

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091820\
 Data File : BF121609.D
 Acq On : 18 Sep 2020 10:32
 Operator : JU/CG
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

mohammad
 9/21/2020 10:34:02 AM

Quant Time: Sep 18 12:16:13 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 10 16:47:54 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	220050	20.00	ng	0.00
21) Naphthalene-d8	8.11	136	828095	20.00	ng	0.00
39) Acenaphthene-d10	9.86	164	440225	20.00	ng	0.00
64) Phenanthrene-d10	11.35	188	832054	20.00	ng	0.00
76) Chrysene-d12	13.99	240	638014	20.00	ng	0.00
86) Perylene-d12	15.44	264	595428	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.45	112	1186743	80.15	ng	0.00
7) Phenol-d6	6.47	99	1579443	81.31	ng	0.01
23) Nitrobenzene-d5	7.40	82	1402379	90.93	ng	0.00
42) 2,4,6-Tribromophenol	10.66	330	537524	98.24	ng	0.00
45) 2-Fluorobiphenyl	9.19	172	2312538	79.56	ng	0.00
79) Terphenyl-d14	12.94	244	2775459	88.13	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.58	88	275130	40.445	ng	99
3) Pyridine	3.33	79	786573	41.826	ng	99
4) n-Nitrosodimethylamine	3.30	42	379124	43.463	ng	99
6) Aniline	6.50	93	1001681	39.592	ng	97
8) 2-Chlorophenol	6.62	128	637410	42.281	ng	96
9) Benzaldehyde	6.38	77	478912	37.712	ng	98
10) Phenol	6.49	94	807722	39.047	ng	# 72
11) bis(2-Chloroethyl)ether	6.57	93	674468	43.260	ng	99
12) 1,3-Dichlorobenzene	6.77	146	709218	42.148	ng	97
13) 1,4-Dichlorobenzene	6.85	146	708767	41.949	ng	98
14) 1,2-Dichlorobenzene	7.00	146	630323	40.497	ng	97
15) Benzyl Alcohol	6.97	79	563980	42.714	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.10	45	1031860	41.128	ng	88
17) 2-Methylphenol	7.09	107	557228	43.441	ng	# 93
18) Hexachloroethane	7.34	117	264048	43.646	ng	97
19) n-Nitroso-di-n-propylamine	7.26	70	484781	43.301	ng	98
20) 3+4-Methylphenols	7.25	107	606654	39.363	ng	# 89
22) Acetophenone	7.25	105	870764	41.445	ng	# 93
24) Nitrobenzene	7.42	77	741422	44.447	ng	99
25) Isophorone	7.66	82	1407435	45.333	ng	99
26) 2-Nitrophenol	7.73	139	362225	46.226	ng	91
27) 2,4-Dimethylphenol	7.77	122	586785	42.340	ng	98
28) bis(2-Chloroethoxy)methane	7.86	93	837379	43.567	ng	99
29) 2,4-Dichlorophenol	7.97	162	560153	44.377	ng	99
30) 1,2,4-Trichlorobenzene	8.05	180	582323	43.804	ng	99
31) Naphthalene	8.13	128	1824366	41.734	ng	99
32) Benzoic acid	7.93	122	391471	39.325	ng	99
33) 4-Chloroaniline	8.19	127	811533	42.828	ng	99
34) Hexachlorobutadiene	8.25	225	357304	45.790	ng	99
35) Caprolactam	8.59	113	196459	46.737	ng	96
36) 4-Chloro-3-methylphenol	8.67	107	611975	45.006	ng	100
37) 2-Methylnaphthalene	8.82	142	1223688	42.716	ng	98
38) 1-Methylnaphthalene	8.92	142	1129745	42.374	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.99	216	588740	42.814	ng	99

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.97	237	350234	44.599	nq	100
43) 2,4,6-Trichlorophenol	9.10	196	414426	44.215	nq	99
44) 2,4,5-Trichlorophenol	9.15	196	440199	44.425	nq	96
46) 1,1'-Biphenyl	9.29	154	1436001	40.746	nq	98
47) 2-Chloronaphthalene	9.32	162	1140348	41.061	nq	99
48) 2-Nitroaniline	9.41	65	421874	48.883	nq	99
49) Acenaphthylene	9.73	152	1756339	41.160	nq	99
50) Dimethylphthalate	9.60	163	1474211	46.204	nq	99
51) 2,6-Dinitrotoluene	9.66	165	322382	47.443	nq	89
52) Acenaphthene	9.90	154	1151554m	42.726	nq	
53) 3-Nitroaniline	9.83	138	361888	45.973	nq	98
54) 2,4-Dinitrophenol	9.93	184	184047	50.697	nq	100
55) Dibenzofuran	10.07	168	1549424	40.823	nq	99
56) 4-Nitrophenol	10.00	139	282591	45.015	nq	92
57) 2,4-Dinitrotoluene	10.06	165	422815	49.460	nq	92
58) Fluorene	10.42	166	1197085	41.243	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.19	232	370818	46.033	nq	97
60) Diethylphthalate	10.29	149	1397580	44.926	nq	99
61) 4-Chlorophenyl-phenylether	10.40	204	604248	43.458	nq	99
62) 4-Nitroaniline	10.45	138	363277	46.480	nq	100
63) Azobenzene	10.57	77	1410194	42.568	nq	97
65) 4,6-Dinitro-2-methylphenol	10.47	198	254690	49.614	nq	96
66) n-Nitrosodiphenylamine	10.53	169	1191400	41.736	nq	99
67) 4-Bromophenyl-phenylether	10.89	248	427906	45.170	nq	98
68) Hexachlorobenzene	10.96	284	477088	44.626	nq	95
69) Atrazine	11.05	200	297015	41.880	nq	98
70) Pentachlorophenol	11.16	266	259724	44.236	nq	99
71) Phenanthrene	11.37	178	1860464	41.039	nq	100
72) Anthracene	11.43	178	1901758	40.651	nq	99
73) Carbazole	11.58	167	1766449	41.842	nq	100
74) Di-n-butylphthalate	11.91	149	2119286	43.495	nq	99
75) Fluoranthene	12.56	202	2016903	41.677	nq	98
77) Benzidine	12.68	184	846203	40.007	nq	100
78) Pyrene	12.79	202	2061098	44.215	nq	100
80) Butylbenzylphthalate	13.40	149	930681	49.366	nq	99
81) Benzo(a)anthracene	13.98	228	1796189	44.500	nq	100
82) 3,3'-Dichlorobenzidine	13.94	252	734045	46.582	nq	99
83) Chrysene	14.02	228	1746606	42.732	nq	99
84) Bis(2-ethylhexyl)phthalate	13.96	149	1223860	48.593	nq	100
85) Di-n-octyl phthalate	14.57	149	2129707	47.915	nq	100
87) Indeno(1,2,3-cd)pyrene	16.89	276	1691948	43.634	nq	98
88) Benzo(b)fluoranthene	15.02	252	1943711	48.831	nq	99
89) Benzo(k)fluoranthene	15.06	252	1450524m	39.794	nq	
90) Benzo(a)pyrene	15.38	252	1518170	44.869	nq	99
91) Dibenzo(a,h)anthracene	16.91	278	1384224	42.884	nq	97
92) Benzo(g,h,i)perylene	17.33	276	1376411	43.380	nq	97

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



#1

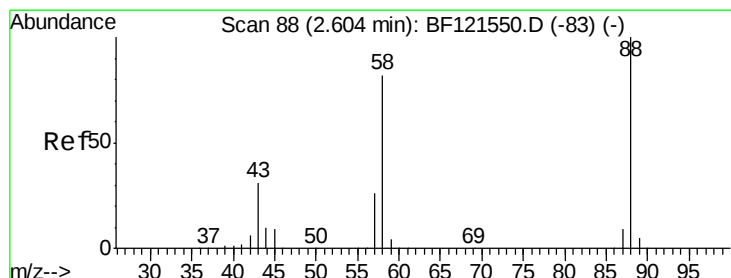
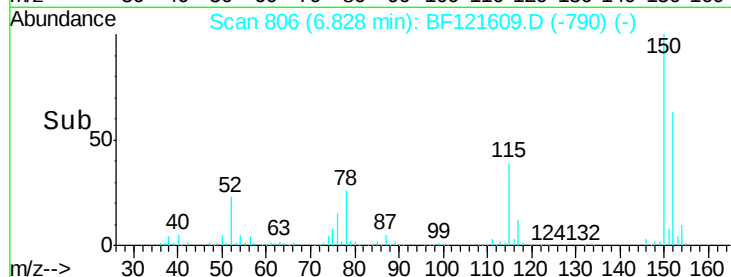
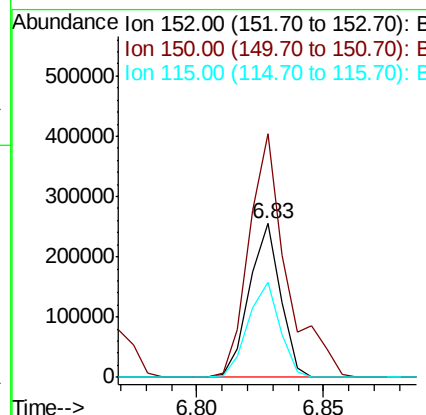
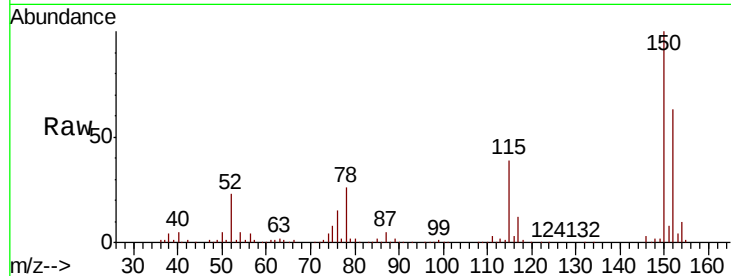
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 806
Delta R.T. -0.01 min
Lab File: BF121609.D
Acq: 18 Sep 2020 10:32

Instrument :
BNA_F
ClientSampled :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.7	125.8	188.6
115	62.3	47.8	71.8

Manual Integrations
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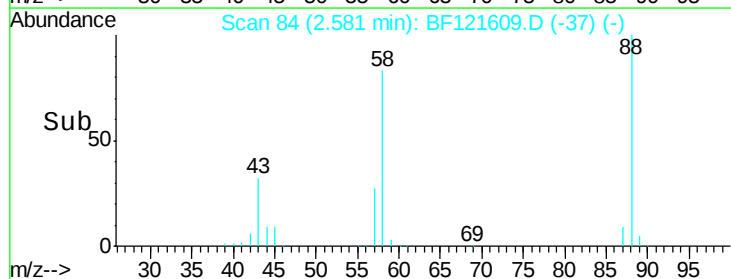
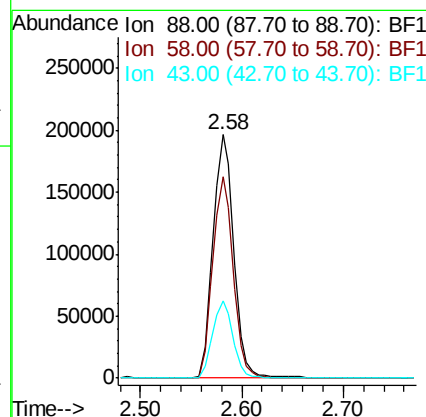
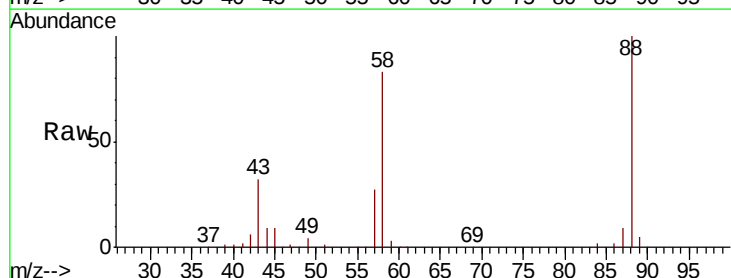
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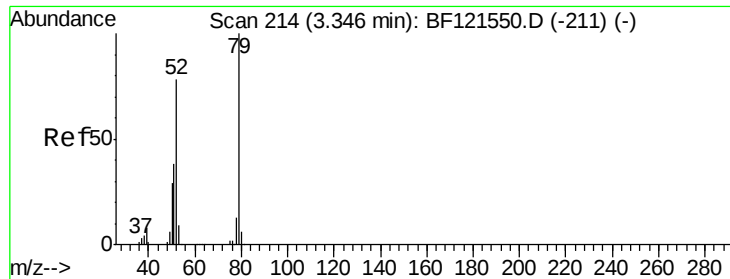


#2

1,4-Dioxane
Concen: 40.445 ng
RT: 2.58 min Scan# 84
Delta R.T. -0.02 min
Lab File: BF121609.D
Acq: 18 Sep 2020 10:32

Tgt Ion	Ratio	Lower	Upper
88	100		
58	82.6	65.1	97.7
43	31.8	25.0	37.4





#3

Pvridine

Concen: 41.826 ng

RT: 3.33 min Scan# 211

Delta R.T. -0.02 min

Lab File: BF121609.D

Acq: 18 Sep 2020 10:32

Instrument :

BNA_F

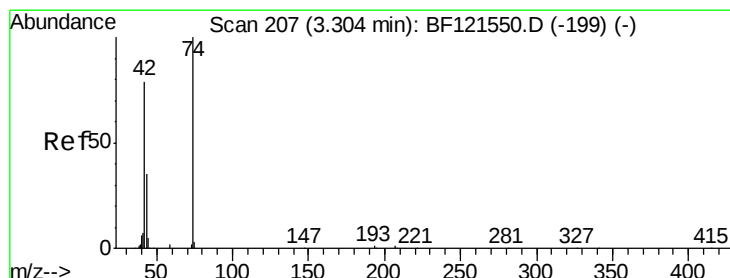
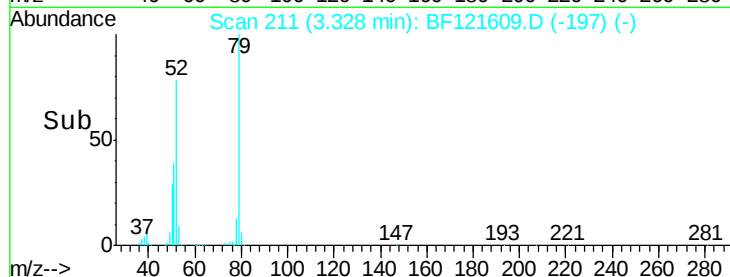
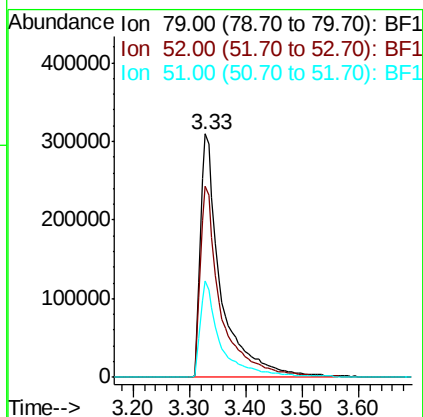
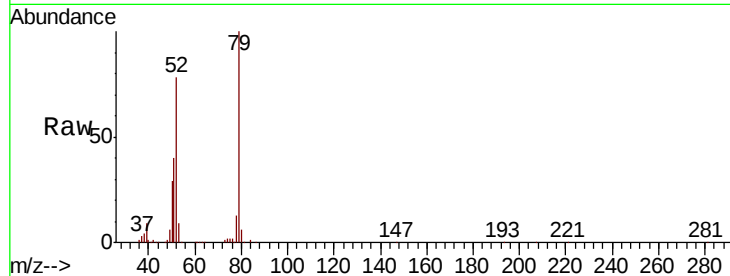
ClientSampleId :

SSTDCCC040

Tot Ion:	79	Resp:	786573
Ion Ratio	Lower	Upper	
79	100		
52	78.5	62.2	93.2
51	39.6	30.6	45.8

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 43.463 ng

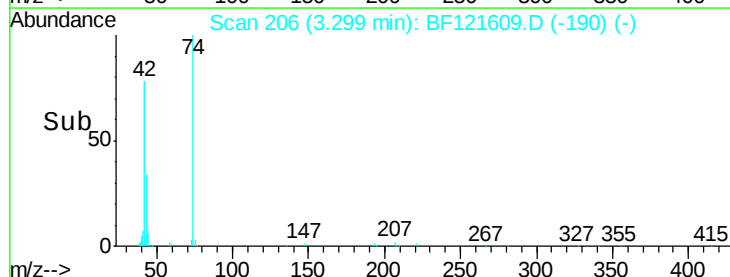
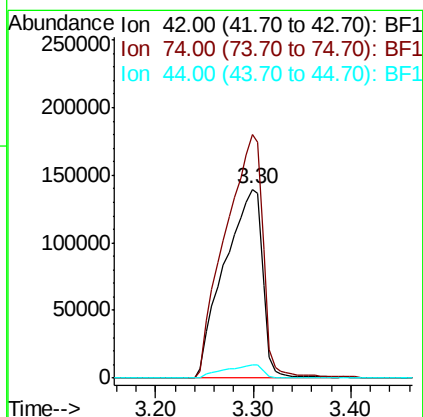
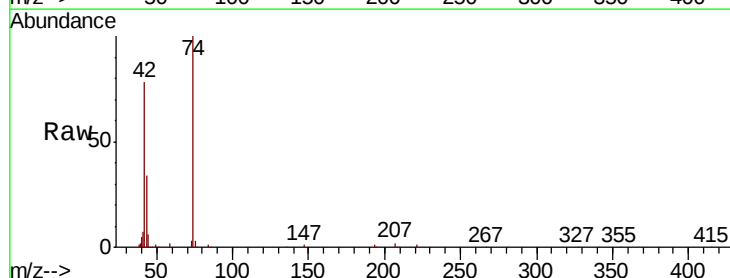
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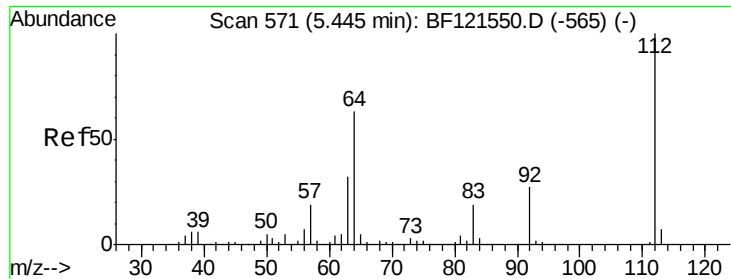
Delta R.T. -0.01 min

Lab File: BF121609.D

Acq: 18 Sep 2020 10:32

Tgt Ion:	42	Resp:	379124
Ion Ratio	Lower	Upper	
42	100		
74	128.8	101.7	152.5
44	7.3	5.4	8.2





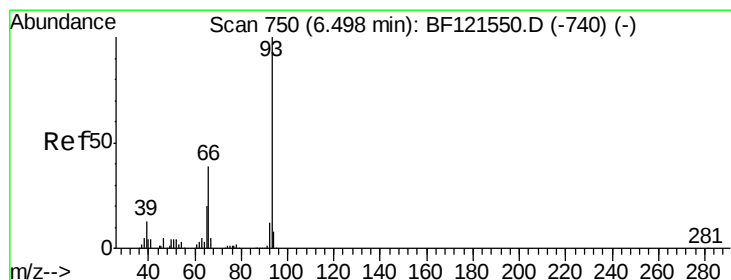
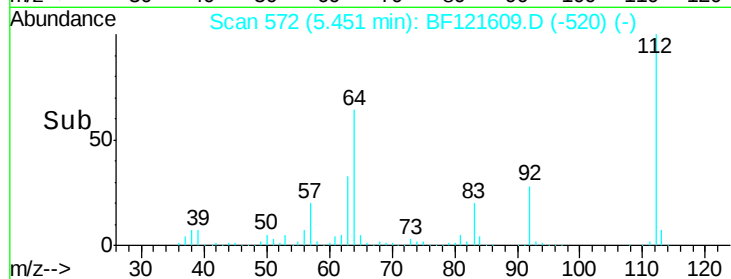
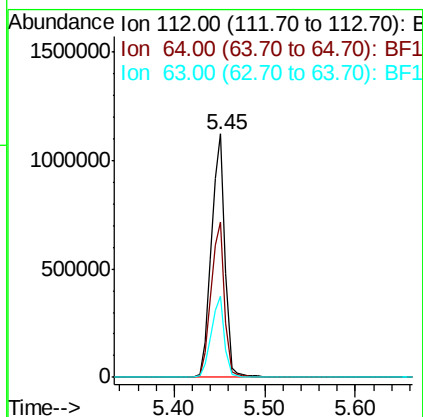
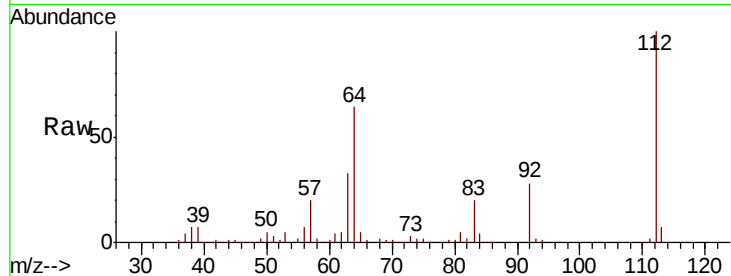
#5
2-Fluorophenol
Concen: 80.148 ng
RT: 5.45 min Scan# 572
Delta R.T. 0.01 min
Lab File: BF121609.D
Acq: 18 Sep 2020 10:32

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
112	100		
64	63.8	50.3	75.5
63	33.1	25.6	38.4

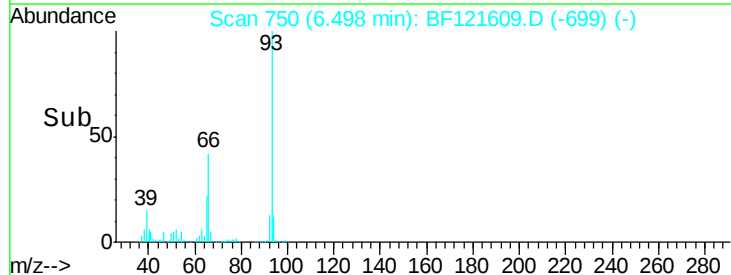
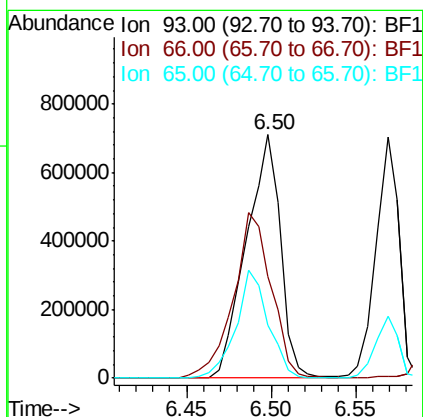
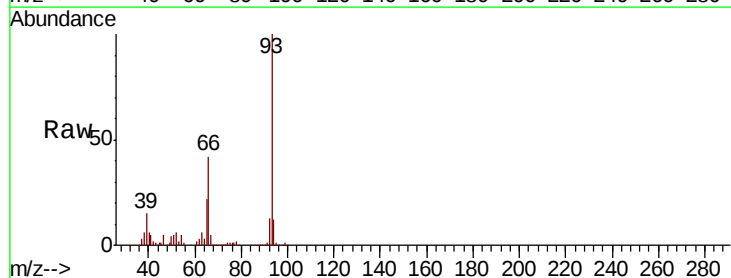
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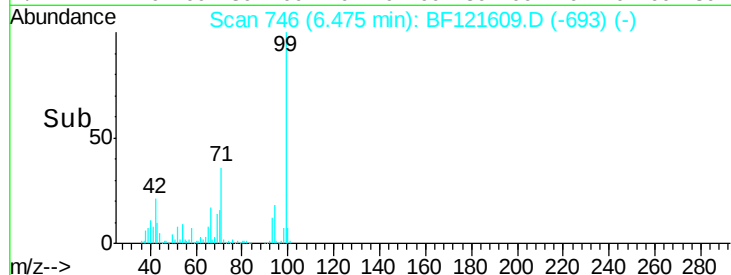
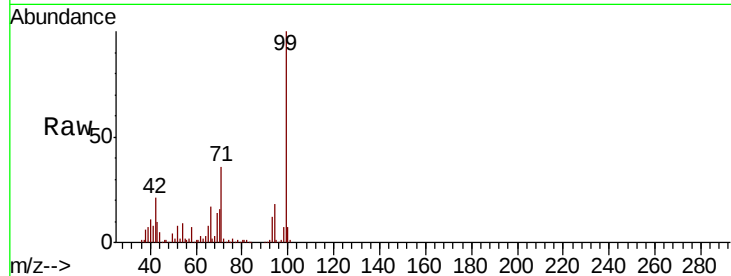
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#6
Aniline
Concen: 39.592 ng
RT: 6.50 min Scan# 750
Delta R.T. 0.00 min
Lab File: BF121609.D
Acq: 18 Sep 2020 10:32

Tgt Ion	Ratio	Lower	Upper
93	100		
66	41.6	31.8	47.8
65	21.8	16.2	24.2





#7

Phenol-d6

Concen: 81.306 ng

RT: 6.47 min Scan# 746

Delta R.T. 0.01 min

Lab File: BF121609.D

Acq: 18 Sep 2020 10:32

Tot Ion:	99	Resp:	1579443
Ion	Ratio	Lower	Upper
99	100		
42	20.8	15.5	23.3
71	36.1	26.1	39.1

Instrument :

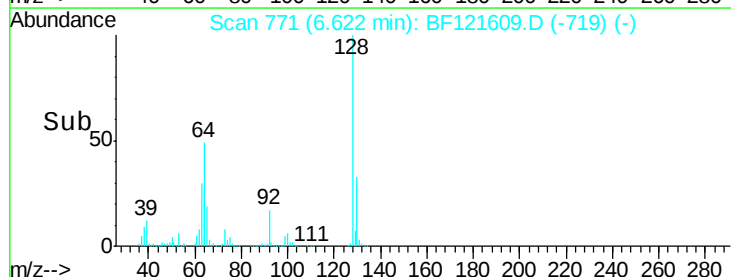
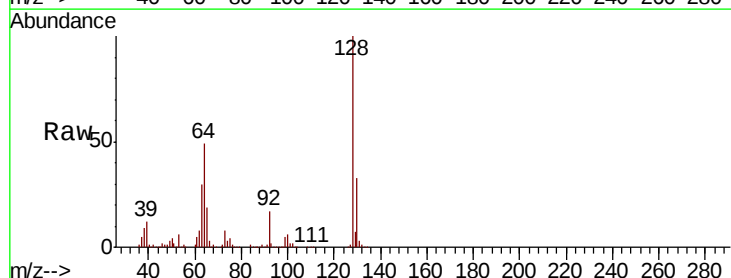
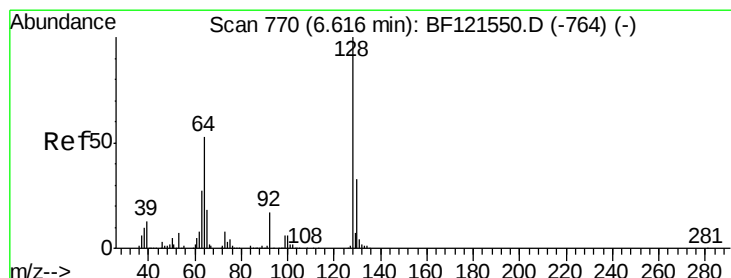
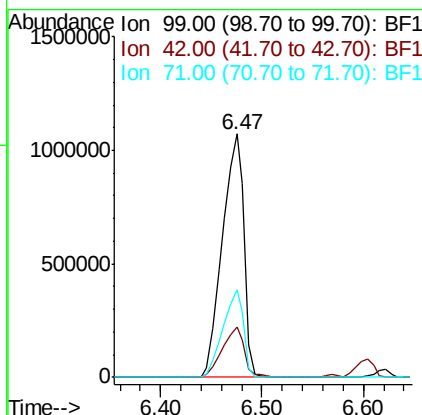
BNA_F

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SSTDCCC040

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#8

2-Chlorophenol

Concen: 42.281 ng

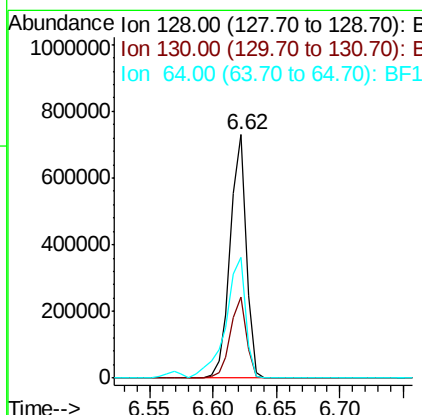
RT: 6.62 min Scan# 771

Delta R.T. 0.01 min

Lab File: BF121609.D

Acq: 18 Sep 2020 10:32

Tgt Ion:	128	Resp:	637410
Ion	Ratio	Lower	Upper
128	100		
130	33.1	12.6	52.6
64	49.5	33.1	73.1





#9

Benzaldehyde

Concen: 37.712 ng

RT: 6.38 min Scan# 730

Delta R.T. 0.00 min

Lab File: BF121609.D

Acq: 18 Sep 2020 10:32

Instrument :

BNA_F

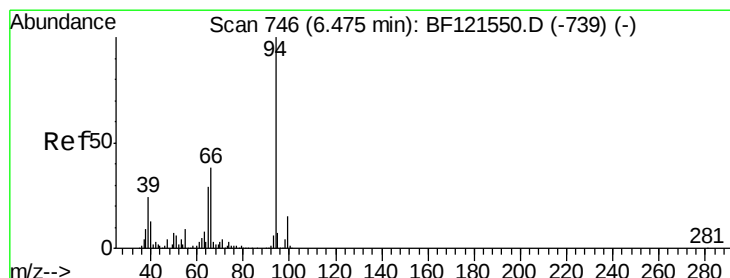
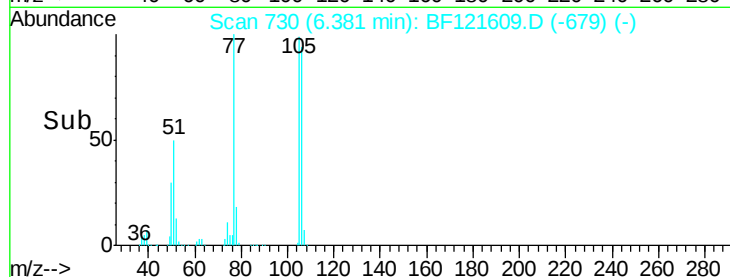
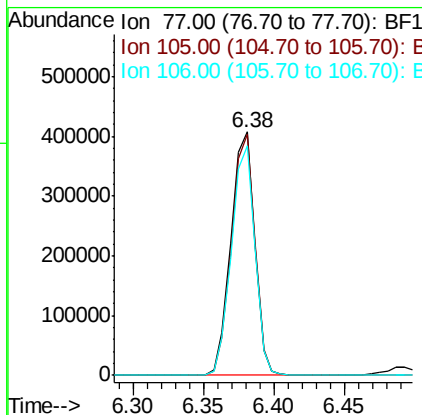
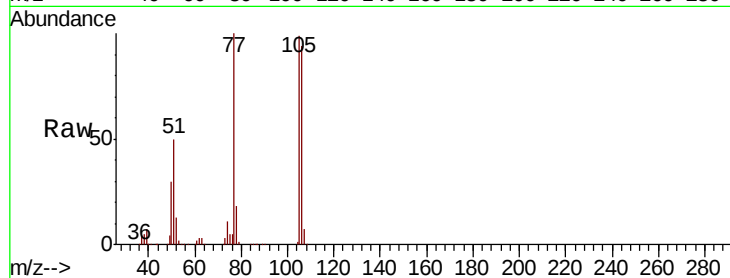
ClientSampled :

SSTDCCC040

Tot Ion:	77	Resp:	478912
Ion	Ratio	Lower	Upper
77	100		
105	98.8	76.4	116.4
106	94.2	73.5	113.5

Manual Integrations
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#10

Phenol

Concen: 39.047 ng

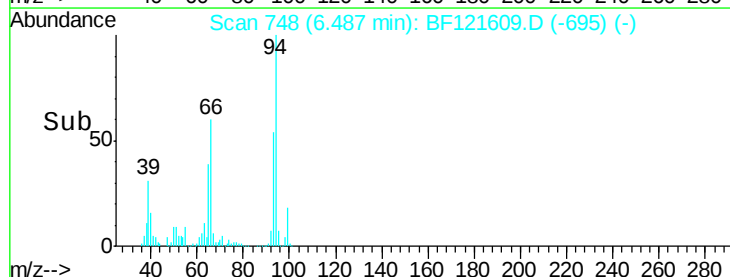
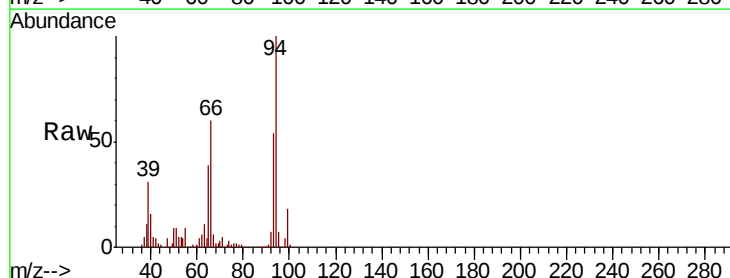
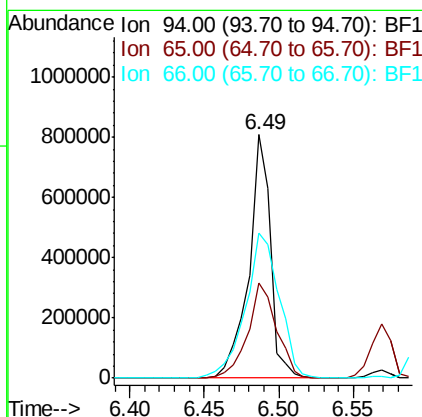
RT: 6.49 min Scan# 748

Delta R.T. 0.01 min

Lab File: BF121609.D

Acq: 18 Sep 2020 10:32

Tgt Ion:	94	Resp:	807722
Ion	Ratio	Lower	Upper
94	100		
65	39.1	9.4	49.4
66	59.8	18.3	58.3#





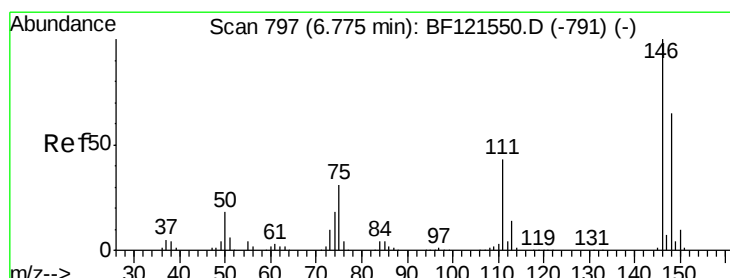
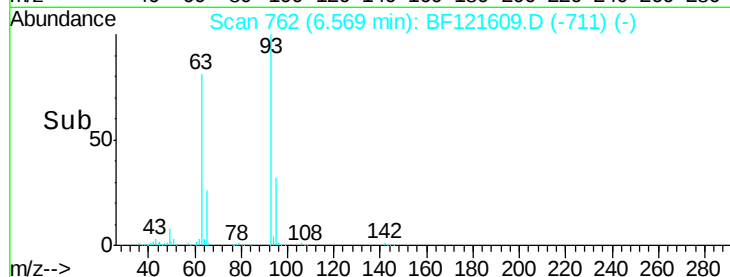
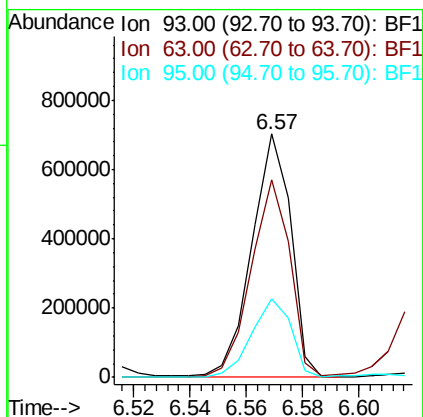
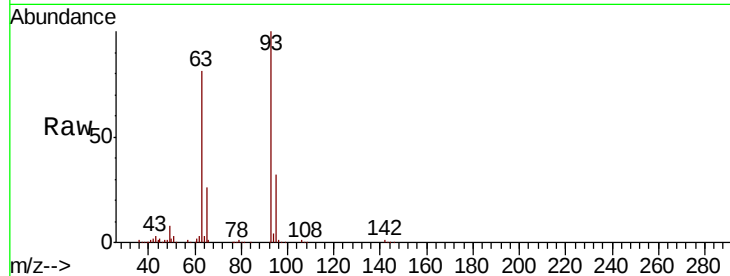
#11
bis(2-Chloroethyl)ether
Concen: 43.260 ng
RT: 6.57 min Scan# 762
Delta R.T. 0.00 min
Lab File: BF121609.D
Acq: 18 Sep 2020 10:32

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:	93	Resp:	674468
Ion Ratio	Lower	Upper	
93	100		
63	81.1	61.7	101.7
95	32.4	12.7	52.7

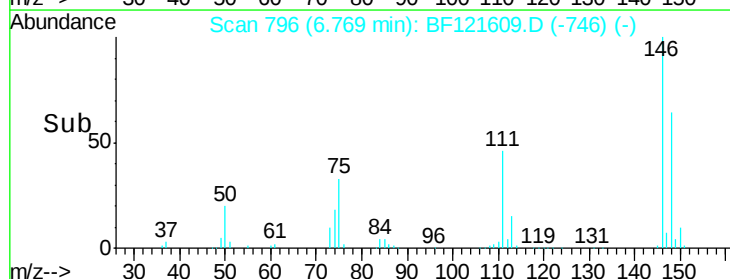
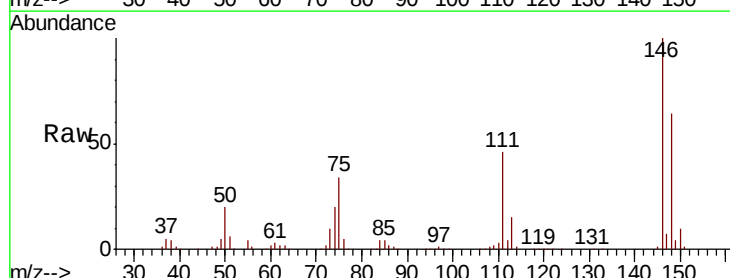
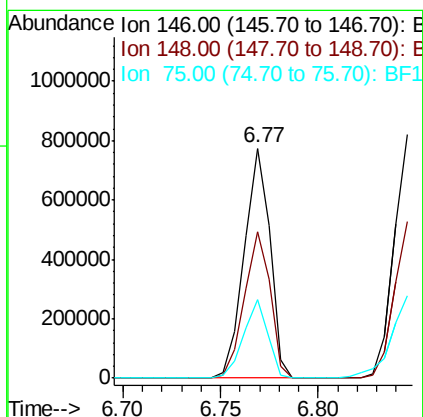
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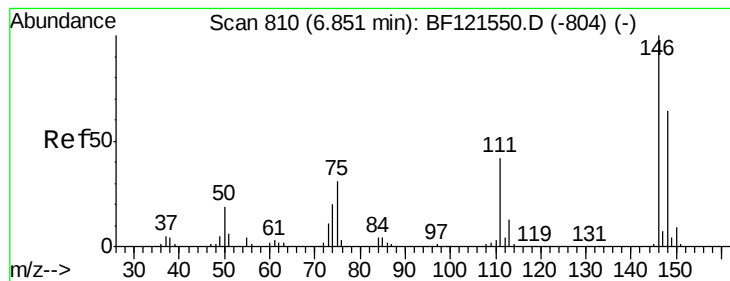
mohammad
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#12
1,3-Dichlorobenzene
Concen: 42.148 ng
RT: 6.77 min Scan# 796
Delta R.T. -0.01 min
Lab File: BF121609.D
Acq: 18 Sep 2020 10:32

Tgt Ion:	146	Resp:	709218
Ion Ratio	Lower	Upper	
146	100		
148	63.5	51.8	77.8
75	33.9	24.6	36.8





#13

1,4-Dichlorobenzene

Concen: 41.949 ng

RT: 6.85 min Scan# 809

Delta R.T. -0.01 min

Lab File: BF121609.D

Acq: 18 Sep 2020 10:32

Instrument :

BNA_F

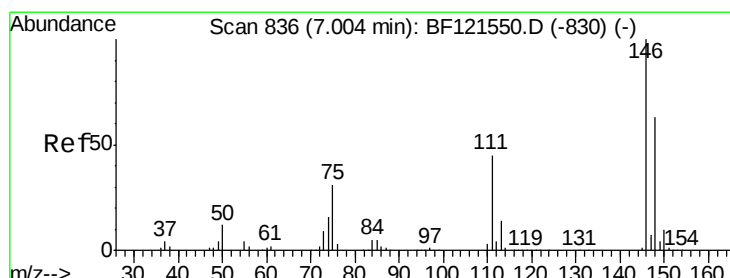
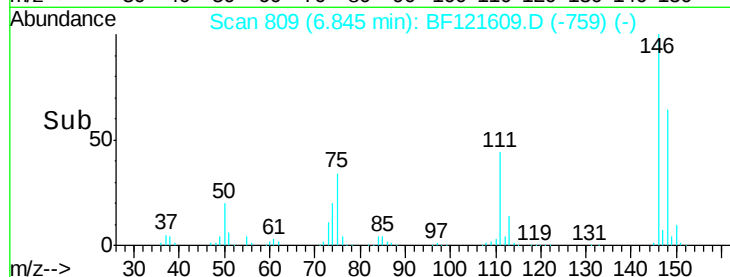
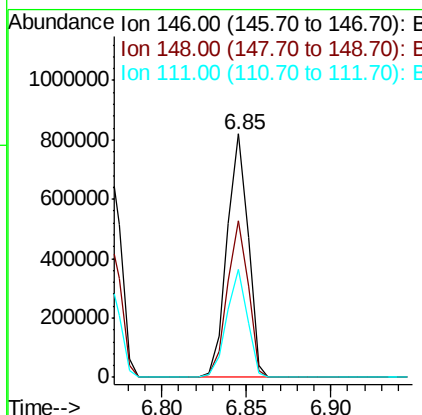
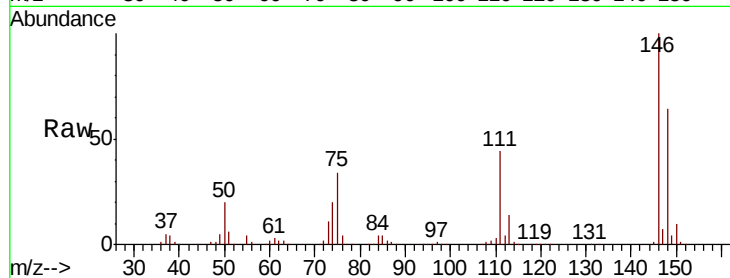
ClientSampleId :

SSTDCCC040

Tot Ion:	146	Resp:	708767
Ion Ratio	Lower	Upper	
146	100		
148	64.3	51.2	76.8
111	44.2	33.4	50.0

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#14

1,2-Dichlorobenzene

Concen: 40.497 ng

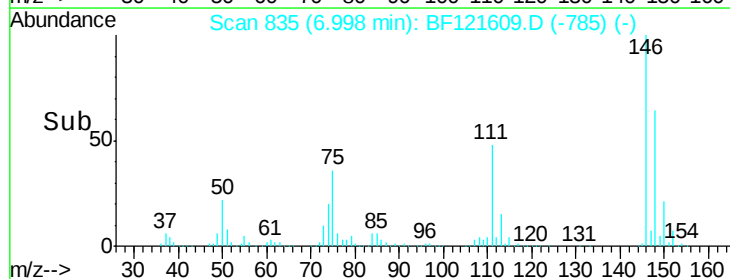
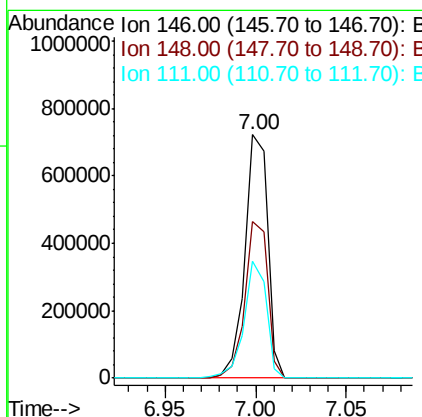
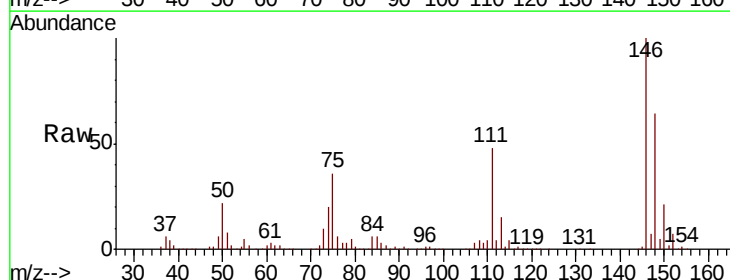
RT: 7.00 min Scan# 835

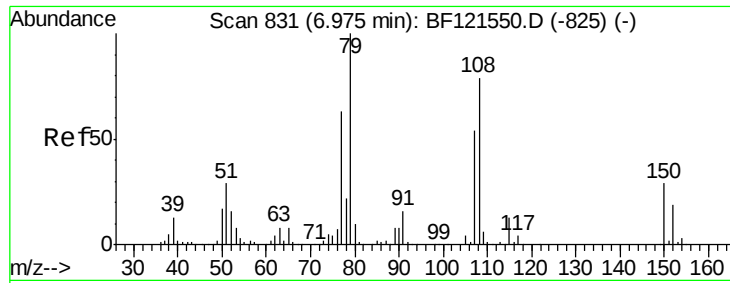
Delta R.T. -0.01 min

Lab File: BF121609.D

Acq: 18 Sep 2020 10:32

Tgt Ion:	146	Resp:	630323
Ion Ratio	Lower	Upper	
146	100		
148	64.3	50.7	76.1
111	47.9	35.8	53.6





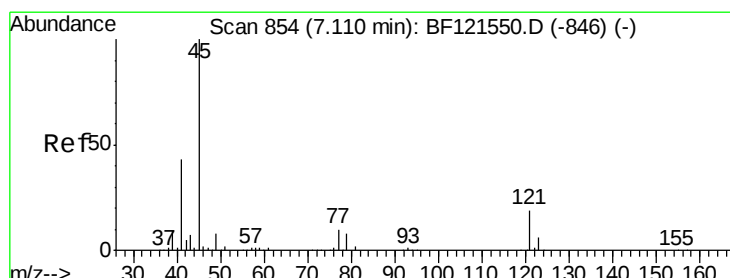
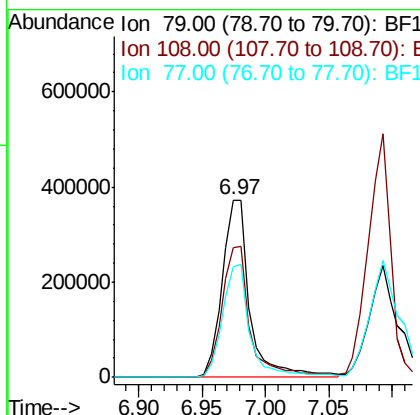
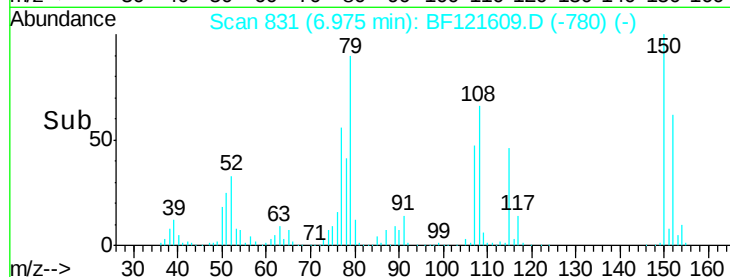
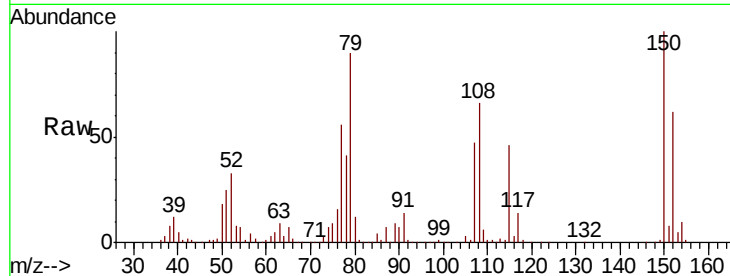
#15
Benzyl Alcohol
Concen: 42.714 ng
RT: 6.97 min Scan# 831
Delta R.T. 0.00 min
Lab File: BF121609.D
Acq: 18 Sep 2020 10:32

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
79	100		
108	73.3	63.1	94.7
77	62.3	50.2	75.2

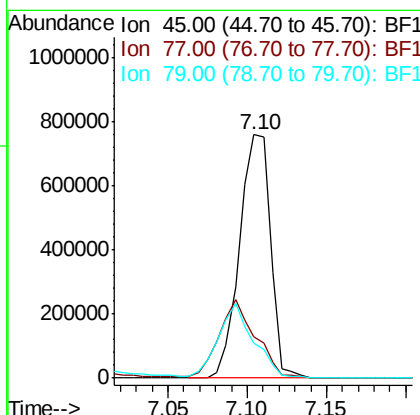
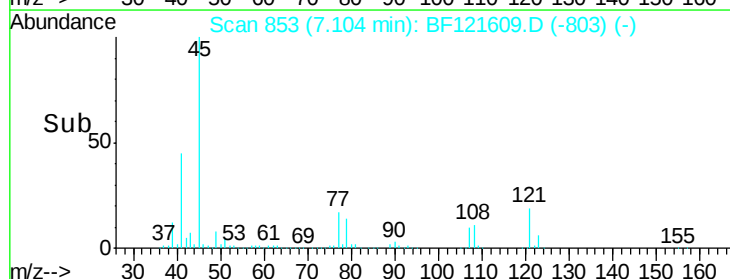
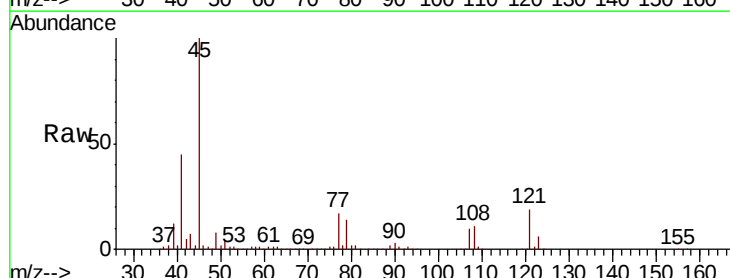
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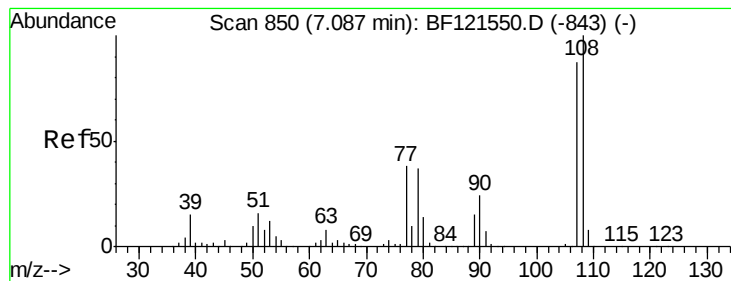
mohammad
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.128 ng
RT: 7.10 min Scan# 853
Delta R.T. -0.01 min
Lab File: BF121609.D
Acq: 18 Sep 2020 10:32

Tgt Ion	Ratio	Lower	Upper
45	100		
77	17.3	0.0	32.5
79	14.3	0.0	29.8





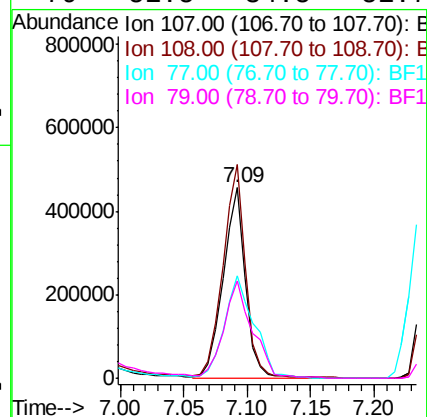
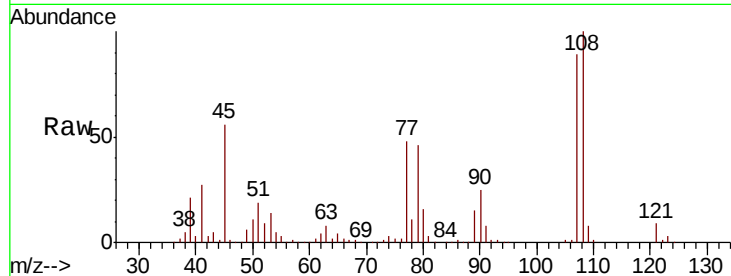
#17
2-Methylphenol
Concen: 43.441 ng
RT: 7.09 min Scan# 851
Delta R.T. 0.01 min
Lab File: BF121609.D
Acq: 18 Sep 2020 10:32

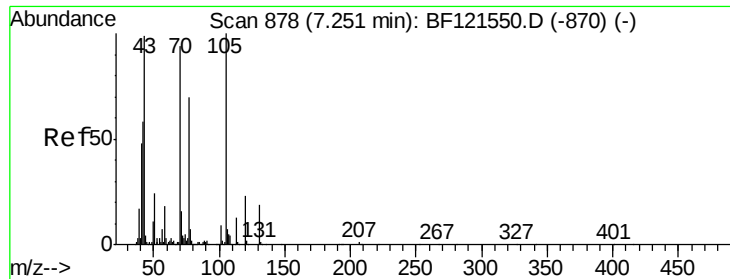
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	112.3	92.1	138.1	
77	53.9	35.5	53.3	
79	51.5	34.5	51.7	

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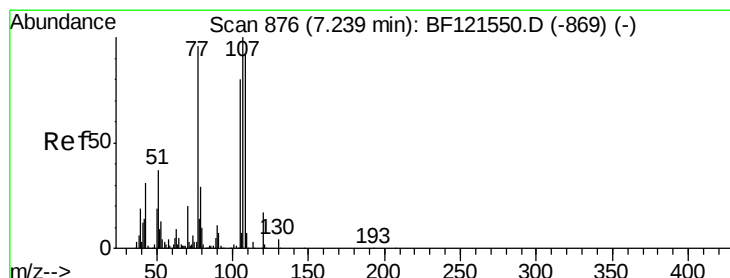
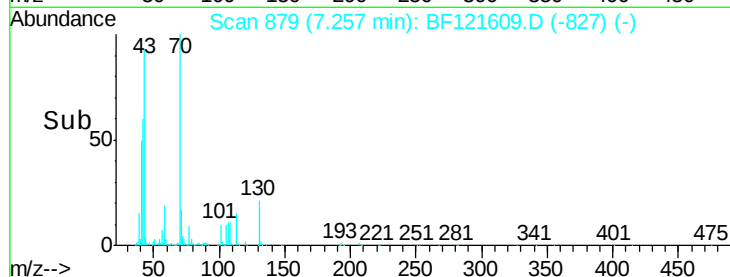
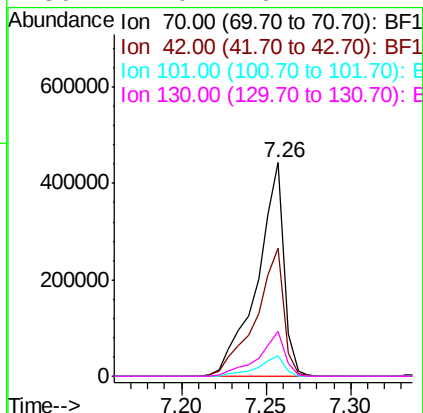
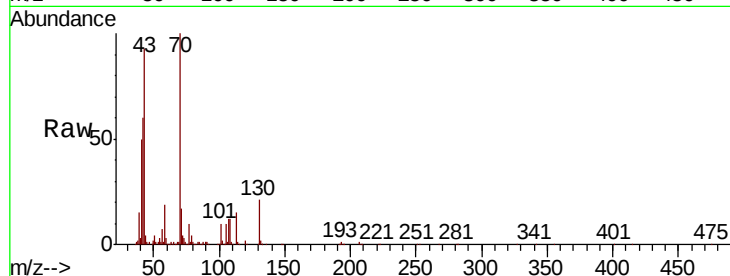
#19
n-Nitroso-di-n-propylamine
Concen: 43.301 ng
RT: 7.26 min Scan# 879
Delta R.T. 0.01 min
Lab File: BF121609.D
Acq: 18 Sep 2020 10:32

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	60.0	49.4	74.2	
101	9.6	7.6	11.4	
130	21.0	16.2	24.4	

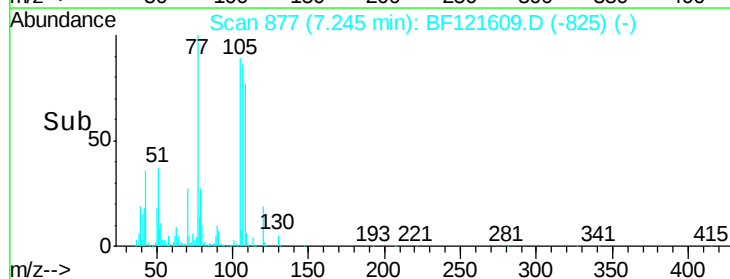
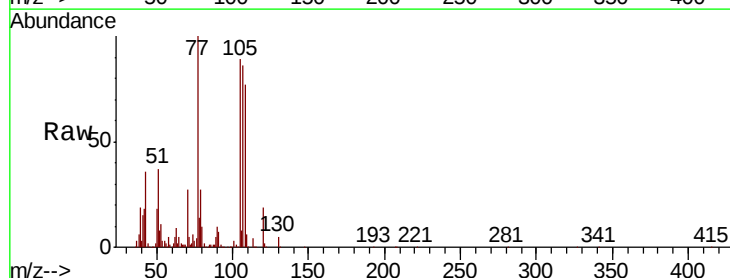
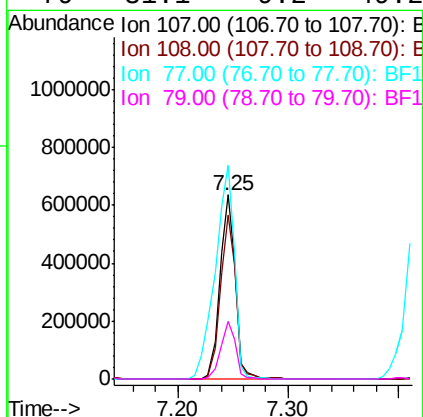
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#20
3+4-Methylphenols
Concen: 39.363 ng
RT: 7.25 min Scan# 877
Delta R.T. 0.01 min
Lab File: BF121609.D
Acq: 18 Sep 2020 10:32

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	88.9	71.8	111.8	
77	116.0	75.5	115.5#	
79	31.1	9.2	49.2	





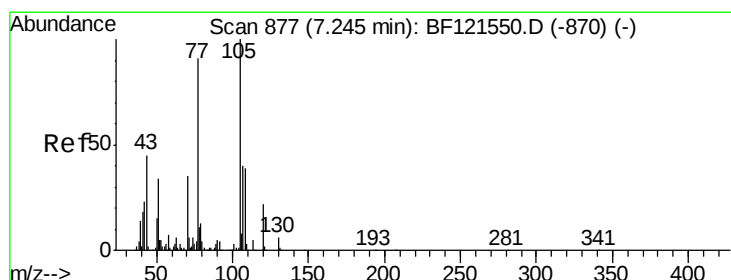
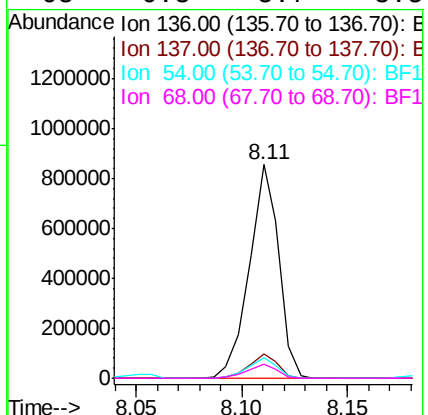
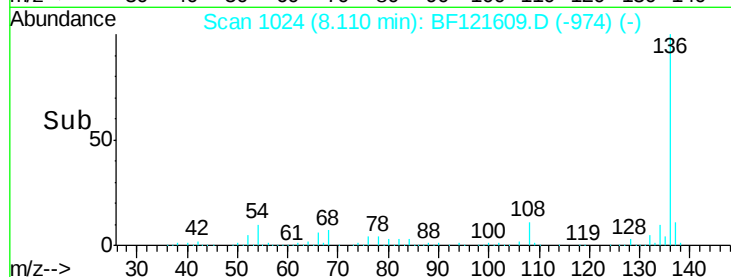
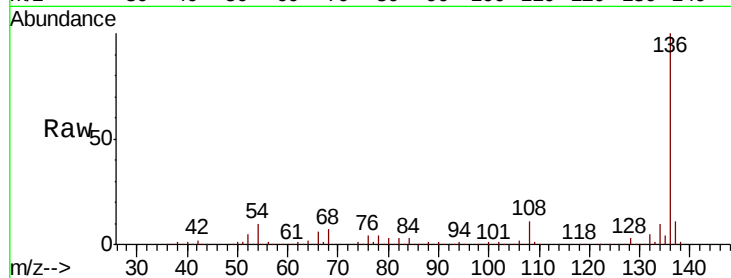
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.11 min Scan# 1024
Delta R.T. -0.01 min
Lab File: BF121609.D
Acq: 18 Sep 2020 10:32

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.2	9.0	13.6	
54	9.5	7.6	11.4	
68	6.8	5.7	8.5	

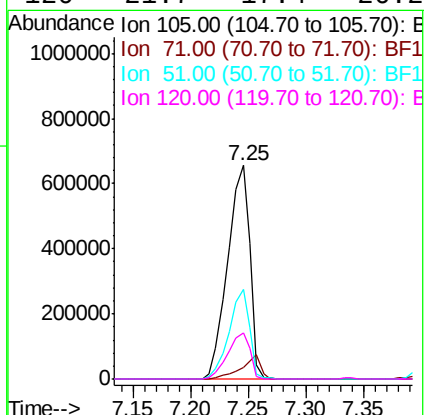
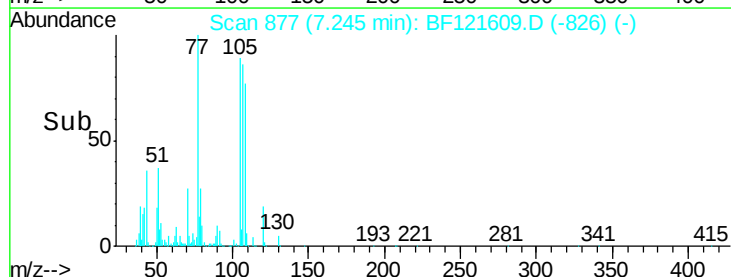
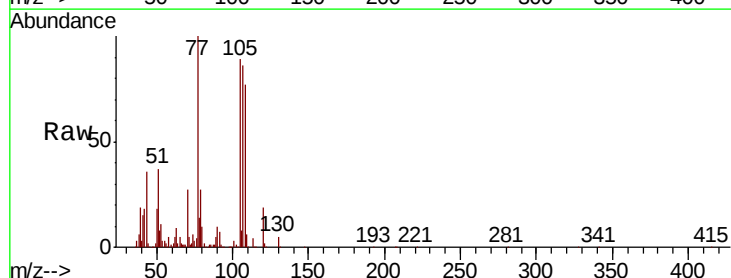
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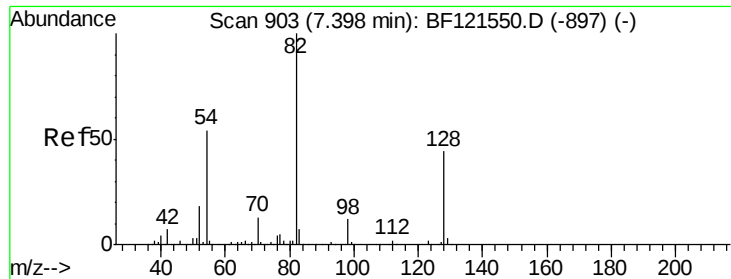
mohammad
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#22
Acetophenone
Concen: 41.445 ng
RT: 7.25 min Scan# 877
Delta R.T. 0.00 min
Lab File: BF121609.D
Acq: 18 Sep 2020 10:32

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	5.1	4.6	7.0	
51	41.7	27.6	41.4	
120	21.7	17.4	26.2	





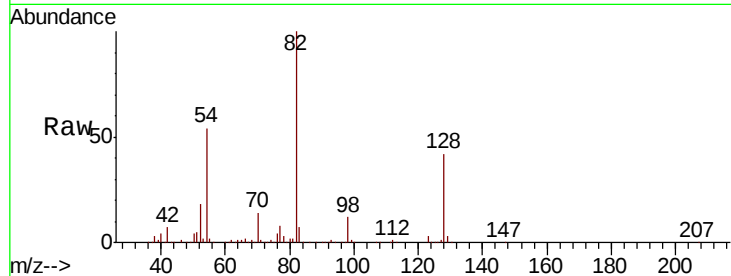
#23
 Nitrobenzene-d5
 Concen: 90.927 ng
 RT: 7.40 min Scan# 903
 Delta R.T. 0.00 min
 Lab File: BF121609.D
 Acq: 18 Sep 2020 10:32

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

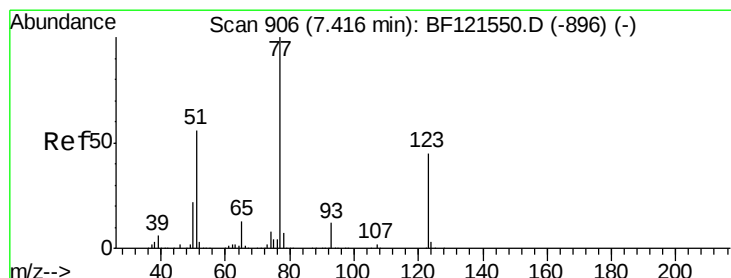
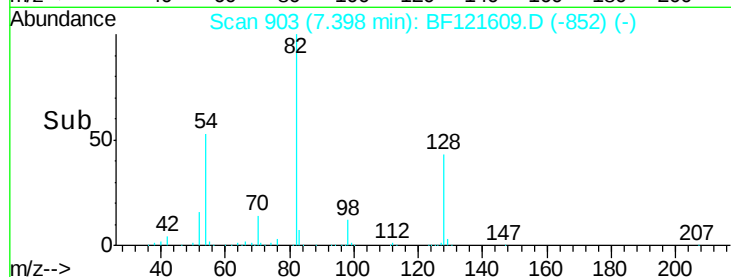
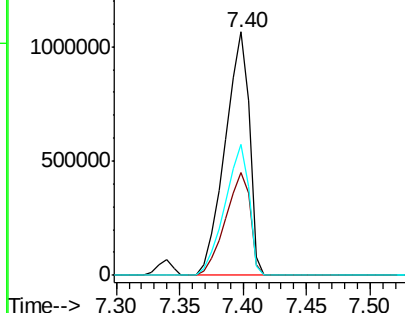
Tot Ion	Ratio	Lower	Upper
82	100		
128	42.4	35.1	52.7
54	54.0	43.0	64.6

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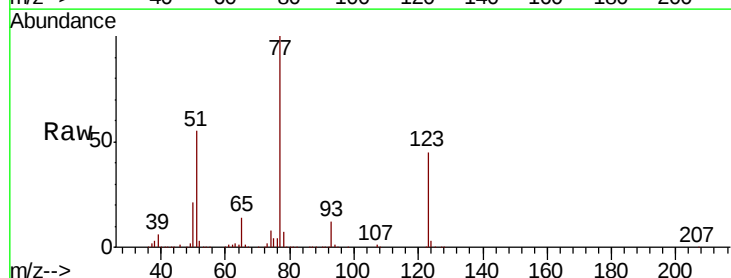


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

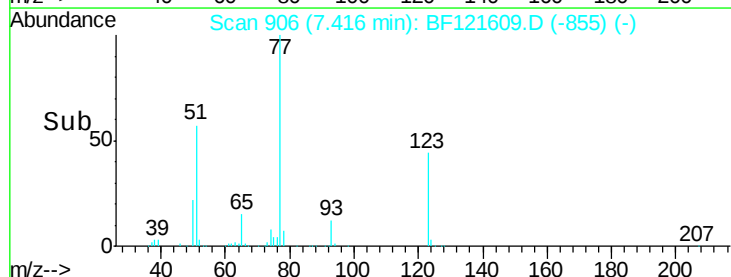
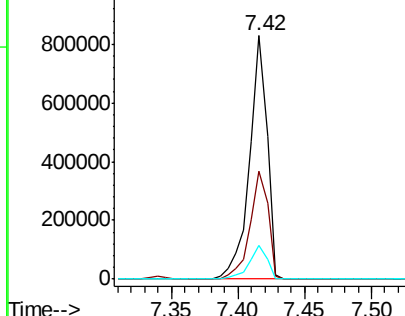


#24
 Nitrobenzene
 Concen: 44.447 ng
 RT: 7.42 min Scan# 906
 Delta R.T. 0.00 min
 Lab File: BF121609.D
 Acq: 18 Sep 2020 10:32

Tgt Ion	Ratio	Lower	Upper
77	100		
123	44.5	35.8	53.8
65	13.8	10.7	16.1



Abundance Ion 77.00 (76.70 to 77.70): BF1
 Ion 123.00 (122.70 to 123.70): BF1
 Ion 65.00 (64.70 to 65.70): BF1





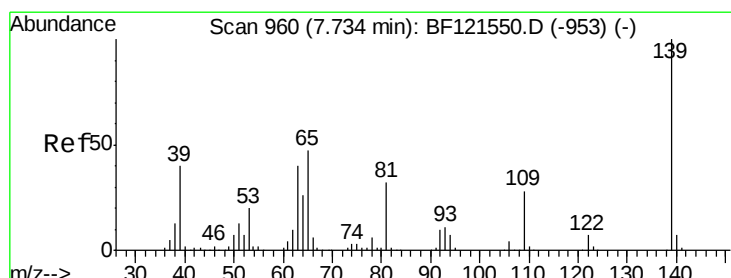
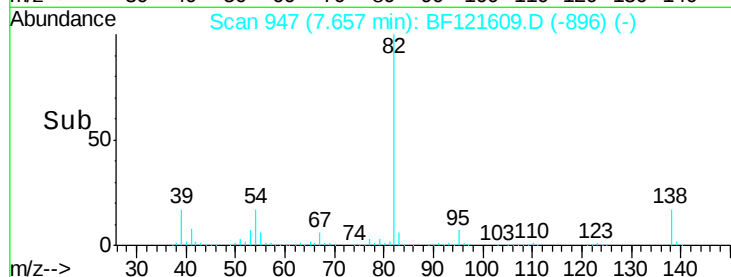
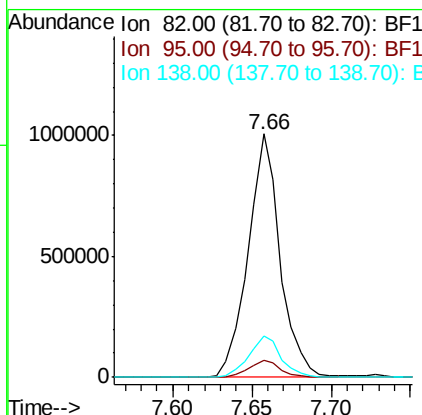
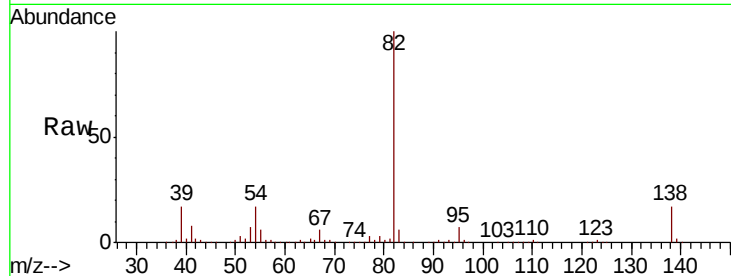
#25
Isophorone
Concen: 45.333 ng
RT: 7.66 min Scan# 947
Delta R.T. 0.00 min
Lab File: BF121609.D
Acq: 18 Sep 2020 10:32

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion: 82 Resp: 1407435
Ion Ratio Lower Upper
82 100
95 7.0 5.3 7.9
138 16.8 13.7 20.5

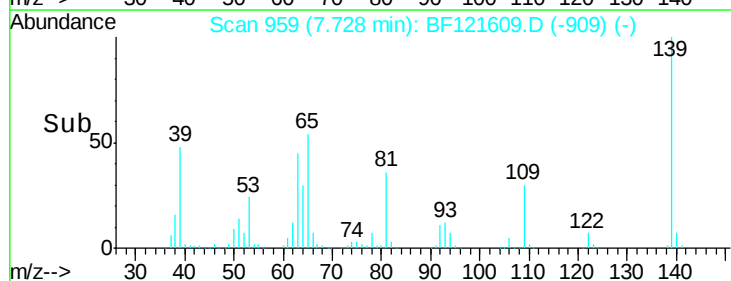
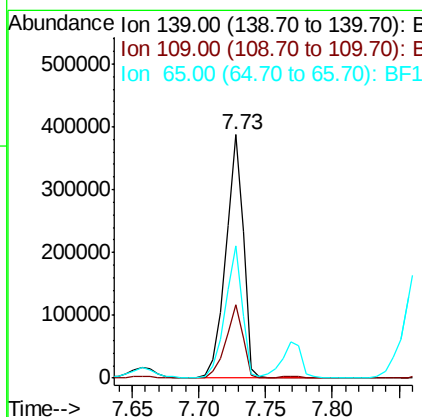
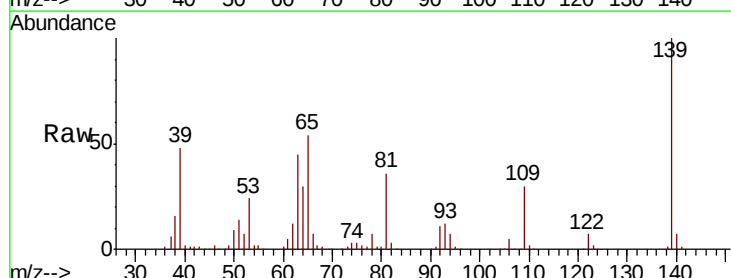
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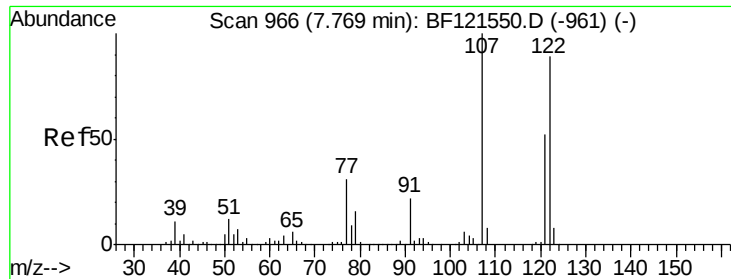
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#26
2-Nitrophenol
Concen: 46.226 ng
RT: 7.73 min Scan# 959
Delta R.T. -0.01 min
Lab File: BF121609.D
Acq: 18 Sep 2020 10:32

Tgt Ion: 139 Resp: 362225
Ion Ratio Lower Upper
139 100
109 30.3 22.4 33.6
65 54.3 37.6 56.4





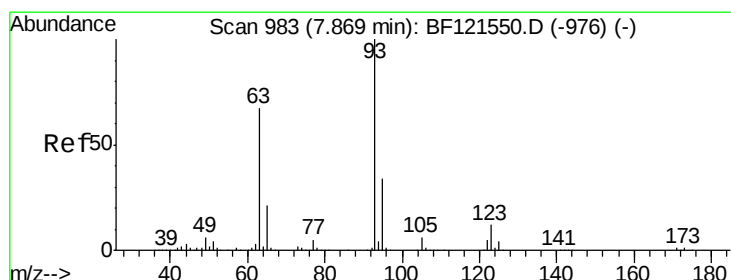
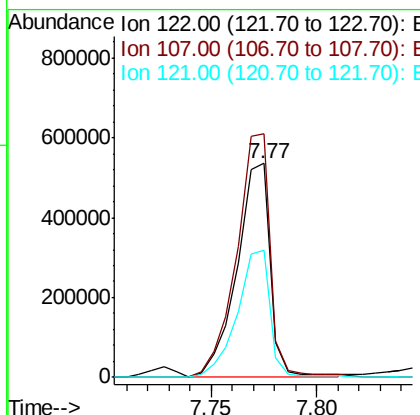
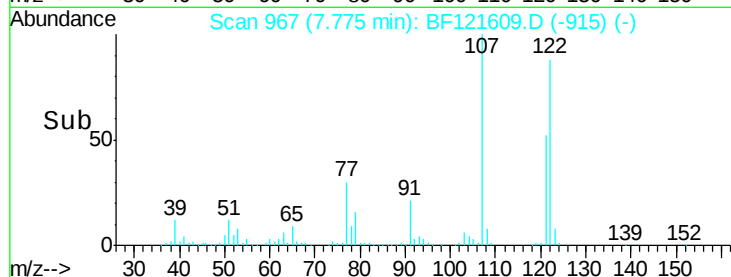
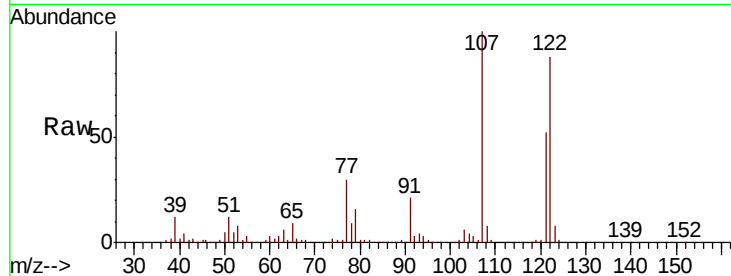
#27
 2,4-Dimethylphenol
 Concen: 42.340 ng
 RT: 7.77 min Scan# 967
 Delta R.T. 0.01 min
 Lab File: BF121609.D
 Acq: 18 Sep 2020 10:32

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
122	100	586785		
107	113.9		89.5	134.3
121	59.3		46.6	70.0

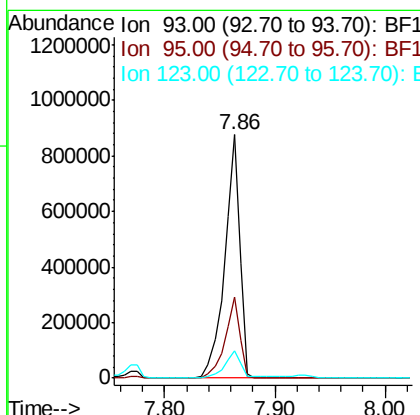
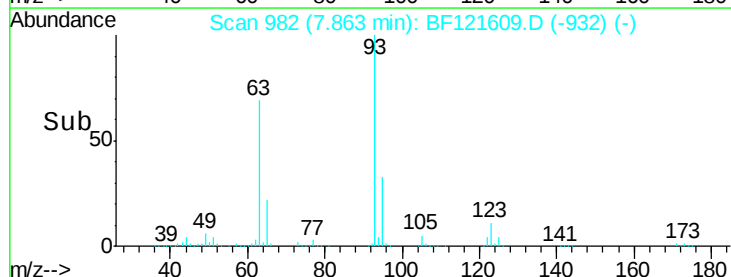
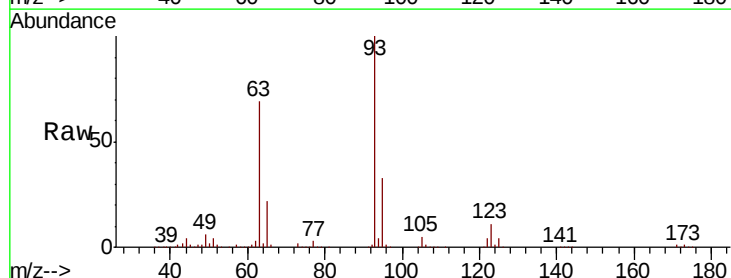
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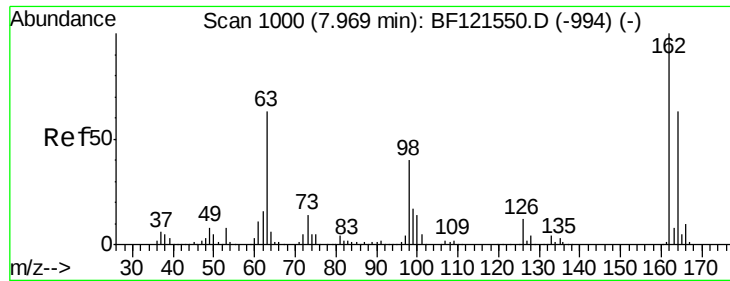
mohammad
 9/21/2020 10:34:02 AM



#28
 bis(2-Chloroethoxy)methane
 Concen: 43.567 ng
 RT: 7.86 min Scan# 982
 Delta R.T. -0.01 min
 Lab File: BF121609.D
 Acq: 18 Sep 2020 10:32

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	837379		
95	33.4		26.8	40.2
123	11.1		9.7	14.5





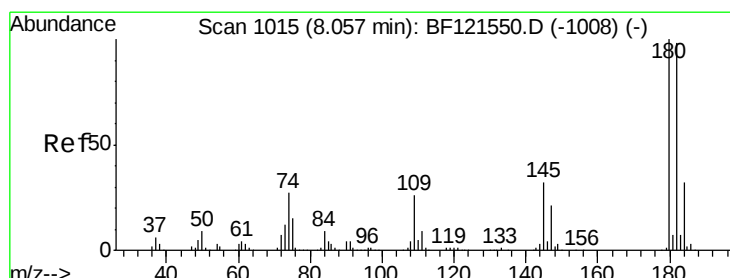
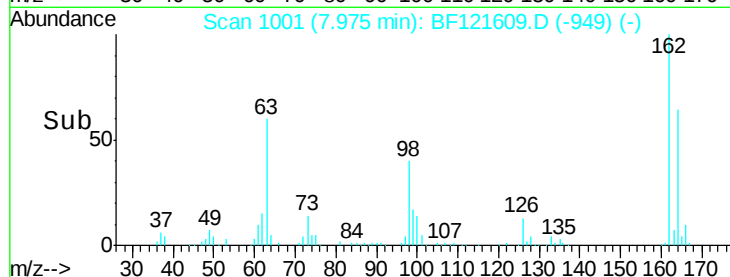
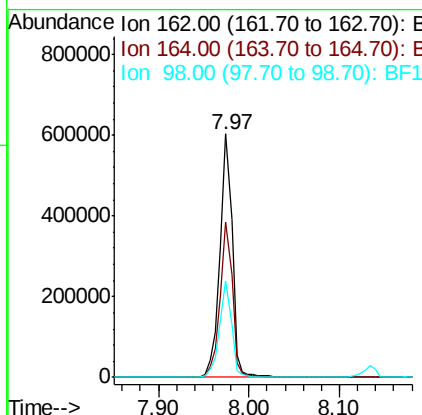
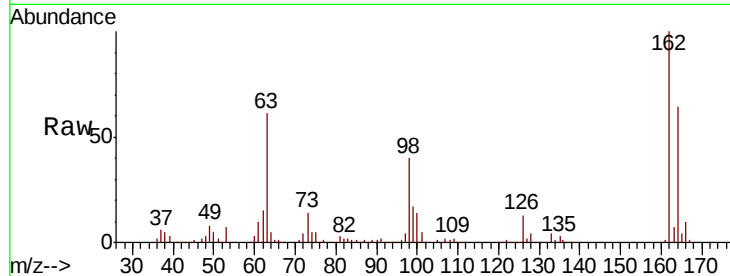
#29
2,4-Dichlorophenol
Concen: 44.377 ng
RT: 7.97 min Scan# 1001
Delta R.T. 0.01 min
Lab File: BF121609.D
Acq: 18 Sep 2020 10:32

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
162	100	560153		
164	63.9	43.5	83.5	
98	39.7	20.2	60.2	

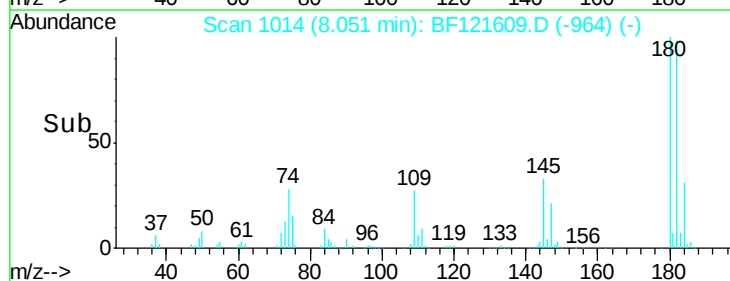
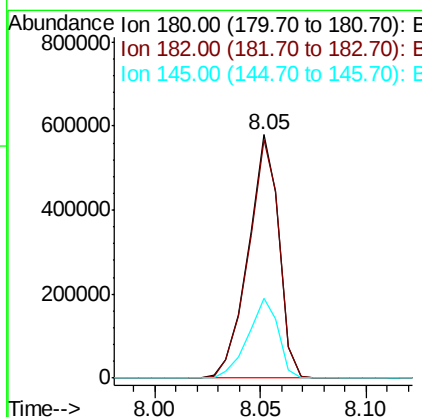
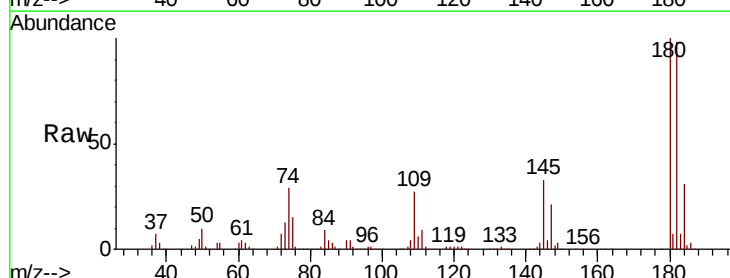
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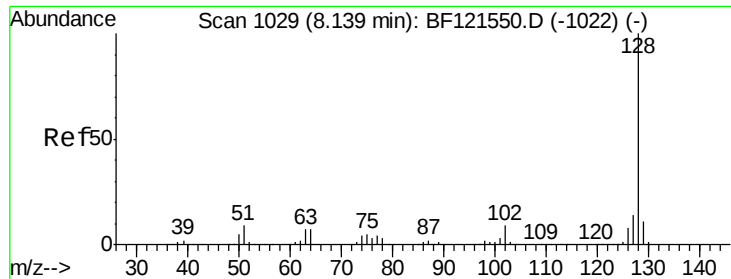
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#30
1,2,4-Trichlorobenzene
Concen: 43.804 ng
RT: 8.05 min Scan# 1014
Delta R.T. -0.01 min
Lab File: BF121609.D
Acq: 18 Sep 2020 10:32

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	582323		
182	97.8	78.7	118.1	
145	33.0	26.0	39.0	





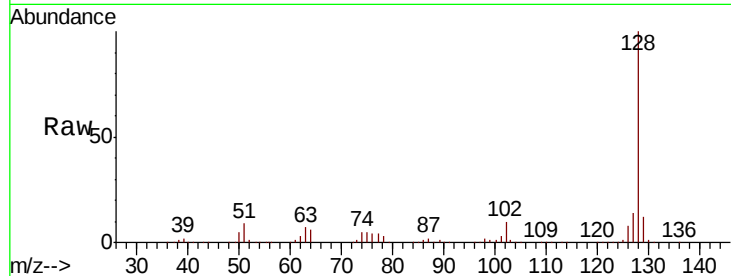
#31
Naphthalene
Concen: 41.734 ng
RT: 8.13 min Scan# 1028
Delta R.T. -0.01 min
Lab File: BF121609.D
Acq: 18 Sep 2020 10:32

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

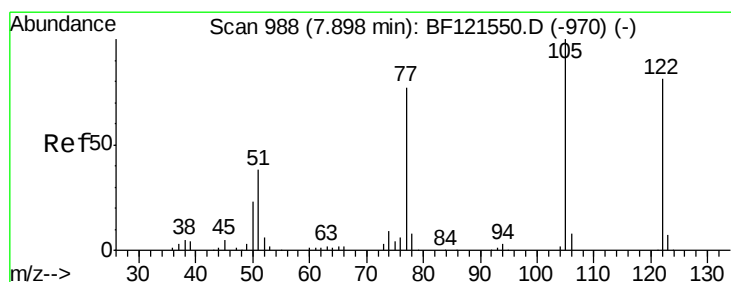
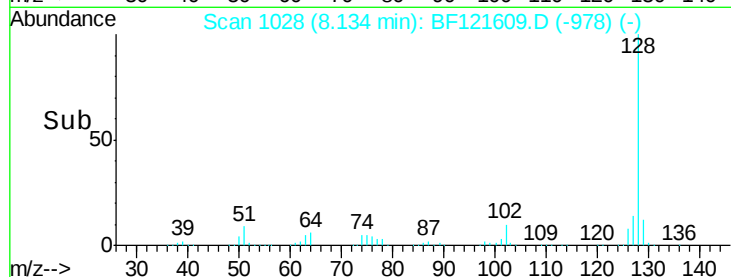
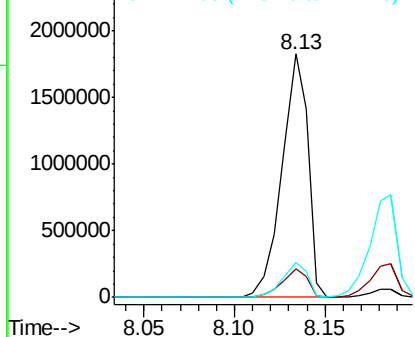
Tot Ion:128 Resp: 1824366
Ion Ratio Lower Upper
128 100
129 11.8 9.1 13.7
127 14.3 11.0 16.6

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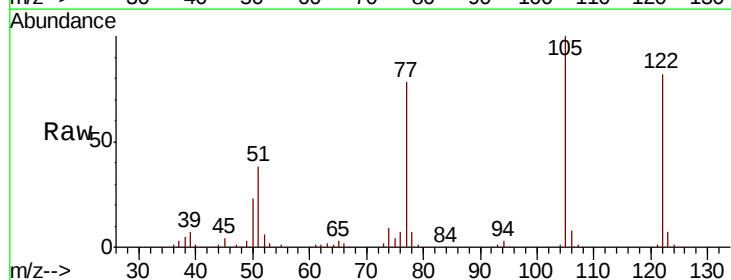


Abundance Ion 128.00 (127.70 to 128.70): E
2500000
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

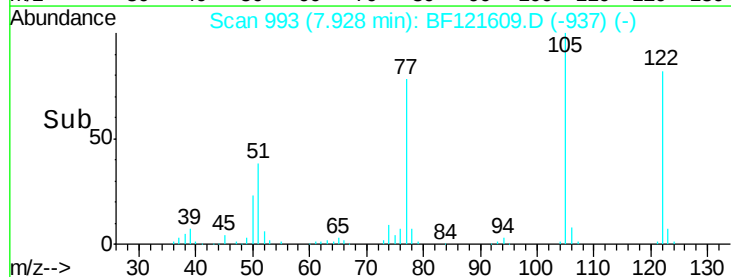
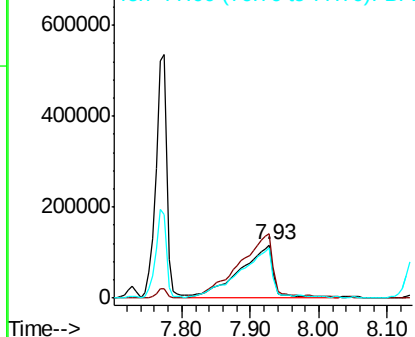


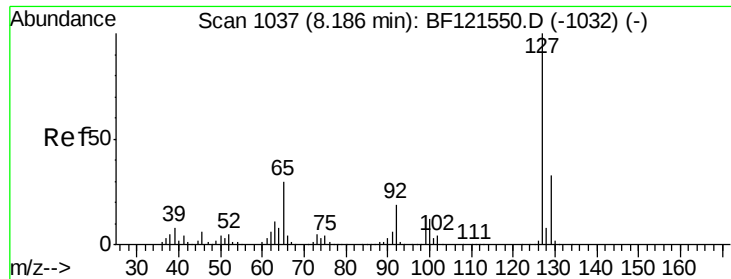
#32
Benzoic acid
Concen: 39.325 ng
RT: 7.93 min Scan# 993
Delta R.T. 0.03 min
Lab File: BF121609.D
Acq: 18 Sep 2020 10:32

Tgt Ion:122 Resp: 391471
Ion Ratio Lower Upper
122 100
105 121.4 100.5 140.5
77 94.4 72.6 112.6



Abundance Ion 122.00 (121.70 to 122.70): E
600000
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1





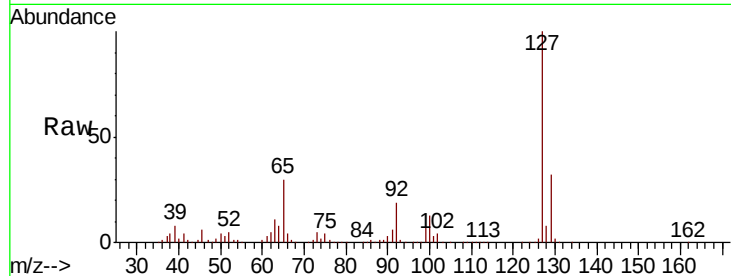
#33
4-Chloroaniline
Concen: 42.828 ng
RT: 8.19 min Scan# 1037
Delta R.T. 0.00 min
Lab File: BF121609.D
Acq: 18 Sep 2020 10:32

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

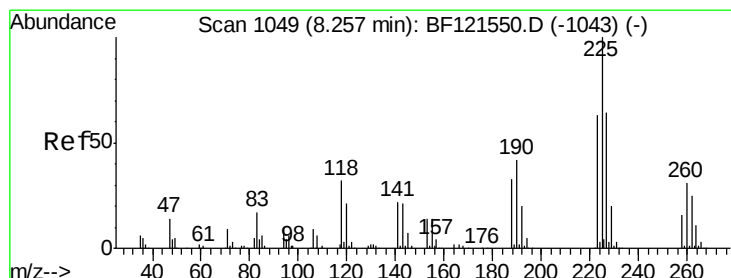
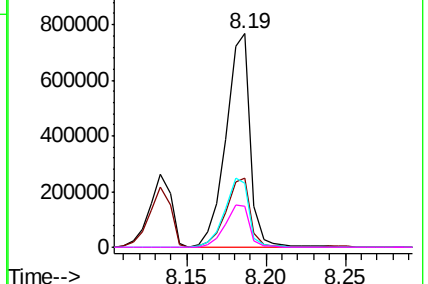
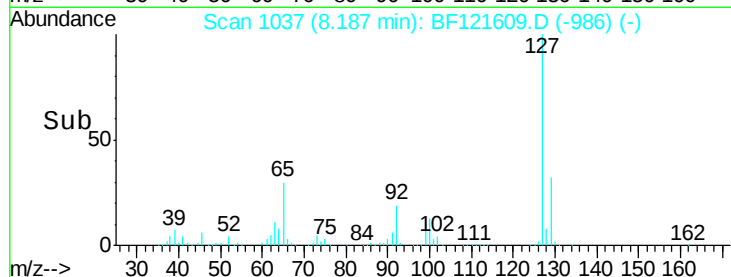
Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.4	26.4	39.6		
65	29.9	24.4	36.6		
92	19.4	15.4	23.2		

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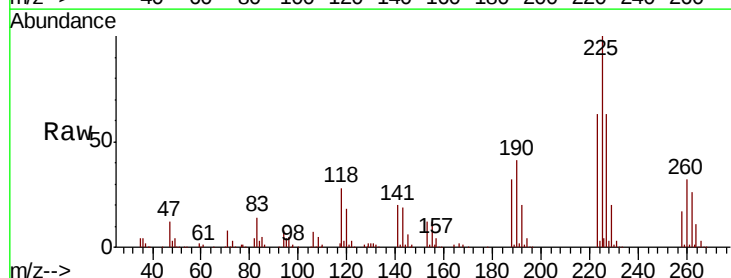


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

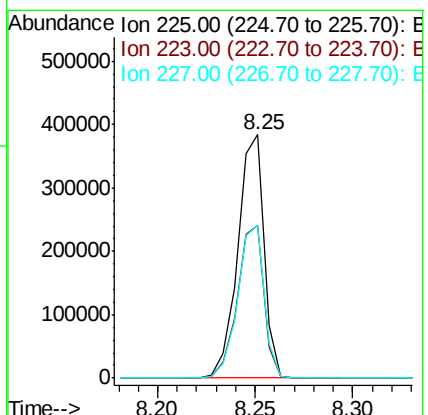
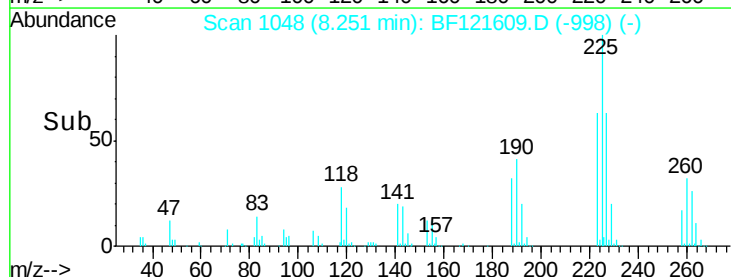


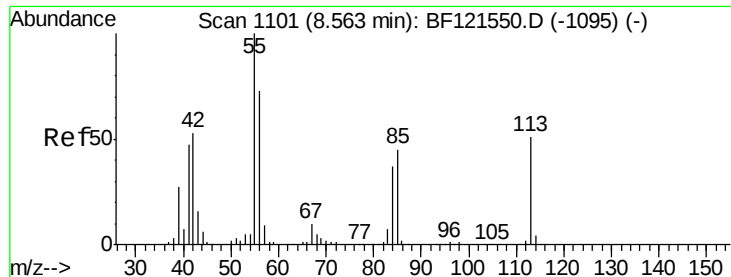
#34
Hexachlorobutadiene
Concen: 45.790 ng
RT: 8.25 min Scan# 1048
Delta R.T. -0.01 min
Lab File: BF121609.D
Acq: 18 Sep 2020 10:32

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	62.6	50.2	75.2		
227	62.7	51.0	76.4		



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





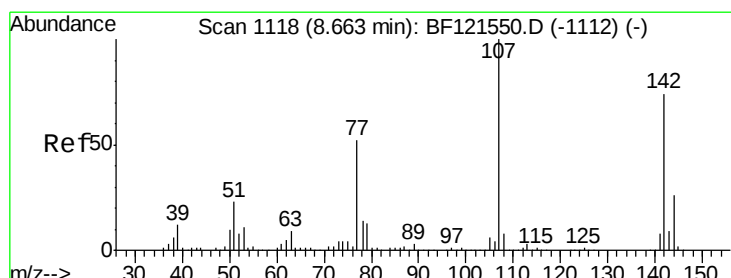
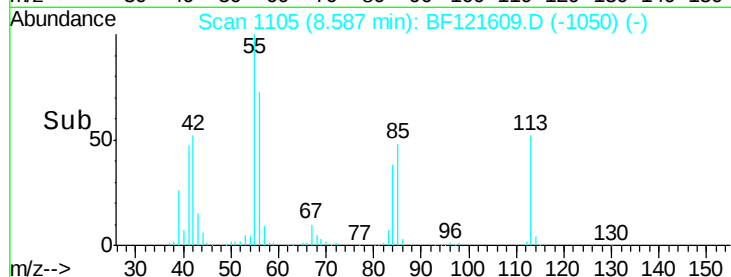
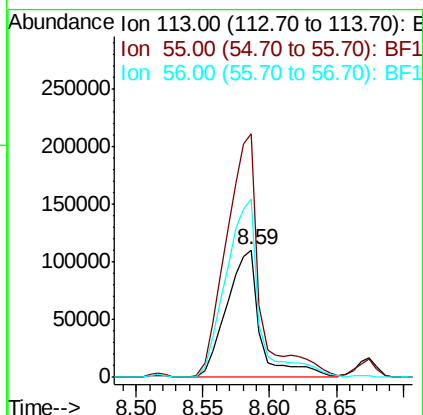
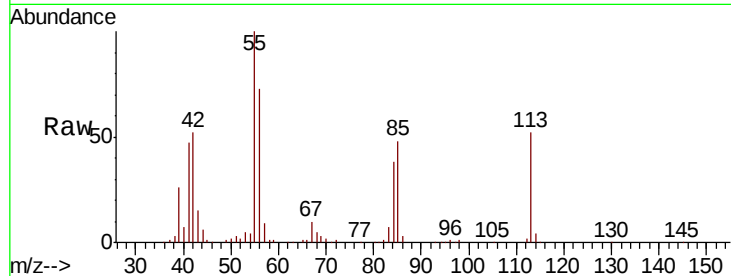
#35
 Caprolactam
 Concen: 46.737 ng
 RT: 8.59 min Scan# 1105
 Delta R.T. 0.02 min
 Lab File: BF121609.D
 Acq: 18 Sep 2020 10:32

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tot Ion	Ratio	Lower	Upper
113	100		
55	190.7	176.2	216.2
56	139.2	123.9	163.9

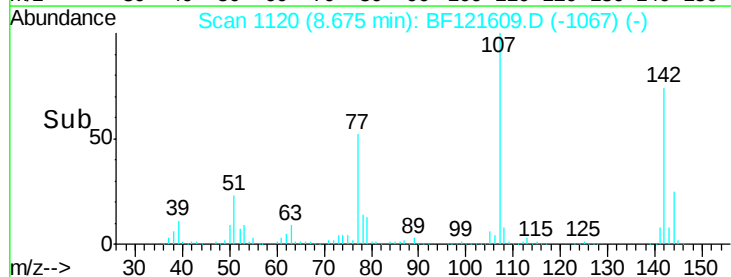
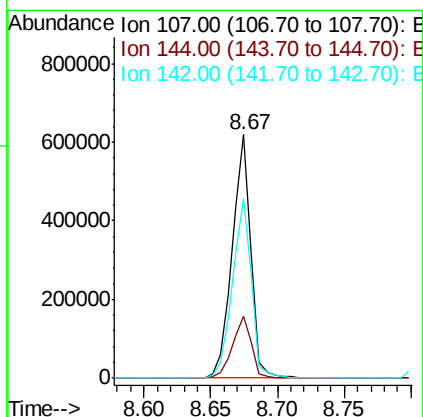
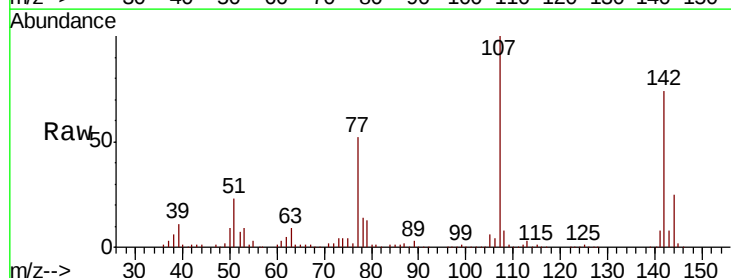
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#36
 4-Chloro-3-methylphenol
 Concen: 45.006 ng
 RT: 8.67 min Scan# 1120
 Delta R.T. 0.01 min
 Lab File: BF121609.D
 Acq: 18 Sep 2020 10:32

Tgt Ion	Ratio	Lower	Upper
107	100		
144	25.3	20.5	30.7
142	74.0	59.5	89.3





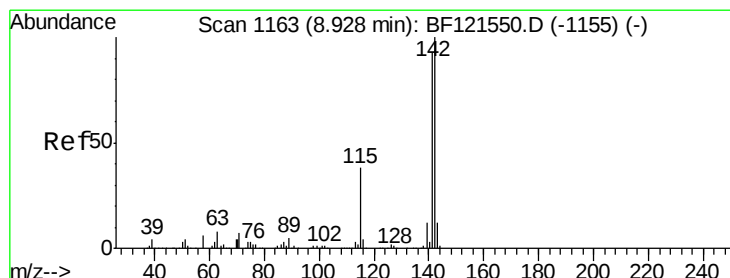
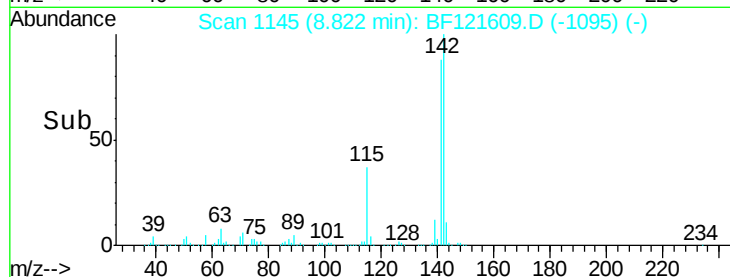
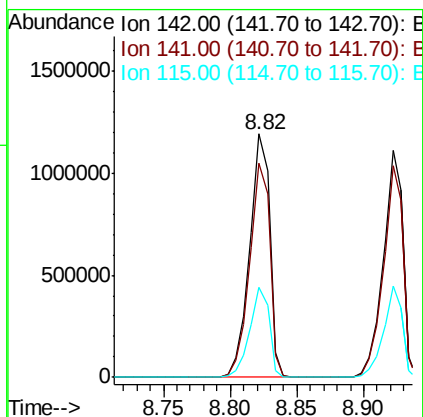
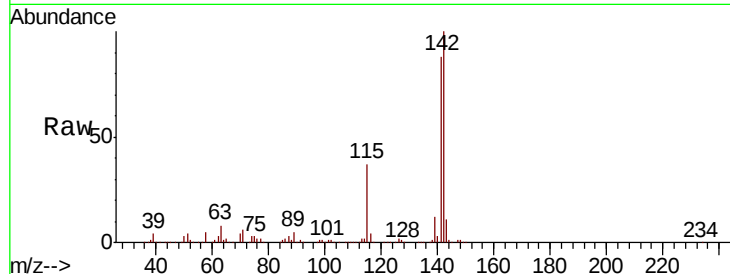
#37
2-Methylnaphthalene
Concen: 42.716 ng
RT: 8.82 min Scan# 1145
Delta R.T. -0.01 min
Lab File: BF121609.D
Acq: 18 Sep 2020 10:32

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.0	71.5	107.3
115	37.2	28.7	43.1

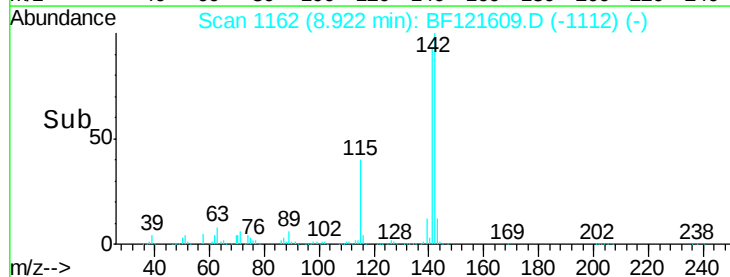
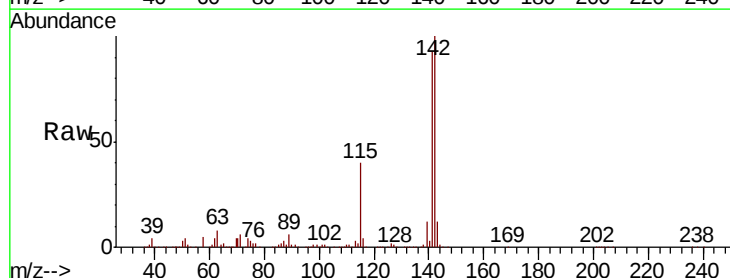
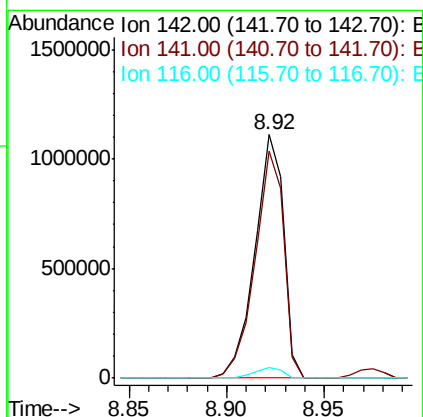
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#38
1-Methylnaphthalene
Concen: 42.374 ng
RT: 8.92 min Scan# 1162
Delta R.T. -0.01 min
Lab File: BF121609.D
Acq: 18 Sep 2020 10:32

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.3	74.8	112.2
116	4.2	3.0	4.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.86 min Scan# 1322

Delta R.T. -0.01 min

Lab File: BF121609.D

Acq: 18 Sep 2020 10:32

Instrument :

BNA_F

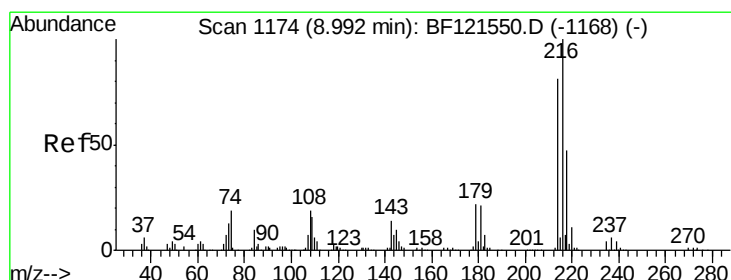
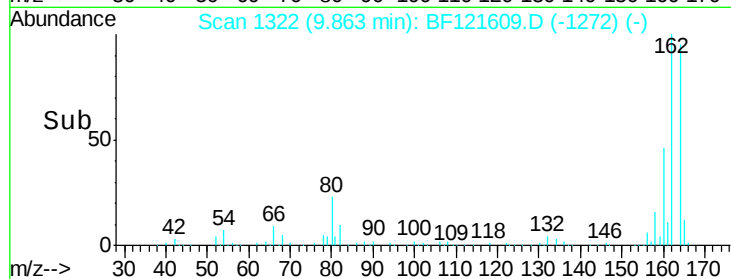
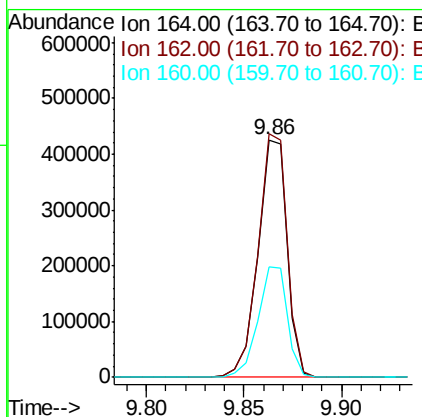
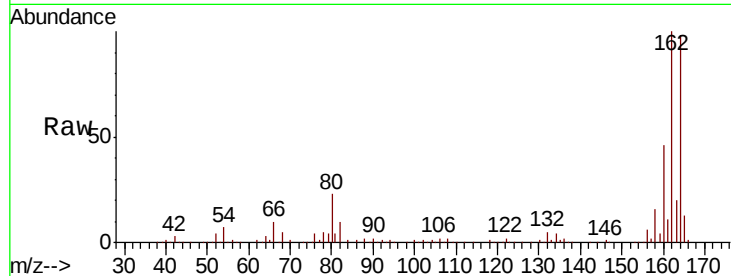
ClientSampleId :

SSTDCCC040

Tot Ion:	164	Resp:	440225
Ion Ratio	Lower	Upper	
164	100		
162	102.5	82.3	123.5
160	46.8	37.0	55.4

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#40

1,2,4,5-Tetrachlorobenzene

Concen: 42.814 ng

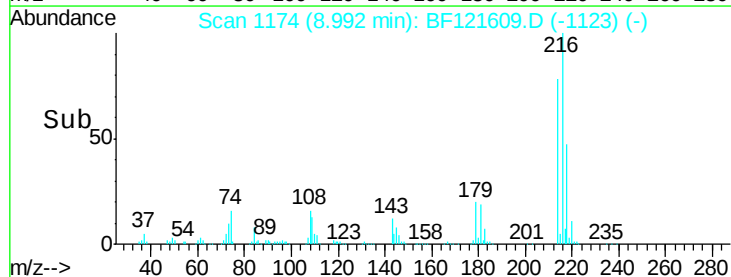
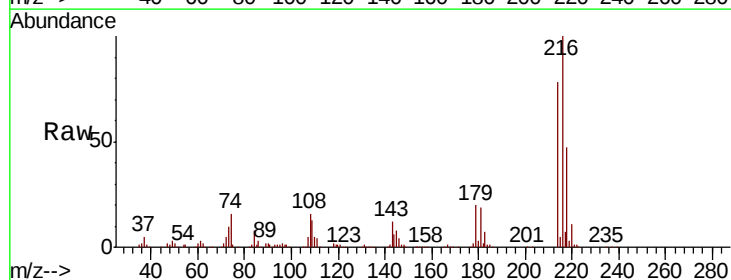
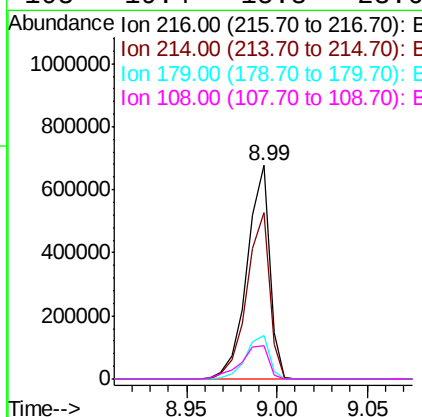
RT: 8.99 min Scan# 1174

Delta R.T. 0.00 min

Lab File: BF121609.D

Acq: 18 Sep 2020 10:32

Tgt Ion:	216	Resp:	588740
Ion Ratio	Lower	Upper	
216	100		
214	78.8	63.8	95.8
179	21.1	16.6	25.0
108	19.4	15.8	23.6





#41

Hexachlorocyclopentadiene

Concen: 44.599 ng

RT: 8.97 min Scan# 1171

Delta R.T. -0.01 min

Lab File: BF121609.D

Acq: 18 Sep 2020 10:32

Instrument :

BNA_F

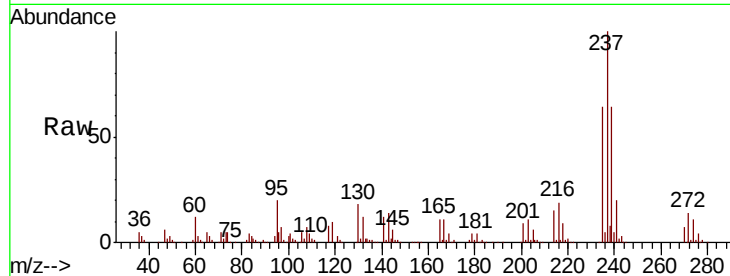
ClientSampleId :

SSTDCCC040

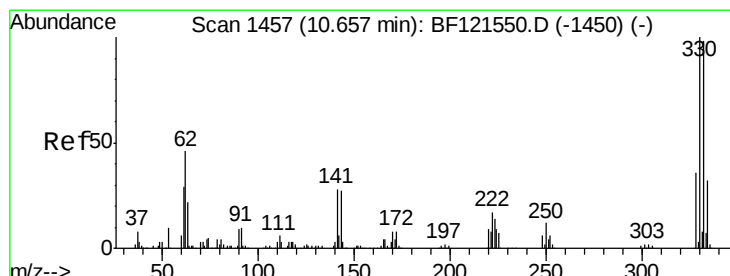
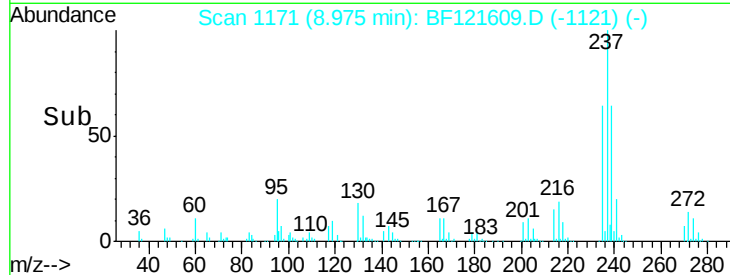
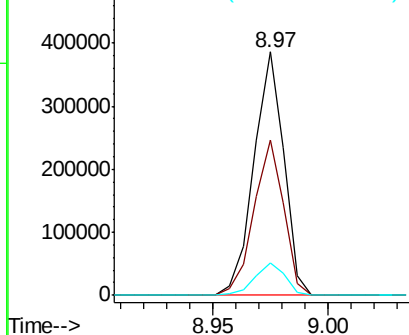
Tot Ion:	237	Resp:	350234
Ion Ratio	Lower	Upper	
237	100		
235	63.6	44.0	84.0
272	13.5	0.0	33.4

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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: 98.242 ng

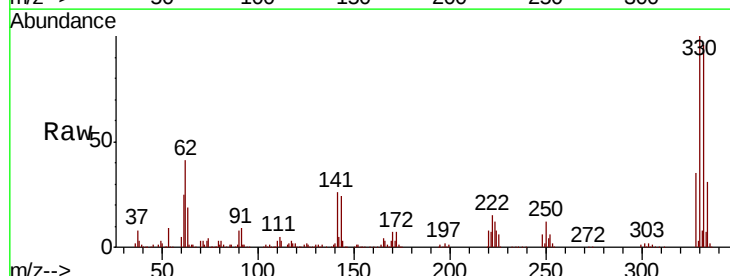
RT: 10.66 min Scan# 1457

Delta R.T. 0.00 min

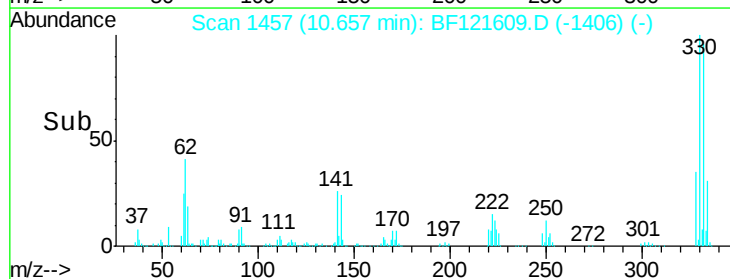
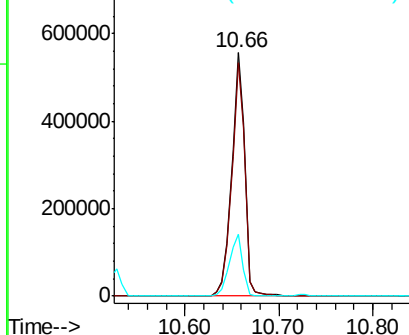
Lab File: BF121609.D

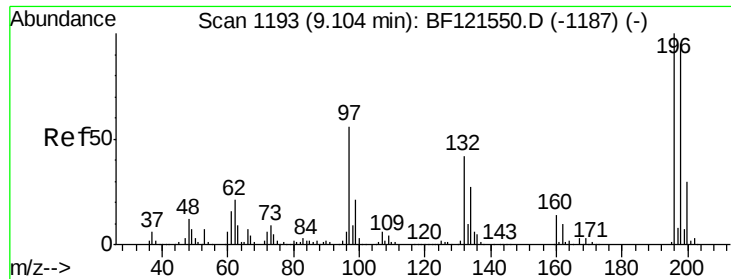
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Tgt Ion:	330	Resp:	537524
Ion Ratio	Lower	Upper	
330	100		
332	96.3	77.1	115.7
141	26.4	23.6	35.4



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





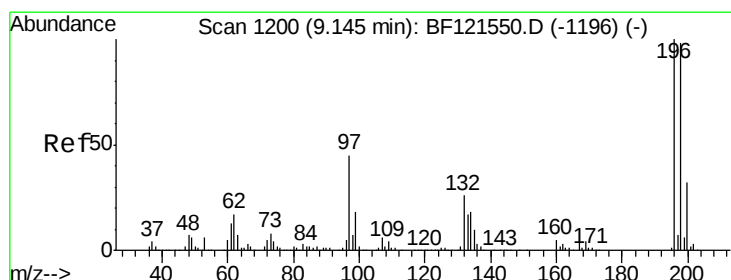
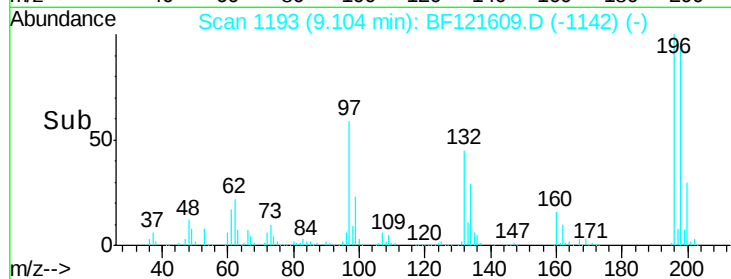
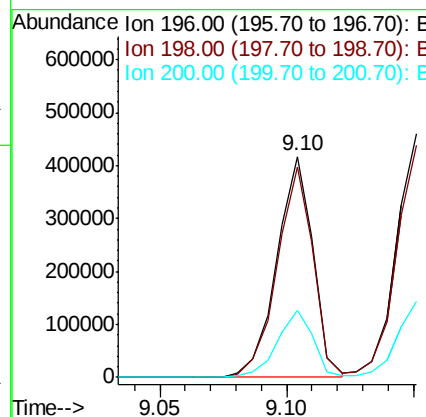
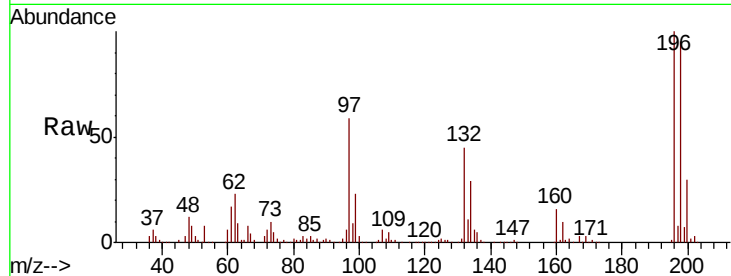
#43
 2,4,6-Trichlorophenol
 Concen: 44.215 ng
 RT: 9.10 min Scan# 1193
 Delta R.T. 0.00 min
 Lab File: BF121609.D
 Acq: 18 Sep 2020 10:32

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
196	100	414426		
198	95.3	75.6	113.4	
200	30.1	24.0	36.0	

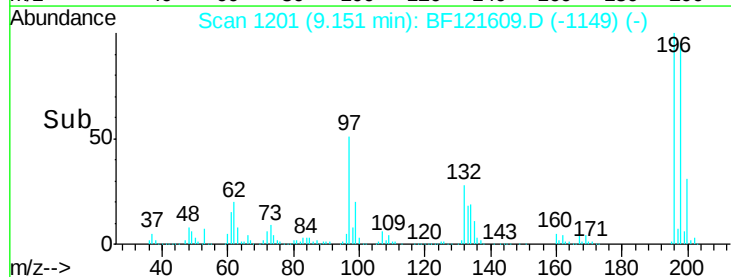
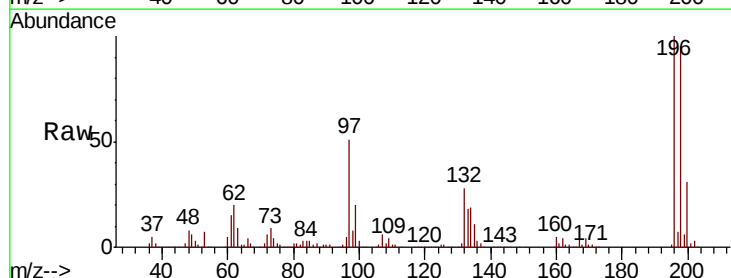
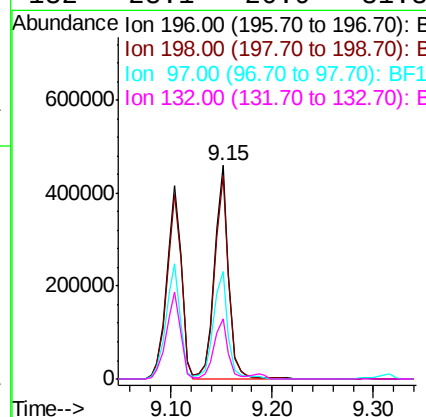
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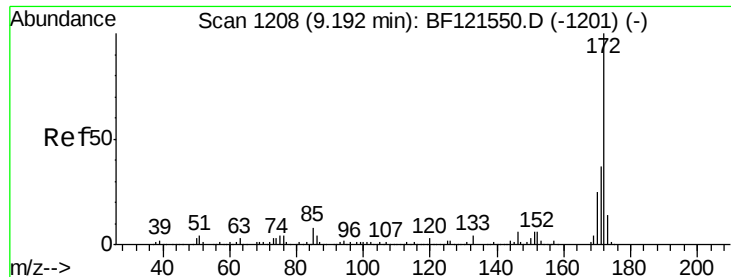
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#44
 2,4,5-Trichlorophenol
 Concen: 44.425 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. 0.01 min
 Lab File: BF121609.D
 Acq: 18 Sep 2020 10:32

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	440199		
198	95.3	78.1	117.1	
97	50.6	36.8	55.2	
132	28.1	20.9	31.3	





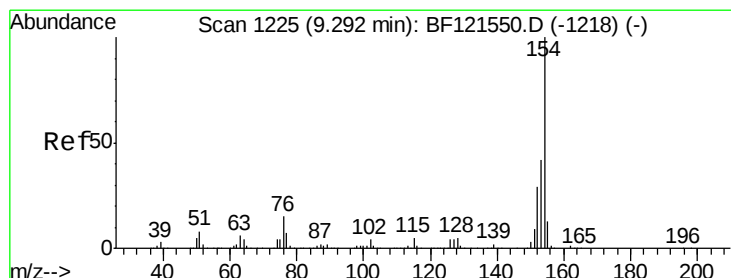
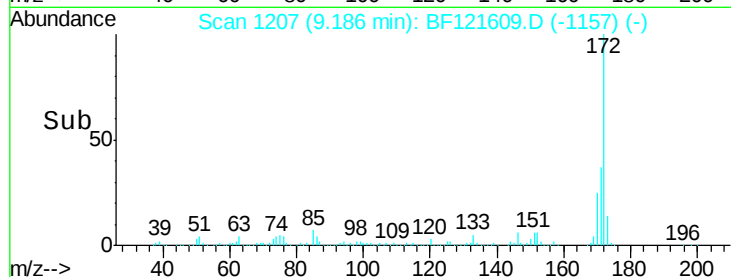
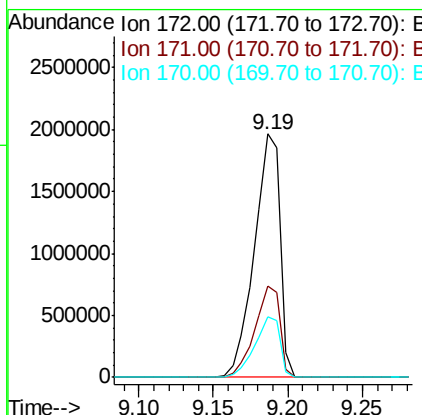
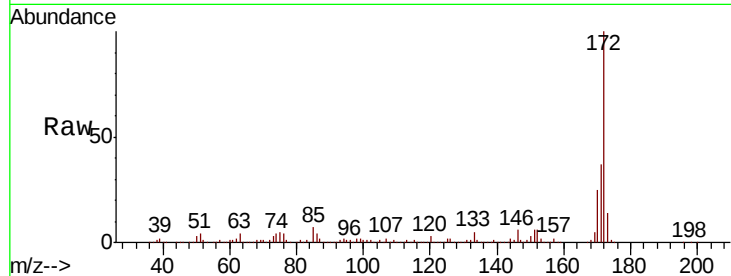
#45
2-Fluorobiphenyl
Concen: 79.560 ng
RT: 9.19 min Scan# 1207
Delta R.T. -0.01 min
Lab File: BF121609.D
Acq: 18 Sep 2020 10:32

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
172	100		
171	37.3	29.8	44.6
170	24.8	19.8	29.8

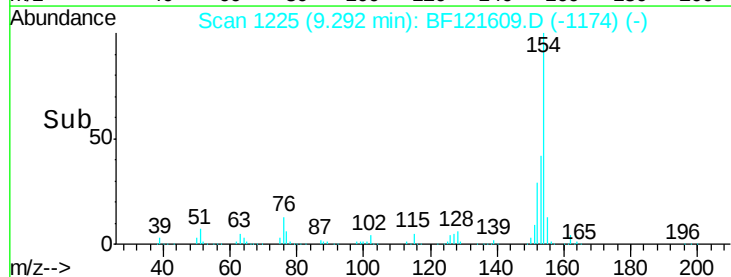
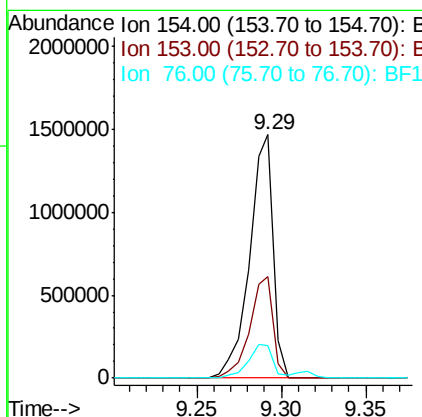
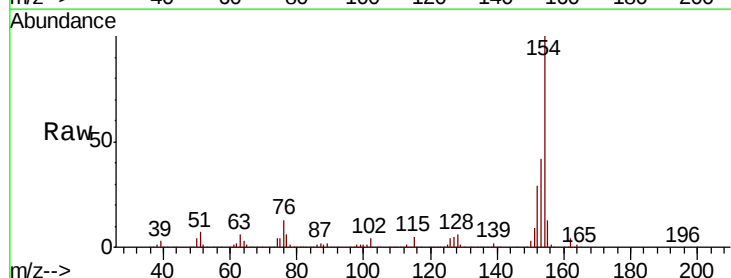
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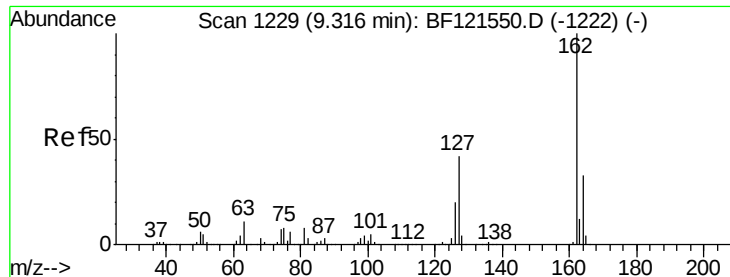
mohammad
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#46
1,1'-Biphenyl
Concen: 40.746 ng
RT: 9.29 min Scan# 1225
Delta R.T. 0.00 min
Lab File: BF121609.D
Acq: 18 Sep 2020 10:32

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.9	21.7	61.7
76	13.1	0.0	35.5





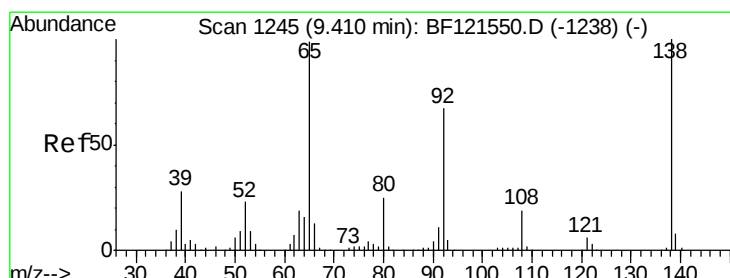
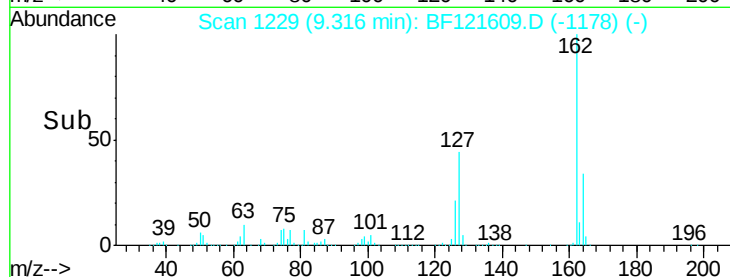
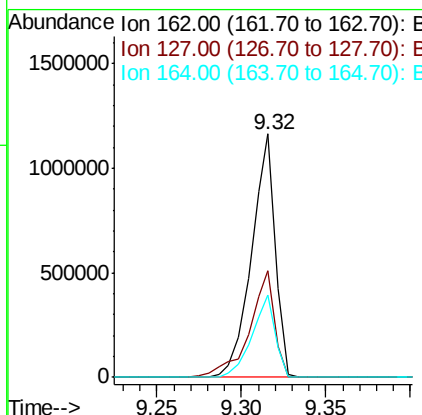
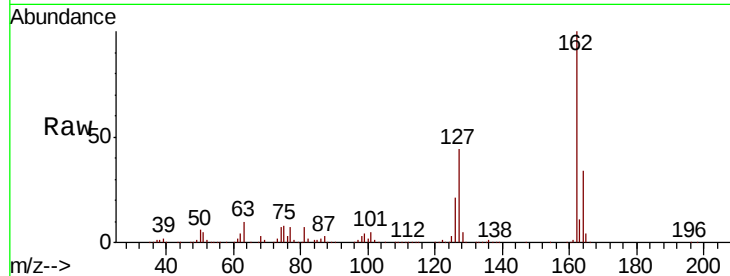
#47
2-Chloronaphthalene
Concen: 41.061 ng
RT: 9.32 min Scan# 1229
Delta R.T. 0.00 min
Lab File: BF121609.D
Acq: 18 Sep 2020 10:32

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Lower	Upper
162	100			
127	43.6	33.9	50.9	
164	33.8	26.7	40.1	

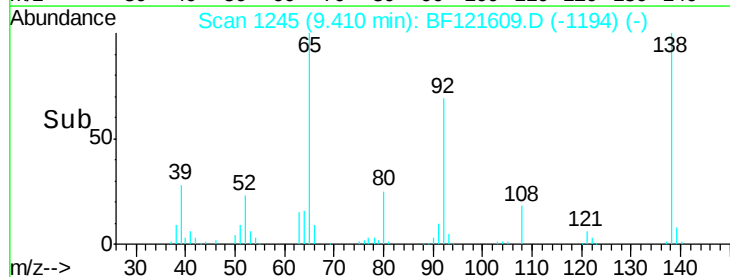
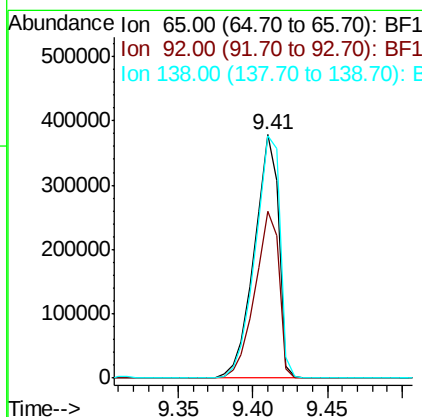
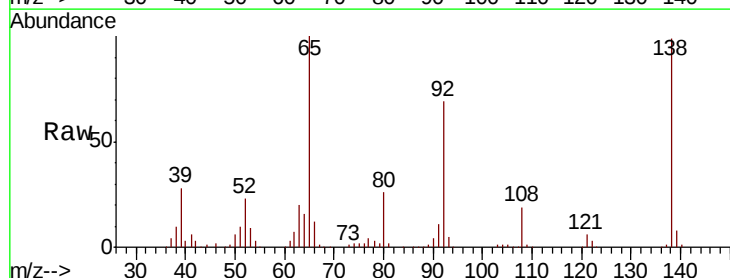
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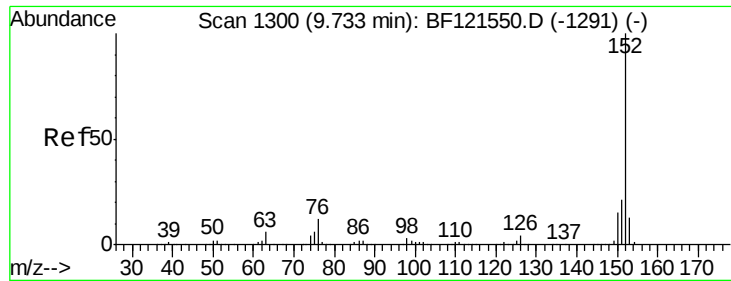
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#48
2-Nitroaniline
Concen: 48.883 ng
RT: 9.41 min Scan# 1245
Delta R.T. 0.00 min
Lab File: BF121609.D
Acq: 18 Sep 2020 10:32

Tgt Ion	Ion	Ratio	Lower	Upper
65	100			
92	68.7	54.2	81.4	
138	99.3	80.8	121.2	





#49

Acenaphthylene

Concen: 41.160 ng

RT: 9.73 min Scan# 1299

Delta R.T. -0.01 min

Lab File: BF121609.D

Acq: 18 Sep 2020 10:32

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:152 Resp: 1756339

Ion Ratio Lower Upper

152 100

151 21.0 16.6 24.8

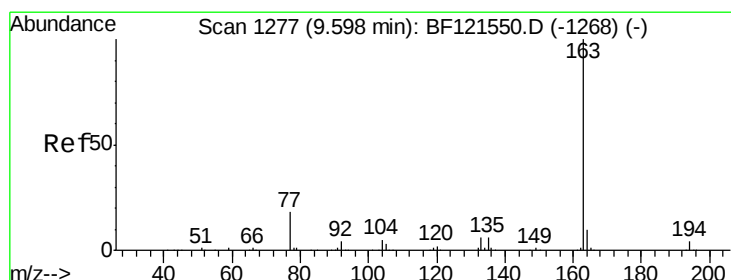
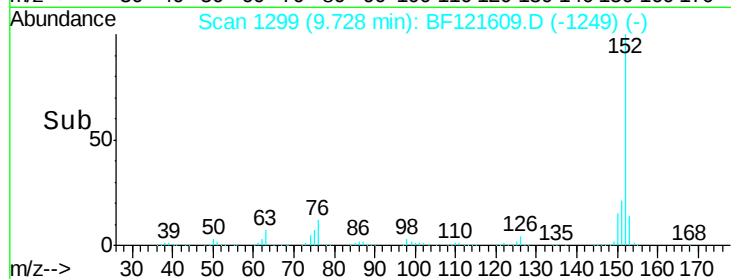
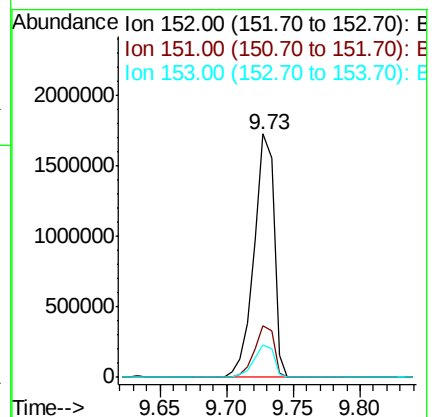
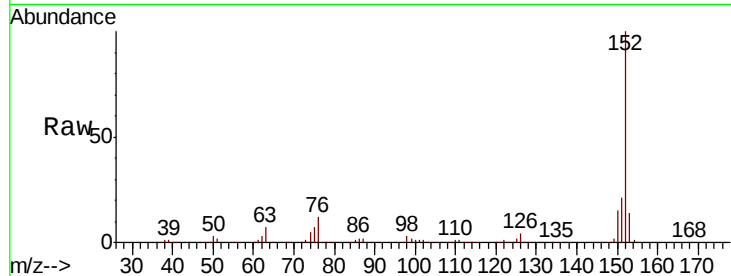
153 13.6 10.7 16.1

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#50

Dimethylphthalate

Concen: 46.204 ng

RT: 9.60 min Scan# 1277

Delta R.T. 0.00 min

Lab File: BF121609.D

Acq: 18 Sep 2020 10:32

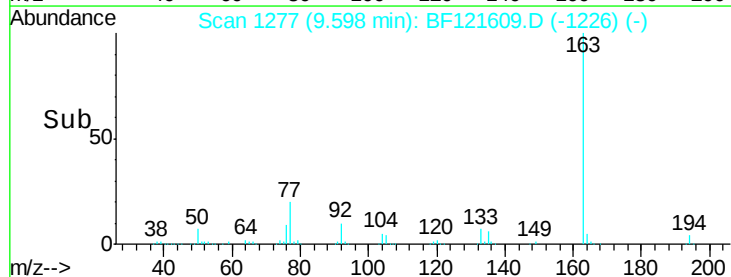
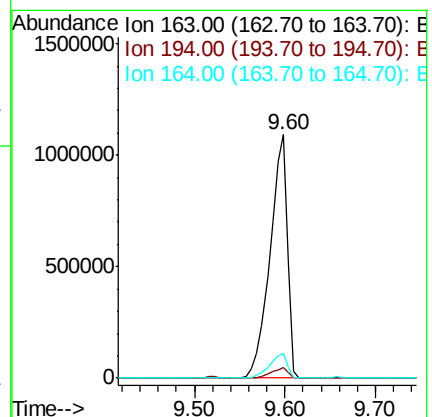
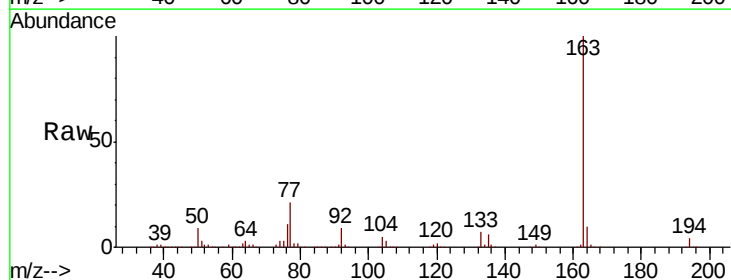
Tgt Ion:163 Resp: 1474211

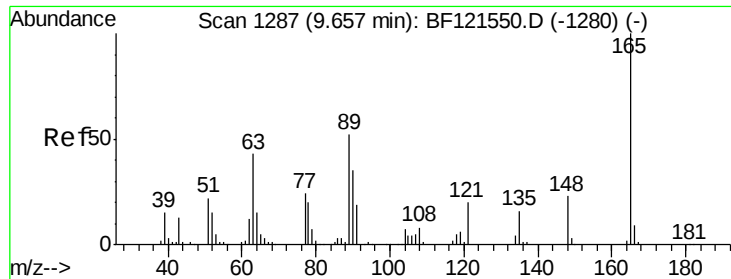
Ion Ratio Lower Upper

163 100

194 4.2 3.4 5.0

164 10.2 7.9 11.9





#51

2,6-Dinitrotoluene

Concen: 47.443 ng

RT: 9.66 min Scan# 1287

Delta R.T. 0.00 min

Lab File: BF121609.D

Acq: 18 Sep 2020 10:32

Instrument :

BNA_F

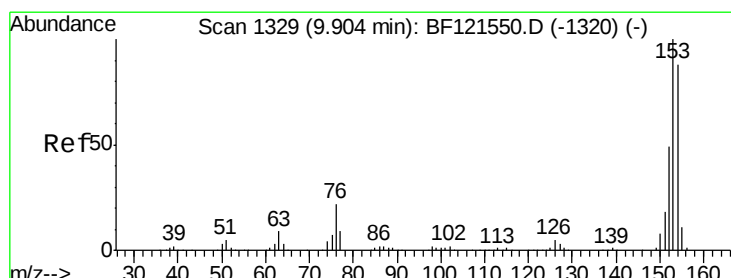
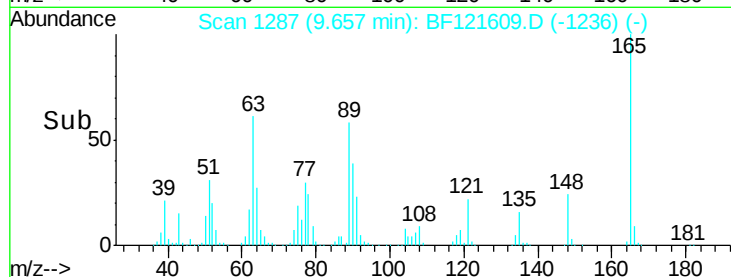
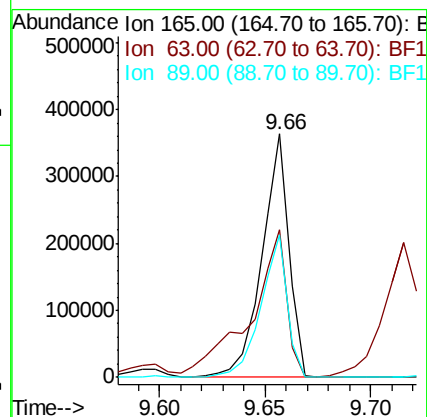
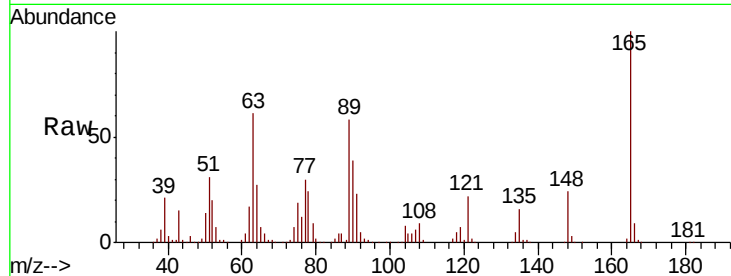
ClientSampled :

SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
165	100	322382		
63	60.5	40.6	61.0	
89	58.3	41.8	62.8	

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#52

Acenaphthene

Concen: 42.726 ng m

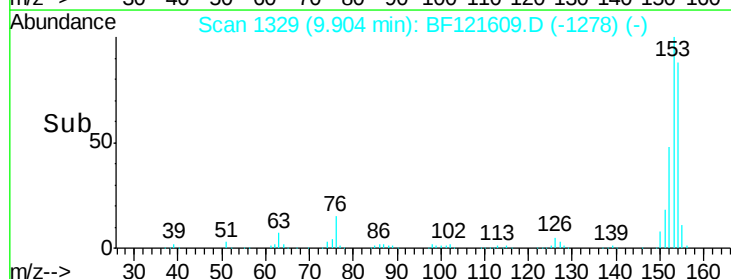
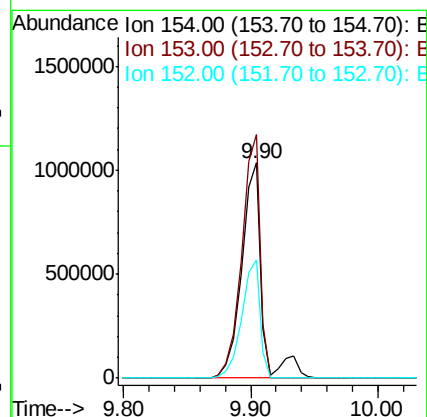
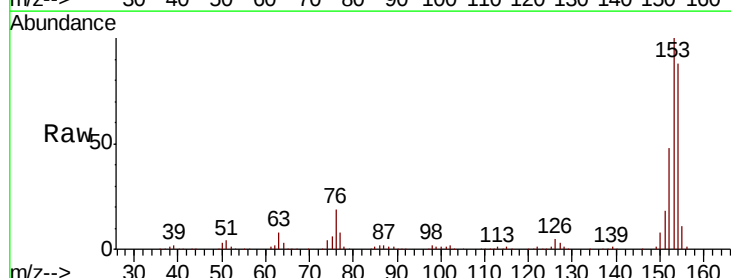
RT: 9.90 min Scan# 1329

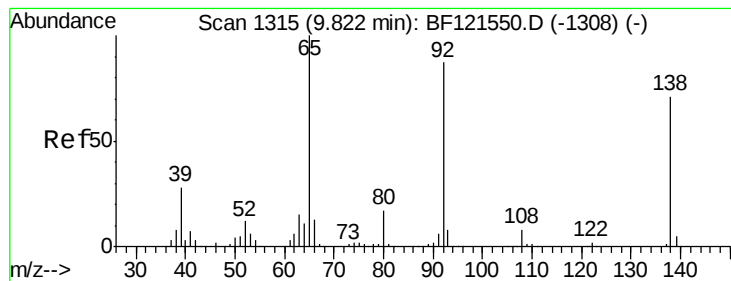
Delta R.T. 0.00 min

Lab File: BF121609.D

Acq: 18 Sep 2020 10:32

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	1151554		
153	113.2	91.0	136.4	
152	54.8	44.2	66.2	





#53

3-Nitroaniline

Concen: 45.973 ng

RT: 9.83 min Scan# 1316

Delta R.T. 0.01 min

Lab File: BF121609.D

Acq: 18 Sep 2020 10:32

Instrument :

BNA_F

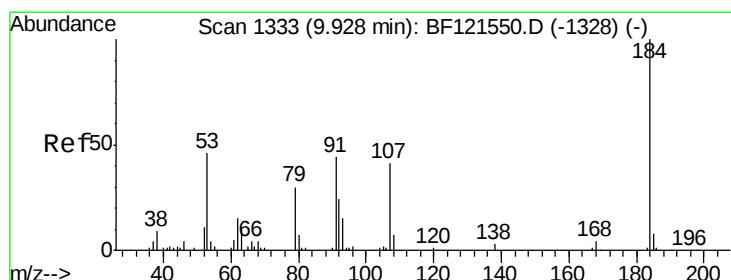
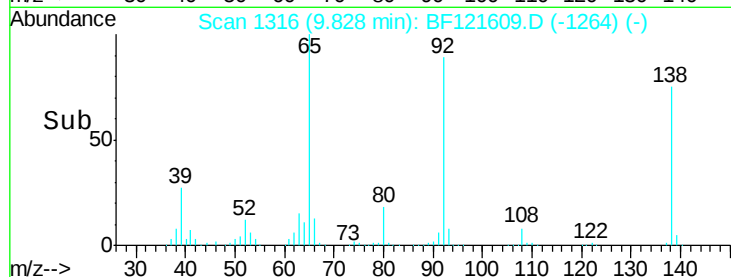
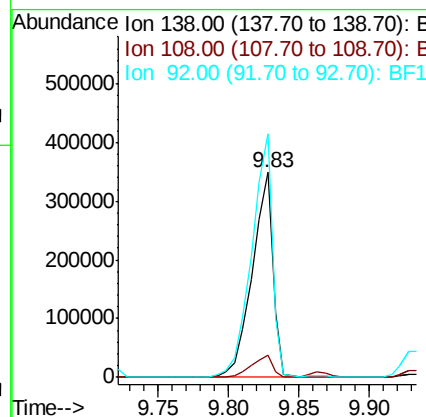
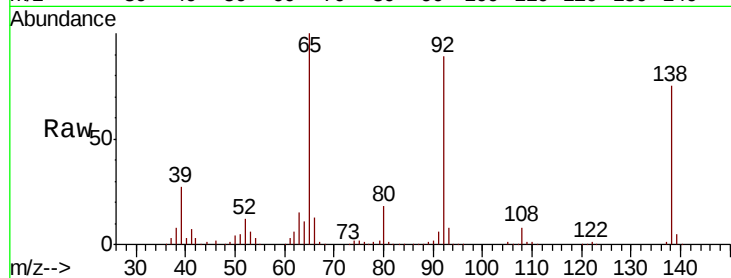
ClientSampleId :

SSTDCCC040

Tot Ion:	138	Resp:	361888
Ion Ratio	Lower	Upper	
138	100		
108	11.0	9.0	13.6
92	118.9	97.4	146.0

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#54

2,4-Dinitrophenol

Concen: 50.697 ng

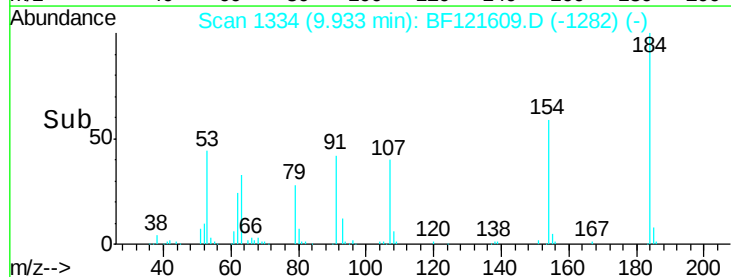
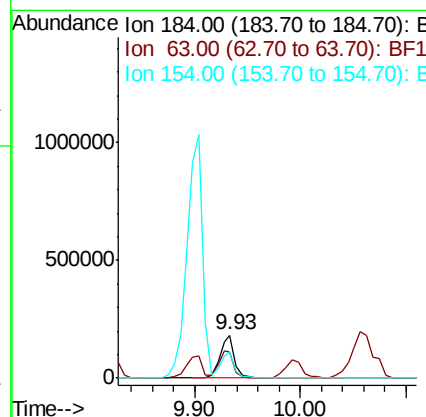
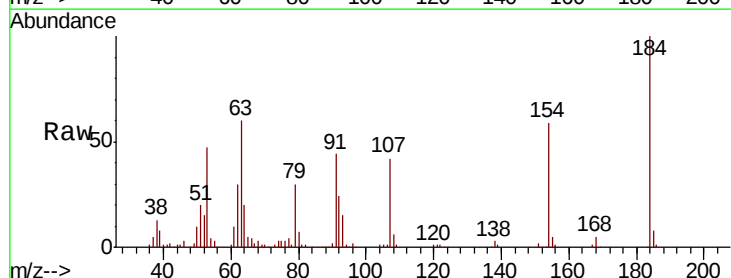
RT: 9.93 min Scan# 1334

Delta R.T. 0.01 min

Lab File: BF121609.D

Acq: 18 Sep 2020 10:32

Tgt Ion:	184	Resp:	184047
Ion Ratio	Lower	Upper	
184	100		
63	60.0	47.7	71.5
154	59.0	47.2	70.8





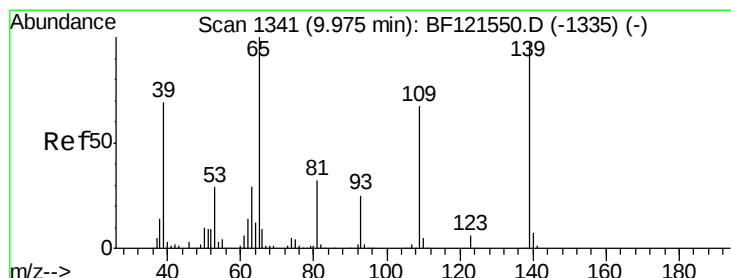
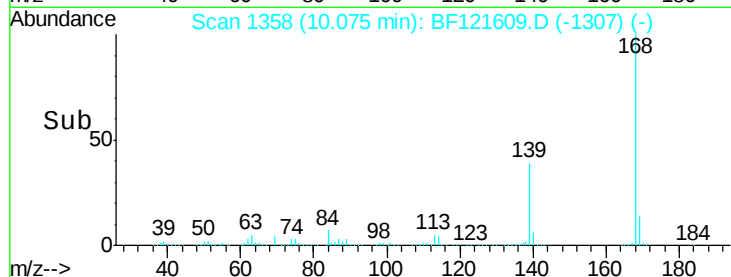
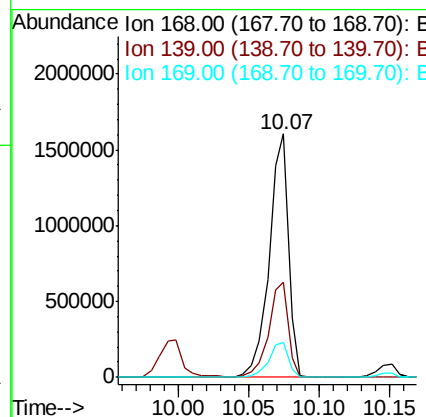
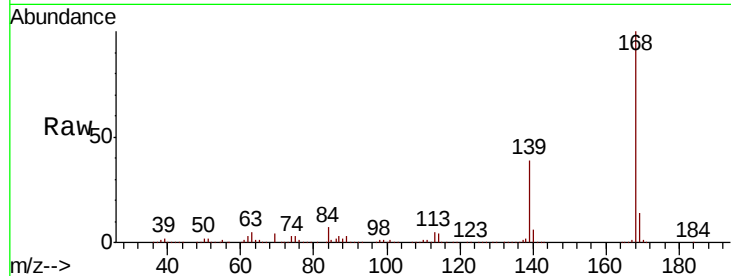
#55
Dibenzenofuran
Concen: 40.823 ng
RT: 10.07 min Scan# 1358
Delta R.T. 0.00 min
Lab File: BF121609.D
Acq: 18 Sep 2020 10:32

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
168	100		
139	39.3	31.4	47.0
169	14.2	11.9	17.9

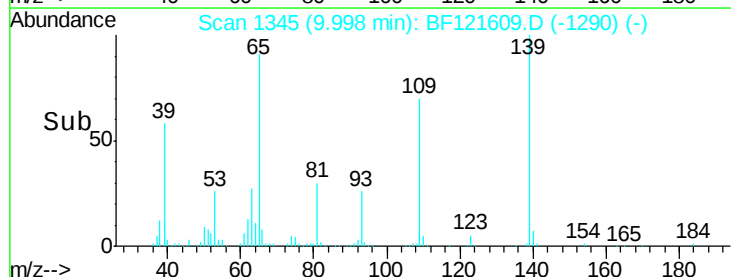
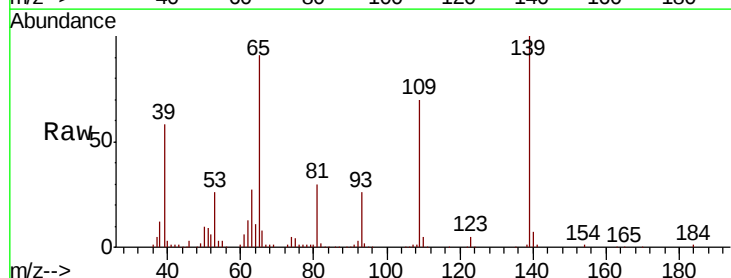
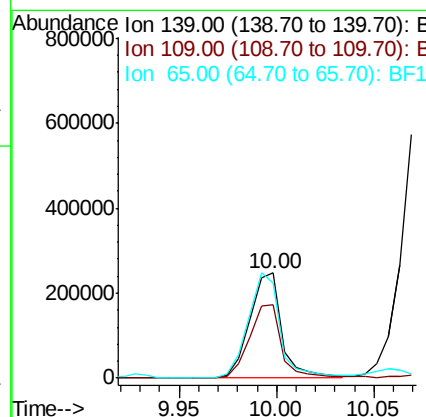
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#56
4-Nitrophenol
Concen: 45.015 ng
RT: 10.00 min Scan# 1345
Delta R.T. 0.02 min
Lab File: BF121609.D
Acq: 18 Sep 2020 10:32

Tgt Ion	Ratio	Lower	Upper
139	100		
109	69.8	48.8	88.8
65	91.0	83.6	123.6





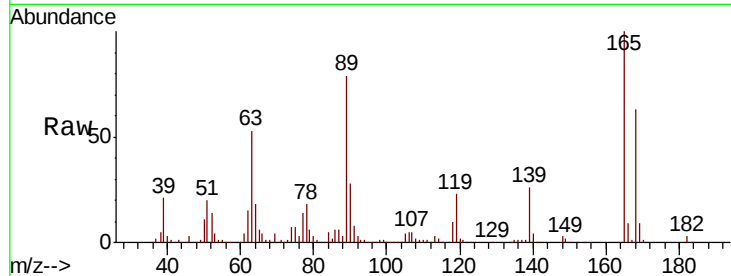
#57
2,4-Dinitrotoluene
Concen: 49.460 ng
RT: 10.06 min Scan# 1355
Delta R.T. 0.00 min
Lab File: BF121609.D
Acq: 18 Sep 2020 10:32

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

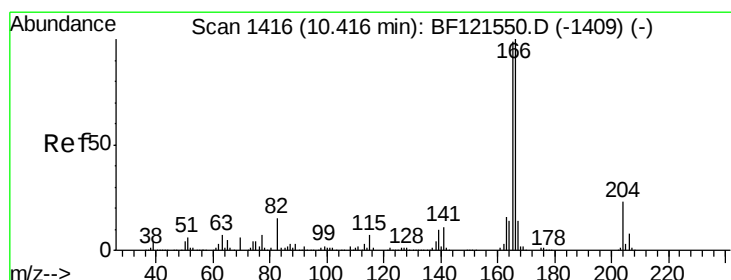
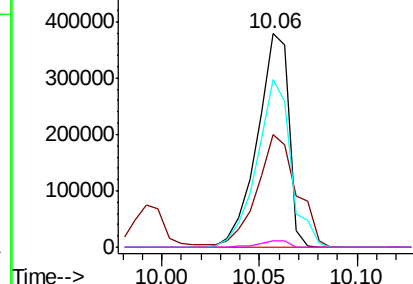
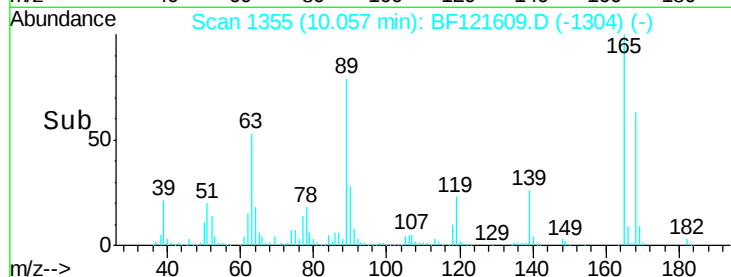
Tot Ion	Ratio	Resp	Lower	Upper
165	100	422815		
63	52.9	36.2	54.4	
89	78.6	58.2	87.4	
182	2.8	2.2	3.2	

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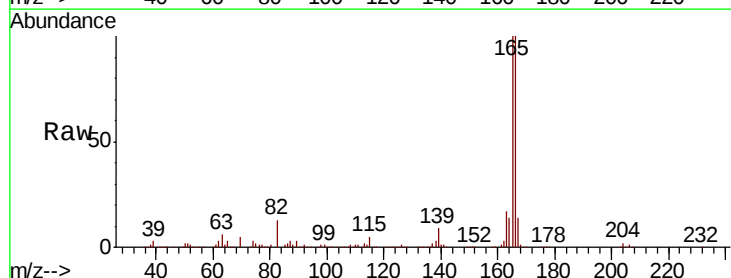


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

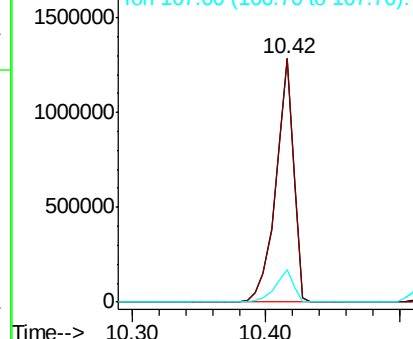
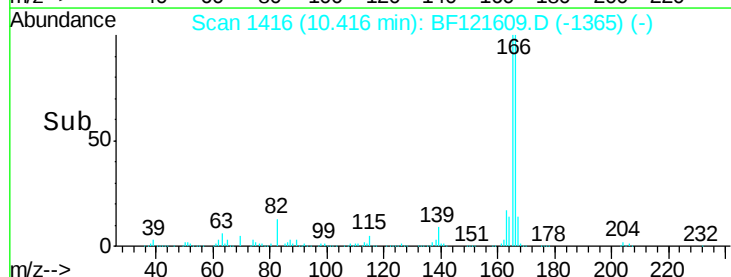


#58
Fluorene
Concen: 41.243 ng
RT: 10.42 min Scan# 1416
Delta R.T. 0.00 min
Lab File: BF121609.D
Acq: 18 Sep 2020 10:32

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	1197085		
165	99.8	79.0	118.4	
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





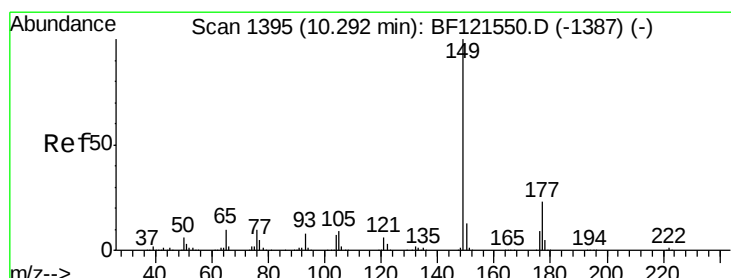
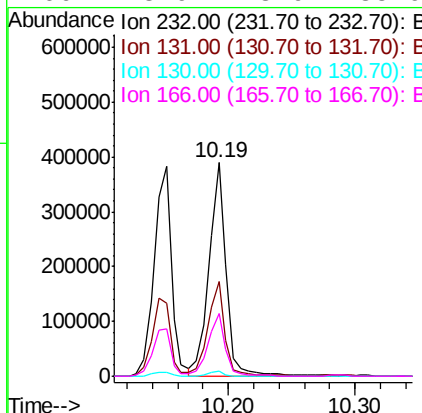
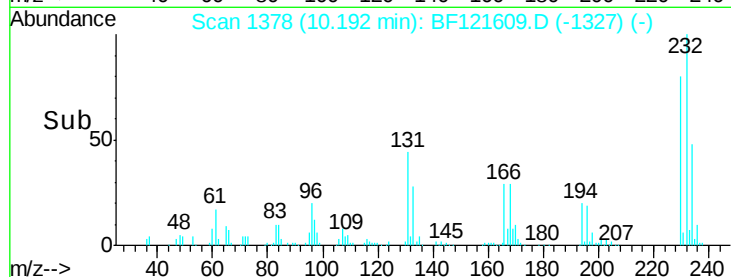
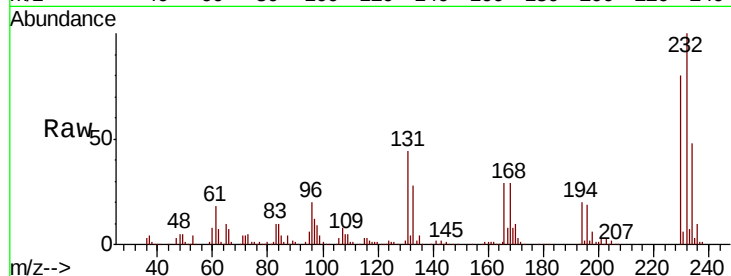
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 46.033 ng
 RT: 10.19 min Scan# 1378
 Delta R.T. 0.00 min
 Lab File: BF121609.D
 Acq: 18 Sep 2020 10:32

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:	232	Resp:	370818
Ion Ratio	Lower	Upper	
232	100		
131	43.0	36.3	54.5
130	2.1	1.9	2.9
166	28.9	23.9	35.9

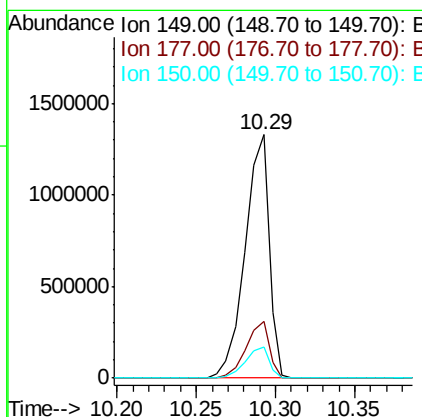
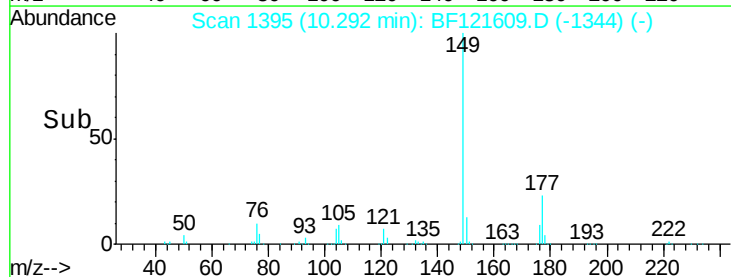
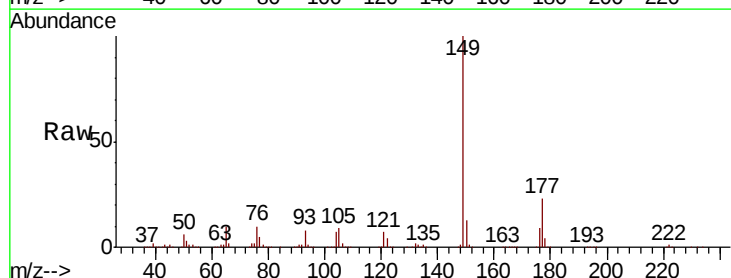
Manual Integrations
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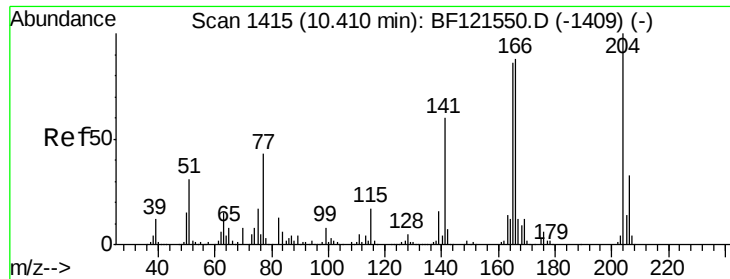
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#60
 Diethylphthalate
 Concen: 44.926 ng
 RT: 10.29 min Scan# 1395
 Delta R.T. 0.00 min
 Lab File: BF121609.D
 Acq: 18 Sep 2020 10:32

Tgt Ion:	149	Resp:	1397580
Ion Ratio	Lower	Upper	
149	100		
177	23.1	18.2	27.2
150	12.8	10.2	15.2





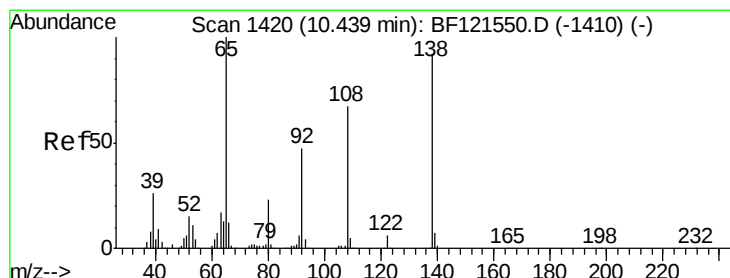
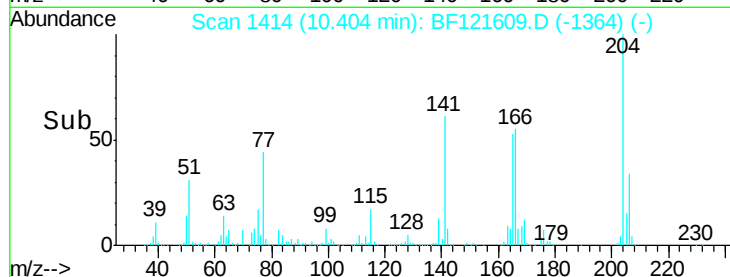
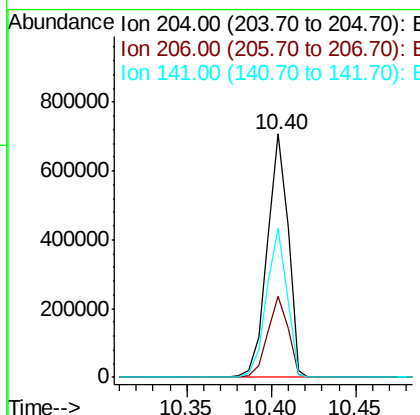
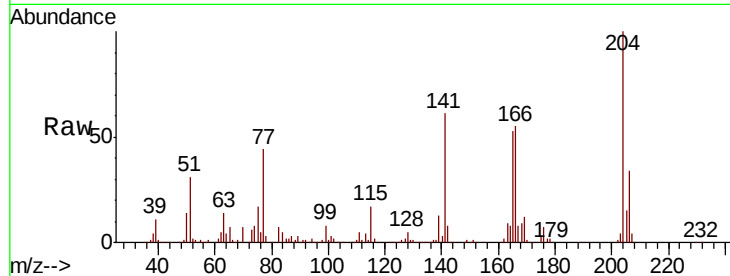
#61
 4-Chlorophenyl-phenylether
 Concen: 43.458 ng
 RT: 10.40 min Scan# 1414
 Delta R.T. -0.01 min
 Lab File: BF121609.D
 Acq: 18 Sep 2020 10:32

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tot Ion:	204	Resp:	604248
Ion Ratio	Lower	Upper	
204	100		
206	33.5	26.4	39.6
141	61.3	48.3	72.5

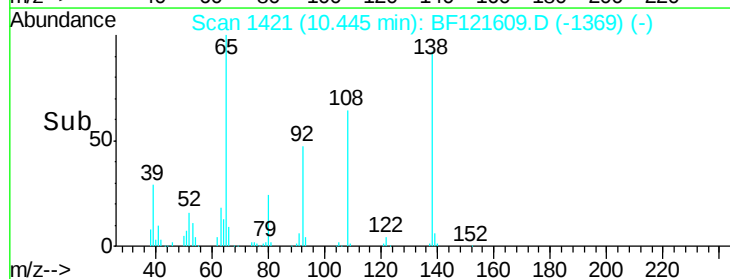
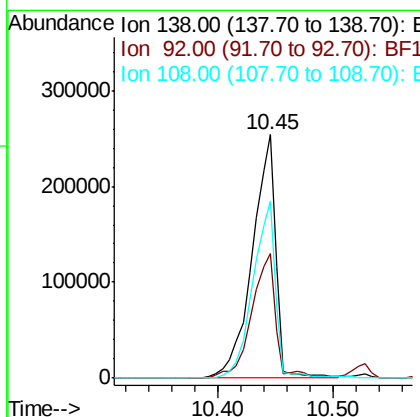
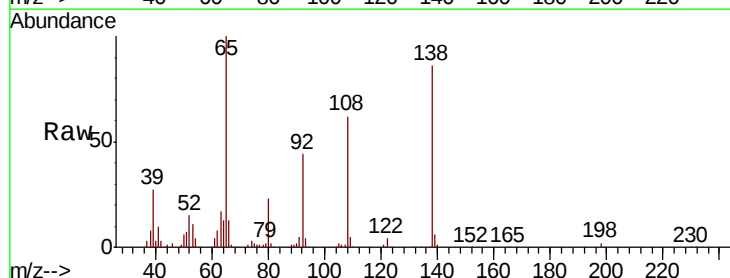
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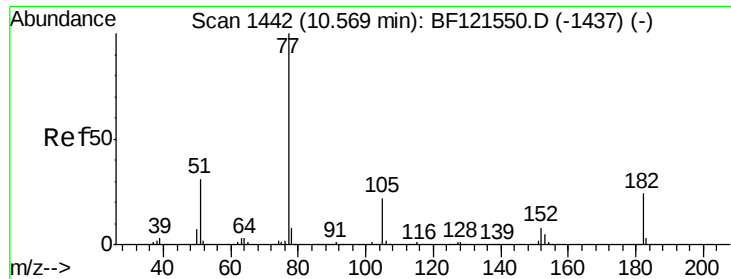
mohammad
 9/21/2020 10:34:02 AM



#62
 4-Nitroaniline
 Concen: 46.480 ng
 RT: 10.45 min Scan# 1421
 Delta R.T. 0.01 min
 Lab File: BF121609.D
 Acq: 18 Sep 2020 10:32

Tgt Ion:	138	Resp:	363277
Ion Ratio	Lower	Upper	
138	100		
92	51.3	31.4	71.4
108	72.5	52.4	92.4





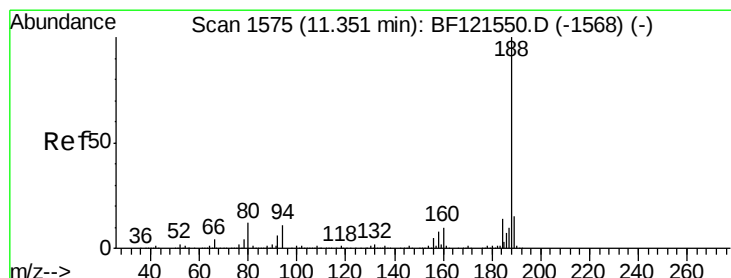
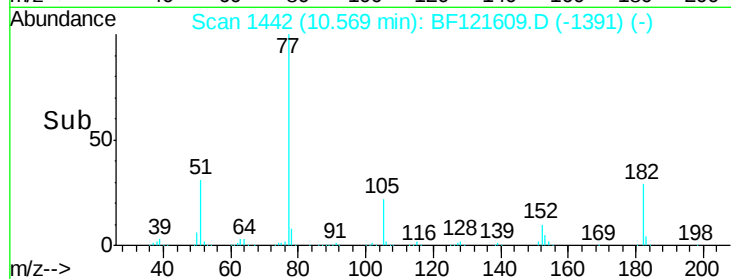
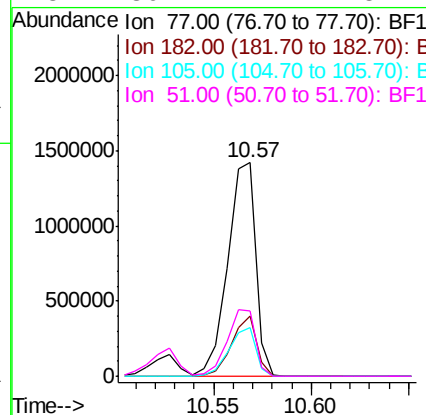
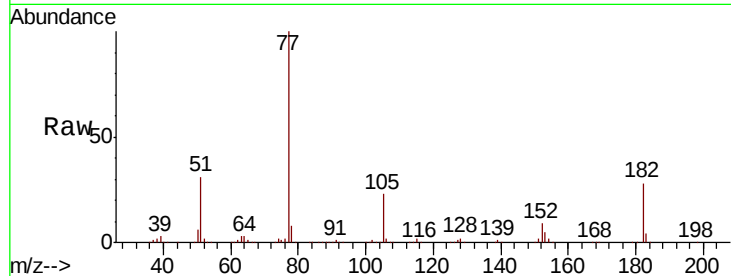
#63
Azobenzene
Concen: 42.568 ng
RT: 10.57 min Scan# 1442
Delta R.T. 0.00 min
Lab File: BF121609.D
Acq: 18 Sep 2020 10:32

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	28.5	3.9	43.9	
105	22.6	2.2	42.2	
51	30.7	11.1	51.1	

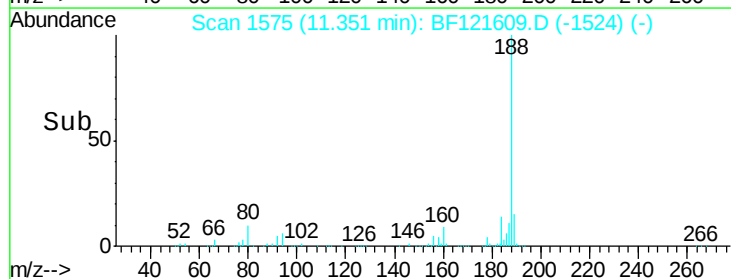
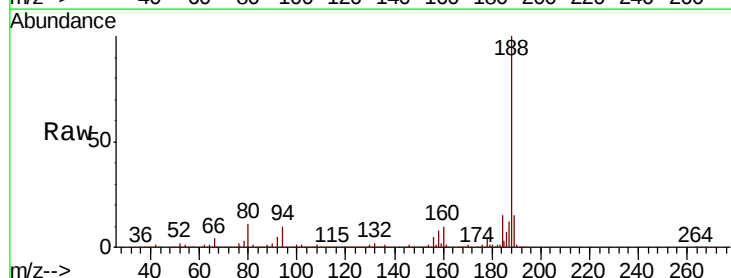
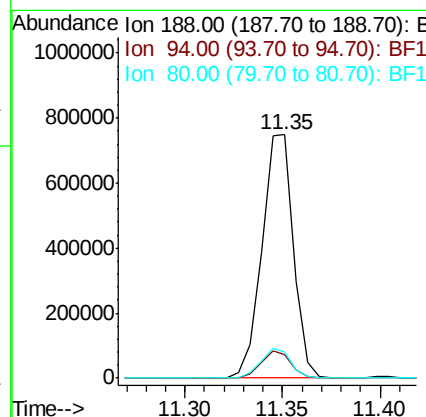
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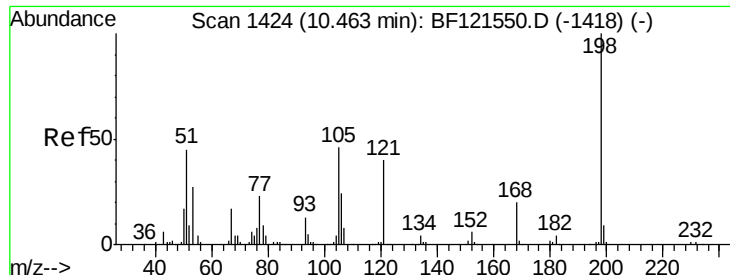
mohammad
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.35 min Scan# 1575
Delta R.T. 0.00 min
Lab File: BF121609.D
Acq: 18 Sep 2020 10:32

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	9.8	8.7	13.1	
80	10.9	9.3	13.9	





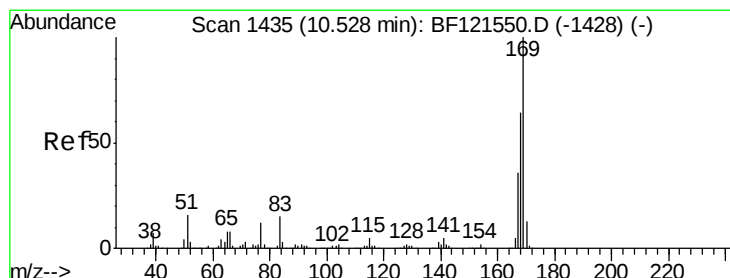
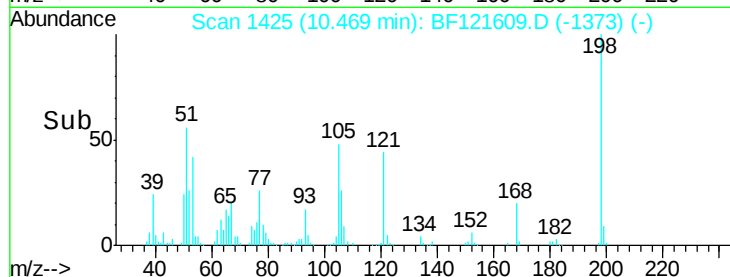
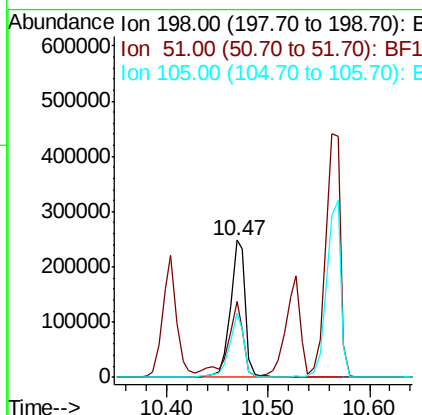
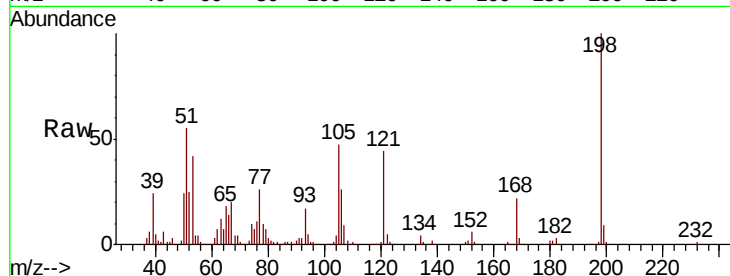
#65
 4,6-Dinitro-2-methylphenol
 Concen: 49.614 ng
 RT: 10.47 min Scan# 1425
 Delta R.T. 0.01 min
 Lab File: BF121609.D
 Acq: 18 Sep 2020 10:32

Instrument :
 BNA_F
 ClientSampled :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
198	100		
51	55.5	31.1	71.1
105	47.3	26.6	66.6

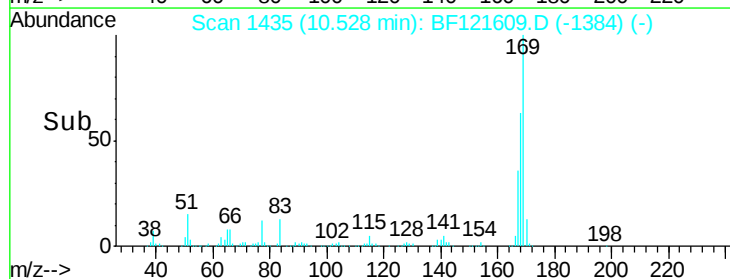
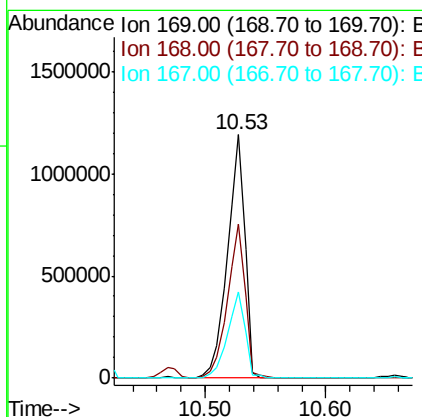
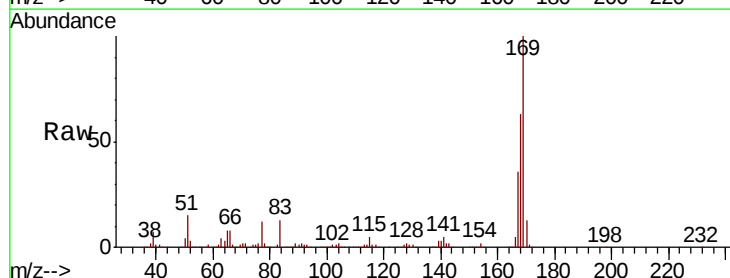
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#66
 n-Nitrosodiphenylamine
 Concen: 41.736 ng
 RT: 10.53 min Scan# 1435
 Delta R.T. 0.00 min
 Lab File: BF121609.D
 Acq: 18 Sep 2020 10:32

Tgt Ion	Ratio	Lower	Upper
169	100		
168	63.5	51.2	76.8
167	35.5	28.9	43.3





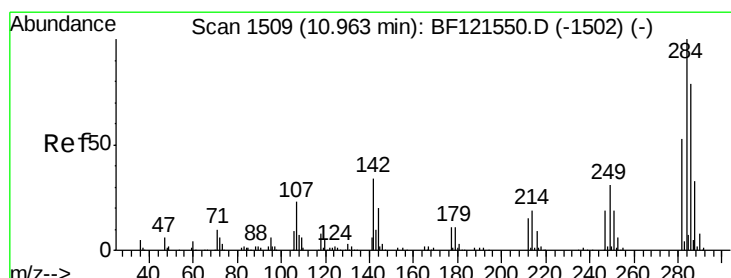
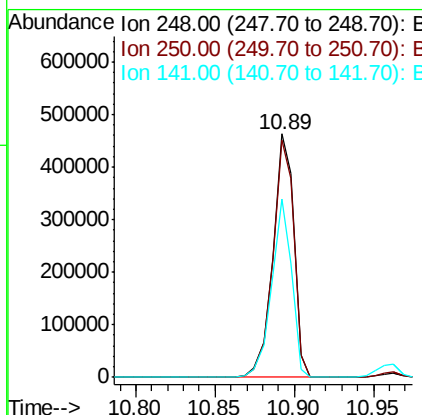
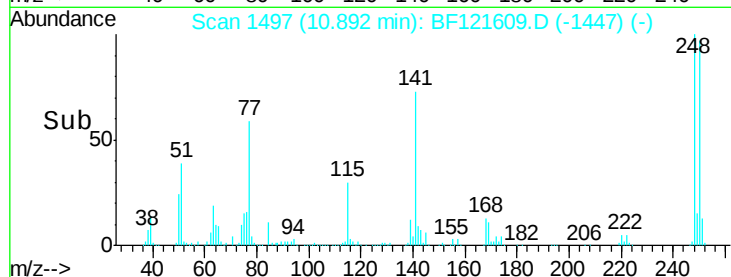
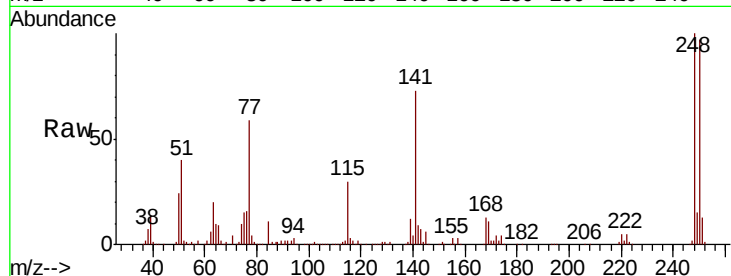
#67
 4-Bromophenyl-phenylether
 Concen: 45.170 ng
 RT: 10.89 min Scan# 1497
 Delta R.T. -0.01 min
 Lab File: BF121609.D
 Acq: 18 Sep 2020 10:32

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:	248	Resp:	427906
Ion Ratio	Lower	Upper	
248	100		
250	97.4	77.4	116.0
141	73.3	56.7	85.1

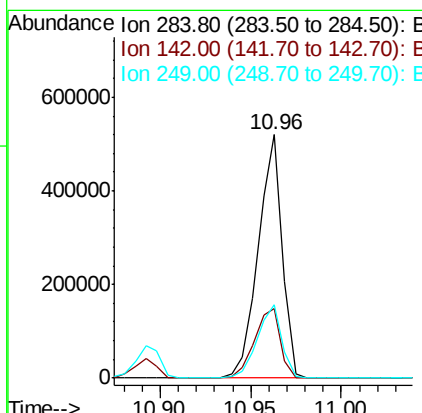
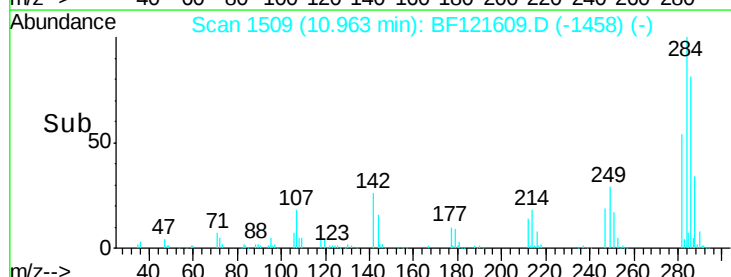
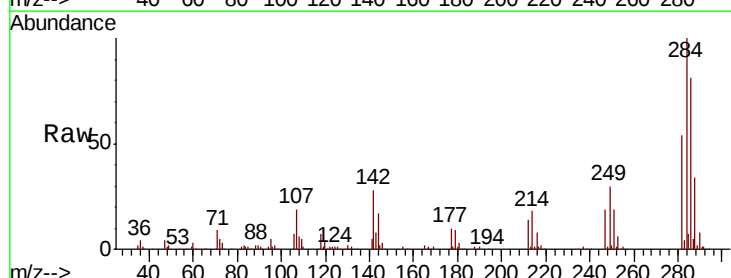
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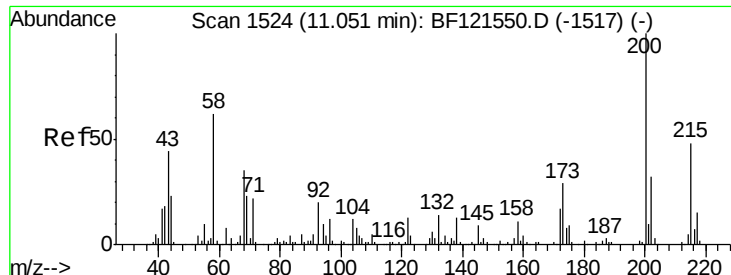
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#68
 Hexachlorobenzene
 Concen: 44.626 ng
 RT: 10.96 min Scan# 1509
 Delta R.T. 0.00 min
 Lab File: BF121609.D
 Acq: 18 Sep 2020 10:32

Tgt Ion:	284	Resp:	477088
Ion Ratio	Lower	Upper	
284	100		
142	28.4	27.0	40.4
249	30.2	24.7	37.1





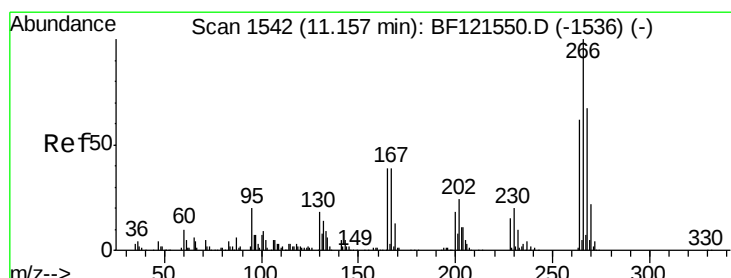
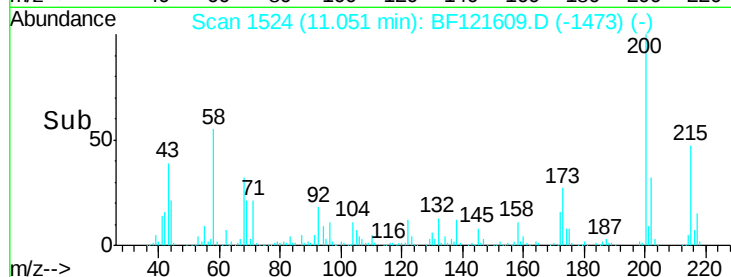
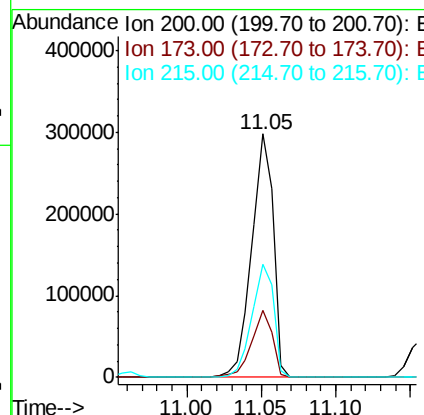
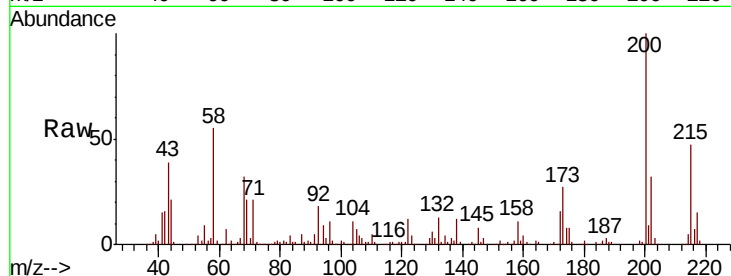
#69
Atrazine
Concen: 41.880 ng
RT: 11.05 min Scan# 1524
Delta R.T. 0.00 min
Lab File: BF121609.D
Acq: 18 Sep 2020 10:32

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	27.3	8.5	48.5
215	46.6	27.8	67.8

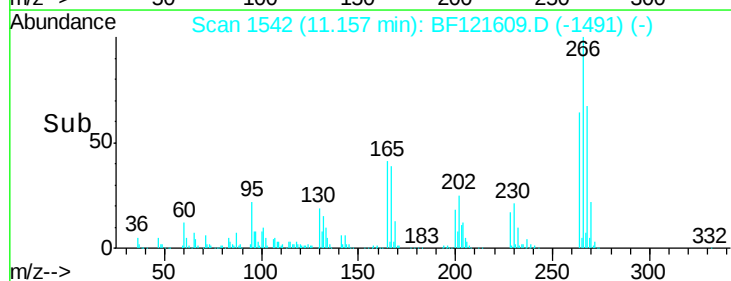
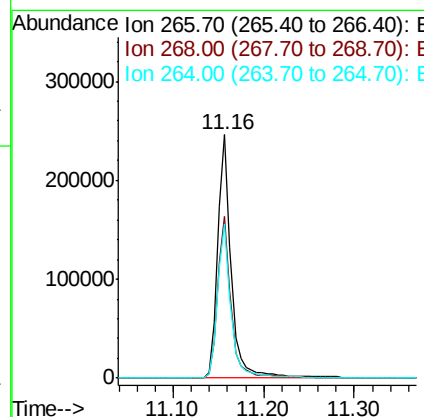
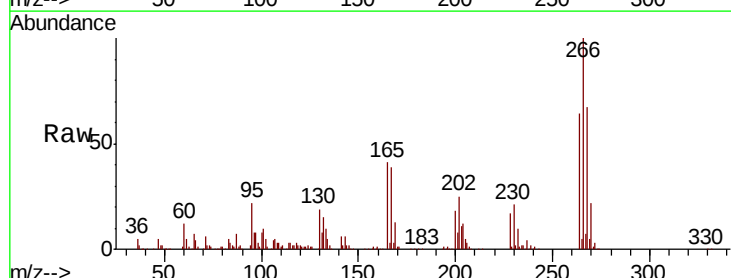
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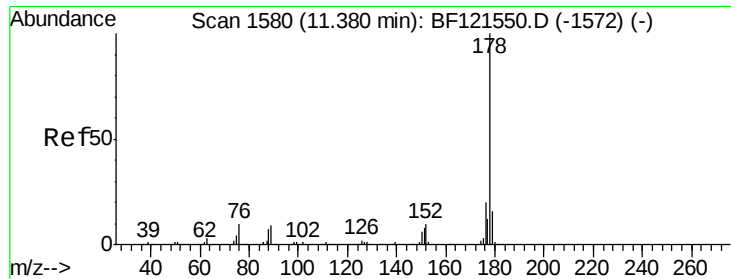
mohammad
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#70
Pentachlorophenol
Concen: 44.236 ng
RT: 11.16 min Scan# 1542
Delta R.T. 0.00 min
Lab File: BF121609.D
Acq: 18 Sep 2020 10:32

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	66.6	53.5	80.3
264	63.5	49.8	74.8





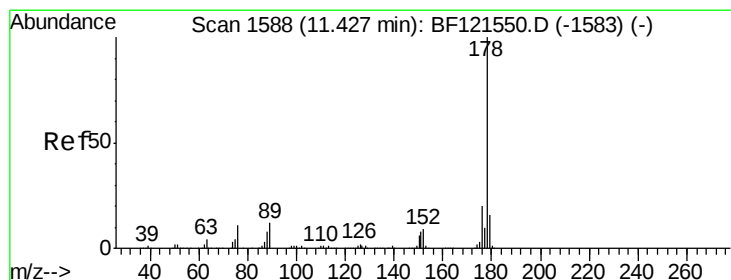
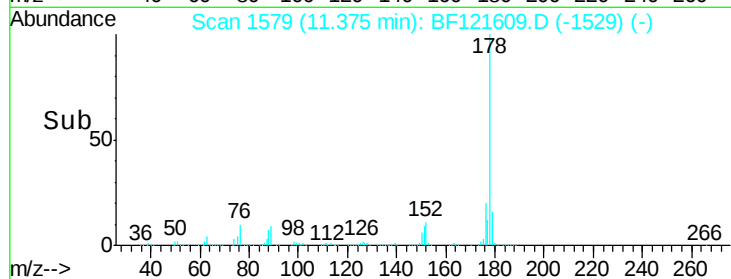
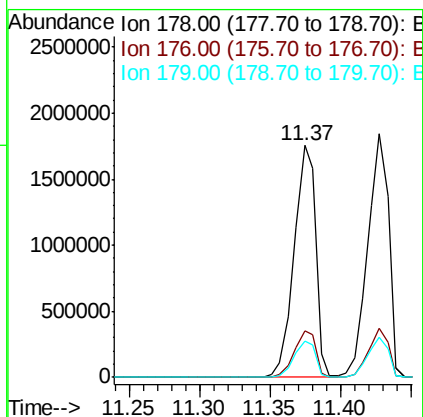
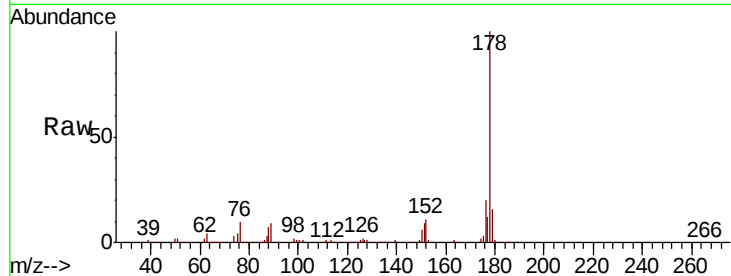
#71
Phenanthrene
Concen: 41.039 ng
RT: 11.37 min Scan# 1579
Delta R.T. -0.01 min
Lab File: BF121609.D
Acq: 18 Sep 2020 10:32

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:178 Resp: 1860464
Ion Ratio Lower Upper
178 100
176 20.2 16.2 24.4
179 15.9 12.6 19.0

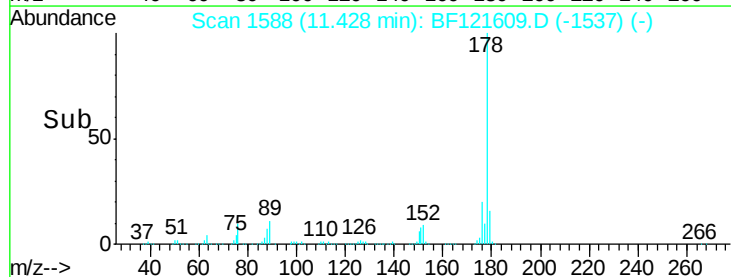
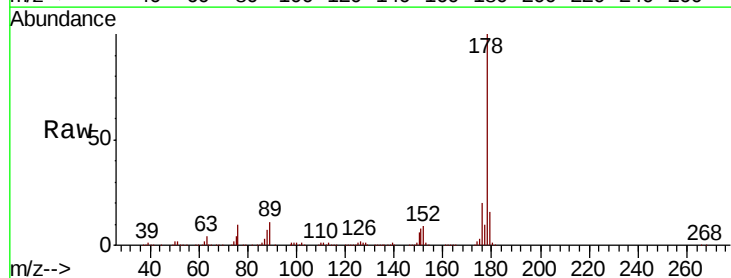
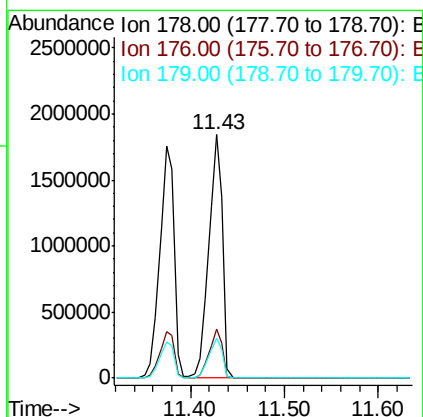
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#72
Anthracene
Concen: 40.651 ng
RT: 11.43 min Scan# 1588
Delta R.T. 0.00 min
Lab File: BF121609.D
Acq: 18 Sep 2020 10:32

Tgt Ion:178 Resp: 1901758
Ion Ratio Lower Upper
178 100
176 19.9 15.7 23.5
179 16.3 12.8 19.2





#73

Carbazole

Concen: 41.842 ng

RT: 11.58 min Scan# 1614

Delta R.T. 0.00 min

Lab File: BF121609.D

Acq: 18 Sep 2020 10:32

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:167 Resp: 1766449

Ion Ratio Lower Upper

167 100

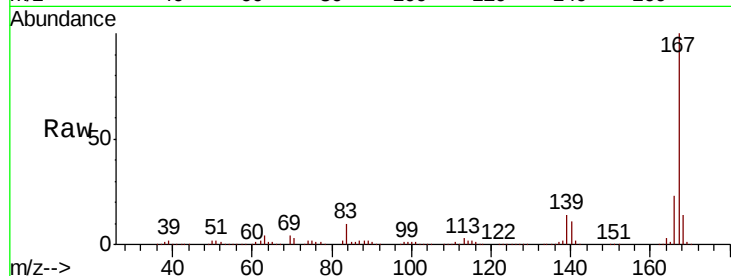
166 22.6 17.9 26.9

139 14.1 11.2 16.8

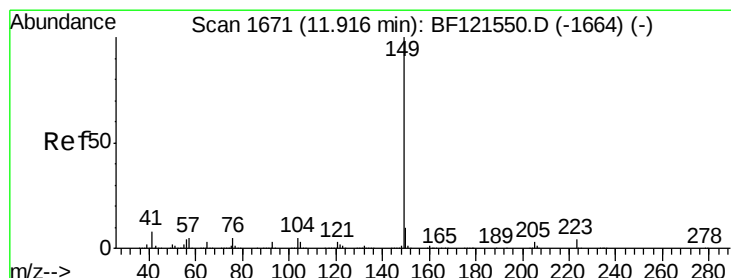
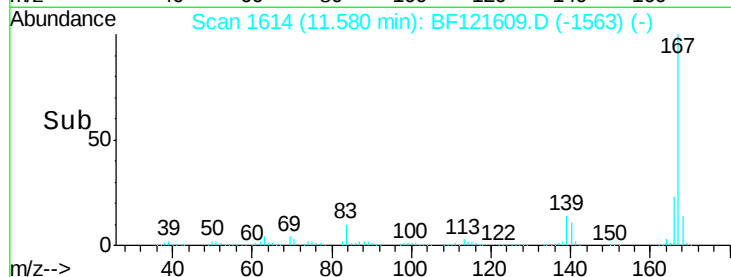
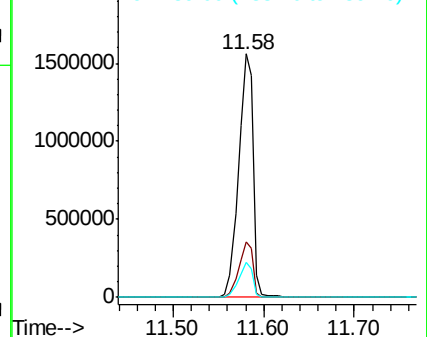
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Abundance Ion 167.00 (166.70 to 167.70): E
Ion 166.00 (165.70 to 166.70): E
Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 43.495 ng

RT: 11.91 min Scan# 1670

Delta R.T. -0.01 min

Lab File: BF121609.D

Acq: 18 Sep 2020 10:32

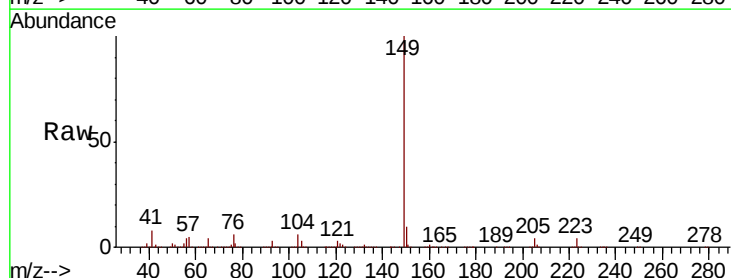
Tgt Ion:149 Resp: 2119286

Ion Ratio Lower Upper

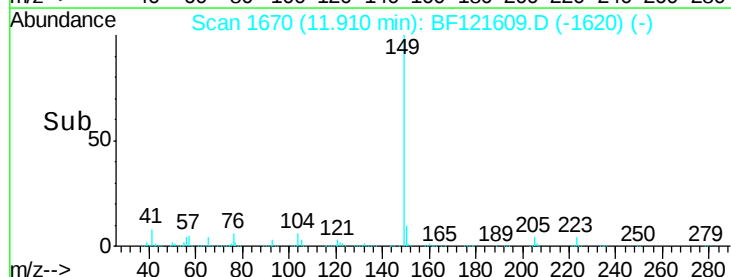
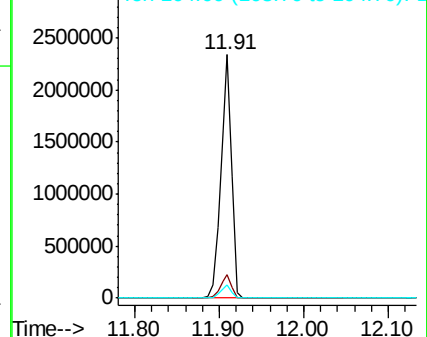
149 100

150 9.7 7.6 11.4

104 5.6 4.2 6.4



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





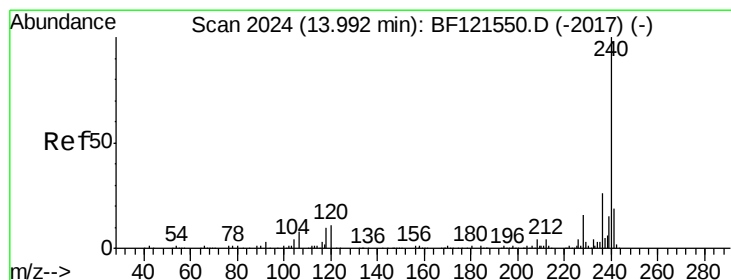
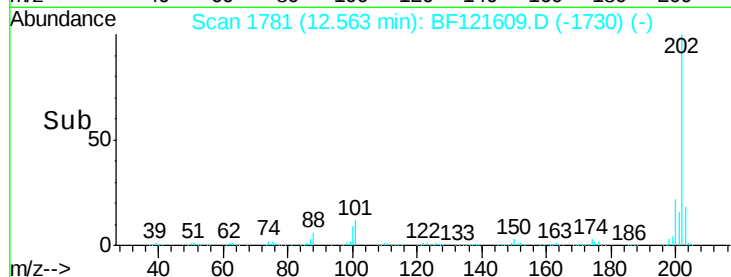
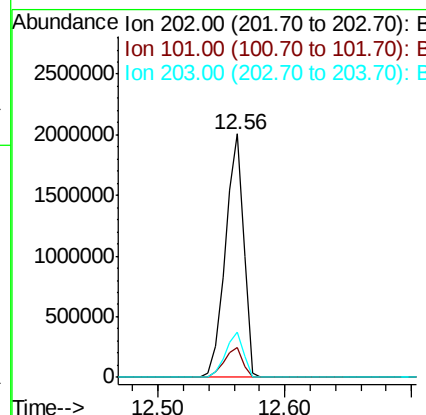
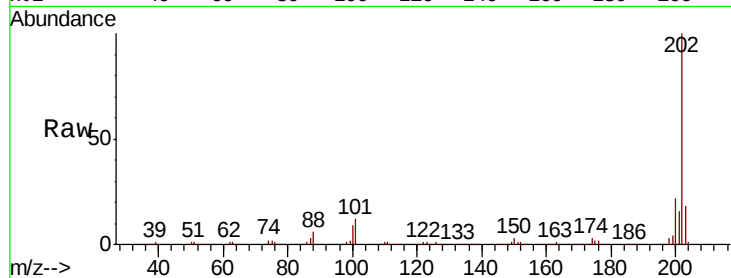
#75
 Fluoranthene
 Concen: 41.677 ng
 RT: 12.56 min Scan# 1781
 Delta R.T. 0.00 min
 Lab File: BF121609.D
 Acq: 18 Sep 2020 10:32

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
202	100		
101	12.3	0.0	34.0
203	18.5	0.0	38.2

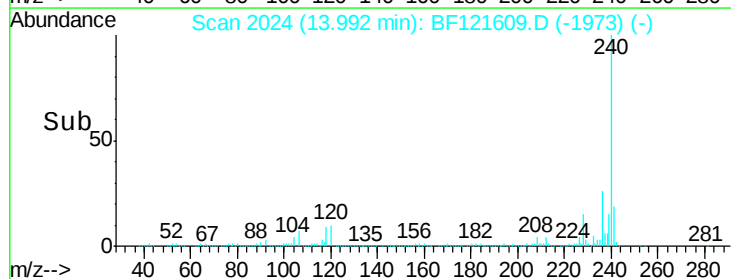
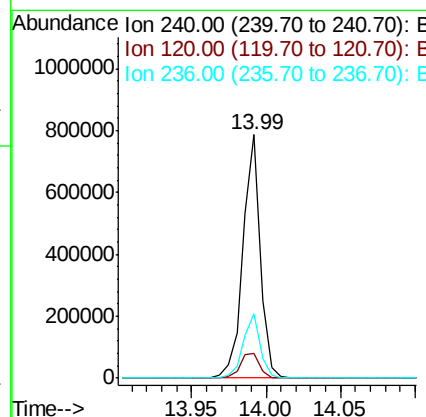
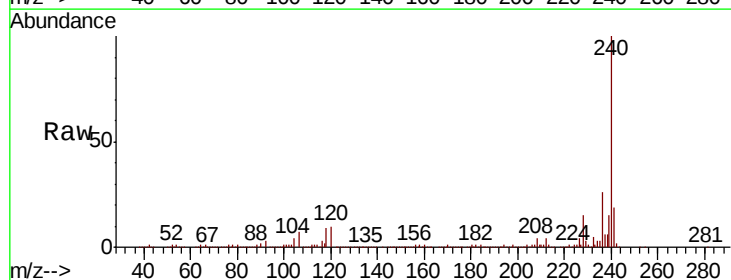
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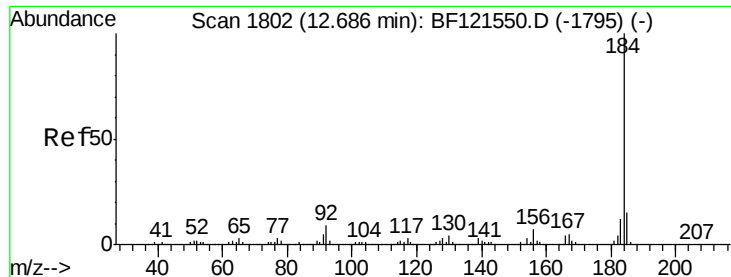
mohammad
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#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.99 min Scan# 2024
 Delta R.T. 0.00 min
 Lab File: BF121609.D
 Acq: 18 Sep 2020 10:32

Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.4	9.2	13.8
236	26.4	20.5	30.7





#77

Benzidine

Concen: 40.007 ng

RT: 12.68 min Scan# 1801

Delta R.T. -0.01 min

Lab File: BF121609.D

Acq: 18 Sep 2020 10:32

Instrument :

BNA_F

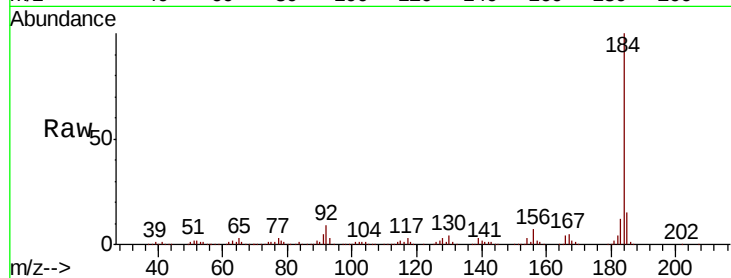
ClientSampleId :

SSTDCCC040

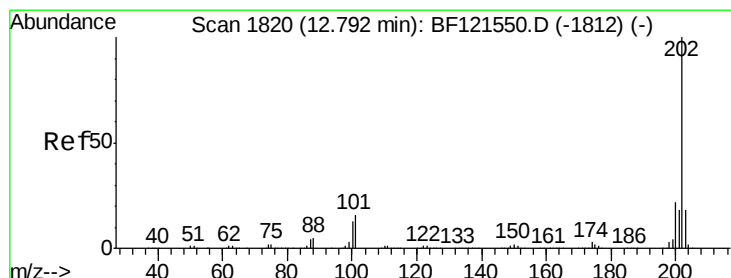
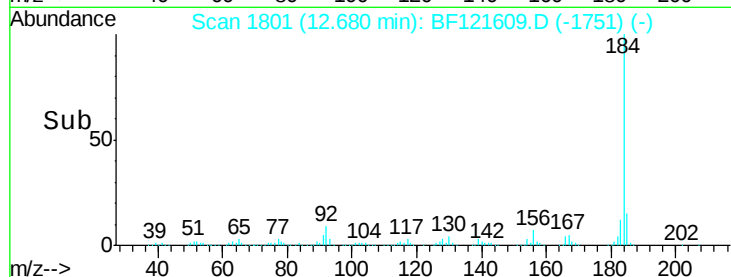
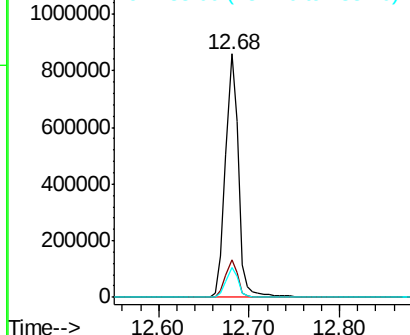
Tot Ion:	184	Resp:	846203
Ion Ratio	Lower	Upper	
184	100		
185	15.2	12.0	18.0
183	12.0	9.5	14.3

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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: 44.215 ng

RT: 12.79 min Scan# 1820

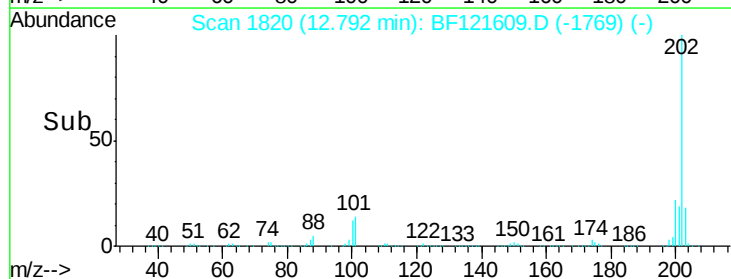
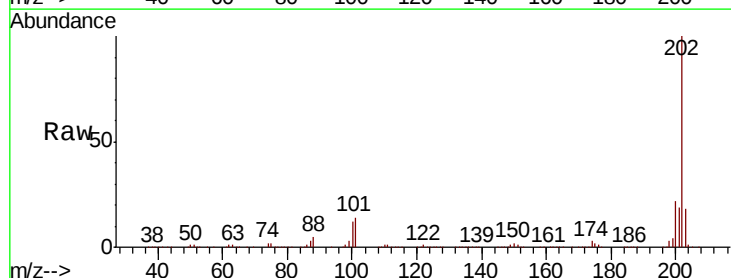
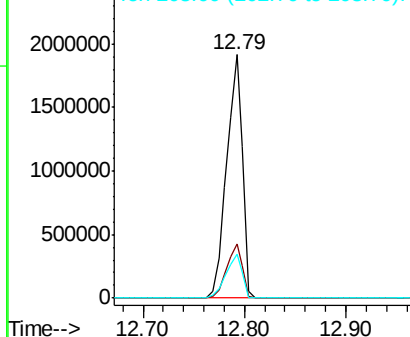
Delta R.T. 0.00 min

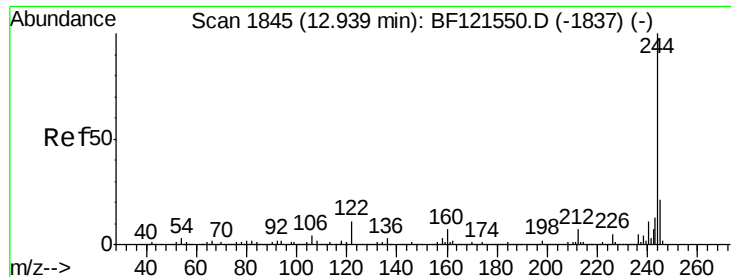
Lab File: BF121609.D

Acq: 18 Sep 2020 10:32

Tgt Ion:	202	Resp:	2061098
Ion Ratio	Lower	Upper	
202	100		
200	22.4	17.8	26.8
203	18.3	14.6	22.0

Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 88.130 ng

RT: 12.94 min Scan# 1845

Delta R.T. 0.00 min

Lab File: BF121609.D

Acq: 18 Sep 2020 10:32

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:244 Resp: 2775459

Ion Ratio Lower Upper

244 100

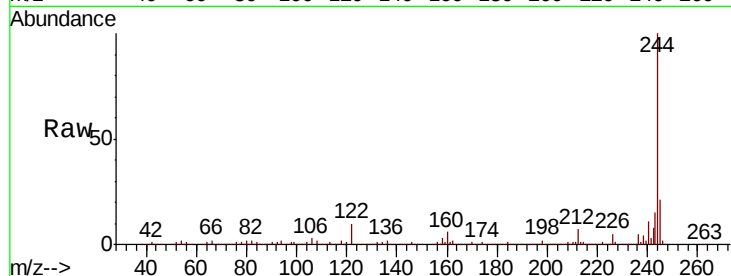
212 7.1 5.7 8.5

122 9.6 8.7 13.1

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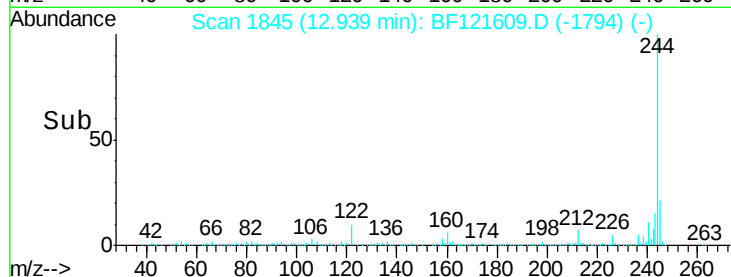


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

Time--> 12.80 12.90 13.00 13.10



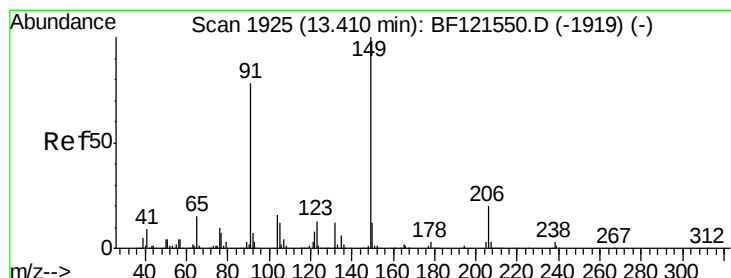
Abundance

Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

Time--> 12.80 12.90 13.00 13.10



#80

Butylbenzylphthalate

Concen: 49.366 ng

RT: 13.40 min Scan# 1924

Delta R.T. -0.01 min

Lab File: BF121609.D

Acq: 18 Sep 2020 10:32

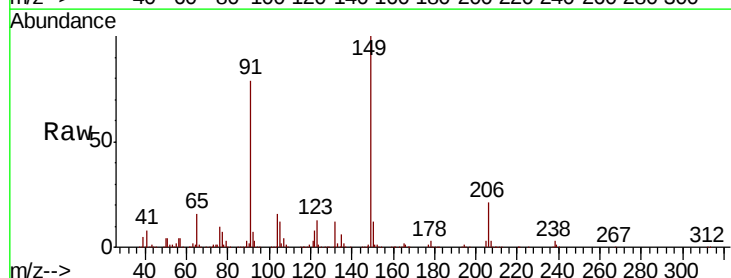
Tgt Ion:149 Resp: 930681

Ion Ratio Lower Upper

149 100

91 78.7 62.6 94.0

206 20.5 15.8 23.6

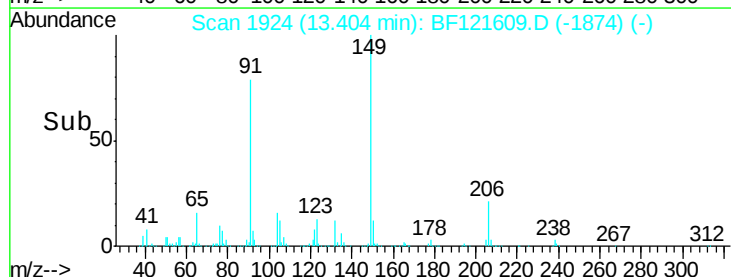


Abundance Ion 149.00 (148.70 to 149.70): E

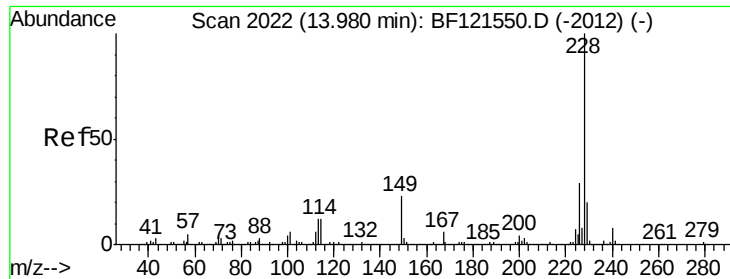
Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E

Time--> 13.35 13.40 13.45



Time--> 13.35 13.40 13.45



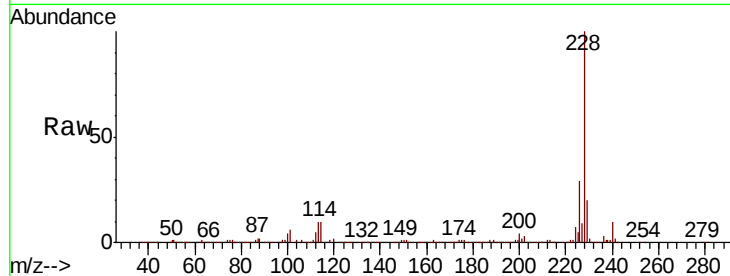
#81
Benzo(a)anthracene
Concen: 44.500 ng
RT: 13.98 min Scan# 2022
Delta R.T. 0.00 min
Lab File: BF121609.D
Acq: 18 Sep 2020 10:32

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.6	22.9	34.3
229	20.2	16.3	24.5

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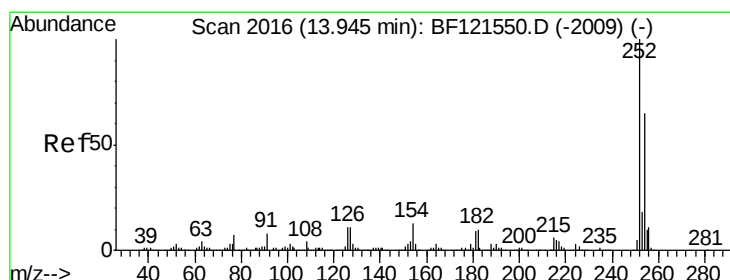
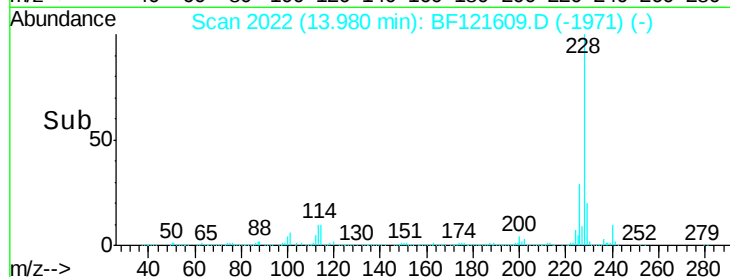
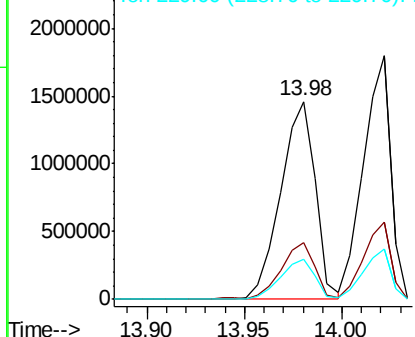


Abundance

Ion 228.00 (227.70 to 228.70): E

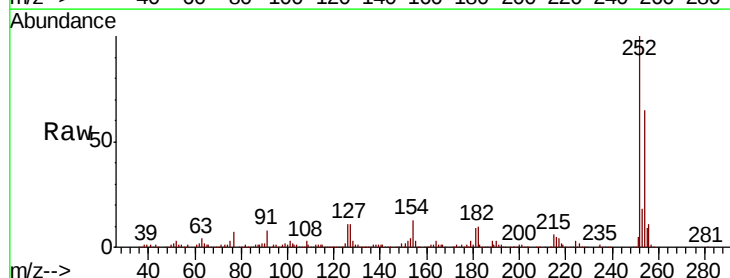
Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82
3,3'-Dichlorobenzidine
Concen: 46.582 ng
RT: 13.94 min Scan# 2016
Delta R.T. 0.00 min
Lab File: BF121609.D
Acq: 18 Sep 2020 10:32

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.8	52.3	78.5
126	10.5	9.1	13.7

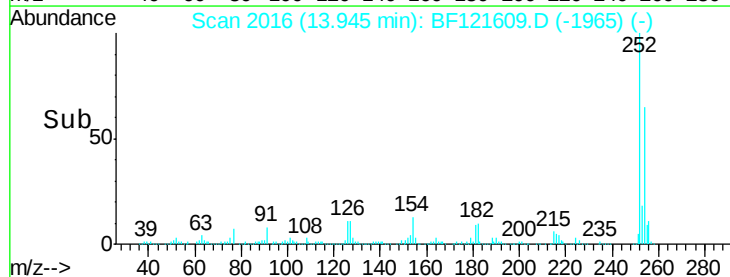
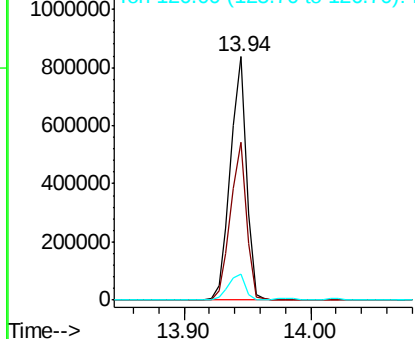


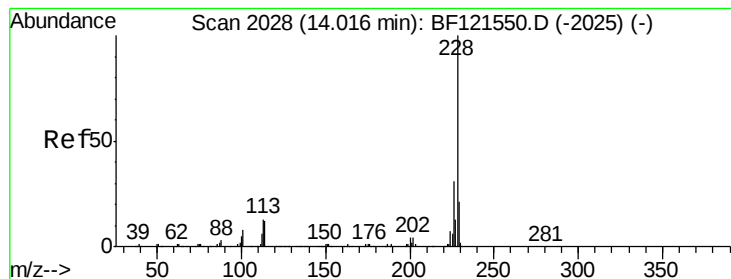
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrvsene

Concen: 42.732 ng

RT: 14.02 min Scan# 2029

Delta R.T. 0.01 min

Lab File: BF121609.D

Acq: 18 Sep 2020 10:32

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:228 Resp: 1746606

Ion Ratio Lower Upper

228 100

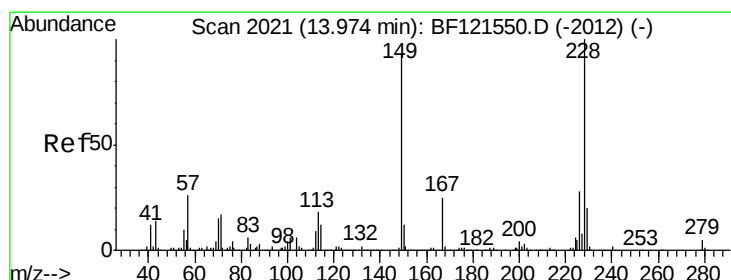
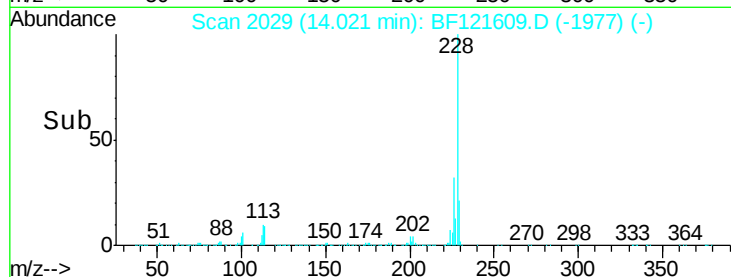
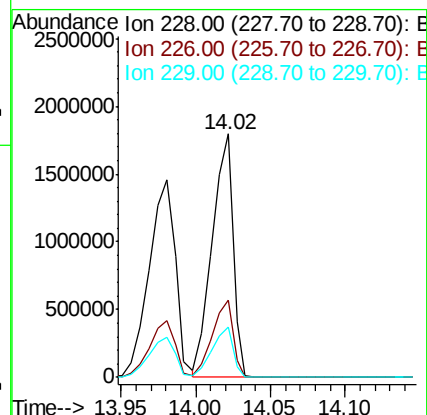
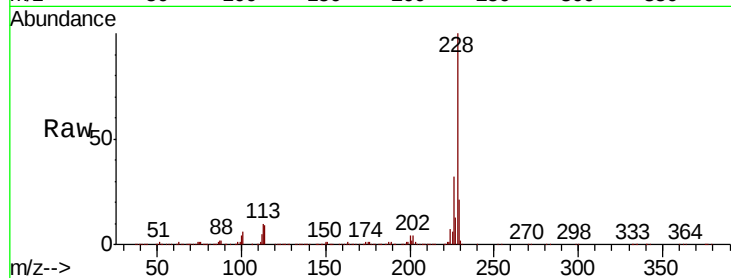
226 31.8 25.1 37.7

229 20.6 16.6 25.0

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#84

Bis(2-ethylhexyl)phthalate

Concen: 48.593 ng

RT: 13.96 min Scan# 2019

Delta R.T. -0.01 min

Lab File: BF121609.D

Acq: 18 Sep 2020 10:32

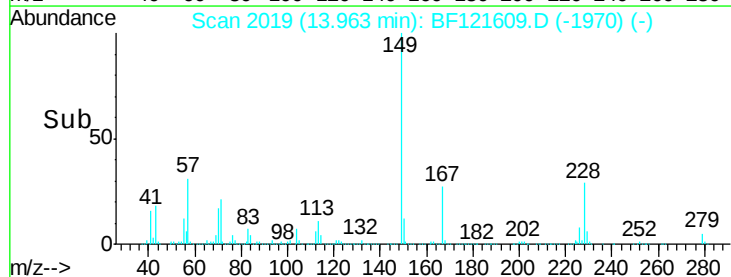
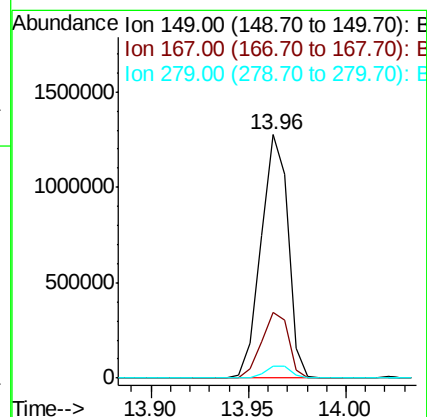
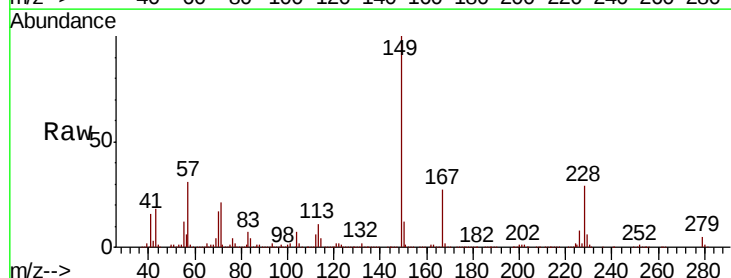
Tgt Ion:149 Resp: 1223860

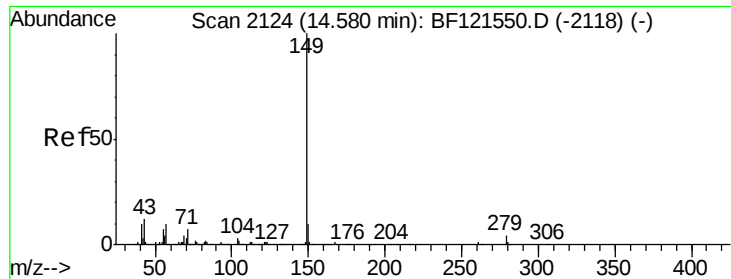
Ion Ratio Lower Upper

149 100

167 26.9 21.6 32.4

279 4.8 4.1 6.1





#85

Di-n-octyl phthalate

Concen: 47.915 ng

RT: 14.57 min Scan# 2123

Delta R.T. -0.01 min

Lab File: BF121609.D

Acq: 18 Sep 2020 10:32

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:149 Resp: 2129707

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

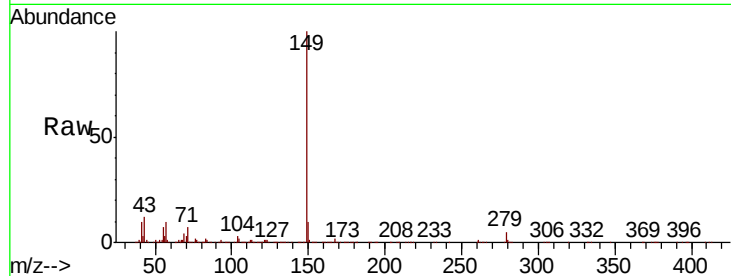
43 11.6 9.4 14.0

Manual Integrations

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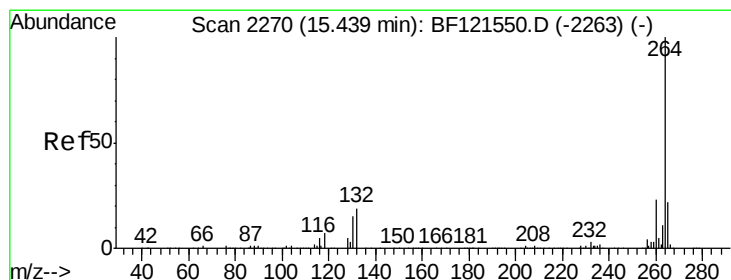
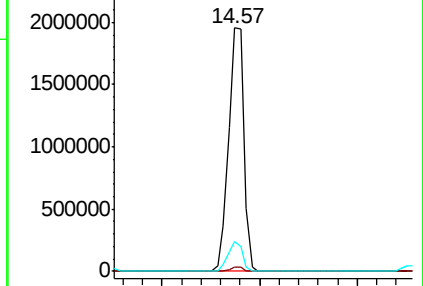
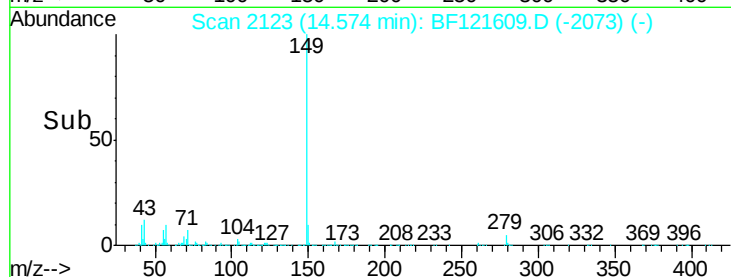
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.44 min Scan# 2270

Delta R.T. 0.00 min

Lab File: BF121609.D

Acq: 18 Sep 2020 10:32

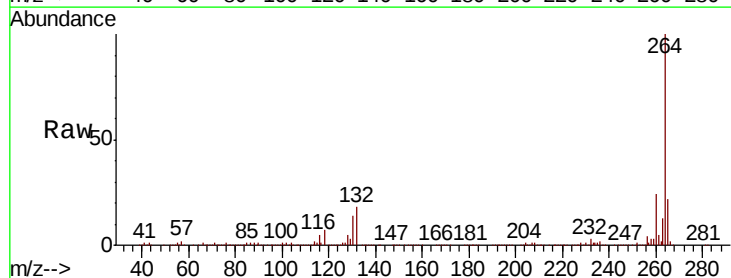
Tgt Ion:264 Resp: 595428

Ion Ratio Lower Upper

264 100

260 24.2 18.8 28.2

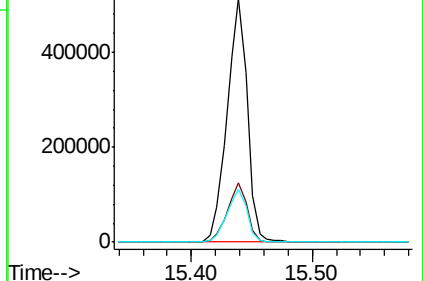
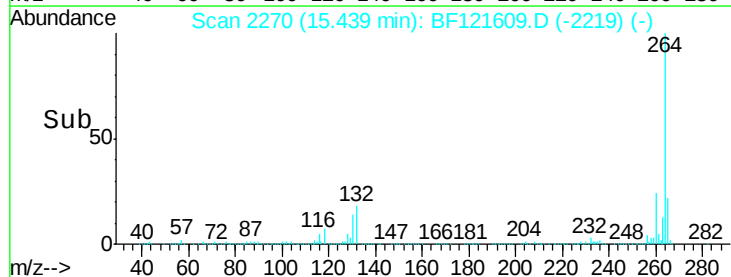
265 22.0 17.8 26.6

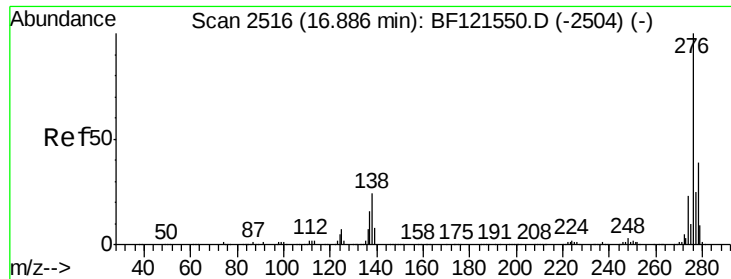


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





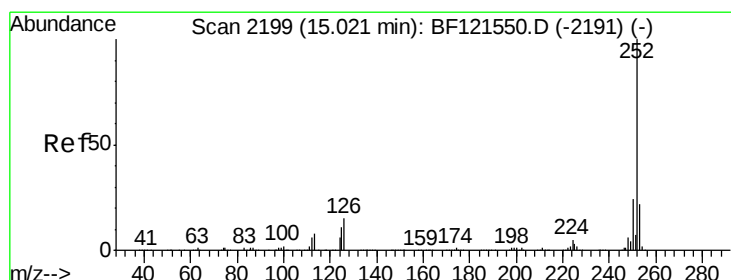
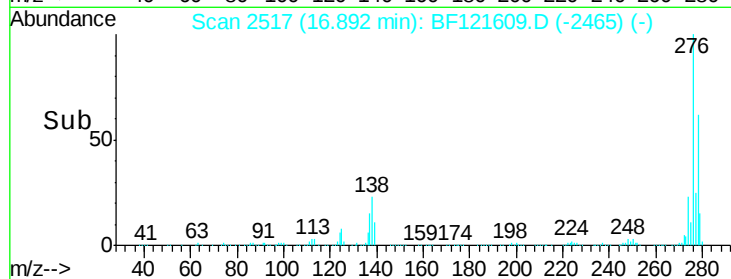
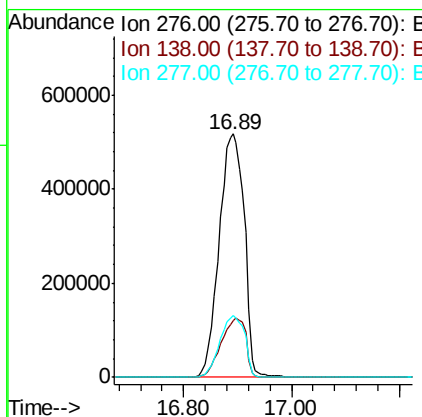
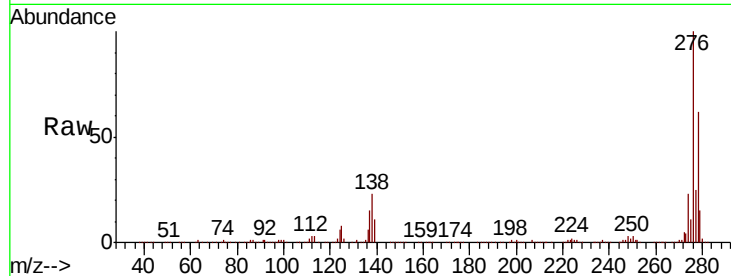
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 43.634 ng
 RT: 16.89 min Scan# 2517
 Delta R.T. 0.01 min
 Lab File: BF121609.D
 Acq: 18 Sep 2020 10:32

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
276	100		
138	24.2	20.6	31.0
277	25.3	20.2	30.4

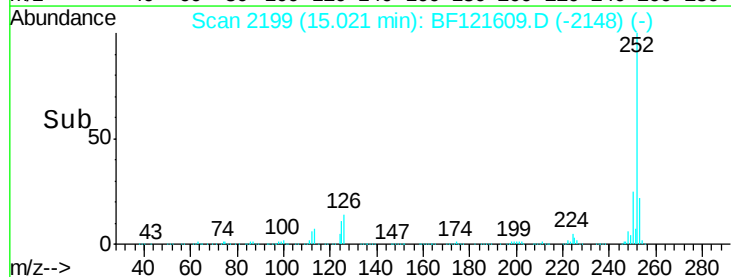
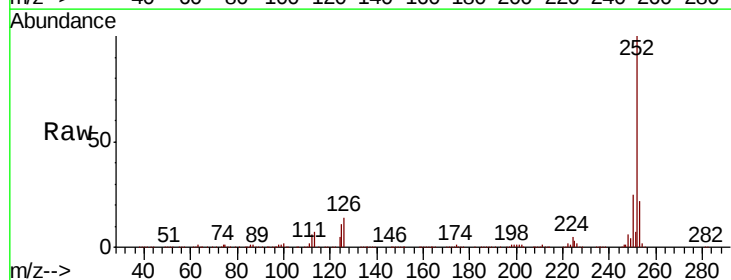
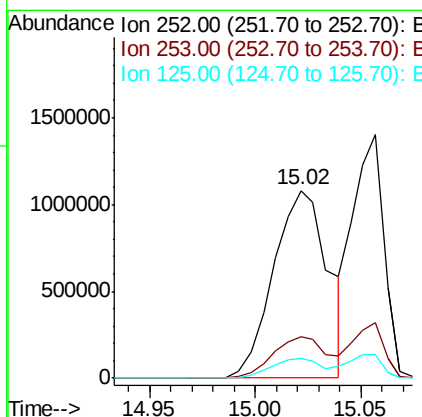
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#88
 Benzo(b)fluoranthene
 Concen: 48.831 ng
 RT: 15.02 min Scan# 2199
 Delta R.T. 0.00 min
 Lab File: BF121609.D
 Acq: 18 Sep 2020 10:32

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.9	26.9
125	10.6	9.2	13.8





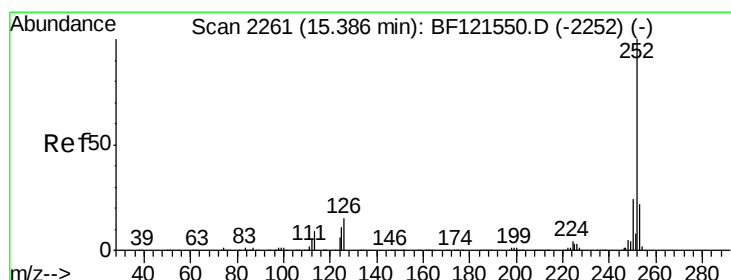
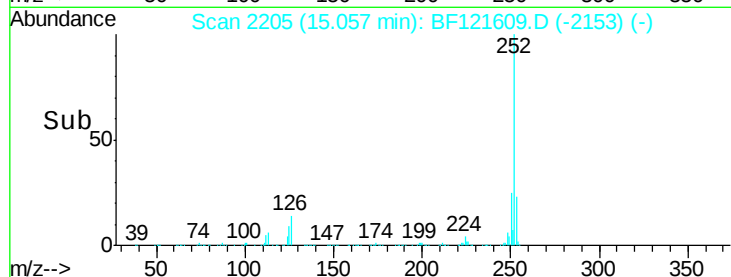
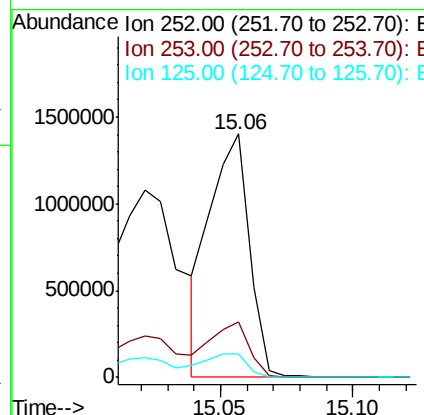
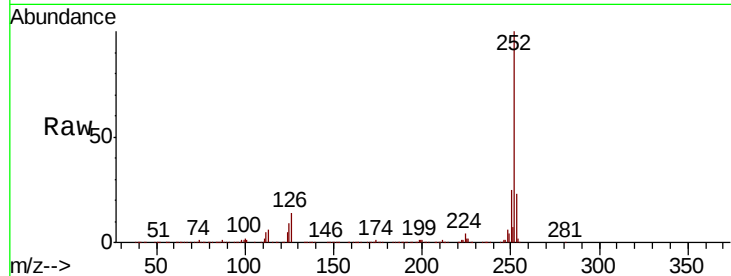
#89
Benzo(k)fluoranthene
Concen: 39.794 ng m
RT: 15.06 min Scan# 2205
Delta R.T. 0.01 min
Lab File: BF121609.D
Acq: 18 Sep 2020 10:32

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Lower	Upper
252	100			
253	22.6	17.8	26.8	
125	9.5	9.8	14.6	

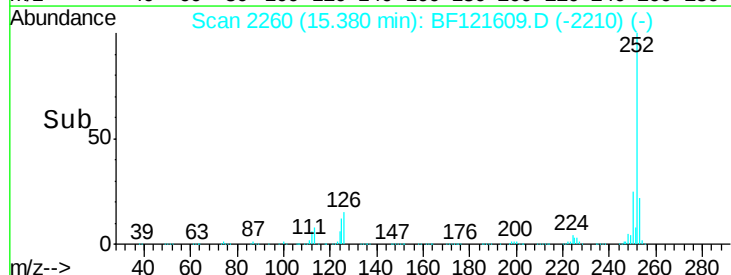
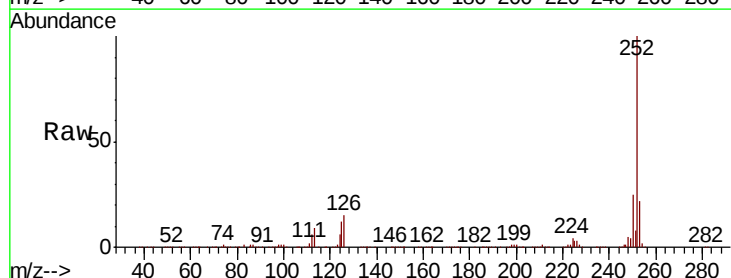
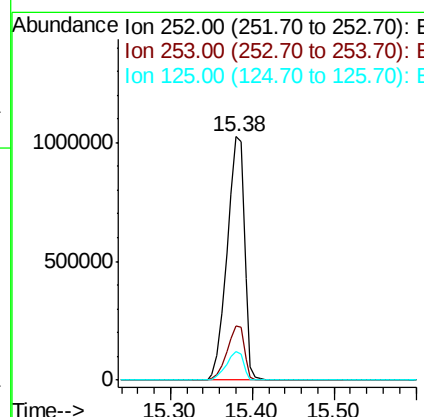
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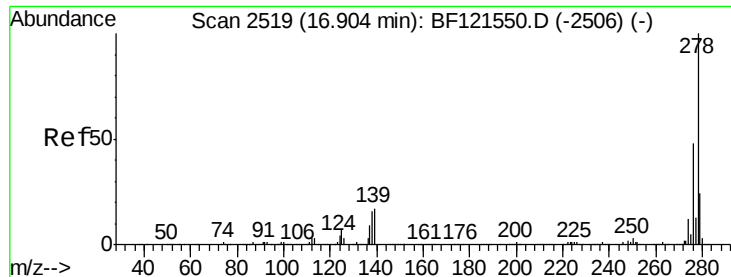
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#90
Benzo(a)pyrene
Concen: 44.869 ng
RT: 15.38 min Scan# 2260
Delta R.T. -0.01 min
Lab File: BF121609.D
Acq: 18 Sep 2020 10:32

Tgt Ion	Ion	Ratio	Lower	Upper
252	100			
253	22.3	17.5	26.3	
125	11.9	9.0	13.4	





#91

Dibenzo(a,h)anthracene

Concen: 42.884 ng

RT: 16.91 min Scan# 2520

Delta R.T. 0.01 min

Lab File: BF121609.D

Acq: 18 Sep 2020 10:32

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:278 Resp: 1384224

Ion Ratio Lower Upper

278 100

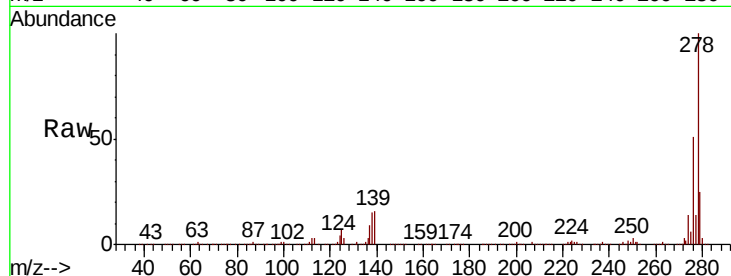
139 15.5 13.9 20.9

279 24.7 19.2 28.8

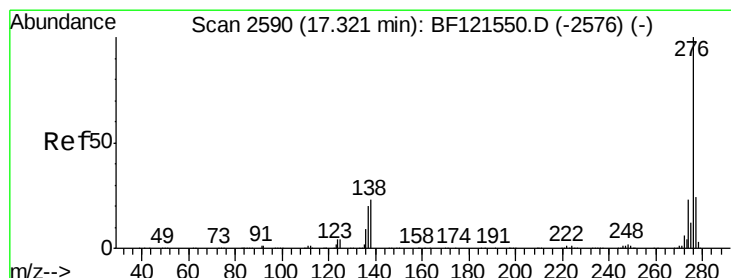
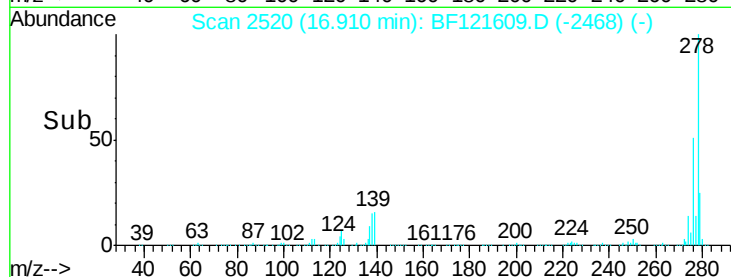
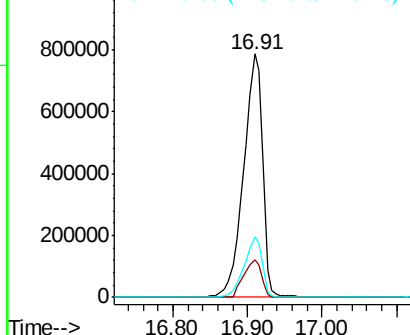
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Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 43.380 ng

RT: 17.33 min Scan# 2591

Delta R.T. 0.01 min

Lab File: BF121609.D

Acq: 18 Sep 2020 10:32

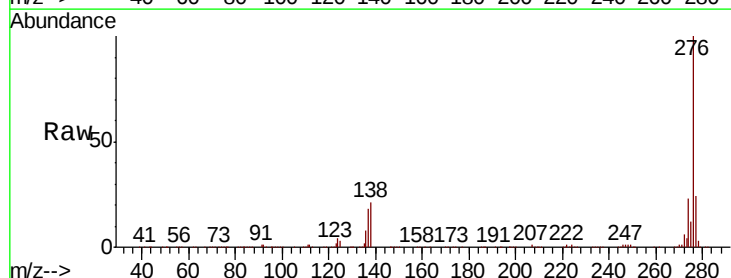
Tgt Ion:276 Resp: 1376411

Ion Ratio Lower Upper

276 100

277 23.8 19.4 29.0

138 20.7 18.7 28.1



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 277.00 (276.70 to 277.70): E
Ion 138.00 (137.70 to 138.70): E

