

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062620\
 Data File : BF120711.D
 Acq On : 26 Jun 2020 16:19
 Operator : JU/CG
 Sample : L2811-04MSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NB-08-061620MSD

Manual Integrations
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mohammad
 6/29/2020 3:18:31 PM

Quant Time: Jun 26 17:09:39 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 11 11:28:22 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	145752	20.00	ng	-0.01
21) Naphthalene-d8	8.07	136	544122	20.00	ng	-0.01
39) Acenaphthene-d10	9.83	164	144024	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	289183	20.00	ng	0.00
76) Chrysene-d12	13.96	240	407004	20.00	ng	0.00
86) Perylene-d12	15.40	264	449206	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	904684	106.42	ng	0.01
7) Phenol-d6	6.44	99	1171663	110.65	ng	0.00
23) Nitrobenzene-d5	7.36	82	954236	98.03	ng	0.00
42) 2,4,6-Tribromophenol	10.63	330	258450	154.35	ng	0.00
45) 2-Fluorobiphenyl	9.16	172	1006746	106.95	ng	0.00
79) Terphenyl-d14	12.90	244	1205502	65.42	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.63	88	151463	37.591	ng	# 84
3) Pyridine	3.36	79	322933	28.510	ng	100
4) n-Nitrosodimethylamine	3.28	42	183812	39.103	ng	96
6) Aniline	6.46	93	343528	25.351	ng	# 57
8) 2-Chlorophenol	6.58	128	416161	43.319	ng	100
9) Benzaldehyde	6.35	77	86860	12.969	ng	100
10) Phenol	6.45	94	454066	40.193	ng	93
11) bis(2-Chloroethyl)ether	6.53	93	406389	43.187	ng	98
12) 1,3-Dichlorobenzene	6.73	146	487604	47.743	ng	96
13) 1,4-Dichlorobenzene	6.81	146	516928	51.299	ng	99
14) 1,2-Dichlorobenzene	6.97	146	472067	48.092	ng	99
15) Benzyl Alcohol	6.94	79	375146	49.960	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.07	45	644355	47.557	ng	96
17) 2-Methylphenol	7.06	107	383868	46.849	ng	98
18) Hexachloroethane	7.30	117	191093	51.465	ng	96
19) n-Nitroso-di-n-propylamine	7.22	70	312063	50.808	ng	97
20) 3+4-Methylphenols	7.21	107	433010	42.291	ng	92
22) Acetophenone	7.20	105	619266	50.906	ng	# 96
24) Nitrobenzene	7.38	77	498165	48.903	ng	98
25) Isophorone	7.62	82	898712	47.395	ng	99
26) 2-Nitrophenol	7.69	139	271636	50.404	ng	98
27) 2,4-Dimethylphenol	7.73	122	399774	50.381	ng	98
28) bis(2-Chloroethoxy)methane	7.83	93	571652	52.007	ng	99
29) 2,4-Dichlorophenol	7.94	162	407971	50.580	ng	99
30) 1,2,4-Trichlorobenzene	8.02	180	441007	49.337	ng	99
31) Naphthalene	8.10	128	1335770	49.995	ng	99
32) Benzoic acid	7.86	122	131276	21.563	ng	97
33) 4-Chloroaniline	8.15	127	278609	22.719	ng	99
34) Hexachlorobutadiene	8.22	225	232096	44.545	ng	99
35) Caprolactam	8.53	113	86027m	33.347	ng	
36) 4-Chloro-3-methylphenol	8.64	107	231201	28.691	ng	97
37) 2-Methylnaphthalene	8.79	142	489203	28.048	ng	99
38) 1-Methylnaphthalene	8.89	142	463464	28.239	ng	98
40) 1,2,4,5-Tetrachlorobenzene	8.96	216	234524	54.535	ng	99

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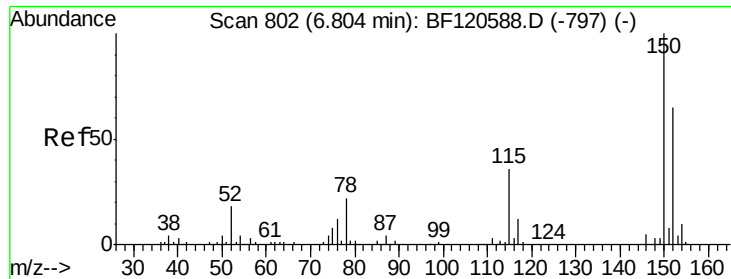
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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061020.M
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.94	237	219097	90.917	nq	99
43) 2,4,6-Trichlorophenol	9.07	196	159482	52.280	nq	98
44) 2,4,5-Trichlorophenol	9.12	196	170365	49.225	nq	95
46) 1,1'-Biphenyl	9.26	154	598269	55.630	nq	98
47) 2-Chloronaphthalene	9.28	162	465196	52.898	nq	98
48) 2-Nitroaniline	9.38	65	137970	49.953	nq	97
49) Acenaphthylene	9.70	152	721541	53.163	nq	98
50) Dimethylphthalate	9.56	163	553633	53.374	nq	99
51) 2,6-Dinitrotoluene	9.62	165	123882	52.699	nq	99
52) Acenaphthene	9.87	154	431693	53.331	nq	100
53) 3-Nitroaniline	9.79	138	83785	29.675	nq	92
54) 2,4-Dinitrophenol	9.90	184	80858	59.451	nq	95
55) Dibenzofuran	10.04	168	651676	52.506	nq	96
56) 4-Nitrophenol	9.97	139	158446	74.511	nq	94
57) 2,4-Dinitrotoluene	10.03	165	161751	51.855	nq	# 88
58) Fluorene	10.38	166	519744	54.321	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.16	232	142674	52.399	nq	97
60) Diethylphthalate	10.26	149	554867	54.314	nq	99
61) 4-Chlorophenyl-phenylether	10.37	204	255313	51.672	nq	98
62) 4-Nitroaniline	10.41	138	125175	44.657	nq	97
63) Azobenzene	10.53	77	489635	52.800	nq	98
65) 4,6-Dinitro-2-methylphenol	10.44	198	74082	42.693	nq	93
66) n-Nitrosodiphenylamine	10.49	169	469784	52.900	nq	99
67) 4-Bromophenyl-phenylether	10.86	248	167928	51.167	nq	95
68) Hexachlorobenzene	10.93	284	185757	52.642	nq	97
69) Atrazine	11.02	200	138218	50.296	nq	97
70) Pentachlorophenol	11.13	266	184622	94.109	nq	99
71) Phenanthrene	11.34	178	775101	53.919	nq	99
72) Anthracene	11.40	178	799903	55.204	nq	99
73) Carbazole	11.55	167	734606	51.215	nq	100
74) Di-n-butylphthalate	11.88	149	877278	54.403	nq	99
75) Fluoranthene	12.53	202	859929	52.321	nq	97
77) Benzidine	12.65	184	229104	16.644	nq	99
78) Pyrene	12.76	202	873484	30.295	nq	99
80) Butylbenzylphthalate	13.38	149	614458	47.994	nq	97
81) Benzo(a)anthracene	13.95	228	1212946	49.604	nq	100
82) 3,3'-Dichlorobenzidine	13.92	252	342764	36.698	nq	100
83) Chrysene	13.99	228	1225152	48.846	nq	99
84) Bis(2-ethylhexyl)phthalate	13.94	149	820490	52.511	nq	99
85) Di-n-octyl phthalate	14.55	149	1656997	55.567	nq	99
87) Indeno(1,2,3-cd)pyrene	16.84	276	1869522	68.420	nq	100
88) Benzo(b)fluoranthene	14.99	252	1518259	56.740	nq	98
89) Benzo(k)fluoranthene	15.02	252	1209311	51.074	nq	99
90) Benzo(a)pyrene	15.34	252	1222102	51.032	nq	99
91) Dibenzo(a,h)anthracene	16.86	278	1482750	67.670	nq	99
92) Benzo(g,h,i)perylene	17.28	276	1572471	71.198	nq	99

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



#1

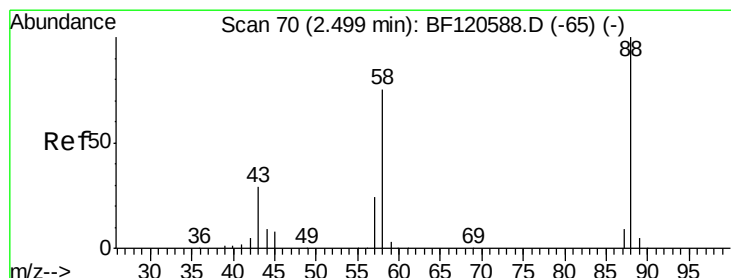
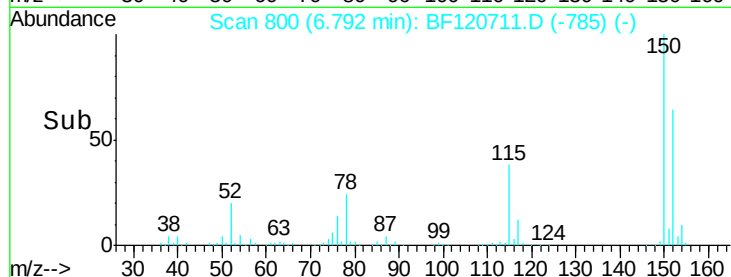
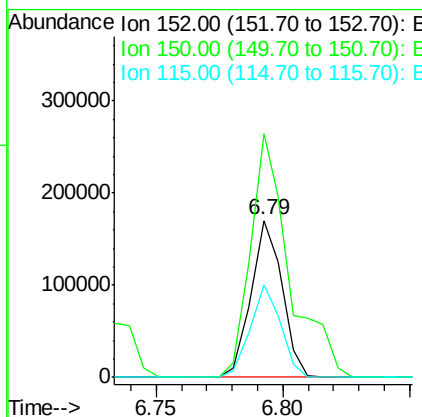
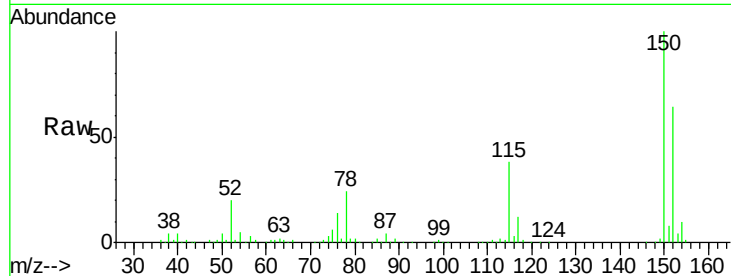
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. -0.01 min
Lab File: BF120711.D
Acq: 26 Jun 2020 16:19

Instrument :
BNA_F
ClientSampleId :
NB-08-061620MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.5	123.2	184.8
115	59.1	43.9	65.9

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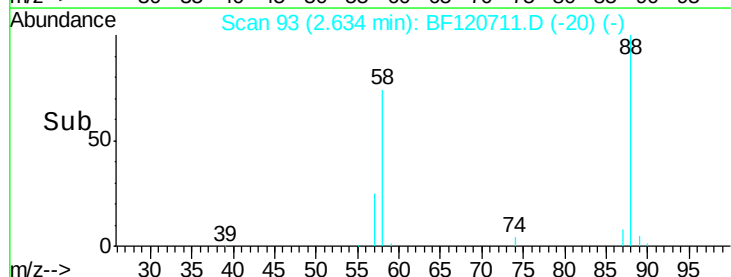
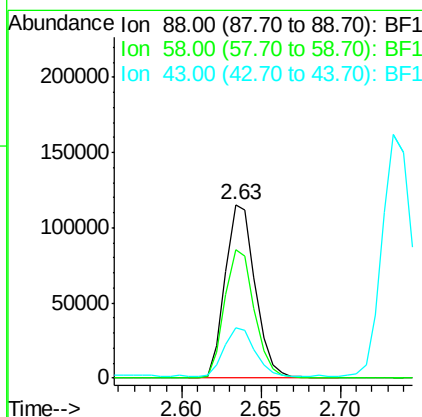
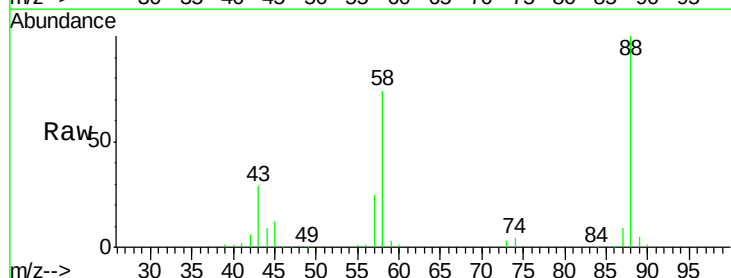
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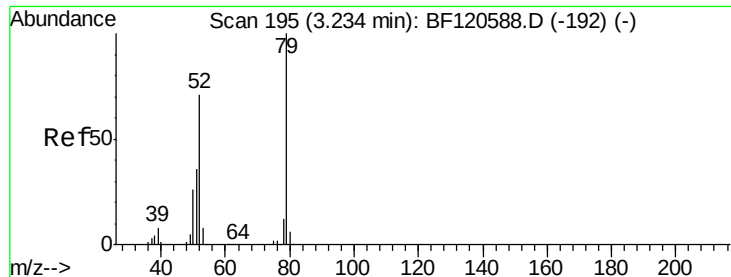


#2

1,4-Dioxane
Concen: 37.591 ng
RT: 2.63 min Scan# 93
Delta R.T. 0.13 min
Lab File: BF120711.D
Acq: 26 Jun 2020 16:19

Tgt Ion	Ratio	Lower	Upper
88	100		
58	73.7	59.6	89.4
43	0.0	23.1	34.7





#3

Pvridine

Concen: 28.510 ng

RT: 3.36 min Scan# 216

Delta R.T. 0.12 min

Lab File: BF120711.D

Acq: 26 Jun 2020 16:19

Instrument :

BNA_F

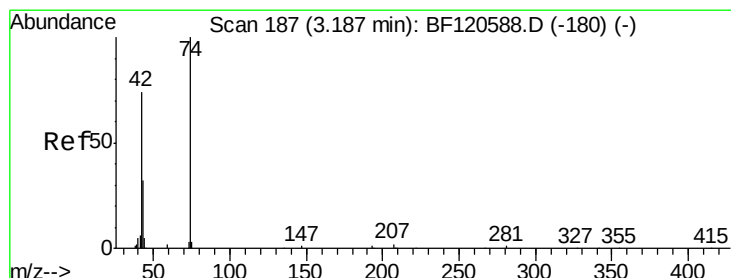
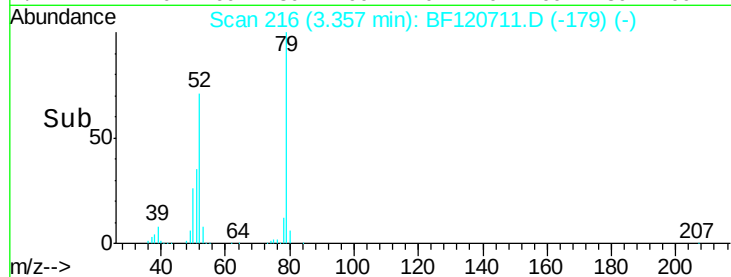
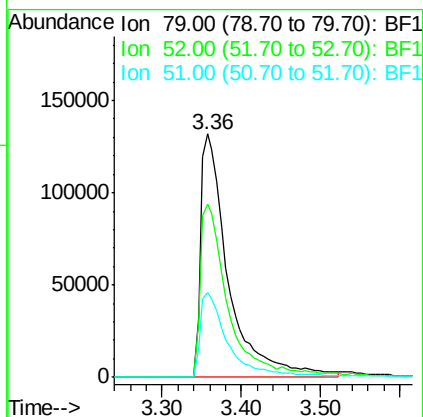
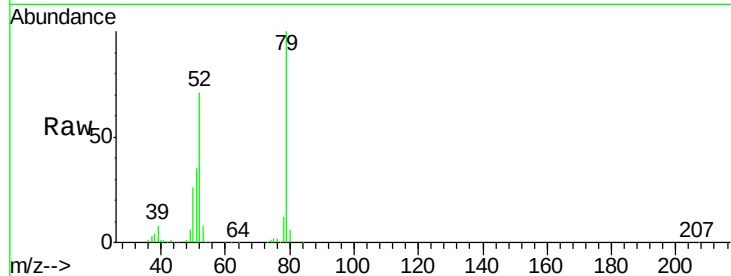
ClientSampleId :

NB-08-061620MSD

Tot Ion:	79	Resp:	322933
Ion Ratio	Lower	Upper	
79	100		
52	71.3	57.0	85.6
51	35.0	28.5	42.7

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#4

n-Nitrosodimethylamine

Concen: 39.103 ng

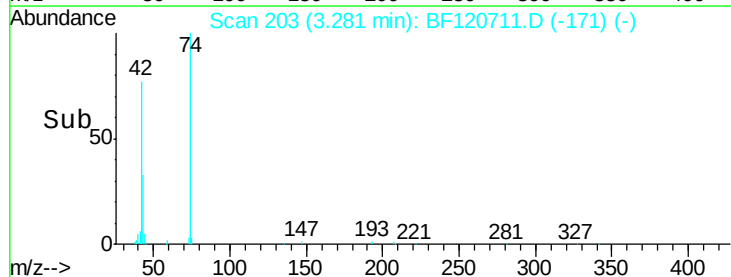
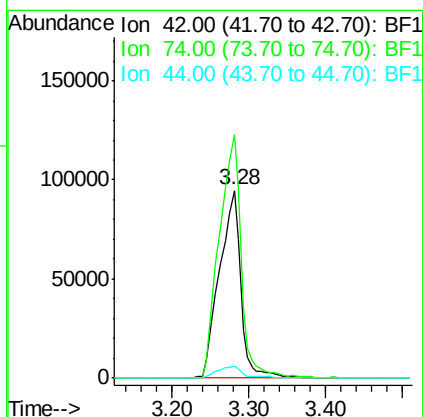
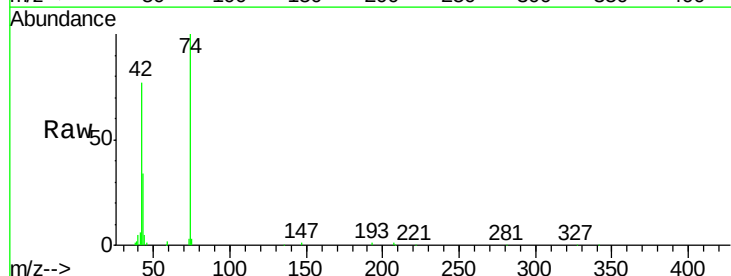
RT: 3.28 min Scan# 203

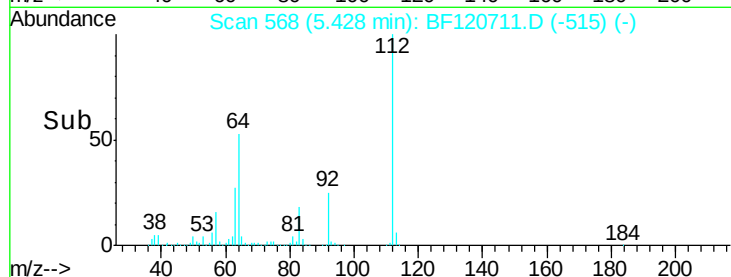
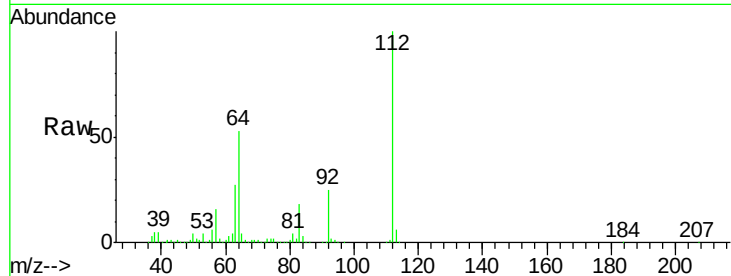
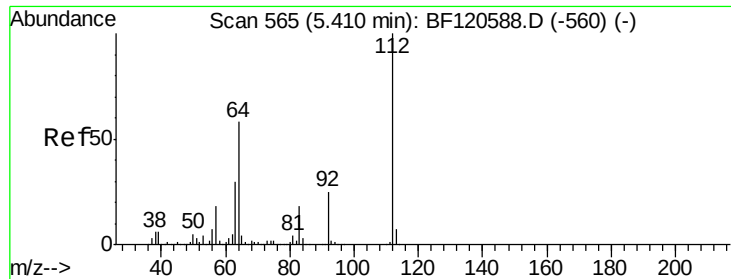
Delta R.T. 0.09 min

Lab File: BF120711.D

Acq: 26 Jun 2020 16:19

Tgt Ion:	42	Resp:	183812
Ion Ratio	Lower	Upper	
42	100		
74	129.7	107.8	161.6
44	6.4	5.1	7.7





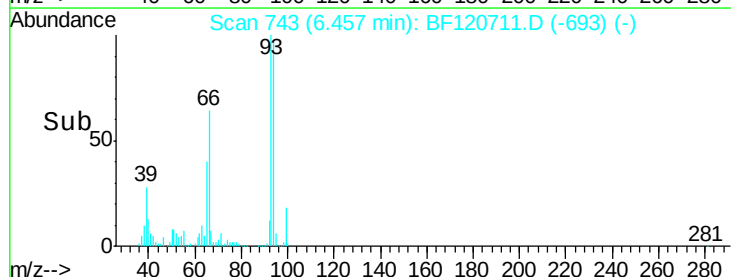
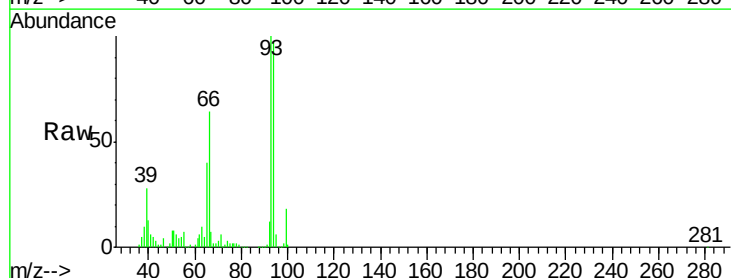
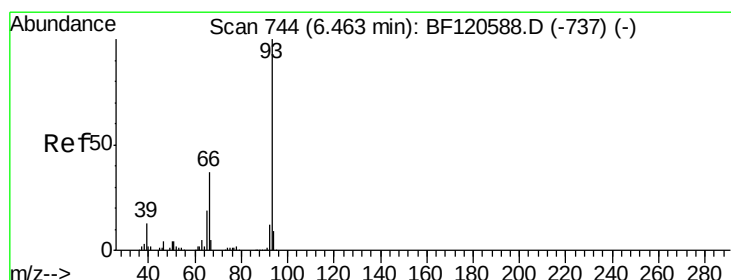
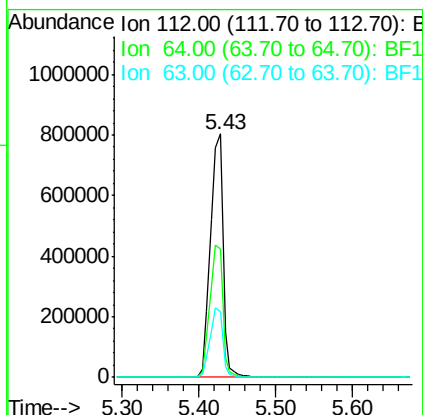
#5
2-Fluorophenol
Concen: 106.416 ng
RT: 5.43 min Scan# 568
Delta R.T. 0.01 min
Lab File: BF120711.D
Acq: 26 Jun 2020 16:19

Tot Ion	Ratio	Resp	Lower	Upper
112	100	904684		
64	52.8		46.1	69.1
63	27.2		23.7	35.5

Instrument :
BNA_F
ClientSampleId :
NB-08-061620MSD

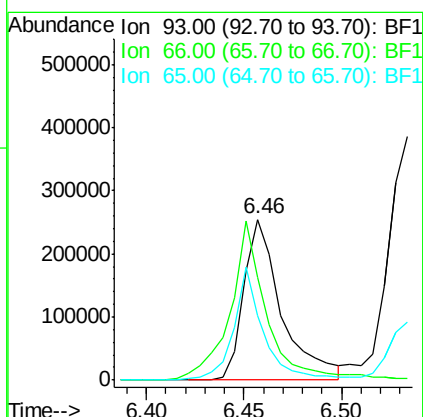
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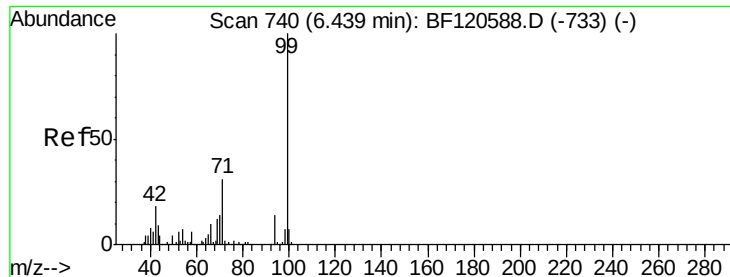
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#6
Aniline
Concen: 25.351 ng
RT: 6.46 min Scan# 743
Delta R.T. -0.01 min
Lab File: BF120711.D
Acq: 26 Jun 2020 16:19

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	343528		
66	64.0		30.9	46.3#
65	40.4		15.9	23.9#





#7

Phenol-d6

Concen: 110.655 ng

RT: 6.44 min Scan# 740

Delta R.T. 0.00 min

Lab File: BF120711.D

Acq: 26 Jun 2020 16:19

Instrument :

BNA_F

ClientSampleId :

NB-08-061620MSD

Tot Ion: 99 Resp: 1171663

Ion Ratio Lower Upper

99 100

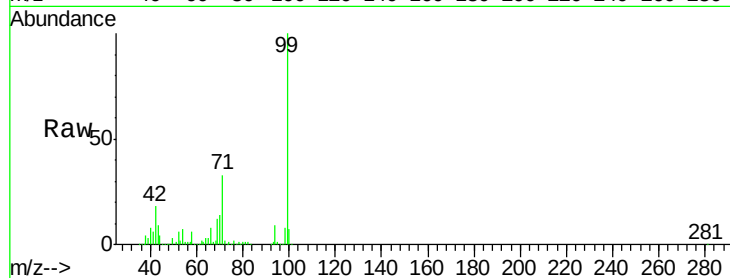
42 17.9 14.0 21.0

71 32.6 24.9 37.3

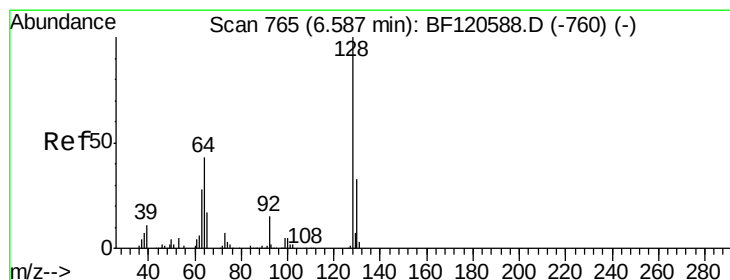
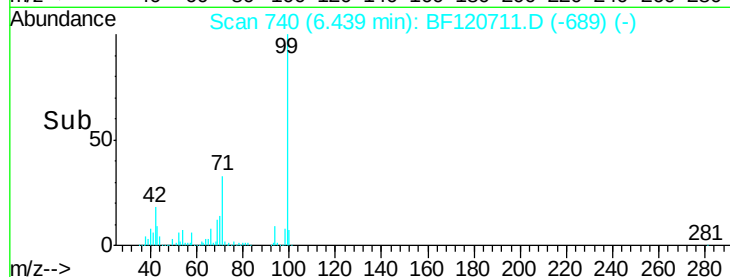
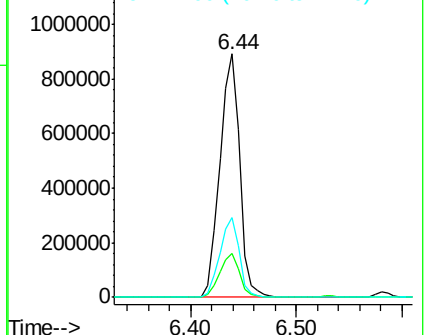
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Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 43.319 ng

RT: 6.58 min Scan# 764

Delta R.T. -0.01 min

Lab File: BF120711.D

Acq: 26 Jun 2020 16:19

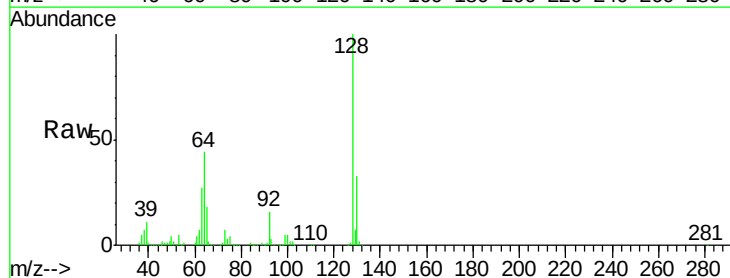
Tgt Ion: 128 Resp: 416161

Ion Ratio Lower Upper

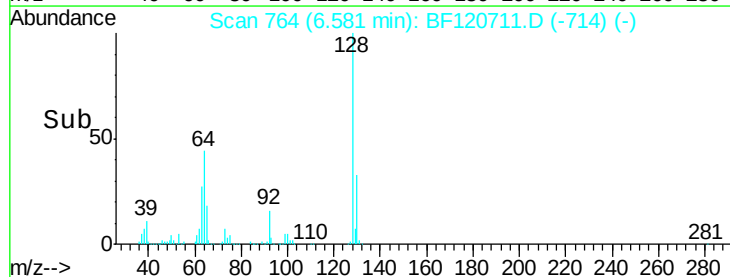
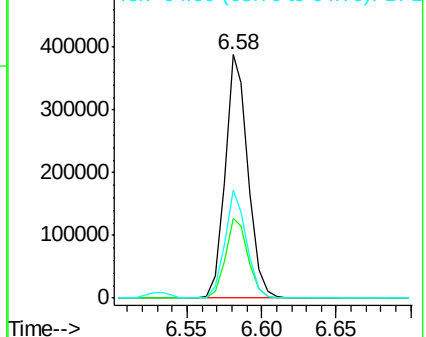
128 100

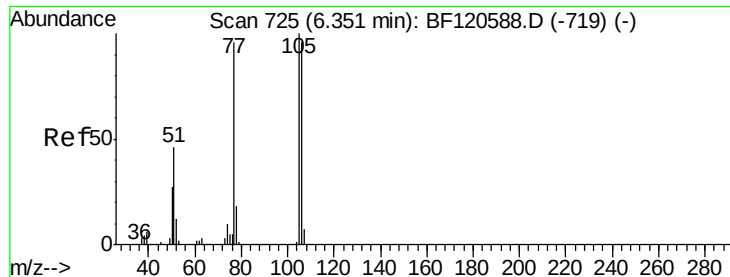
130 32.8 12.6 52.6

64 44.3 24.3 64.3



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 12.969 ng

RT: 6.35 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF120711.D

Acq: 26 Jun 2020 16:19

Instrument :

BNA_F

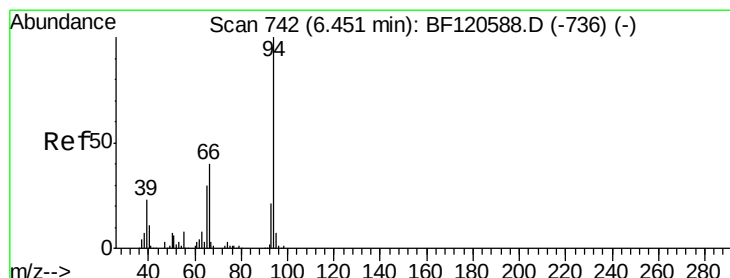
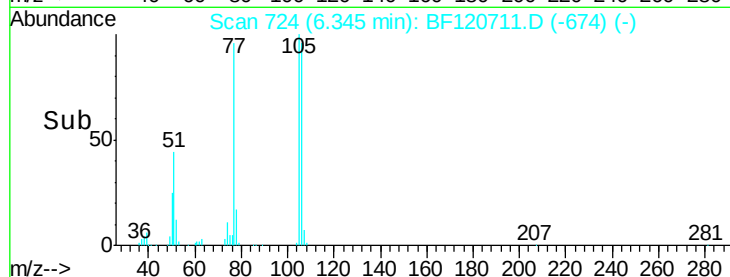
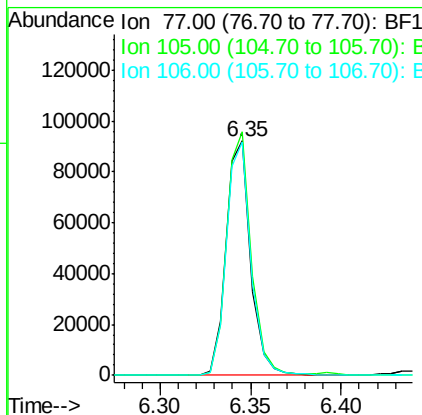
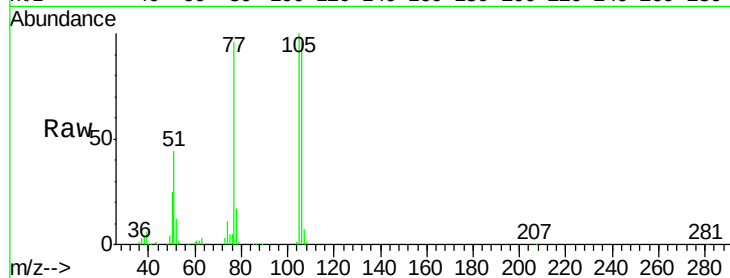
ClientSampleId :

NB-08-061620MSD

Tot Ion:	77	Resp:	86860
Ion	Ratio	Lower	Upper
77	100		
105	103.8	83.8	123.8
106	99.4	79.3	119.3

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#10

Phenol

Concen: 40.193 ng

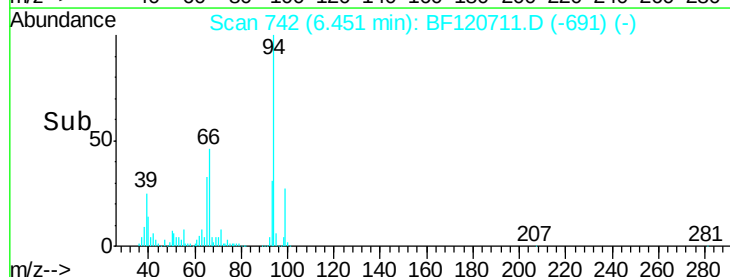
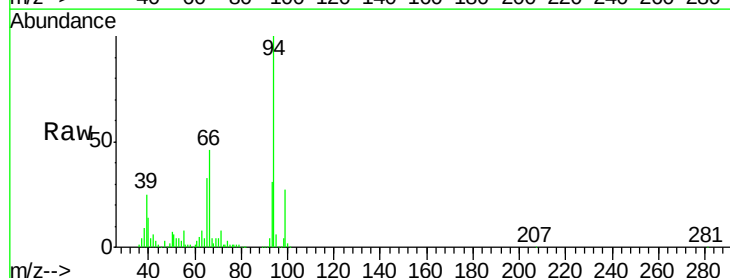
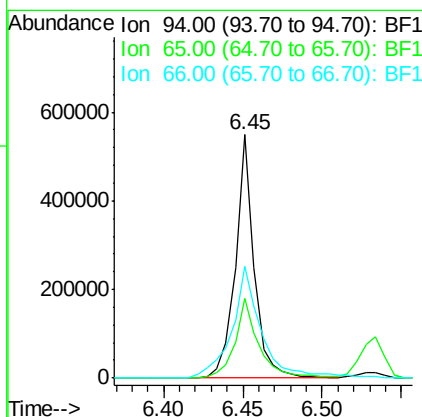
RT: 6.45 min Scan# 742

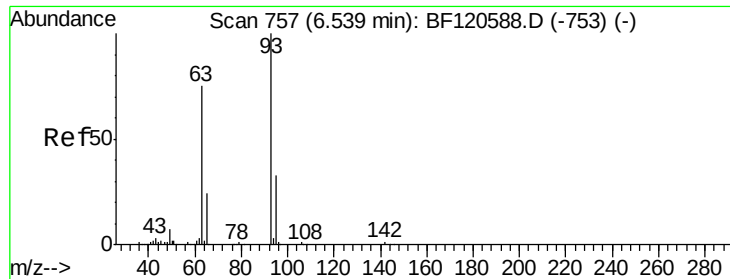
Delta R.T. 0.00 min

Lab File: BF120711.D

Acq: 26 Jun 2020 16:19

Tgt Ion:	94	Resp:	454066
Ion	Ratio	Lower	Upper
94	100		
65	32.6	9.9	49.9
66	45.7	20.1	60.1





#11

bis(2-Chloroethyl)ether

Concen: 43.187 ng

RT: 6.53 min Scan# 756

Delta R.T. -0.01 min

Lab File: BF120711.D

Acq: 26 Jun 2020 16:19

Instrument :

BNA_F

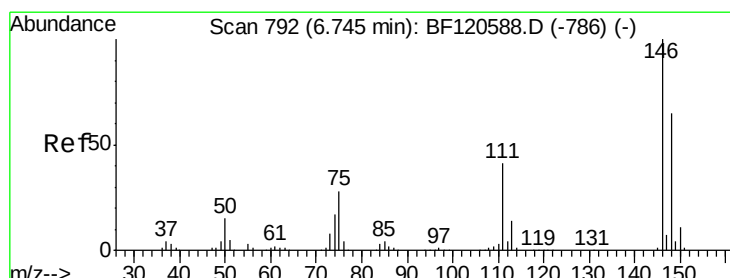
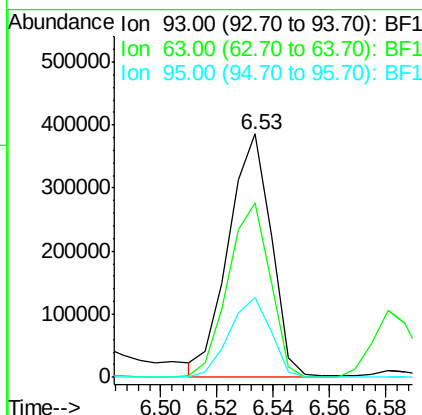
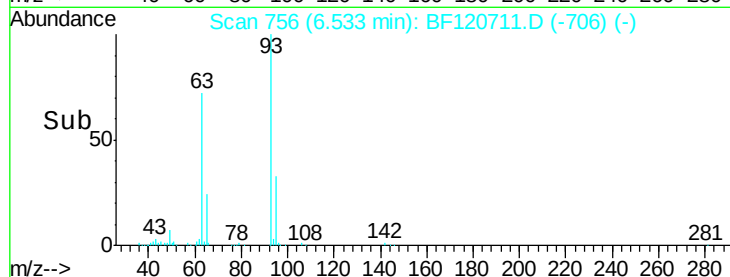
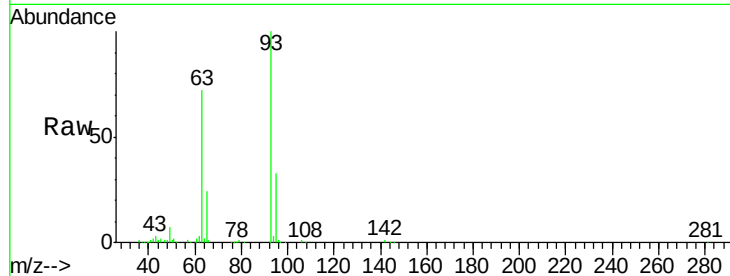
ClientSampleId :

NB-08-061620MSD

Tot Ion:	93	Resp:	406389
Ion	Ratio	Lower	Upper
93	100		
63	71.7	54.4	94.4
95	32.6	12.9	52.9

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#12

1,3-Dichlorobenzene

Concen: 47.743 ng

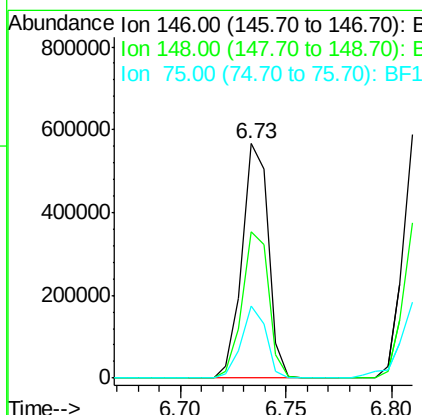
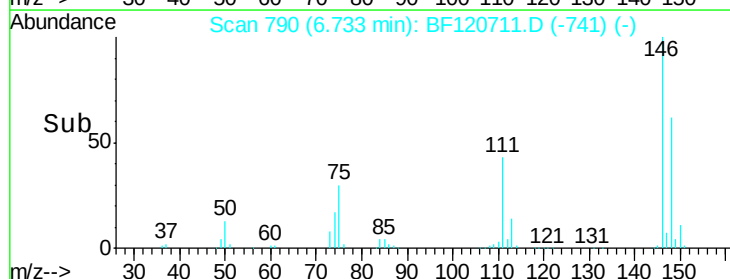
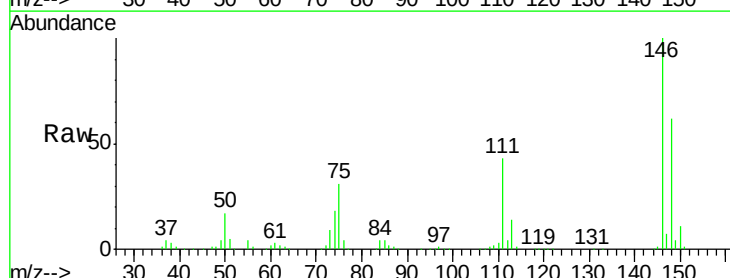
RT: 6.73 min Scan# 790

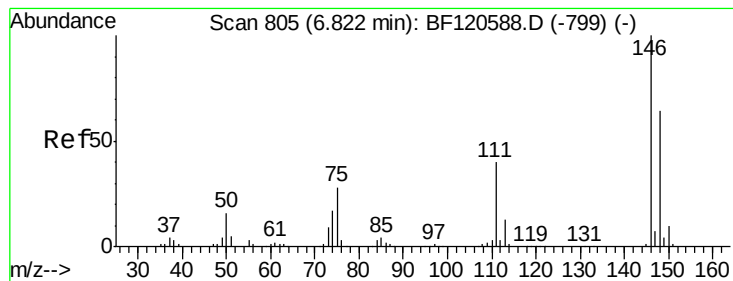
Delta R.T. -0.01 min

Lab File: BF120711.D

Acq: 26 Jun 2020 16:19

Tgt Ion:	146	Resp:	487604
Ion	Ratio	Lower	Upper
146	100		
148	62.3	51.8	77.6
75	31.0	22.2	33.4





#13

1,4-Dichlorobenzene

Concen: 51.299 ng

RT: 6.81 min Scan# 803

Delta R.T. -0.01 min

Lab File: BF120711.D

Acq: 26 Jun 2020 16:19

Instrument :

BNA_F

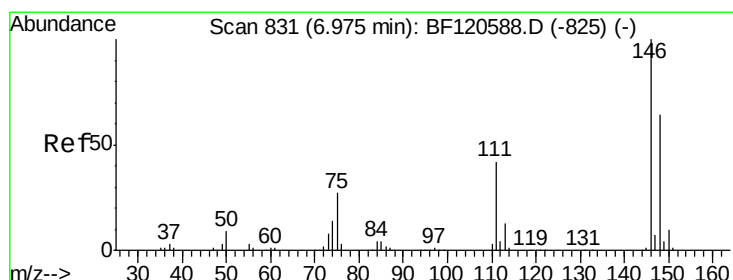
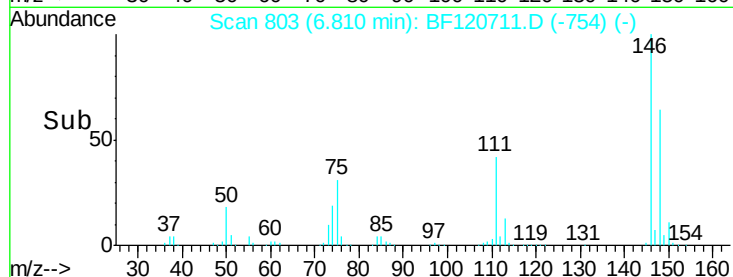
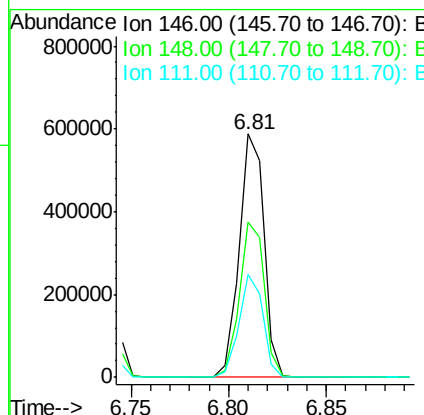
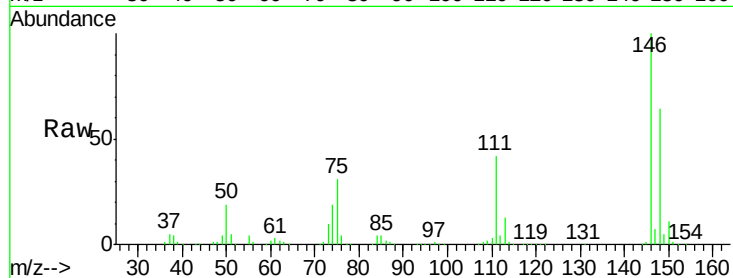
ClientSampleId :

NB-08-061620MSD

Tot Ion:	146	Resp:	516928
Ion Ratio	Lower	Upper	
146	100		
148	64.0	51.5	77.3
111	42.0	32.2	48.4

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#14

1,2-Dichlorobenzene

Concen: 48.092 ng

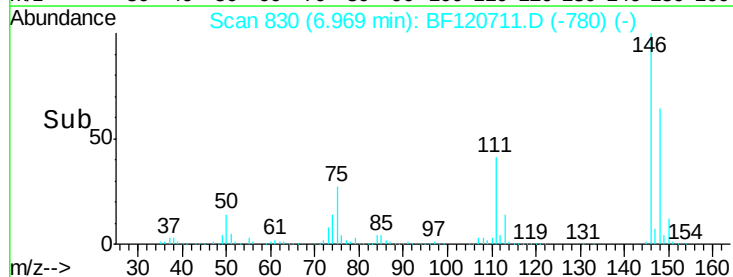
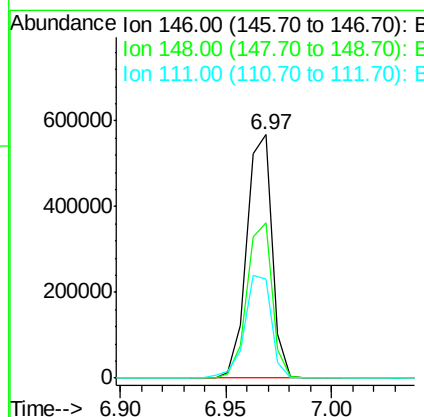
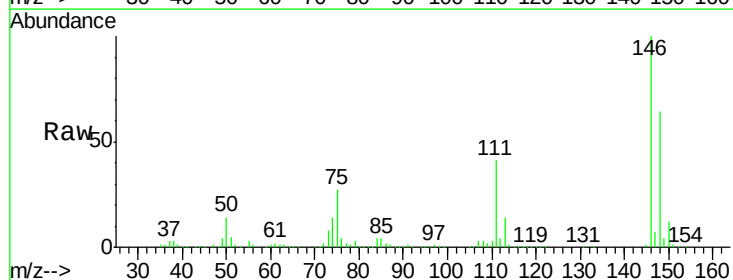
RT: 6.97 min Scan# 830

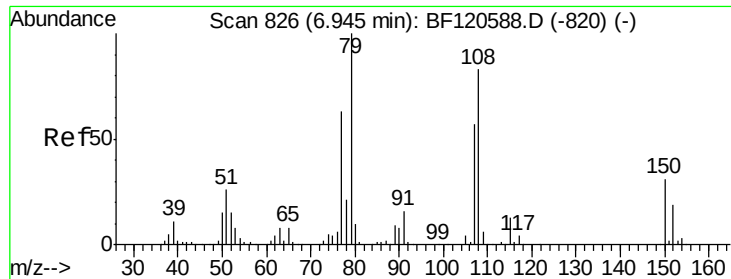
Delta R.T. -0.01 min

Lab File: BF120711.D

Acq: 26 Jun 2020 16:19

Tgt Ion:	146	Resp:	472067
Ion Ratio	Lower	Upper	
146	100		
148	63.9	50.8	76.2
111	40.5	33.6	50.4





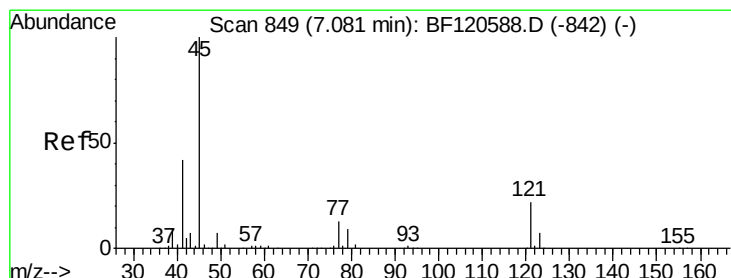
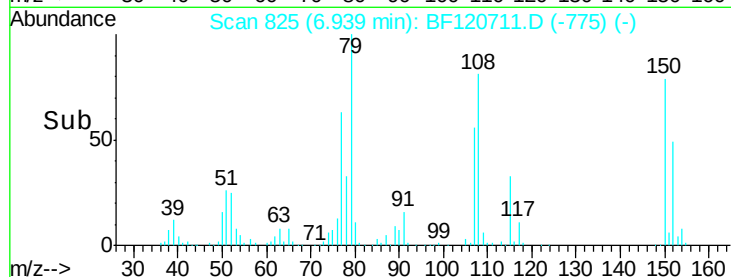
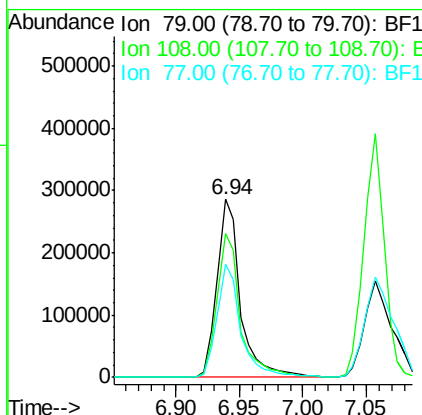
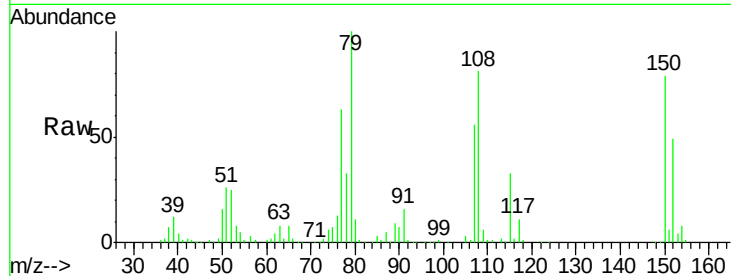
#15
Benzyl Alcohol
Concen: 49.960 ng
RT: 6.94 min Scan# 825
Delta R.T. -0.01 min
Lab File: BF120711.D
Acq: 26 Jun 2020 16:19

Instrument :
BNA_F
ClientSampleId :
NB-08-061620MSD

Tot Ion	Ratio	Resp	Lower	Upper
79	100	375146		
108	81.1	66.8	100.2	
77	63.5	50.6	76.0	

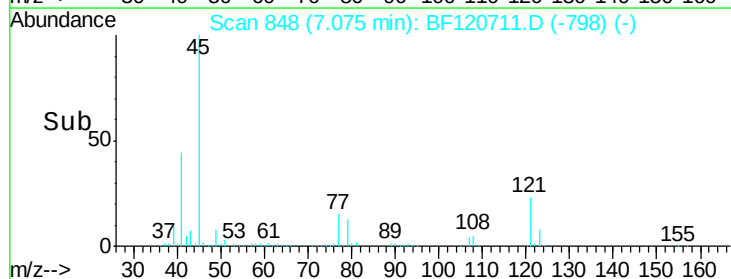
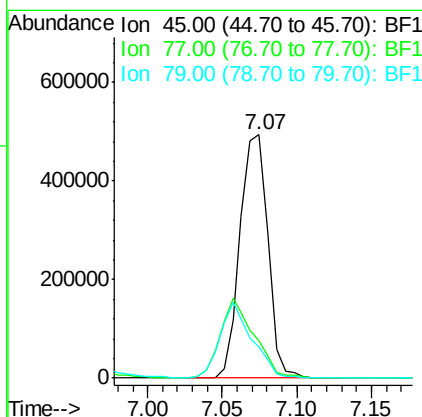
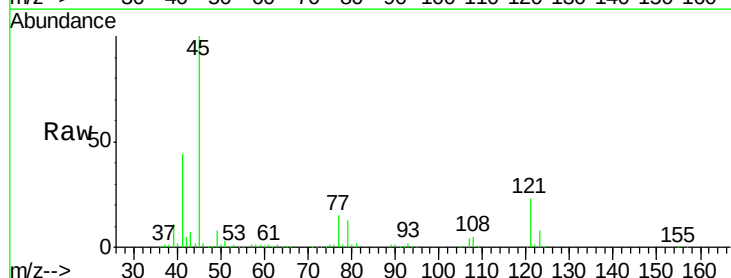
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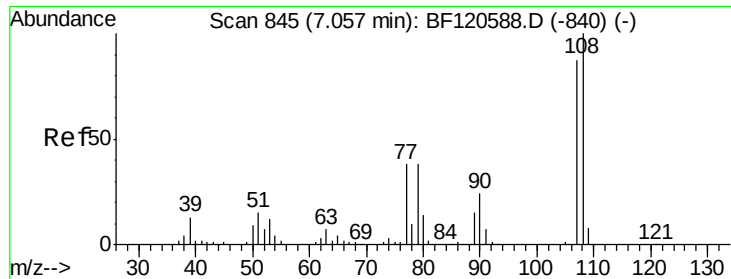
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 47.557 ng
RT: 7.07 min Scan# 848
Delta R.T. -0.01 min
Lab File: BF120711.D
Acq: 26 Jun 2020 16:19

Tgt Ion	Ratio	Resp	Lower	Upper
45	100	644355		
77	15.5	0.0	34.2	
79	13.0	0.0	30.9	





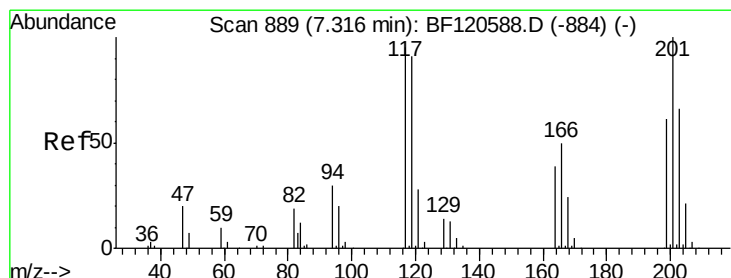
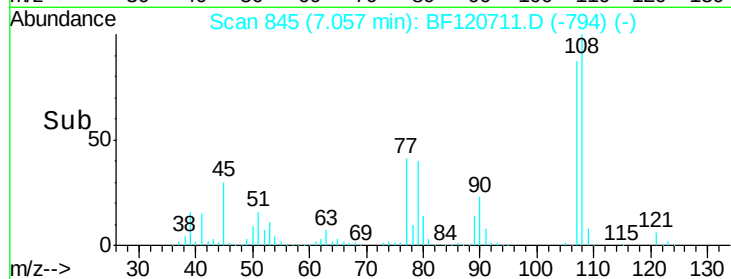
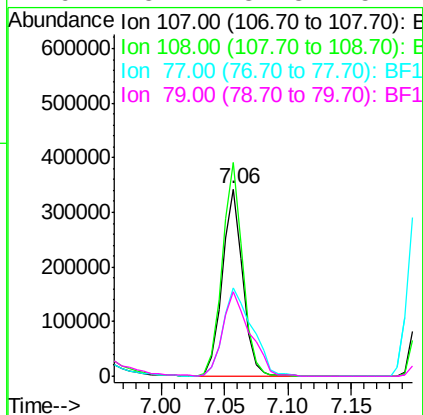
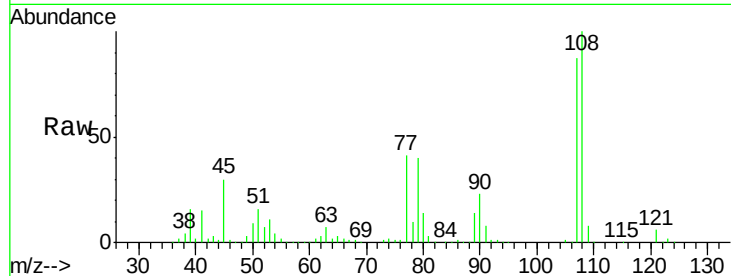
#17
2-Methylphenol
Concen: 46.849 ng
RT: 7.06 min Scan# 845
Delta R.T. 0.00 min
Lab File: BF120711.D
Acq: 26 Jun 2020 16:19

Instrument :
BNA_F
ClientSampleId :
NB-08-061620MSD

Tot Ion	107	Resp	383868
Ion	Ratio	Lower	Upper
107	100		
108	114.3	91.9	137.9
77	47.1	35.4	53.2
79	45.4	34.8	52.2

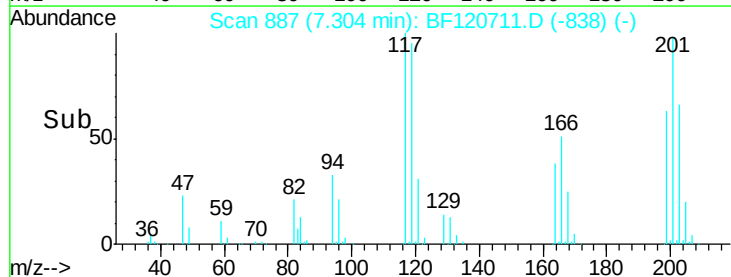
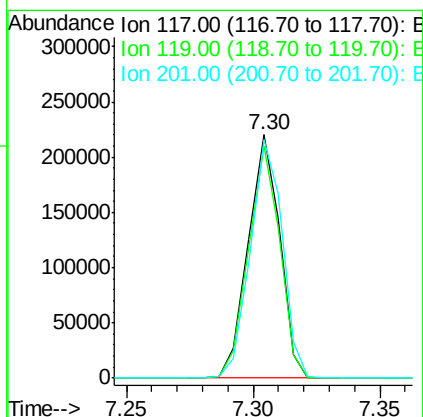
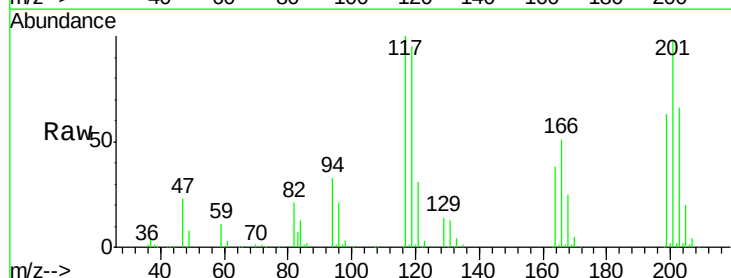
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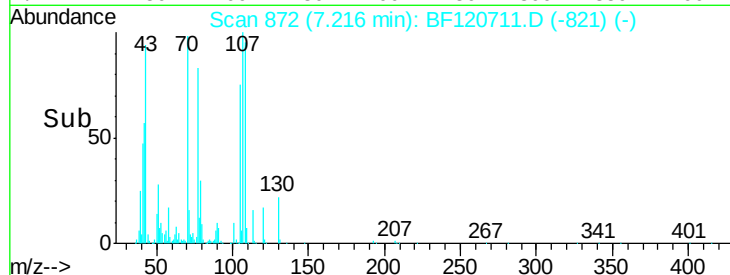
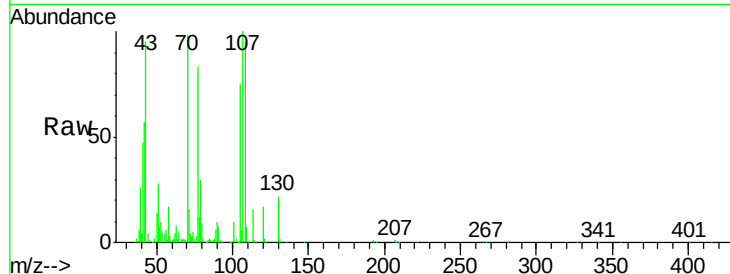
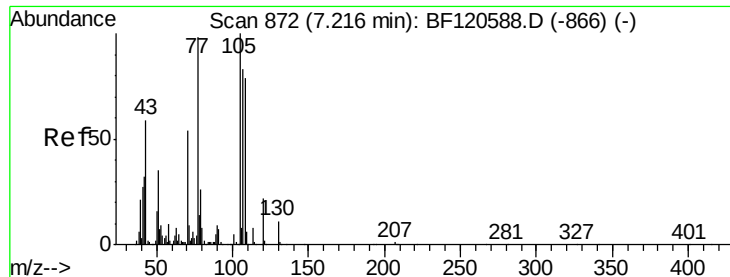
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#18
Hexachloroethane
Concen: 51.465 ng
RT: 7.30 min Scan# 887
Delta R.T. -0.01 min
Lab File: BF120711.D
Acq: 26 Jun 2020 16:19

Tgt Ion	117	Resp	191093
Ion	Ratio	Lower	Upper
117	100		
119	95.4	76.9	115.3
201	97.8	84.6	127.0





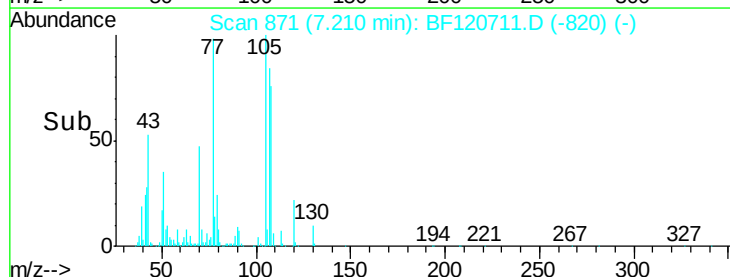
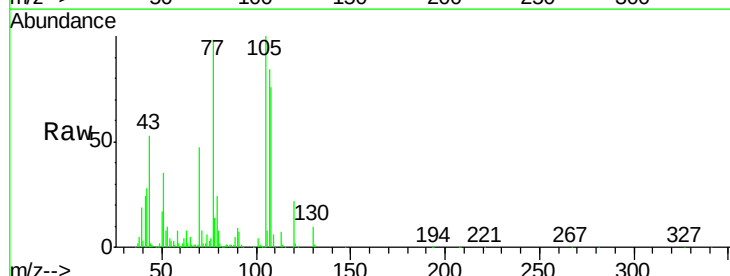
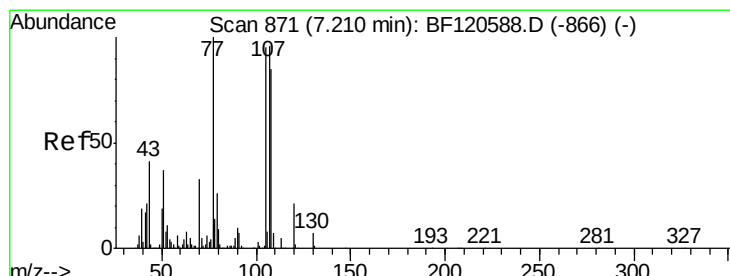
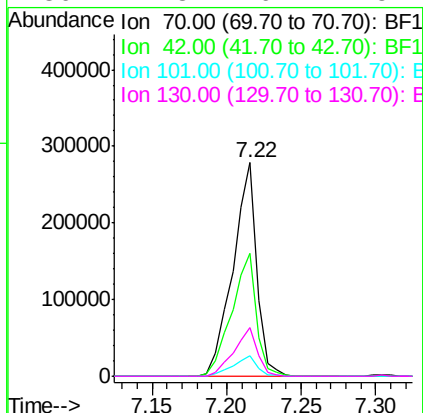
#19
n-Nitroso-di-n-propylamine
Concen: 50.808 ng
RT: 7.22 min Scan# 872
Delta R.T. 0.00 min
Lab File: BF120711.D
Acq: 26 Jun 2020 16:19

Instrument :
BNA_F
ClientSampleId :
NB-08-061620MSD

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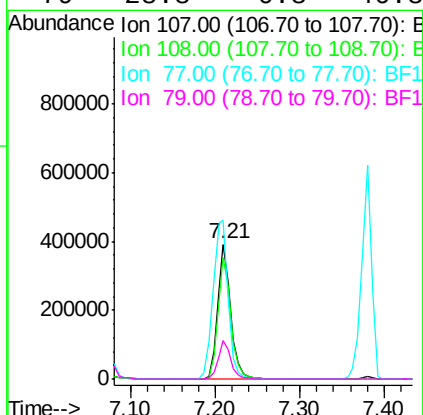
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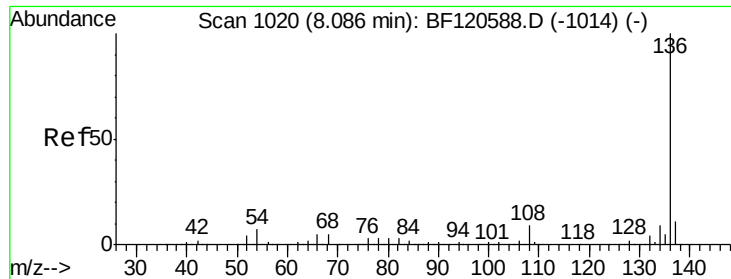
Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	57.7	47.7	71.5	
101	9.7	7.6	11.4	
130	22.8	16.7	25.1	



#20
3+4-Methylphenols
Concen: 42.291 ng
RT: 7.21 min Scan# 871
Delta R.T. 0.00 min
Lab File: BF120711.D
Acq: 26 Jun 2020 16:19

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	90.8	68.7	108.7	
77	117.7	84.2	124.2	
79	28.8	6.8	46.8	





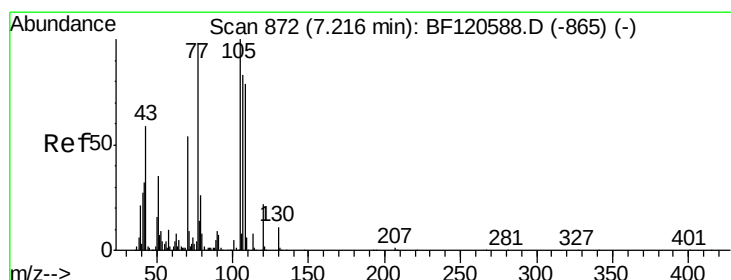
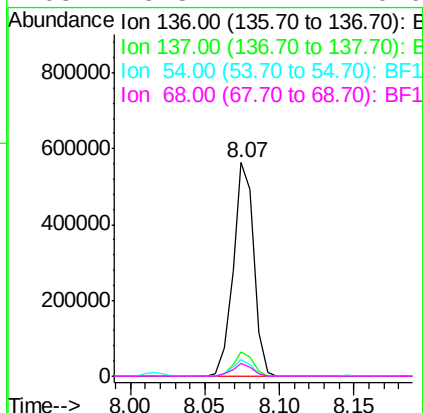
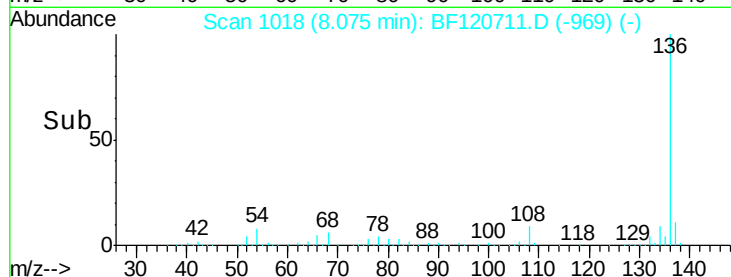
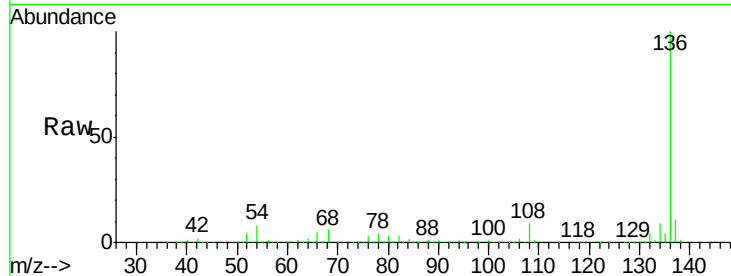
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BF120711.D
Acq: 26 Jun 2020 16:19

Instrument :
BNA_F
ClientSampleId :
NB-08-061620MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		544122		
137	11.1		8.6	13.0	
54	7.6		5.8	8.6	
68	5.8		4.4	6.6	

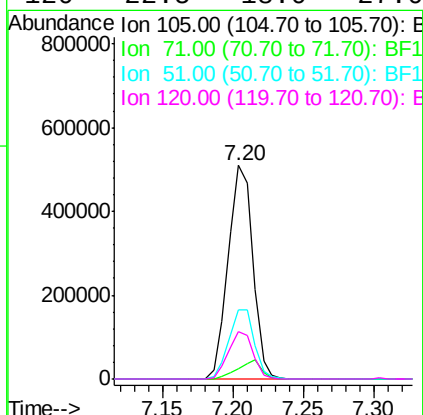
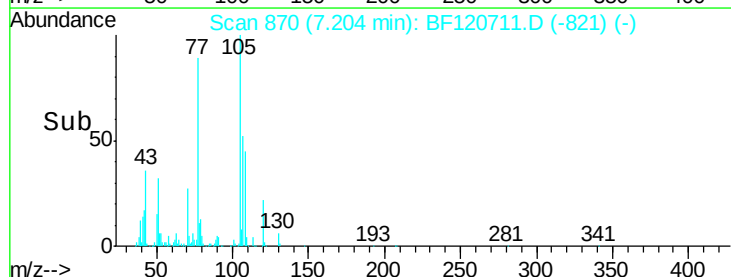
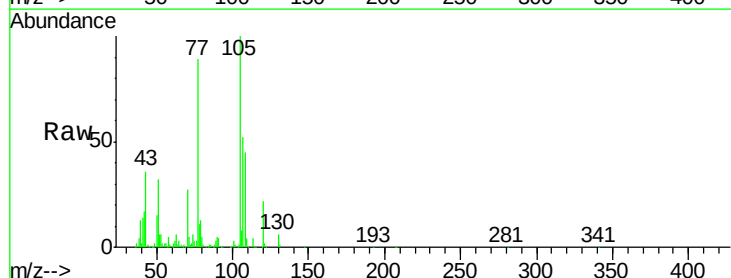
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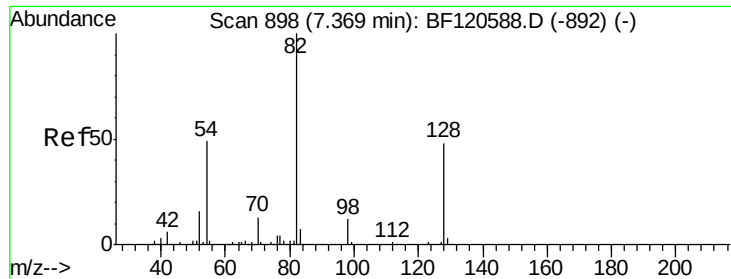
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#22
Acetophenone
Concen: 50.906 ng
RT: 7.20 min Scan# 870
Delta R.T. -0.01 min
Lab File: BF120711.D
Acq: 26 Jun 2020 16:19

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		619266		
71	4.6		7.2	10.8#	
51	32.2		27.8	41.8	
120	22.5		18.0	27.0	





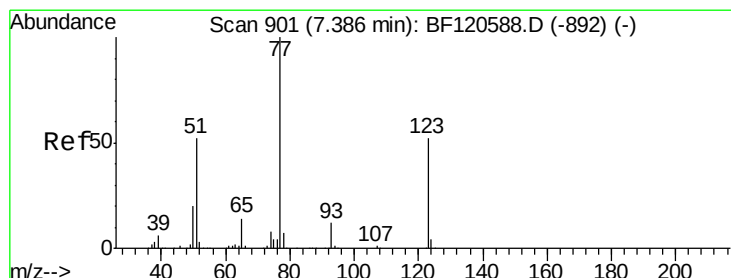
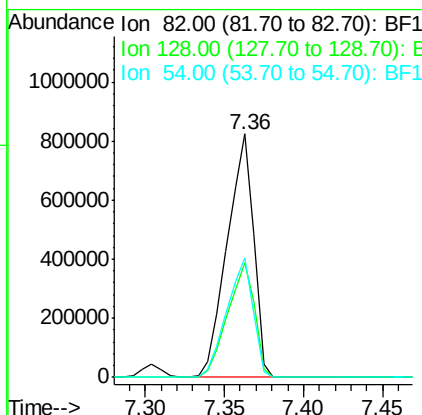
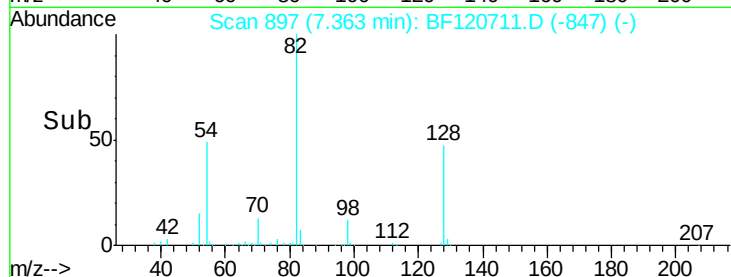
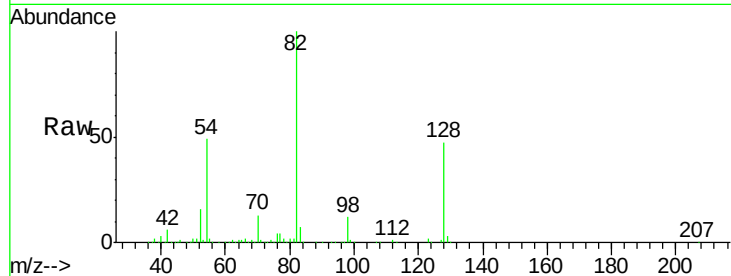
#23
Nitrobenzene-d5
Concen: 98.027 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.01 min
Lab File: BF120711.D
Acq: 26 Jun 2020 16:19

Instrument :
BNA_F
ClientSampleId :
NB-08-061620MSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	46.7	38.0	57.0
54	48.9	38.8	58.2

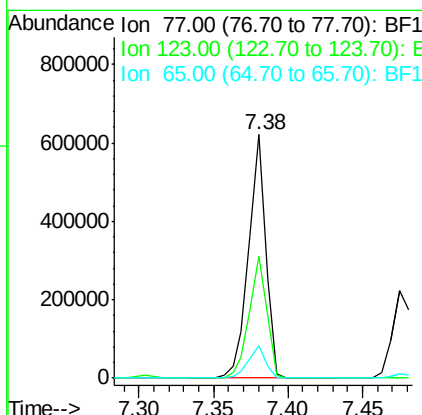
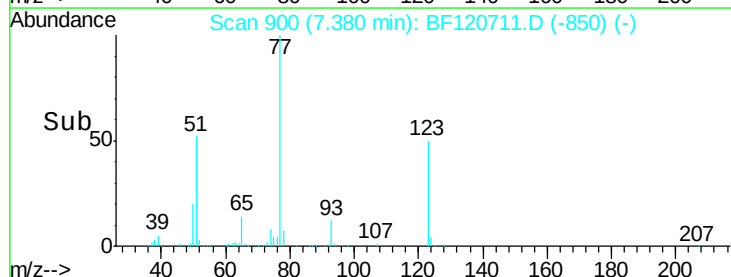
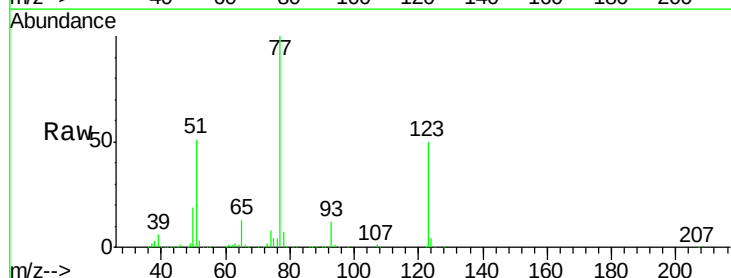
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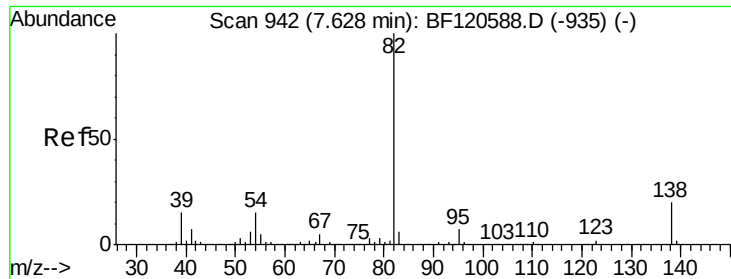
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#24
Nitrobenzene
Concen: 48.903 ng
RT: 7.38 min Scan# 900
Delta R.T. -0.01 min
Lab File: BF120711.D
Acq: 26 Jun 2020 16:19

Tgt Ion	Ratio	Lower	Upper
77	100		
123	50.0	41.4	62.0
65	13.5	11.0	16.4





#25

Isophorone

Concen: 47.395 ng

RT: 7.62 min Scan# 941

Delta R.T. -0.01 min

Lab File: BF120711.D

Acq: 26 Jun 2020 16:19

Instrument :

BNA_F

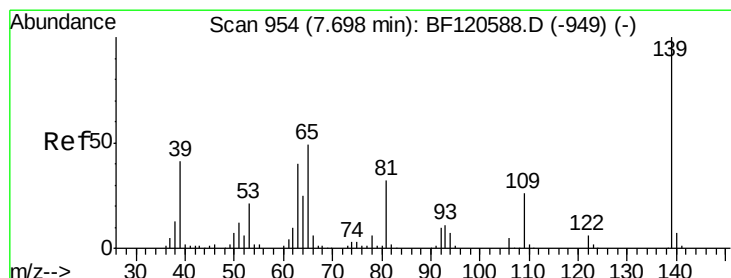
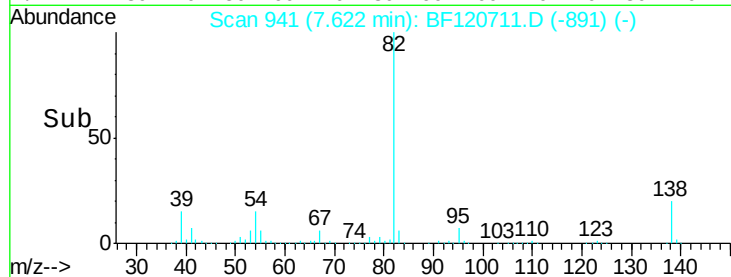
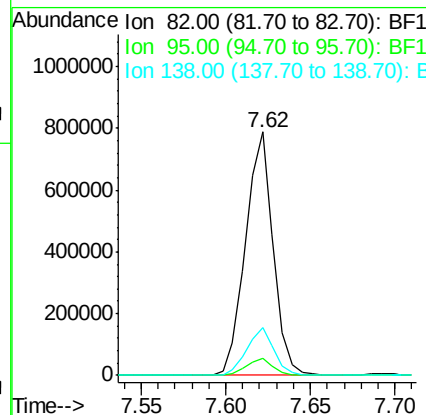
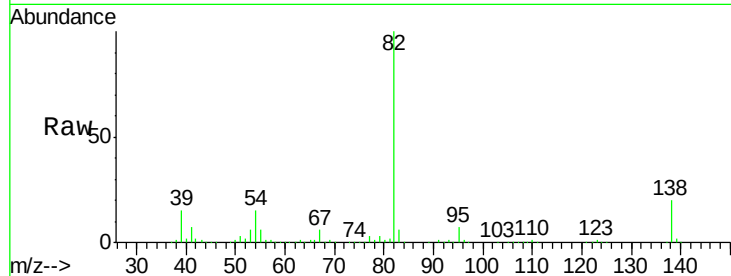
ClientSampleId :

NB-08-061620MSD

Tot Ion:	82	Resp:	898712
Ion Ratio	Lower	Upper	
82	100		
95	7.2	5.7	8.5
138	19.6	16.2	24.4

Manual Integrations
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#26

2-Nitrophenol

Concen: 50.404 ng

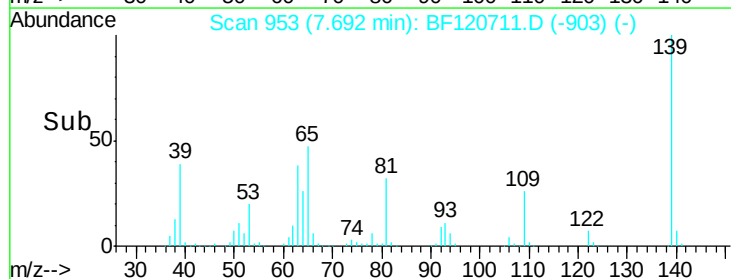
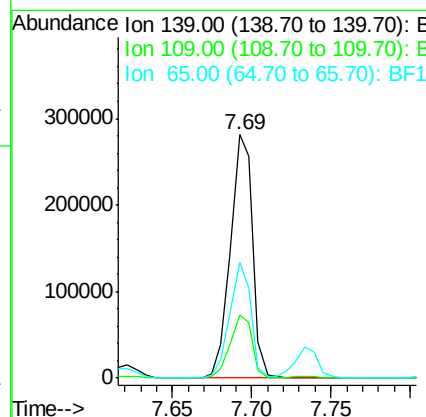
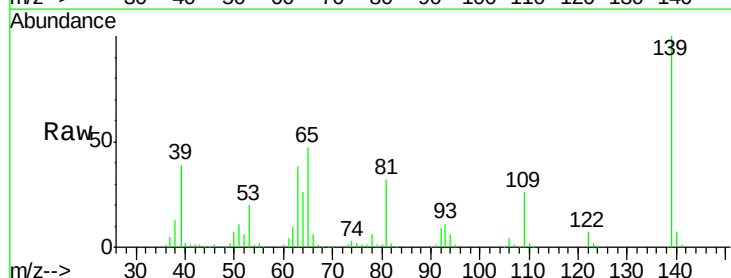
RT: 7.69 min Scan# 953

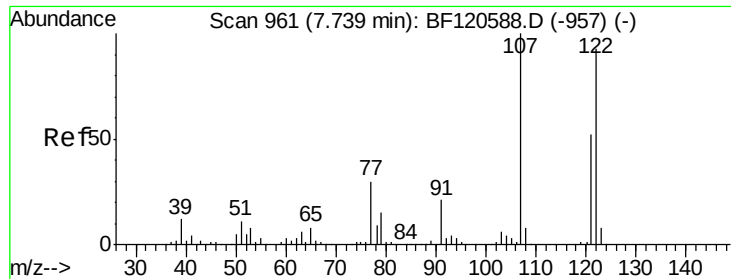
Delta R.T. -0.01 min

Lab File: BF120711.D

Acq: 26 Jun 2020 16:19

Tgt Ion:	139	Resp:	271636
Ion Ratio	Lower	Upper	
139	100		
109	26.1	21.1	31.7
65	47.3	39.4	59.0





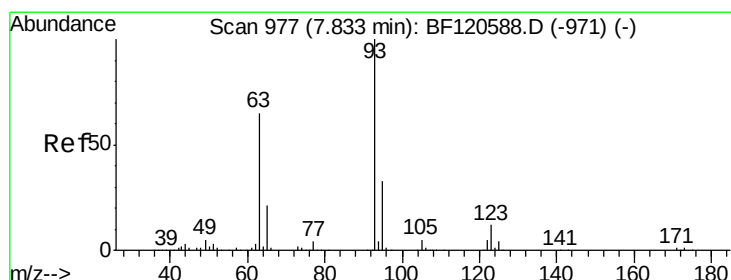
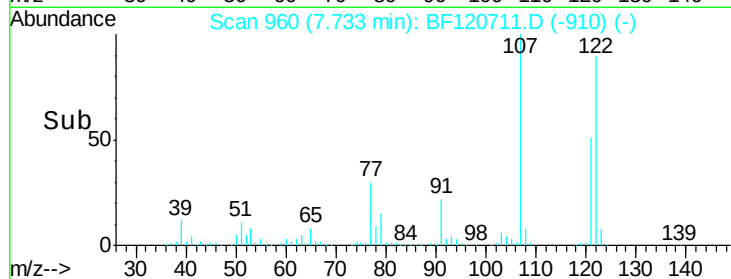
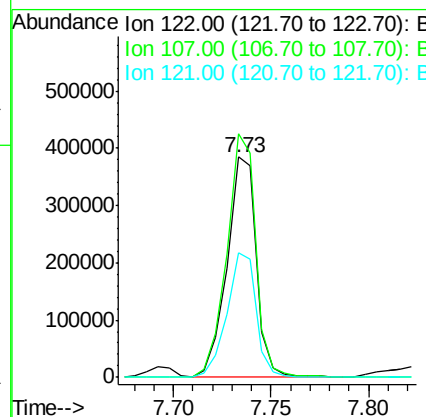
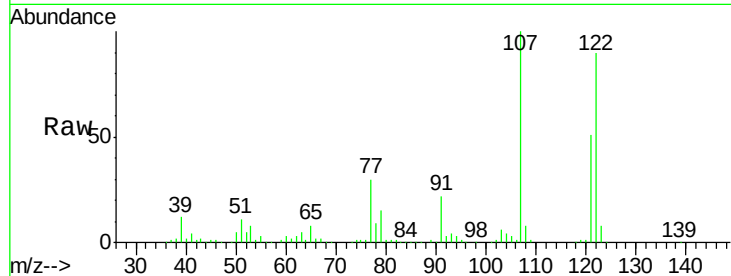
#27
2,4-Dimethylphenol
Concen: 50.381 ng
RT: 7.73 min Scan# 960
Delta R.T. -0.01 min
Lab File: BF120711.D
Acq: 26 Jun 2020 16:19

Instrument :
BNA_F
ClientSampleId :
NB-08-061620MSD

Tot Ion	Ratio	Resp	Lower	Upper
122	100	399774		
107	110.7	86.4	129.6	
121	56.8	45.2	67.8	

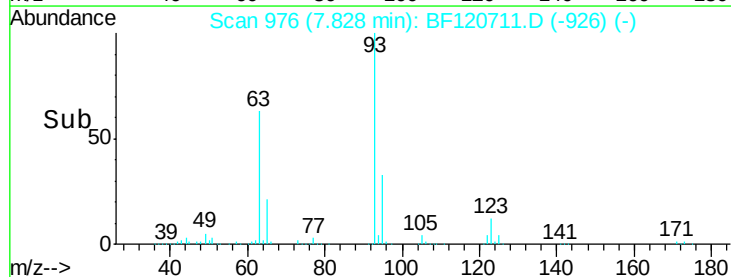
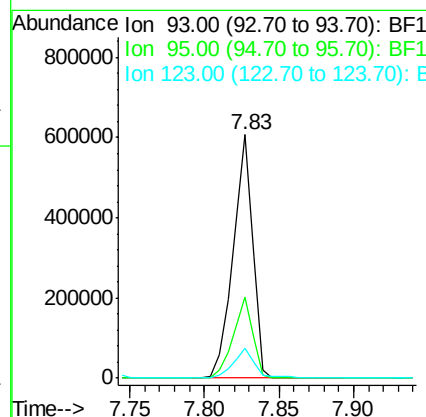
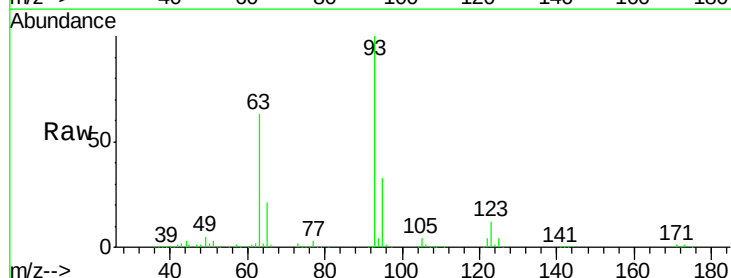
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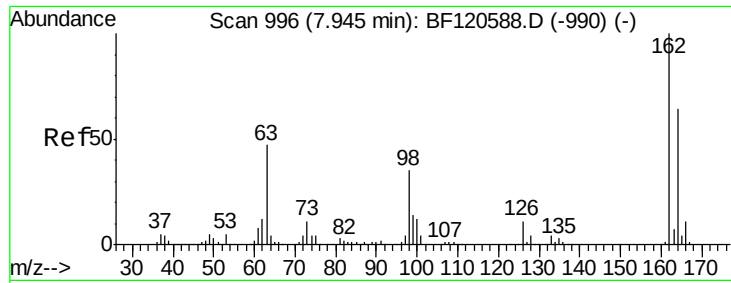
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#28
bis(2-Chloroethoxy)methane
Concen: 52.007 ng
RT: 7.83 min Scan# 976
Delta R.T. -0.01 min
Lab File: BF120711.D
Acq: 26 Jun 2020 16:19

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	571652		
95	33.1	26.2	39.4	
123	12.1	9.5	14.3	





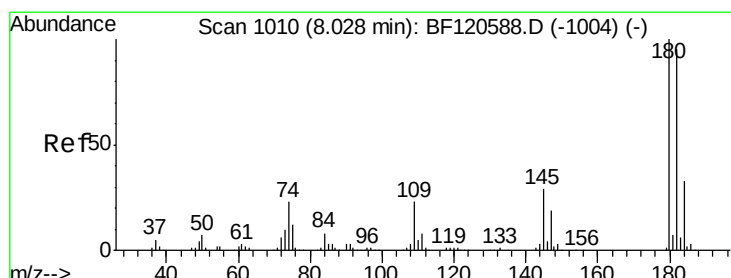
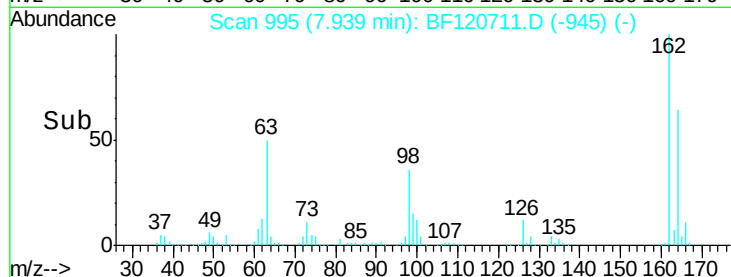
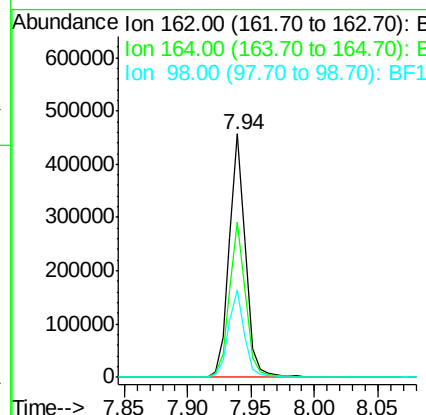
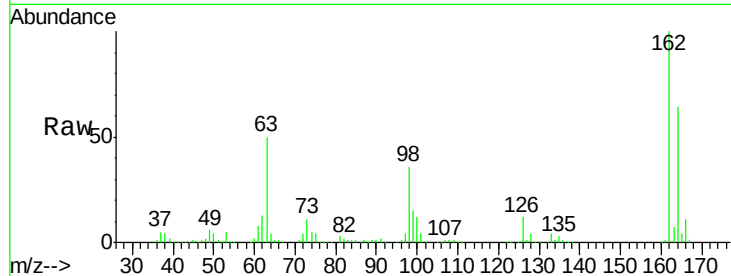
#29
2,4-Dichlorophenol
Concen: 50.580 ng
RT: 7.94 min Scan# 995
Delta R.T. -0.01 min
Lab File: BF120711.D
Acq: 26 Jun 2020 16:19

Instrument :
BNA_F
ClientSampleId :
NB-08-061620MSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100			
164	63.7	44.1	84.1	
98	35.8	14.7	54.7	

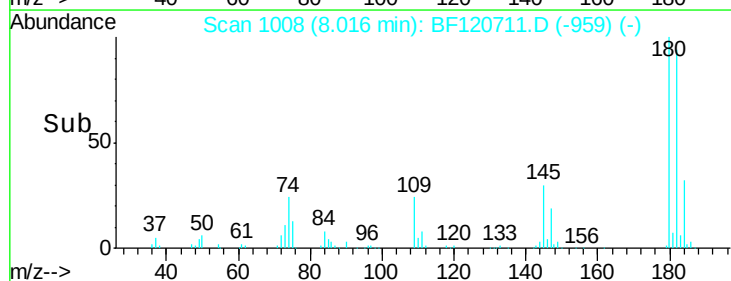
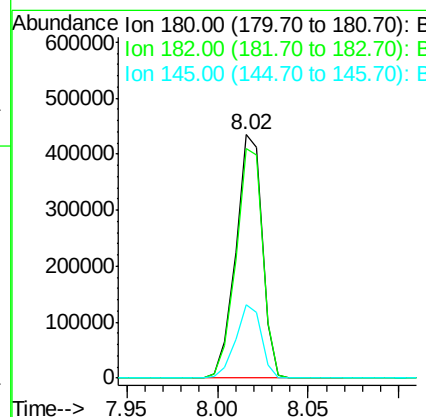
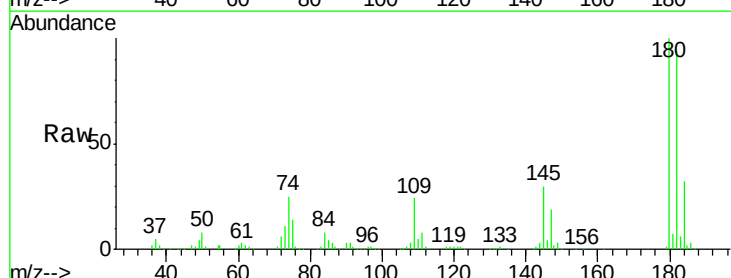
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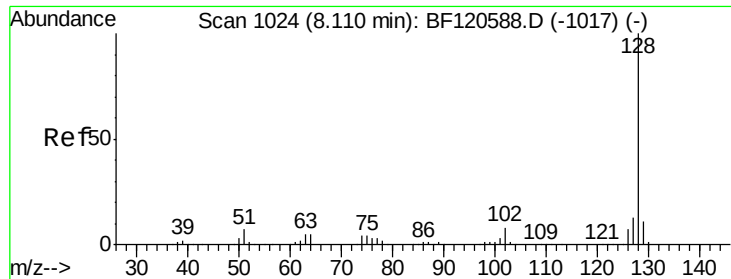
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#30
1,2,4-Trichlorobenzene
Concen: 49.337 ng
RT: 8.02 min Scan# 1008
Delta R.T. -0.01 min
Lab File: BF120711.D
Acq: 26 Jun 2020 16:19

Tgt Ion	Ratio	Resp	Lower	Upper
180	100			
182	94.2	75.8	113.6	
145	30.0	23.0	34.6	





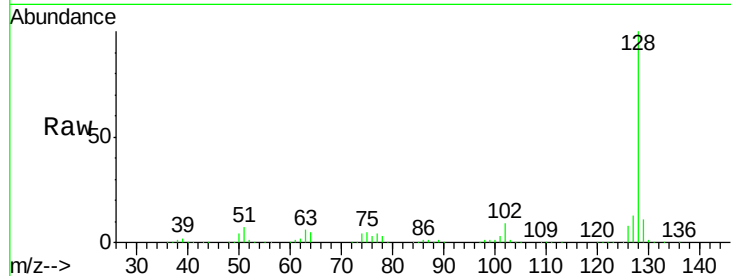
#31
Naphthalene
Concen: 49.995 ng
RT: 8.10 min Scan# 1022
Delta R.T. -0.01 min
Lab File: BF120711.D
Acq: 26 Jun 2020 16:19

Instrument :
BNA_F
ClientSampleId :
NB-08-061620MSD

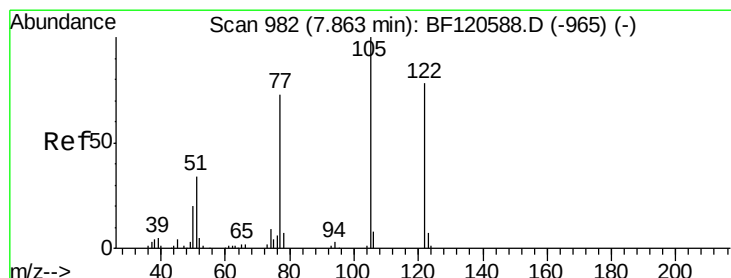
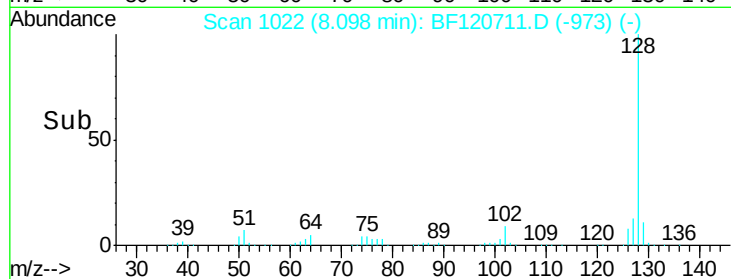
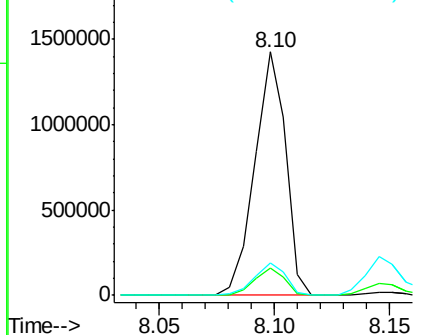
Tot Ion:128 Resp: 1335770
Ion Ratio Lower Upper
128 100
129 11.3 8.8 13.2
127 13.5 10.6 15.8

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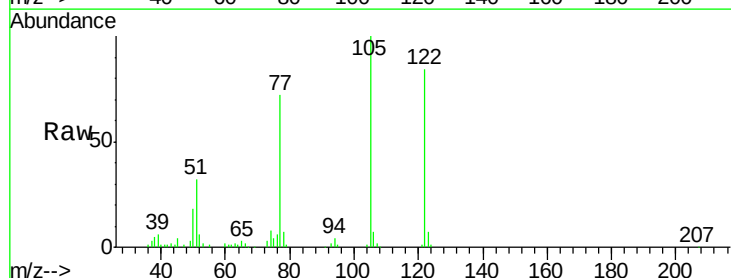


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

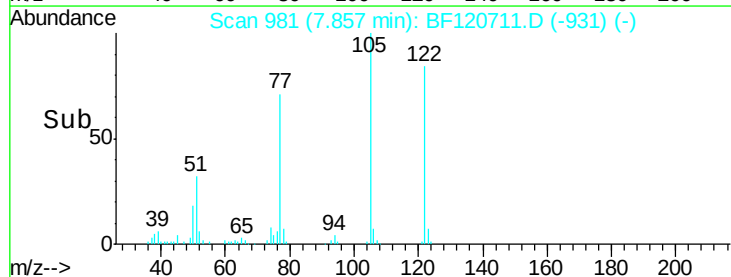
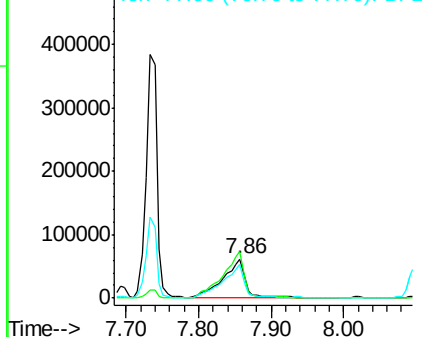


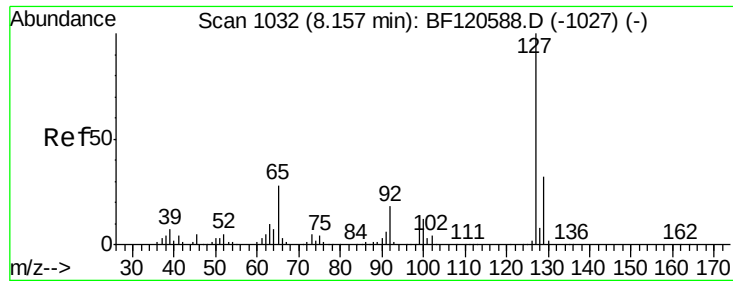
#32
Benzoic acid
Concen: 21.563 ng
RT: 7.86 min Scan# 981
Delta R.T. -0.01 min
Lab File: BF120711.D
Acq: 26 Jun 2020 16:19

Tgt Ion:122 Resp: 131276
Ion Ratio Lower Upper
122 100
105 118.6 101.0 141.0
77 85.4 69.8 109.8



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





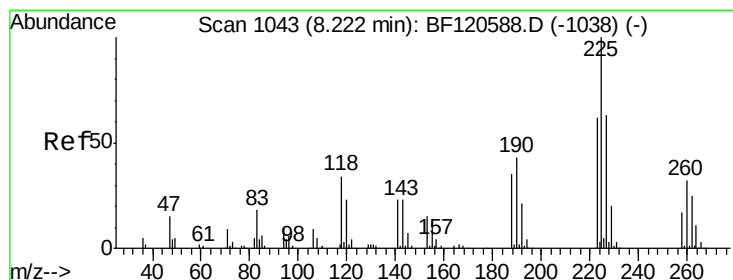
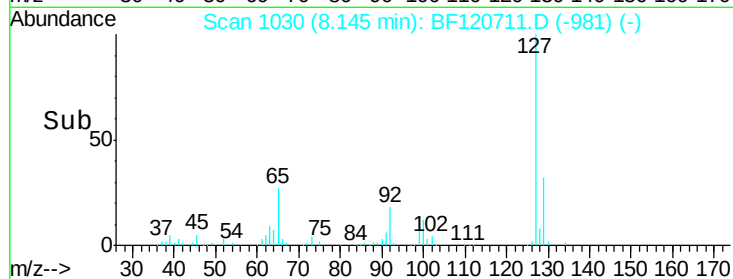
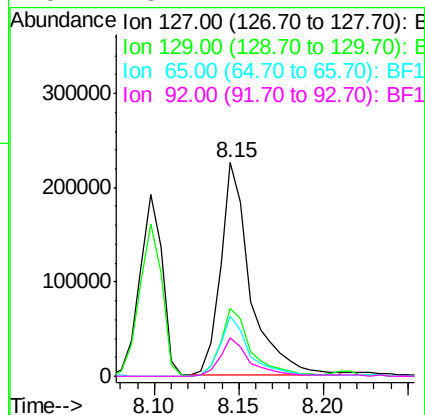
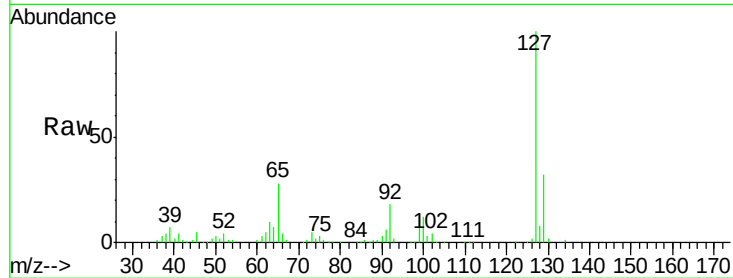
#33
4-Chloroaniline
Concen: 22.719 ng
RT: 8.15 min Scan# 1030
Delta R.T. -0.01 min
Lab File: BF120711.D
Acq: 26 Jun 2020 16:19

Instrument :
BNA_F
ClientSampleId :
NB-08-061620MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		278609		
129	32.1		25.9	38.9	
65	28.1		22.2	33.4	
92	18.1		14.2	21.2	

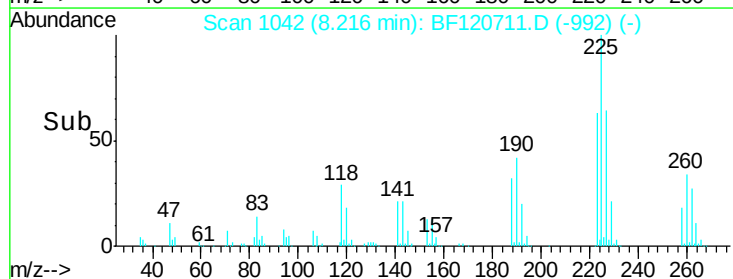
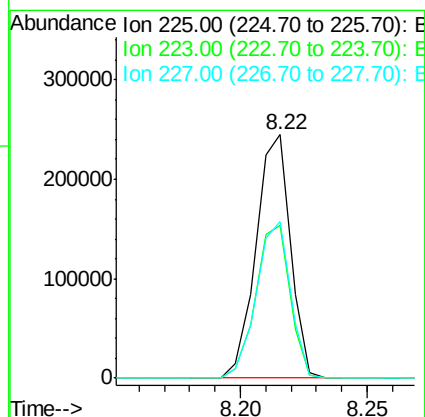
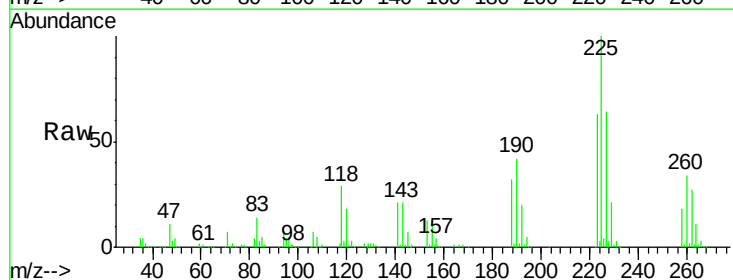
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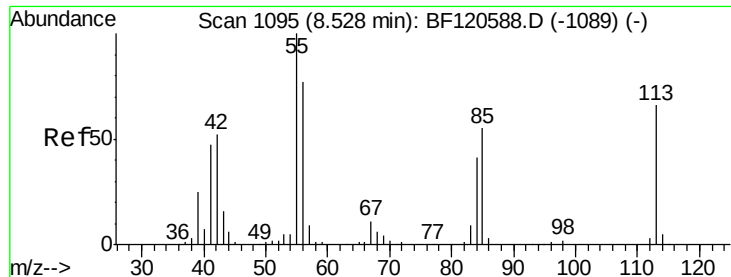
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#34
Hexachlorobutadiene
Concen: 44.545 ng
RT: 8.22 min Scan# 1042
Delta R.T. -0.01 min
Lab File: BF120711.D
Acq: 26 Jun 2020 16:19

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		232096		
223	62.7		49.9	74.9	
227	64.1		50.5	75.7	





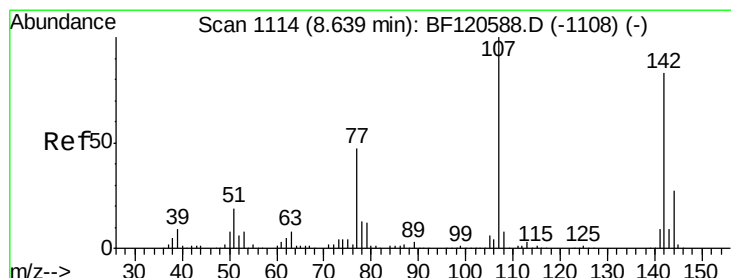
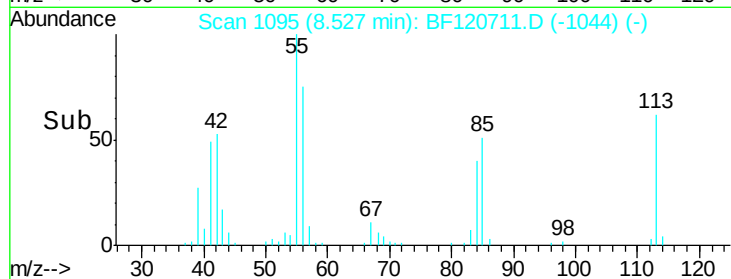
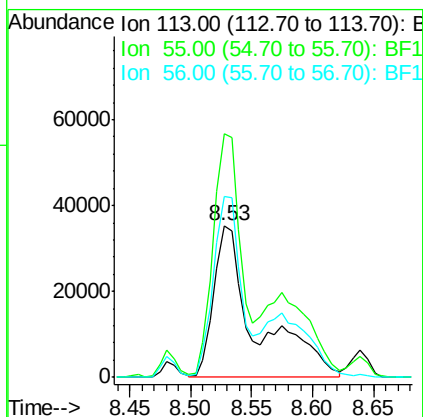
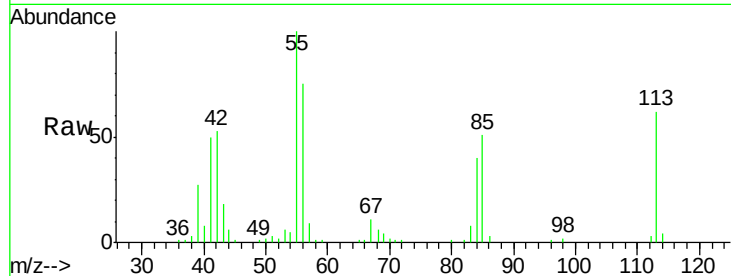
#35
Caprolactam
Concen: 33.347 ng/ml
RT: 8.53 min Scan# 1095
Delta R.T. 0.00 min
Lab File: BF120711.D
Acq: 26 Jun 2020 16:19

Instrument :
BNA_F
ClientSampleId :
NB-08-061620MSD

Tot Ion	Ratio	Lower	Upper
113	100		
55	160.4	133.1	173.1
56	119.6	98.4	138.4

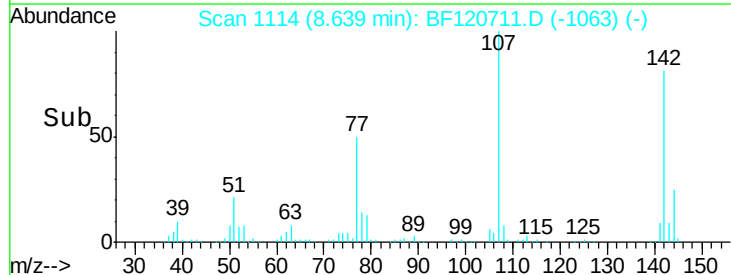
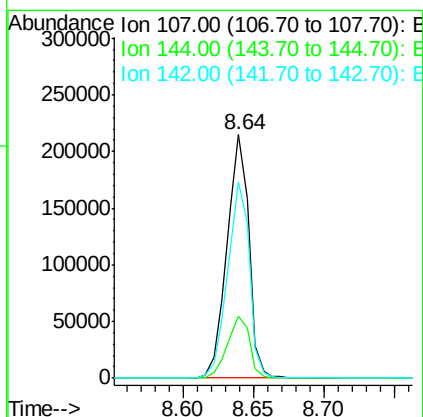
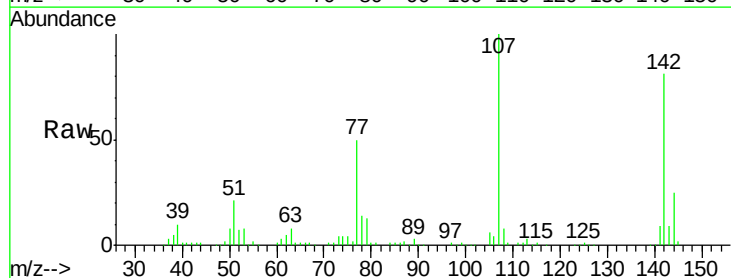
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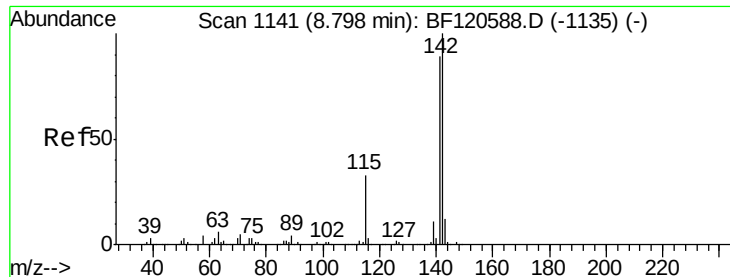
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#36
4-Chloro-3-methylphenol
Concen: 28.691 ng/ml
RT: 8.64 min Scan# 1114
Delta R.T. 0.00 min
Lab File: BF120711.D
Acq: 26 Jun 2020 16:19

Tgt Ion	Ratio	Lower	Upper
107	100		
144	25.3	21.4	32.2
142	80.6	66.3	99.5





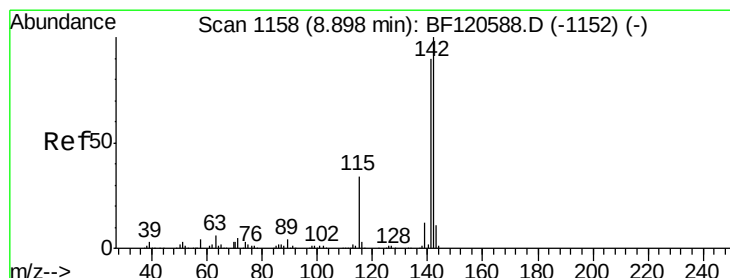
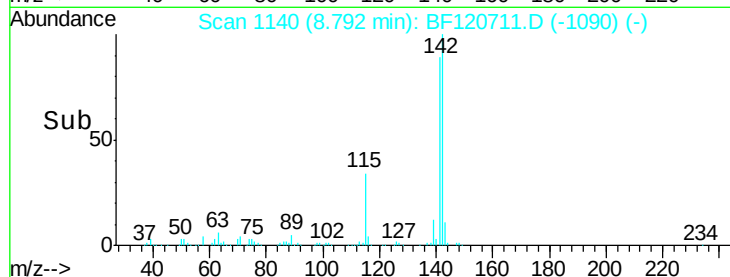
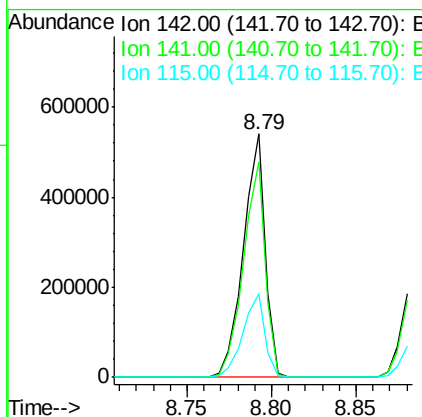
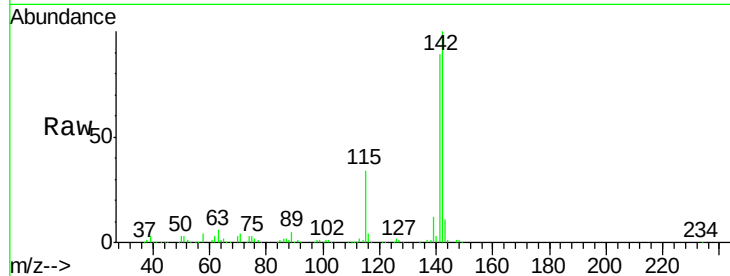
#37
2-Methylnaphthalene
Concen: 28.048 ng
RT: 8.79 min Scan# 1140
Delta R.T. -0.01 min
Lab File: BF120711.D
Acq: 26 Jun 2020 16:19

Instrument :
BNA_F
ClientSampleId :
NB-08-061620MSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.6	71.4	107.0
115	34.4	26.1	39.1

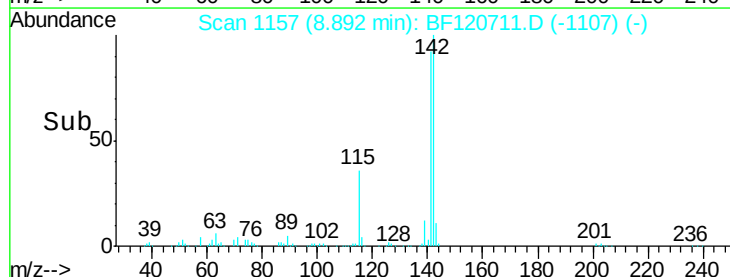
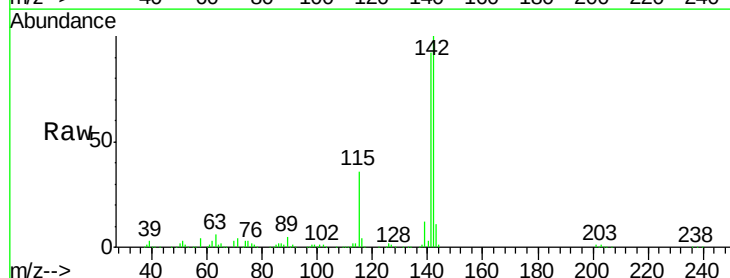
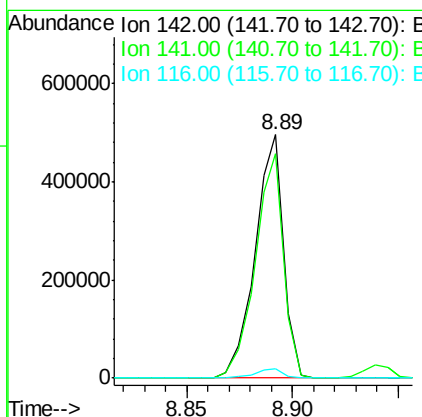
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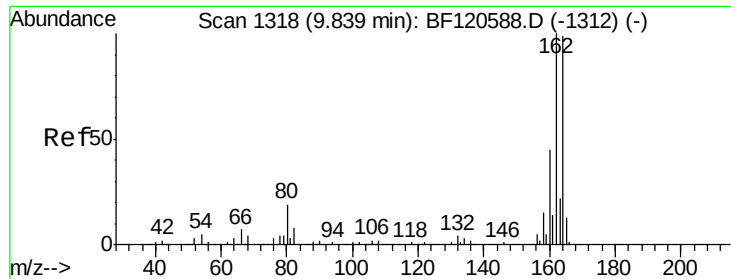
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#38
1-Methylnaphthalene
Concen: 28.239 ng
RT: 8.89 min Scan# 1157
Delta R.T. -0.01 min
Lab File: BF120711.D
Acq: 26 Jun 2020 16:19

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.2	72.1	108.1
116	3.6	2.7	4.1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.83 min Scan# 1317

Delta R.T. -0.01 min

Lab File: BF120711.D

Acq: 26 Jun 2020 16:19

Instrument :

BNA_F

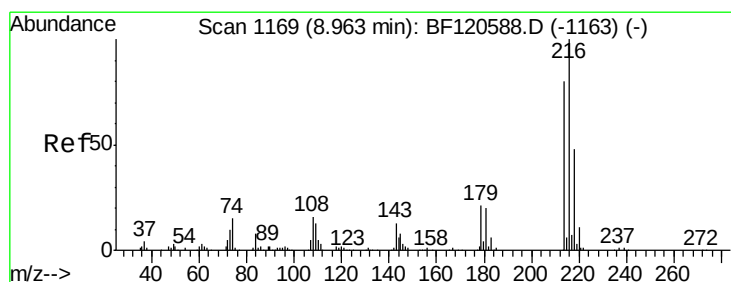
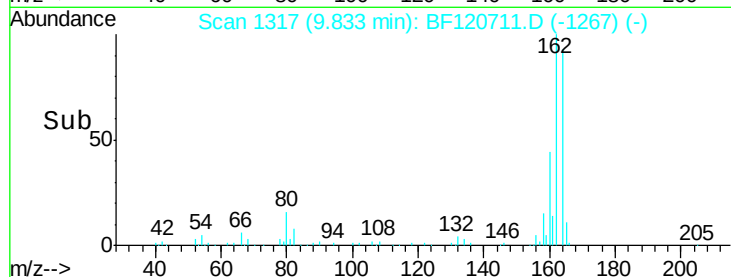
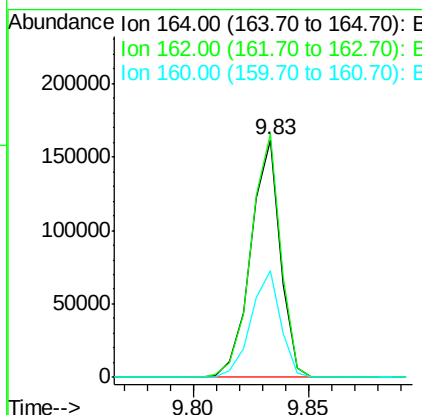
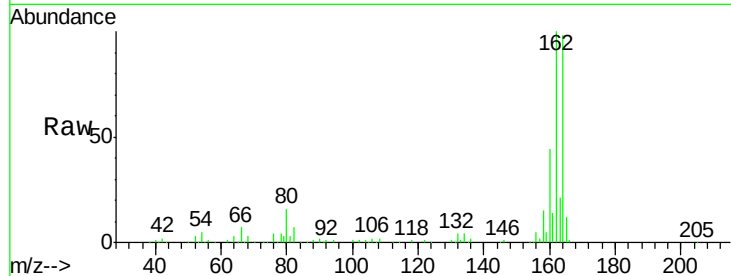
ClientSampleId :

NB-08-061620MSD

Tot Ion:	164	Resp:	144024
Ion Ratio	Lower	Upper	
164	100		
162	102.5	80.6	120.8
160	45.0	36.2	54.2

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#40

1,2,4,5-Tetrachlorobenzene

Concen: 54.535 ng

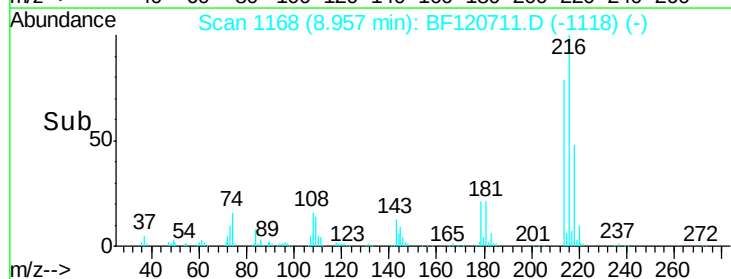
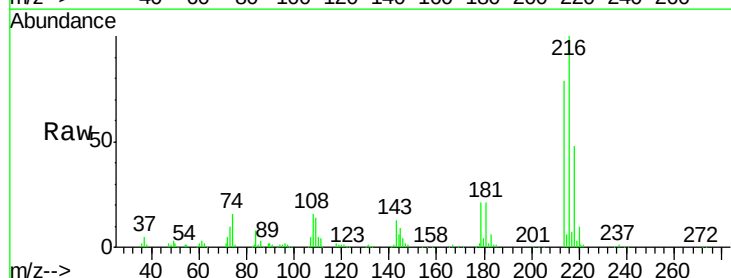
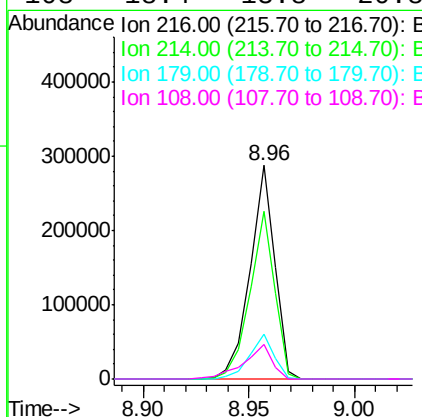
RT: 8.96 min Scan# 1168

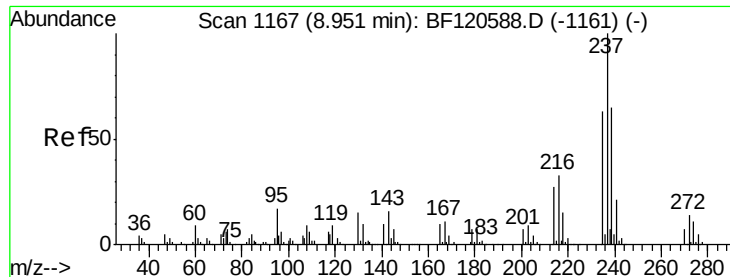
Delta R.T. -0.01 min

Lab File: BF120711.D

Acq: 26 Jun 2020 16:19

Tgt Ion:	216	Resp:	234524
Ion Ratio	Lower	Upper	
216	100		
214	78.5	63.8	95.6
179	21.0	16.4	24.6
108	18.4	13.8	20.8





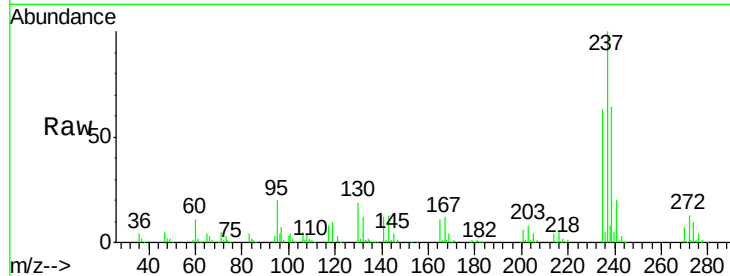
#41
Hexachlorocyclopentadiene
Concen: 90.917 ng
RT: 8.94 min Scan# 1165
Delta R.T. -0.01 min
Lab File: BF120711.D
Acq: 26 Jun 2020 16:19

Instrument :
BNA_F
ClientSampleId :
NB-08-061620MSD

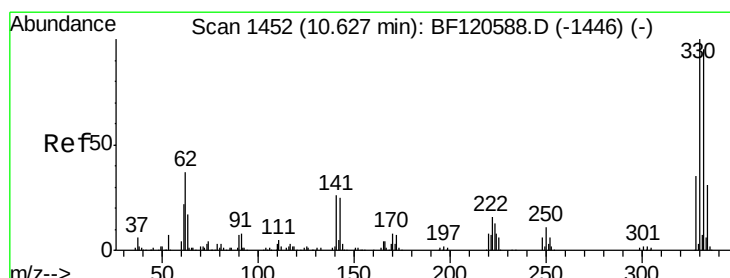
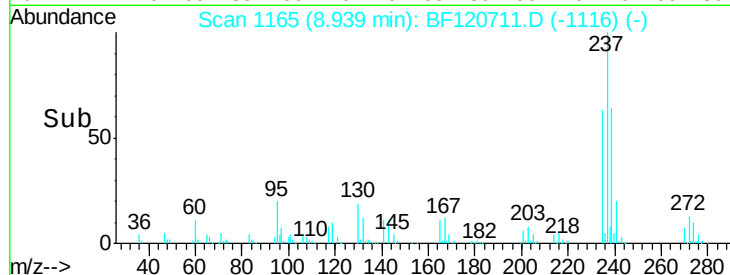
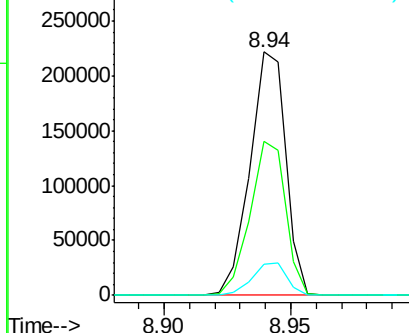
Tot Ion	Ratio	Resp Lower	Upper
237	100		
235	63.1	43.2	83.2
272	12.6	0.0	33.9

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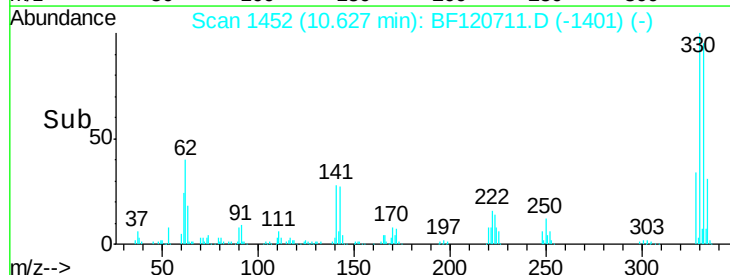
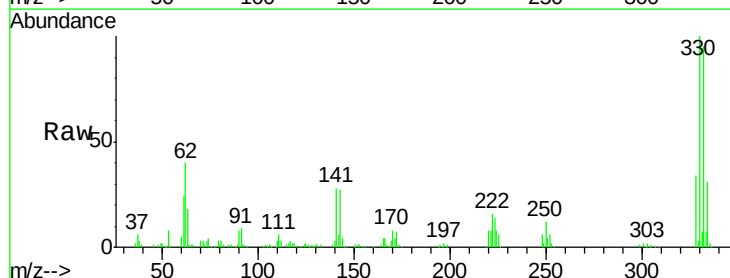
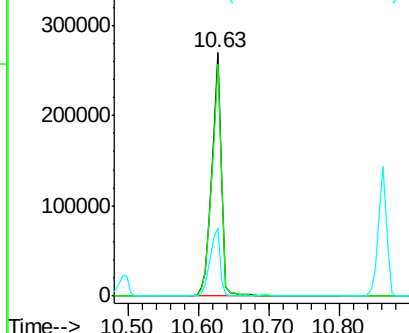
Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

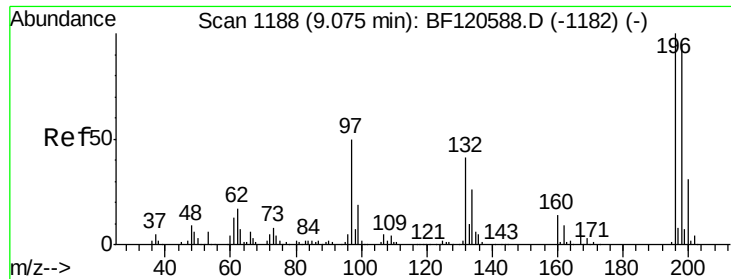


#42
2,4,6-Tribromophenol
Concen: 154.346 ng
RT: 10.63 min Scan# 1452
Delta R.T. 0.00 min
Lab File: BF120711.D
Acq: 26 Jun 2020 16:19

Tgt Ion	Ratio	Resp Lower	Upper
330	100		
332	96.1	76.8	115.2
141	29.5	23.2	34.8

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





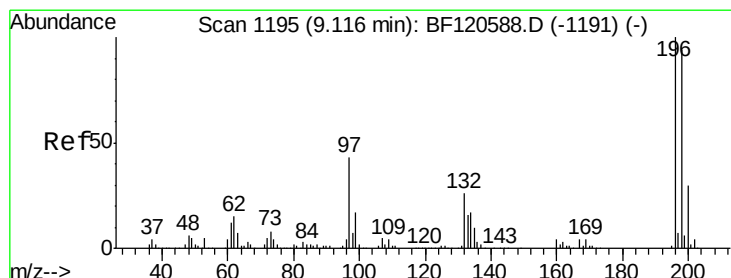
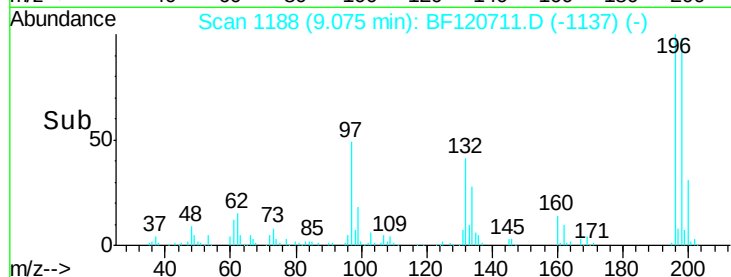
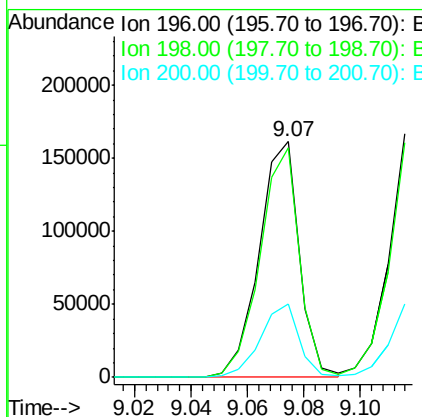
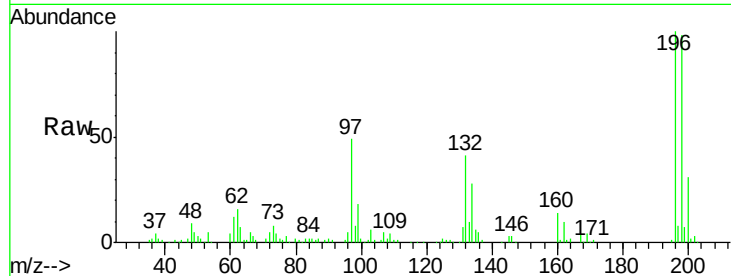
#43
 2,4,6-Trichlorophenol
 Concen: 52.280 ng
 RT: 9.07 min Scan# 1188
 Delta R.T. 0.00 min
 Lab File: BF120711.D
 Acq: 26 Jun 2020 16:19

Instrument :
 BNA_F
 ClientSampleId :
 NB-08-061620MSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	159482		
198	97.5	76.2	114.2	
200	31.1	24.6	37.0	

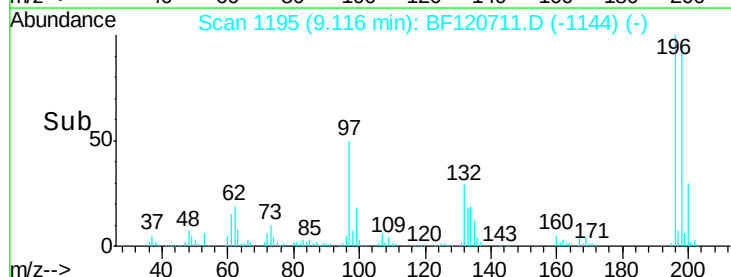
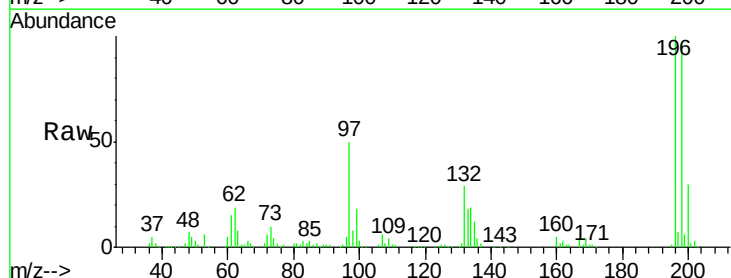
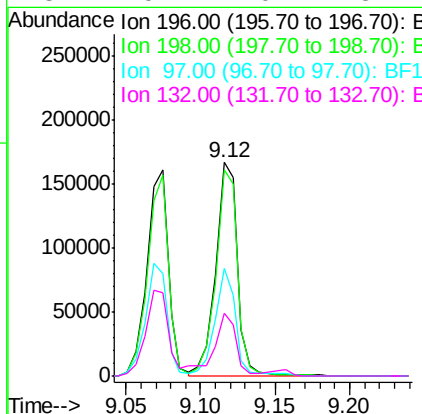
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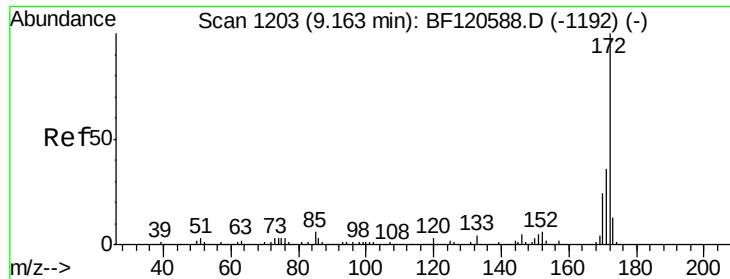
mohammad
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#44
 2,4,5-Trichlorophenol
 Concen: 49.225 ng
 RT: 9.12 min Scan# 1195
 Delta R.T. 0.00 min
 Lab File: BF120711.D
 Acq: 26 Jun 2020 16:19

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	170365		
198	96.5	75.5	113.3	
97	50.4	34.4	51.6	
132	29.1	20.7	31.1	





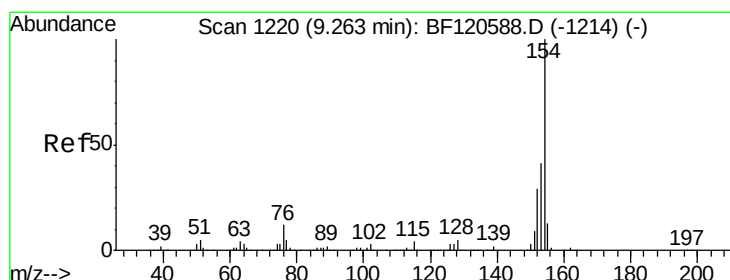
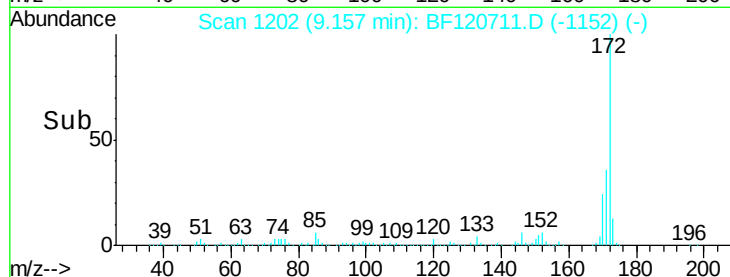
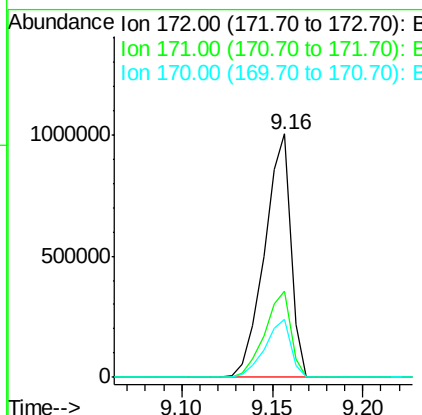
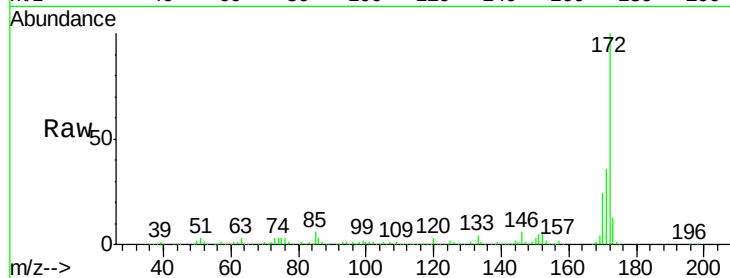
#45
2-Fluorobiphenyl
Concen: 106.948 ng
RT: 9.16 min Scan# 1202
Delta R.T. -0.01 min
Lab File: BF120711.D
Acq: 26 Jun 2020 16:19

Instrument :
BNA_F
ClientSampleId :
NB-08-061620MSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.6	29.0	43.4
170	23.7	19.4	29.2

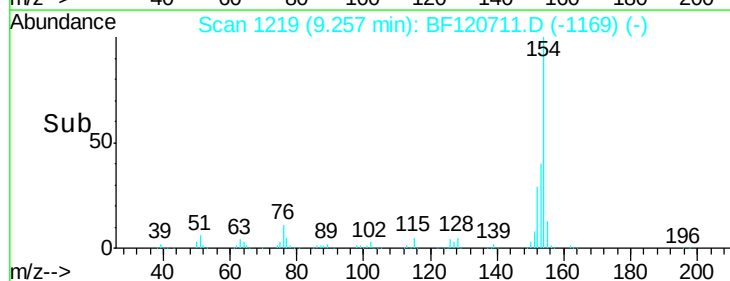
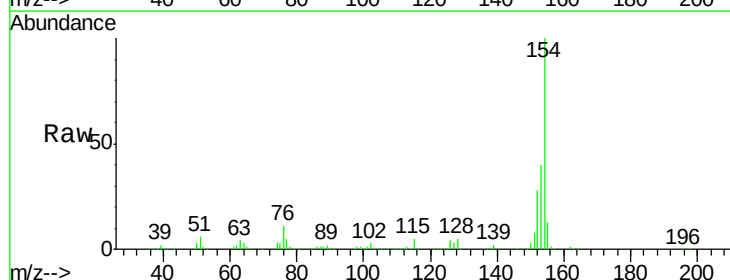
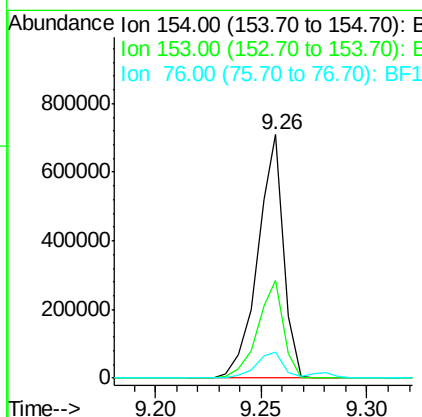
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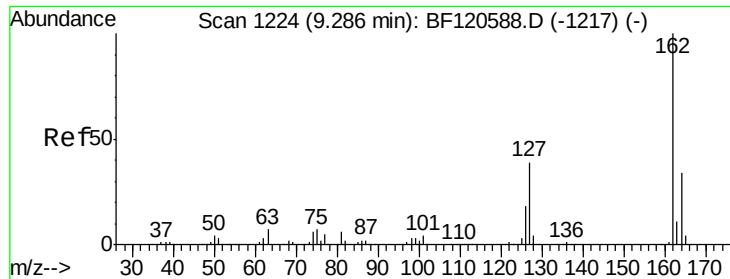
mohammad
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#46
1,1'-Biphenyl
Concen: 55.630 ng
RT: 9.26 min Scan# 1219
Delta R.T. -0.01 min
Lab File: BF120711.D
Acq: 26 Jun 2020 16:19

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.3	21.4	61.4
76	10.9	0.0	31.6





#47

2-Chloronaphthalene

Concen: 52.898 ng

RT: 9.28 min Scan# 1223

Delta R.T. -0.01 min

Lab File: BF120711.D

Acq: 26 Jun 2020 16:19

Instrument :

BNA_F

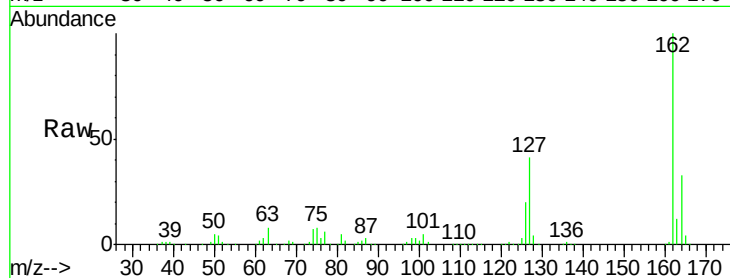
ClientSampleId :

NB-08-061620MSD

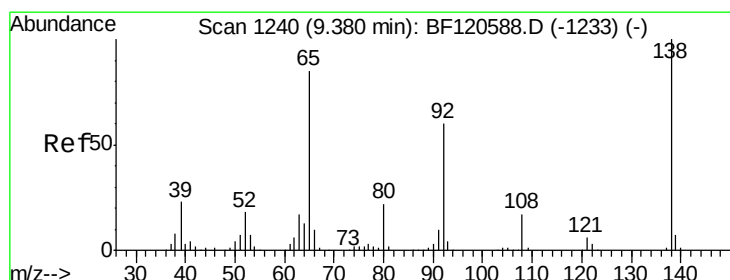
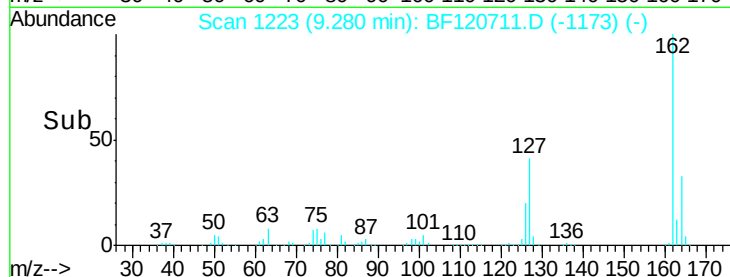
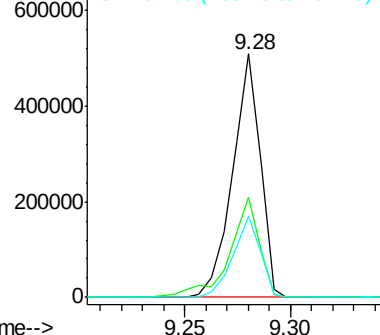
Tot Ion:	162	Resp:	465196
Ion Ratio	Lower	Upper	
162	100		
127	41.1	31.3	46.9
164	33.3	26.9	40.3

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Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E



#48

2-Nitroaniline

Concen: 49.953 ng

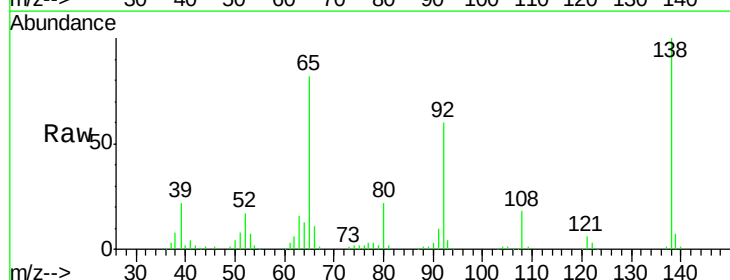
RT: 9.38 min Scan# 1240

Delta R.T. 0.00 min

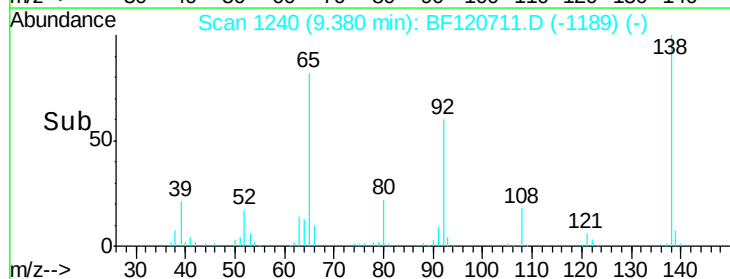
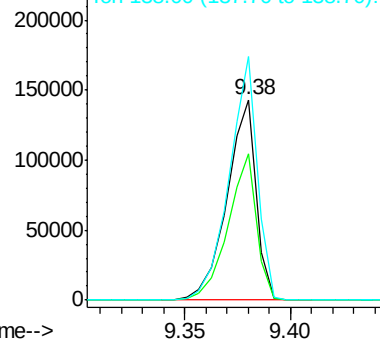
Lab File: BF120711.D

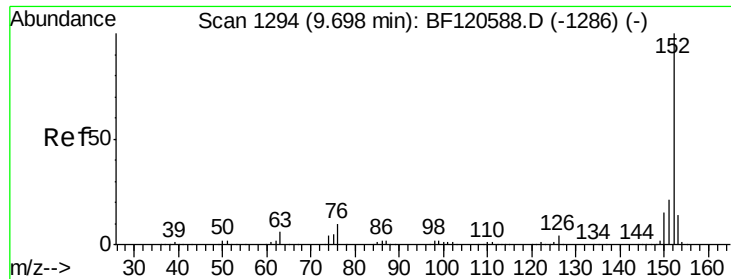
Acq: 26 Jun 2020 16:19

Tgt Ion:	65	Resp:	137970
Ion Ratio	Lower	Upper	
65	100		
92	72.7	56.0	84.0
138	121.3	94.0	141.0



Abundance Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1
Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 53.163 ng

RT: 9.70 min Scan# 1294

Delta R.T. 0.00 min

Lab File: BF120711.D

Acq: 26 Jun 2020 16:19

Instrument :

BNA_F

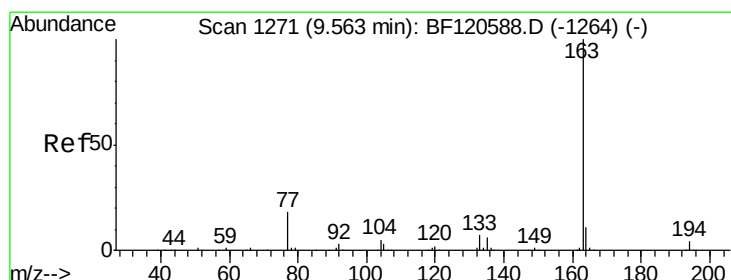
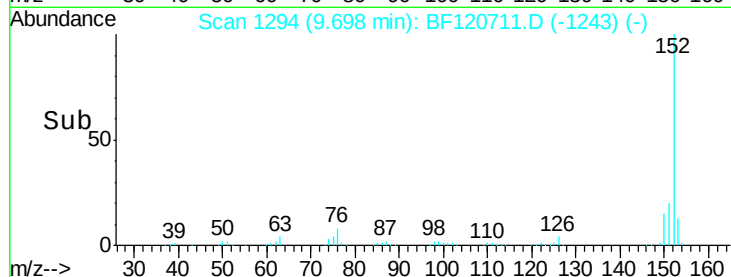
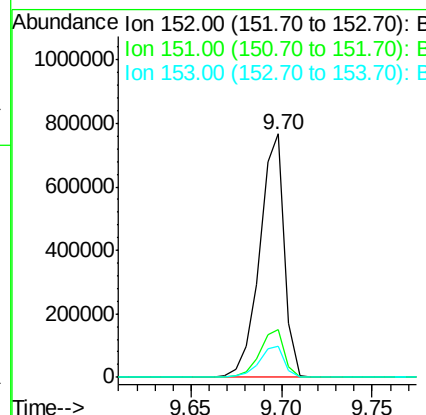
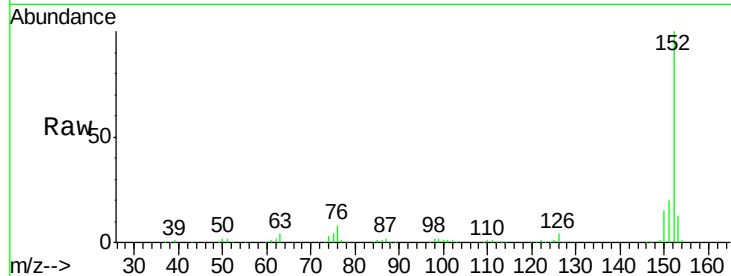
ClientSampleId :

NB-08-061620MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
152	100		721541		
151	19.8	16.6	25.0		
153	12.8	11.0	16.6		

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#50

Dimethylphthalate

Concen: 53.374 ng

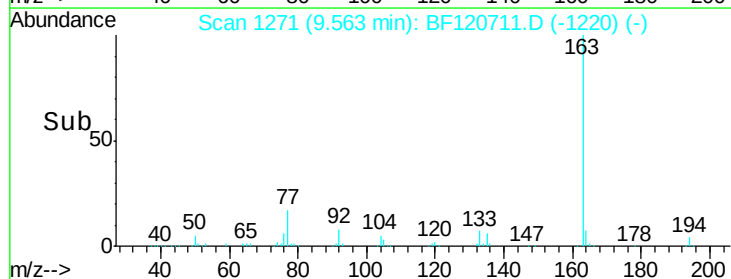
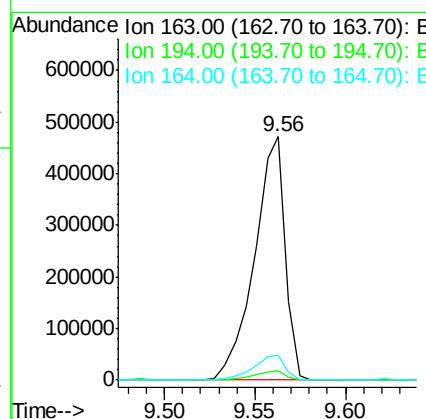
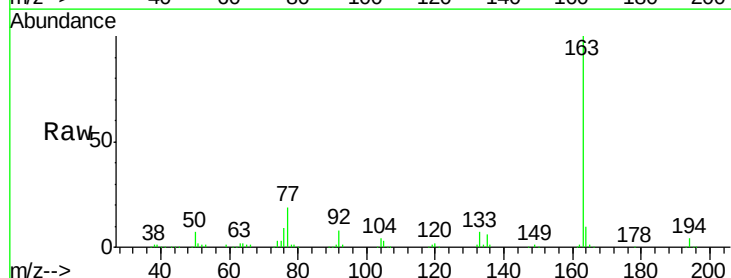
RT: 9.56 min Scan# 1271

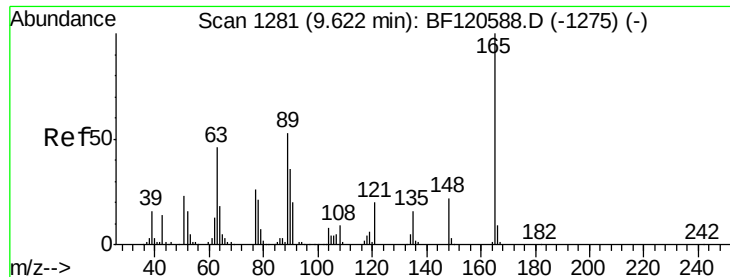
Delta R.T. 0.00 min

Lab File: BF120711.D

Acq: 26 Jun 2020 16:19

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
163	100		553633		
194	3.9	3.1	4.7		
164	10.0	8.5	12.7		





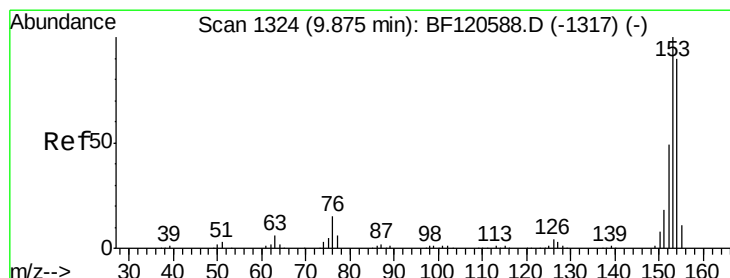
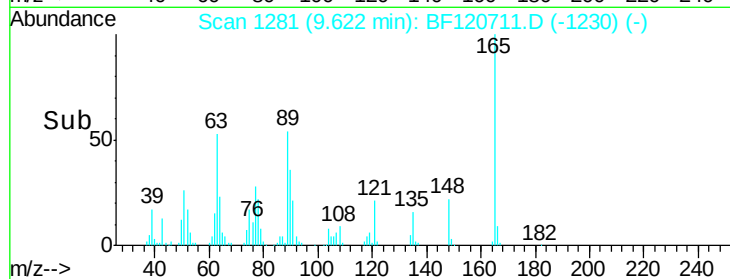
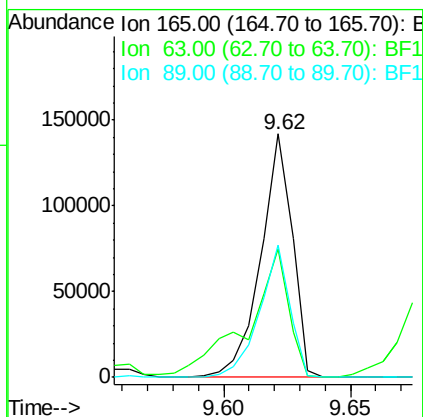
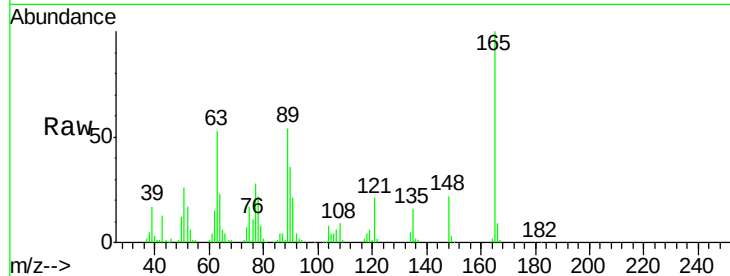
#51
 2,6-Dinitrotoluene
 Concen: 52.699 ng
 RT: 9.62 min Scan# 1281
 Delta R.T. 0.00 min
 Lab File: BF120711.D
 Acq: 26 Jun 2020 16:19

Instrument :
 BNA_F
 ClientSampleId :
 NB-08-061620MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		123882		
63	52.6	41.7	62.5		
89	54.2	42.6	64.0		

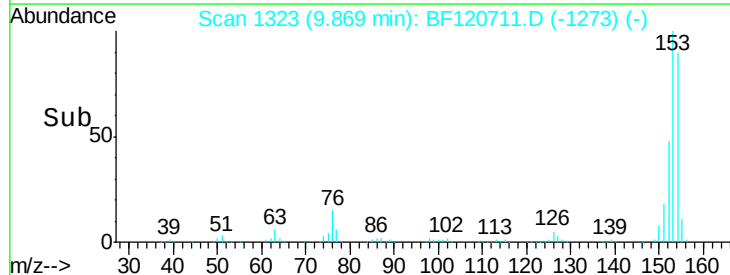
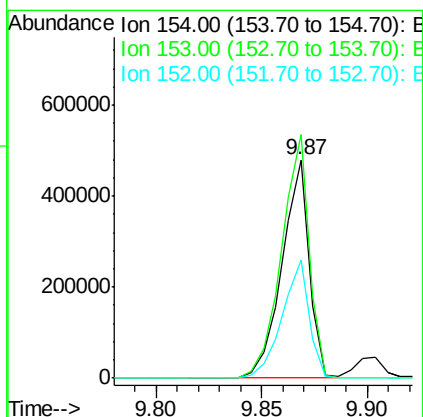
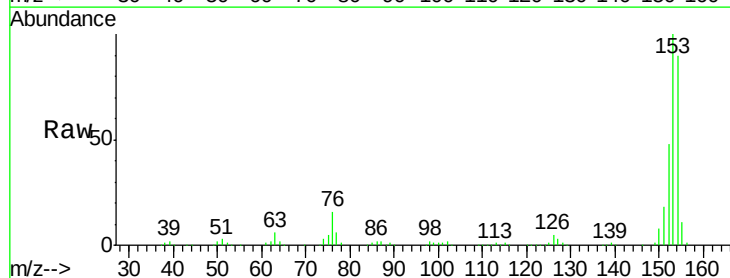
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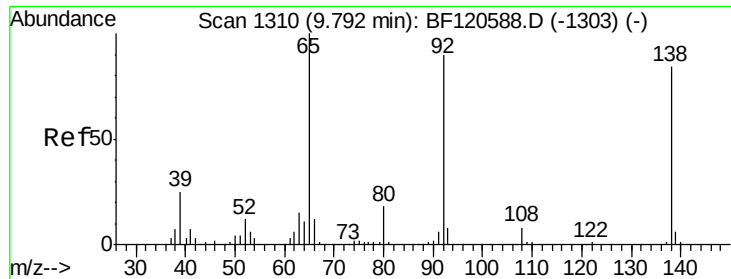
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#52
 Acenaphthene
 Concen: 53.331 ng
 RT: 9.87 min Scan# 1323
 Delta R.T. -0.01 min
 Lab File: BF120711.D
 Acq: 26 Jun 2020 16:19

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
154	100		431693		
153	111.6	89.1	133.7		
152	54.1	43.7	65.5		





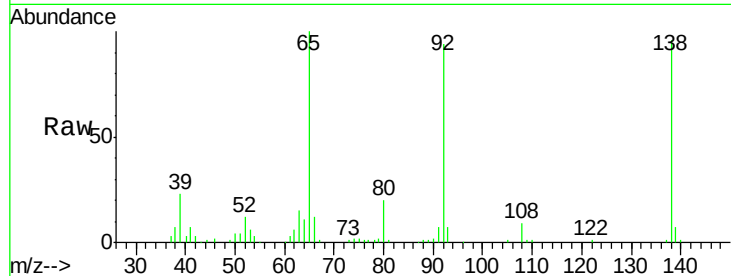
#53
 3-Nitroaniline
 Concen: 29.675 ng
 RT: 9.79 min Scan# 1310
 Delta R.T. 0.00 min
 Lab File: BF120711.D
 Acq: 26 Jun 2020 16:19

Instrument :
 BNA_F
 ClientSampleId :
 NB-08-061620MSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	9.8	8.0	12.0
92	98.2	86.0	129.0

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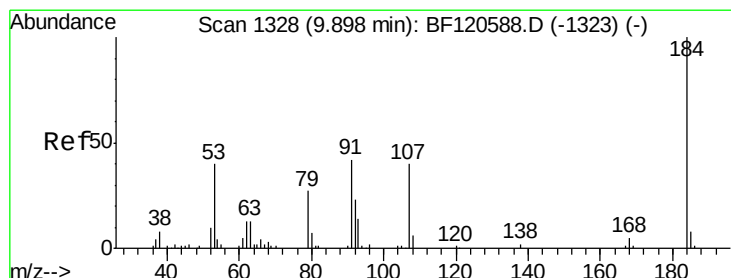
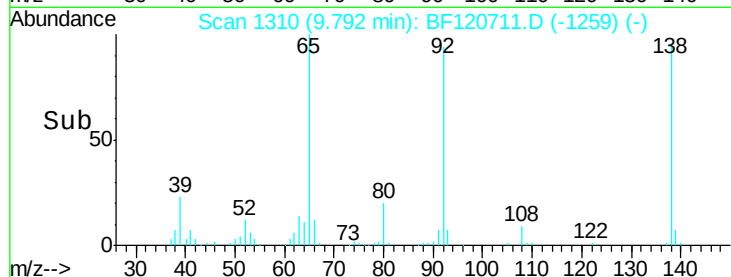
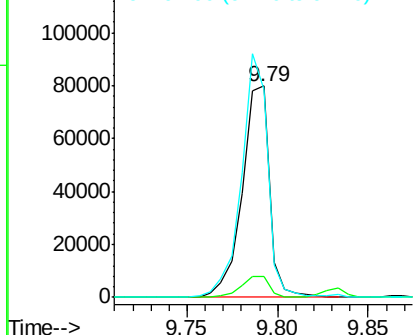


Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#54
 2,4-Dinitrophenol
 Concen: 59.451 ng
 RT: 9.90 min Scan# 1329
 Delta R.T. 0.01 min
 Lab File: BF120711.D
 Acq: 26 Jun 2020 16:19

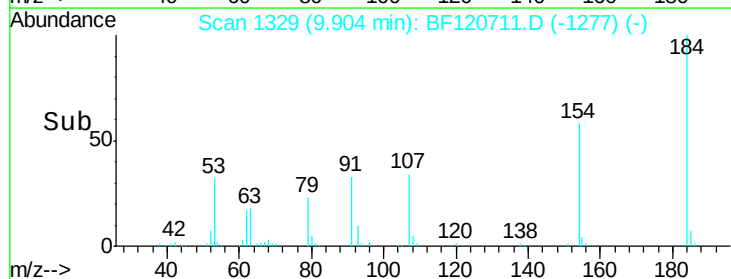
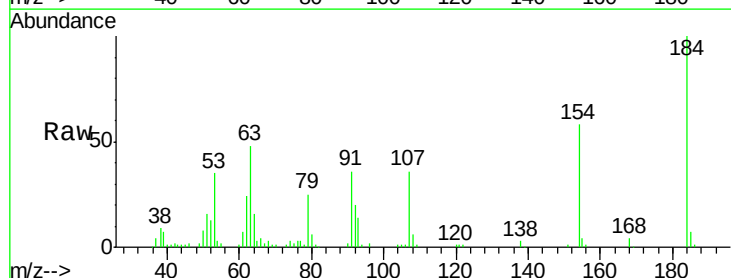
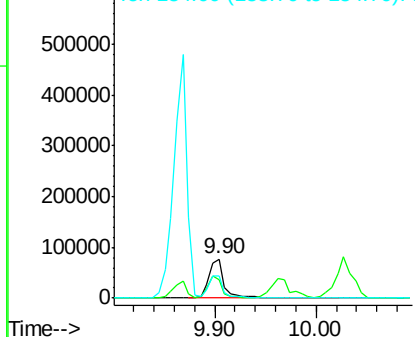
Tgt Ion	Ratio	Lower	Upper
184	100		
63	47.6	44.2	66.2
154	57.7	45.9	68.9

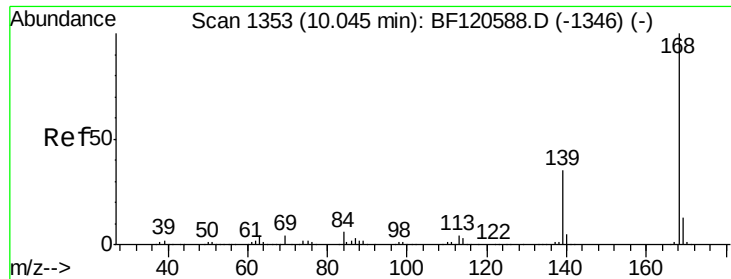
Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E





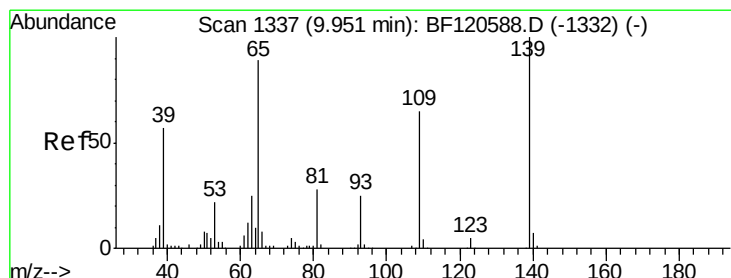
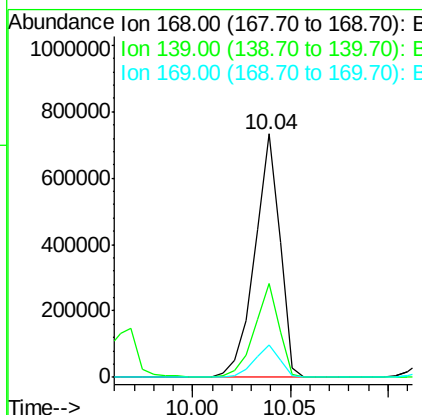
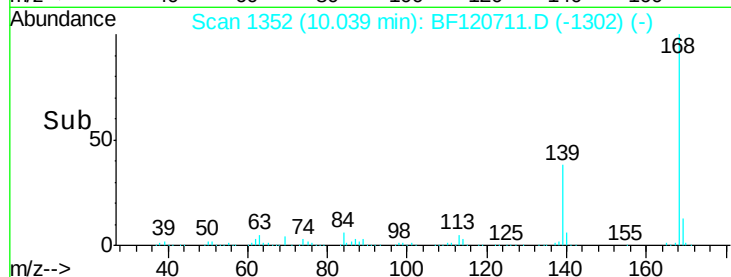
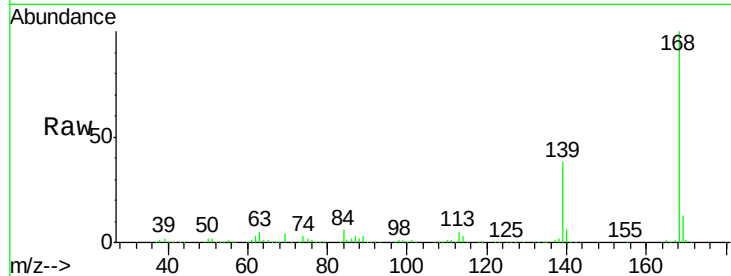
#55
Dibenzenofuran
Concen: 52.506 ng
RT: 10.04 min Scan# 1352
Delta R.T. -0.01 min
Lab File: BF120711.D
Acq: 26 Jun 2020 16:19

Instrument :
BNA_F
ClientSampleId :
NB-08-061620MSD

Tot Ion	Ratio	Lower	Upper
168	100		
139	38.4	28.1	42.1
169	13.3	10.6	16.0

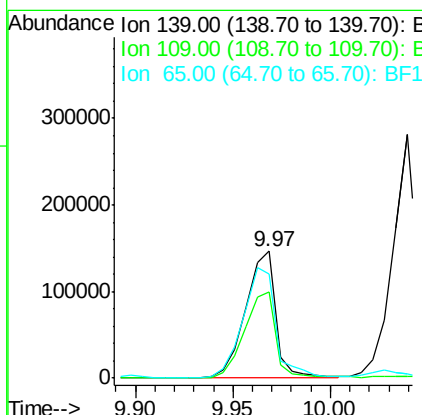
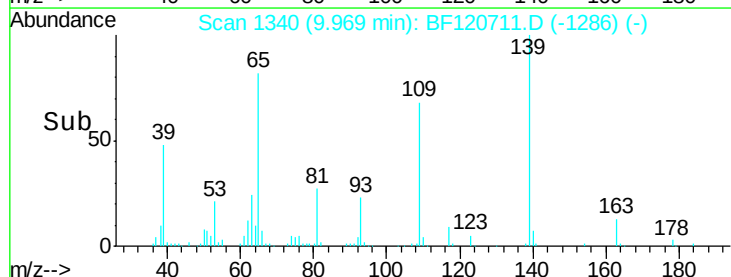
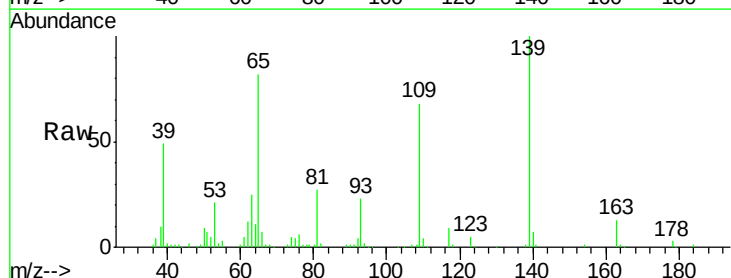
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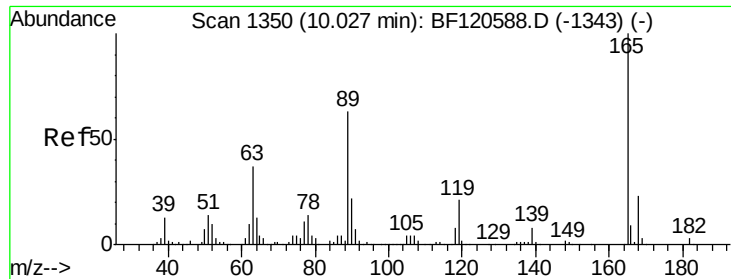
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#56
4-Nitrophenol
Concen: 74.511 ng
RT: 9.97 min Scan# 1340
Delta R.T. 0.02 min
Lab File: BF120711.D
Acq: 26 Jun 2020 16:19

Tgt Ion	Ratio	Lower	Upper
139	100		
109	67.6	44.6	84.6
65	81.9	69.2	109.2





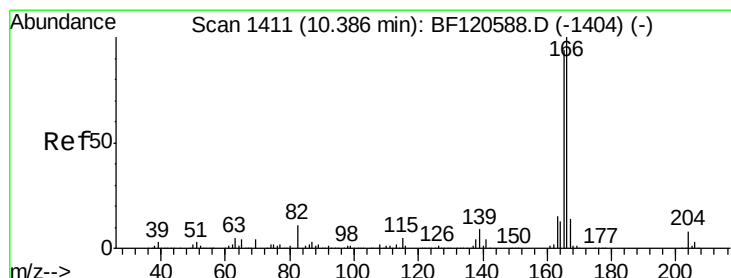
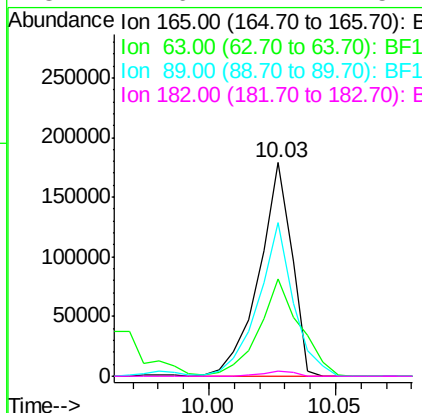
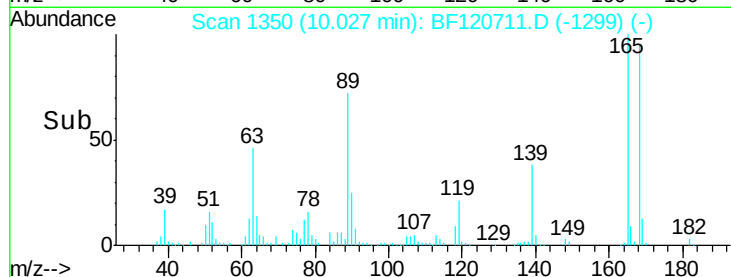
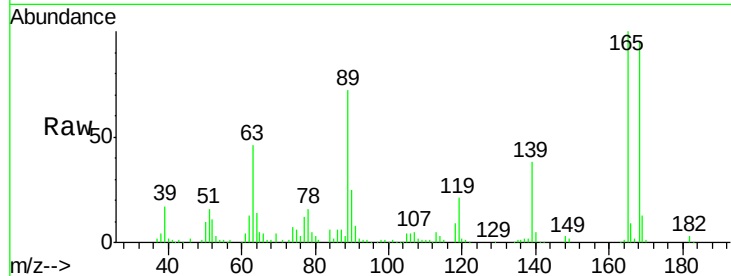
#57
2,4-Dinitrotoluene
Concen: 51.855 ng
RT: 10.03 min Scan# 1350
Delta R.T. 0.00 min
Lab File: BF120711.D
Acq: 26 Jun 2020 16:19

Instrument :
BNA_F
ClientSampleId :
NB-08-061620MSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	161751		
63	45.5	29.8	44.8#	
89	71.9	50.4	75.6	
182	2.6	2.1	3.1	

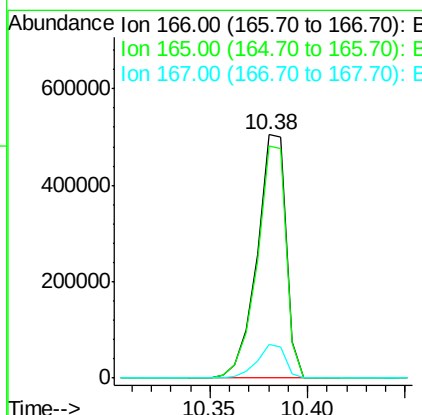
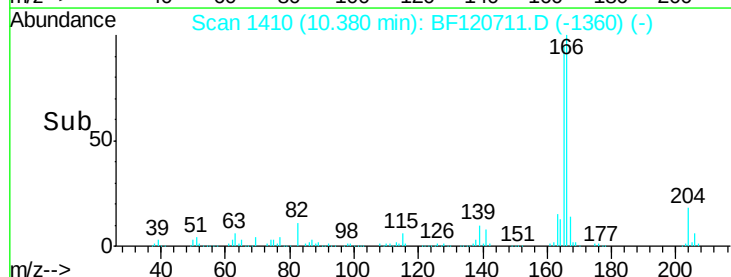
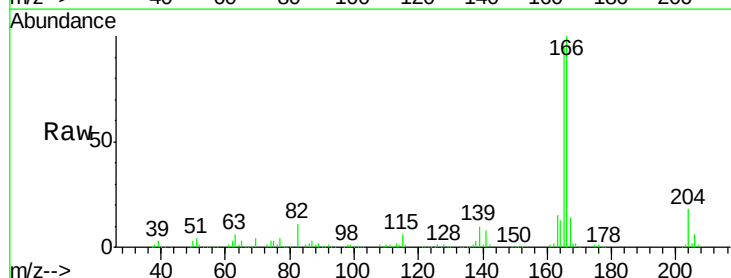
Manual Integrations
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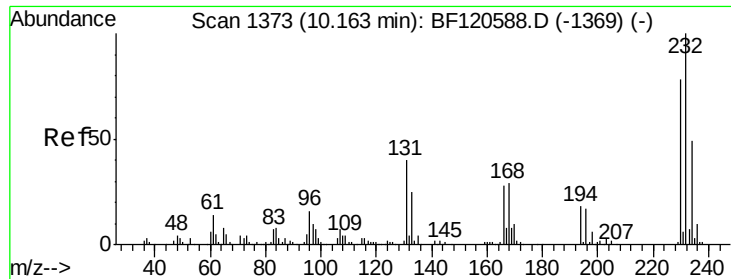
mohammad
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#58
Fluorene
Concen: 54.321 ng
RT: 10.38 min Scan# 1410
Delta R.T. -0.01 min
Lab File: BF120711.D
Acq: 26 Jun 2020 16:19

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	519744		
165	95.2	75.0	112.6	
167	13.6	11.0	16.4	





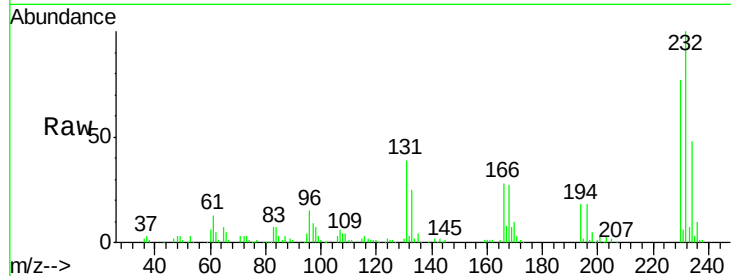
#59
2,3,4,6-Tetrachlorophenol
Concen: 52.399 ng
RT: 10.16 min Scan# 1373
Delta R.T. 0.00 min
Lab File: BF120711.D
Acq: 26 Jun 2020 16:19

Instrument :
BNA_F
ClientSampleId :
NB-08-061620MSD

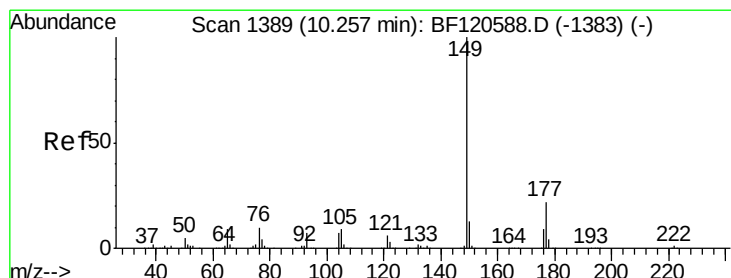
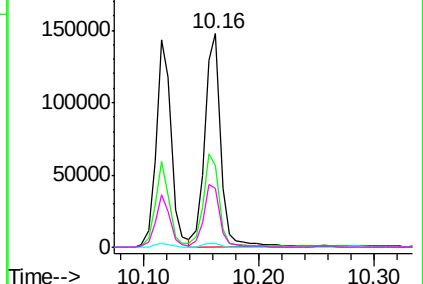
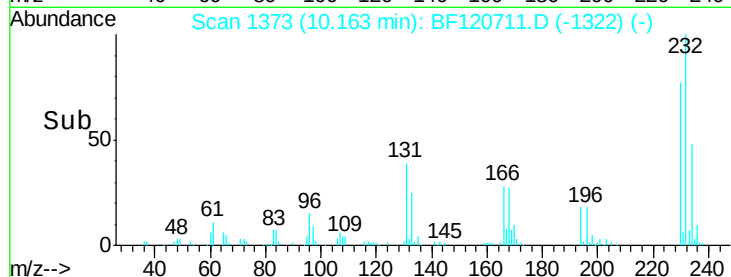
Tot Ion	Ratio	Resp	Lower	Upper
232	100	142674		
131	43.9		33.5	50.3
130	2.0		1.5	2.3
166	30.3		23.4	35.0

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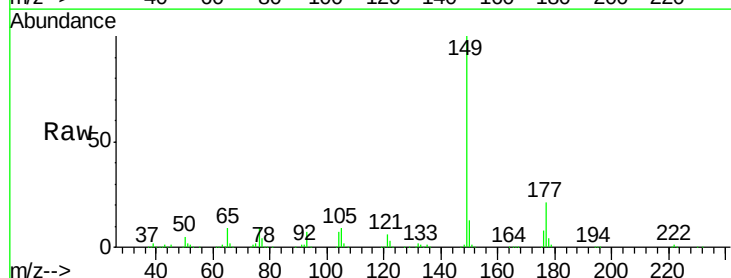


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

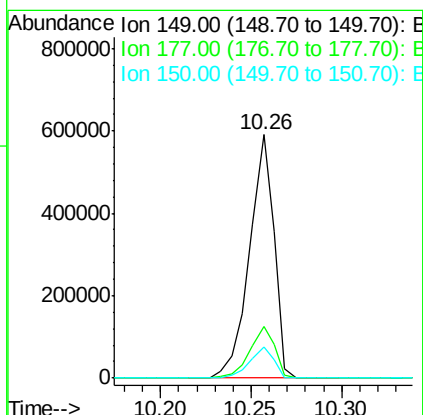
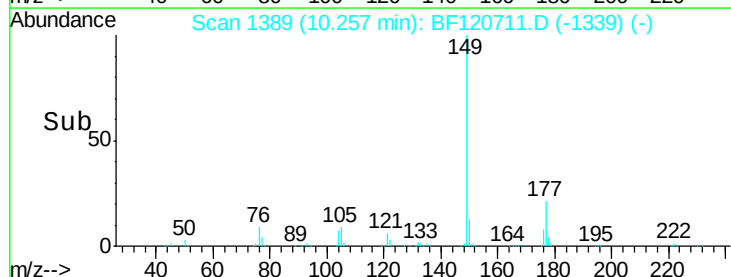


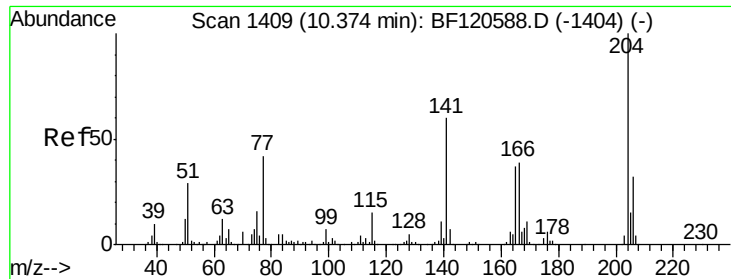
#60
Diethylphthalate
Concen: 54.314 ng
RT: 10.26 min Scan# 1389
Delta R.T. -0.01 min
Lab File: BF120711.D
Acq: 26 Jun 2020 16:19

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	554867		
177	21.3		17.3	25.9
150	12.7		10.3	15.5



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





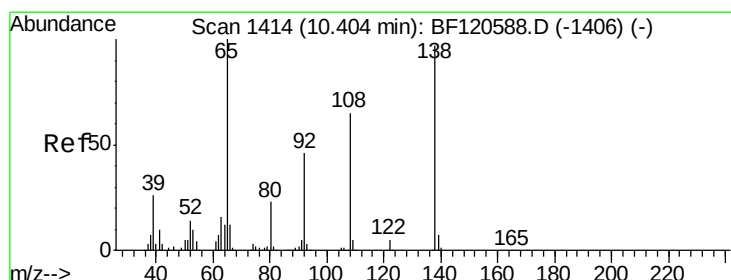
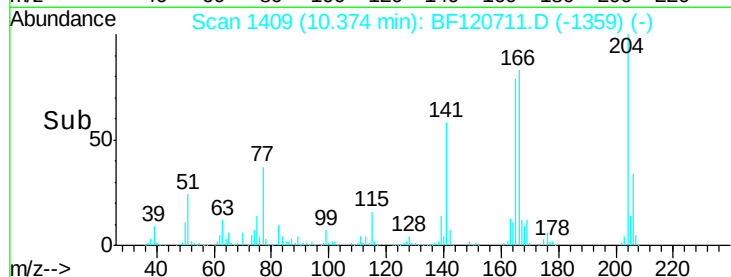
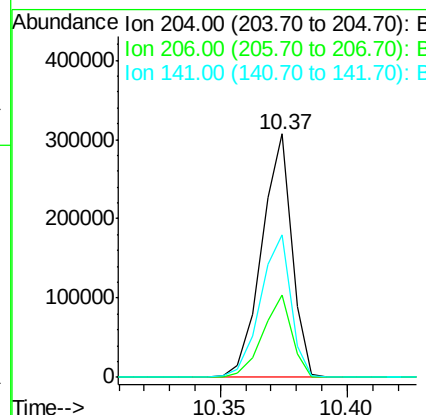
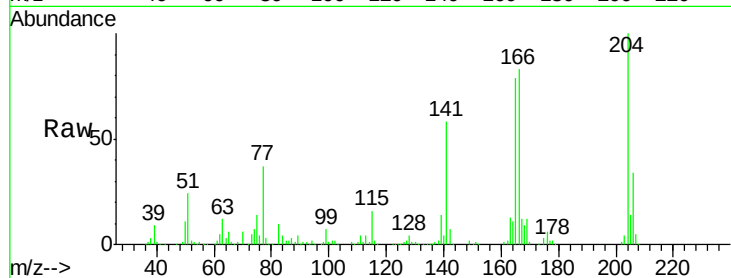
#61
4-Chlorophenyl-phenylether
Concen: 51.672 ng
RT: 10.37 min Scan# 1409
Delta R.T. -0.01 min
Lab File: BF120711.D
Acq: 26 Jun 2020 16:19

Instrument :
BNA_F
ClientSampleId :
NB-08-061620MSD

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.7	25.9	38.9
141	58.3	47.6	71.4

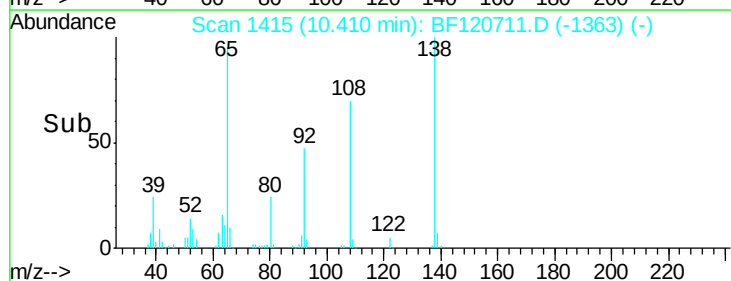
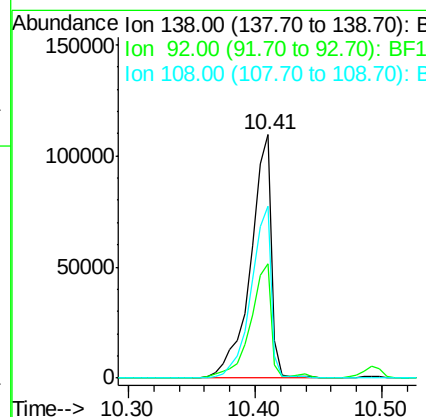
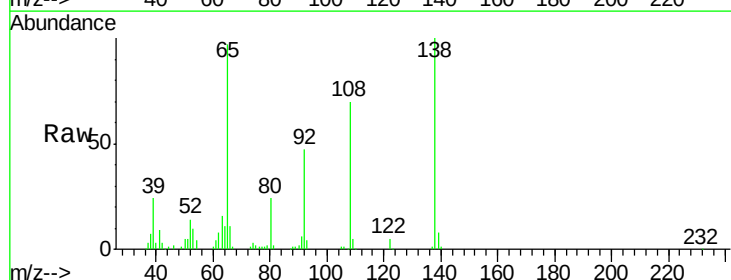
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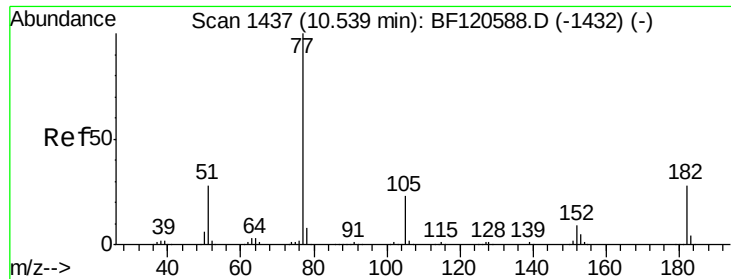
mohammad
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#62
4-Nitroaniline
Concen: 44.657 ng
RT: 10.41 min Scan# 1415
Delta R.T. 0.01 min
Lab File: BF120711.D
Acq: 26 Jun 2020 16:19

Tgt Ion	Ratio	Lower	Upper
138	100		
92	46.8	27.3	67.3
108	70.5	47.4	87.4





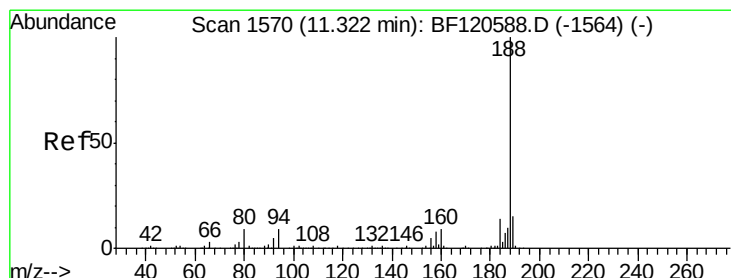
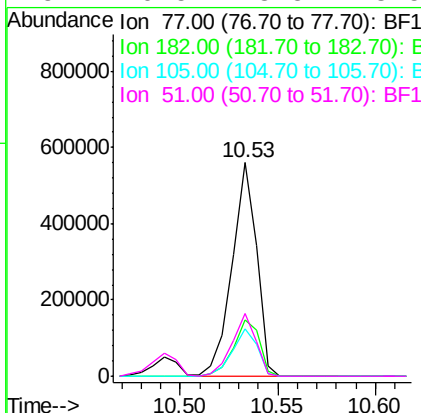
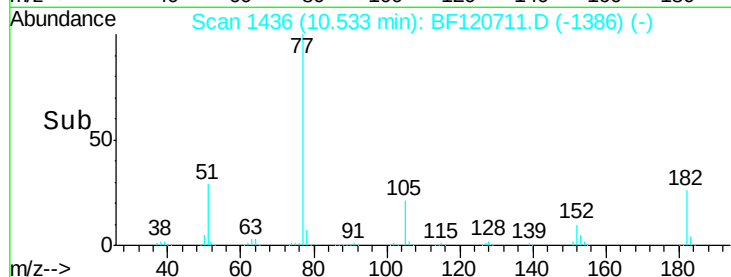
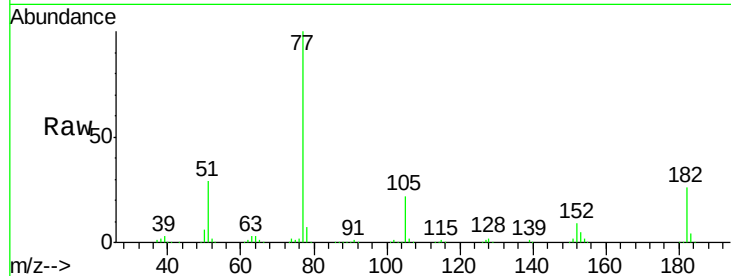
#63
Azobenzene
Concen: 52.800 ng
RT: 10.53 min Scan# 1436
Delta R.T. -0.01 min
Lab File: BF120711.D
Acq: 26 Jun 2020 16:19

Instrument :
BNA_F
ClientSampleId :
NB-08-061620MSD

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	26.2	7.7	47.7	
105	22.2	3.2	43.2	
51	29.5	8.5	48.5	

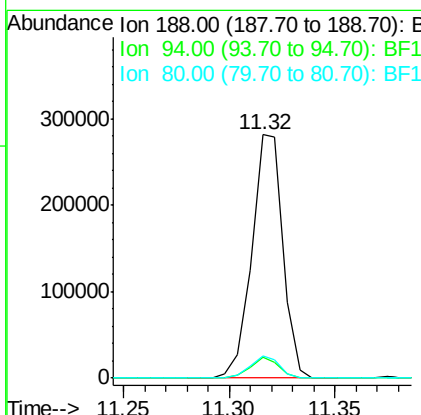
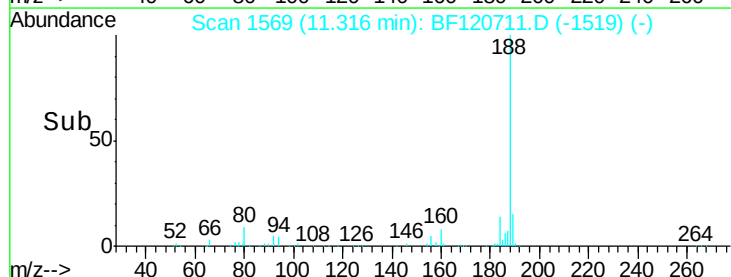
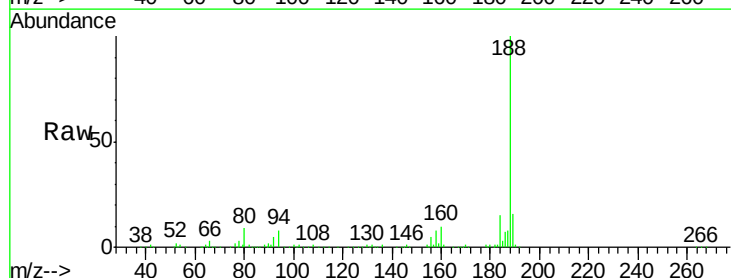
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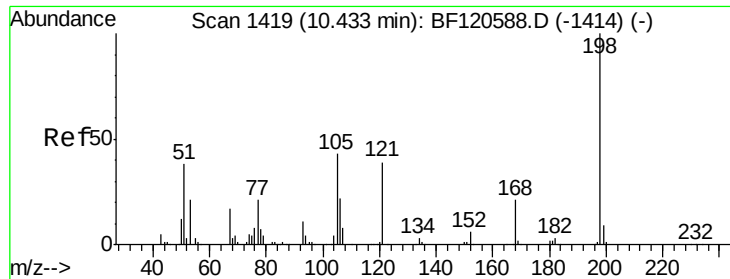
mohammad
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1569
Delta R.T. -0.01 min
Lab File: BF120711.D
Acq: 26 Jun 2020 16:19

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	8.4	7.2	10.8	
80	9.3	7.4	11.2	





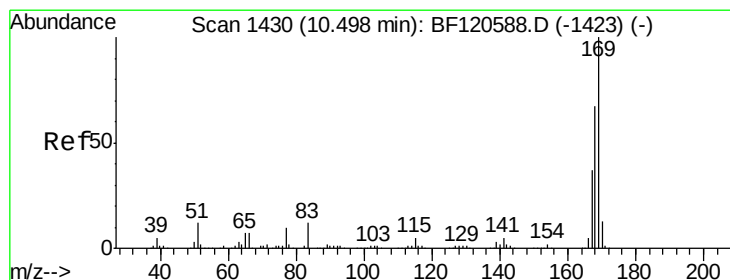
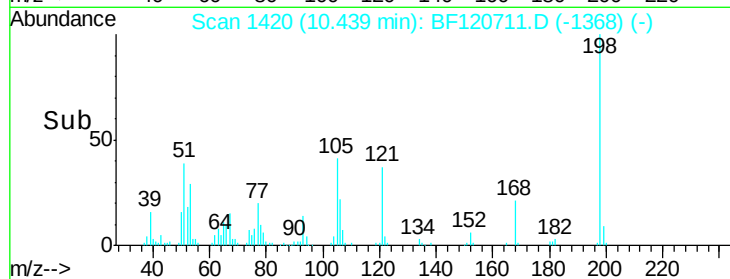
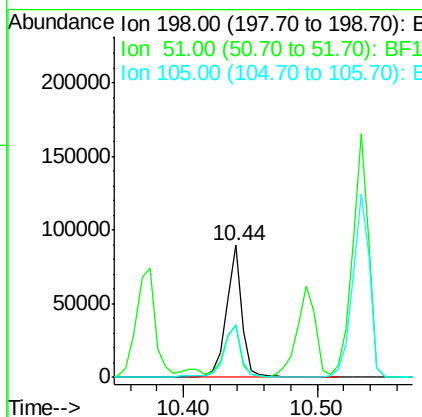
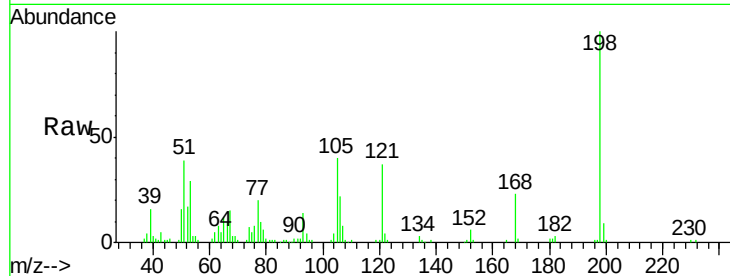
#65
4,6-Dinitro-2-methylphenol
Concen: 42.693 ng
RT: 10.44 min Scan# 1420
Delta R.T. 0.01 min
Lab File: BF120711.D
Acq: 26 Jun 2020 16:19

Instrument :
BNA_F
ClientSampleId :
NB-08-061620MSD

Tot Ion	Ratio	Lower	Upper
198	100		
51	38.8	24.8	64.8
105	40.3	23.9	63.9

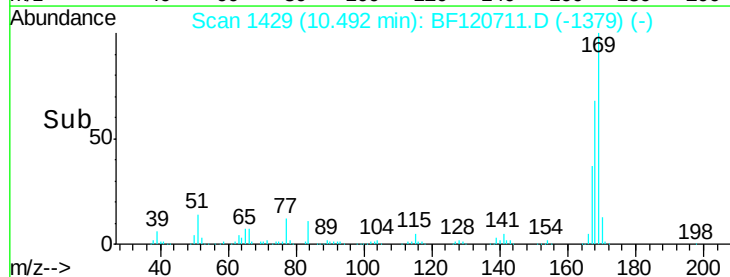
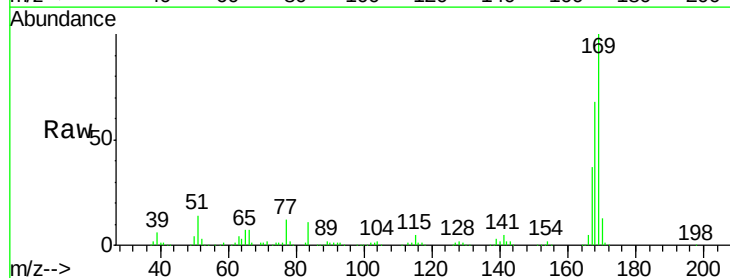
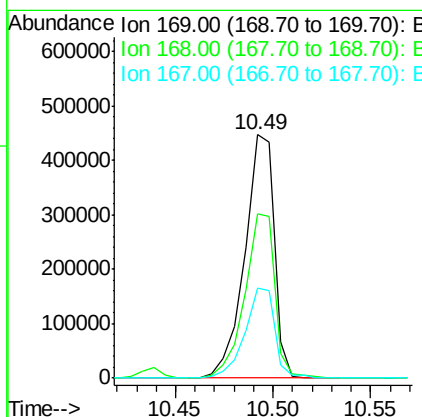
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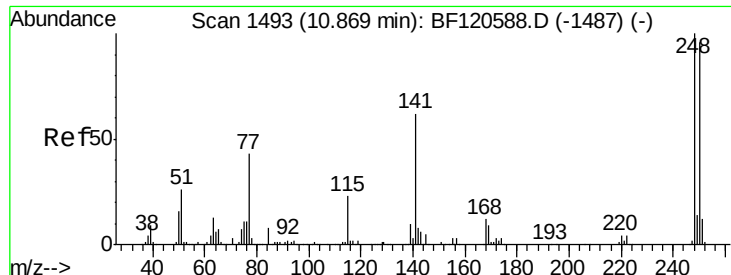
mohammad
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#66
n-Nitrosodiphenylamine
Concen: 52.900 ng
RT: 10.49 min Scan# 1429
Delta R.T. -0.01 min
Lab File: BF120711.D
Acq: 26 Jun 2020 16:19

Tgt Ion	Ratio	Lower	Upper
169	100		
168	67.7	53.7	80.5
167	36.8	29.9	44.9





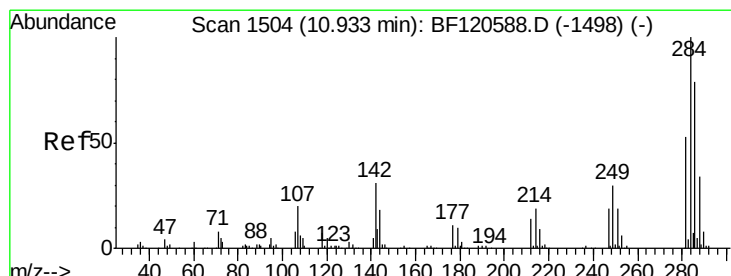
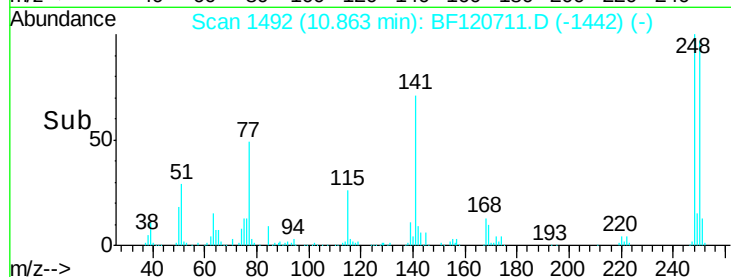
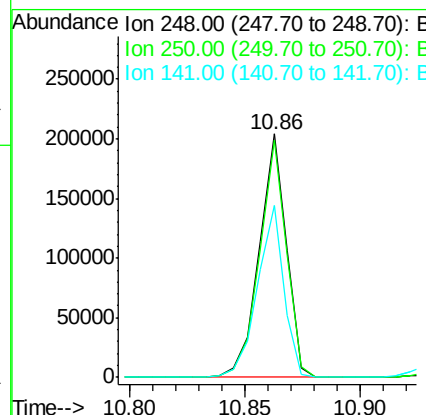
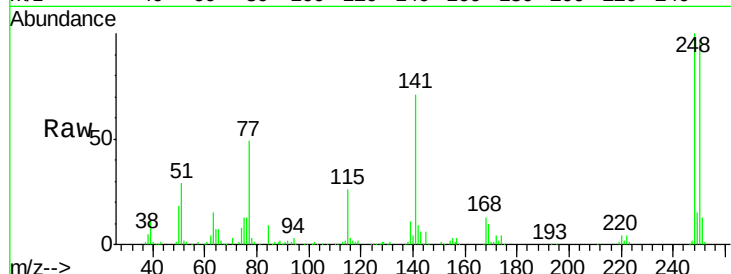
#67
4-Bromophenyl-phenylether
Concen: 51.167 ng
RT: 10.86 min Scan# 1492
Delta R.T. -0.01 min
Lab File: BF120711.D
Acq: 26 Jun 2020 16:19

Instrument :
BNA_F
ClientSampleId :
NB-08-061620MSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.3	76.7	115.1
141	70.5	49.4	74.0

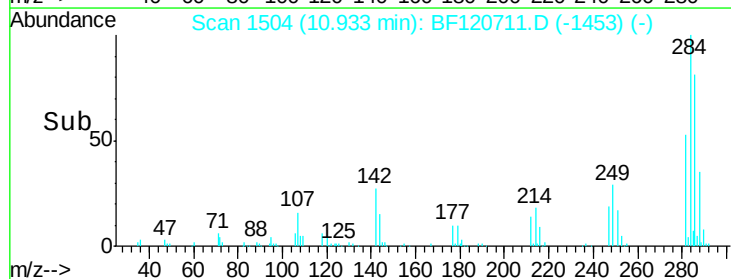
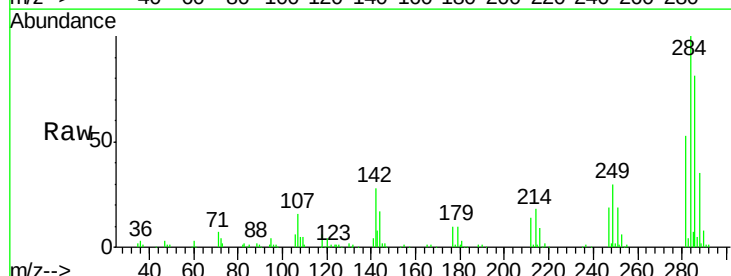
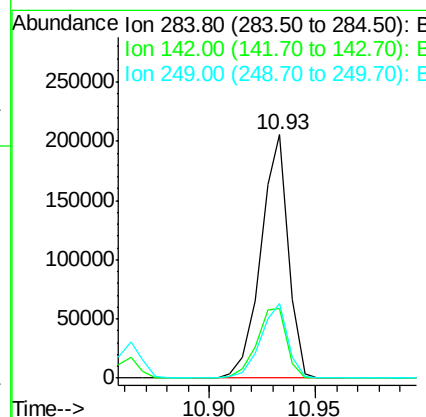
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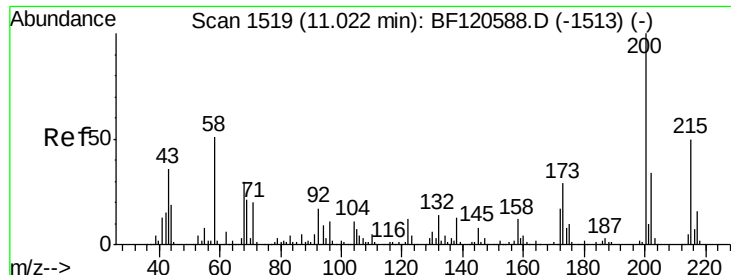
mohammad
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#68
Hexachlorobenzene
Concen: 52.642 ng
RT: 10.93 min Scan# 1504
Delta R.T. 0.00 min
Lab File: BF120711.D
Acq: 26 Jun 2020 16:19

Tgt Ion	Ratio	Lower	Upper
284	100		
142	28.3	25.1	37.7
249	30.4	24.0	36.0





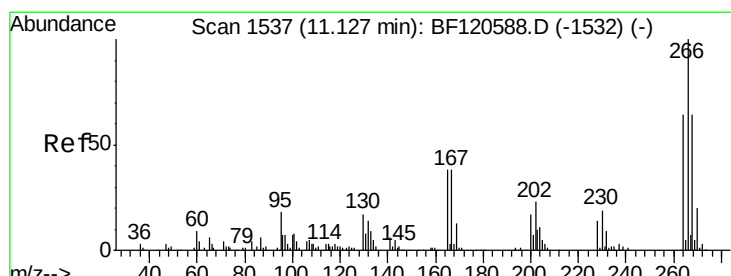
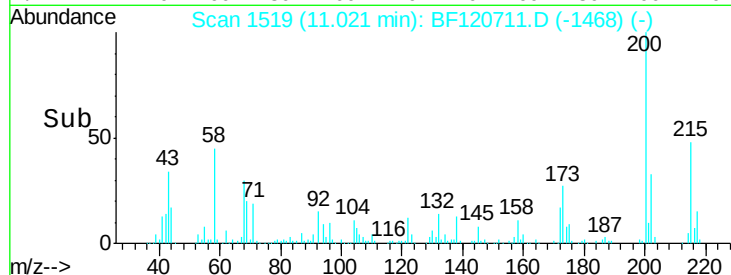
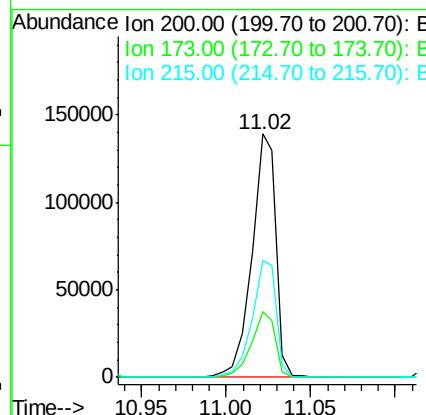
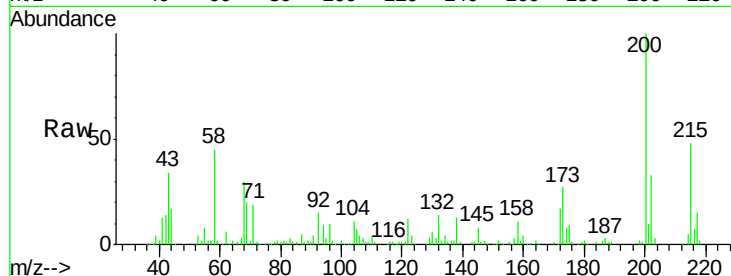
#69
Atrazine
Concen: 50.296 ng
RT: 11.02 min Scan# 1519
Delta R.T. 0.00 min
Lab File: BF120711.D
Acq: 26 Jun 2020 16:19

Instrument :
BNA_F
ClientSampleId :
NB-08-061620MSD

Tot Ion	Ratio	Lower	Upper
200	100		
173	27.0	9.1	49.1
215	47.9	29.8	69.8

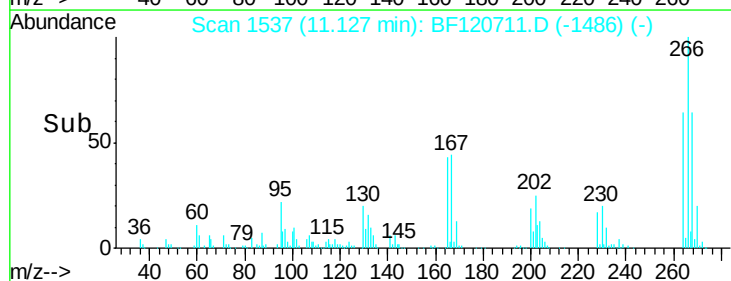
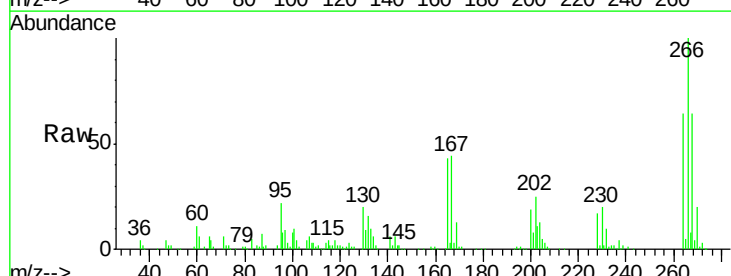
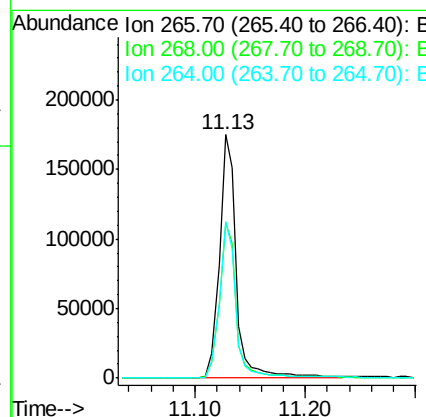
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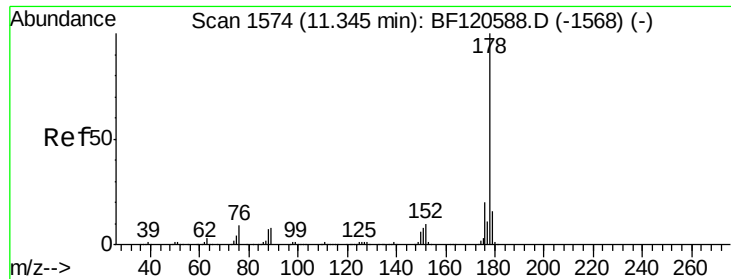
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#70
Pentachlorophenol
Concen: 94.109 ng
RT: 11.13 min Scan# 1537
Delta R.T. 0.00 min
Lab File: BF120711.D
Acq: 26 Jun 2020 16:19

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.6	51.4	77.0
264	64.1	50.8	76.2





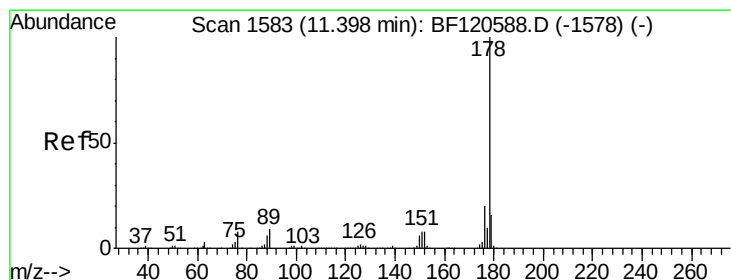
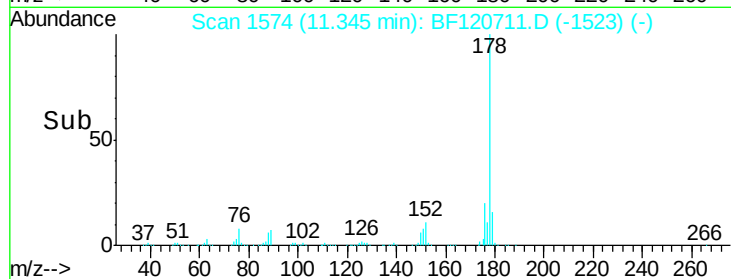
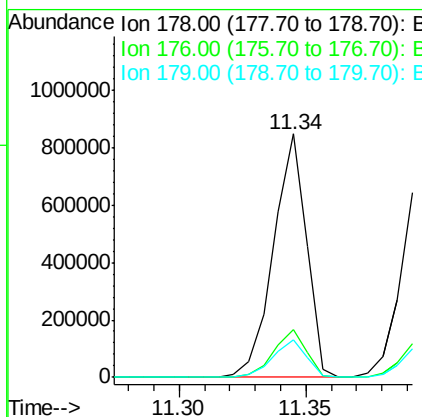
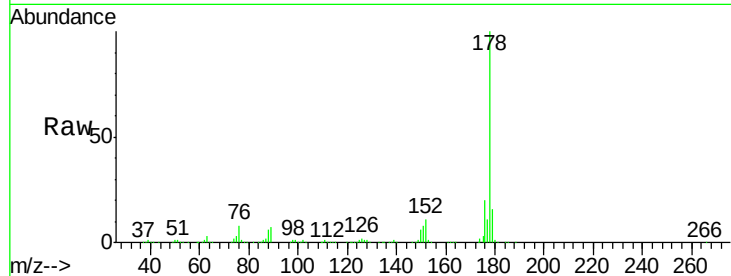
#71
Phenanthrene
Concen: 53.919 ng
RT: 11.34 min Scan# 1574
Delta R.T. 0.00 min
Lab File: BF120711.D
Acq: 26 Jun 2020 16:19

Instrument :
BNA_F
ClientSampleId :
NB-08-061620MSD

Tot Ion:178	Resp:	775101
Ion Ratio	Lower	Upper
178	100	
176	19.6	15.9 23.9
179	15.6	12.8 19.2

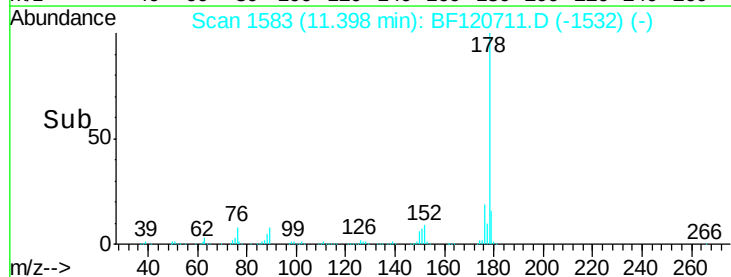
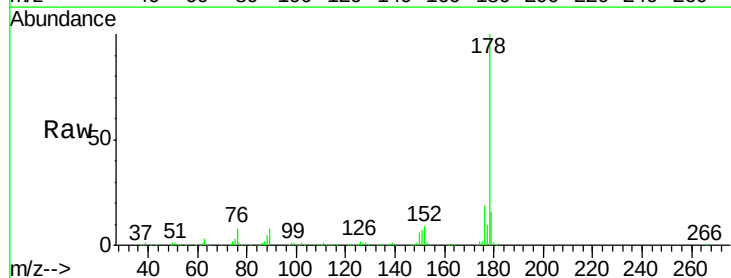
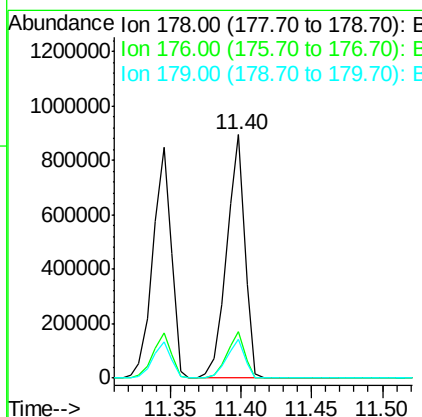
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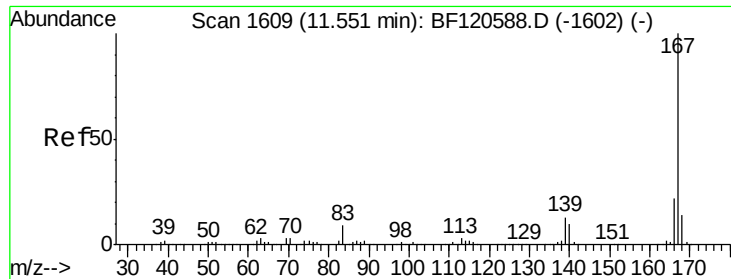
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#72
Anthracene
Concen: 55.204 ng
RT: 11.40 min Scan# 1583
Delta R.T. 0.00 min
Lab File: BF120711.D
Acq: 26 Jun 2020 16:19

Tgt Ion:178	Resp:	799903
Ion Ratio	Lower	Upper
178	100	
176	18.9	15.6 23.4
179	15.8	12.9 19.3





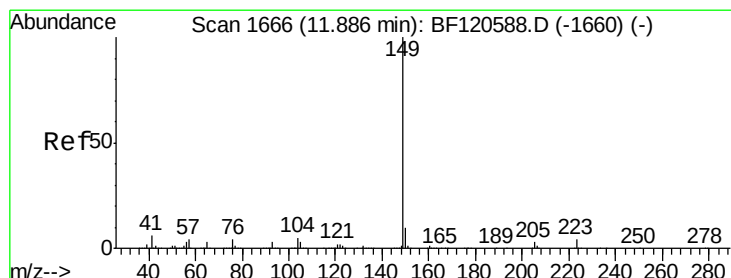
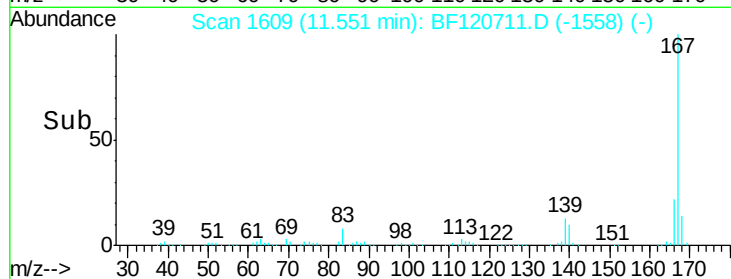
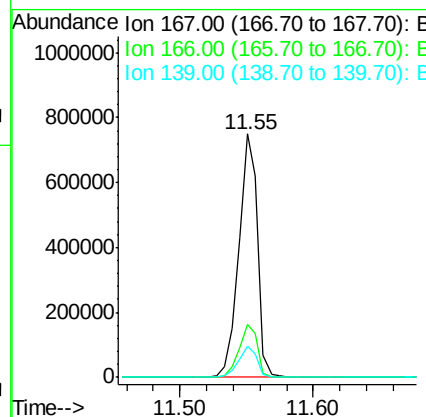
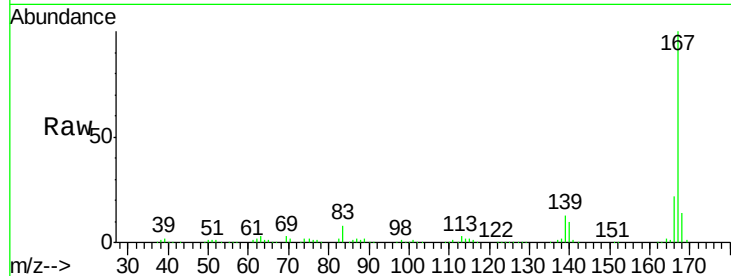
#73
 Carbazole
 Concen: 51.215 ng
 RT: 11.55 min Scan# 1609
 Delta R.T. 0.00 min
 Lab File: BF120711.D
 Acq: 26 Jun 2020 16:19

Instrument :
 BNA_F
 ClientSampleId :
 NB-08-061620MSD

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.7	17.2	25.8
139	12.8	10.1	15.1

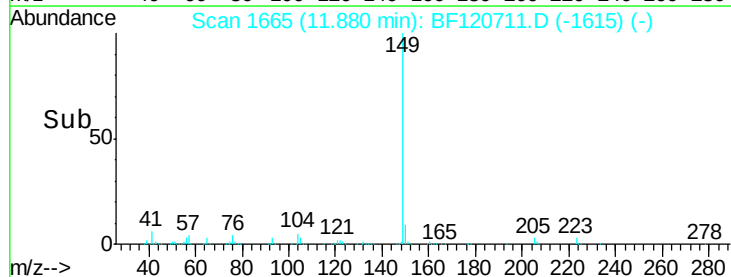
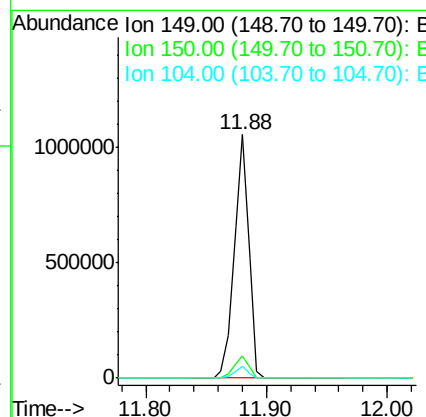
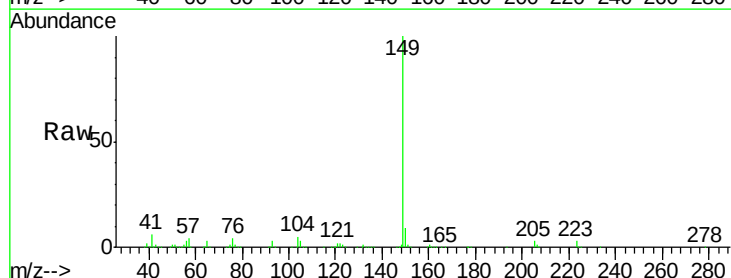
Manual Integrations
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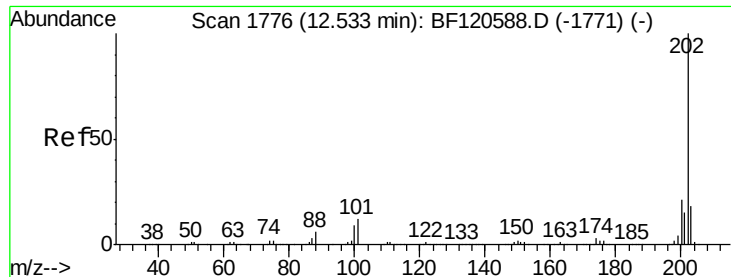
mohammad
 6/29/2020 3:18:31 PM



#74
 Di-n-butylphthalate
 Concen: 54.403 ng
 RT: 11.88 min Scan# 1665
 Delta R.T. -0.01 min
 Lab File: BF120711.D
 Acq: 26 Jun 2020 16:19

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.4	7.7	11.5
104	4.7	3.7	5.5





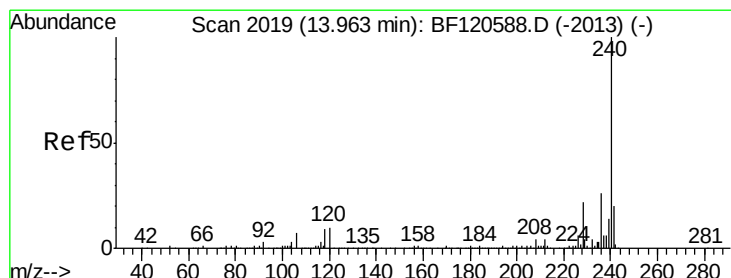
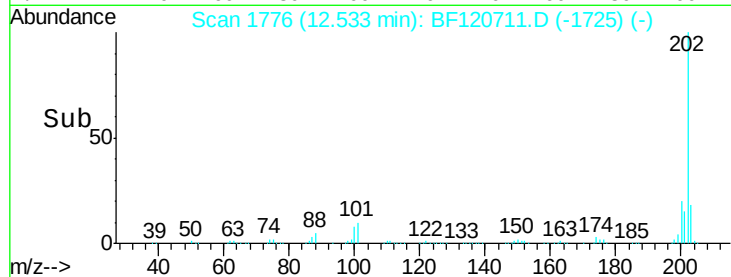
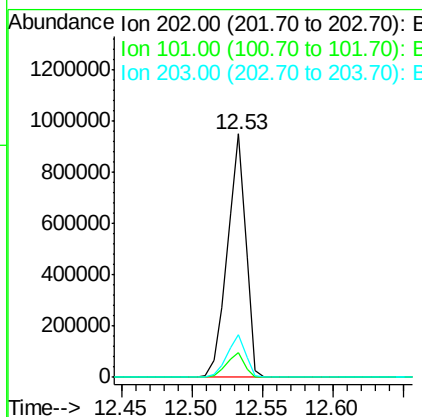
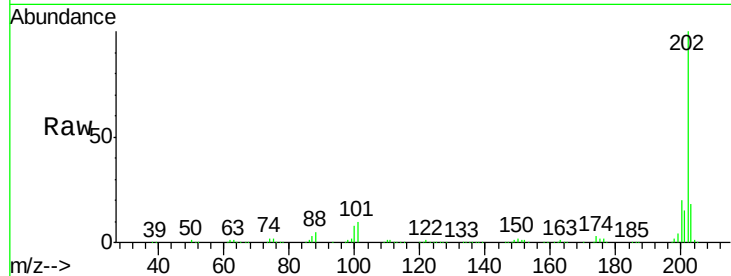
#75
Fluoranthene
Concen: 52.321 ng
RT: 12.53 min Scan# 1776
Delta R.T. 0.00 min
Lab File: BF120711.D
Acq: 26 Jun 2020 16:19

Instrument :
BNA_F
ClientSampleId :
NB-08-061620MSD

Tot Ion	Ratio	Resp	Lower	Upper
202	100	859929		
101	10.4	0.0	32.0	
203	17.6	0.0	38.3	

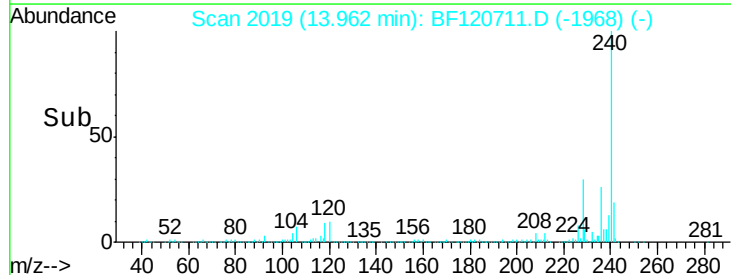
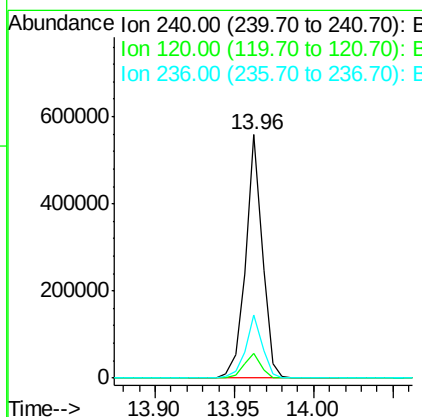
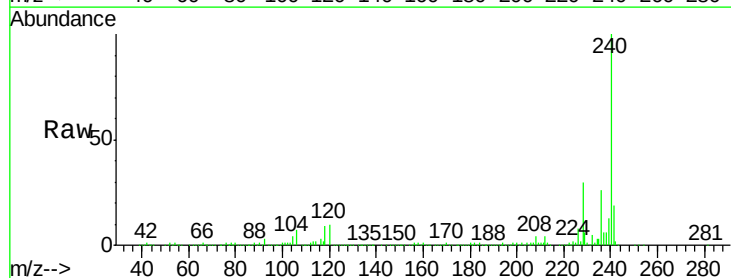
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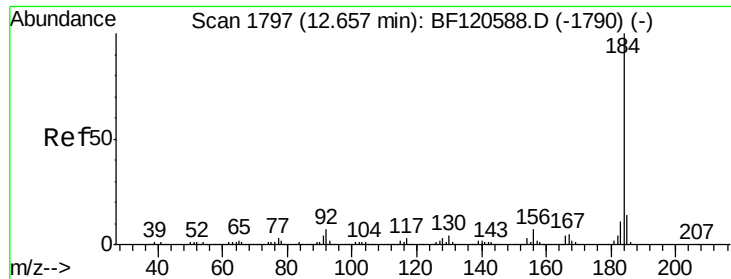
mohammad
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#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.96 min Scan# 2019
Delta R.T. 0.00 min
Lab File: BF120711.D
Acq: 26 Jun 2020 16:19

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	407004		
120	10.4	8.3	12.5	
236	25.8	21.0	31.4	





#77

Benzidine

Concen: 16.644 ng

RT: 12.65 min Scan# 1796

Delta R.T. -0.01 min

Lab File: BF120711.D

Acq: 26 Jun 2020 16:19

Instrument :

BNA_F

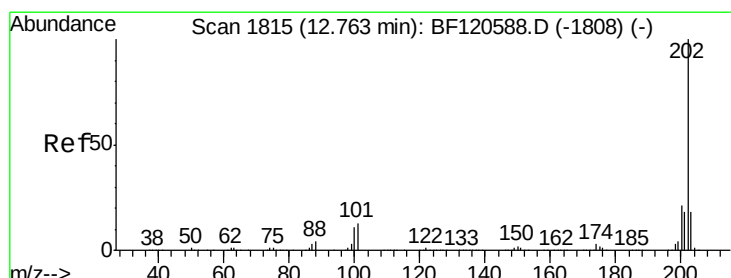
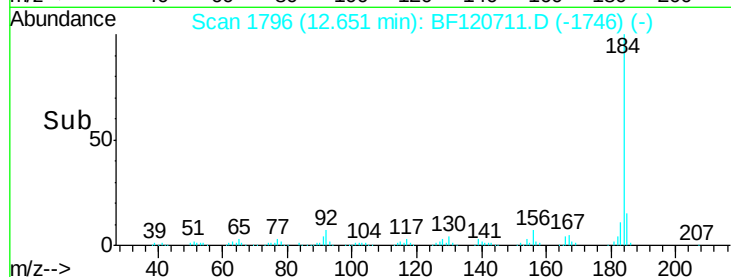
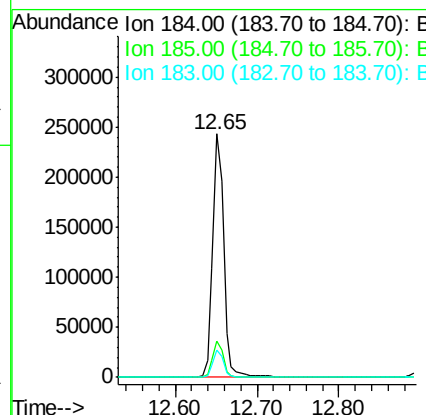
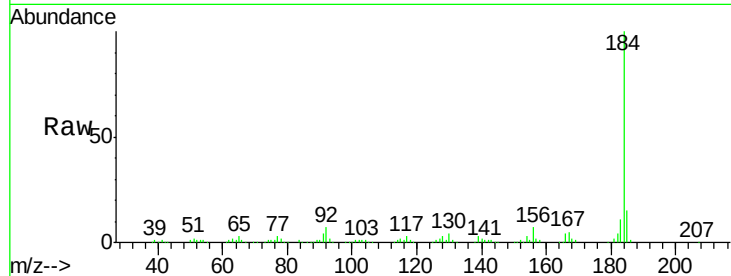
ClientSampleId :

NB-08-061620MSD

Tot Ion:	184	Resp:	229104
Ion Ratio	Lower	Upper	
184	100		
185	14.7	11.4	17.0
183	11.0	9.0	13.6

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#78

Pyrene

Concen: 30.295 ng

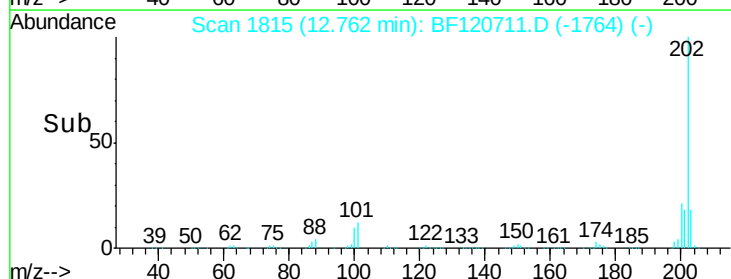
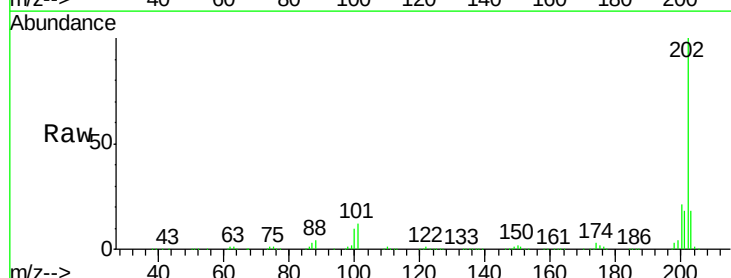
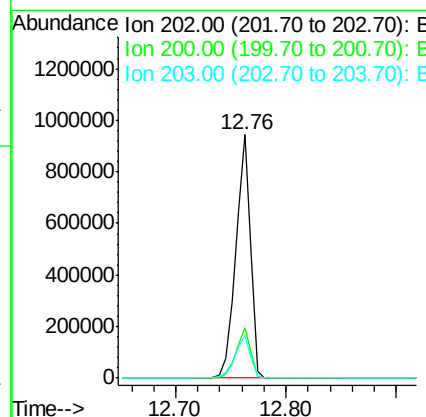
RT: 12.76 min Scan# 1815

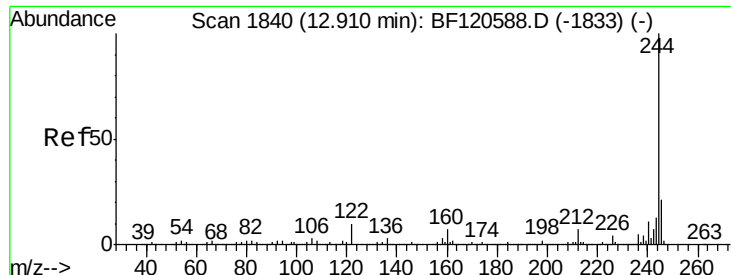
Delta R.T. 0.00 min

Lab File: BF120711.D

Acq: 26 Jun 2020 16:19

Tgt Ion:	202	Resp:	873484
Ion Ratio	Lower	Upper	
202	100		
200	20.8	16.8	25.2
203	17.5	14.3	21.5





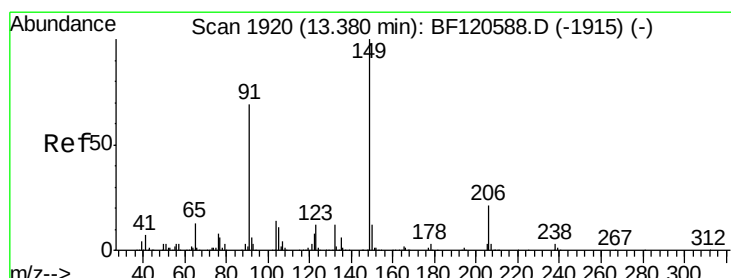
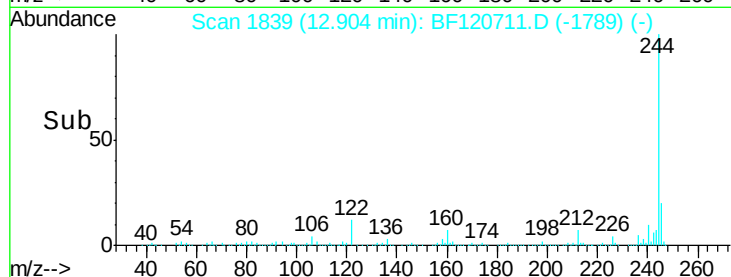
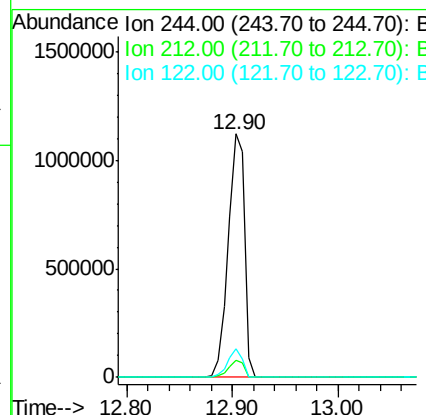
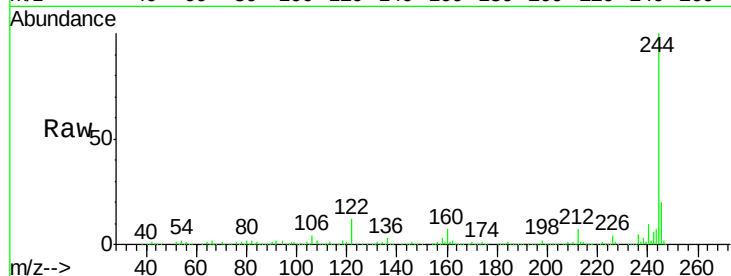
#79
 Terphenyl-d14
 Concen: 65.425 ng
 RT: 12.90 min Scan# 1839
 Delta R.T. -0.01 min
 Lab File: BF120711.D
 Acq: 26 Jun 2020 16:19

Instrument :
 BNA_F
 ClientSampleId :
 NB-08-061620MSD

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.7	8.5
122	11.6	8.3	12.5

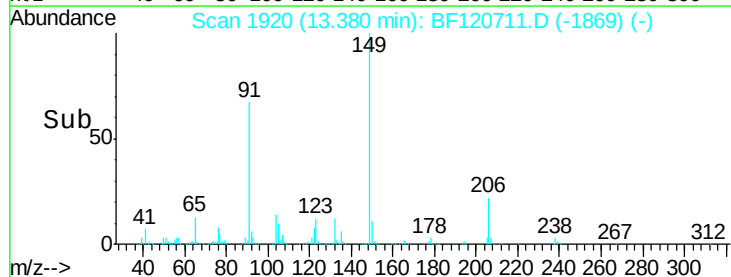
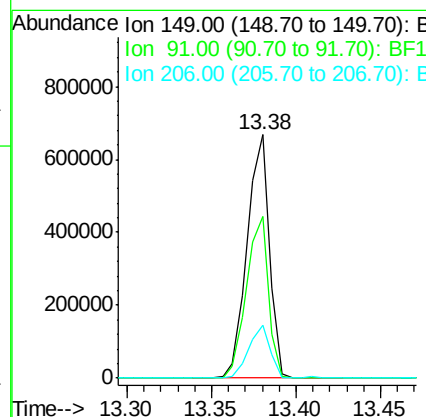
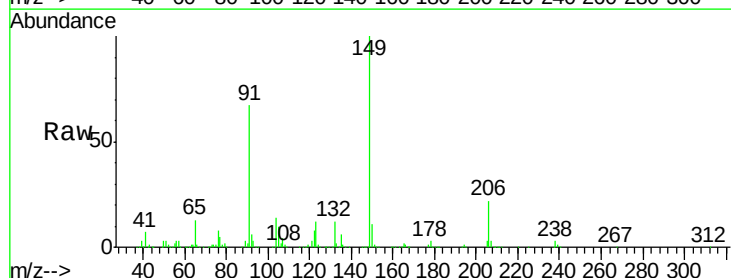
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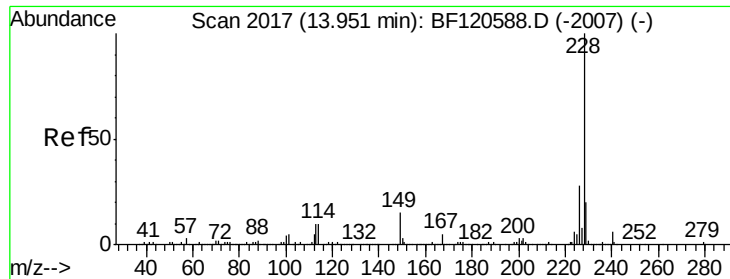
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#80
 Butylbenzylphthalate
 Concen: 47.994 ng
 RT: 13.38 min Scan# 1920
 Delta R.T. 0.00 min
 Lab File: BF120711.D
 Acq: 26 Jun 2020 16:19

Tgt Ion	Ratio	Lower	Upper
149	100		
91	66.5	55.4	83.0
206	21.6	17.0	25.4





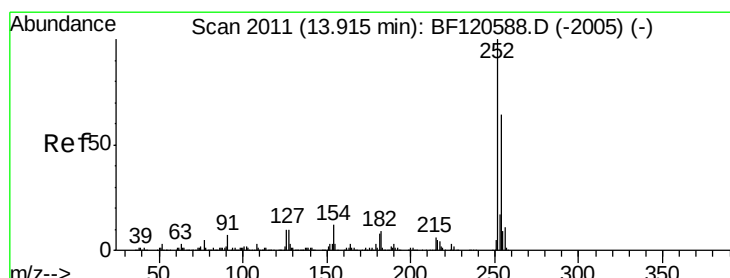
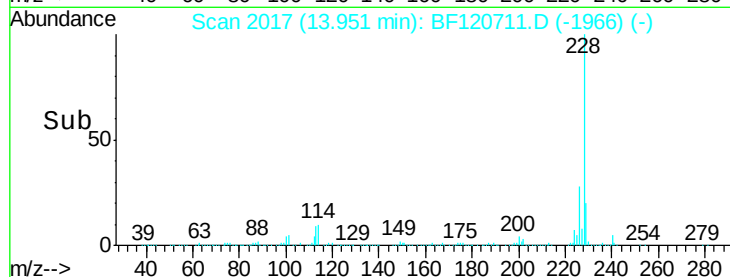
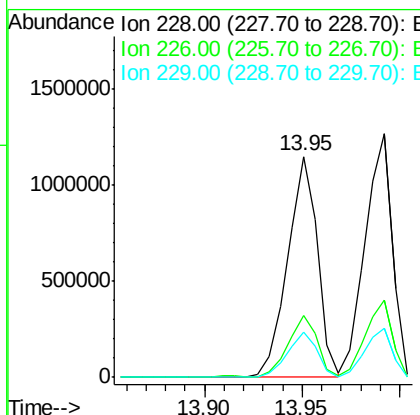
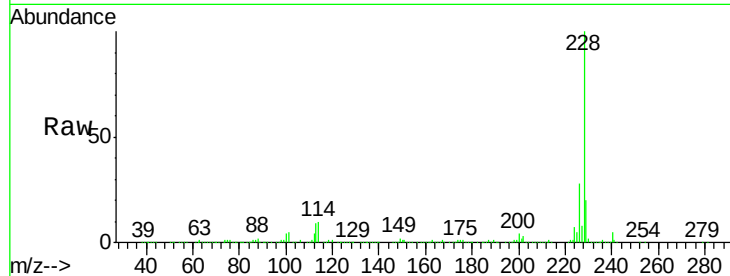
#81
Benzo(a)anthracene
Concen: 49.604 ng
RT: 13.95 min Scan# 2017
Delta R.T. 0.00 min
Lab File: BF120711.D
Acq: 26 Jun 2020 16:19

Instrument :
BNA_F
ClientSampleId :
NB-08-061620MSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.2	22.5	33.7
229	20.5	16.1	24.1

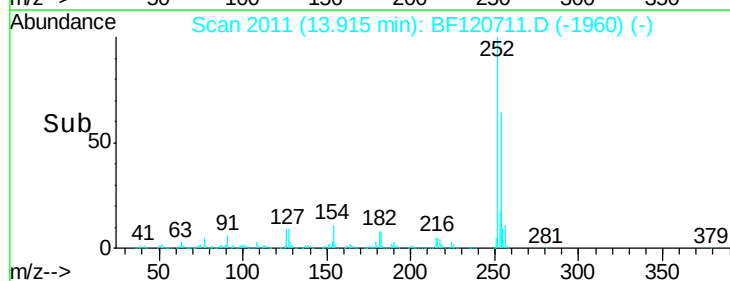
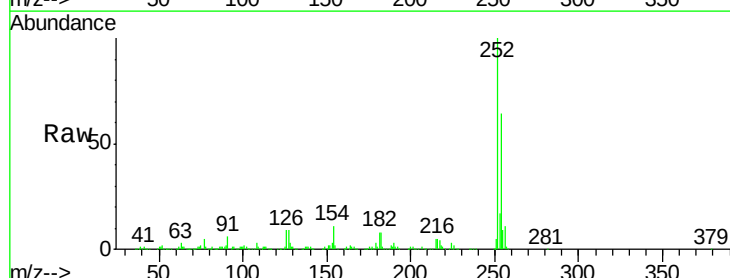
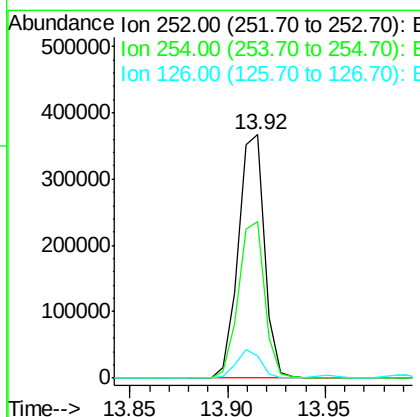
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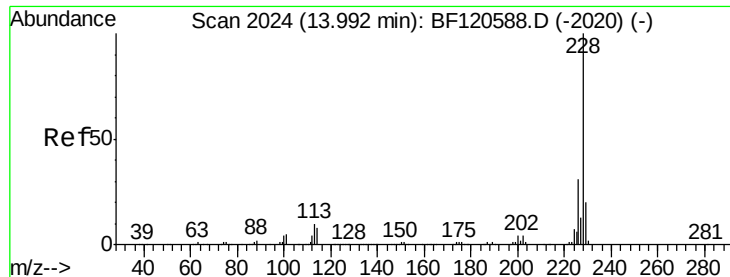
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#82
3,3'-Dichlorobenzidine
Concen: 36.698 ng
RT: 13.92 min Scan# 2011
Delta R.T. 0.00 min
Lab File: BF120711.D
Acq: 26 Jun 2020 16:19

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.2	51.4	77.2
126	9.0	7.9	11.9





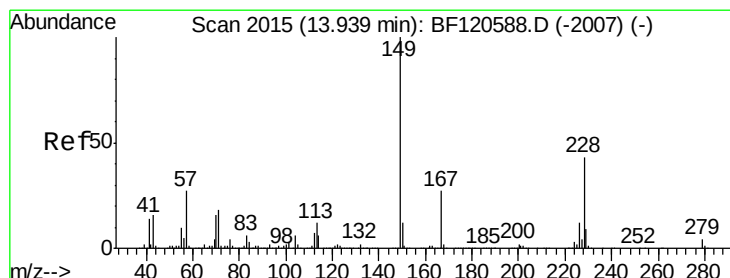
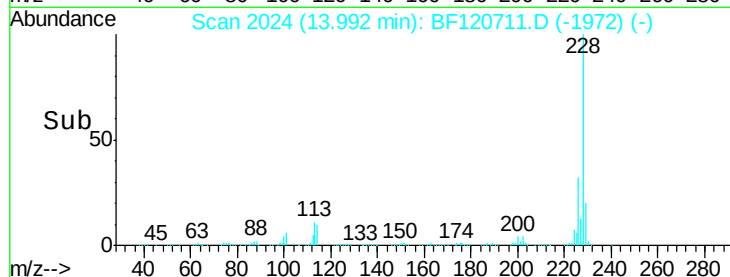
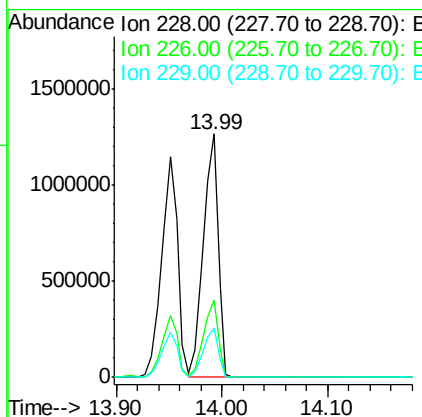
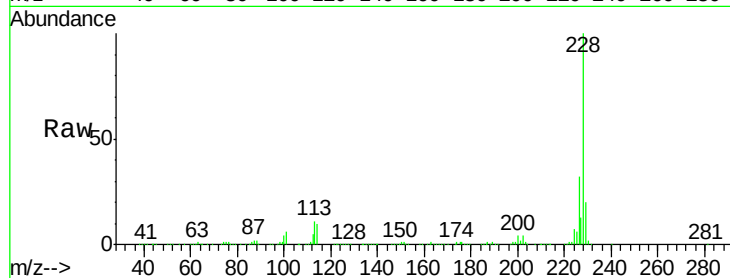
#83
 Chrysene
 Concen: 48.846 ng
 RT: 13.99 min Scan# 2024
 Delta R.T. 0.01 min
 Lab File: BF120711.D
 Acq: 26 Jun 2020 16:19

Instrument :
 BNA_F
 ClientSampleId :
 NB-08-061620MSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.7	24.9	37.3
229	20.4	16.1	24.1

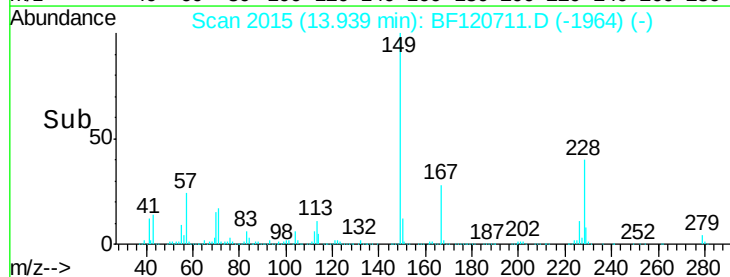
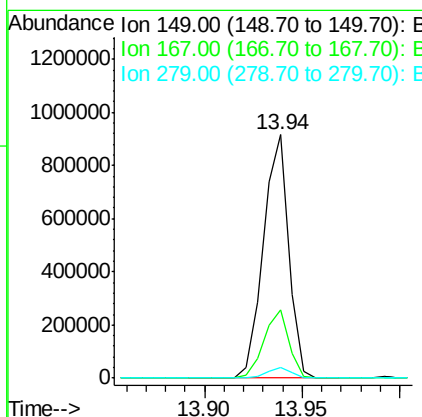
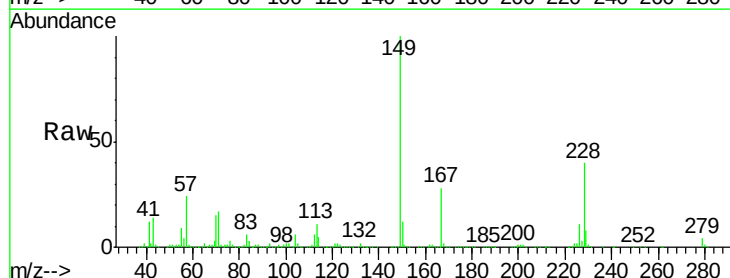
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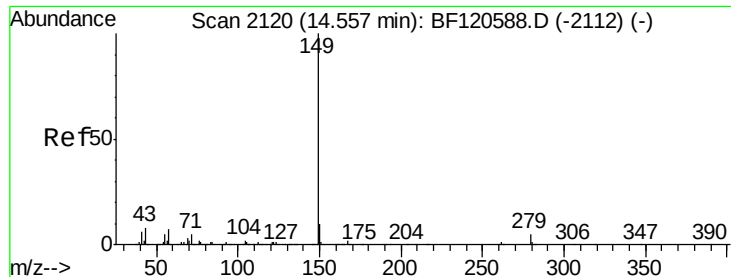
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 52.511 ng
 RT: 13.94 min Scan# 2015
 Delta R.T. 0.00 min
 Lab File: BF120711.D
 Acq: 26 Jun 2020 16:19

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.0	22.0	33.0
279	4.5	3.0	4.6





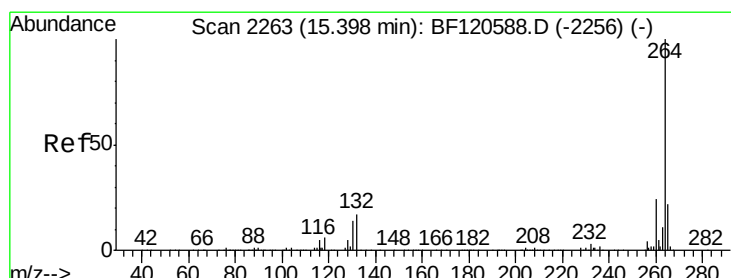
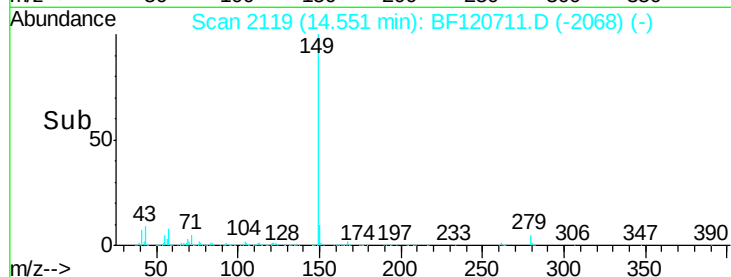
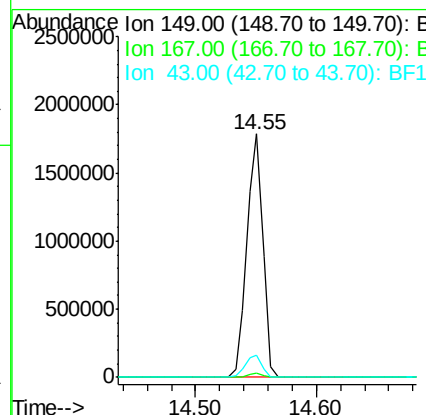
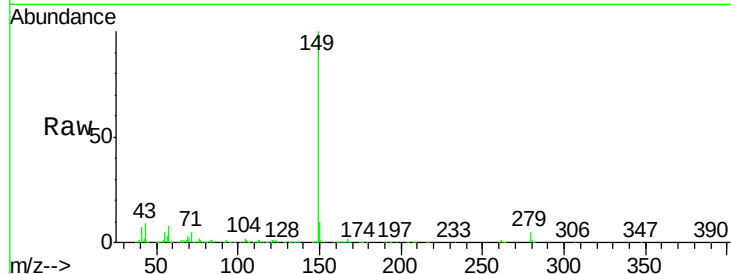
#85
Di-n-octyl phthalate
Concen: 55.567 ng
RT: 14.55 min Scan# 2119
Delta R.T. 0.00 min
Lab File: BF120711.D
Acq: 26 Jun 2020 16:19

Instrument :
BNA_F
ClientSampleId :
NB-08-061620MSD

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	9.2	7.6	11.4

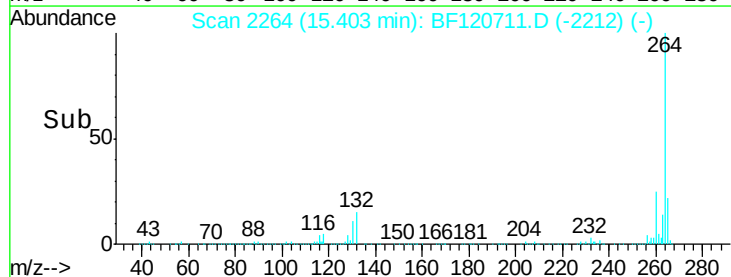
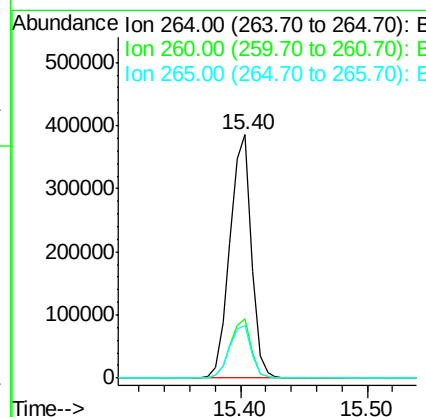
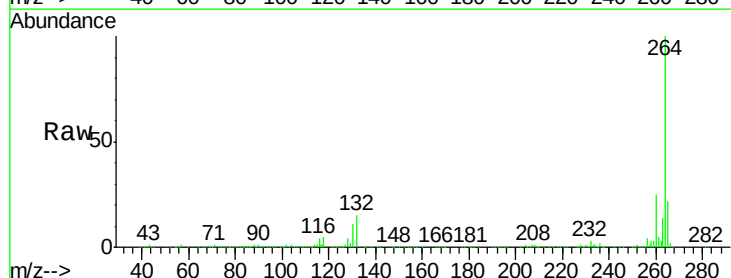
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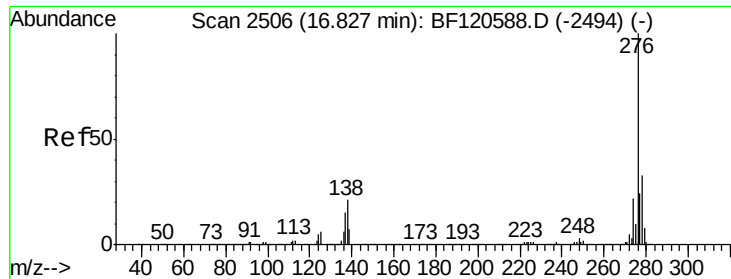
mohammad
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#86
Perylene-d12
Concen: 20.000 ng
RT: 15.40 min Scan# 2264
Delta R.T. 0.01 min
Lab File: BF120711.D
Acq: 26 Jun 2020 16:19

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.3	28.9
265	21.6	17.8	26.8





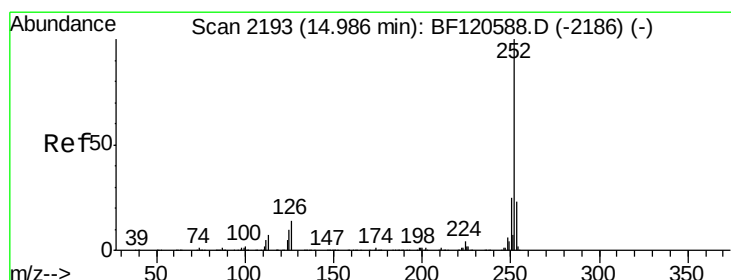
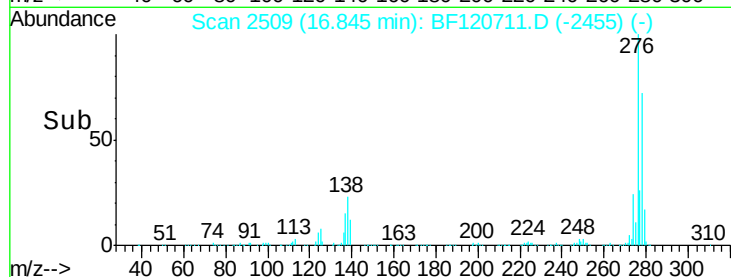
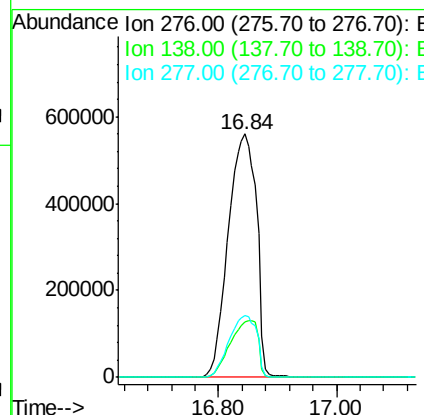
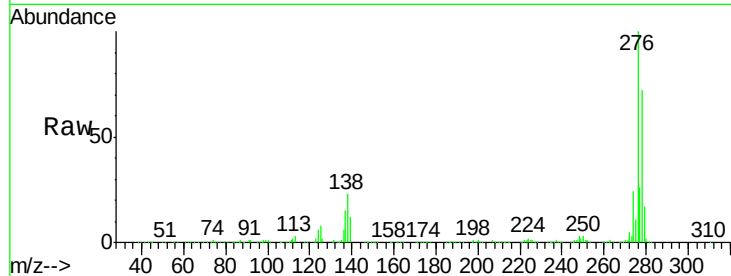
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 68.420 ng
 RT: 16.84 min Scan# 2509
 Delta R.T. 0.02 min
 Lab File: BF120711.D
 Acq: 26 Jun 2020 16:19

Instrument :
 BNA_F
 ClientSampleId :
 NB-08-061620MSD

Tot Ion	Ratio	Lower	Upper
276	100		
138	23.2	18.9	28.3
277	25.3	20.2	30.2

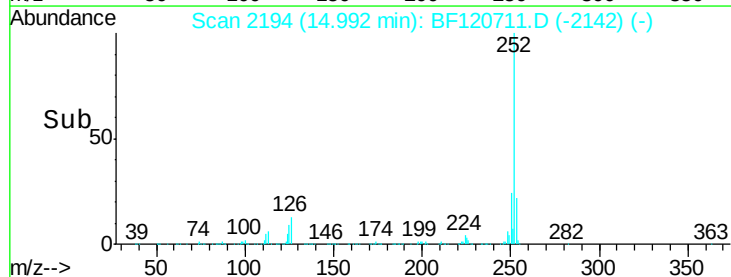
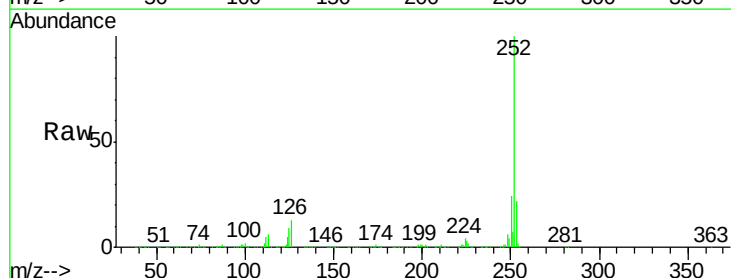
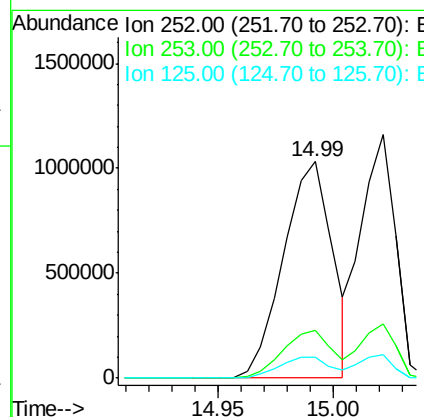
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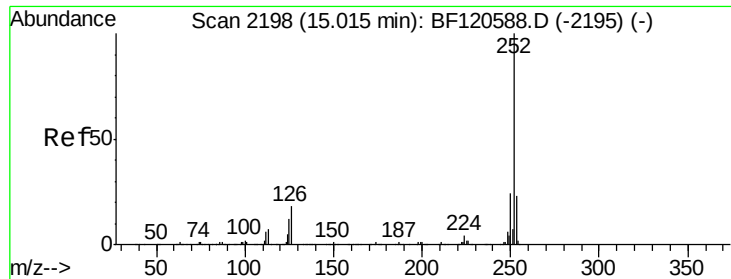
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#88
 Benzo(b)fluoranthene
 Concen: 56.740 ng
 RT: 14.99 min Scan# 2194
 Delta R.T. 0.01 min
 Lab File: BF120711.D
 Acq: 26 Jun 2020 16:19

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.1	27.1
125	9.4	8.3	12.5





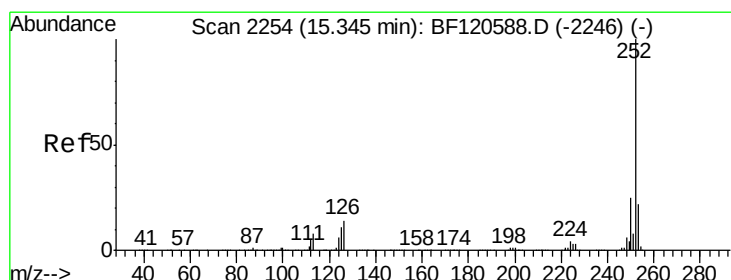
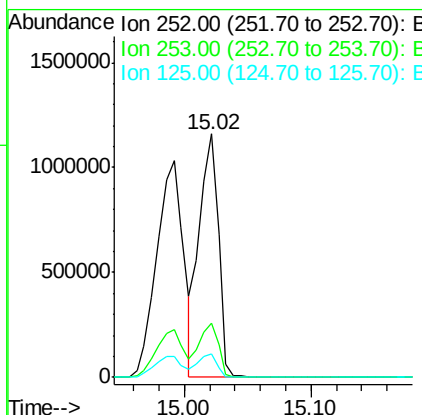
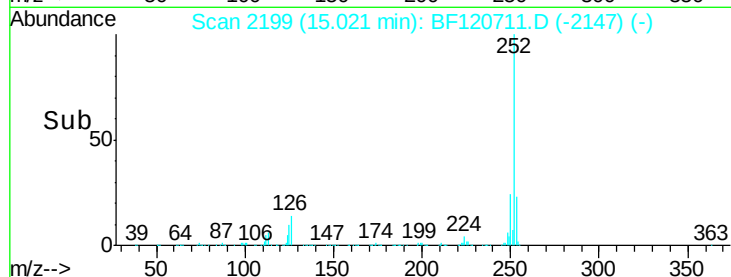
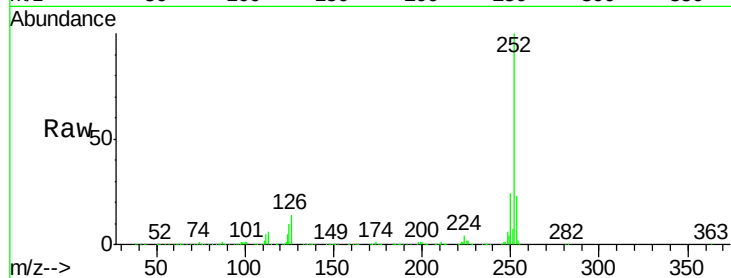
#89
Benzo(k)fluoranthene
Concen: 51.074 ng
RT: 15.02 min Scan# 2199
Delta R.T. 0.01 min
Lab File: BF120711.D
Acq: 26 Jun 2020 16:19

Instrument :
BNA_F
ClientSampleId :
NB-08-061620MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.0	27.0
125	9.8	8.3	12.5

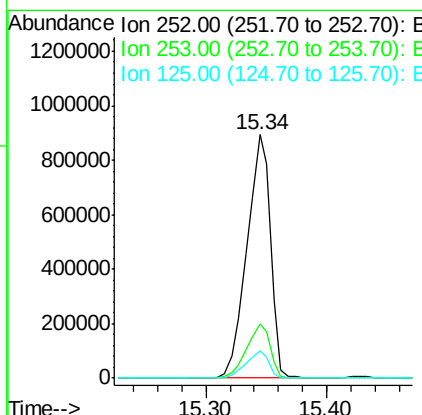
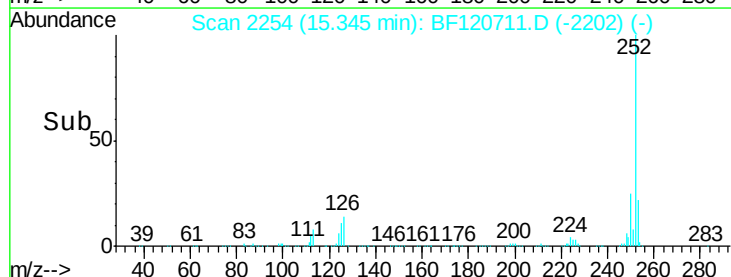
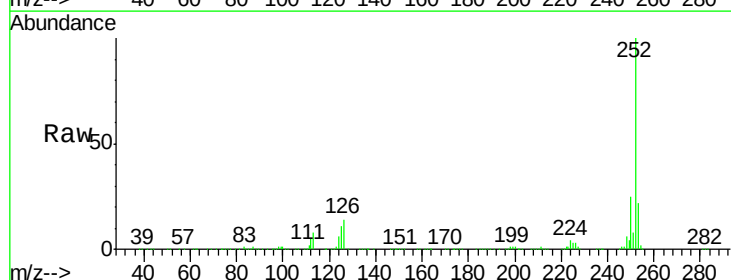
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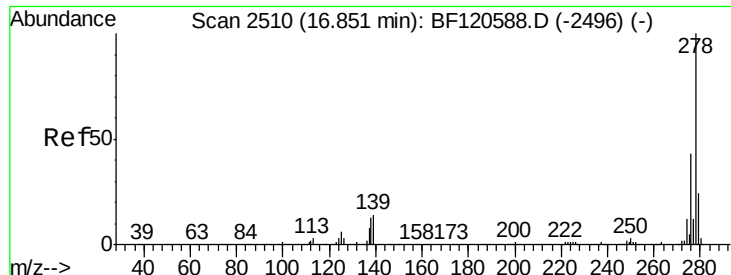
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#90
Benzo(a)pyrene
Concen: 51.032 ng
RT: 15.34 min Scan# 2254
Delta R.T. 0.01 min
Lab File: BF120711.D
Acq: 26 Jun 2020 16:19

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.8	26.8
125	11.1	8.6	12.8





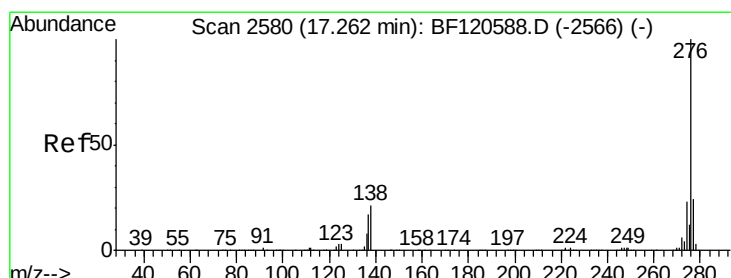
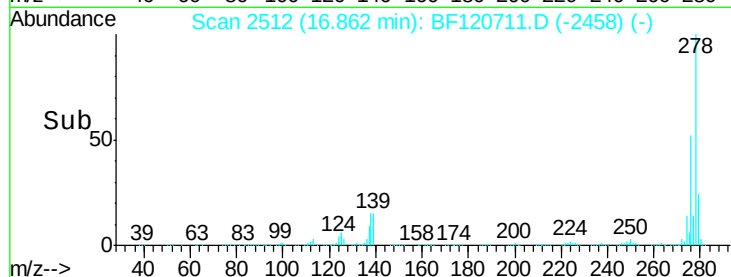
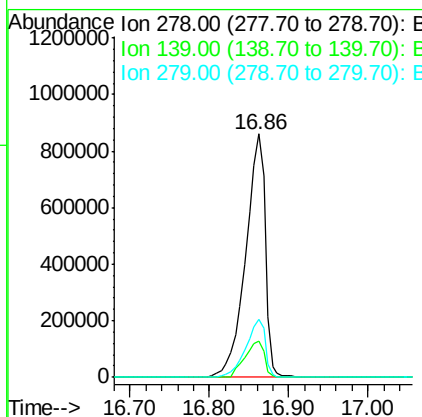
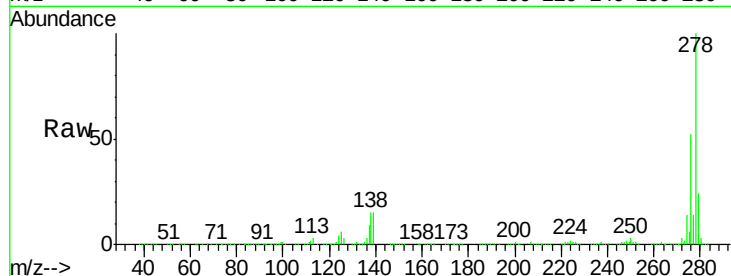
#91
Dibenzo(a,h)anthracene
Concen: 67.670 ng
RT: 16.86 min Scan# 2512
Delta R.T. 0.02 min
Lab File: BF120711.D
Acq: 26 Jun 2020 16:19

Instrument :
BNA_F
ClientSampleId :
NB-08-061620MSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	15.0	11.4	17.2
279	24.1	19.1	28.7

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#92
Benzo(g,h,i)perylene
Concen: 71.198 ng
RT: 17.28 min Scan# 2583
Delta R.T. 0.02 min
Lab File: BF120711.D
Acq: 26 Jun 2020 16:19

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.0	19.6	29.4
138	20.5	16.5	24.7

