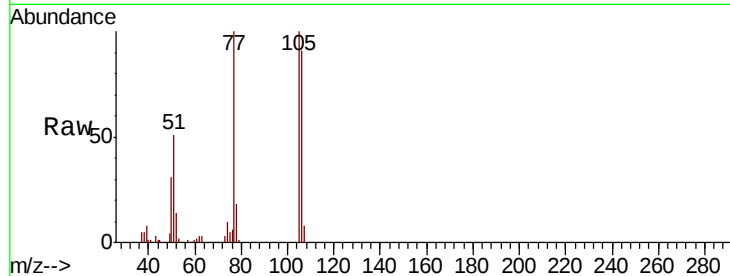
#9
Benzaldehyde
Concen: 5.940 ng
RT: 6.32 min Scan# 719
Delta R.T. -0.01 min
Lab File: BF121816.D
Acq: 5 Oct 2020 13:43

Instrument :
BNA_F
ClientSampleId :
PB-2020-WS-000-01MSD

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
105	100.1	76.7	116.7	
106	90.8	71.3	111.3	

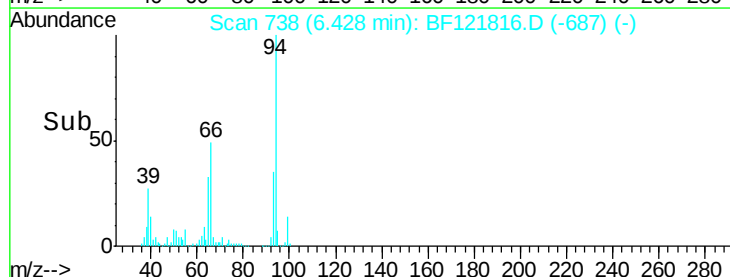
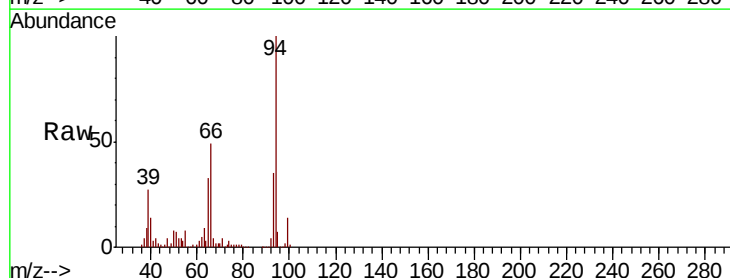
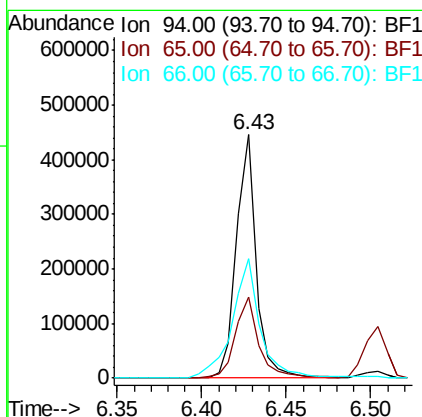
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#10
Phenol
Concen: 37.411 ng
RT: 6.43 min Scan# 738
Delta R.T. 0.00 min
Lab File: BF121816.D
Acq: 5 Oct 2020 13:43

Tgt Ion	Ion	Ratio	Lower	Upper
94	100			
65	33.1	17.1	57.1	
66	48.9	36.0	76.0	





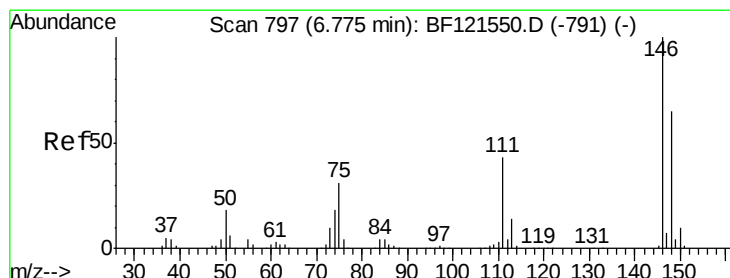
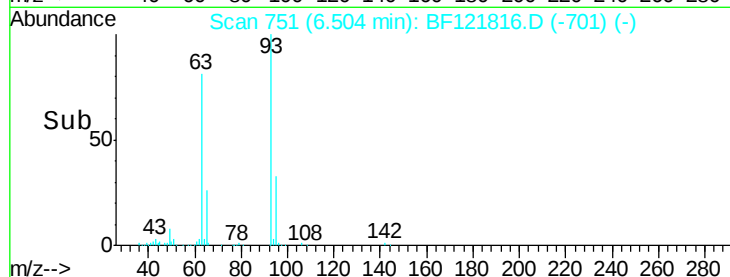
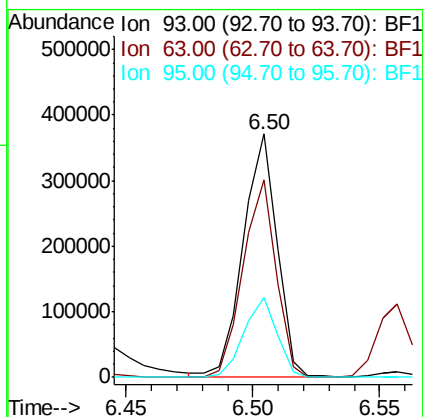
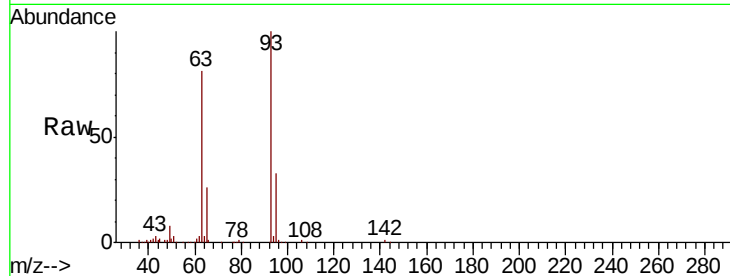
#11
bis(2-Chloroethyl)ether
Concen: 46.887 ng
RT: 6.50 min Scan# 751
Delta R.T. -0.01 min
Lab File: BF121816.D
Acq: 5 Oct 2020 13:43

Instrument :
BNA_F
ClientSampleId :
PB-2020-WS-000-01MSD

Tot Ion	Ratio	Lower	Upper
93	100		
63	81.0	62.4	102.4
95	32.9	12.6	52.6

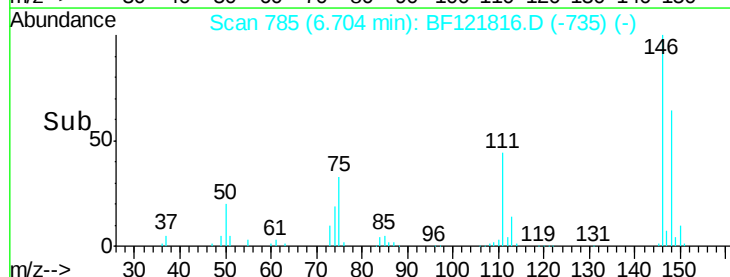
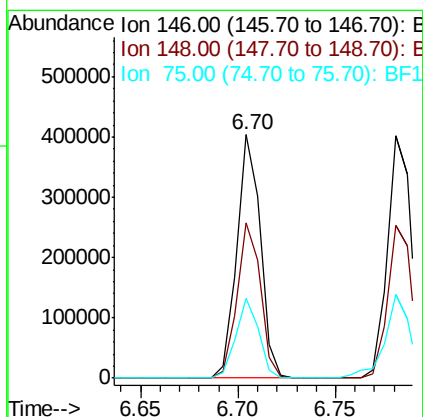
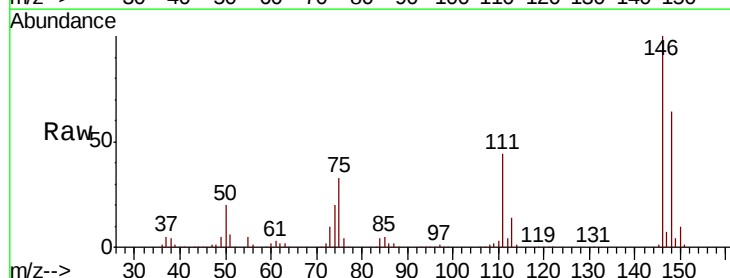
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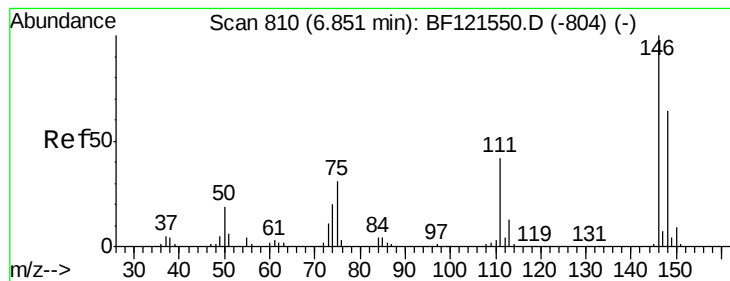
mohammad
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#12
1,3-Dichlorobenzene
Concen: 42.645 ng
RT: 6.70 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF121816.D
Acq: 5 Oct 2020 13:43

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.8	51.0	76.4
75	32.9	27.6	41.4





#13

1,4-Dichlorobenzene

Concen: 43.050 ng

RT: 6.78 min Scan# 798

Delta R.T. -0.01 min

Lab File: BF121816.D

Acq: 5 Oct 2020 13:43

Instrument :

BNA_F

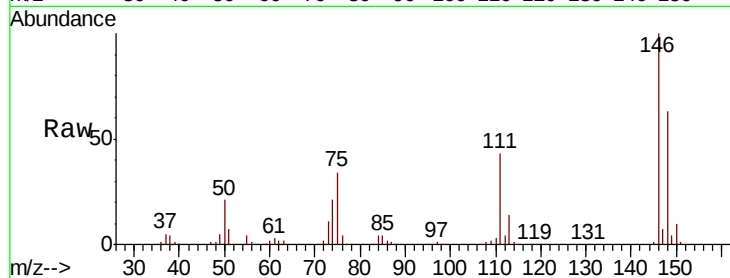
ClientSampleId :

PB-2020-WS-000-01MSD

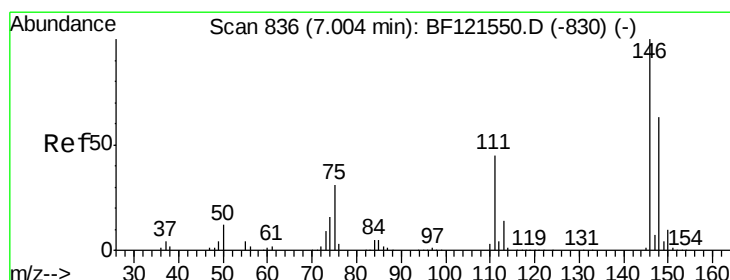
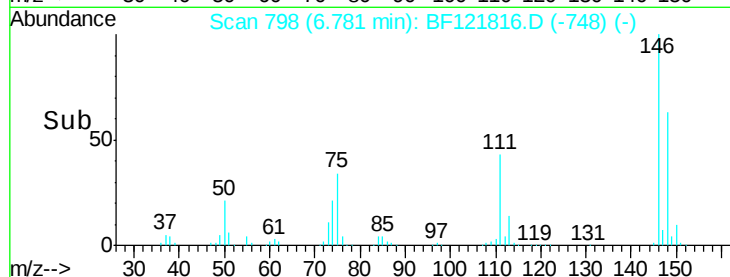
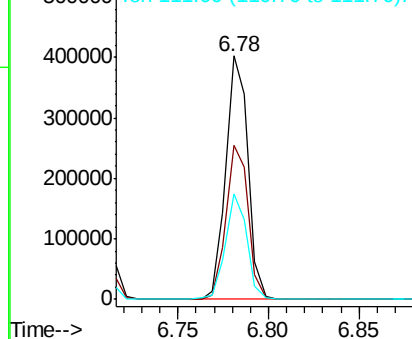
Tot Ion:	146	Resp:	341459
Ion Ratio	Lower	Upper	
146	100		
148	63.1	50.1	75.1
111	43.5	34.6	52.0

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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



#14

1,2-Dichlorobenzene

Concen: 44.223 ng

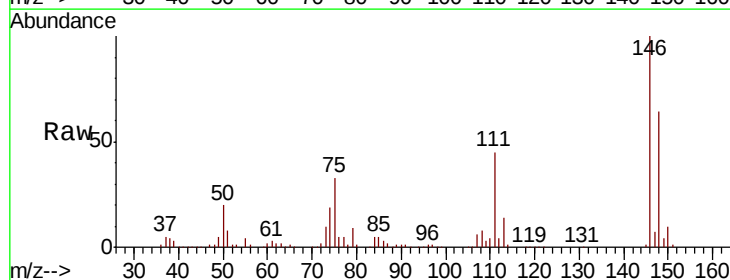
RT: 6.93 min Scan# 824

Delta R.T. -0.01 min

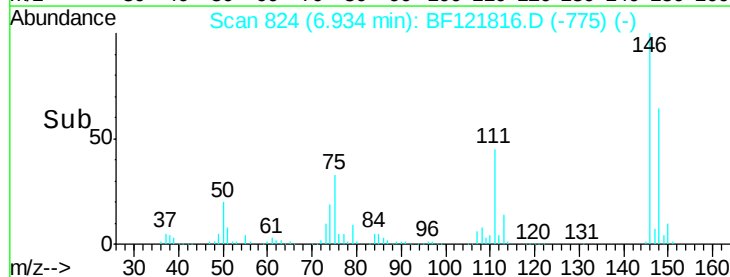
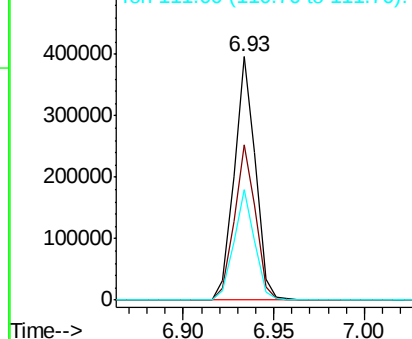
Lab File: BF121816.D

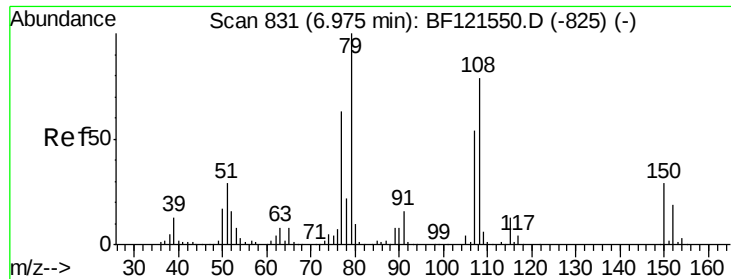
Acq: 5 Oct 2020 13:43

Tgt Ion:	146	Resp:	323126
Ion Ratio	Lower	Upper	
146	100		
148	63.7	51.1	76.7
111	45.2	34.2	51.4



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





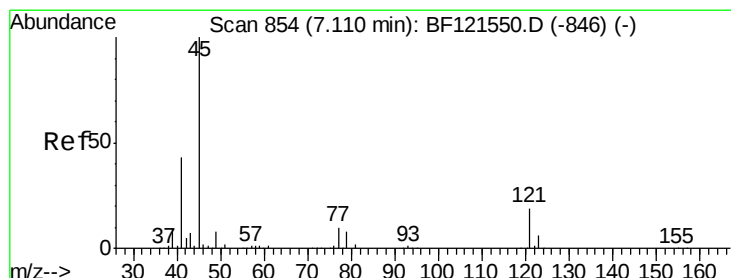
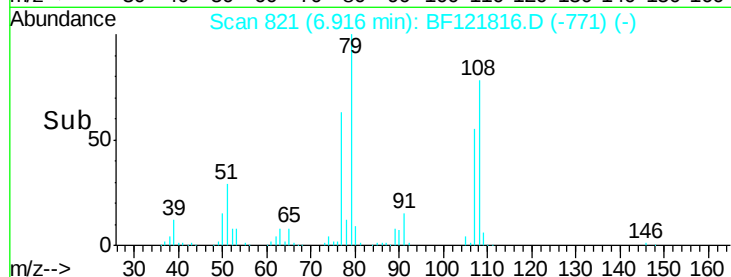
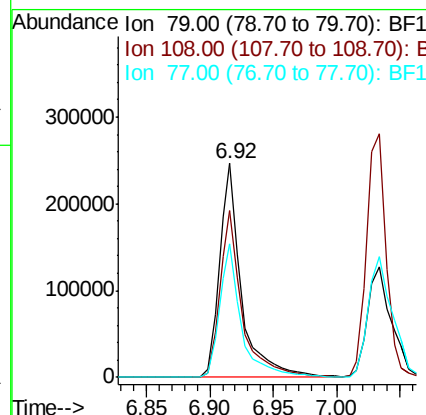
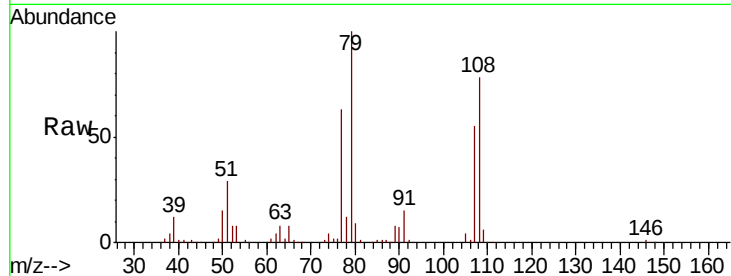
#15
Benzyl Alcohol
Concen: 48.301 ng
RT: 6.92 min Scan# 821
Delta R.T. -0.01 min
Lab File: BF121816.D
Acq: 5 Oct 2020 13:43

Instrument :
BNA_F
ClientSampleId :
PB-2020-WS-000-01MSD

Tot Ion	Ratio	Lower	Upper
79	100		
108	78.2	62.3	93.5
77	62.7	50.6	75.8

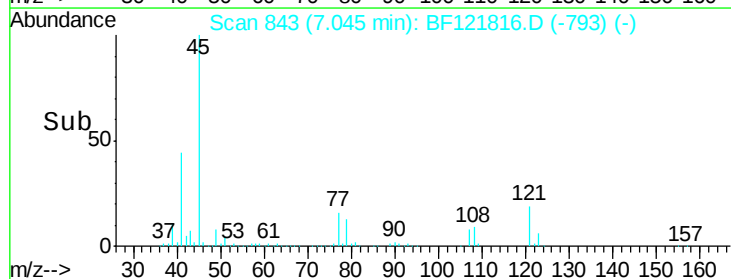
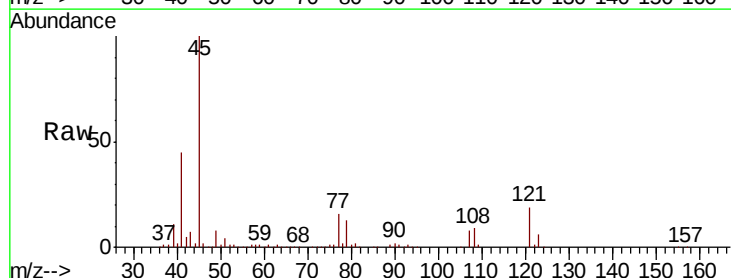
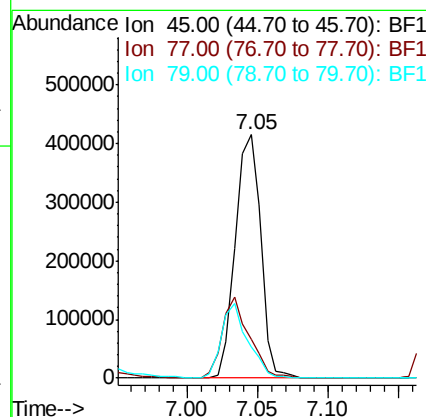
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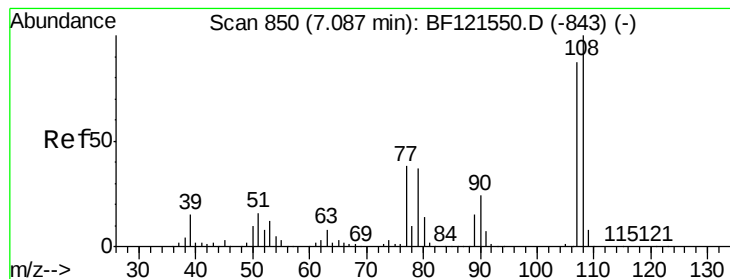
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 44.199 ng
RT: 7.05 min Scan# 843
Delta R.T. -0.01 min
Lab File: BF121816.D
Acq: 5 Oct 2020 13:43

Tgt Ion	Ratio	Lower	Upper
45	100		
77	15.9	0.0	33.3
79	12.9	0.0	30.4





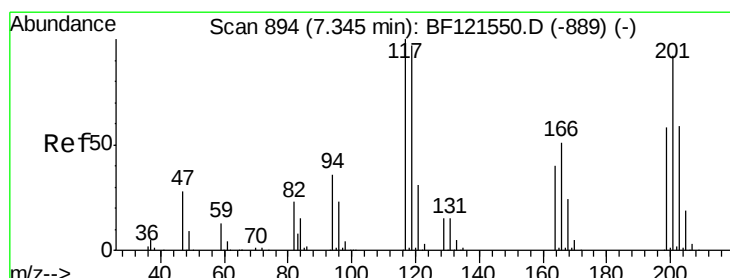
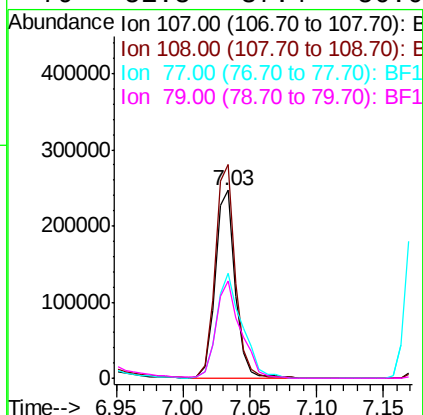
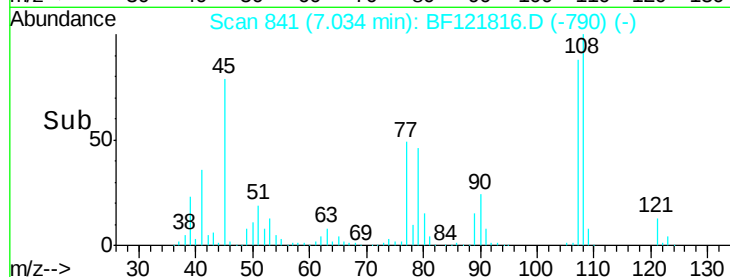
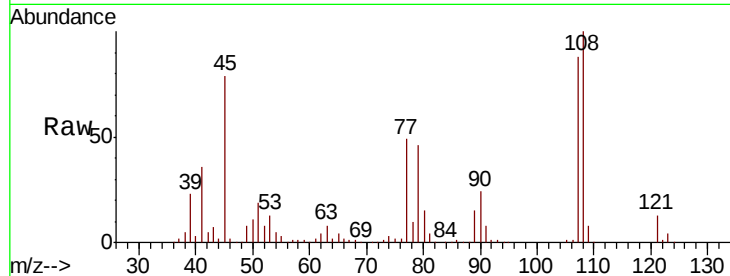
#17
2-Methylphenol
Concen: 43.379 ng
RT: 7.03 min Scan# 841
Delta R.T. 0.00 min
Lab File: BF121816.D
Acq: 5 Oct 2020 13:43

Instrument :
BNA_F
ClientSampleId :
PB-2020-WS-000-01MSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100	261219		
108	113.6	90.9	136.3	
77	56.2	37.5	56.3	
79	51.8	37.4	56.0	

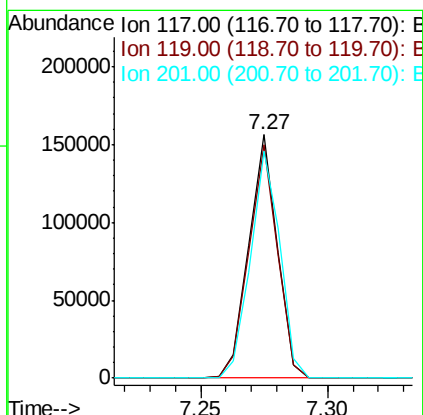
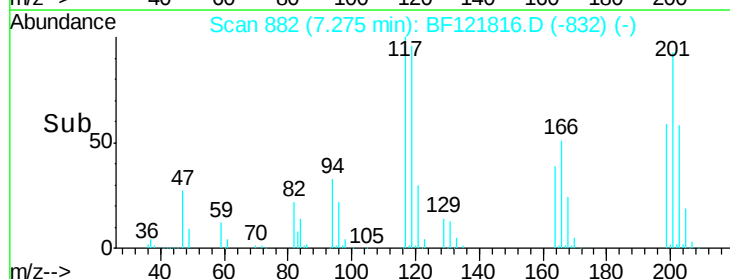
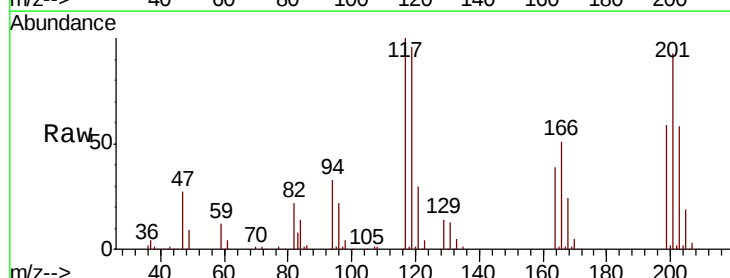
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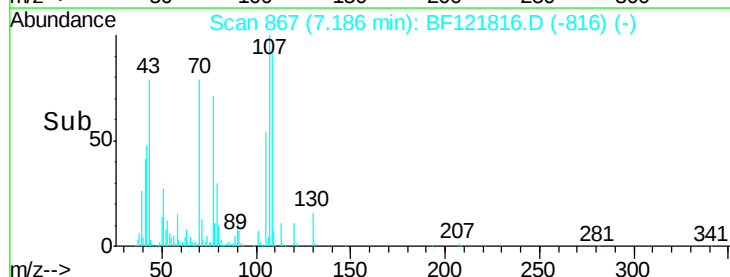
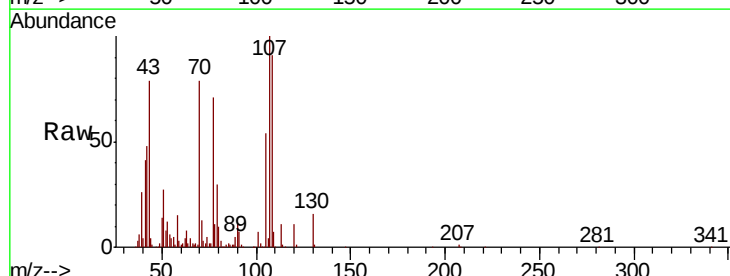
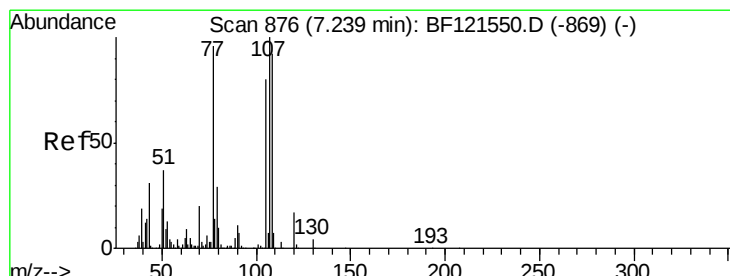
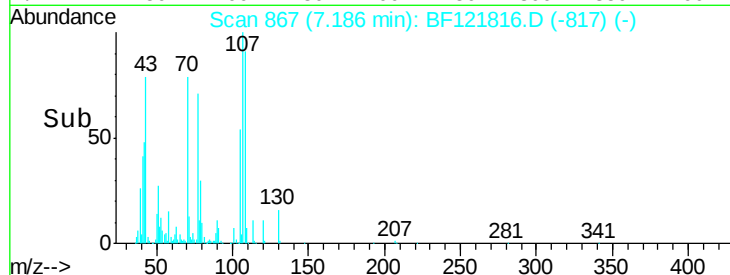
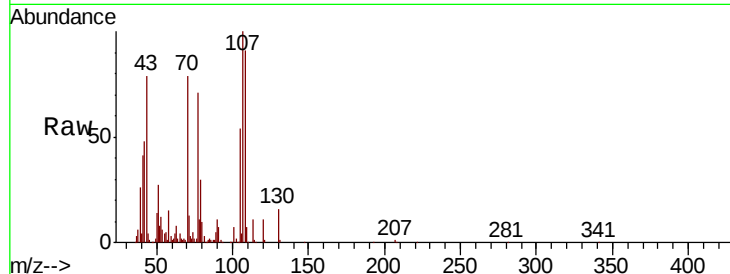
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#18
Hexachloroethane
Concen: 43.119 ng
RT: 7.27 min Scan# 882
Delta R.T. -0.01 min
Lab File: BF121816.D
Acq: 5 Oct 2020 13:43

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	122458		
119	95.8	76.3	114.5	
201	93.1	71.8	107.6	





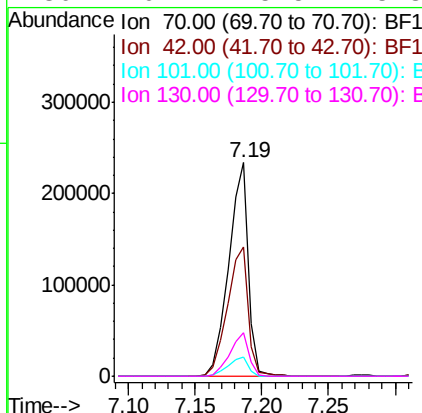
#19
n-Nitroso-di-n-propylamine
Concen: 46.053 ng
RT: 7.19 min Scan# 867
Delta R.T. -0.01 min
Lab File: BF121816.D
Acq: 5 Oct 2020 13:43

Instrument :
BNA_F
ClientSampleId :
PB-2020-WS-000-01MSD

Tot Ion	Ratio	Lower	Upper
70	100		
42	60.5	50.2	75.4
101	9.3	7.5	11.3
130	20.2	15.5	23.3

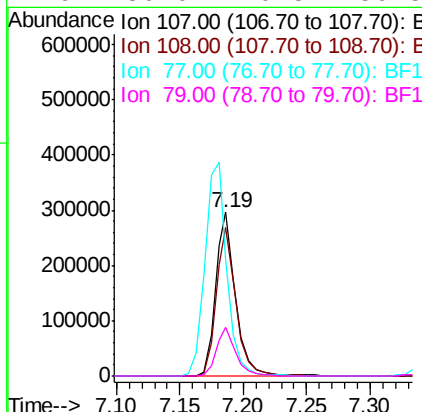
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#20
3+4-Methylphenols
Concen: 45.004 ng
RT: 7.19 min Scan# 867
Delta R.T. 0.00 min
Lab File: BF121816.D
Acq: 5 Oct 2020 13:43

Tgt Ion	Ratio	Lower	Upper
107	100		
108	90.5	68.9	108.9
77	71.1	108.0	148.0
79	30.0	10.5	50.5





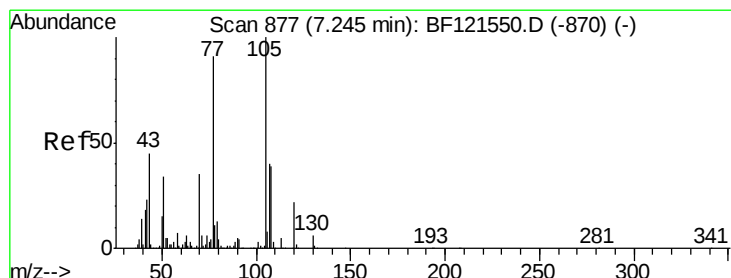
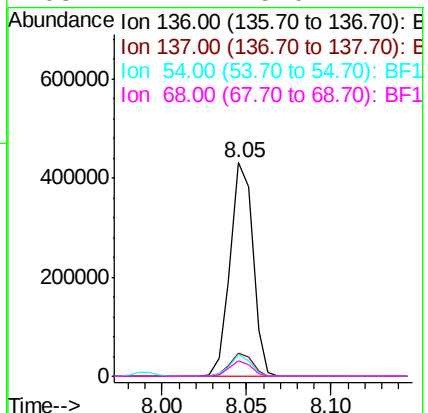
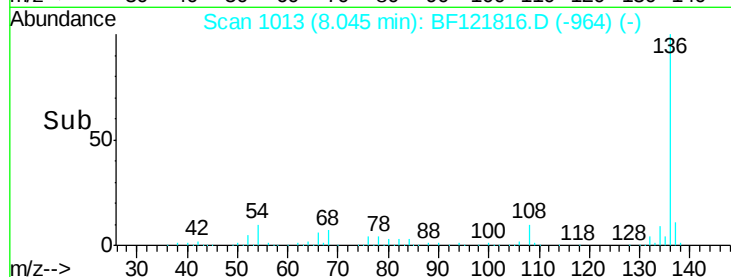
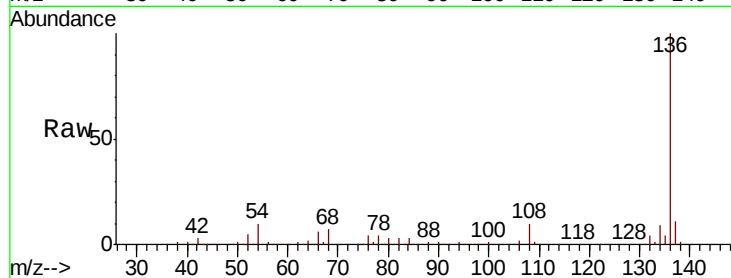
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.05 min Scan# 1013
Delta R.T. -0.01 min
Lab File: BF121816.D
Acq: 5 Oct 2020 13:43

Instrument :
BNA_F
ClientSampleId :
PB-2020-WS-000-01MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		403573		
137	11.1	8.6	13.0		
54	10.1	7.1	10.7		
68	7.1	5.0	7.4		

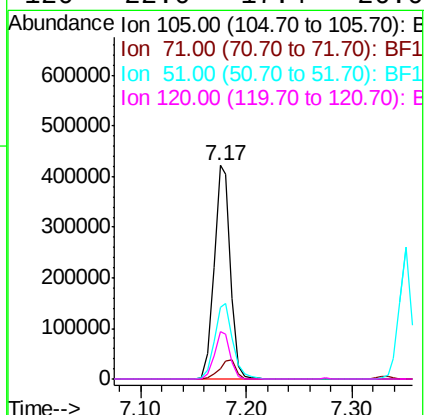
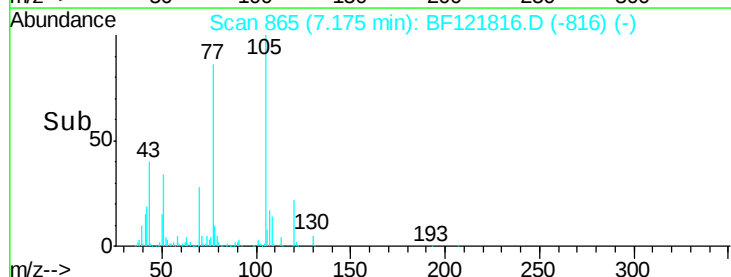
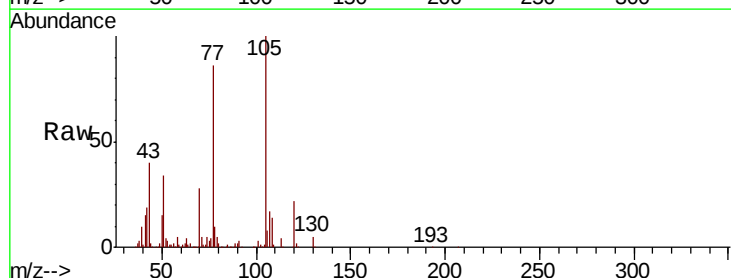
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#22
Acetophenone
Concen: 44.809 ng
RT: 7.17 min Scan# 865
Delta R.T. -0.01 min
Lab File: BF121816.D
Acq: 5 Oct 2020 13:43

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		458812		
71	4.8	5.3	7.9#		
51	33.8	33.2	49.8		
120	22.0	17.4	26.0		





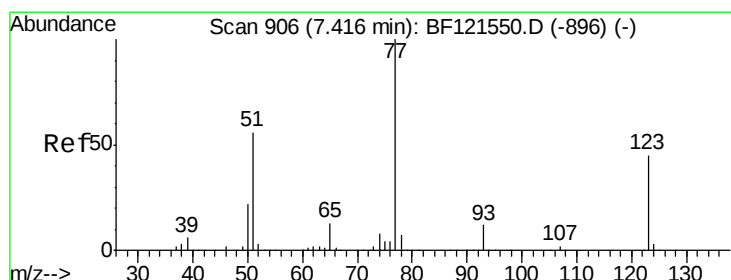
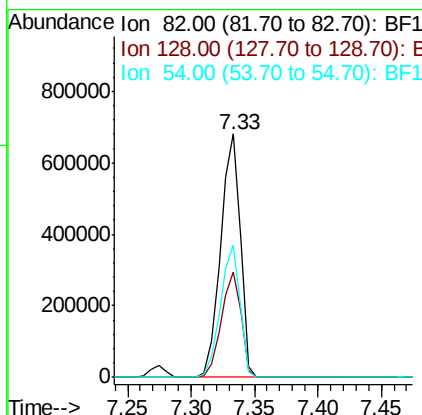
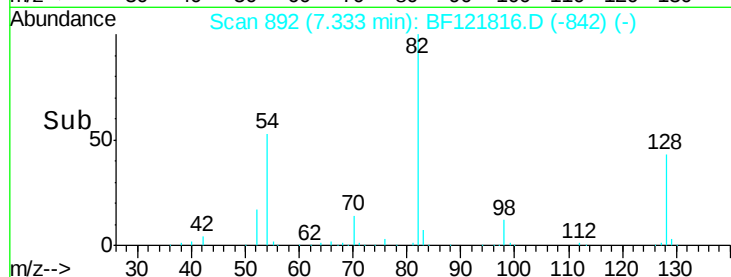
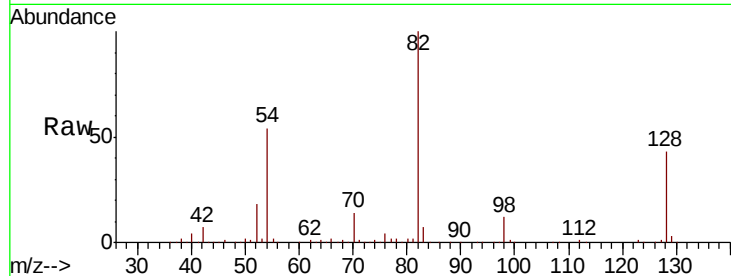
#23
Nitrobenzene-d5
Concen: 97.902 ng
RT: 7.33 min Scan# 892
Delta R.T. -0.01 min
Lab File: BF121816.D
Acq: 5 Oct 2020 13:43

Instrument :
BNA_F
ClientSampleId :
PB-2020-WS-000-01MSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	43.3	35.0	52.4
54	54.1	43.9	65.9

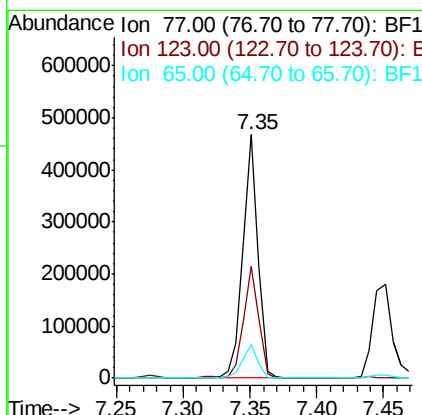
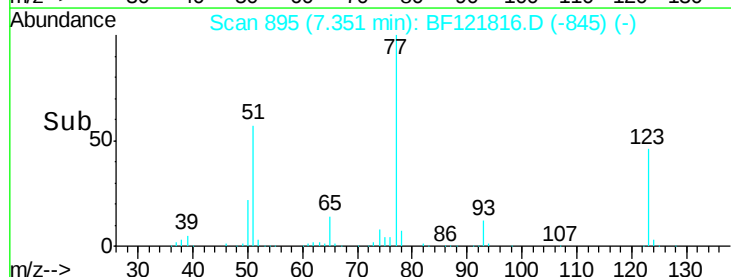
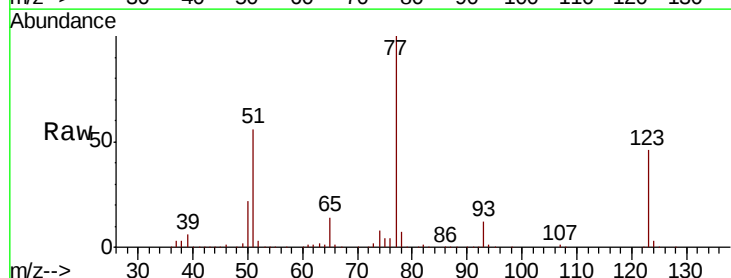
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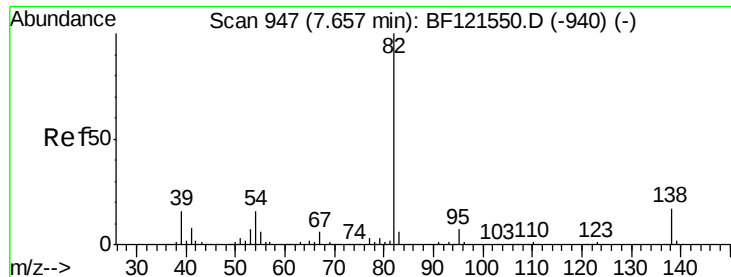
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#24
Nitrobenzene
Concen: 45.240 ng
RT: 7.35 min Scan# 895
Delta R.T. -0.01 min
Lab File: BF121816.D
Acq: 5 Oct 2020 13:43

Tgt Ion	Ratio	Lower	Upper
77	100		
123	45.7	35.6	53.4
65	13.9	11.2	16.8





#25

Isophorone

Concen: 44.241 ng

RT: 7.59 min Scan# 936

Delta R.T. -0.01 min

Lab File: BF121816.D

Acq: 5 Oct 2020 13:43

Instrument :

BNA_F

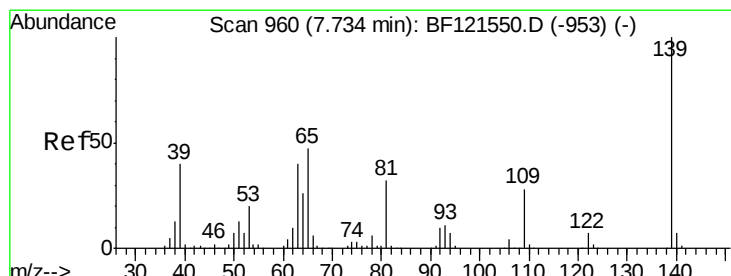
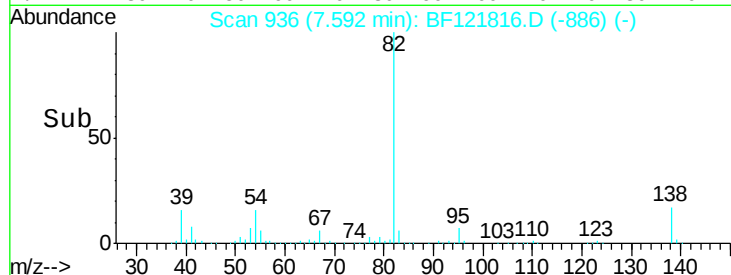
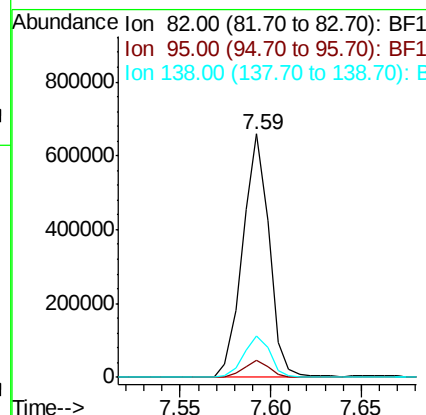
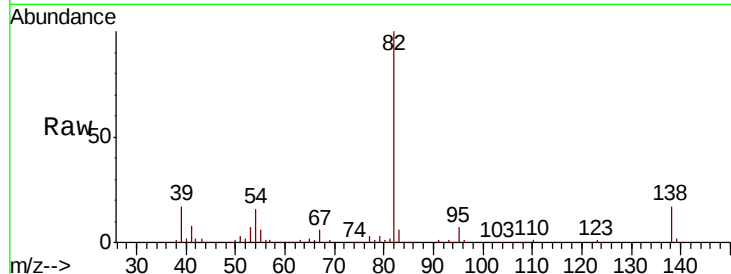
ClientSampleId :

PB-2020-WS-000-01MSD

Tot Ion:	82	Resp:	669398
Ion Ratio	Lower	Upper	
82	100		
95	6.8	5.4	8.0
138	17.0	13.4	20.0

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#26

2-Nitrophenol

Concen: 46.100 ng

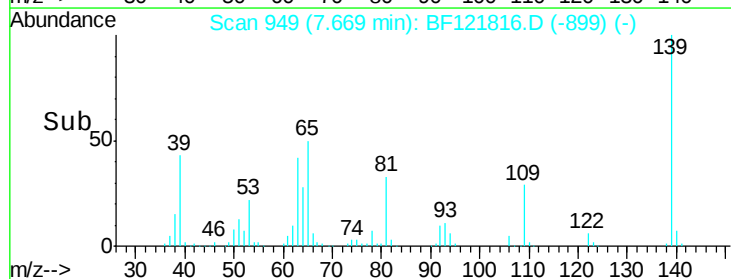
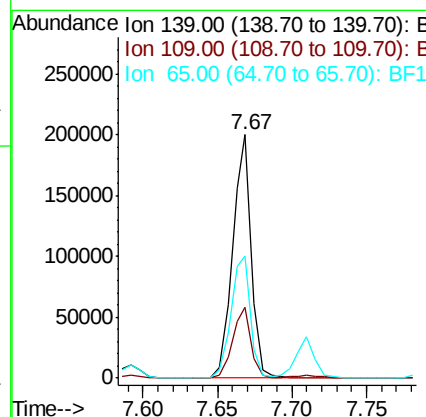
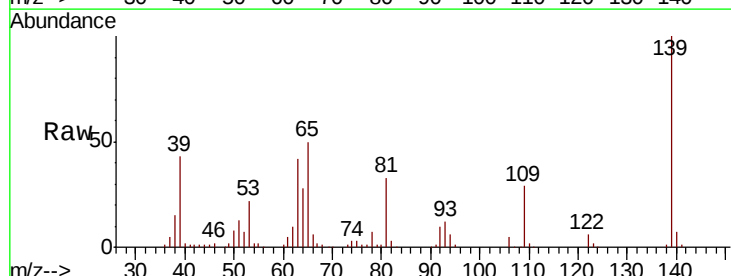
RT: 7.67 min Scan# 949

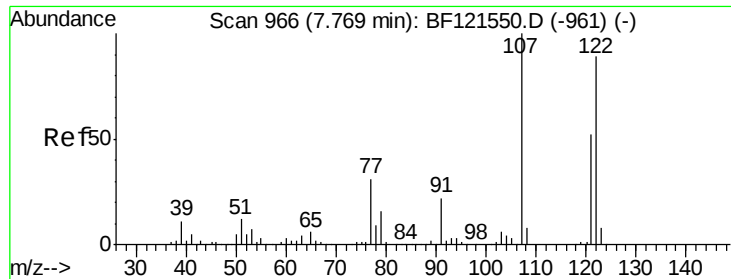
Delta R.T. -0.01 min

Lab File: BF121816.D

Acq: 5 Oct 2020 13:43

Tgt Ion:	139	Resp:	176020
Ion Ratio	Lower	Upper	
139	100		
109	29.0	23.0	34.4
65	50.0	39.9	59.9





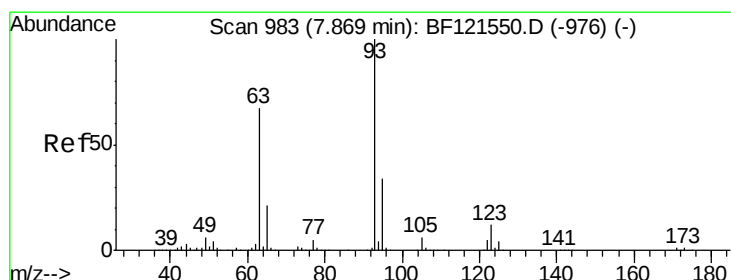
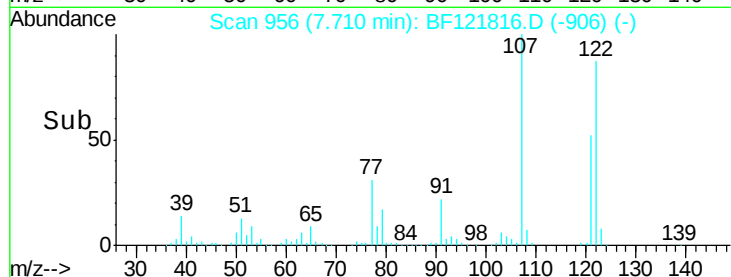
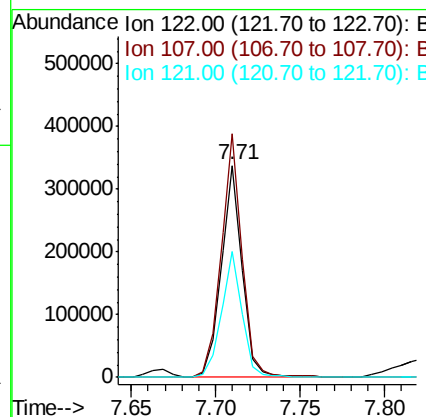
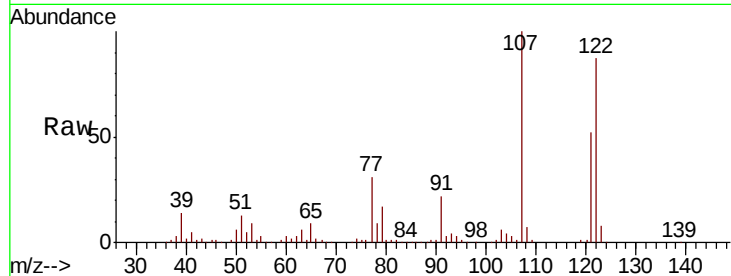
#27
2,4-Dimethylphenol
Concen: 43.514 ng
RT: 7.71 min Scan# 956
Delta R.T. -0.01 min
Lab File: BF121816.D
Acq: 5 Oct 2020 13:43

Instrument :
BNA_F
ClientSampleId :
PB-2020-WS-000-01MSD

Tot Ion	Ratio	Resp	Lower	Upper
122	100	293896		
107	114.8	90.8	136.2	
121	59.2	47.5	71.3	

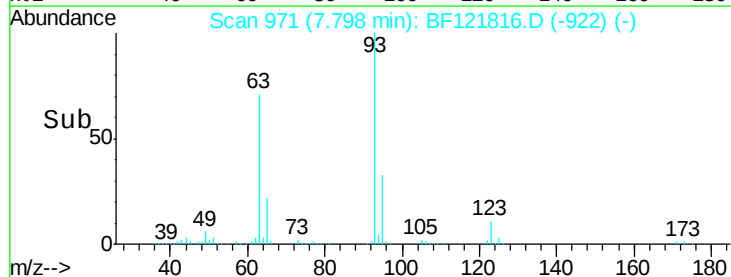
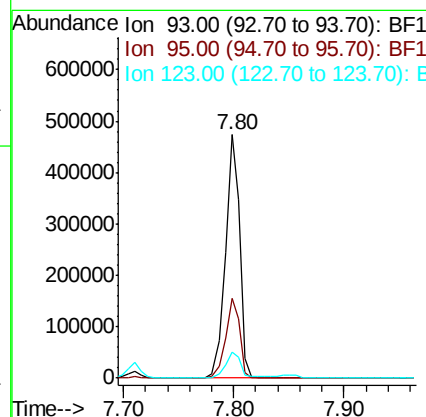
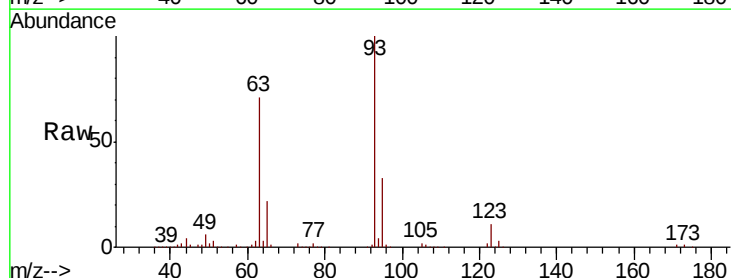
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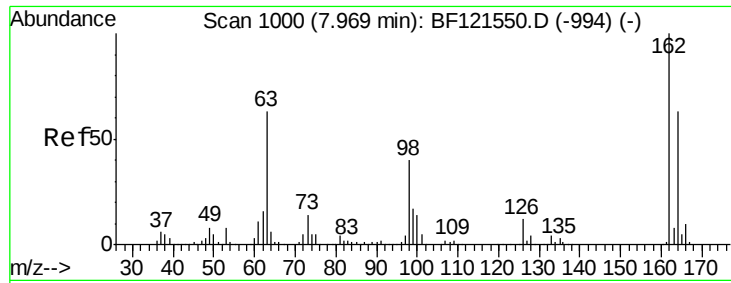
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#28
bis(2-Chloroethoxy)methane
Concen: 45.239 ng
RT: 7.80 min Scan# 971
Delta R.T. -0.01 min
Lab File: BF121816.D
Acq: 5 Oct 2020 13:43

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	423753		
95	32.8	26.2	39.4	
123	10.9	8.8	13.2	





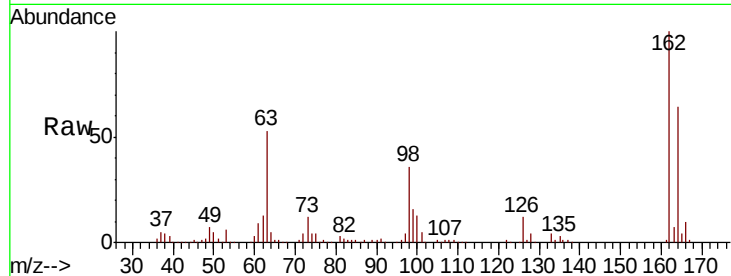
#29
 2,4-Dichlorophenol
 Concen: 45.501 ng
 RT: 7.92 min Scan# 991
 Delta R.T. 0.00 min
 Lab File: BF121816.D
 Acq: 5 Oct 2020 13:43

Instrument :
 BNA_F
 ClientSampleId :
 PB-2020-WS-000-01MSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	279904		
164	64.1	42.5	82.5	
98	35.8	20.1	60.1	

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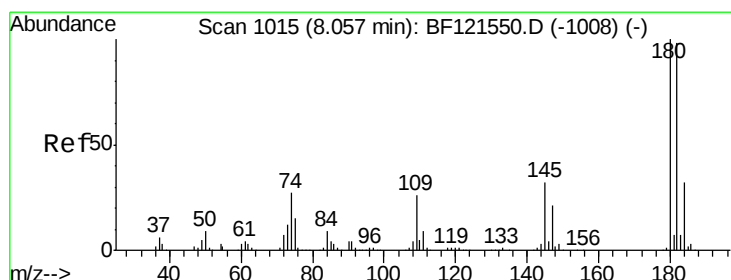
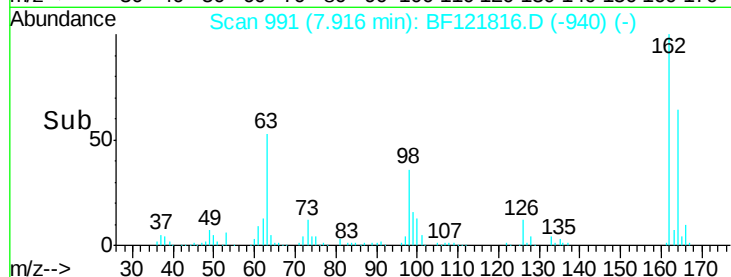
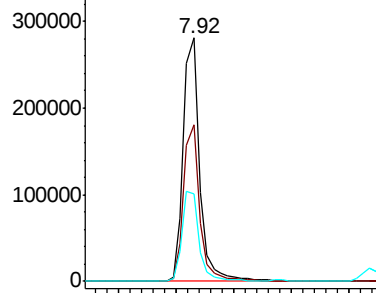


Abundance

Ion 162.00 (161.70 to 162.70): E

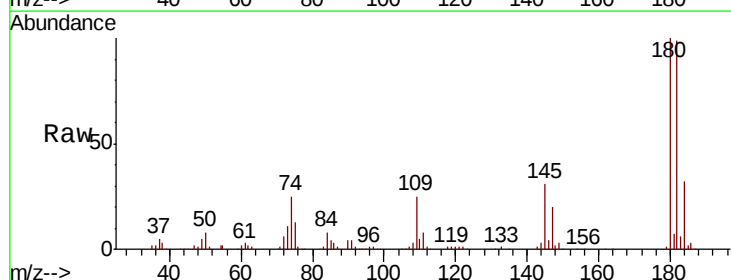
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
 1,2,4-Trichlorobenzene
 Concen: 43.698 ng
 RT: 7.99 min Scan# 1004
 Delta R.T. -0.01 min
 Lab File: BF121816.D
 Acq: 5 Oct 2020 13:43

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	283108		
182	99.3	79.4	119.2	
145	31.1	25.5	38.3	

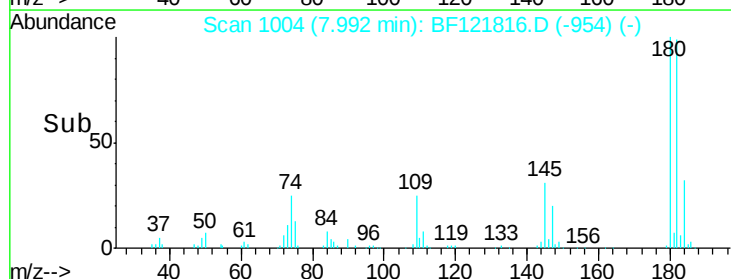
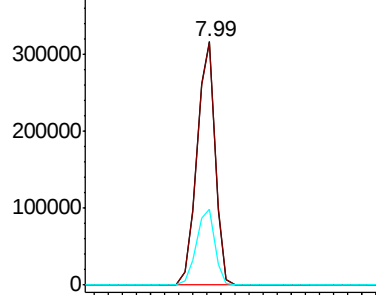


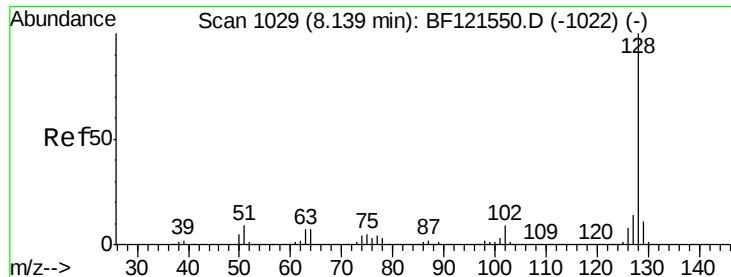
Abundance

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





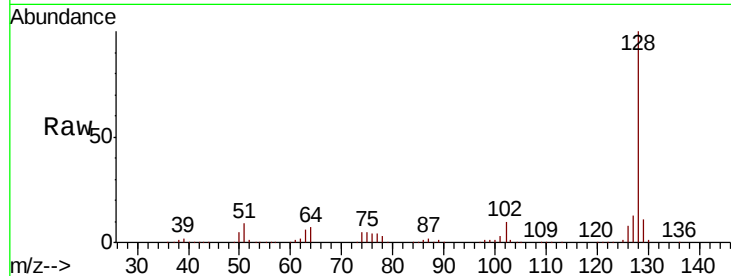
#31
Naphthalene
Concen: 44.116 ng
RT: 8.07 min Scan# 1017
Delta R.T. -0.01 min
Lab File: BF121816.D
Acq: 5 Oct 2020 13:43

Instrument :
BNA_F
ClientSampleId :
PB-2020-WS-000-01MSD

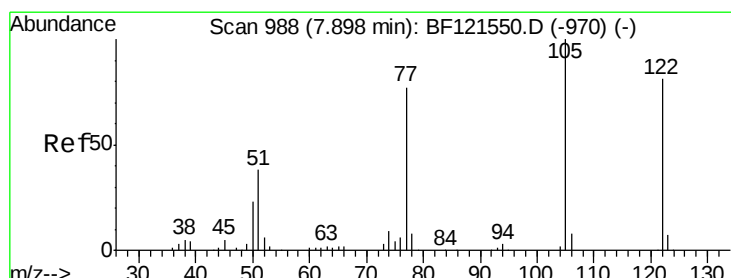
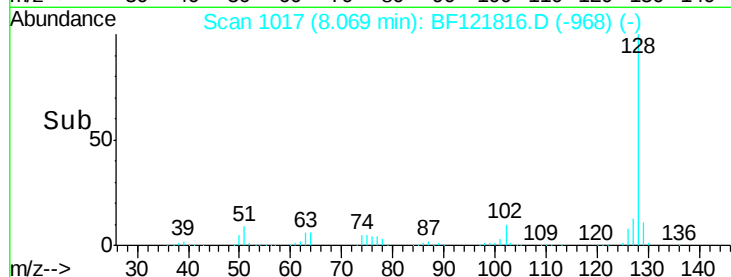
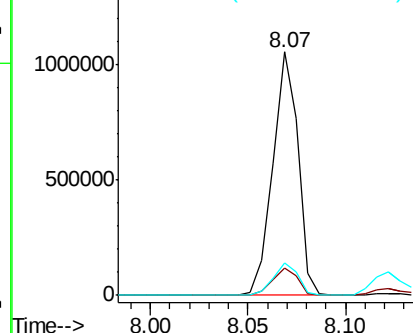
Tot Ion	Ratio	Lower	Upper
128	100		
129	11.3	8.7	13.1
127	13.4	10.8	16.2

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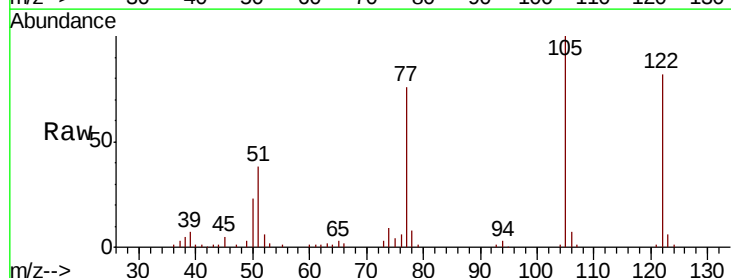


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

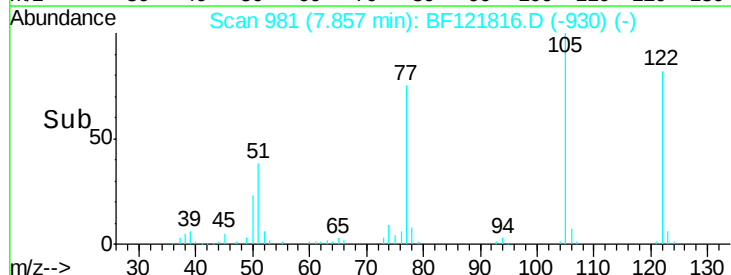
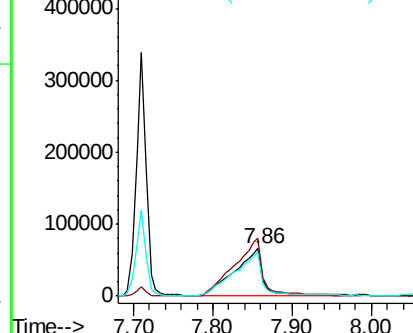


#32
Benzoic acid
Concen: 34.427 ng
RT: 7.86 min Scan# 981
Delta R.T. 0.00 min
Lab File: BF121816.D
Acq: 5 Oct 2020 13:43

Tgt Ion	Ratio	Lower	Upper
122	100		
105	122.5	103.3	143.3
77	92.6	73.9	113.9



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





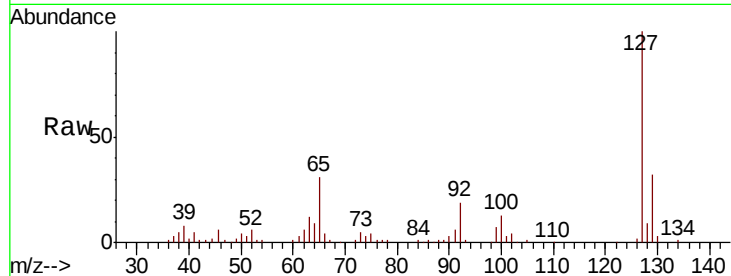
#33
4-Chloroaniline
Concen: 14.902 ng
RT: 8.12 min Scan# 1026
Delta R.T. -0.01 min
Lab File: BF121816.D
Acq: 5 Oct 2020 13:43

Instrument :
BNA_F
ClientSampleId :
PB-2020-WS-000-01MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	31.7	26.3	39.5		
65	30.6	26.2	39.2		
92	18.6	15.9	23.9		

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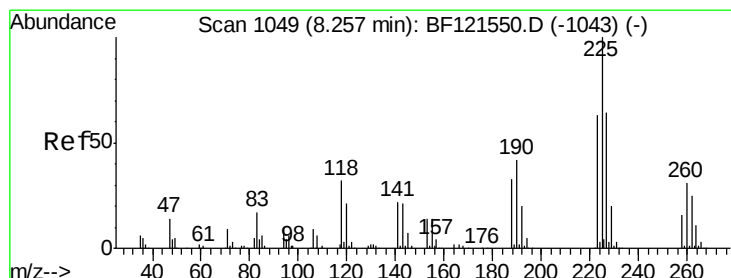
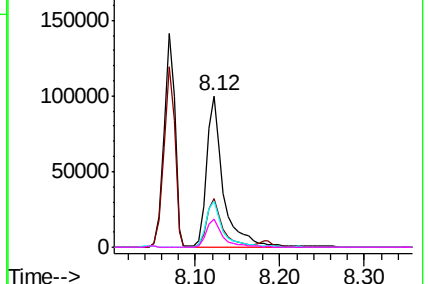
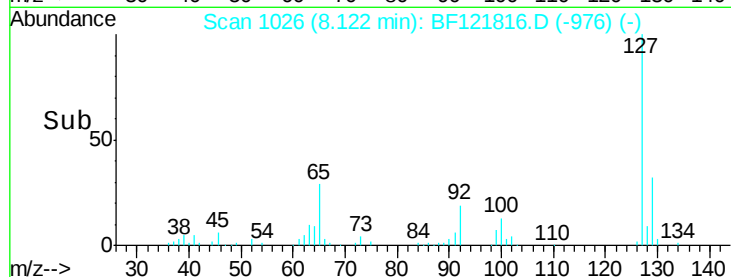
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

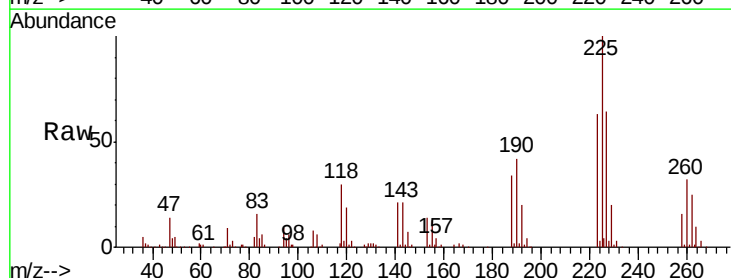
Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34
Hexachlorobutadiene
Concen: 44.367 ng
RT: 8.19 min Scan# 1037
Delta R.T. -0.01 min
Lab File: BF121816.D
Acq: 5 Oct 2020 13:43

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	63.4	51.1	76.7		
227	64.1	51.0	76.6		

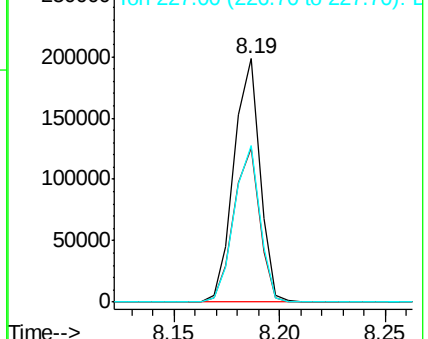
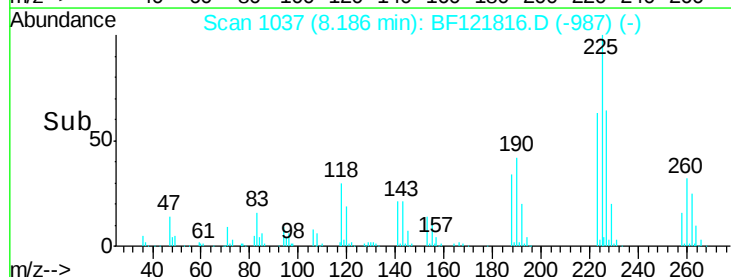


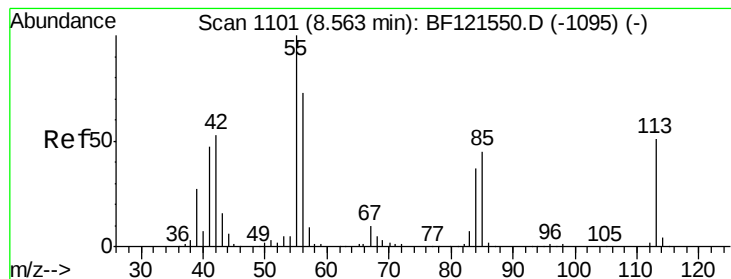
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 36.864 ng/mL

RT: 8.50 min Scan# 1091

Delta R.T. -0.01 min

Lab File: BF121816.D

Acq: 5 Oct 2020 13:43

Instrument :

BNA_F

ClientSampleId :

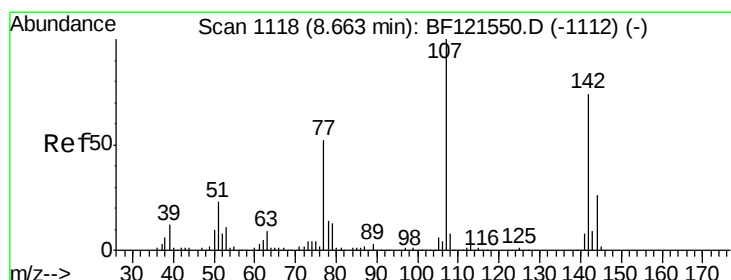
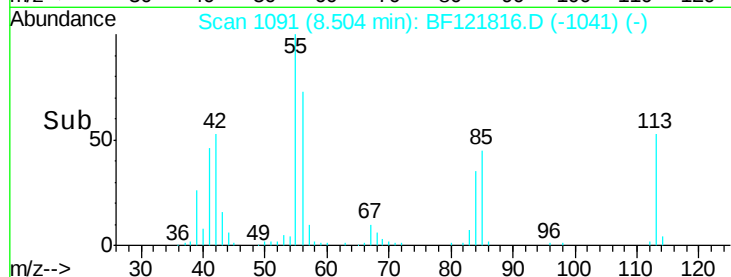
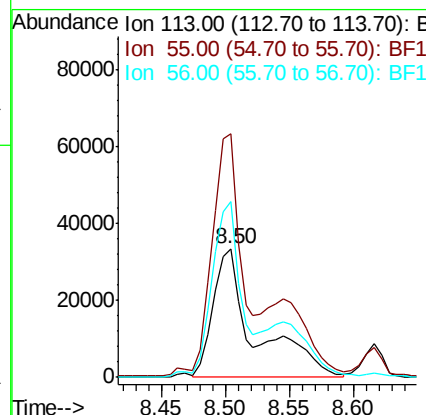
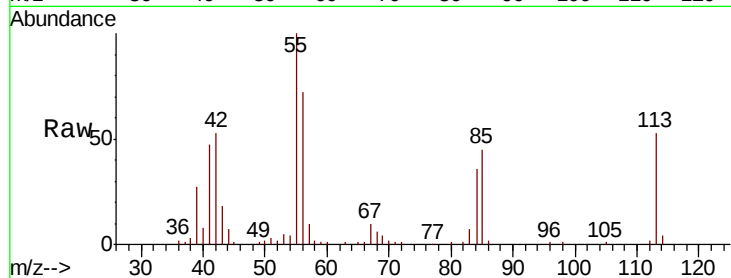
PB-2020-WS-000-01MSD

Tot Ion:113 Resp: 75518

Ion	Ratio	Lower	Upper
113	100		
55	189.2	167.5	207.5
56	137.0	121.2	161.2

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#36

4-Chloro-3-methylphenol

Concen: 45.806 ng/mL

RT: 8.62 min Scan# 1110

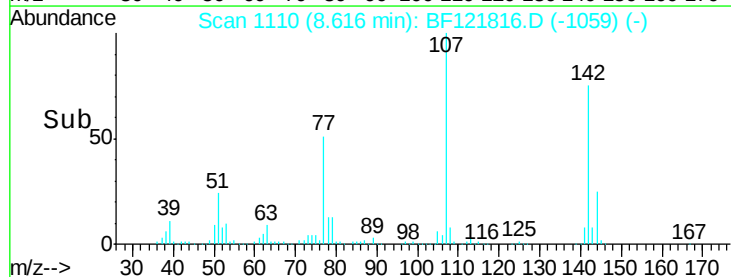
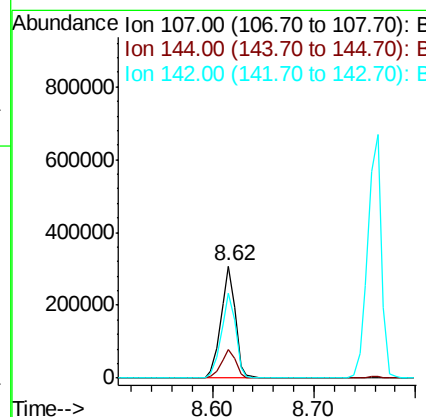
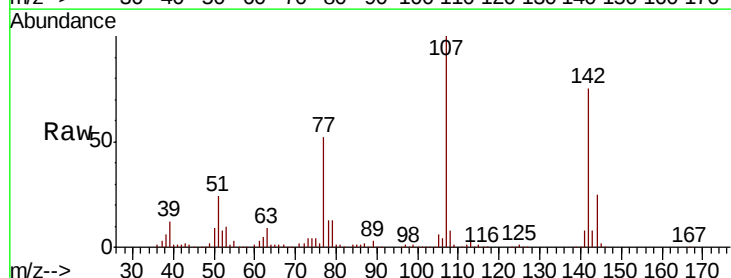
Delta R.T. 0.00 min

Lab File: BF121816.D

Acq: 5 Oct 2020 13:43

Tgt Ion:107 Resp: 303551

Ion	Ratio	Lower	Upper
107	100		
144	25.4	20.1	30.1
142	75.3	59.3	88.9





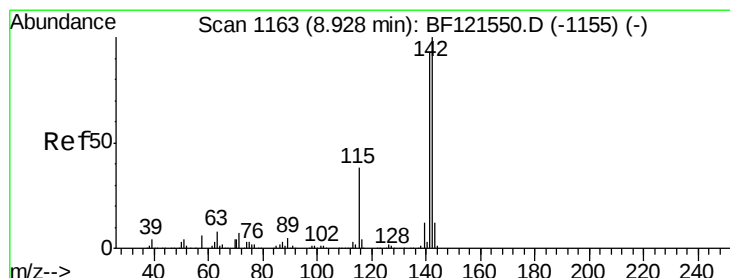
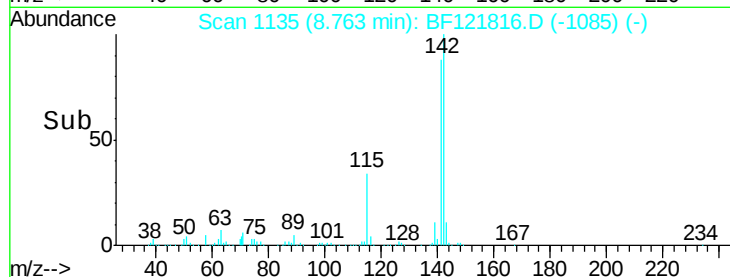
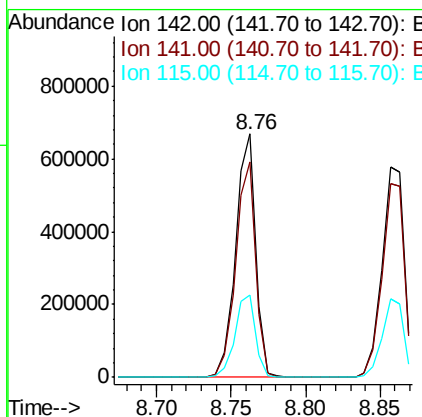
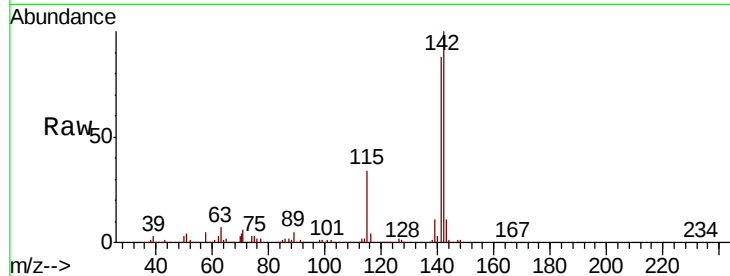
#37
2-Methylnaphthalene
Concen: 45.074 ng
RT: 8.76 min Scan# 1135
Delta R.T. -0.01 min
Lab File: BF121816.D
Acq: 5 Oct 2020 13:43

Instrument :
BNA_F
ClientSampleId :
PB-2020-WS-000-01MSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.3	70.2	105.4
115	33.8	28.6	43.0

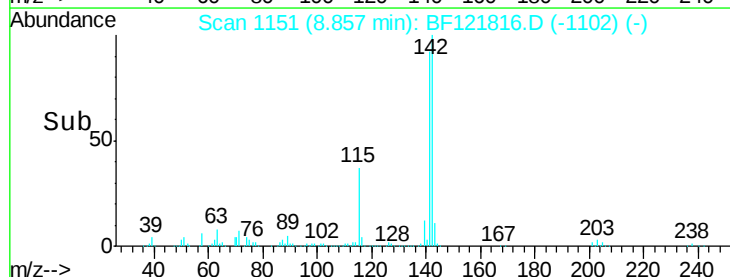
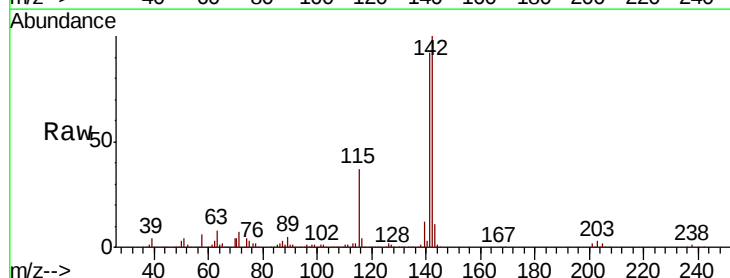
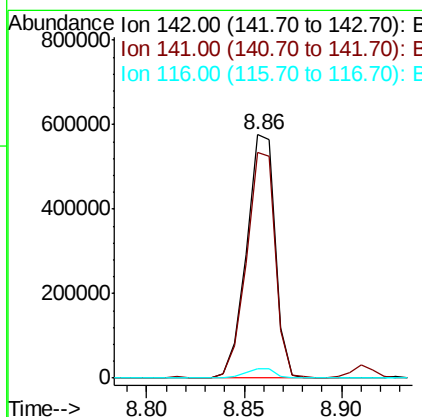
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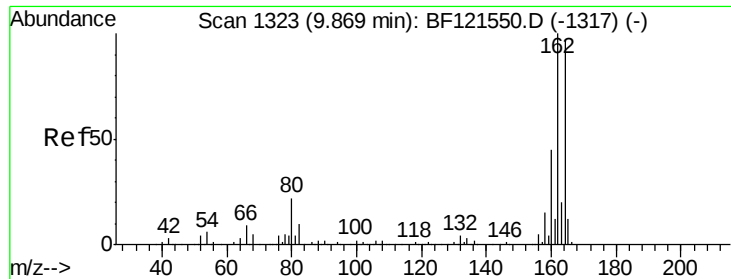
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#38
1-Methylnaphthalene
Concen: 44.936 ng
RT: 8.86 min Scan# 1151
Delta R.T. -0.01 min
Lab File: BF121816.D
Acq: 5 Oct 2020 13:43

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.5	74.5	111.7
116	3.9	3.2	4.8





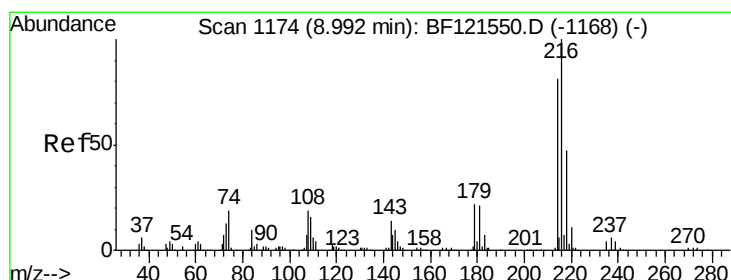
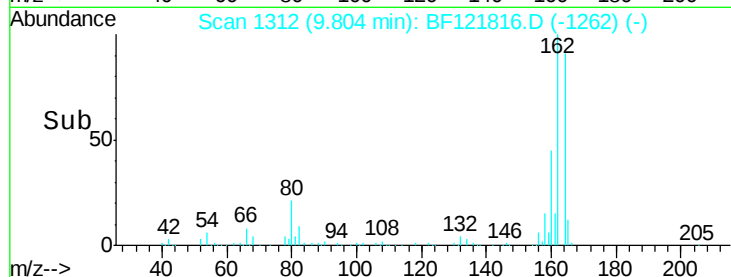
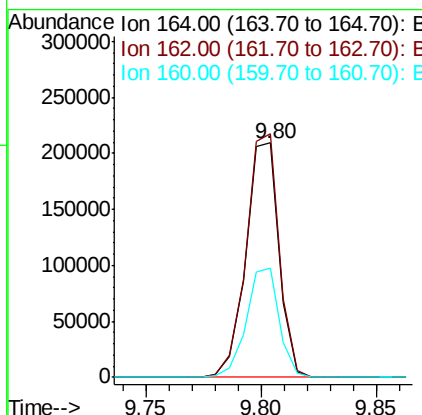
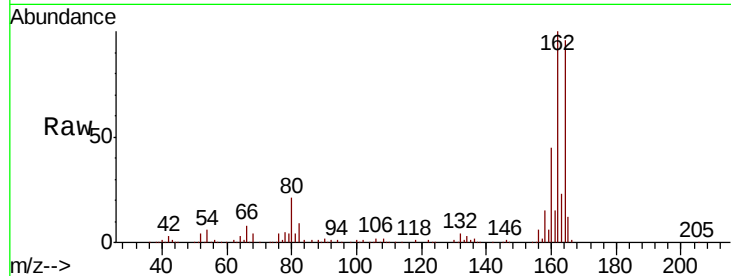
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.80 min Scan# 1312
 Delta R.T. -0.01 min
 Lab File: BF121816.D
 Acq: 5 Oct 2020 13:43

Instrument :
 BNA_F
 ClientSampleId :
 PB-2020-WS-000-01MSD

Tot Ion	Ratio	Resp	Lower	Upper
164	100	209952		
162	103.8	83.2	124.8	
160	46.5	37.5	56.3	

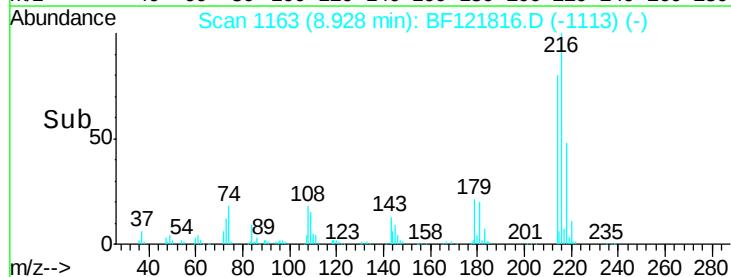
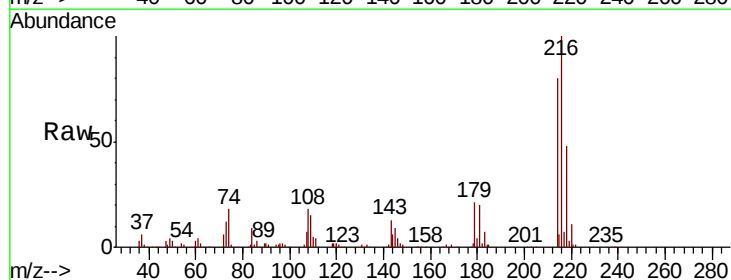
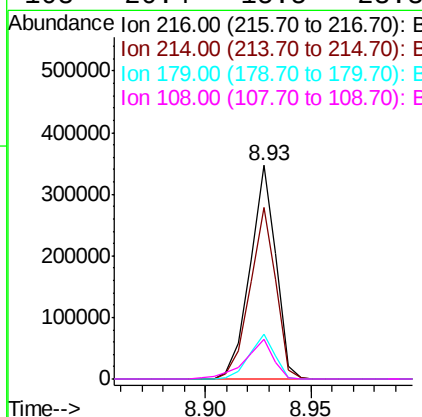
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#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 45.026 ng
 RT: 8.93 min Scan# 1163
 Delta R.T. -0.01 min
 Lab File: BF121816.D
 Acq: 5 Oct 2020 13:43

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	295291		
214	79.9	63.4	95.2	
179	20.7	17.0	25.6	
108	20.4	15.5	23.3	





#41

Hexachlorocyclopentadiene

Concen: 52.299 ng

RT: 8.91 min Scan# 1160

Delta R.T. -0.01 min

Lab File: BF121816.D

Acq: 5 Oct 2020 13:43

Instrument :

BNA_F

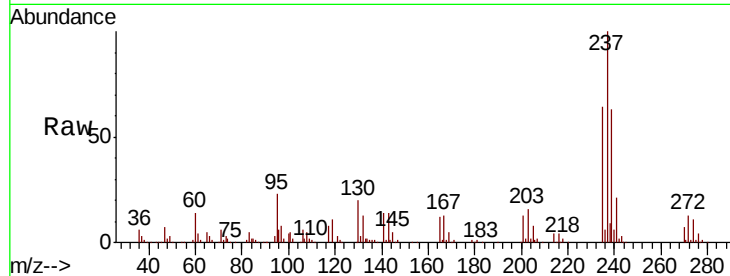
ClientSampleId :

PB-2020-WS-000-01MSD

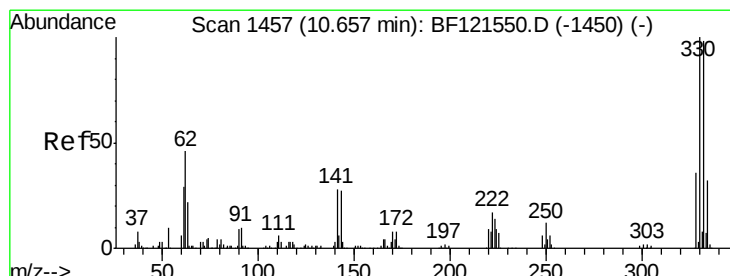
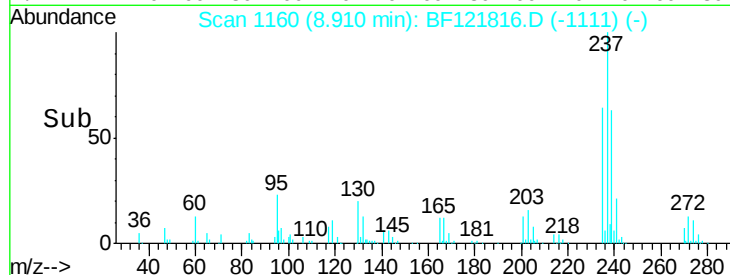
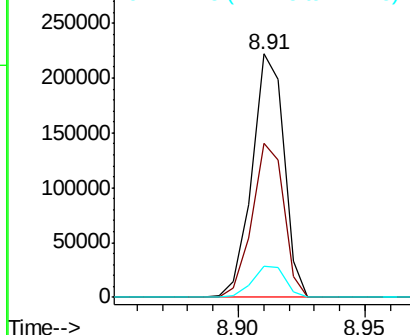
Tot Ion:	237	Resp:	195872
Ion Ratio	Lower	Upper	
237	100		
235	63.5	41.8	81.8
272	12.7	0.0	33.5

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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: 134.549 ng

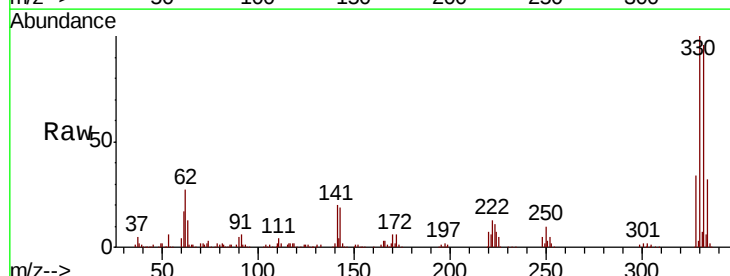
RT: 10.60 min Scan# 1447

Delta R.T. -0.01 min

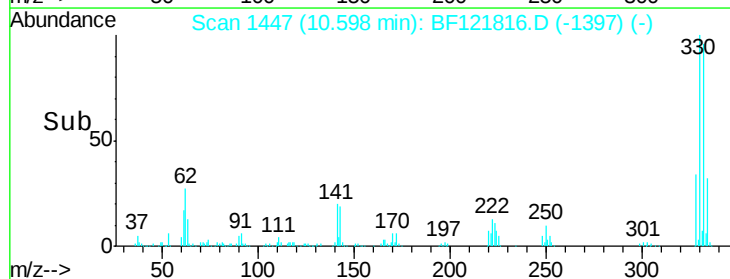
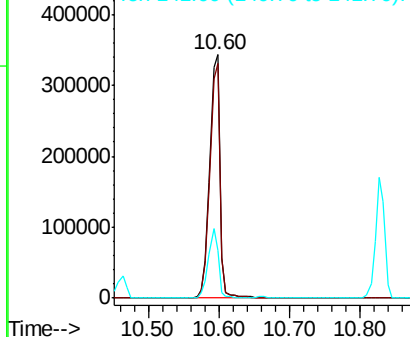
Lab File: BF121816.D

Acq: 5 Oct 2020 13:43

Tgt Ion:	330	Resp:	351094
Ion Ratio	Lower	Upper	
330	100		
332	95.4	77.3	115.9
141	27.6	22.3	33.5



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





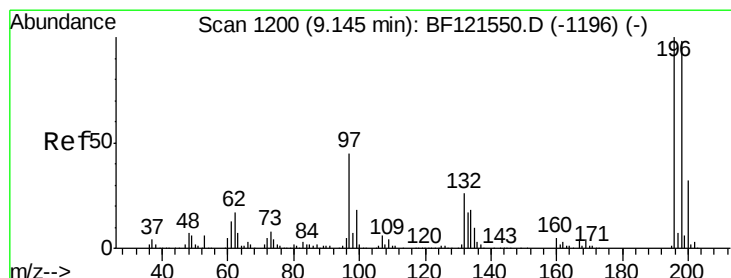
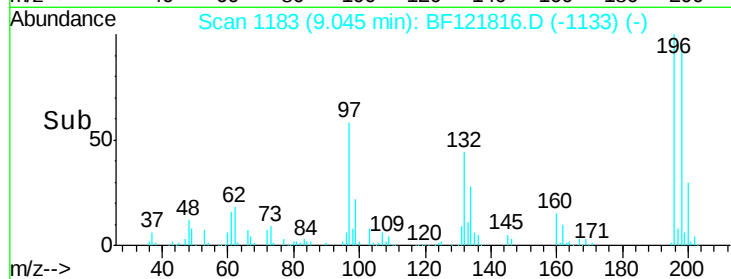
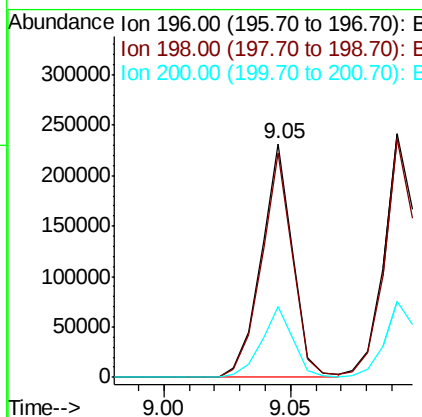
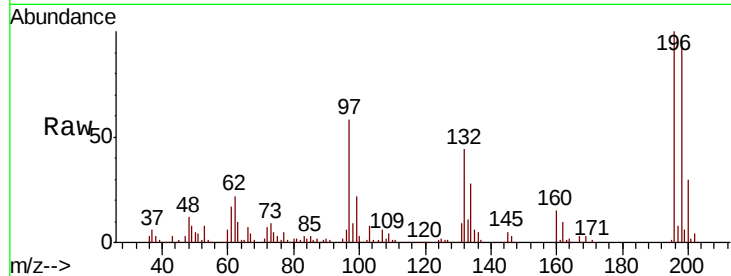
#43
 2,4,6-Trichlorophenol
 Concen: 44.901 ng
 RT: 9.05 min Scan# 1183
 Delta R.T. -0.01 min
 Lab File: BF121816.D
 Acq: 5 Oct 2020 13:43

Instrument :
 BNA_F
 ClientSampleId :
 PB-2020-WS-000-01MSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	200715		
198	96.0		75.8	113.6
200	30.4		24.6	36.8

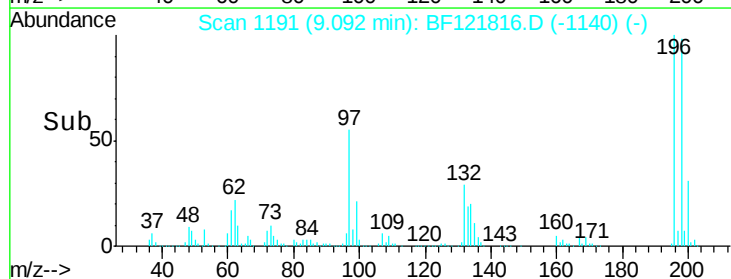
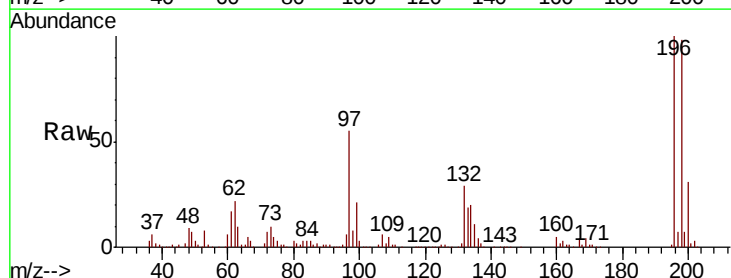
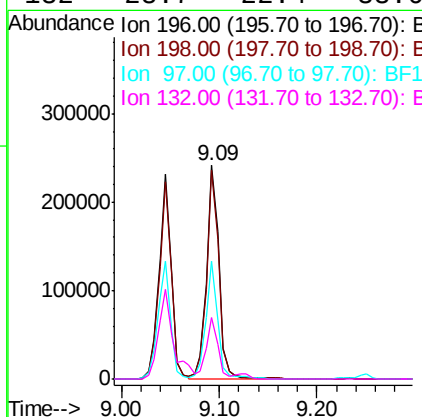
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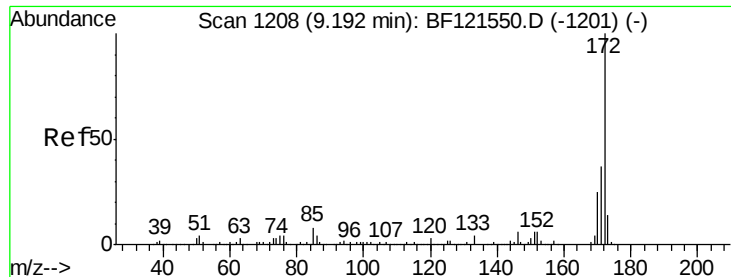
mohammad
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#44
 2,4,5-Trichlorophenol
 Concen: 45.162 ng
 RT: 9.09 min Scan# 1191
 Delta R.T. 0.00 min
 Lab File: BF121816.D
 Acq: 5 Oct 2020 13:43

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	213420		
198	97.7		76.1	114.1
97	55.3		41.0	61.6
132	28.7		22.4	33.6





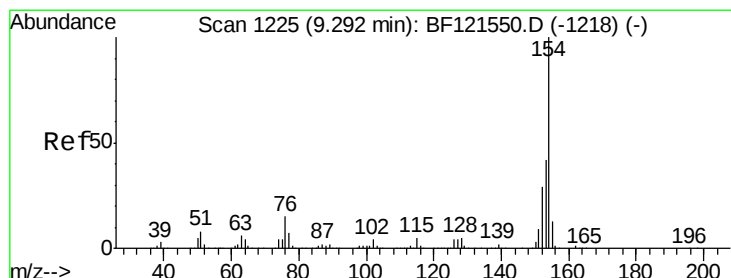
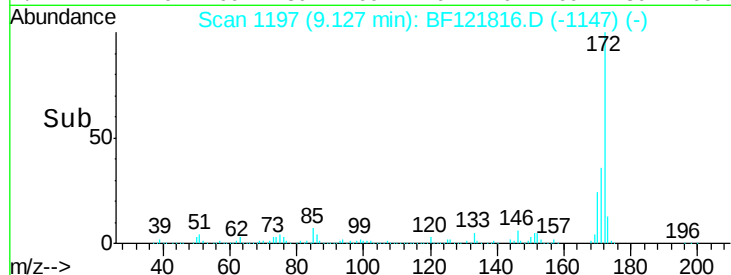
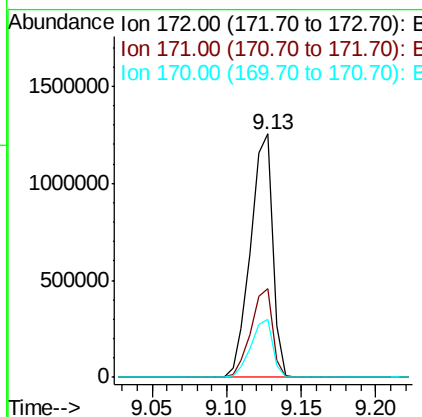
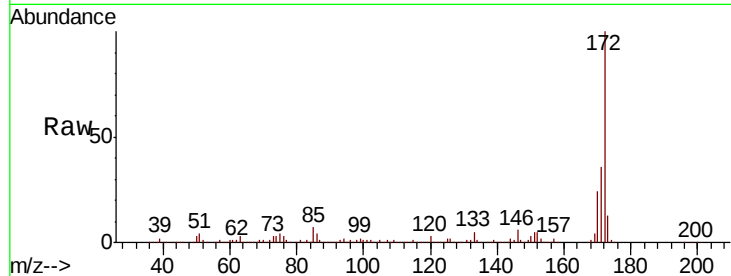
#45
2-Fluorobiphenyl
Concen: 92.324 ng
RT: 9.13 min Scan# 1197
Delta R.T. -0.01 min
Lab File: BF121816.D
Acq: 5 Oct 2020 13:43

Instrument :
BNA_F
ClientSampleId :
PB-2020-WS-000-01MSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.1	43.7
170	24.1	19.8	29.6

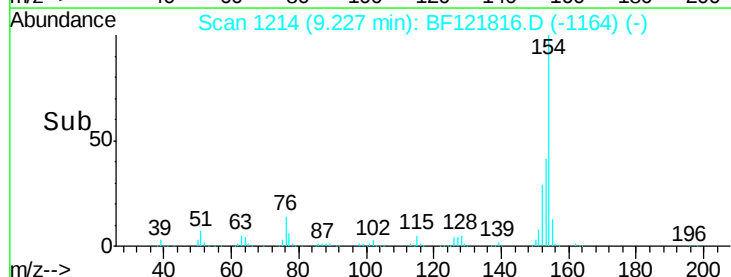
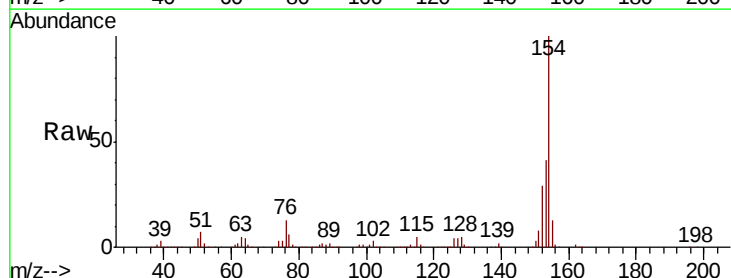
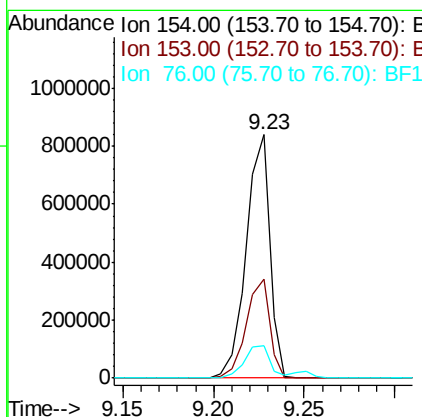
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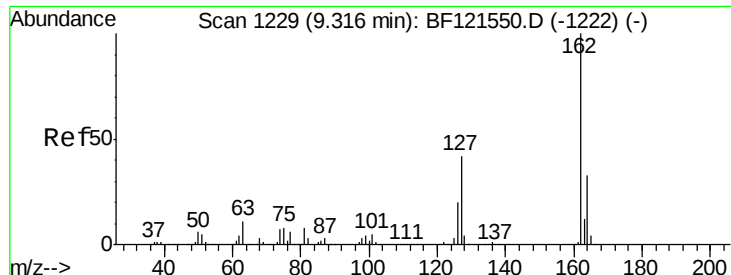
mohammad
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#46
1,1'-Biphenyl
Concen: 45.162 ng
RT: 9.23 min Scan# 1214
Delta R.T. -0.01 min
Lab File: BF121816.D
Acq: 5 Oct 2020 13:43

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.6	21.3	61.3
76	13.5	0.0	34.7





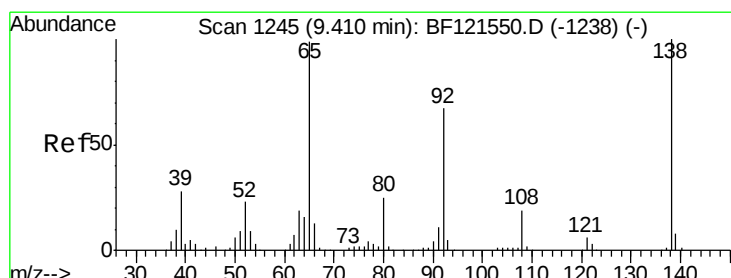
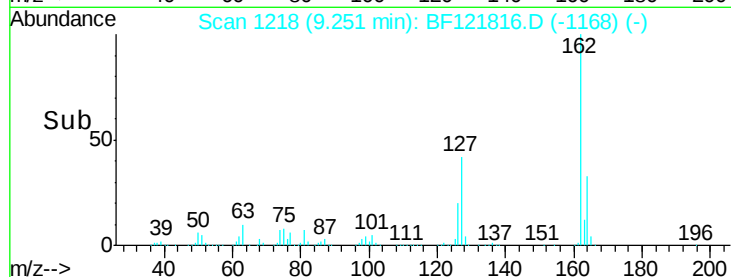
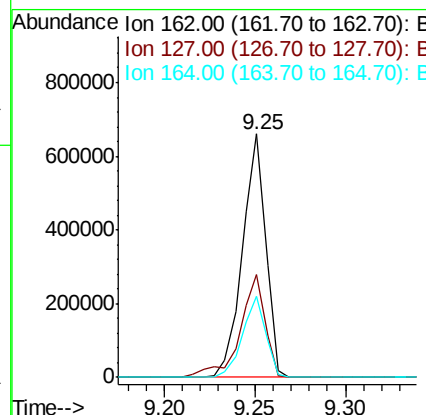
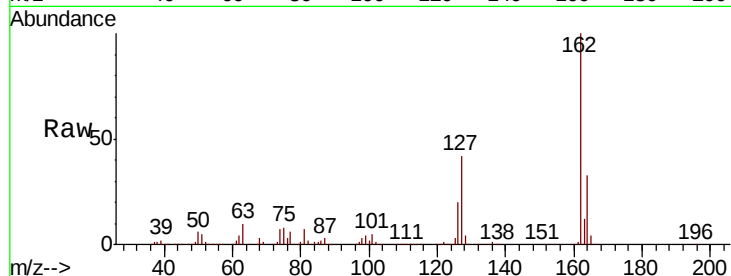
#47
2-Chloronaphthalene
Concen: 44.319 ng
RT: 9.25 min Scan# 1218
Delta R.T. -0.01 min
Lab File: BF121816.D
Acq: 5 Oct 2020 13:43

Instrument :
BNA_F
ClientSampleId :
PB-2020-WS-000-01MSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100			
127	42.0	34.4	51.6	
164	33.4	26.3	39.5	

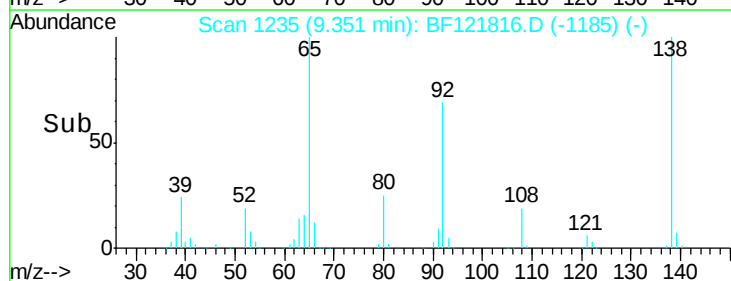
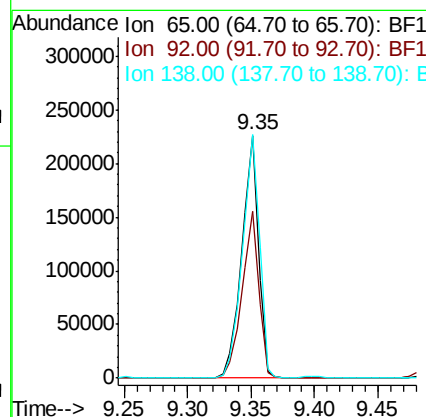
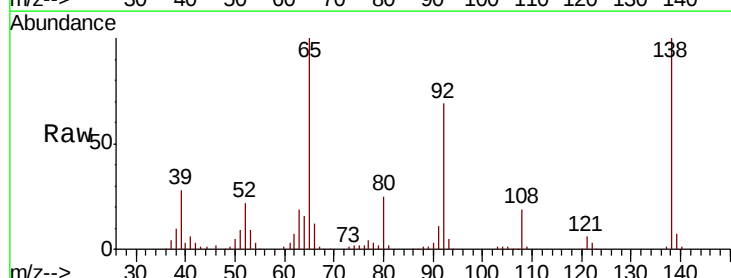
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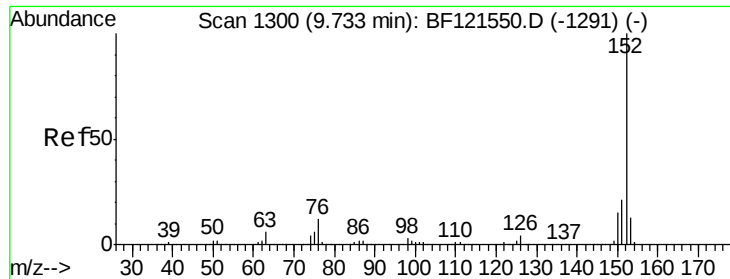
mohammad
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#48
2-Nitroaniline
Concen: 49.815 ng
RT: 9.35 min Scan# 1235
Delta R.T. -0.01 min
Lab File: BF121816.D
Acq: 5 Oct 2020 13:43

Tgt Ion	Ratio	Resp	Lower	Upper
65	100			
92	69.0	55.1	82.7	
138	100.3	80.5	120.7	





#49

Acenaphthylene

Concen: 45.425 ng

RT: 9.66 min Scan# 1288

Delta R.T. -0.01 min

Lab File: BF121816.D

Acq: 5 Oct 2020 13:43

Instrument :

BNA_F

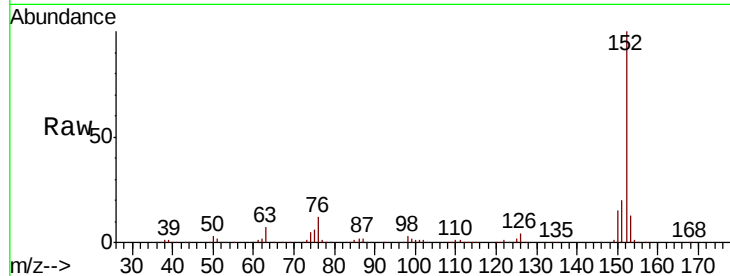
ClientSampleId :

PB-2020-WS-000-01MSD

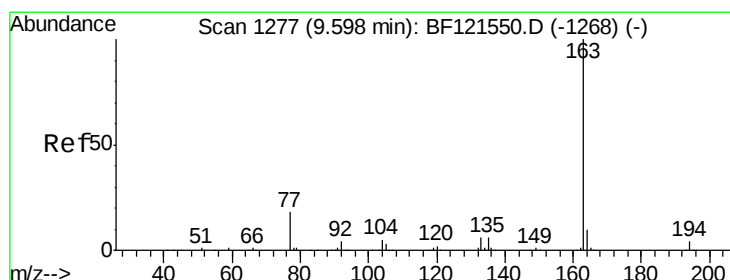
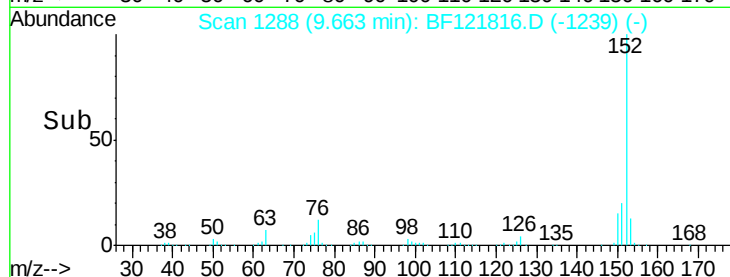
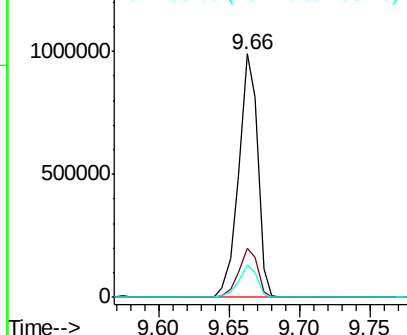
Tot Ion:	152	Resp:	924445
Ion Ratio	Lower	Upper	
152	100		
151	20.4	16.4	24.6
153	13.5	10.6	15.8

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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: 49.411 ng

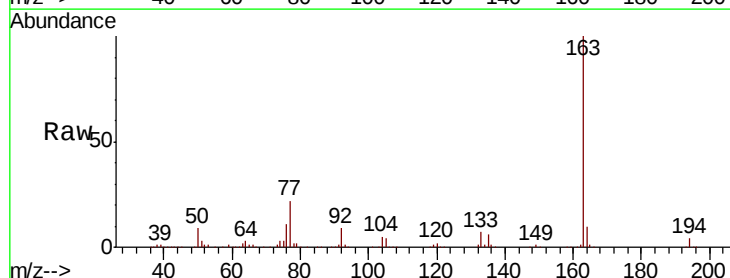
RT: 9.53 min Scan# 1265

Delta R.T. -0.01 min

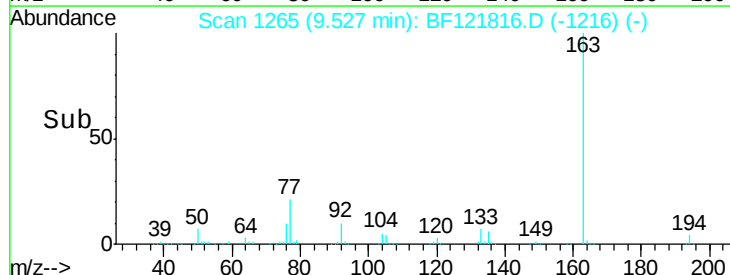
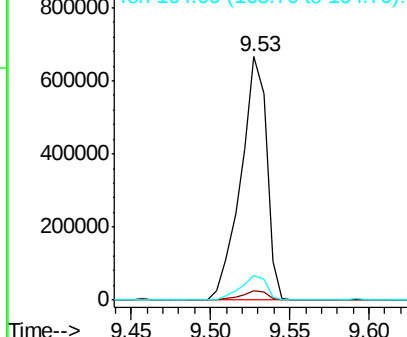
Lab File: BF121816.D

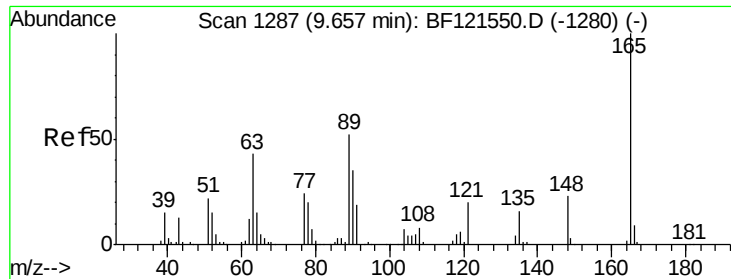
Acq: 5 Oct 2020 13:43

Tgt Ion:	163	Resp:	751880
Ion Ratio	Lower	Upper	
163	100		
194	3.9	3.3	4.9
164	10.4	8.2	12.4



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: 50.003 ng

RT: 9.59 min Scan# 1276

Delta R.T. -0.01 min

Lab File: BF121816.D

Acq: 5 Oct 2020 13:43

Instrument :

BNA_F

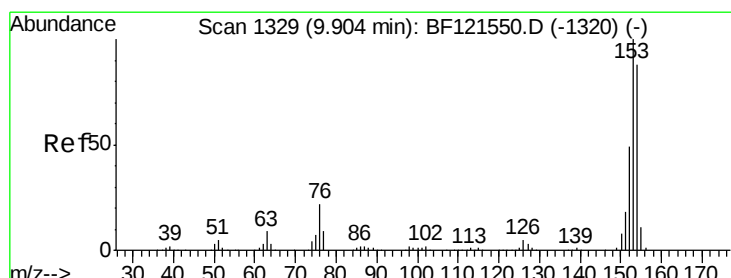
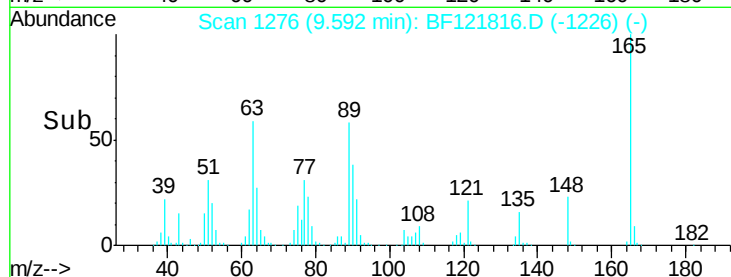
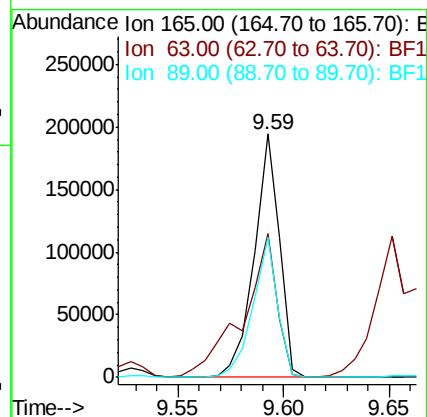
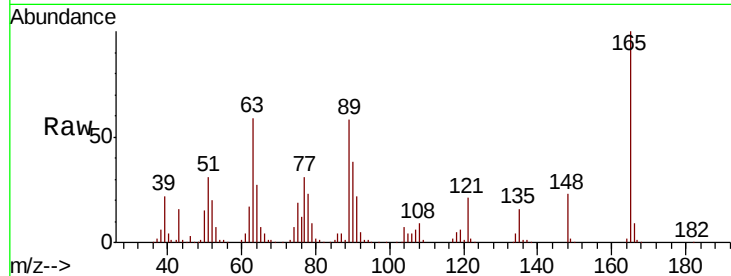
ClientSampleId :

PB-2020-WS-000-01MSD

Tot Ion:	165	Resp:	162045
Ion Ratio	Lower	Upper	
165	100		
63	59.2	51.8	77.6
89	57.5	49.0	73.6

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#52

Acenaphthene

Concen: 43.054 ng

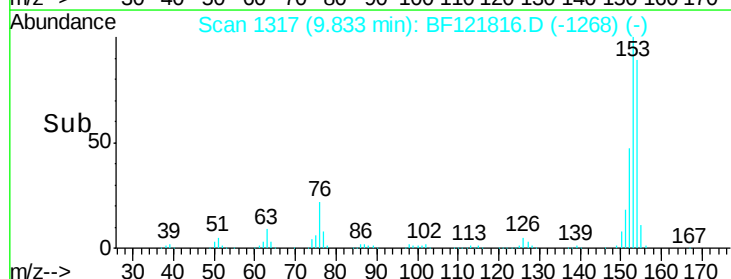
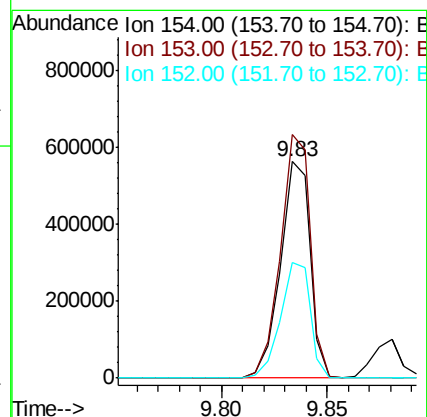
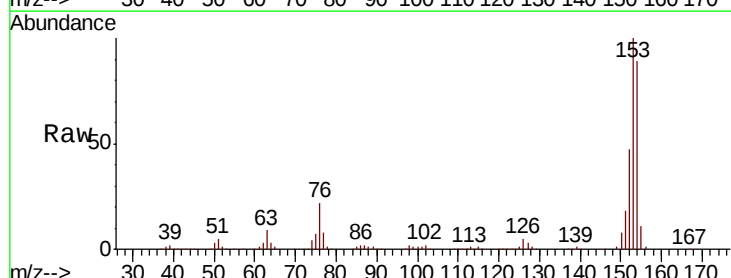
RT: 9.83 min Scan# 1317

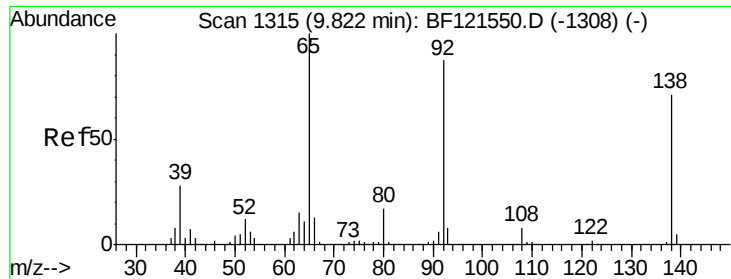
Delta R.T. -0.01 min

Lab File: BF121816.D

Acq: 5 Oct 2020 13:43

Tgt Ion:	154	Resp:	553411
Ion Ratio	Lower	Upper	
154	100		
153	112.5	89.8	134.8
152	53.4	43.2	64.8





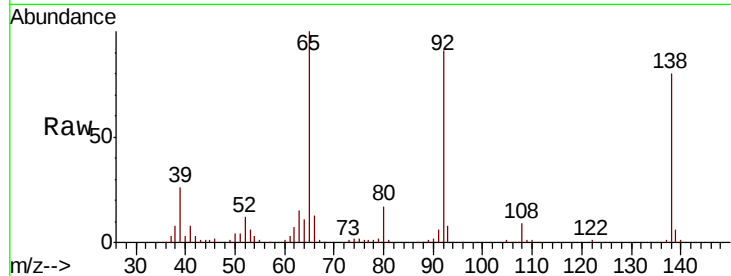
#53
3-Nitroaniline
Concen: 26.709 ng
RT: 9.76 min Scan# 1305
Delta R.T. -0.01 min
Lab File: BF121816.D
Acq: 5 Oct 2020 13:43

Instrument :
BNA_F
ClientSampleId :
PB-2020-WS-000-01MSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	11.1	8.6	13.0
92	113.1	96.6	144.8

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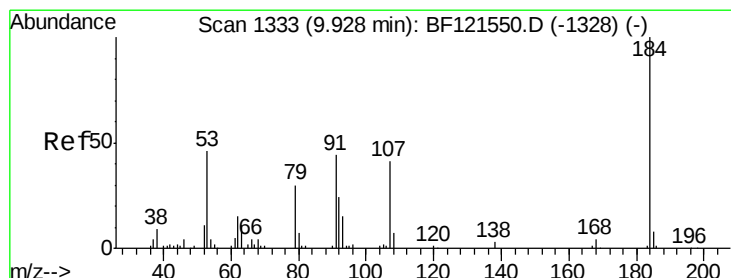
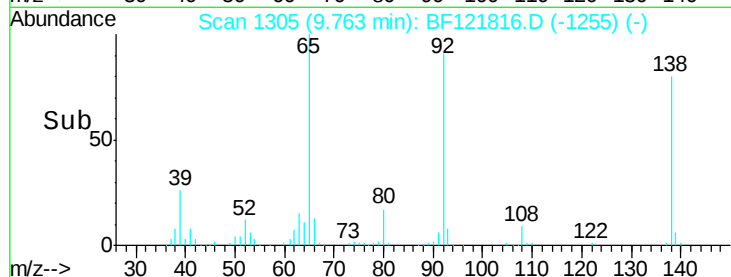
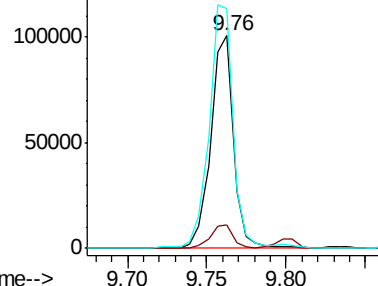


Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#54
2,4-Dinitrophenol
Concen: 88.473 ng
RT: 9.88 min Scan# 1325
Delta R.T. 0.00 min
Lab File: BF121816.D
Acq: 5 Oct 2020 13:43

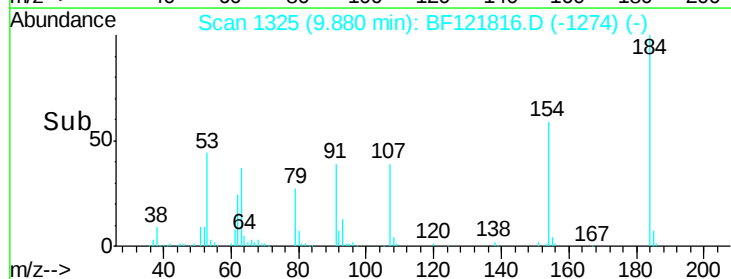
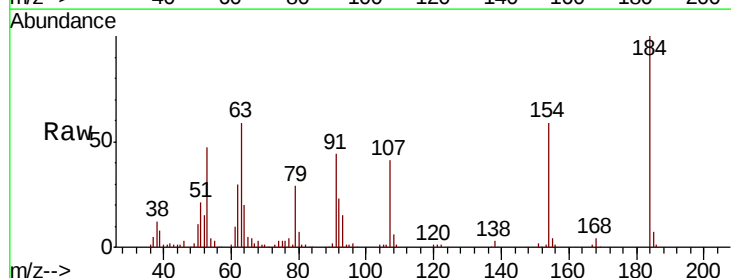
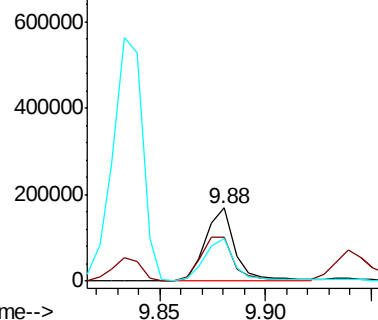
Tgt Ion	Ratio	Lower	Upper
184	100		
63	59.4	45.9	68.9
154	58.7	45.8	68.6

Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E





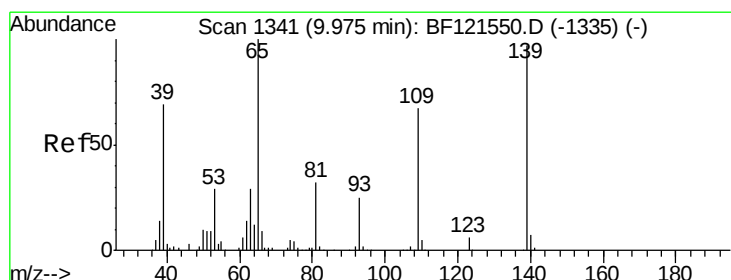
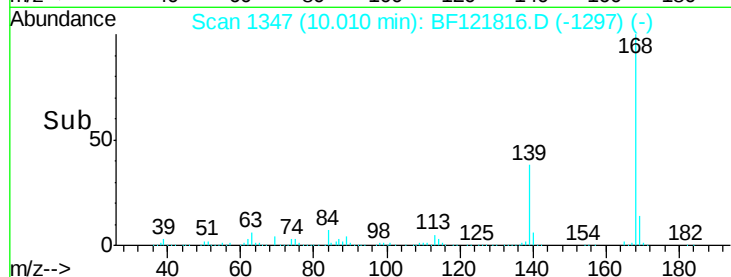
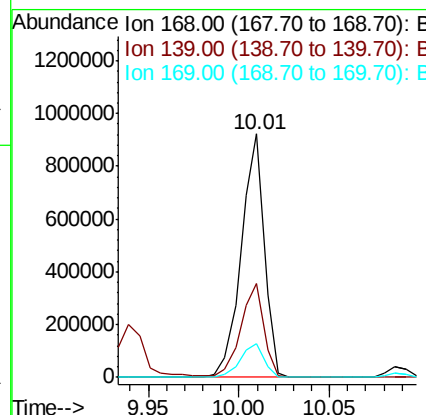
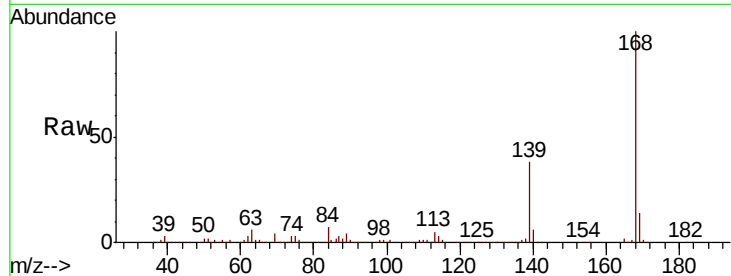
#55
Dibenzofuran
Concen: 44.878 ng
RT: 10.01 min Scan# 1347
Delta R.T. -0.01 min
Lab File: BF121816.D
Acq: 5 Oct 2020 13:43

Instrument :
BNA_F
ClientSampleId :
PB-2020-WS-000-01MSD

Tot Ion	Ratio	Lower	Upper
168	100		
139	38.5	31.0	46.6
169	14.0	11.3	16.9

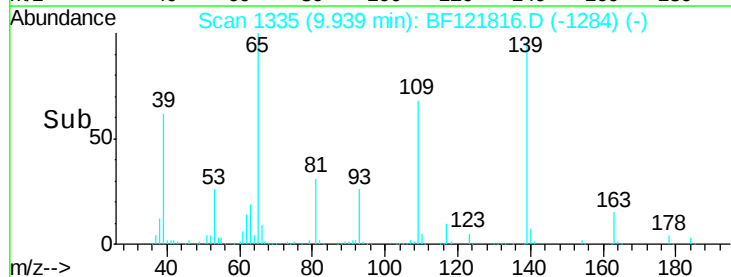
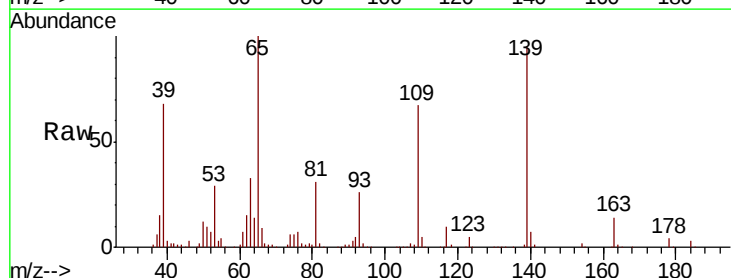
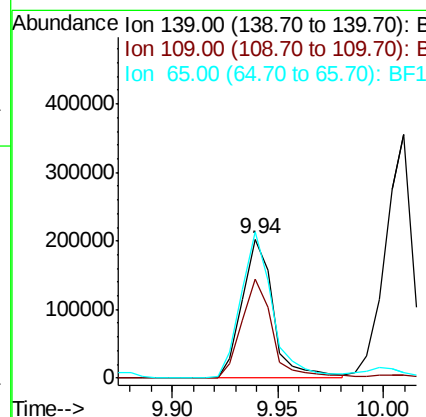
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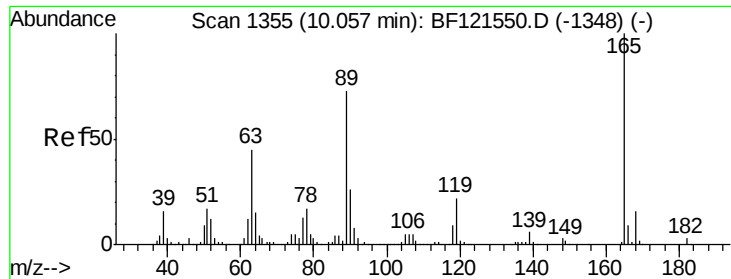
mohammad
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#56
4-Nitrophenol
Concen: 69.737 ng
RT: 9.94 min Scan# 1335
Delta R.T. 0.00 min
Lab File: BF121816.D
Acq: 5 Oct 2020 13:43

Tgt Ion	Ratio	Lower	Upper
139	100		
109	70.9	45.4	85.4
65	105.5	68.4	108.4





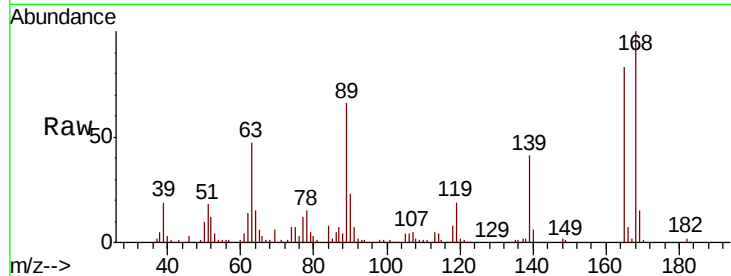
#57
2,4-Dinitrotoluene
Concen: 51.377 ng
RT: 10.00 min Scan# 1345
Delta R.T. -0.01 min
Lab File: BF121816.D
Acq: 5 Oct 2020 13:43

Instrument :
BNA_F
ClientSampleId :
PB-2020-WS-000-01MSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	209466		
63	57.0		41.3	61.9
89	79.3		61.8	92.8
182	2.9		2.1	3.1

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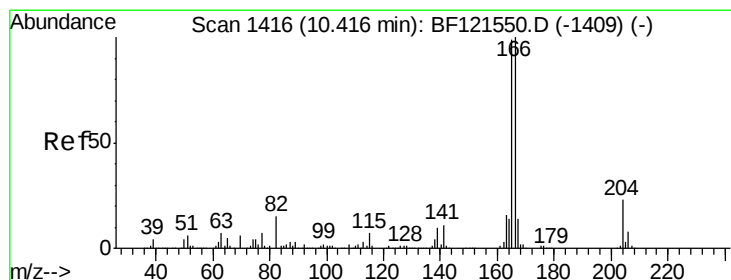
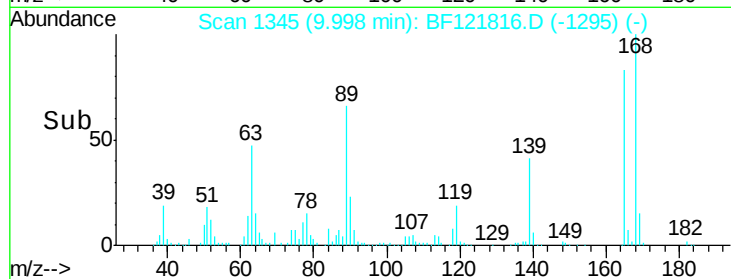
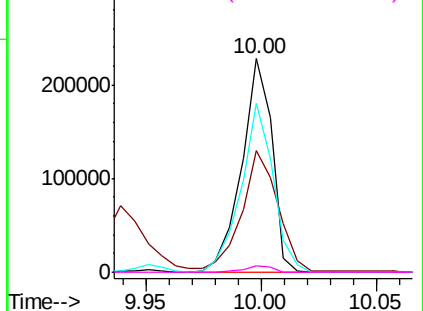
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 47.199 ng
RT: 10.35 min Scan# 1405
Delta R.T. -0.01 min
Lab File: BF121816.D
Acq: 5 Oct 2020 13:43

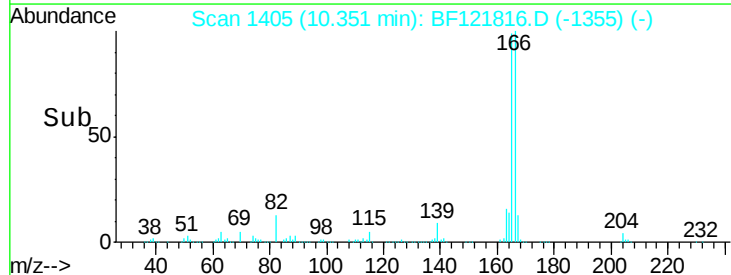
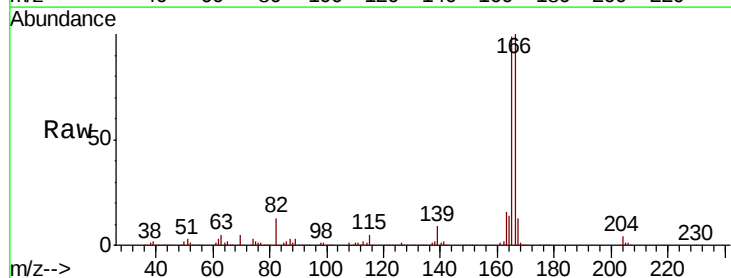
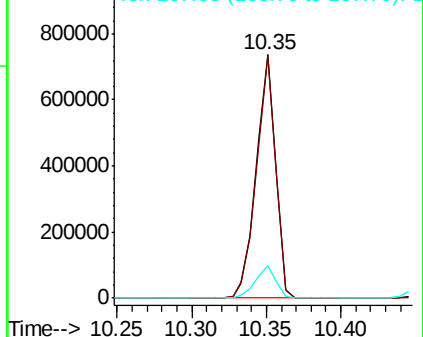
Tgt Ion	Ratio	Resp	Lower	Upper
166	100	653362		
165	99.4		79.1	118.7
167	13.5		11.0	16.6

Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





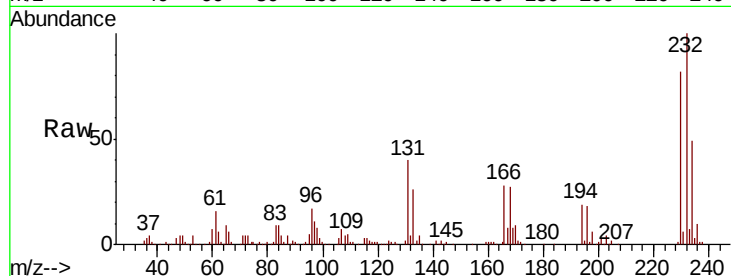
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 47.092 ng
 RT: 10.13 min Scan# 1368
 Delta R.T. -0.01 min
 Lab File: BF121816.D
 Acq: 5 Oct 2020 13:43

Instrument :
 BNA_F
 ClientSampleId :
 PB-2020-WS-000-01MSD

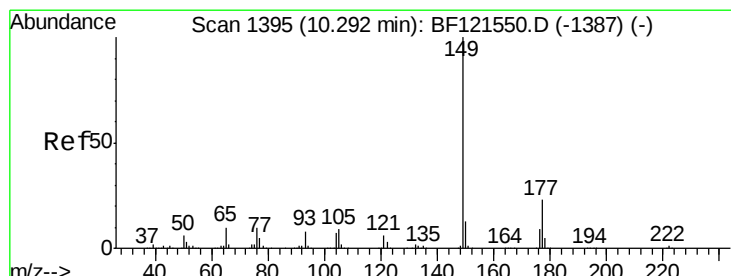
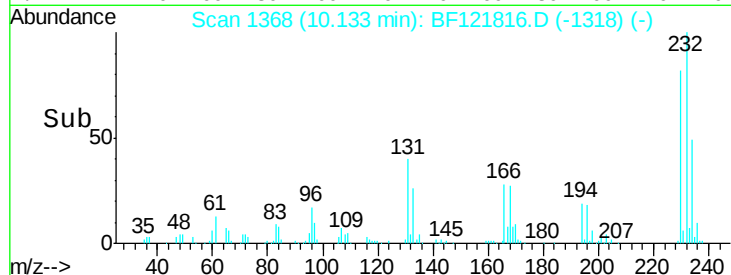
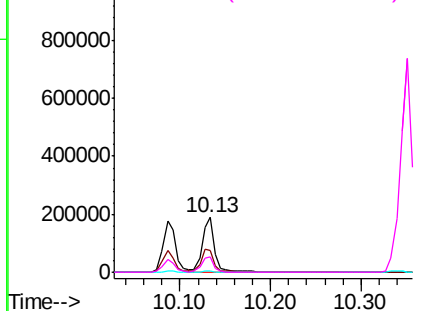
Tot Ion:	232	Resp:	180919
Ion Ratio	Lower	Upper	
232	100		
131	44.7	35.9	53.9
130	2.1	1.8	2.6
166	28.7	23.5	35.3

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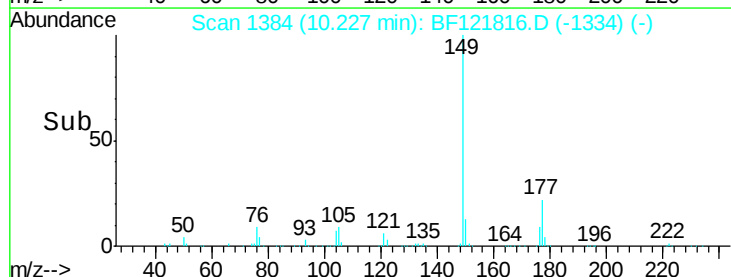
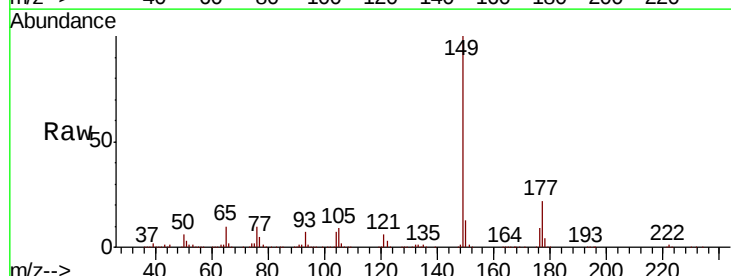
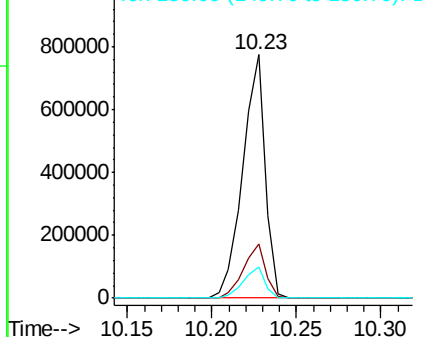
Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

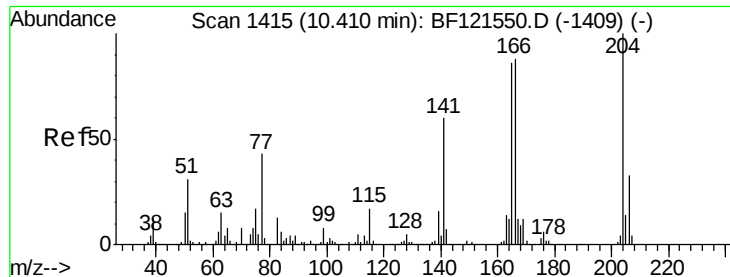


#60
 Diethylphthalate
 Concen: 48.543 ng
 RT: 10.23 min Scan# 1384
 Delta R.T. -0.01 min
 Lab File: BF121816.D
 Acq: 5 Oct 2020 13:43

Tgt Ion:	149	Resp:	720199
Ion Ratio	Lower	Upper	
149	100		
177	22.4	18.1	27.1
150	12.6	10.3	15.5

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





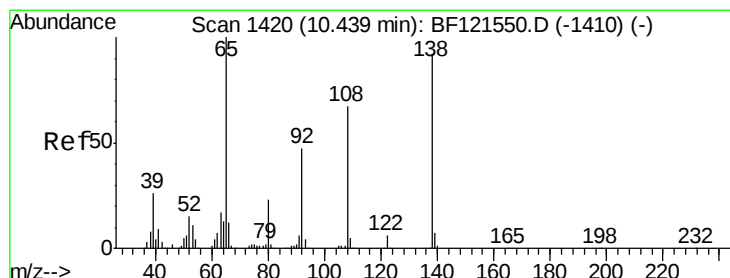
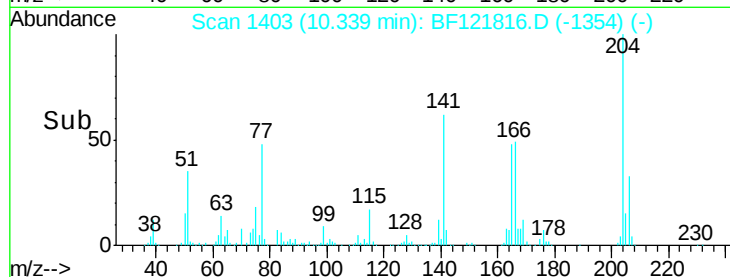
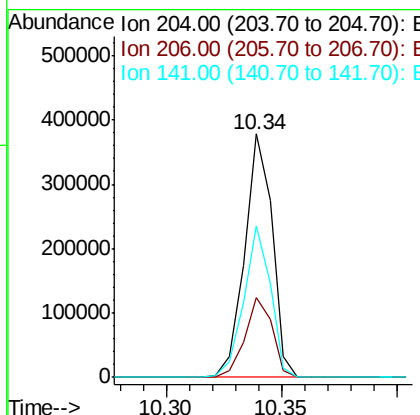
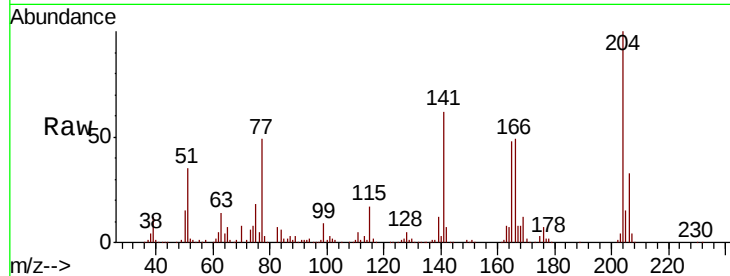
#61
4-Chlorophenyl-phenylether
Concen: 47.663 ng
RT: 10.34 min Scan# 1403
Delta R.T. -0.01 min
Lab File: BF121816.D
Acq: 5 Oct 2020 13:43

Instrument :
BNA_F
ClientSampleId :
PB-2020-WS-000-01MSD

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.0	26.0	39.0
141	62.2	46.2	69.4

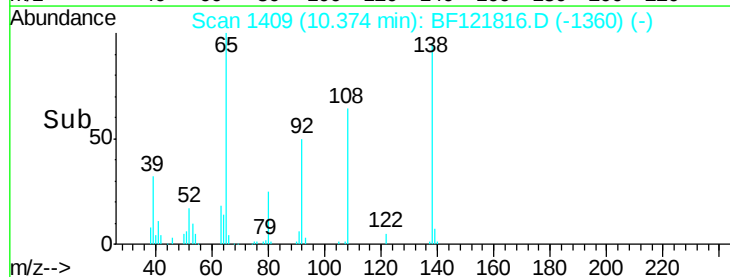
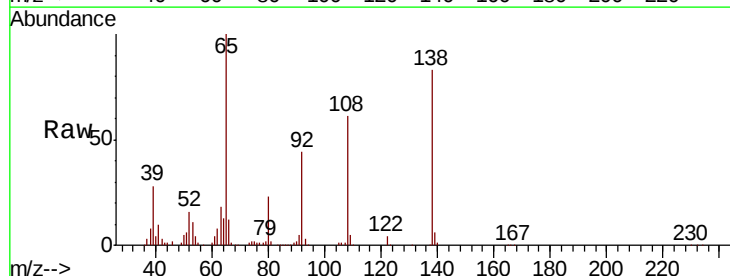
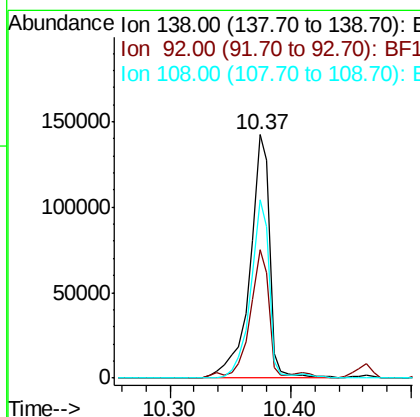
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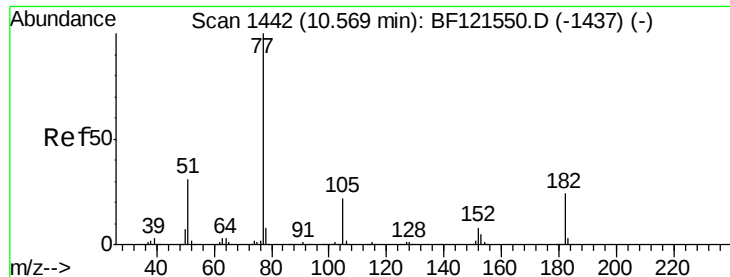
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#62
4-Nitroaniline
Concen: 43.904 ng
RT: 10.37 min Scan# 1409
Delta R.T. -0.01 min
Lab File: BF121816.D
Acq: 5 Oct 2020 13:43

Tgt Ion	Ratio	Lower	Upper
138	100		
92	52.8	31.0	71.0
108	73.3	51.5	91.5





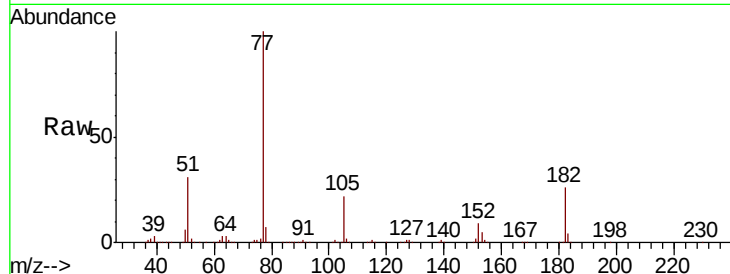
#63
Azobenzene
Concen: 46.420 ng
RT: 10.50 min Scan# 1431
Delta R.T. -0.01 min
Lab File: BF121816.D
Acq: 5 Oct 2020 13:43

Instrument :
BNA_F
ClientSampleId :
PB-2020-WS-000-01MSD

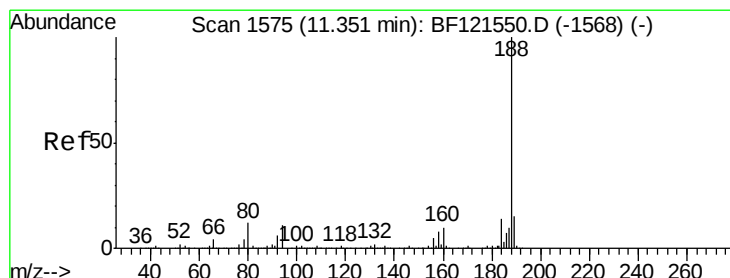
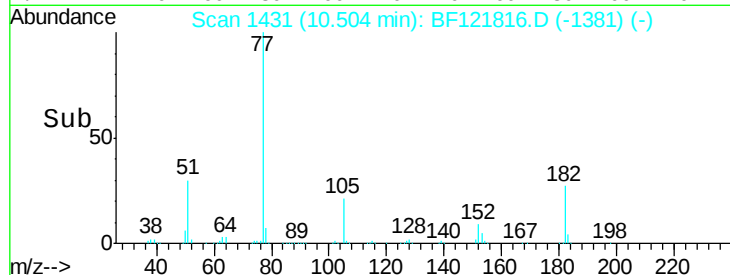
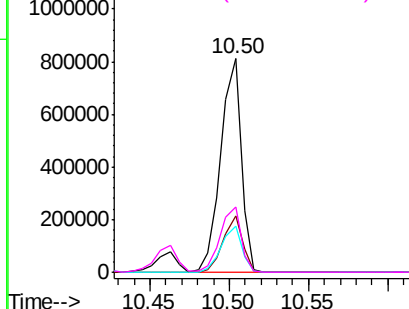
Tot Ion	Ratio	Lower	Upper
77	100		
182	26.4	3.4	43.4
105	21.8	1.7	41.7
51	30.5	11.6	51.6

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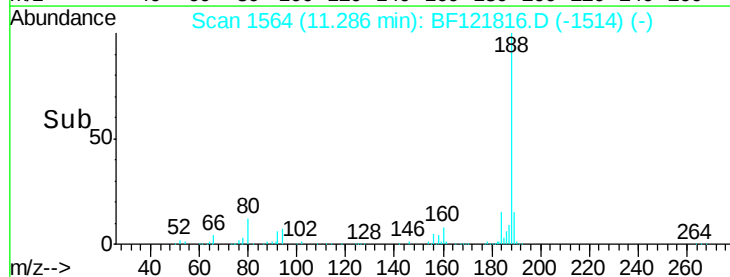
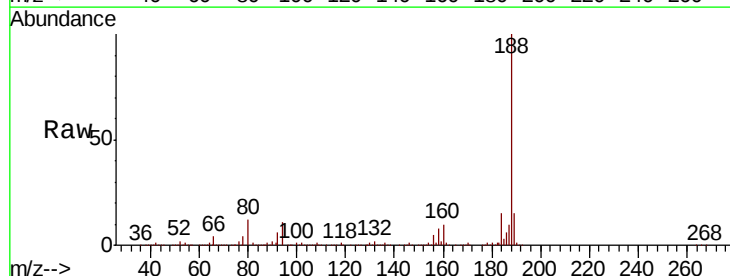
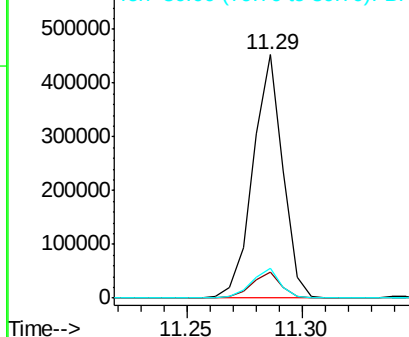
Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

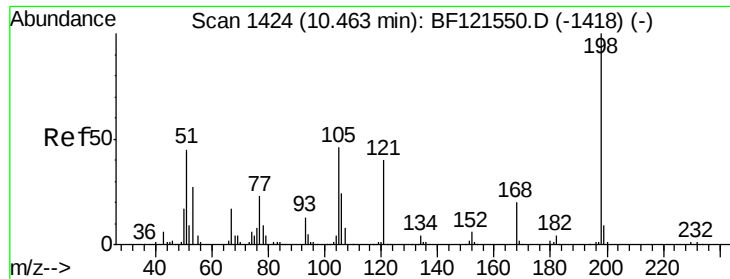


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.29 min Scan# 1564
Delta R.T. -0.01 min
Lab File: BF121816.D
Acq: 5 Oct 2020 13:43

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.6	8.3	12.5
80	12.0	9.1	13.7

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





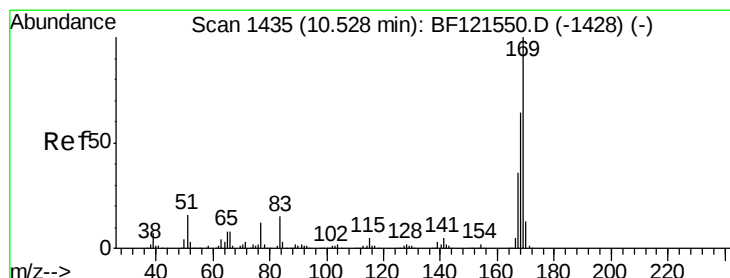
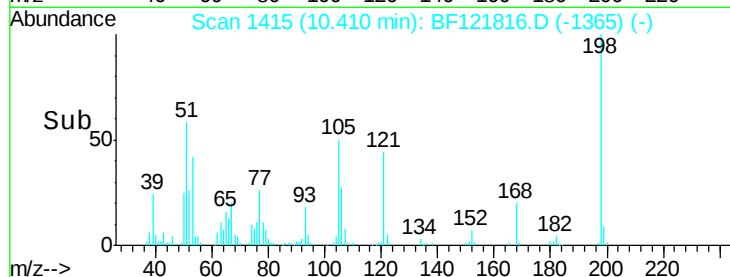
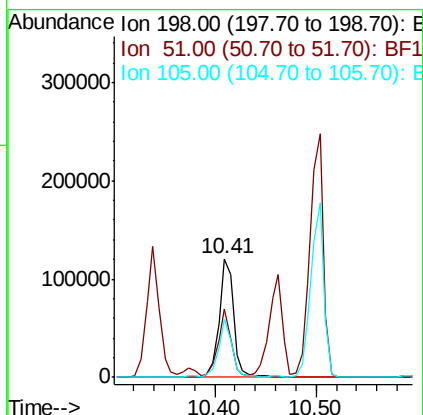
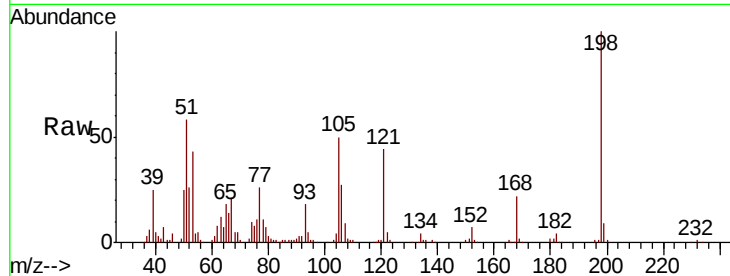
#65
4,6-Dinitro-2-methylphenol
Concen: 48.219 ng
RT: 10.41 min Scan# 1415
Delta R.T. -0.01 min
Lab File: BF121816.D
Acq: 5 Oct 2020 13:43

Instrument :
BNA_F
ClientSampleId :
PB-2020-WS-000-01MSD

Tot Ion	Ratio	Lower	Upper
198	100		
51	57.9	29.6	69.6
105	49.6	24.4	64.4

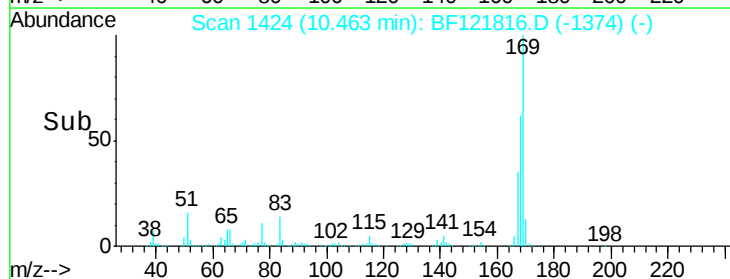
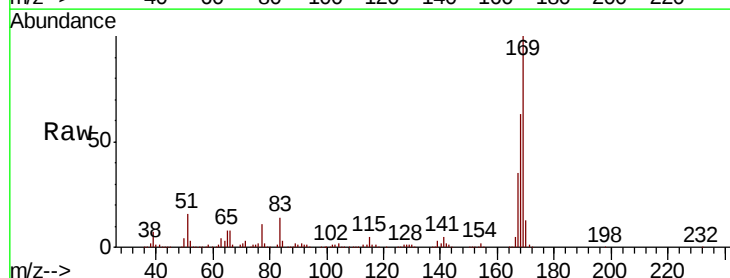
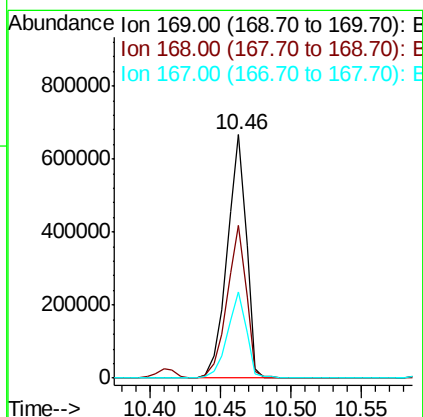
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#66
n-Nitrosodiphenylamine
Concen: 44.782 ng
RT: 10.46 min Scan# 1424
Delta R.T. -0.01 min
Lab File: BF121816.D
Acq: 5 Oct 2020 13:43

Tgt Ion	Ratio	Lower	Upper
169	100		
168	62.5	50.0	75.0
167	35.2	27.8	41.6





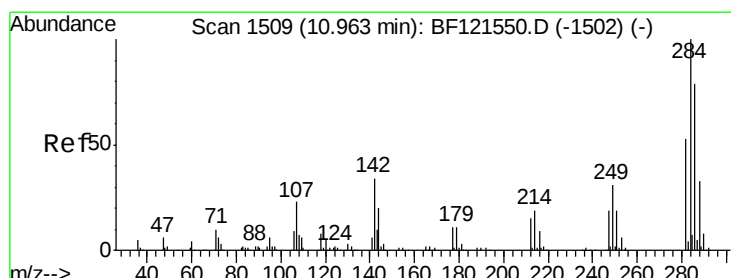
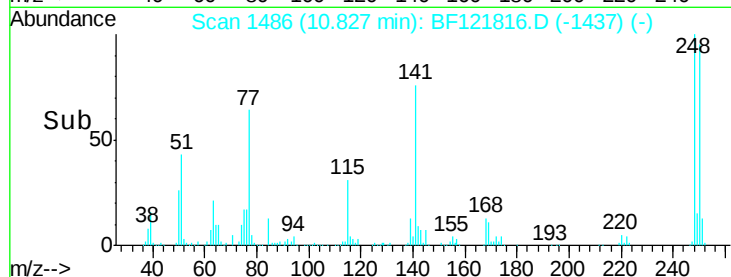
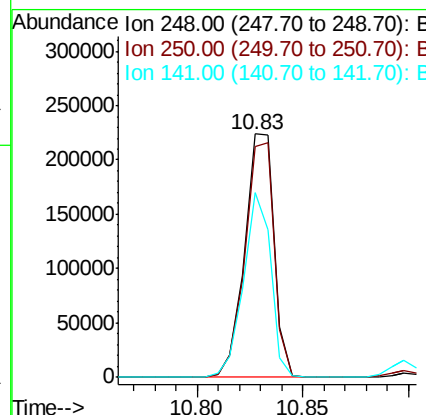
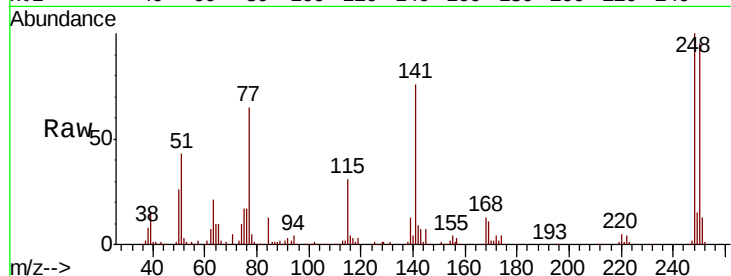
#67
4-Bromophenyl-phenylether
Concen: 46.578 ng
RT: 10.83 min Scan# 1486
Delta R.T. -0.01 min
Lab File: BF121816.D
Acq: 5 Oct 2020 13:43

Instrument :
BNA_F
ClientSampleId :
PB-2020-WS-000-01MSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	94.9	77.0	115.6
141	76.1	53.7	80.5

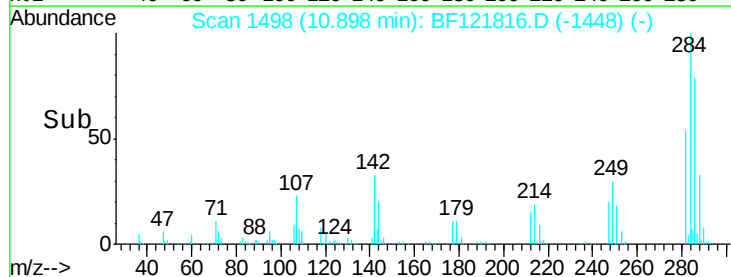
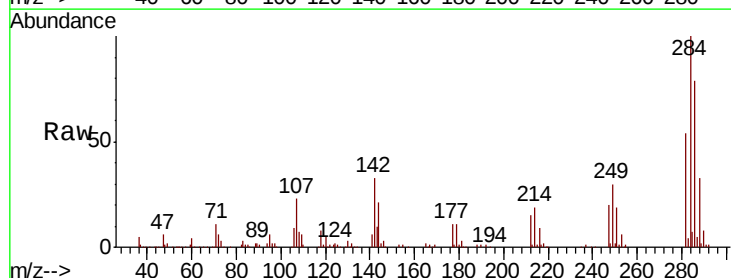
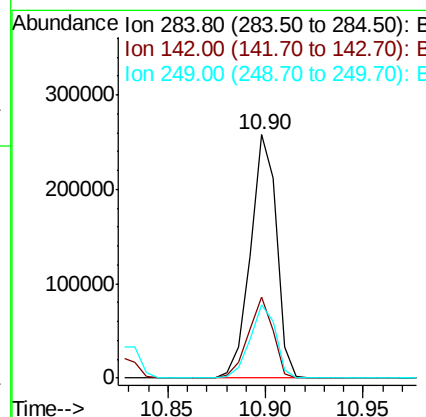
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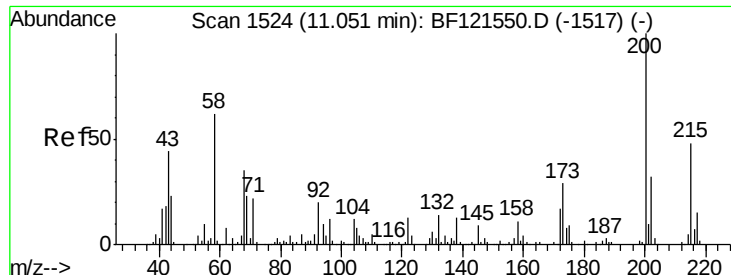
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#68
Hexachlorobenzene
Concen: 45.405 ng
RT: 10.90 min Scan# 1498
Delta R.T. -0.01 min
Lab File: BF121816.D
Acq: 5 Oct 2020 13:43

Tgt Ion	Ratio	Lower	Upper
284	100		
142	33.3	27.4	41.2
249	30.3	24.2	36.4





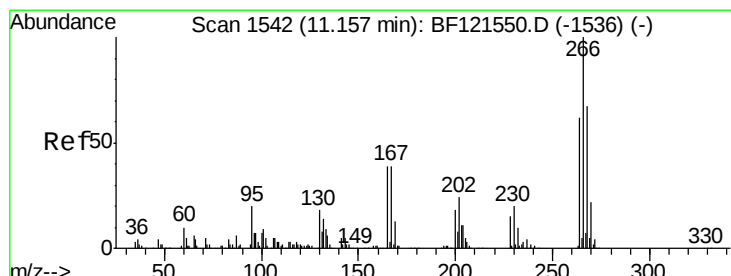
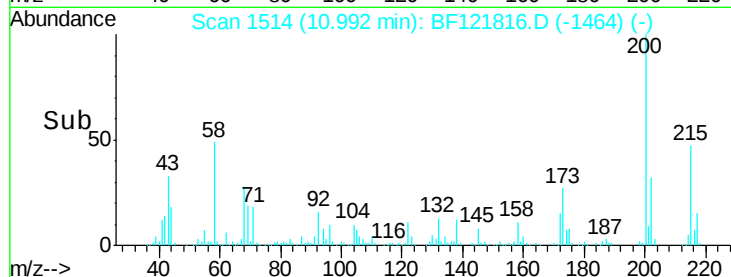
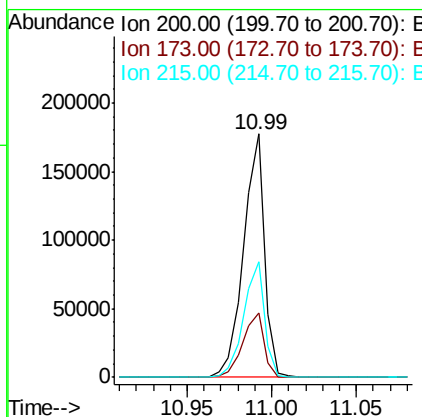
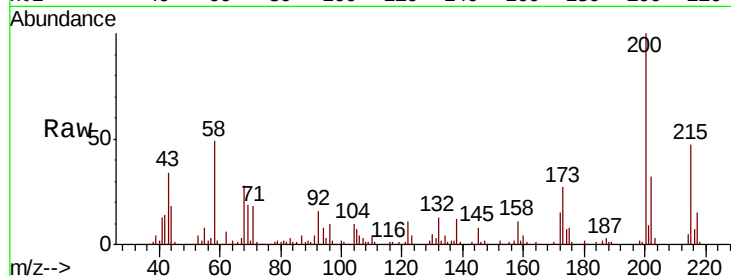
#69
Atrazine
Concen: 44.455 ng
RT: 10.99 min Scan# 1514
Delta R.T. -0.01 min
Lab File: BF121816.D
Acq: 5 Oct 2020 13:43

Instrument :
BNA_F
ClientSampleId :
PB-2020-WS-000-01MSD

Tot Ion	Ratio	Lower	Upper
200	100		
173	26.7	7.5	47.5
215	47.5	27.1	67.1

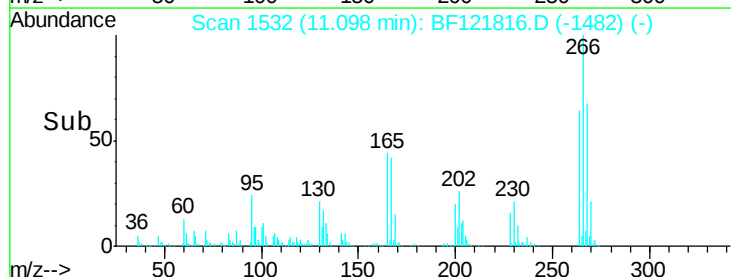
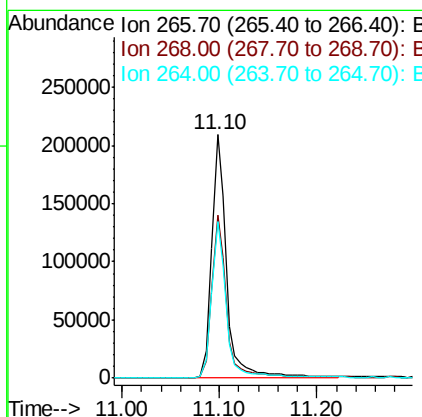
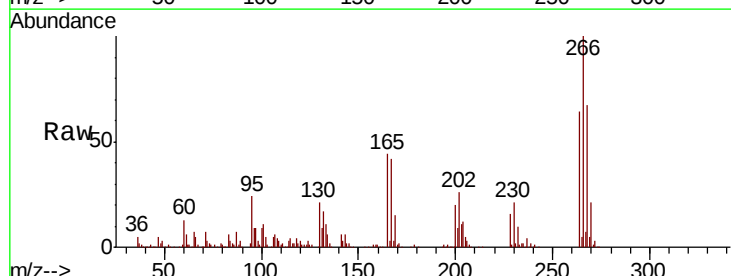
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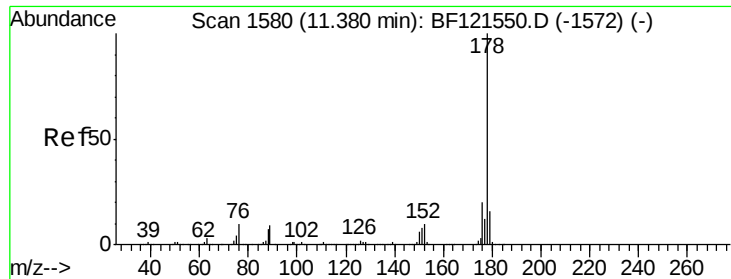
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#70
Pentachlorophenol
Concen: 78.365 ng
RT: 11.10 min Scan# 1532
Delta R.T. -0.01 min
Lab File: BF121816.D
Acq: 5 Oct 2020 13:43

Tgt Ion	Ratio	Lower	Upper
266	100		
268	66.9	52.4	78.6
264	64.2	49.9	74.9





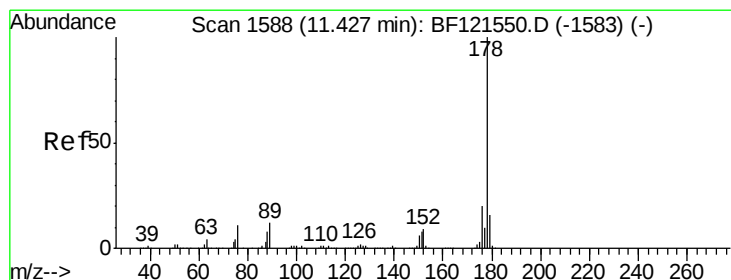
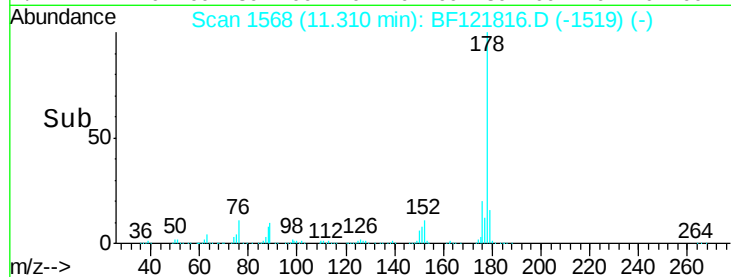
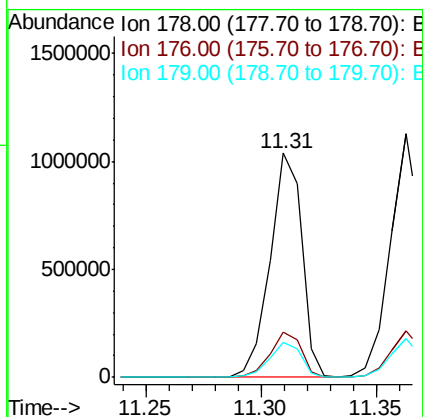
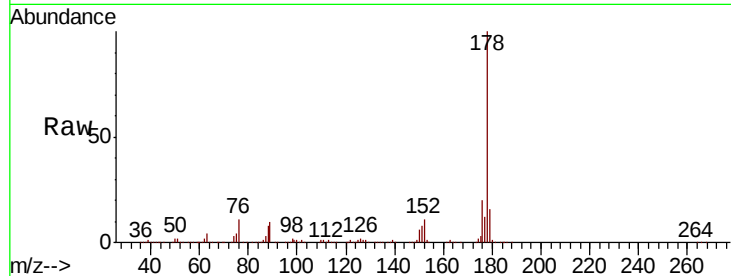
#71
Phenanthrene
Concen: 44.721 ng
RT: 11.31 min Scan# 1568
Delta R.T. -0.01 min
Lab File: BF121816.D
Acq: 5 Oct 2020 13:43

Instrument :
BNA_F
ClientSampleId :
PB-2020-WS-000-01MSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.0	15.9	23.9
179	15.9	12.2	18.4

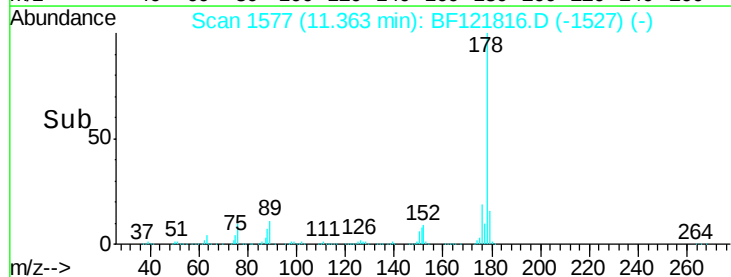
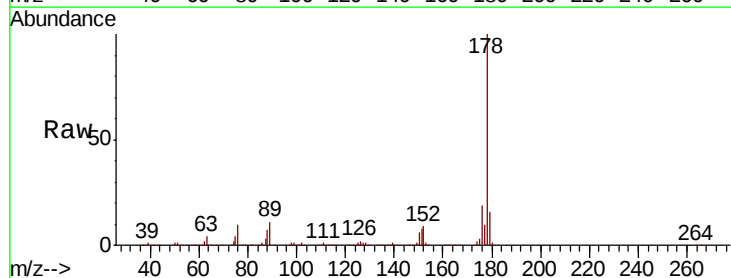
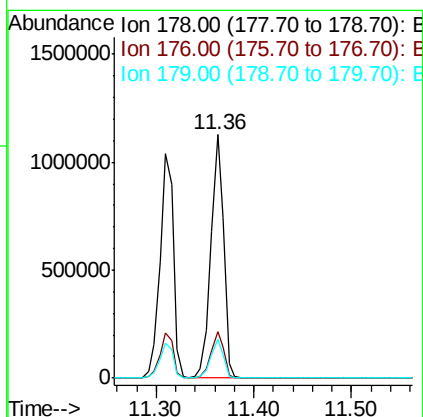
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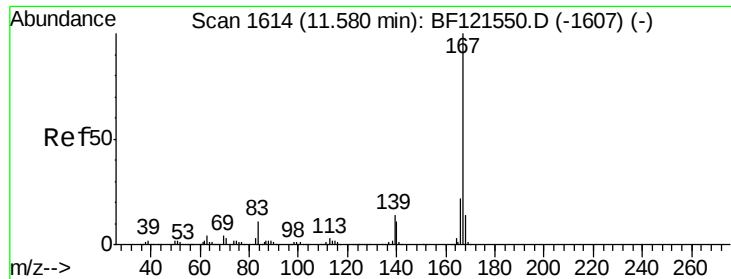
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#72
Anthracene
Concen: 44.827 ng
RT: 11.36 min Scan# 1577
Delta R.T. -0.01 min
Lab File: BF121816.D
Acq: 5 Oct 2020 13:43

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.7	23.5
179	15.8	12.7	19.1





#73

Carbazole

Concen: 45.086 ng

RT: 11.52 min Scan# 1604

Delta R.T. -0.01 min

Lab File: BF121816.D

Acq: 5 Oct 2020 13:43

Instrument :

BNA_F

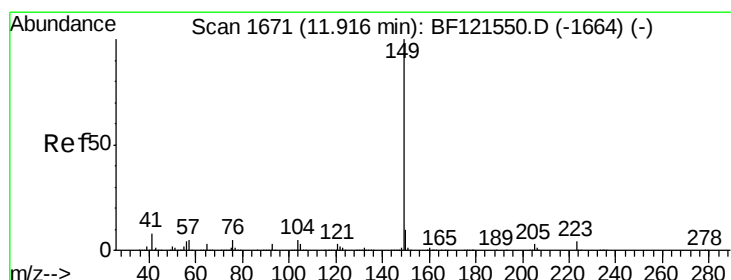
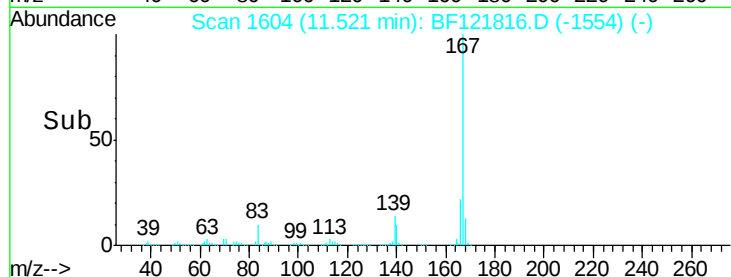
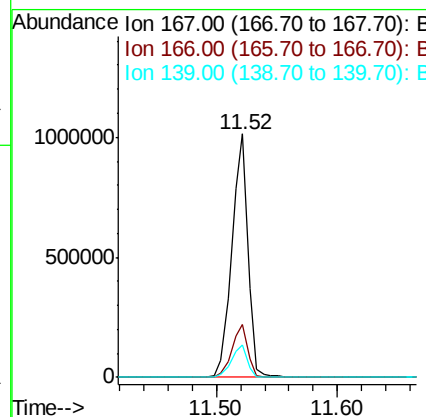
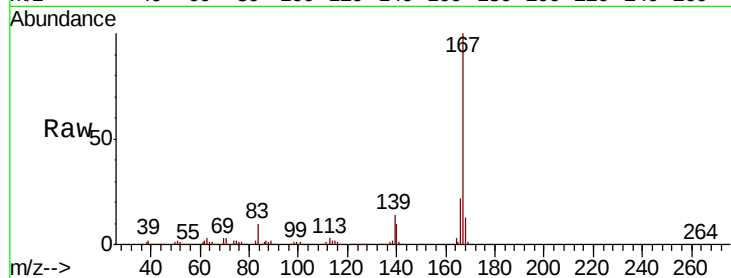
ClientSampleId :

PB-2020-WS-000-01MSD

Tot Ion:	167	Resp:	931294
Ion Ratio	Lower	Upper	
167	100		
166	22.0	17.8	26.6
139	13.5	10.8	16.2

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#74

Di-n-butylphthalate

Concen: 49.139 ng

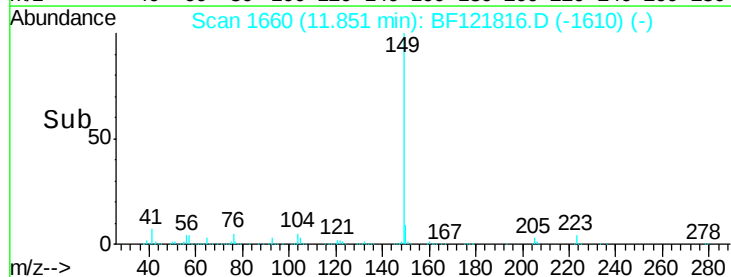
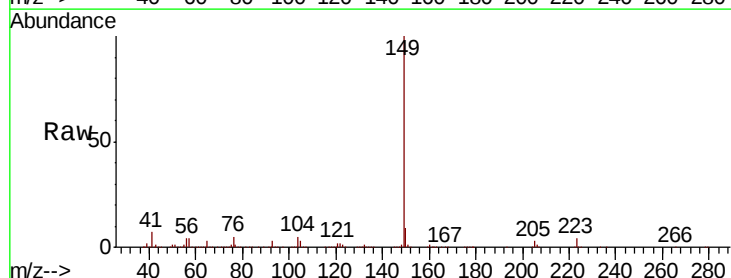
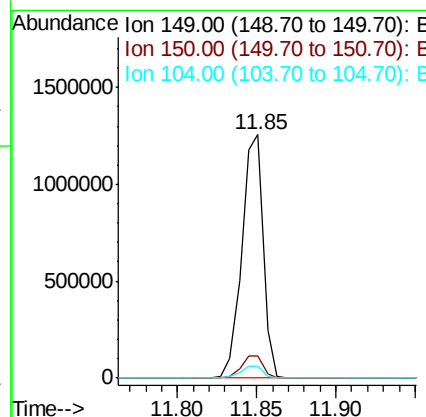
RT: 11.85 min Scan# 1660

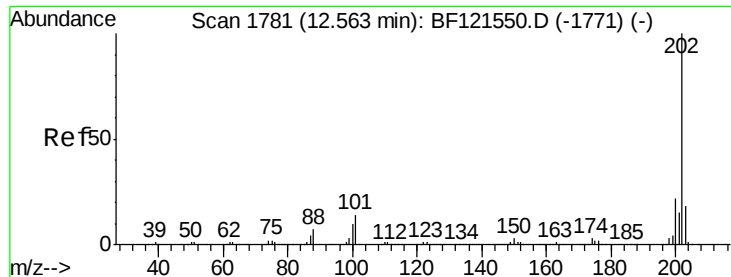
Delta R.T. -0.01 min

Lab File: BF121816.D

Acq: 5 Oct 2020 13:43

Tgt Ion:	149	Resp:	1171484
Ion Ratio	Lower	Upper	
149	100		
150	9.2	7.7	11.5
104	4.9	4.2	6.2





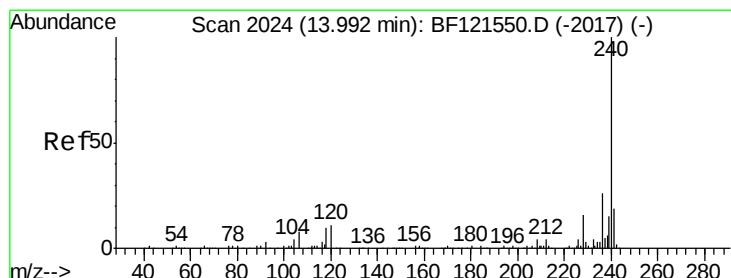
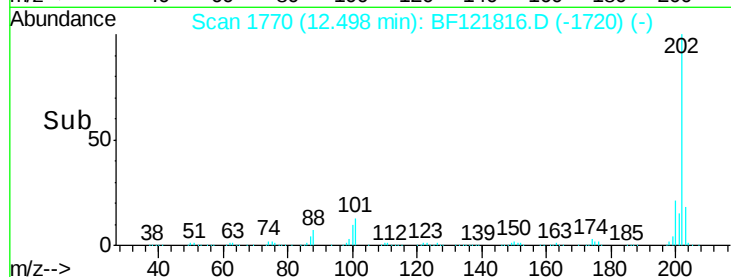
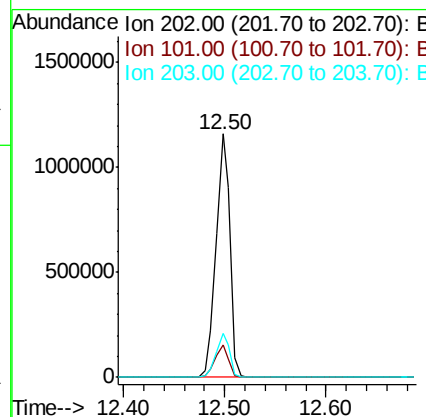
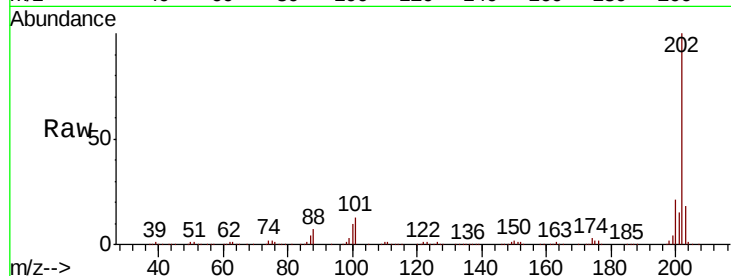
#75
Fluoranthene
Concen: 46.404 ng
RT: 12.50 min Scan# 1770
Delta R.T. -0.01 min
Lab File: BF121816.D
Acq: 5 Oct 2020 13:43

Instrument :
BNA_F
ClientSampleId :
PB-2020-WS-000-01MSD

Tot Ion	Ratio	Lower	Upper
202	100		
101	13.4	0.0	33.4
203	17.9	0.0	37.9

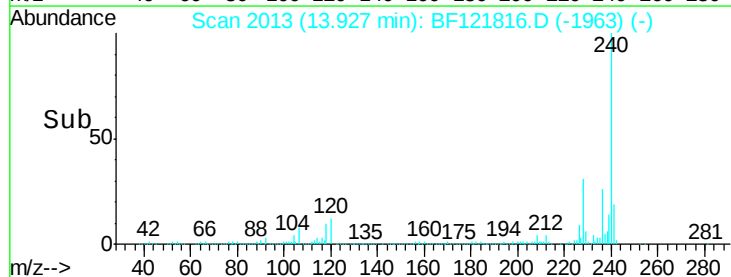
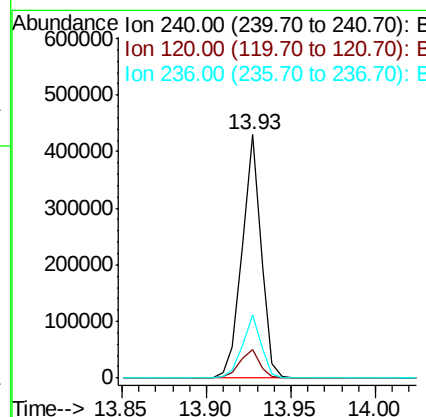
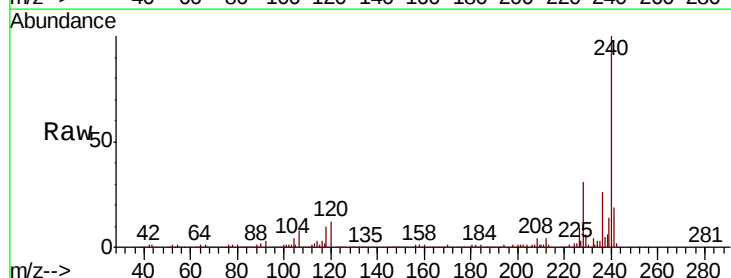
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#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.93 min Scan# 2013
Delta R.T. -0.01 min
Lab File: BF121816.D
Acq: 5 Oct 2020 13:43

Tgt Ion	Ratio	Lower	Upper
240	100		
120	11.6	9.2	13.8
236	25.8	20.9	31.3





#77

Benzidine

Concen: 4.459 ng

RT: 12.62 min Scan# 1791

Delta R.T. -0.01 min

Lab File: BF121816.D

Acq: 5 Oct 2020 13:43

Instrument :

BNA_F

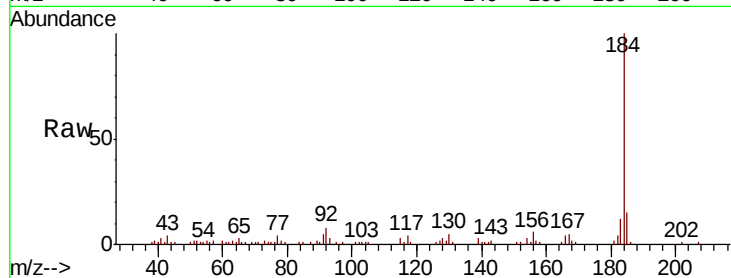
ClientSampleId :

PB-2020-WS-000-01MSD

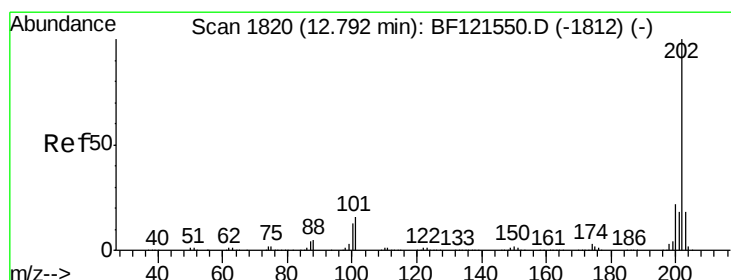
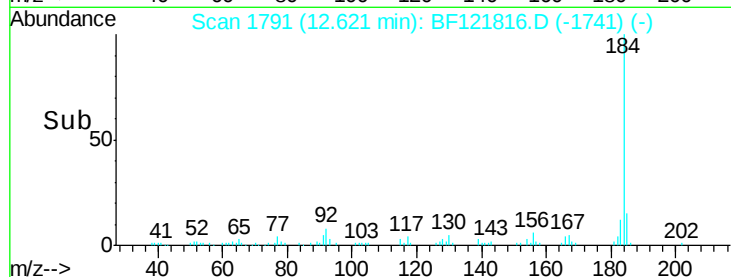
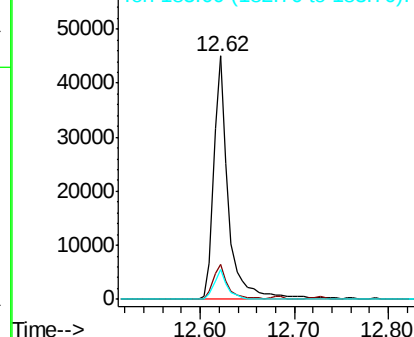
Tot Ion:	184	Resp:	49678
Ion Ratio	Lower	Upper	
184	100		
185	14.5	11.6	17.4
183	12.0	9.4	14.0

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



#78

Pyrene

Concen: 45.520 ng

RT: 12.73 min Scan# 1809

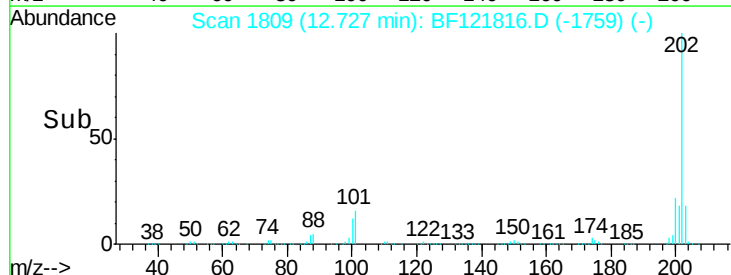
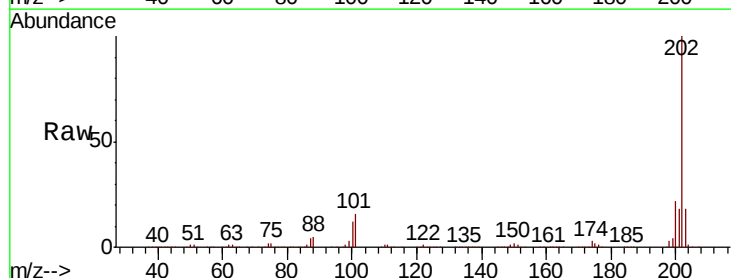
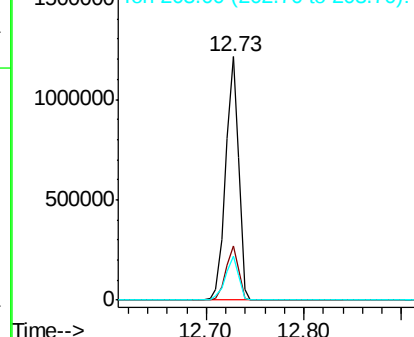
Delta R.T. -0.01 min

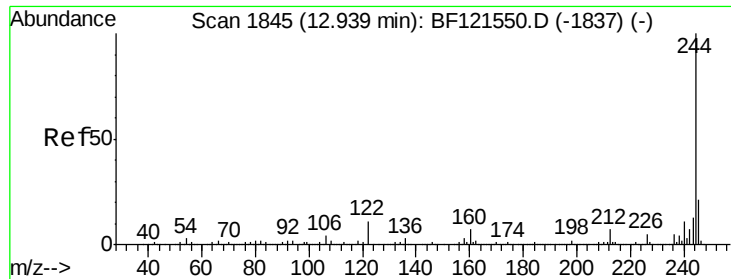
Lab File: BF121816.D

Acq: 5 Oct 2020 13:43

Tgt Ion:	202	Resp:	1117629
Ion Ratio	Lower	Upper	
202	100		
200	22.2	17.4	26.2
203	18.0	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





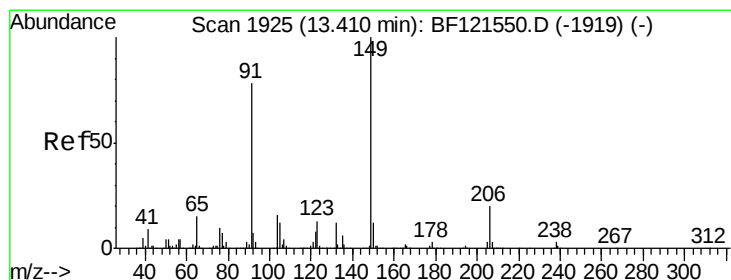
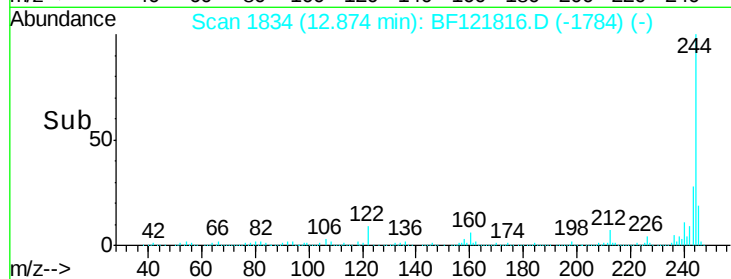
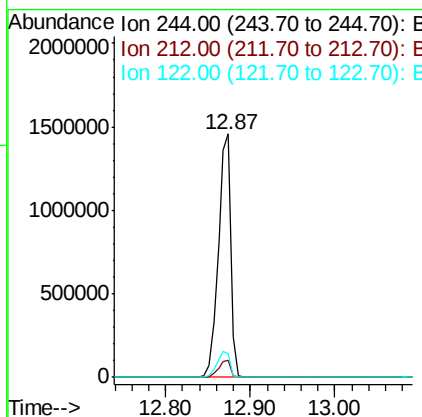
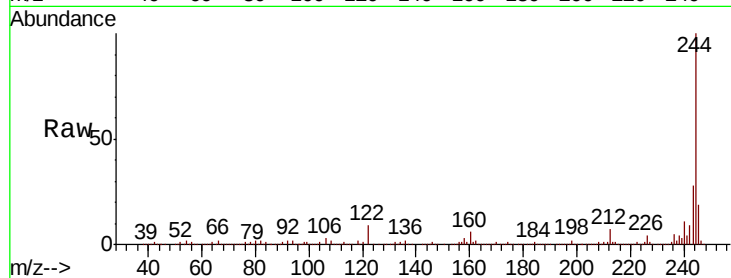
#79
 Terphenyl-d14
 Concen: 91.795 ng
 RT: 12.87 min Scan# 1834
 Delta R.T. -0.01 min
 Lab File: BF121816.D
 Acq: 5 Oct 2020 13:43

Instrument :
 BNA_F
 ClientSampleId :
 PB-2020-WS-000-01MSD

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.4	8.2
122	9.4	8.1	12.1

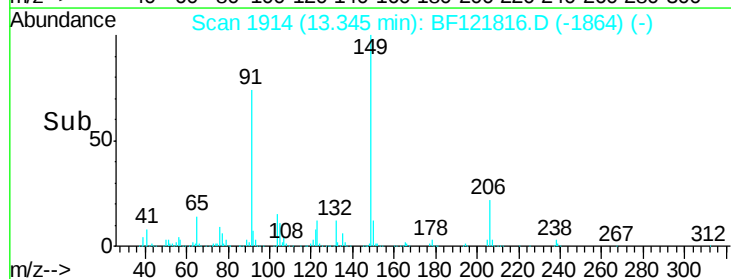
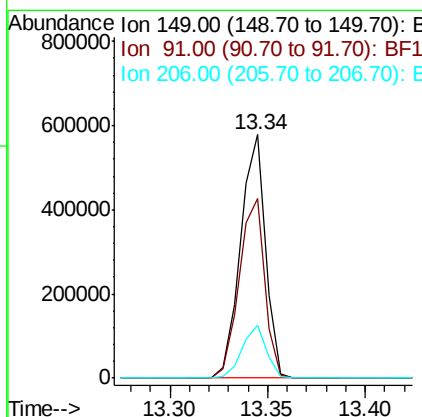
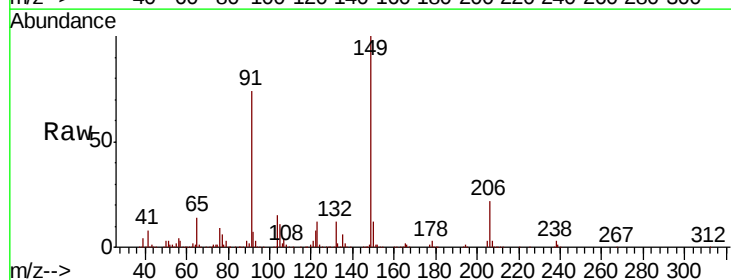
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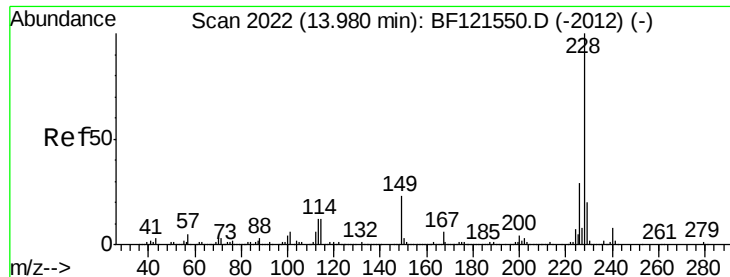
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#80
 Butylbenzylphthalate
 Concen: 51.666 ng
 RT: 13.34 min Scan# 1914
 Delta R.T. -0.01 min
 Lab File: BF121816.D
 Acq: 5 Oct 2020 13:43

Tgt Ion	Ratio	Lower	Upper
149	100		
91	74.0	61.0	91.4
206	21.6	16.7	25.1





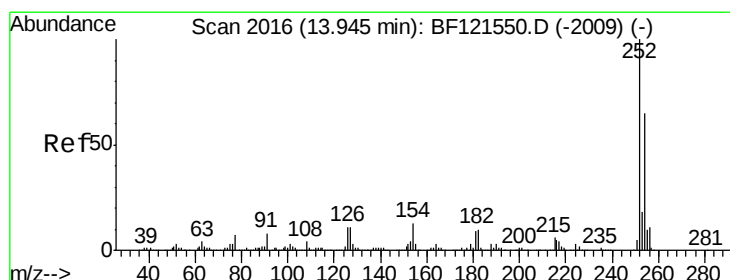
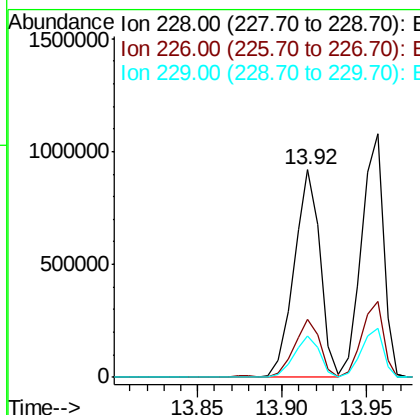
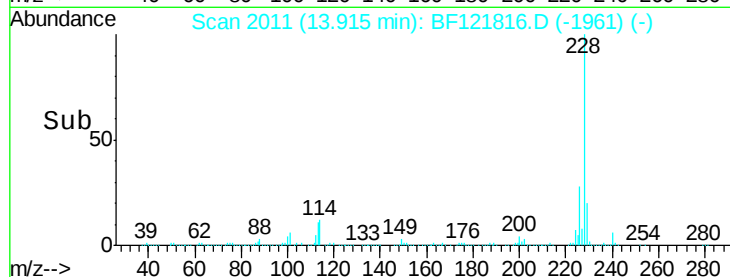
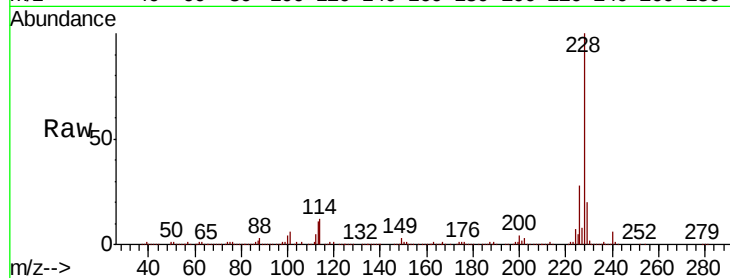
#81
Benzo(a)anthracene
Concen: 46.028 ng
RT: 13.92 min Scan# 2011
Delta R.T. -0.01 min
Lab File: BF121816.D
Acq: 5 Oct 2020 13:43

Instrument :
BNA_F
ClientSampleId :
PB-2020-WS-000-01MSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.9	22.3	33.5
229	20.0	16.2	24.4

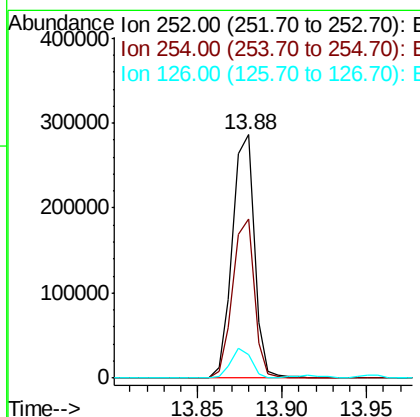
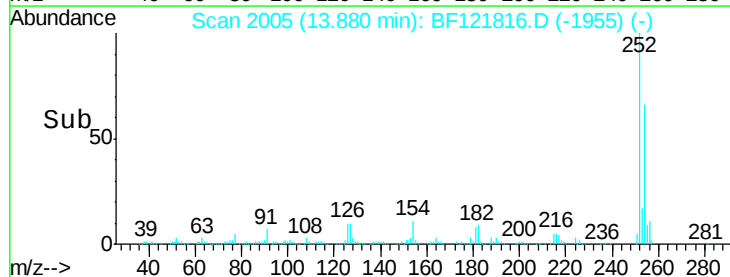
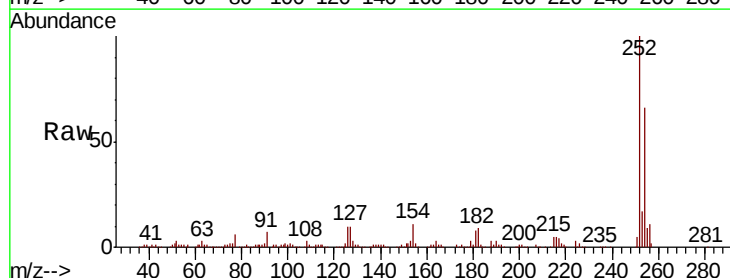
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#82
3,3'-Dichlorobenzidine
Concen: 31.355 ng
RT: 13.88 min Scan# 2005
Delta R.T. -0.01 min
Lab File: BF121816.D
Acq: 5 Oct 2020 13:43

Tgt Ion	Ratio	Lower	Upper
252	100		
254	65.6	51.8	77.6
126	9.7	8.8	13.2





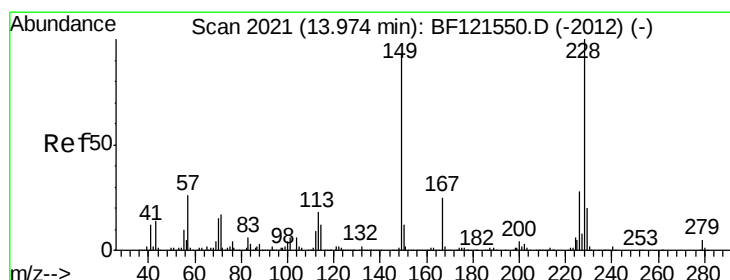
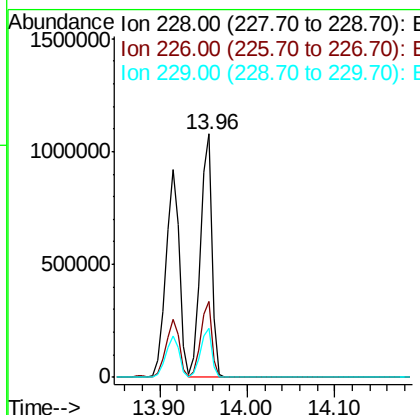
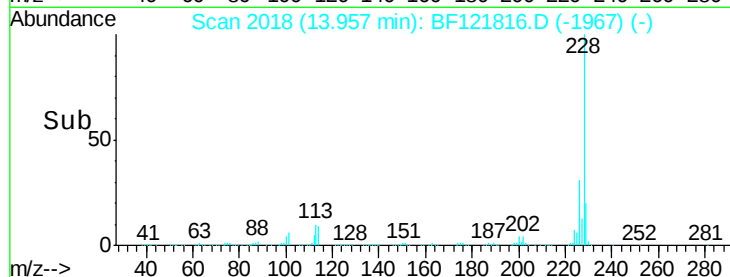
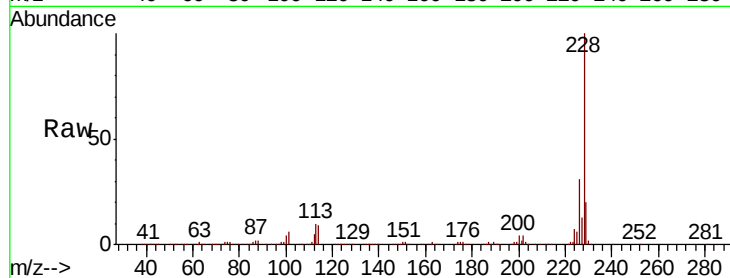
#83
 Chrvsene
 Concen: 45.592 ng
 RT: 13.96 min Scan# 2018
 Delta R.T. 0.00 min
 Lab File: BF121816.D
 Acq: 5 Oct 2020 13:43

Instrument :
 BNA_F
 ClientSampleId :
 PB-2020-WS-000-01MSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.0	24.6	37.0
229	19.9	15.9	23.9

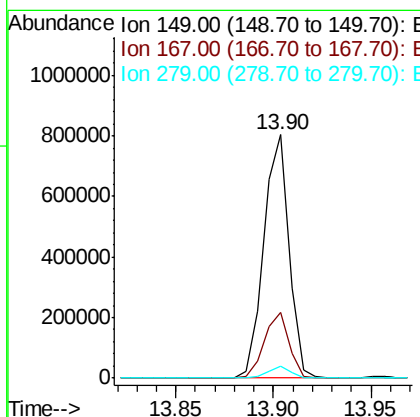
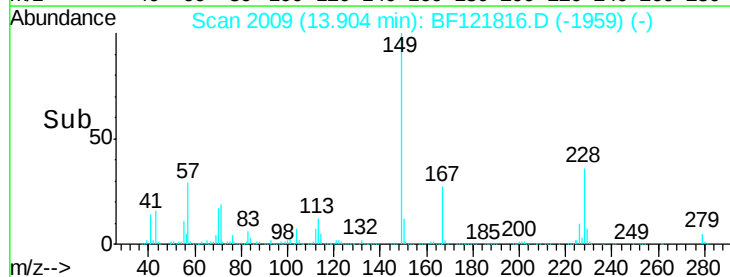
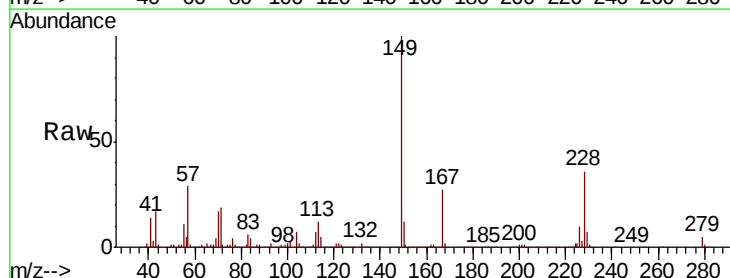
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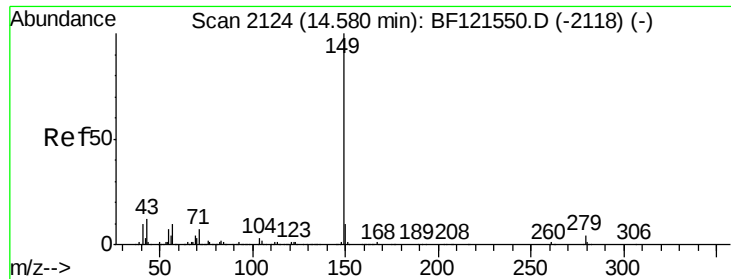
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 54.325 ng
 RT: 13.90 min Scan# 2009
 Delta R.T. -0.01 min
 Lab File: BF121816.D
 Acq: 5 Oct 2020 13:43

Tgt Ion	Ratio	Lower	Upper
149	100		
167	26.8	20.9	31.3
279	4.7	3.2	4.8





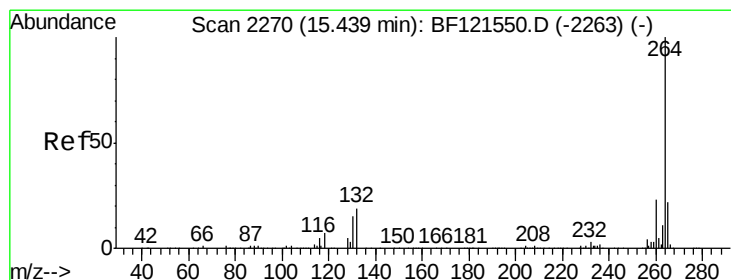
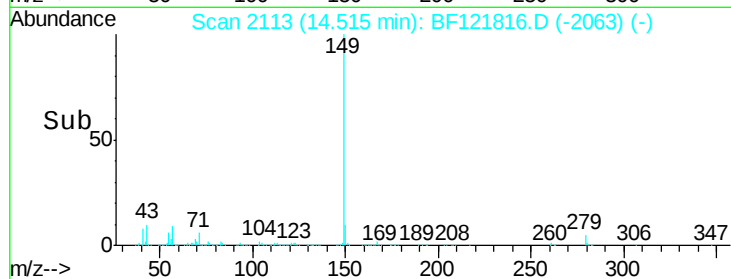
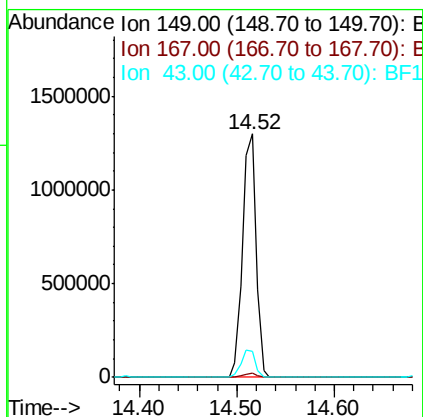
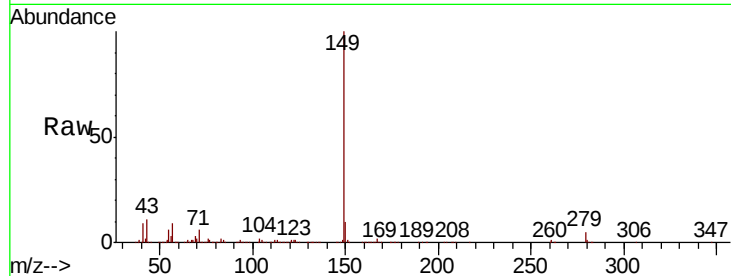
#85
Di-n-octyl phthalate
Concen: 53.993 ng
RT: 14.52 min Scan# 2113
Delta R.T. -0.01 min
Lab File: BF121816.D
Acq: 5 Oct 2020 13:43

Instrument :
BNA_F
ClientSampleId :
PB-2020-WS-000-01MSD

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	11.4	9.0	13.6

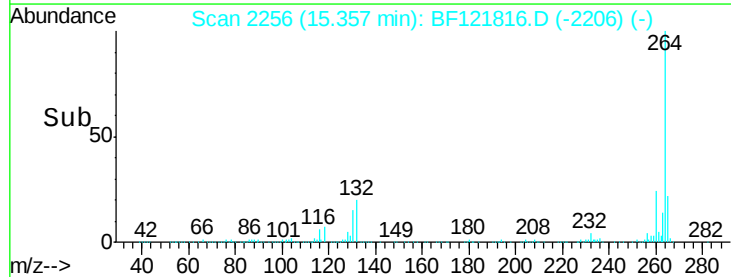
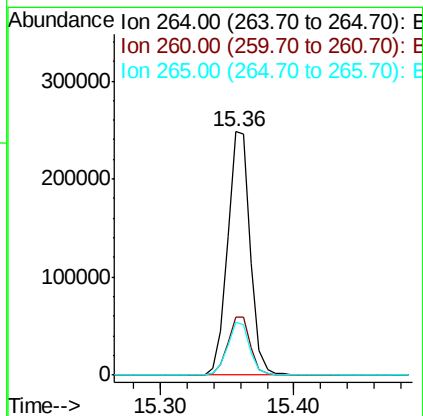
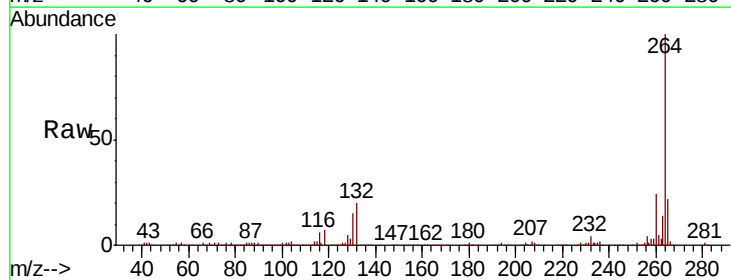
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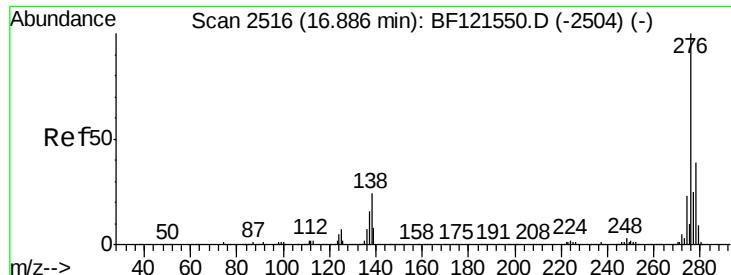
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#86
Perylene-d12
Concen: 20.000 ng
RT: 15.36 min Scan# 2256
Delta R.T. -0.01 min
Lab File: BF121816.D
Acq: 5 Oct 2020 13:43

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.0	18.7	28.1
265	21.8	17.3	25.9





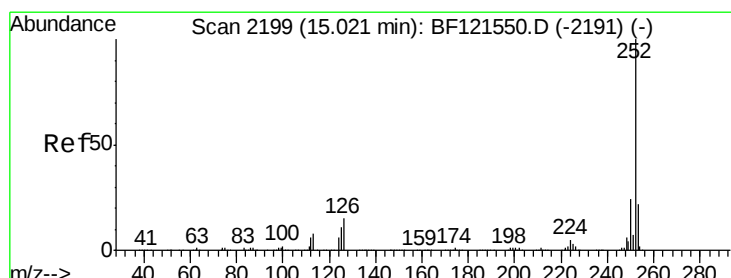
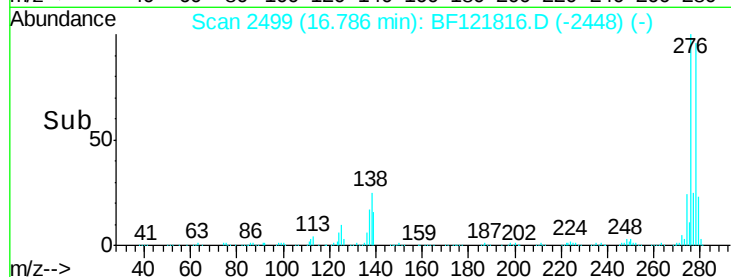
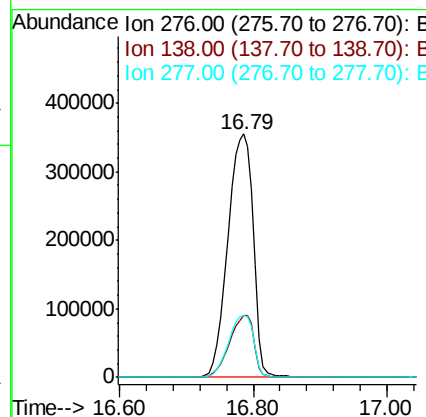
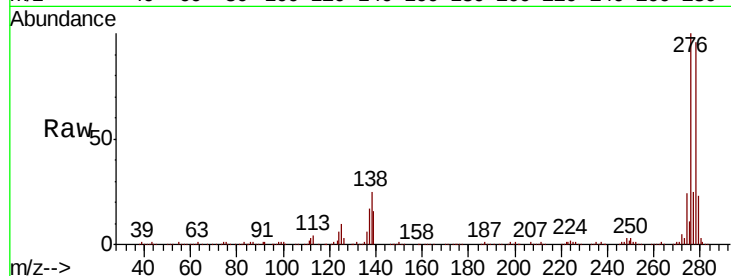
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 49.337 ng
 RT: 16.79 min Scan# 2499
 Delta R.T. 0.00 min
 Lab File: BF121816.D
 Acq: 5 Oct 2020 13:43

Instrument :
 BNA_F
 ClientSampleId :
 PB-2020-WS-000-01MSD

Tot Ion	Ratio	Lower	Upper
276	100		
138	24.6	19.9	29.9
277	25.3	20.4	30.6

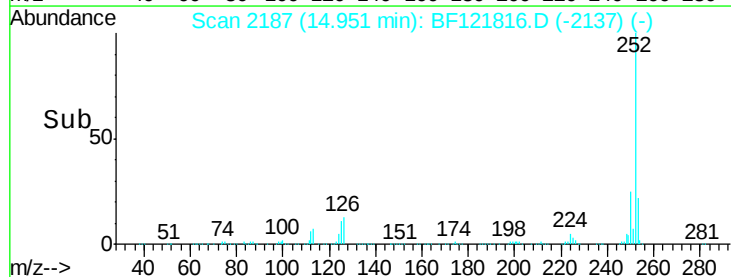
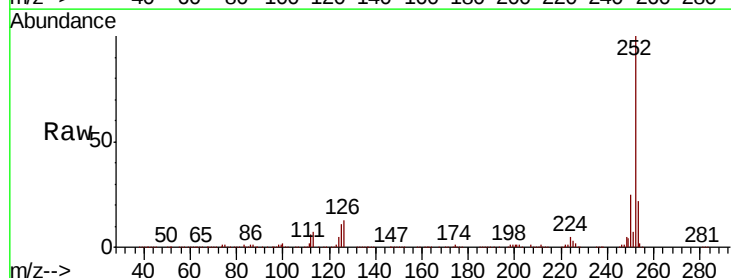
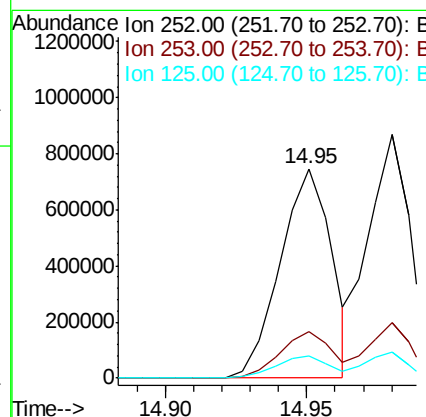
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#88
 Benzo(b)fluoranthene
 Concen: 47.491 ng
 RT: 14.95 min Scan# 2187
 Delta R.T. -0.01 min
 Lab File: BF121816.D
 Acq: 5 Oct 2020 13:43

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.2	27.2
125	10.5	8.0	12.0





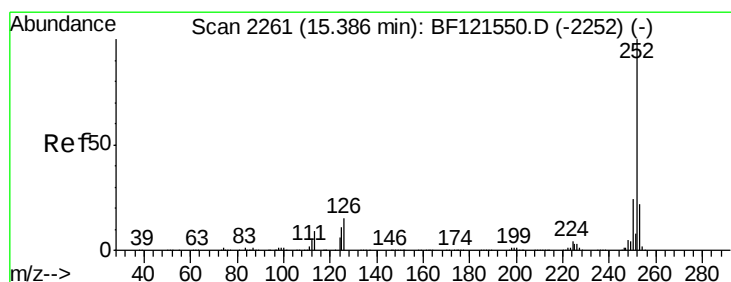
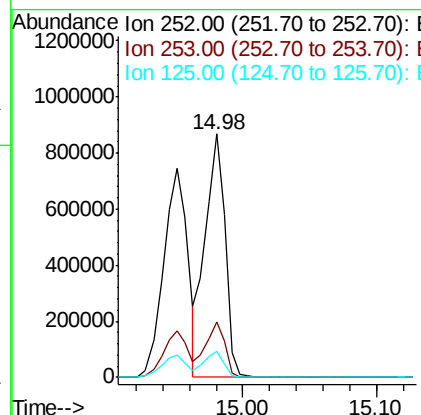
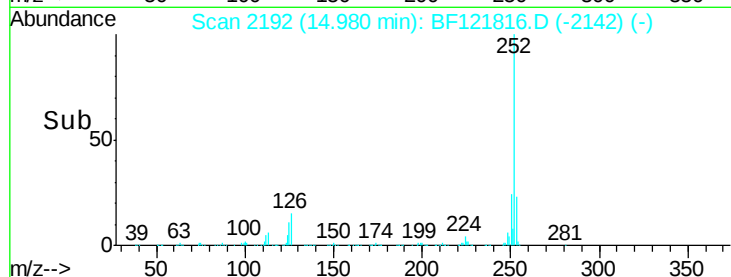
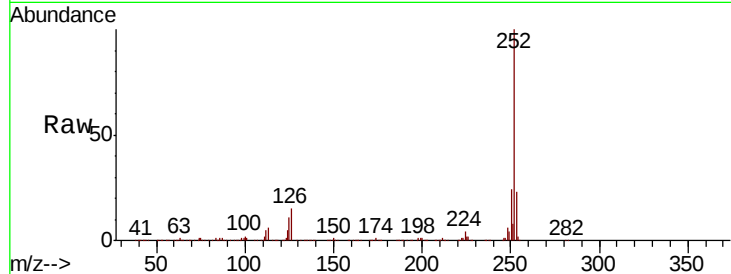
#89
Benzo(k)fluoranthene
Concen: 49.332 ng
RT: 14.98 min Scan# 2192
Delta R.T. -0.01 min
Lab File: BF121816.D
Acq: 5 Oct 2020 13:43

Instrument :
BNA_F
ClientSampleId :
PB-2020-WS-000-01MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.8	26.6
125	10.6	7.7	11.5

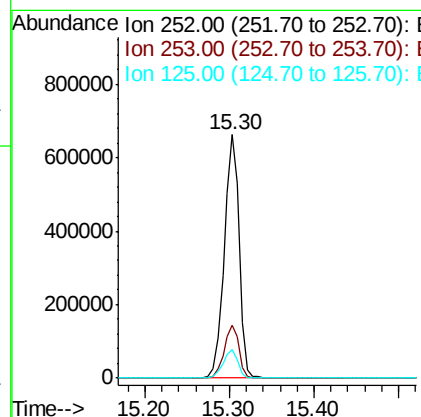
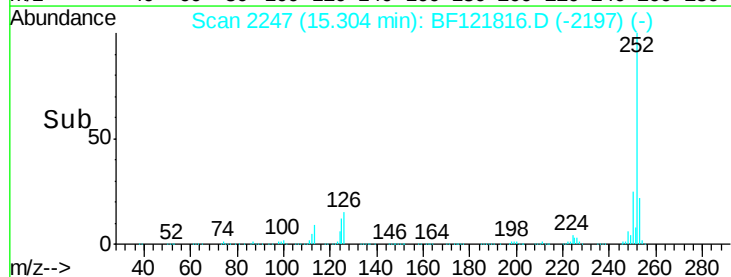
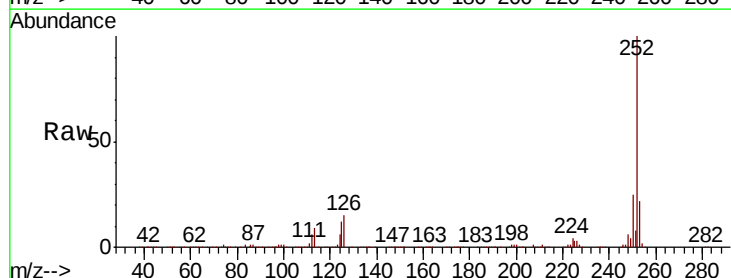
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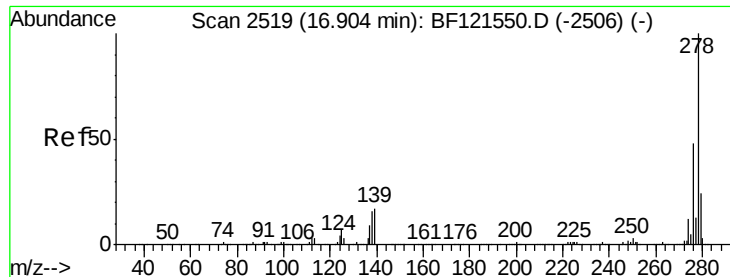
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#90
Benzo(a)pyrene
Concen: 48.322 ng
RT: 15.30 min Scan# 2247
Delta R.T. -0.01 min
Lab File: BF121816.D
Acq: 5 Oct 2020 13:43

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.3	25.9
125	11.8	8.6	13.0





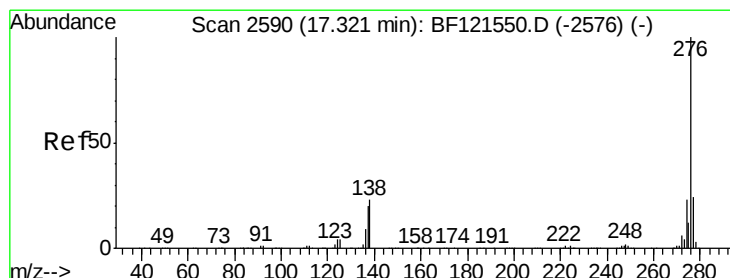
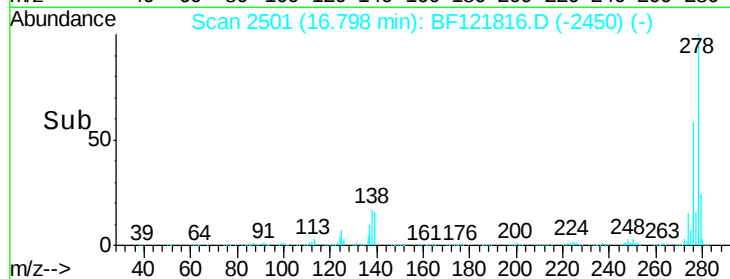
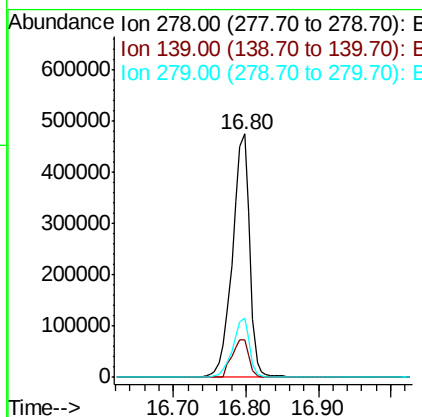
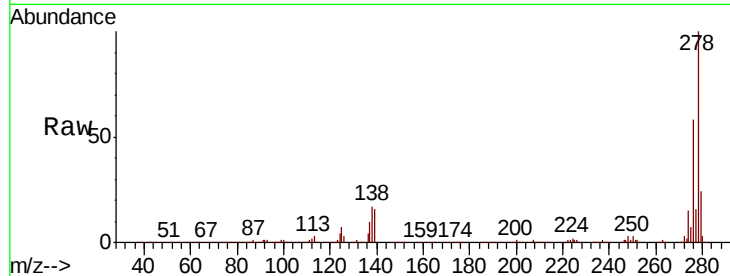
#91
Dibenzo(a,h)anthracene
Concen: 48.761 ng
RT: 16.80 min Scan# 2501
Delta R.T. 0.00 min
Lab File: BF121816.D
Acq: 5 Oct 2020 13:43

Instrument :
BNA_F
ClientSampleId :
PB-2020-WS-000-01MSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	15.6	13.0	19.4
279	24.2	19.0	28.4

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#92
Benzo(g,h,i)perylene
Concen: 50.084 ng
RT: 17.21 min Scan# 2571
Delta R.T. 0.00 min
Lab File: BF121816.D
Acq: 5 Oct 2020 13:43

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.0	19.4	29.2
138	22.1	17.8	26.6

