

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062620\
 Data File : BF120712.D
 Acq On : 26 Jun 2020 16:47
 Operator : JU/CG
 Sample : PB129807BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB129807BS

Manual Integrations
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 6/29/2020 3:18:33 PM

Quant Time: Jun 26 18:40:48 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	142660	20.00	ng	-0.01
21) Naphthalene-d8	8.07	136	542524	20.00	ng	-0.01
39) Acenaphthene-d10	9.83	164	284077	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	538697	20.00	ng	0.00
76) Chrysene-d12	13.96	240	245098	20.00	ng	0.00
86) Perylene-d12	15.40	264	263867	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	938056	112.73	ng	0.00
7) Phenol-d6	6.43	99	1162151	112.14	ng	0.00
23) Nitrobenzene-d5	7.36	82	743369	76.59	ng	-0.01
42) 2,4,6-Tribromophenol	10.62	330	366825	111.07	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	1430457	77.04	ng	-0.01
79) Terphenyl-d14	12.90	244	1012161	91.22	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.54	88	133084	33.745	ng	99
3) Pyridine	3.28	79	388088	35.005	ng	98
4) n-Nitrosodimethylamine	3.22	42	175817	38.213	ng	96
6) Aniline	6.46	93	401730	30.289	ng	99
8) 2-Chlorophenol	6.58	128	405613	43.136	ng	98
9) Benzaldehyde	6.34	77	167060	25.485	ng	99
10) Phenol	6.45	94	460141	41.613	ng	82
11) bis(2-Chloroethyl)ether	6.53	93	365954	39.733	ng	98
12) 1,3-Dichlorobenzene	6.73	146	411081	41.123	ng	99
13) 1,4-Dichlorobenzene	6.81	146	415904	42.168	ng	99
14) 1,2-Dichlorobenzene	6.96	146	383300	39.895	ng	99
15) Benzyl Alcohol	6.94	79	303314	41.269	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.07	45	515735	38.889	ng	98
17) 2-Methylphenol	7.05	107	319186	39.800	ng	99
18) Hexachloroethane	7.30	117	150904	41.522	ng	97
19) n-Nitroso-di-n-propylamine	7.21	70	243386	40.486	ng	98
20) 3+4-Methylphenols	7.20	107	369985	36.919	ng	# 89
22) Acetophenone	7.20	105	482594	39.788	ng	# 98
24) Nitrobenzene	7.37	77	396172	39.005	ng	98
25) Isophorone	7.62	82	705768	37.329	ng	97
26) 2-Nitrophenol	7.69	139	217932	40.558	ng	97
27) 2,4-Dimethylphenol	7.73	122	325462	41.137	ng	98
28) bis(2-Chloroethoxy)methane	7.83	93	455650	41.576	ng	99
29) 2,4-Dichlorophenol	7.94	162	329990	41.032	ng	98
30) 1,2,4-Trichlorobenzene	8.02	180	359742	40.364	ng	99
31) Naphthalene	8.10	128	1103324	41.416	ng	100
32) Benzoic acid	7.87	122	190517	31.385	ng	95
33) 4-Chloroaniline	8.15	127	278016	22.737	ng	99
34) Hexachlorobutadiene	8.22	225	207211	39.886	ng	99
35) Caprolactam	8.52	113	105098m	40.860	ng	
36) 4-Chloro-3-methylphenol	8.64	107	336312	41.857	ng	97
37) 2-Methylnaphthalene	8.79	142	746392	42.919	ng	99
38) 1-Methylnaphthalene	8.89	142	707083	43.209	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.96	216	344256	40.585	ng	99

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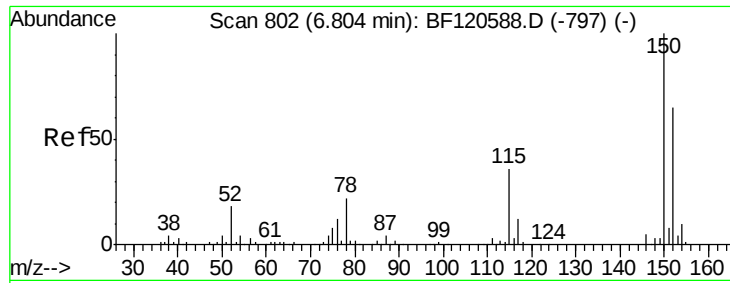
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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061020.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.94	237	375010	78.895	nq	100
43) 2,4,6-Trichlorophenol	9.07	196	244053	40.560	nq	99
44) 2,4,5-Trichlorophenol	9.12	196	253810	37.180	nq	98
46) 1,1'-Biphenyl	9.25	154	894570	42.172	nq	98
47) 2-Chloronaphthalene	9.28	162	704687	40.625	nq	99
48) 2-Nitroaniline	9.37	65	212168	38.945	nq	98
49) Acenaphthylene	9.69	152	1102601	41.187	nq	100
50) Dimethylphthalate	9.56	163	840424	41.078	nq	99
51) 2,6-Dinitrotoluene	9.62	165	190095	40.998	nq	98
52) Acenaphthene	9.86	154	647234	40.538	nq	99
53) 3-Nitroaniline	9.79	138	129959	23.336	nq	99
54) 2,4-Dinitrophenol	9.90	184	88370	34.307	nq	100
55) Dibenzofuran	10.04	168	982315	40.126	nq	99
56) 4-Nitrophenol	9.96	139	283237	67.528	nq	99
57) 2,4-Dinitrotoluene	10.03	165	246367	40.043	nq	98
58) Fluorene	10.38	166	755454	40.030	nq	100
59) 2,3,4,6-Tetrachlorophenol	10.16	232	218231	40.634	nq	99
60) Diethylphthalate	10.26	149	828236	41.103	nq	98
61) 4-Chlorophenyl-phenylether	10.37	204	370170	37.982	nq	99
62) 4-Nitroaniline	10.40	138	196014	35.453	nq	98
63) Azobenzene	10.53	77	741282	40.527	nq	99
65) 4,6-Dinitro-2-methylphenol	10.43	198	87489	27.066	nq	98
66) n-Nitrosodiphenylamine	10.49	169	709276	42.875	nq	99
67) 4-Bromophenyl-phenylether	10.86	248	247956	40.557	nq	99
68) Hexachlorobenzene	10.93	284	278463	42.363	nq	99
69) Atrazine	11.02	200	208244	40.679	nq	98
70) Pentachlorophenol	11.13	266	255761	69.986	nq	99
71) Phenanthrene	11.35	178	1129303	42.172	nq	99
72) Anthracene	11.39	178	1176324	43.580	nq	99
73) Carbazole	11.55	167	1076701	40.297	nq	99
74) Di-n-butylphthalate	11.88	149	1267198	42.185	nq	100
75) Fluoranthene	12.53	202	722730	23.606	nq	96
77) Benzidine	12.65	184	283789	34.237	nq	99
78) Pyrene	12.76	202	722230	41.596	nq	99
80) Butylbenzylphthalate	13.37	149	313100	40.610	nq	99
81) Benzo(a)anthracene	13.95	228	651736	44.260	nq	99
82) 3,3'-Dichlorobenzidine	13.91	252	163603	29.087	nq	100
83) Chrysene	13.99	228	636555	42.143	nq	100
84) Bis(2-ethylhexyl)phthalate	13.93	149	436318	46.370	nq	97
85) Di-n-octyl phthalate	14.55	149	766843	42.703	nq	98
87) Indeno(1,2,3-cd)pyrene	16.84	276	776857	48.401	nq	98
88) Benzo(b)fluoranthene	14.99	252	738674	46.995	nq	98
89) Benzo(k)fluoranthene	15.02	252	592377	42.592	nq	99
90) Benzo(a)pyrene	15.34	252	612920	43.572	nq	99
91) Dibenzo(a,h)anthracene	16.86	278	635842	49.401	nq	99
92) Benzo(g,h,i)perylene	17.27	276	640879	49.399	nq	96

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



#1

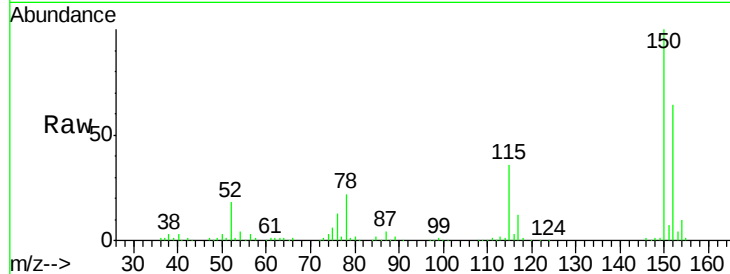
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. -0.01 min
Lab File: BF120712.D
Acq: 26 Jun 2020 16:47

Instrument :
BNA_F
ClientSampleId :
PB129807BS

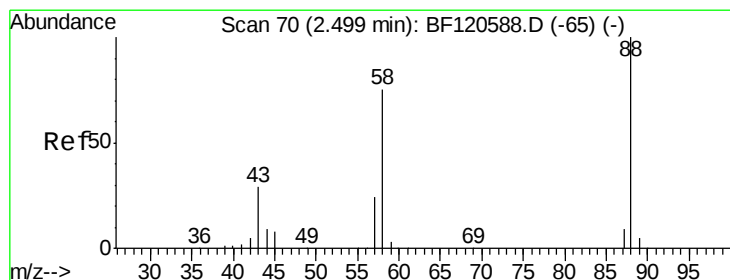
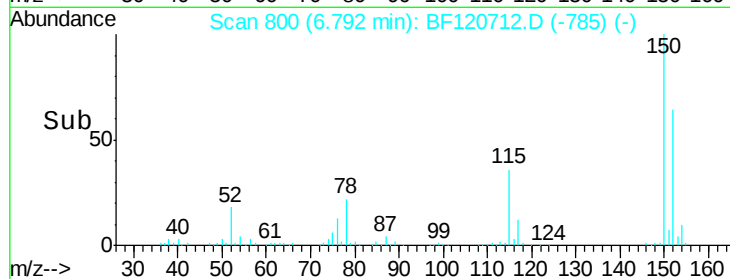
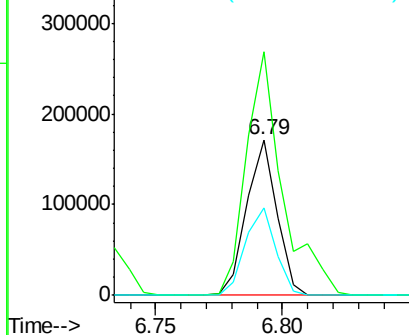
Tot Ion	Ratio	Lower	Upper
152	100		
150	156.7	123.2	184.8
115	56.1	43.9	65.9

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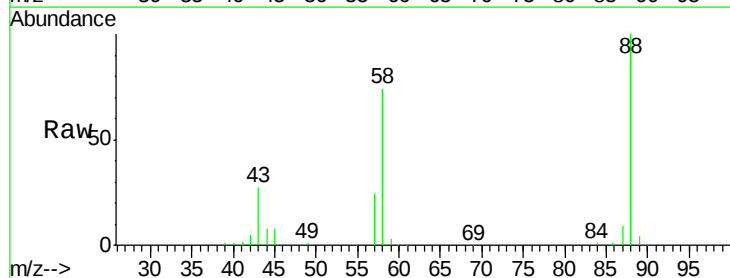
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Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



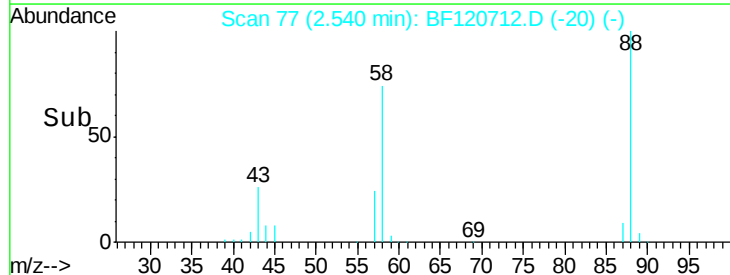
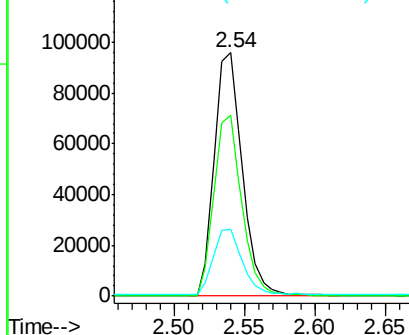
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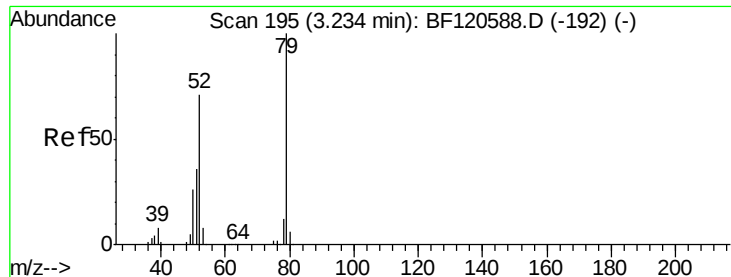
1,4-Dioxane
Concen: 33.745 ng
RT: 2.54 min Scan# 77
Delta R.T. 0.04 min
Lab File: BF120712.D
Acq: 26 Jun 2020 16:47

Tgt Ion	Ratio	Lower	Upper
88	100		
58	74.1	59.6	89.4
43	27.5	23.1	34.7



Abundance Ion 88.00 (87.70 to 88.70): BF1
Ion 58.00 (57.70 to 58.70): BF1
Ion 43.00 (42.70 to 43.70): BF1





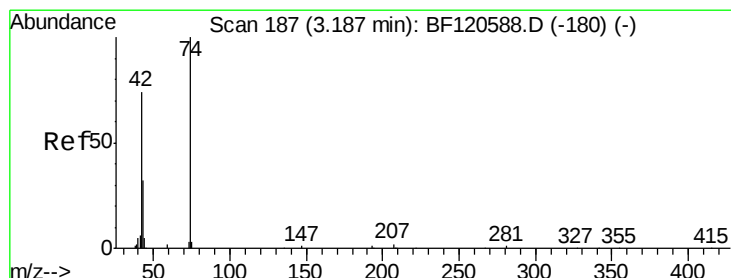
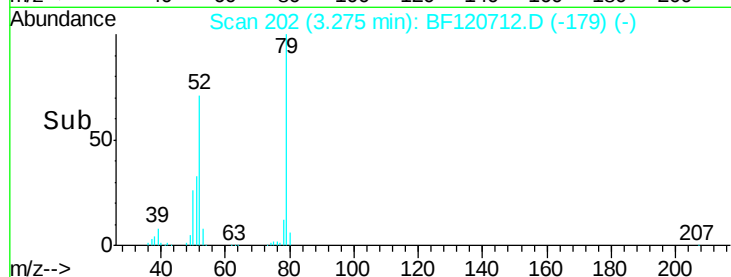
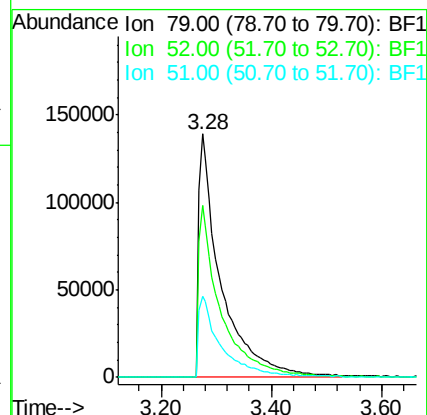
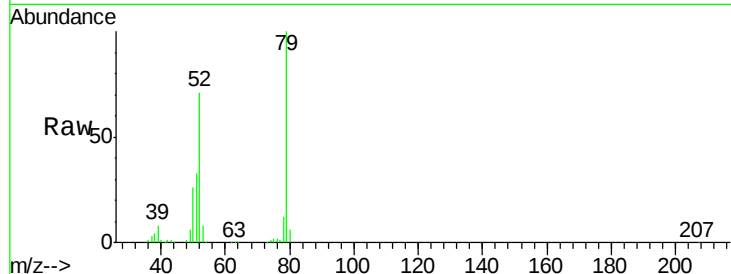
#3
 Pvridine
 Concen: 35.005 ng
 RT: 3.28 min Scan# 202
 Delta R.T. 0.04 min
 Lab File: BF120712.D
 Acq: 26 Jun 2020 16:47

Instrument :
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 ClientSampleId :
 PB129807BS

Tot Ion	Ratio	Lower	Upper
79	100		
52	70.8	57.0	85.6
51	33.2	28.5	42.7

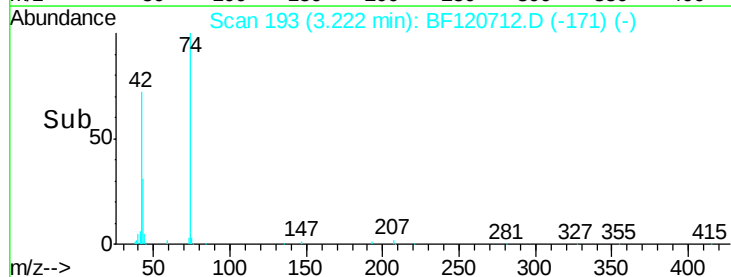
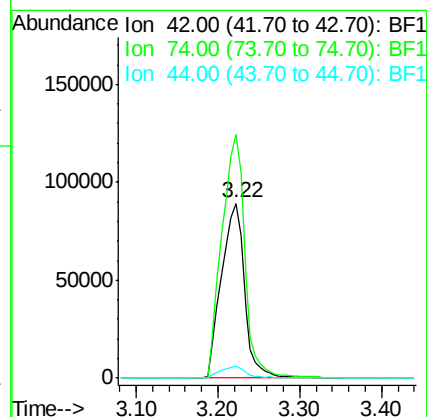
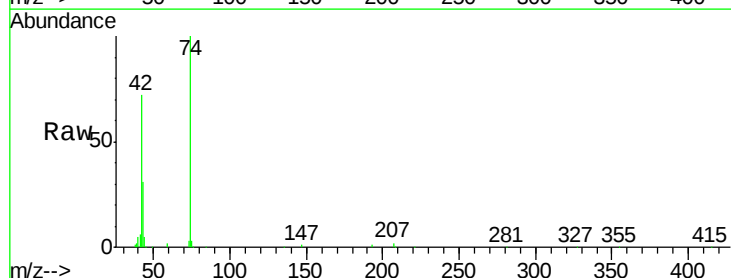
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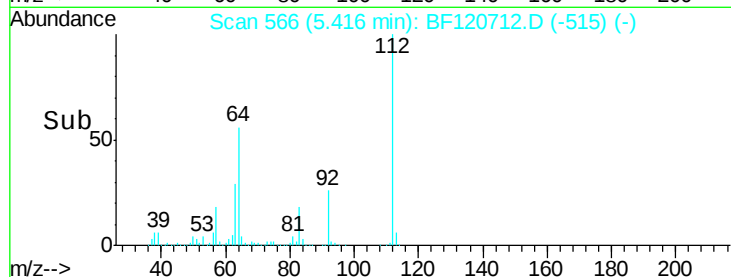
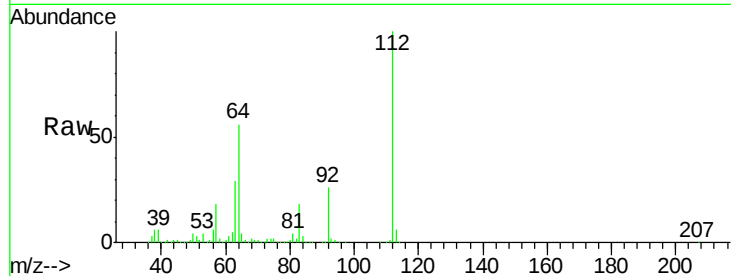
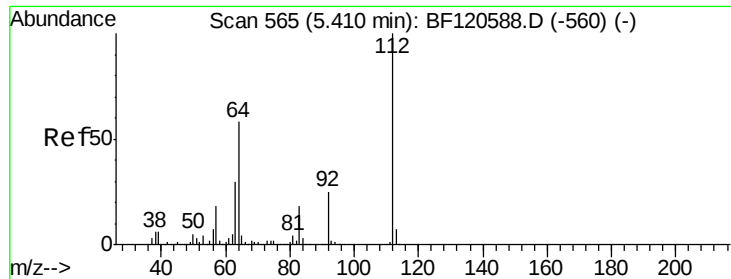
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#4
 n-Nitrosodimethylamine
 Concen: 38.213 ng
 RT: 3.22 min Scan# 193
 Delta R.T. 0.03 min
 Lab File: BF120712.D
 Acq: 26 Jun 2020 16:47

Tgt Ion	Ratio	Lower	Upper
42	100		
74	139.3	107.8	161.6
44	6.7	5.1	7.7





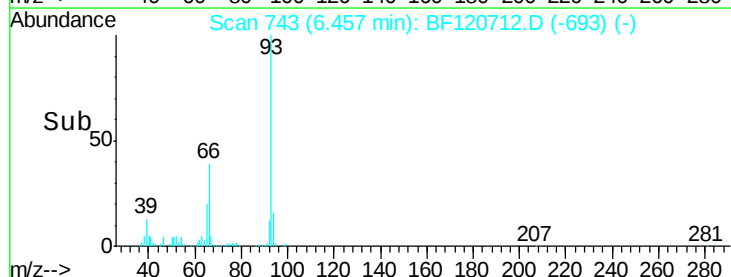
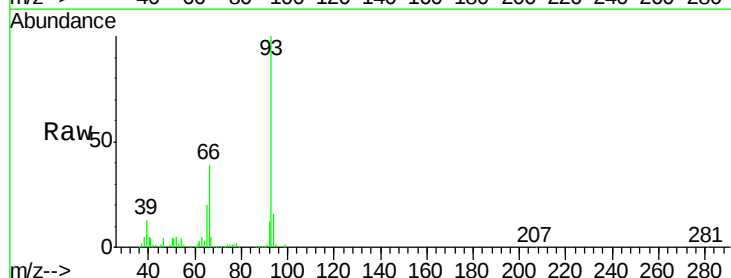
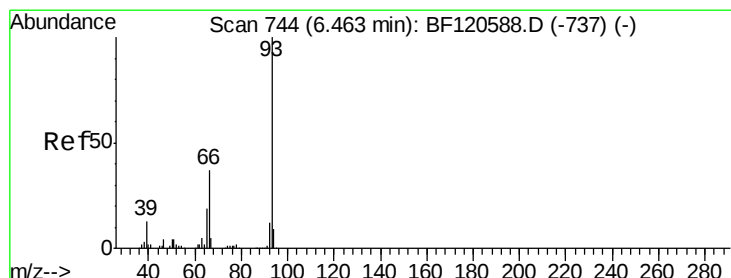
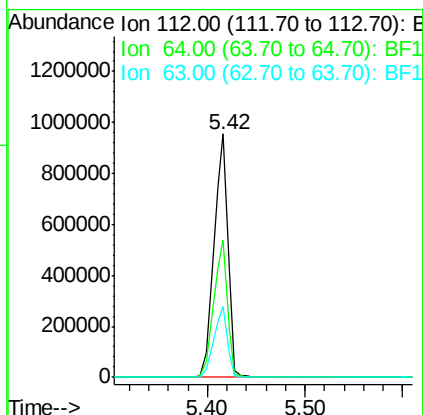
#5
2-Fluorophenol
Concen: 112.733 ng
RT: 5.42 min Scan# 566
Delta R.T. 0.00 min
Lab File: BF120712.D
Acq: 26 Jun 2020 16:47

Tot Ion	Ratio	Resp Lower	Upper
112	100		
64	56.2	46.1	69.1
63	28.9	23.7	35.5

Instrument :
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ClientSampleId :
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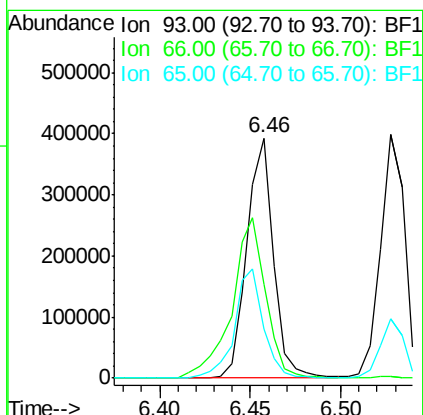
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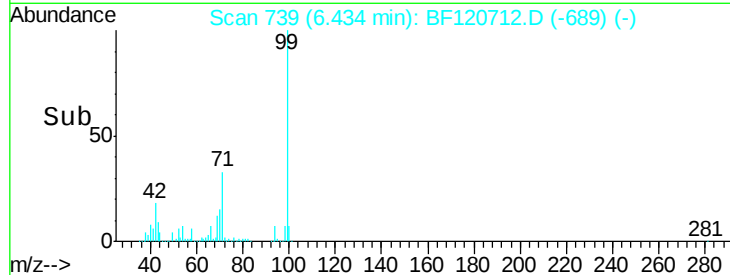
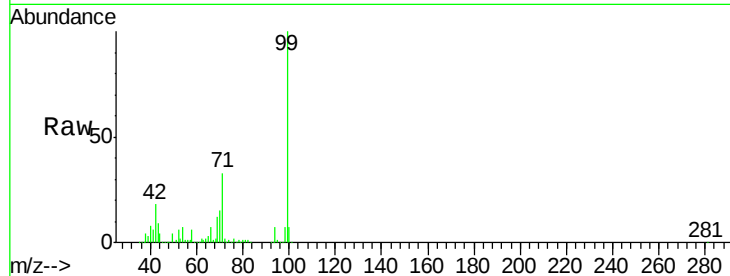
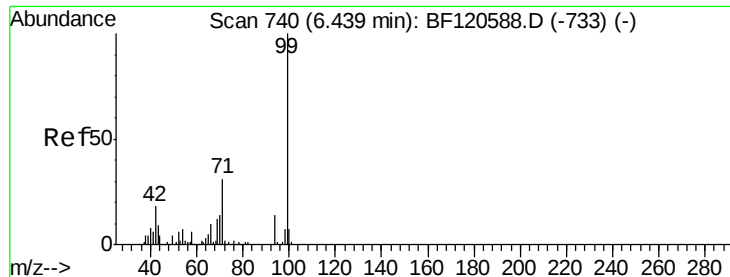
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#6
Aniline
Concen: 30.289 ng
RT: 6.46 min Scan# 743
Delta R.T. -0.01 min
Lab File: BF120712.D
Acq: 26 Jun 2020 16:47

Tgt Ion	Ratio	Resp Lower	Upper
93	100		
66	39.0	30.9	46.3
65	20.4	15.9	23.9





#7

Phenol-d6

Concen: 112.136 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF120712.D

Acq: 26 Jun 2020 16:47

Tot Ion	Ion	Ratio	Lower	Upper
1162151	99	100		
	42	18.2	14.0	21.0
	71	32.8	24.9	37.3

Instrument :

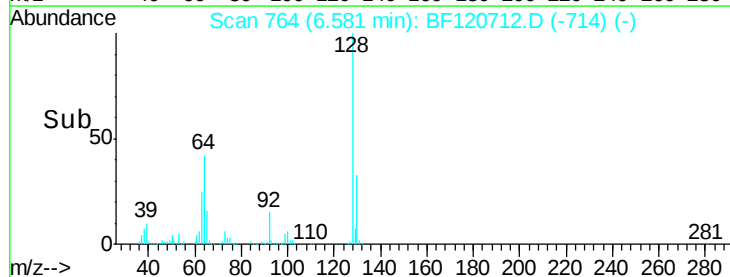
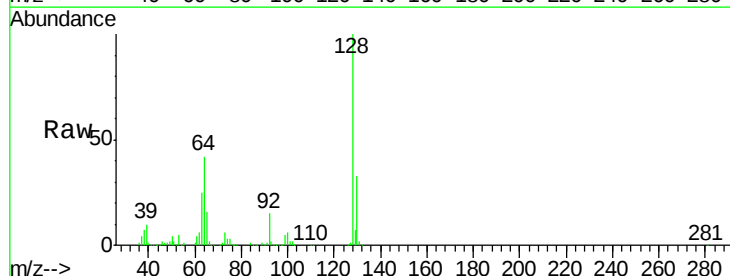
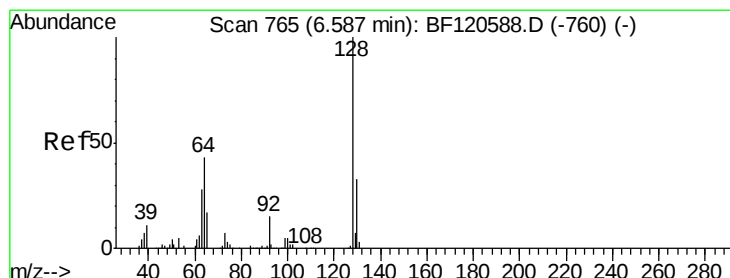
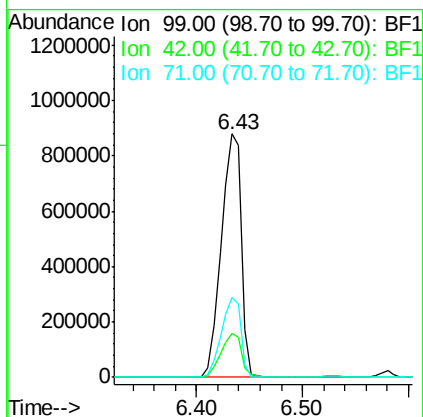
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#8

2-Chlorophenol

Concen: 43.136 ng

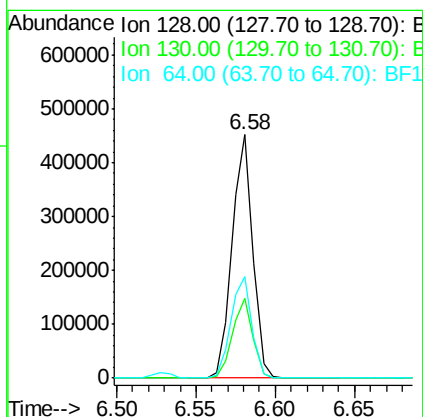
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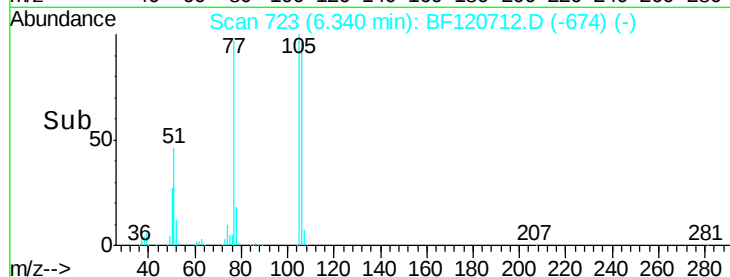
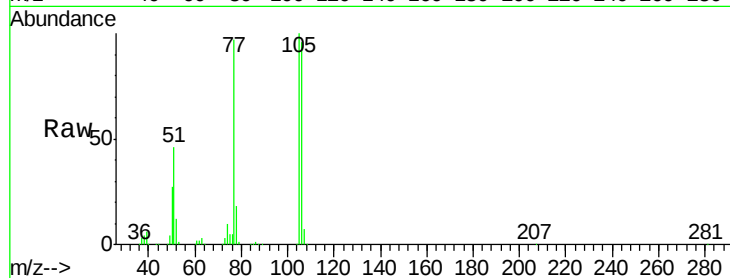
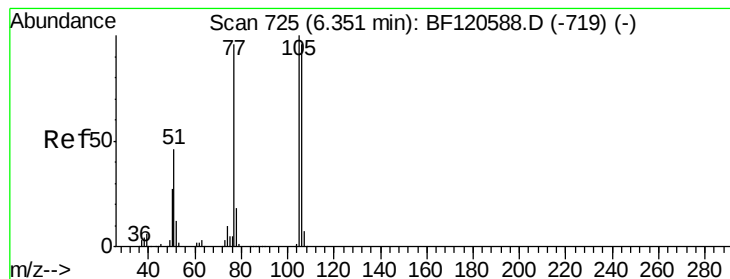
Delta R.T. -0.01 min

Lab File: BF120712.D

Acq: 26 Jun 2020 16:47

Tgt Ion	Ion	Ratio	Lower	Upper
405613	128	100		
	130	32.6	12.6	52.6
	64	41.8	24.3	64.3





#9

Benzaldehyde

Concen: 25.485 ng

RT: 6.34 min Scan# 723

Delta R.T. -0.01 min

Lab File: BF120712.D

Acq: 26 Jun 2020 16:47

Tot Ion:	77	Resp:	167060
Ion Ratio	Lower	Upper	
77	100		
105	102.8	83.8	123.8
106	98.6	79.3	119.3

Instrument :

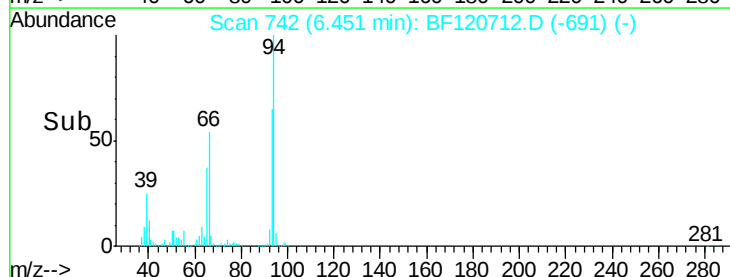
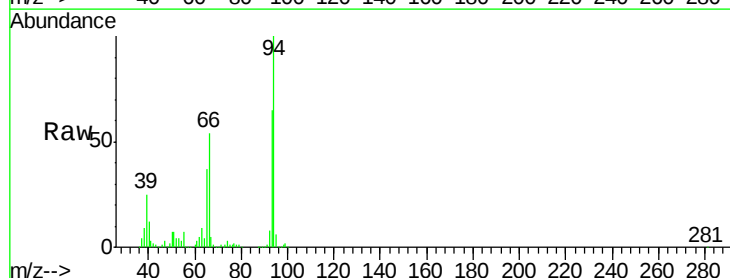
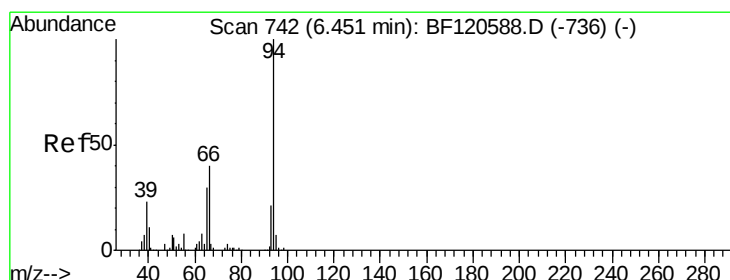
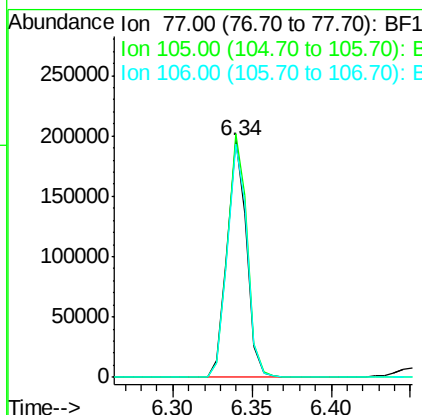
BNA_F

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#10

Phenol

Concen: 41.613 ng

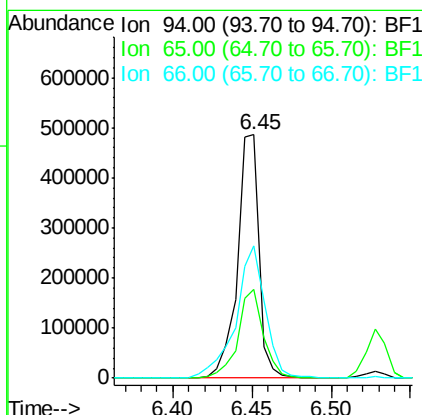
RT: 6.45 min Scan# 742

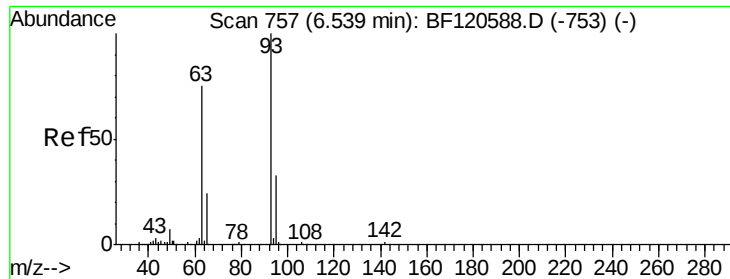
Delta R.T. 0.00 min

Lab File: BF120712.D

Acq: 26 Jun 2020 16:47

Tgt Ion:	94	Resp:	460141
Ion Ratio	Lower	Upper	
94	100		
65	36.7	9.9	49.9
66	54.2	20.1	60.1





#11

bis(2-Chloroethyl)ether

Concen: 39.733 ng

RT: 6.53 min Scan# 755

Delta R.T. -0.01 min

Lab File: BF120712.D

Acq: 26 Jun 2020 16:47

Instrument :

BNA_F

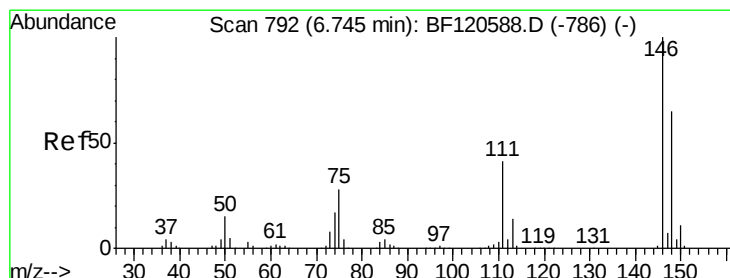
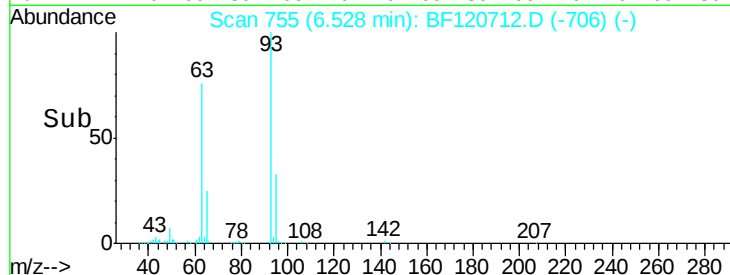
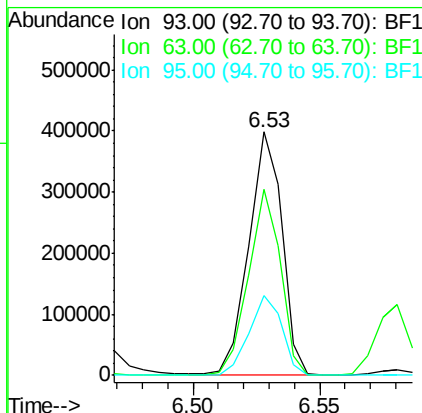
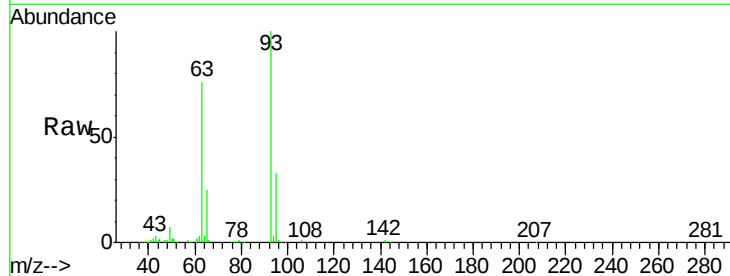
ClientSampled :

PB129807BS

Tot Ion:	93	Resp:	365954
Ion Ratio	Lower	Upper	
93	100		
63	76.2	54.4	94.4
95	32.7	12.9	52.9

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#12

1,3-Dichlorobenzene

Concen: 41.123 ng

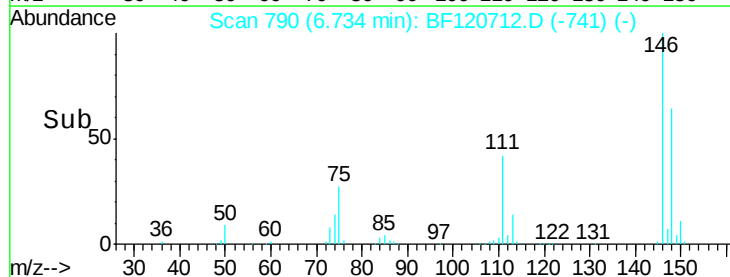
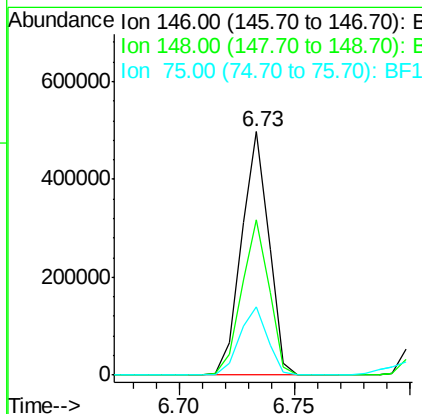
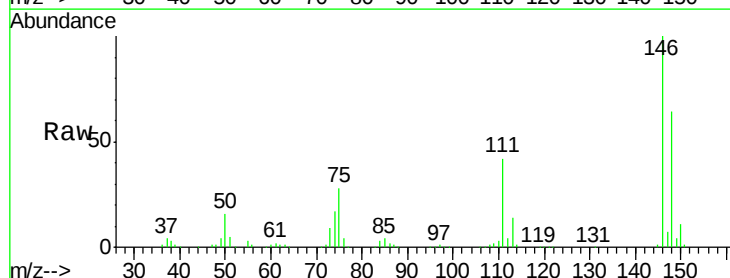
RT: 6.73 min Scan# 790

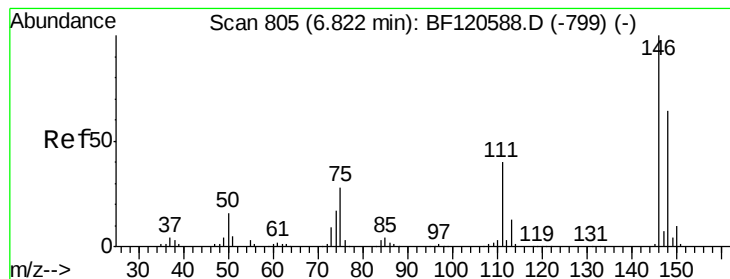
Delta R.T. -0.01 min

Lab File: BF120712.D

Acq: 26 Jun 2020 16:47

Tgt Ion:	146	Resp:	411081
Ion Ratio	Lower	Upper	
146	100		
148	63.8	51.8	77.6
75	28.0	22.2	33.4





#13

1,4-Dichlorobenzene

Concen: 42.168 ng

RT: 6.81 min Scan# 803

Delta R.T. -0.01 min

Lab File: BF120712.D

Acq: 26 Jun 2020 16:47

Instrument :

BNA_F

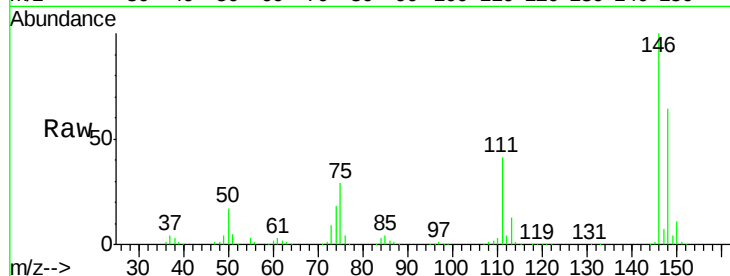
ClientSampleId :

PB129807BS

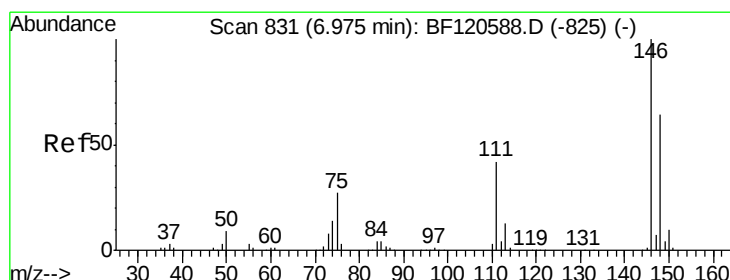
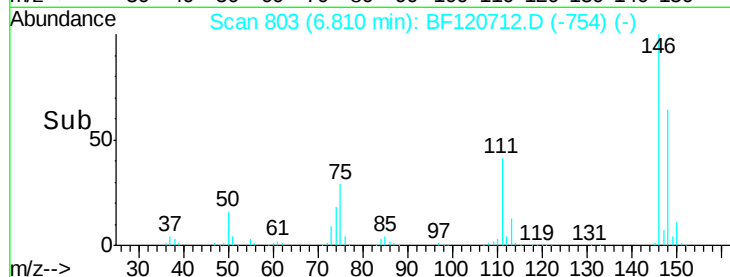
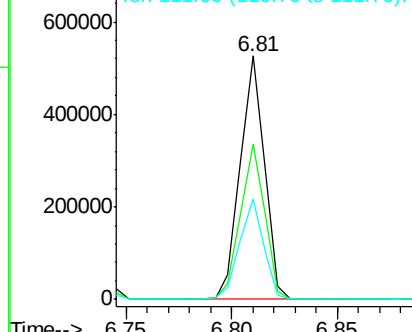
Tot Ion	Ratio	Lower	Upper
146	100		
148	63.5	51.5	77.3
111	41.0	32.2	48.4

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Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 39.895 ng

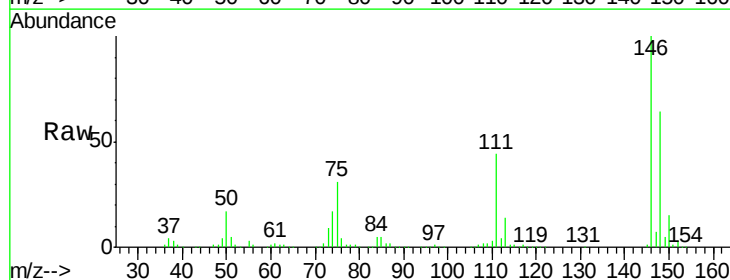
RT: 6.96 min Scan# 829

Delta R.T. -0.01 min

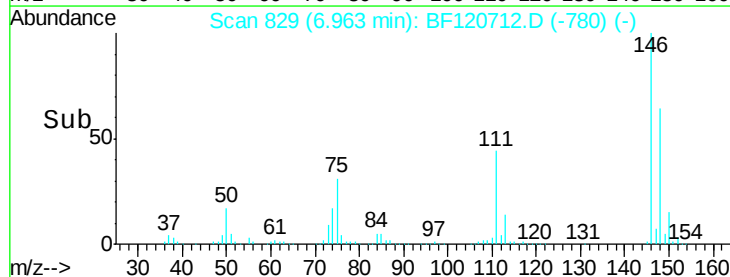
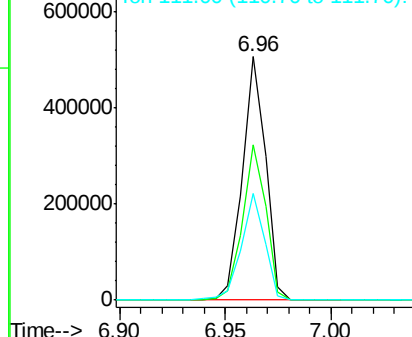
Lab File: BF120712.D

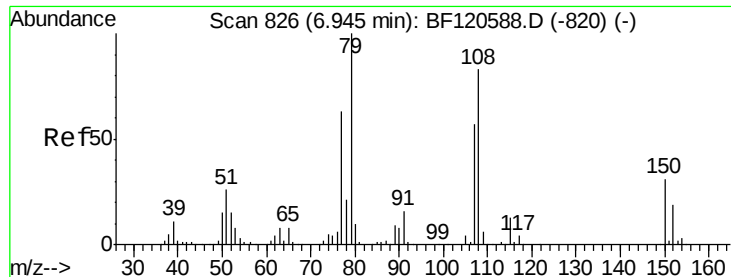
Acq: 26 Jun 2020 16:47

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.9	50.8	76.2
111	43.9	33.6	50.4



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E





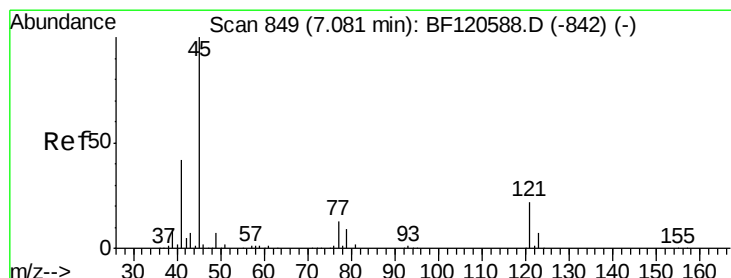
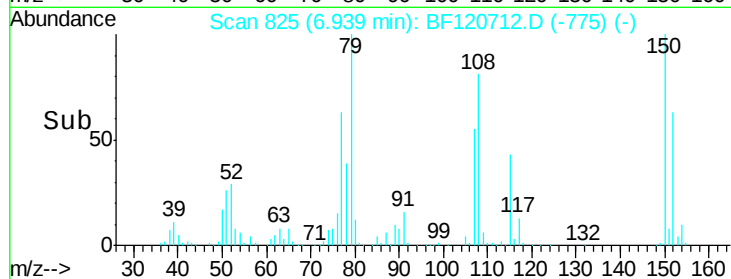
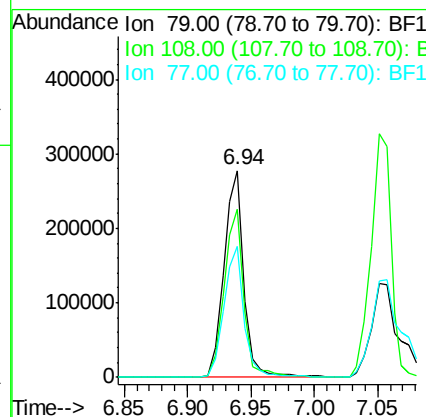
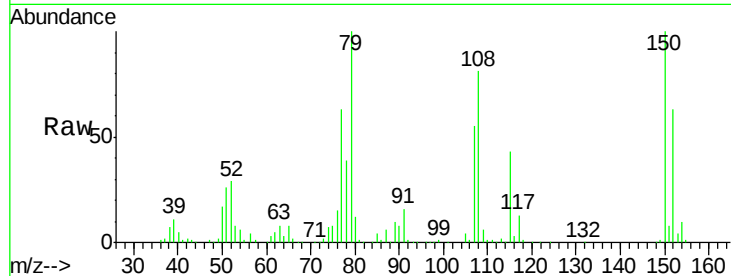
#15
Benzyl Alcohol
Concen: 41.269 ng
RT: 6.94 min Scan# 825
Delta R.T. -0.01 min
Lab File: BF120712.D
Acq: 26 Jun 2020 16:47

Instrument :
BNA_F
ClientSampled :
PB129807BS

Tot Ion	Ratio	Lower	Upper
79	100		
108	81.4	66.8	100.2
77	63.2	50.6	76.0

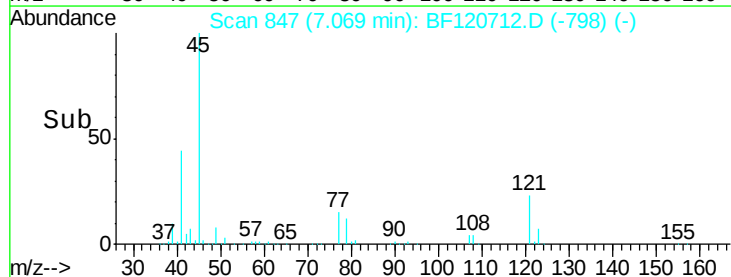
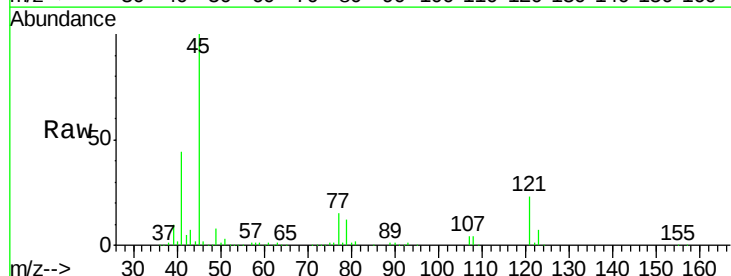
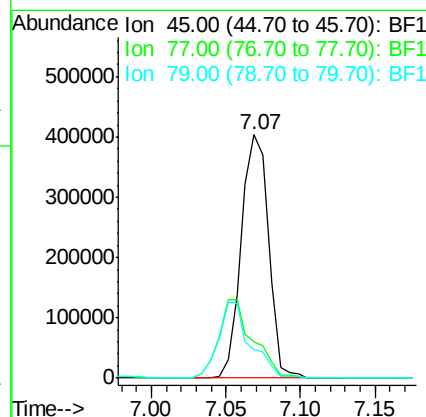
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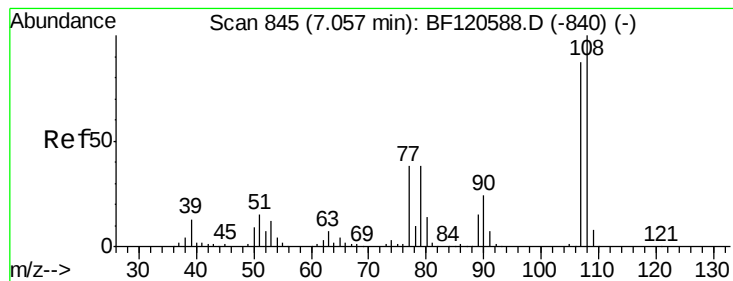
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#16
2,2'-oxybis(1-chloropropane)
Concen: 38.889 ng
RT: 7.07 min Scan# 847
Delta R.T. -0.01 min
Lab File: BF120712.D
Acq: 26 Jun 2020 16:47

Tgt Ion	Ratio	Lower	Upper
45	100		
77	14.9	0.0	34.2
79	11.9	0.0	30.9





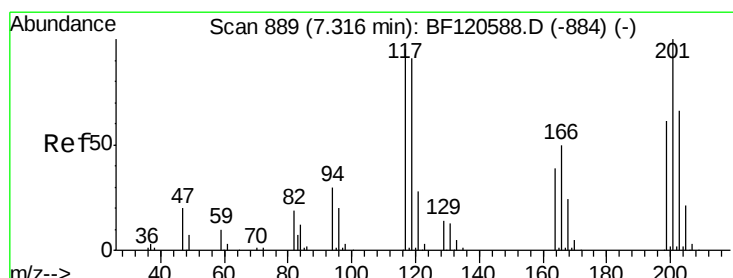
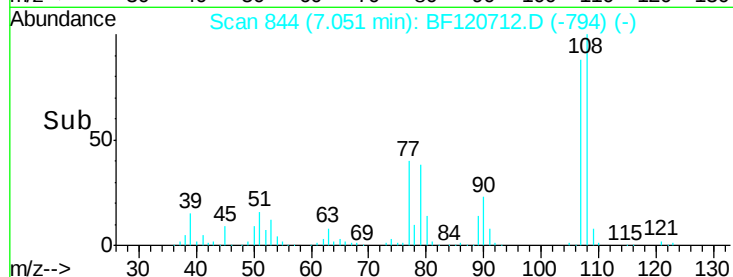
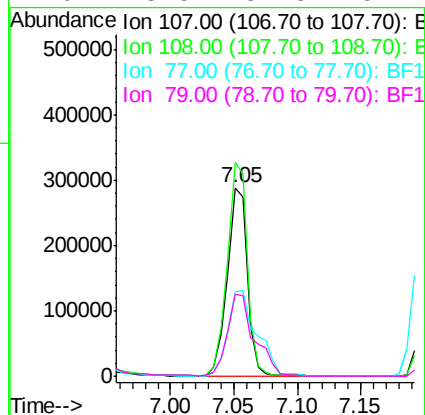
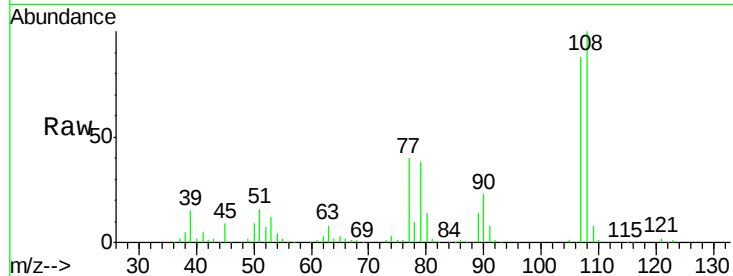
#17
2-Methylphenol
Concen: 39.800 ng
RT: 7.05 min Scan# 844
Delta R.T. -0.01 min
Lab File: BF120712.D
Acq: 26 Jun 2020 16:47

Instrument :
BNA_F
ClientSampleId :
PB129807BS

Tot Ion	Ratio	Lower	Upper
107	100		
108	113.4	91.9	137.9
77	45.0	35.4	53.2
79	43.5	34.8	52.2

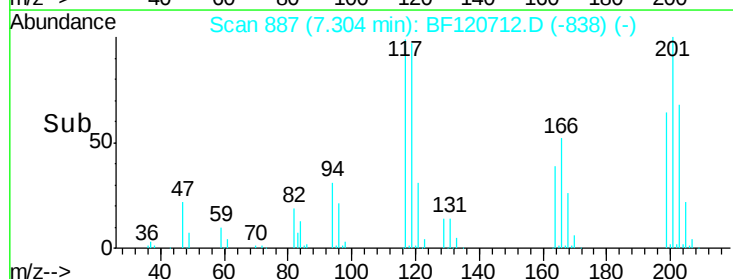
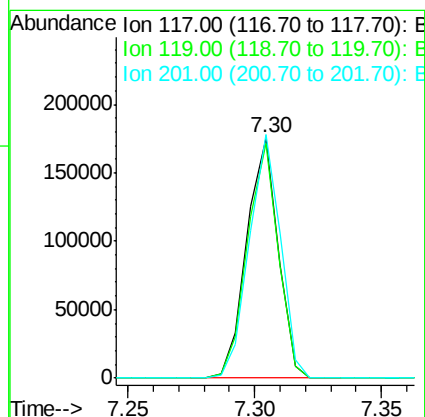
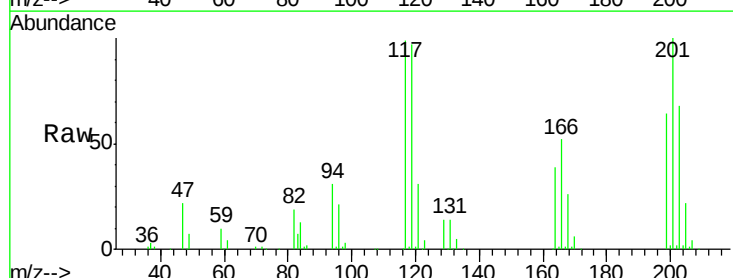
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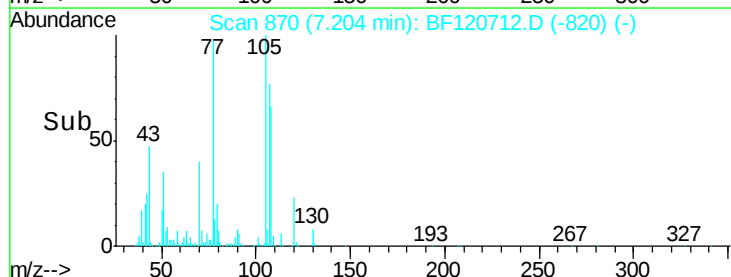
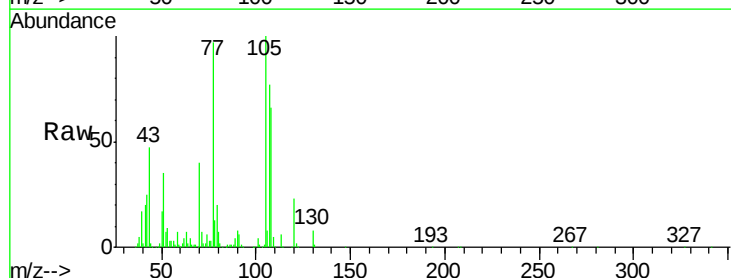
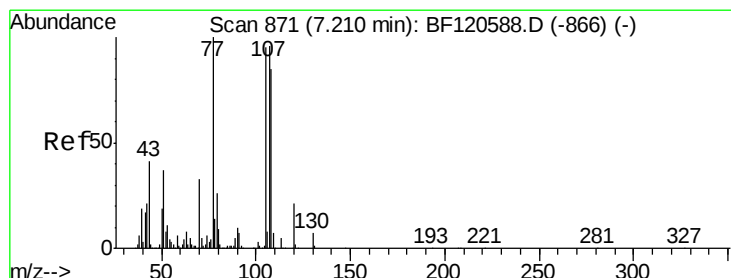
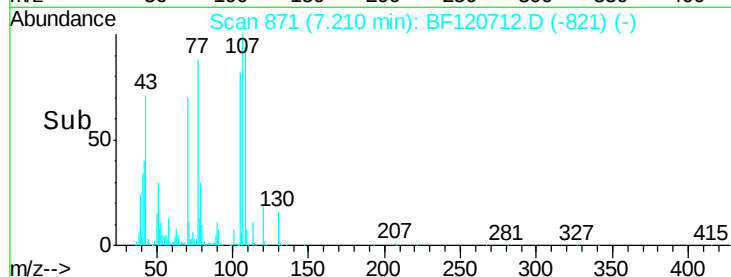
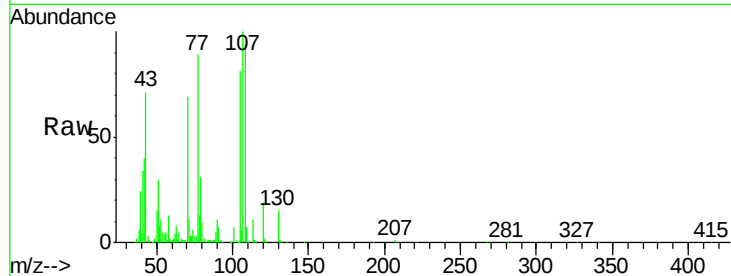
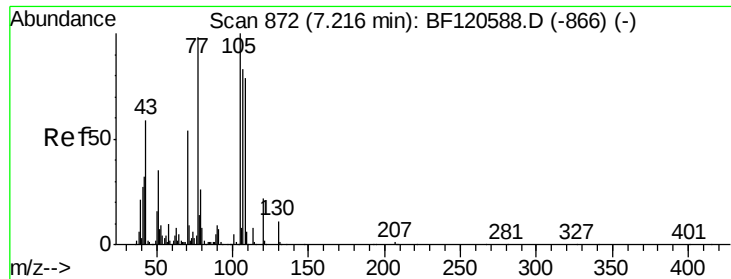
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#18
Hexachloroethane
Concen: 41.522 ng
RT: 7.30 min Scan# 887
Delta R.T. -0.01 min
Lab File: BF120712.D
Acq: 26 Jun 2020 16:47

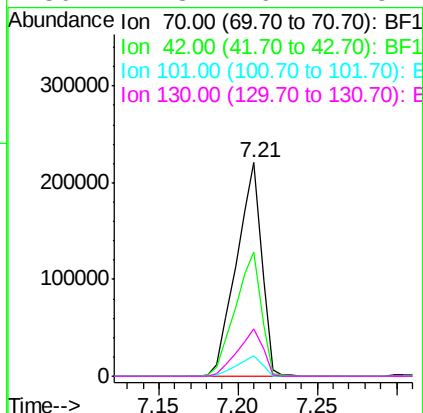
Tgt Ion	Ratio	Lower	Upper
117	100		
119	98.0	76.9	115.3
201	101.5	84.6	127.0





#19
n-Nitroso-di-n-propylamine
Concen: 40.486 ng
RT: 7.21 min Scan# 871
Delta R.T. -0.01 min
Lab File: BF120712.D
Acq: 26 Jun 2020 16:47

Tot Ion	Ratio	Resp	Lower	Upper
70	100	243386		
42	58.1		47.7	71.5
101	9.8		7.6	11.4
130	22.3		16.7	25.1



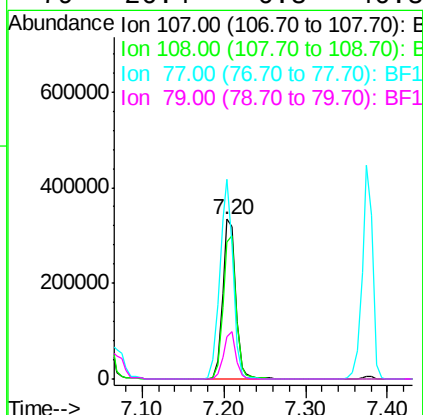
Instrument :
BNA_F
ClientSampleId :
PB129807BS

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#20
3+4-Methylphenols
Concen: 36.919 ng
RT: 7.20 min Scan# 870
Delta R.T. -0.01 min
Lab File: BF120712.D
Acq: 26 Jun 2020 16:47

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	369985		
108	85.8		68.7	108.7
77	125.5		84.2	124.2#
79	26.4		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: BF120712.D

Acq: 26 Jun 2020 16:47

Instrument :

BNA_F

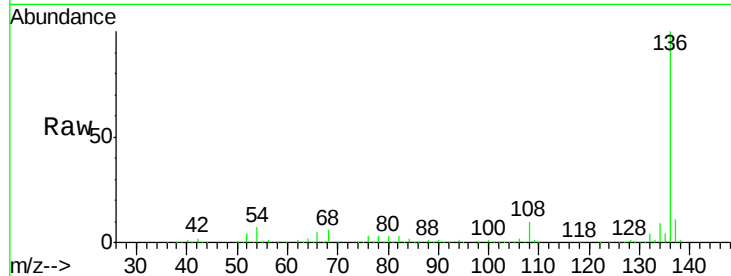
ClientSampleId :

PB129807BS

Tot Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.6	13.0
54	7.2	5.8	8.6
68	5.9	4.4	6.6

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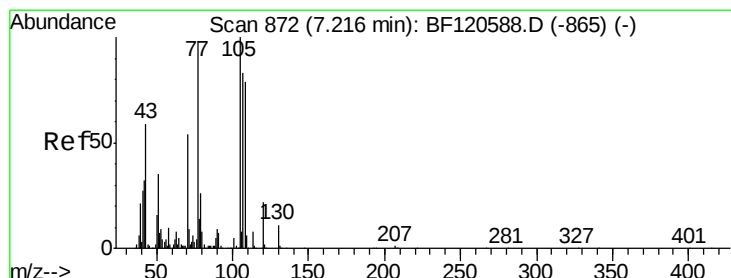
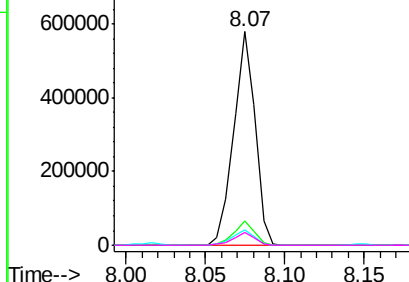
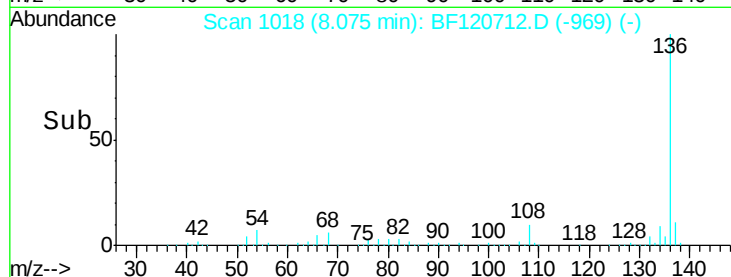


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 39.788 ng

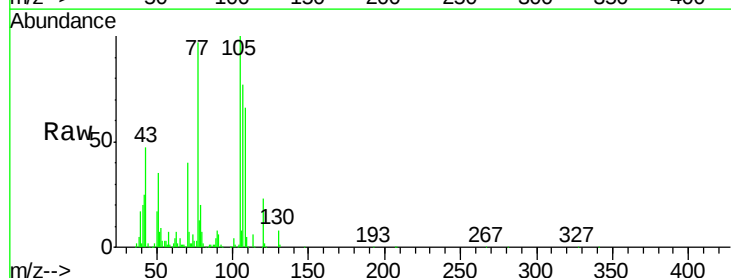
RT: 7.20 min Scan# 870

Delta R.T. -0.01 min

Lab File: BF120712.D

Acq: 26 Jun 2020 16:47

Tgt Ion	Ratio	Lower	Upper
105	100		
71	6.7	7.2	10.8#
51	35.4	27.8	41.8
120	22.9	18.0	27.0

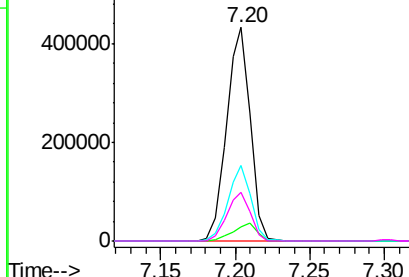
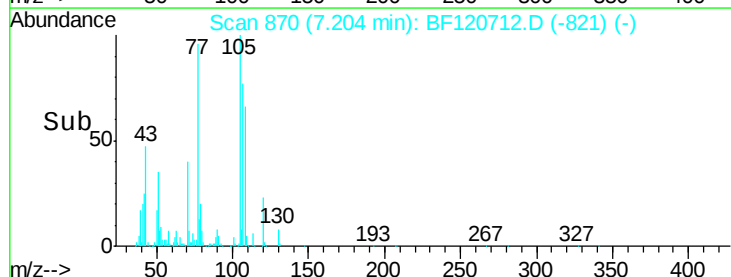


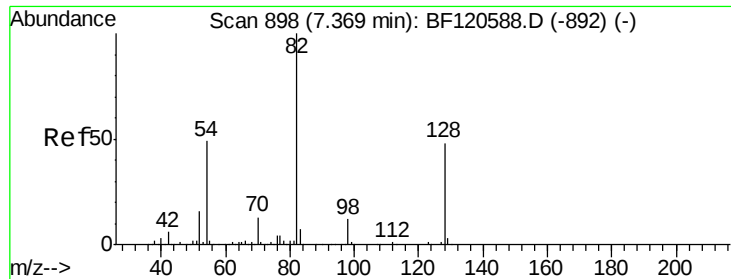
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E





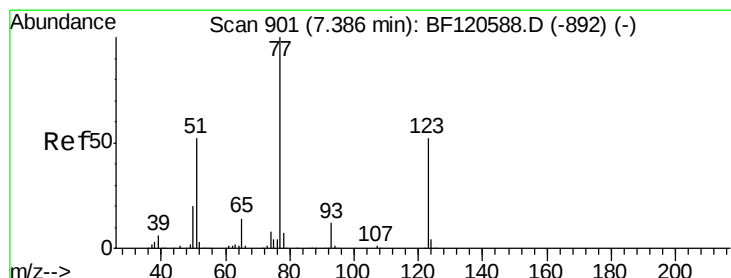
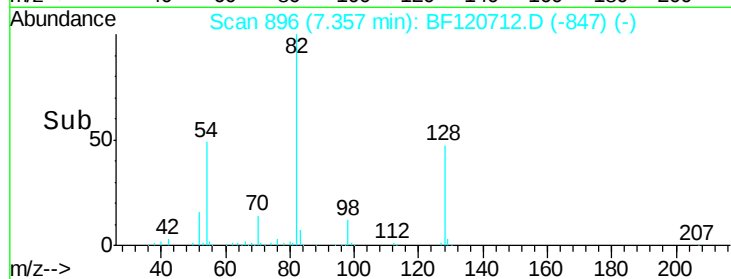
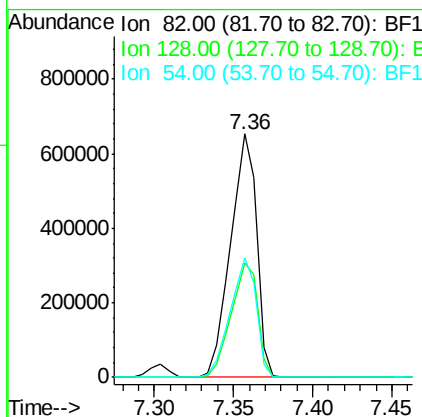
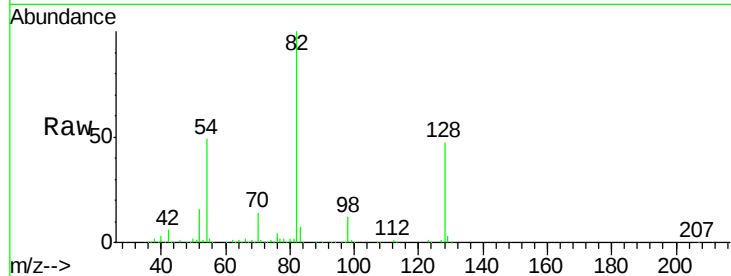
#23
 Nitrobenzene-d5
 Concen: 76.590 ng
 RT: 7.36 min Scan# 896
 Delta R.T. -0.01 min
 Lab File: BF120712.D
 Acq: 26 Jun 2020 16:47

Instrument :
 BNA_F
 ClientSampleId :
 PB129807BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100	743369		
128	47.1		38.0	57.0
54	49.2		38.8	58.2

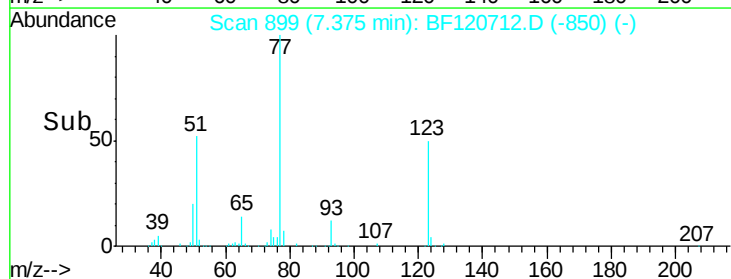
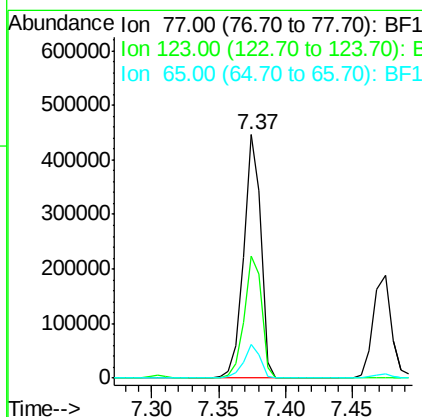
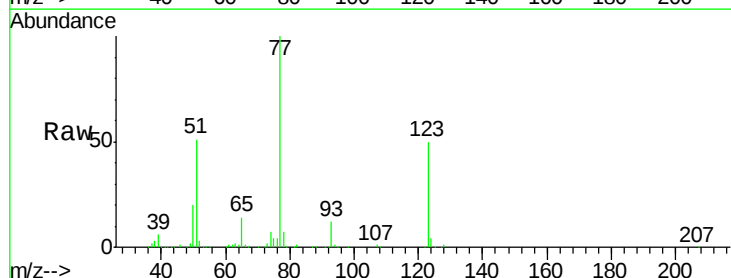
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#24
 Nitrobenzene
 Concen: 39.005 ng
 RT: 7.37 min Scan# 899
 Delta R.T. -0.01 min
 Lab File: BF120712.D
 Acq: 26 Jun 2020 16:47

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	396172		
123	49.9		41.4	62.0
65	13.7		11.0	16.4





#25

Isophorone

Concen: 37.329 ng

RT: 7.62 min Scan# 940

Delta R.T. -0.01 min

Lab File: BF120712.D

Acq: 26 Jun 2020 16:47

Instrument :

BNA_F

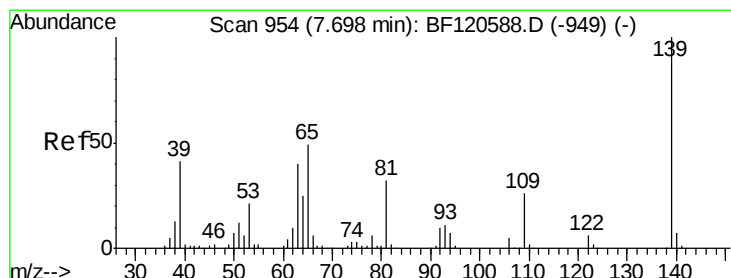
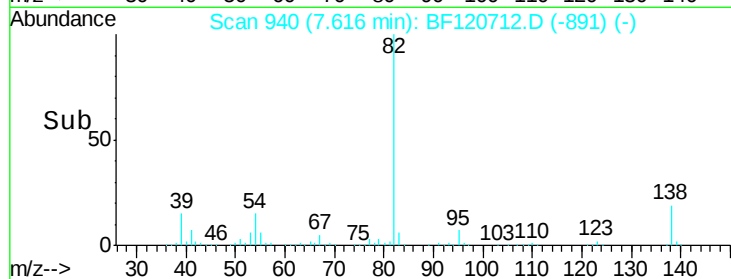
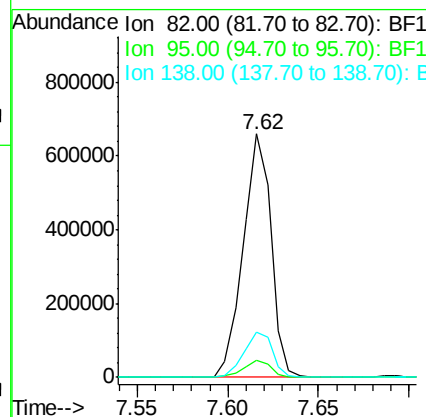
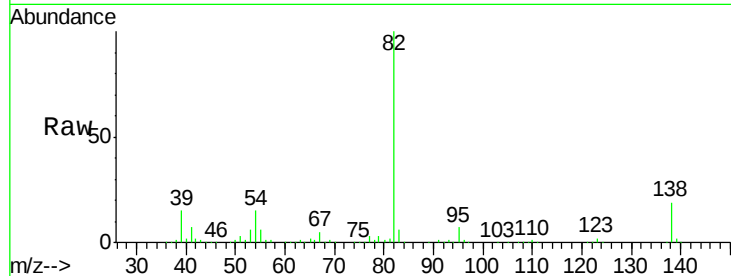
ClientSampleId :

PB129807BS

Tot Ion:	82	Resp:	705768
Ion Ratio	Lower	Upper	
82	100		
95	6.8	5.7	8.5
138	18.8	16.2	24.4

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#26

2-Nitrophenol

Concen: 40.558 ng

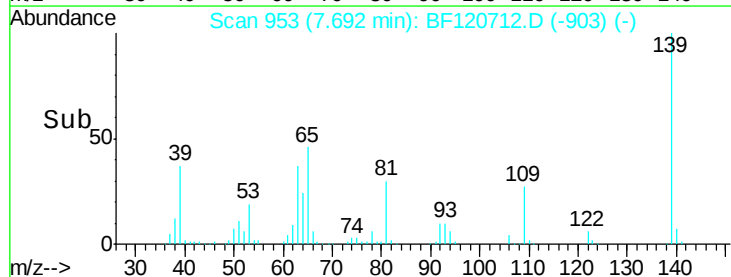
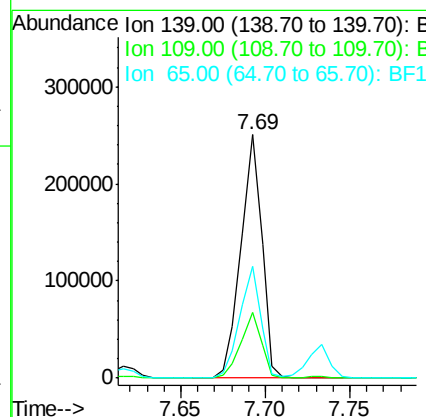
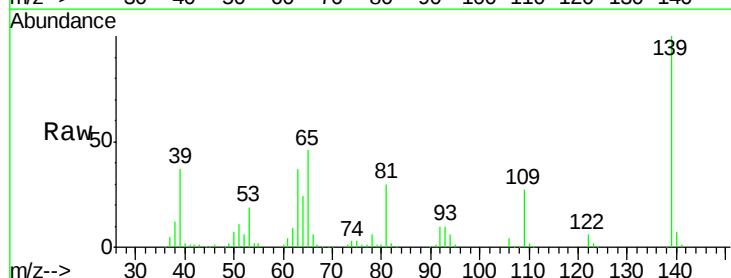
RT: 7.69 min Scan# 953

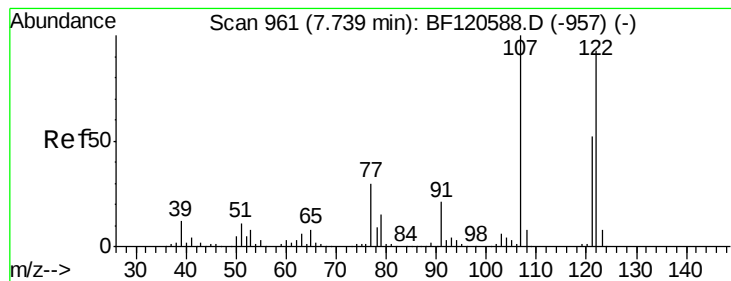
Delta R.T. -0.01 min

Lab File: BF120712.D

Acq: 26 Jun 2020 16:47

Tgt Ion:	139	Resp:	217932
Ion Ratio	Lower	Upper	
139	100		
109	26.9	21.1	31.7
65	46.0	39.4	59.0





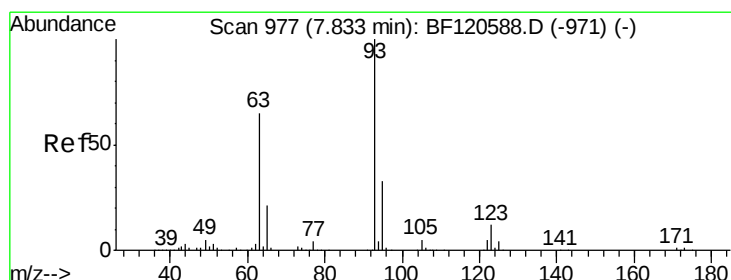
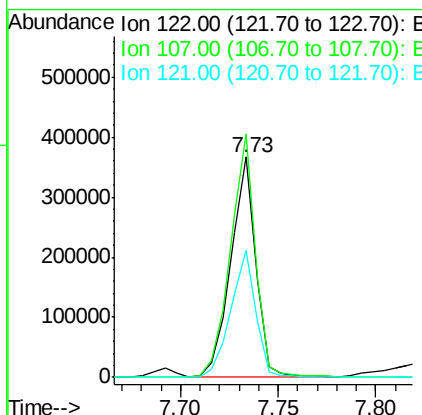
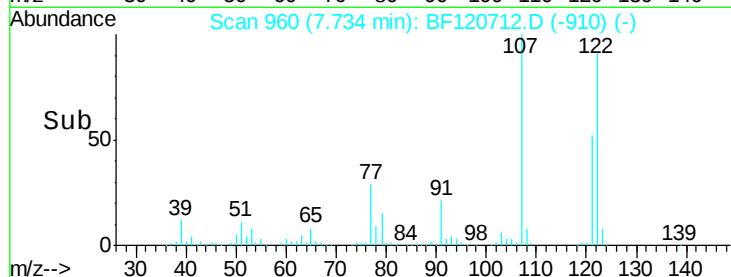
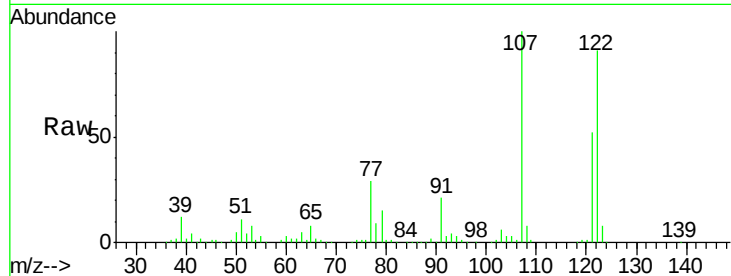
#27
 2,4-Dimethylphenol
 Concen: 41.137 ng
 RT: 7.73 min Scan# 960
 Delta R.T. -0.01 min
 Lab File: BF120712.D
 Acq: 26 Jun 2020 16:47

Instrument :
 BNA_F
 ClientSampled :
 PB129807BS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	325462		
107	110.4	86.4	129.6	
121	57.4	45.2	67.8	

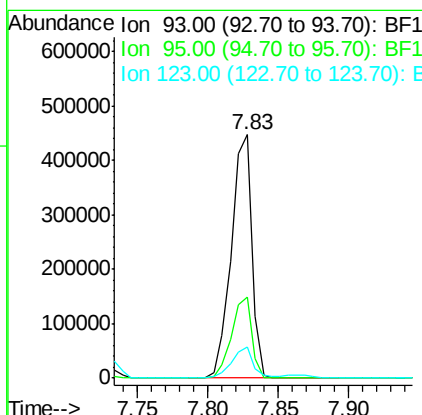
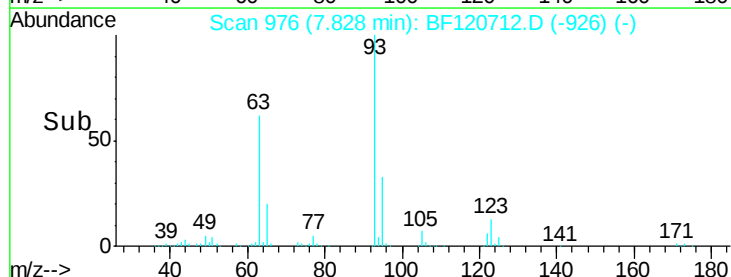
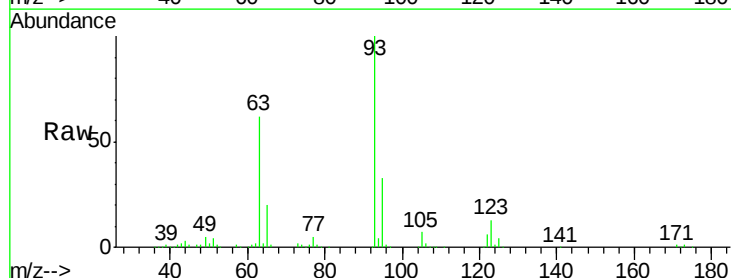
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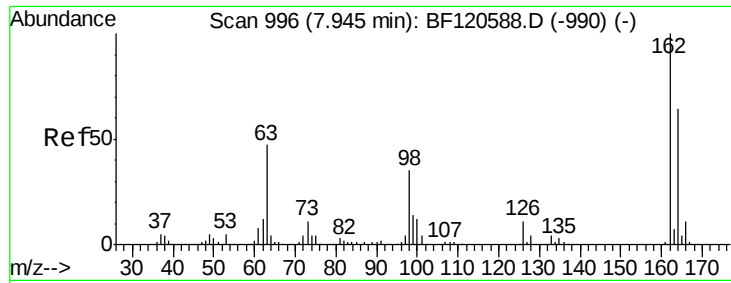
mohammad
 6/29/2020 3:18:33 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 41.576 ng
 RT: 7.83 min Scan# 976
 Delta R.T. -0.01 min
 Lab File: BF120712.D
 Acq: 26 Jun 2020 16:47

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	455650		
95	33.1	26.2	39.4	
123	12.7	9.5	14.3	





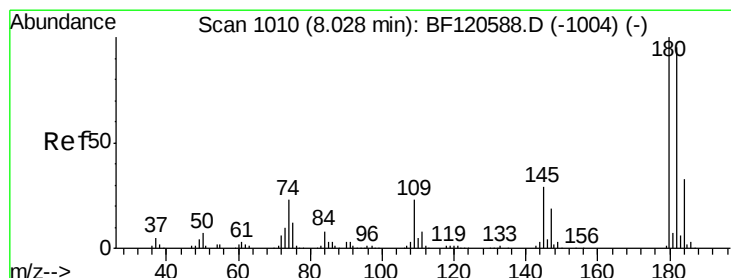
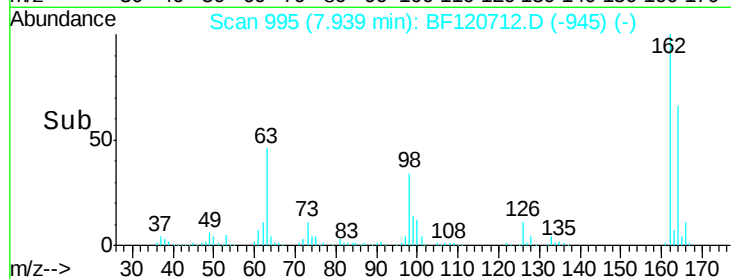
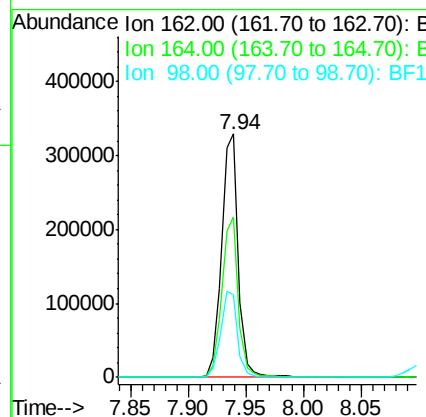
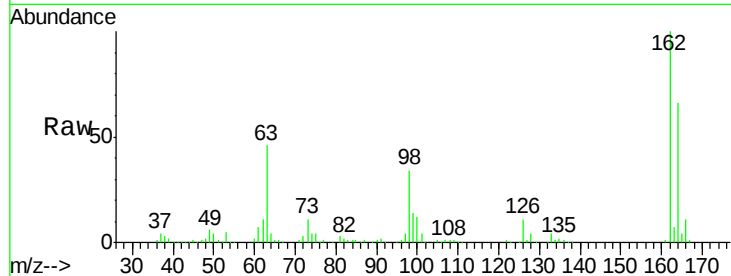
#29
2,4-Dichlorophenol
Concen: 41.032 ng
RT: 7.94 min Scan# 995
Delta R.T. -0.01 min
Lab File: BF120712.D
Acq: 26 Jun 2020 16:47

Instrument :
BNA_F
ClientSampleId :
PB129807BS

Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	65.7	44.1	84.1
98	33.8	14.7	54.7

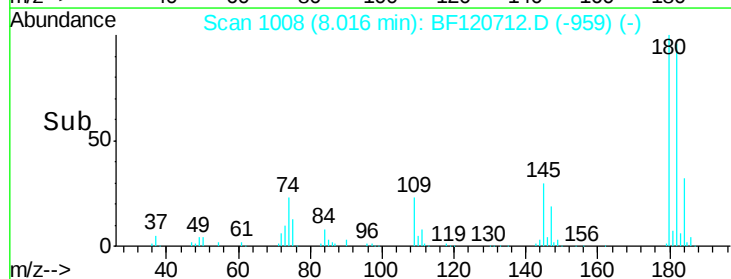
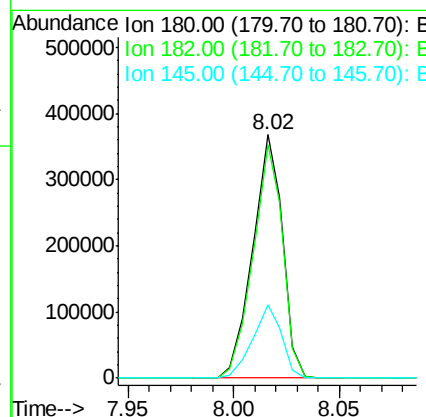
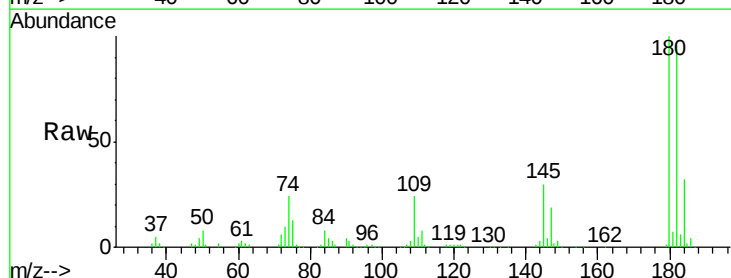
Manual Integrations
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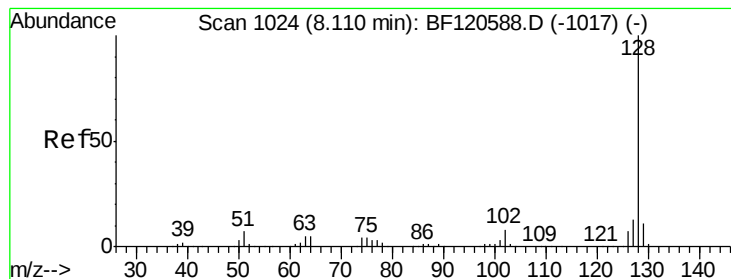
mohammad
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#30
1,2,4-Trichlorobenzene
Concen: 40.364 ng
RT: 8.02 min Scan# 1008
Delta R.T. -0.01 min
Lab File: BF120712.D
Acq: 26 Jun 2020 16:47

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	95.8	75.8	113.6
145	30.2	23.0	34.6





#31

Naphthalene

Concen: 41.416 ng

RT: 8.10 min Scan# 1022

Delta R.T. -0.01 min

Lab File: BF120712.D

Acq: 26 Jun 2020 16:47

Instrument :

BNA_F

ClientSampleId :

PB129807BS

Tot Ion:128 Resp: 1103324

Ion Ratio Lower Upper

128 100

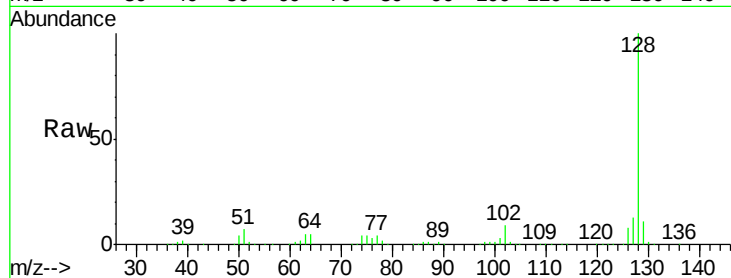
129 11.1 8.8 13.2

127 13.2 10.6 15.8

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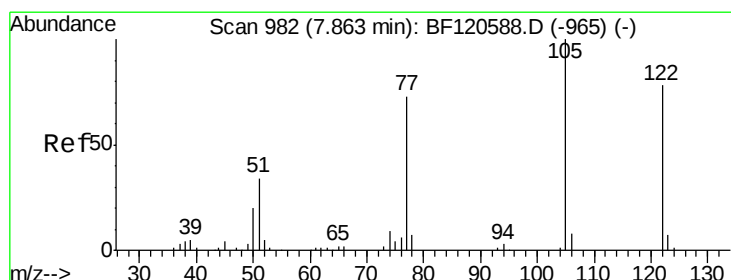
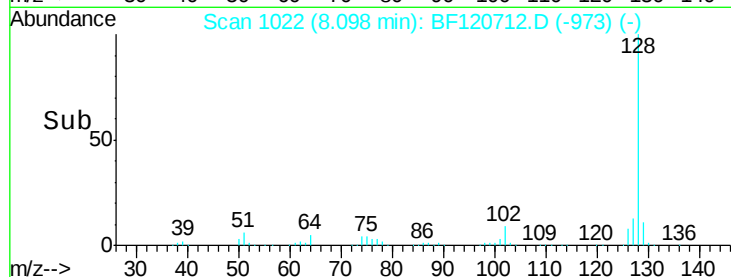
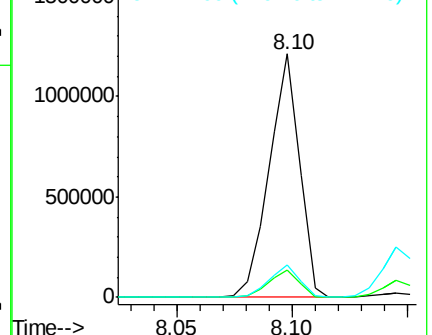
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 31.385 ng

RT: 7.87 min Scan# 983

Delta R.T. 0.01 min

Lab File: BF120712.D

Acq: 26 Jun 2020 16:47

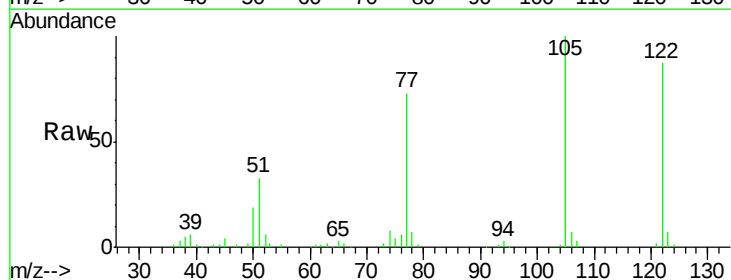
Tgt Ion:122 Resp: 190517

Ion Ratio Lower Upper

122 100

105 115.6 101.0 141.0

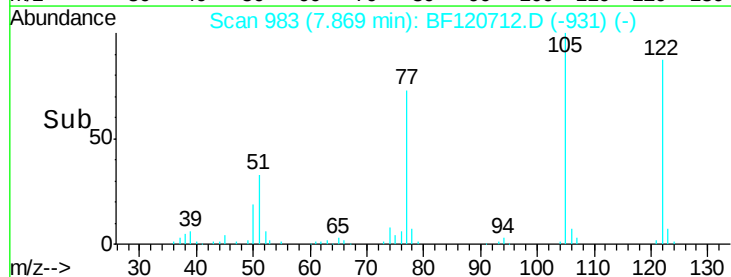
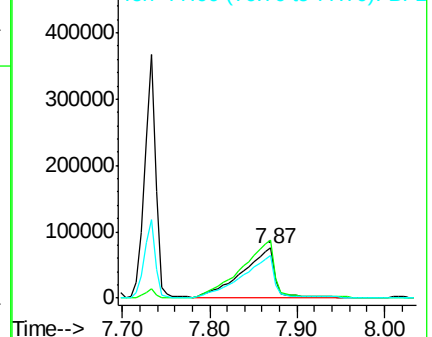
77 84.6 69.8 109.8



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





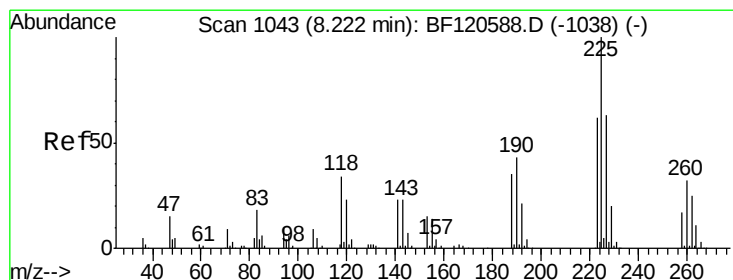
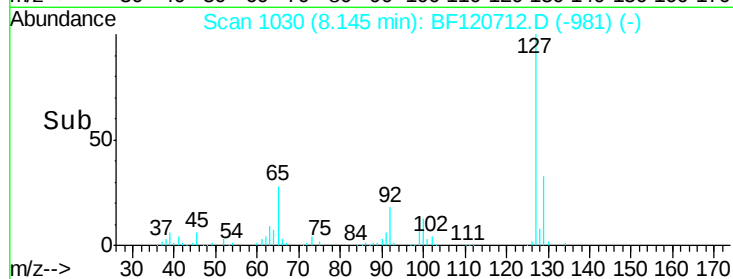
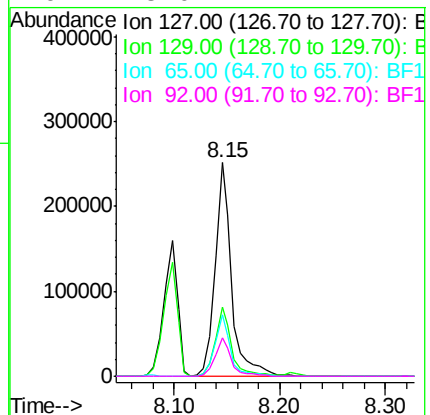
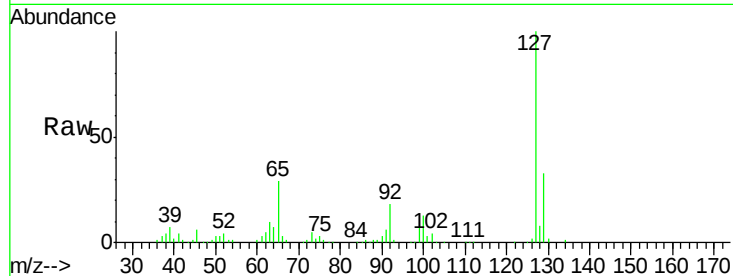
#33
4-Chloroaniline
Concen: 22.737 ng
RT: 8.15 min Scan# 1030
Delta R.T. -0.01 min
Lab File: BF120712.D
Acq: 26 Jun 2020 16:47

Instrument :
BNA_F
ClientSampleId :
PB129807BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		278016		
129	32.6		25.9	38.9	
65	28.6		22.2	33.4	
92	18.0		14.2	21.2	

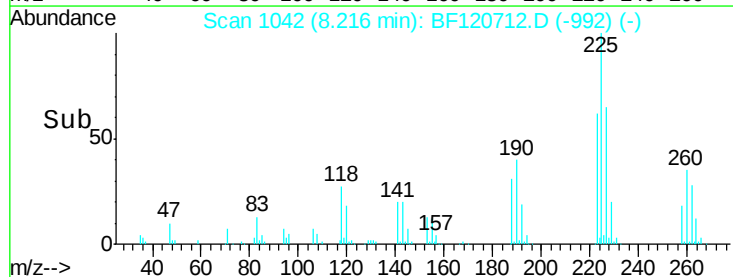
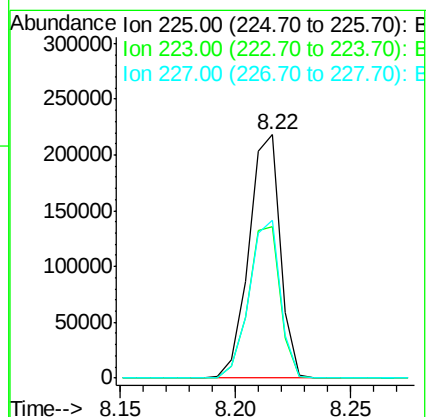
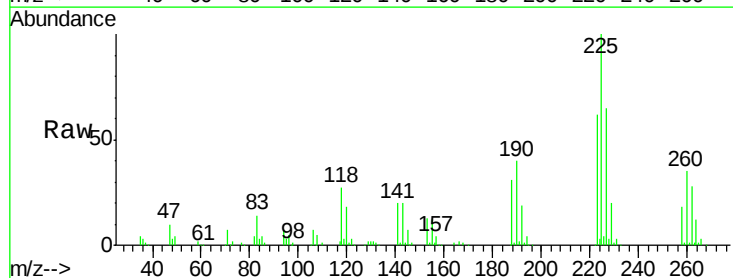
Manual Integrations
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#34
Hexachlorobutadiene
Concen: 39.886 ng
RT: 8.22 min Scan# 1042
Delta R.T. -0.01 min
Lab File: BF120712.D
Acq: 26 Jun 2020 16:47

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		207211		
223	62.2		49.9	74.9	
227	64.6		50.5	75.7	





#35

Caprolactam

Concen: 40.860 ng/mL

RT: 8.52 min Scan# 1094

Delta R.T. -0.01 min

Lab File: BF120712.D

Acq: 26 Jun 2020 16:47

Instrument :

BNA_F

ClientSampleId :

PB129807BS

Tot Ion: 113 Resp: 105098

Ion Ratio Lower Upper

113 100

55 160.6 133.1 173.1

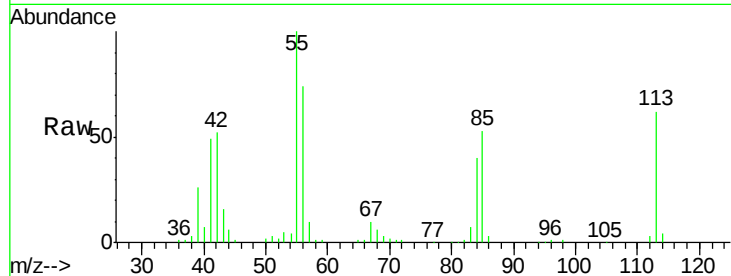
56 118.3 98.4 138.4

Manual Integrations

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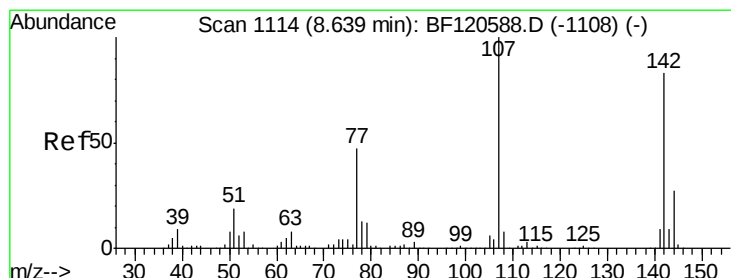
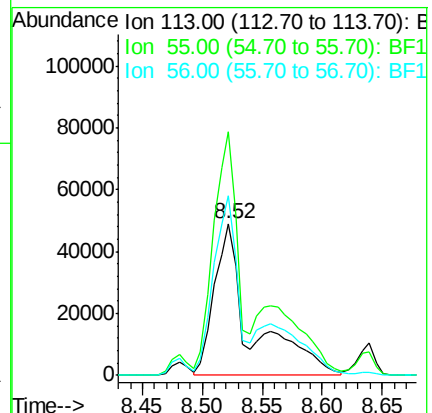
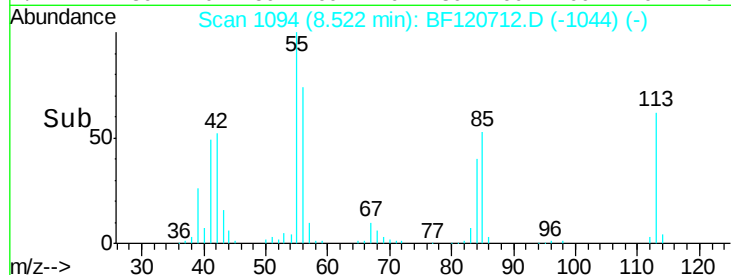
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 41.857 ng/mL

RT: 8.64 min Scan# 1114

Delta R.T. 0.00 min

Lab File: BF120712.D

Acq: 26 Jun 2020 16:47

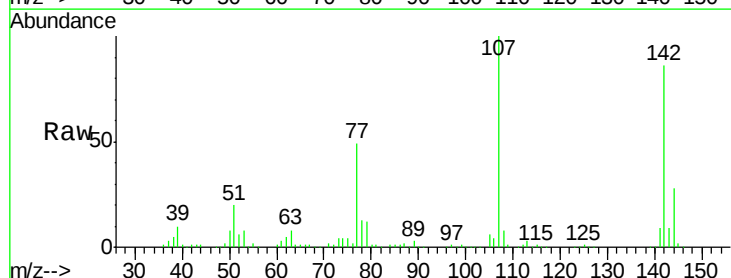
Tgt Ion: 107 Resp: 336312

Ion Ratio Lower Upper

107 100

144 27.6 21.4 32.2

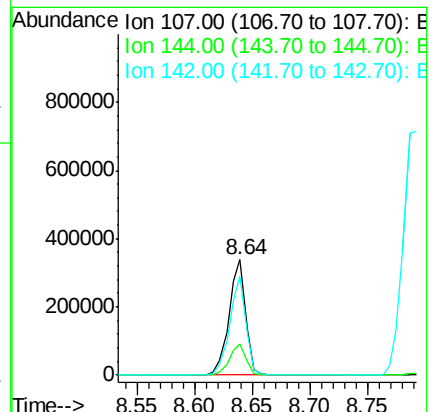
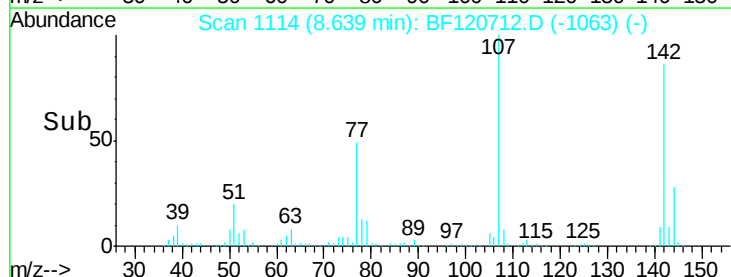
142 86.0 66.3 99.5

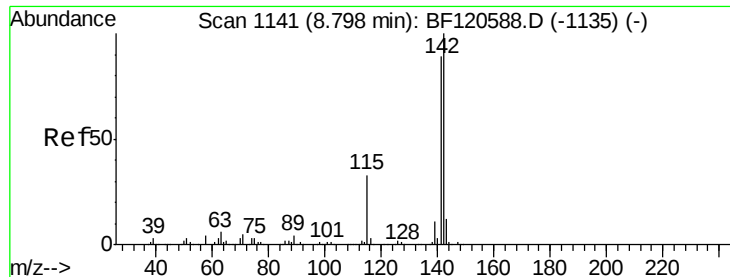


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





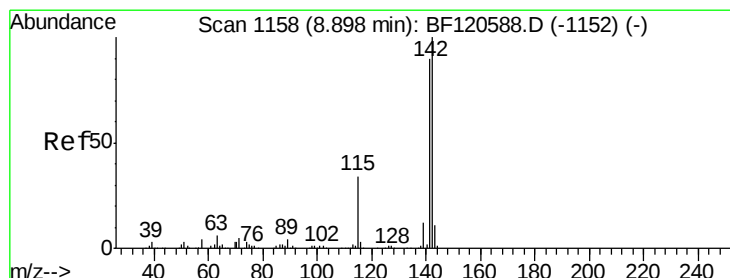
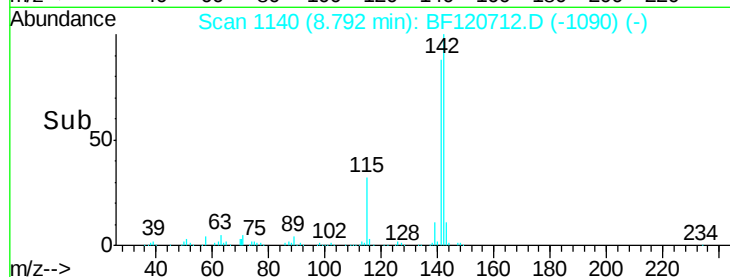
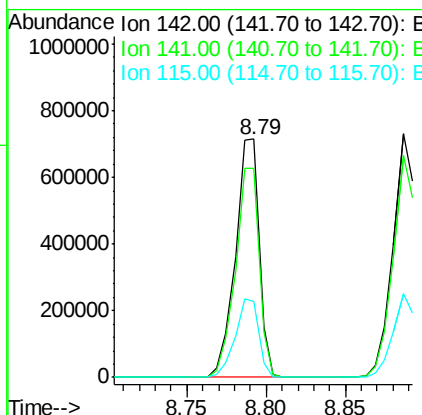
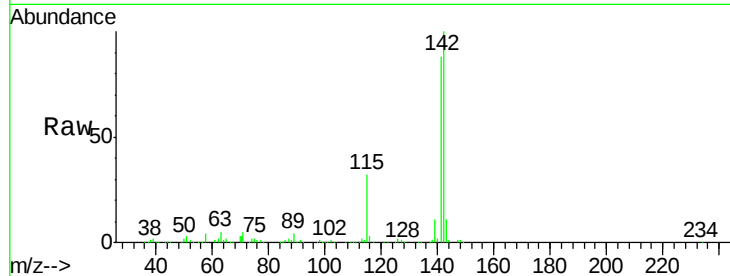
#37
2-Methylnaphthalene
Concen: 42.919 ng
RT: 8.79 min Scan# 1140
Delta R.T. -0.01 min
Lab File: BF120712.D
Acq: 26 Jun 2020 16:47

Instrument :
BNA_F
ClientSampleId :
PB129807BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	87.9	71.4	107.0
115	31.9	26.1	39.1

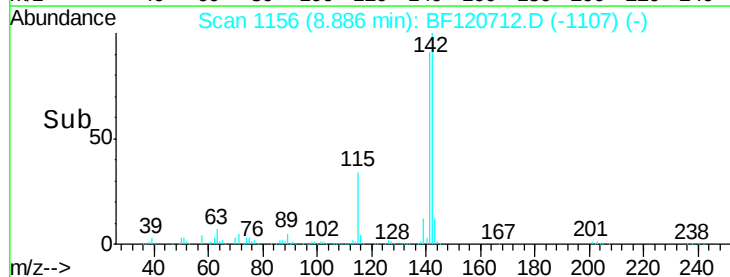
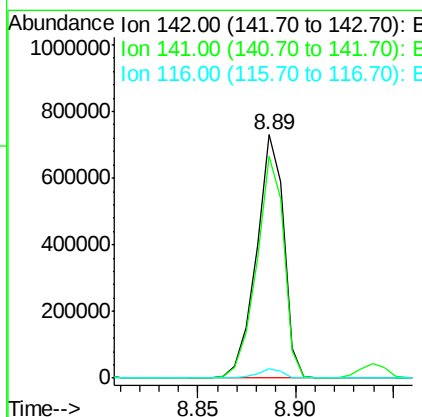
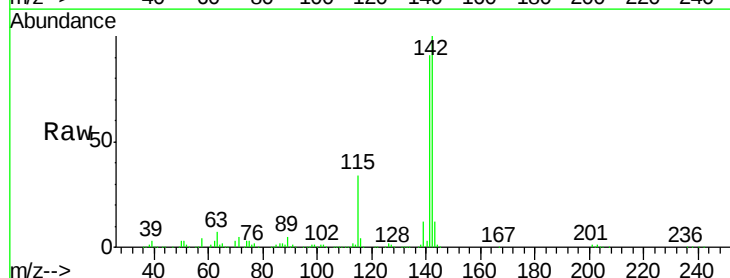
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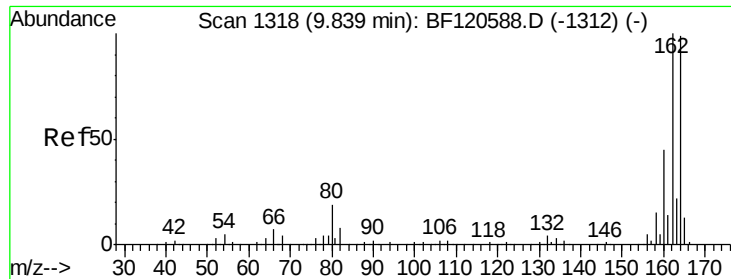
mohammad
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#38
1-Methylnaphthalene
Concen: 43.209 ng
RT: 8.89 min Scan# 1156
Delta R.T. -0.01 min
Lab File: BF120712.D
Acq: 26 Jun 2020 16:47

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.9	72.1	108.1
116	3.7	2.7	4.1





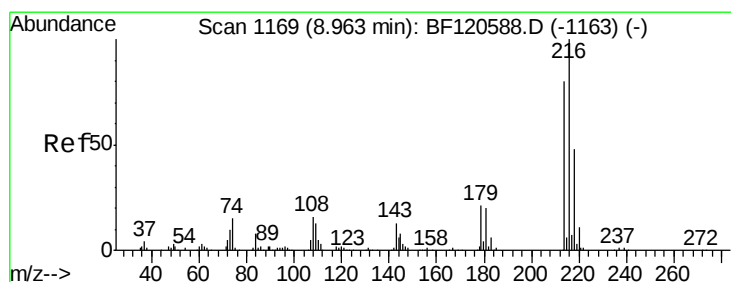
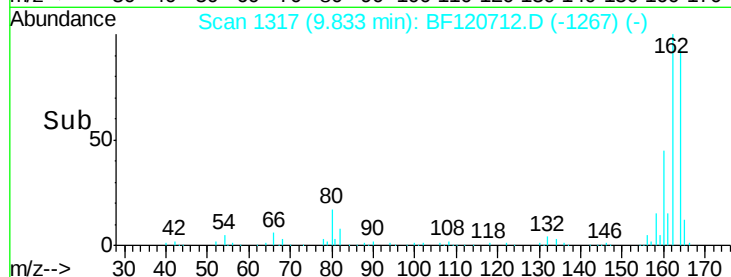
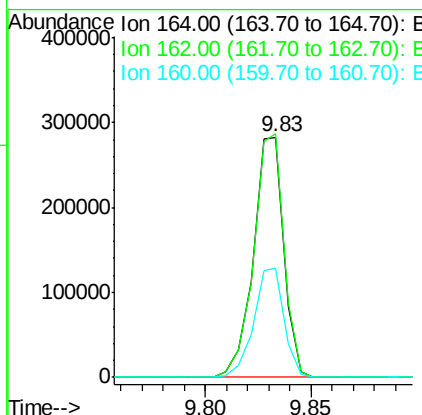
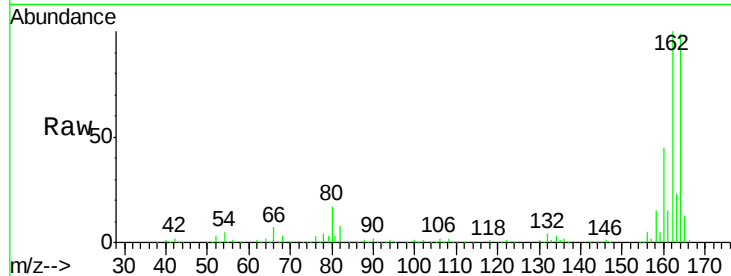
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.01 min
Lab File: BF120712.D
Acq: 26 Jun 2020 16:47

Instrument :
BNA_F
ClientSampleId :
PB129807BS

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	101.3	80.6	120.8	
160	45.3	36.2	54.2	

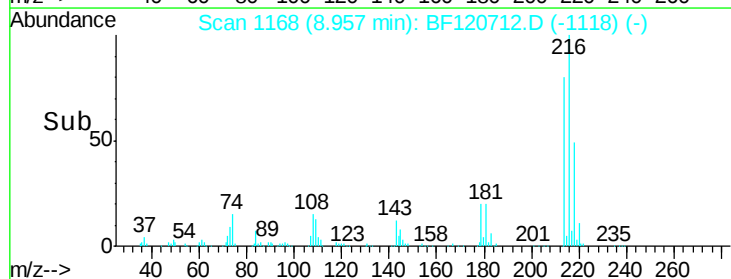
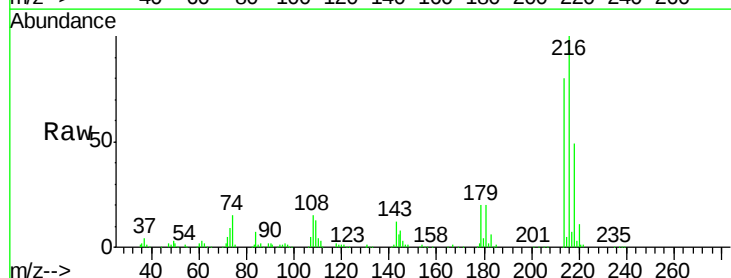
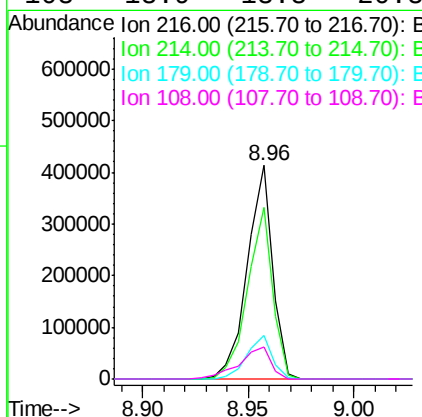
Manual Integrations
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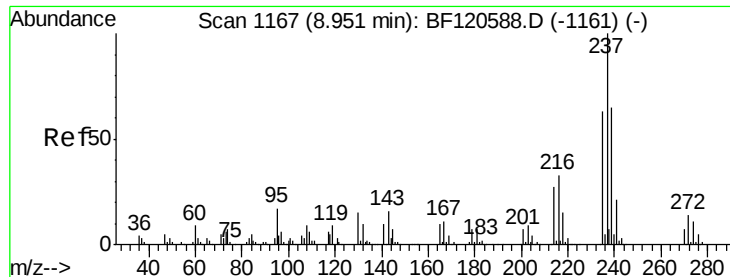
mohammad
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.585 ng
RT: 8.96 min Scan# 1168
Delta R.T. -0.01 min
Lab File: BF120712.D
Acq: 26 Jun 2020 16:47

Tgt Ion	Ratio	Resp	Lower	Upper
216	100			
214	79.6	63.8	95.6	
179	20.2	16.4	24.6	
108	18.9	13.8	20.8	





#41

Hexachlorocyclopentadiene

Concen: 78.895 ng

RT: 8.94 min Scan# 1165

Delta R.T. -0.01 min

Lab File: BF120712.D

Acq: 26 Jun 2020 16:47

Instrument :

BNA_F

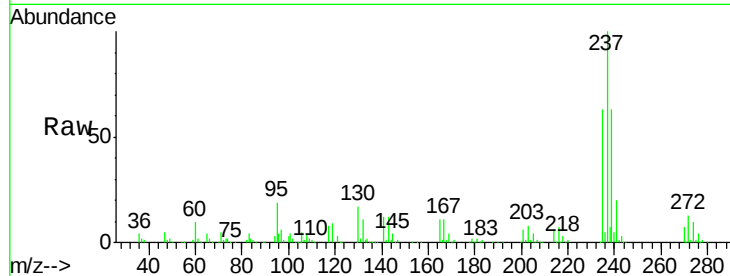
ClientSampleId :

PB129807BS

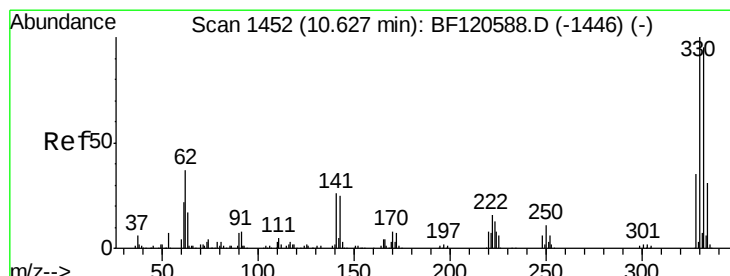
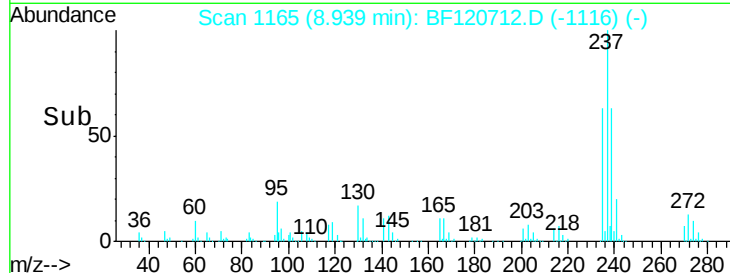
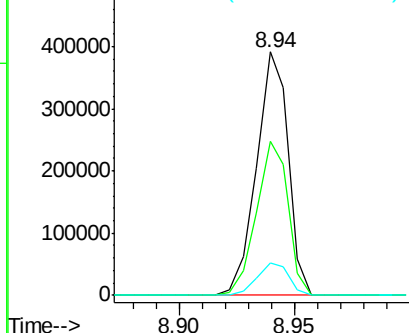
Tot Ion:	237	Resp:	375010
Ion Ratio	Lower	Upper	
237	100		
235	63.1	43.2	83.2
272	13.3	0.0	33.9

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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: 111.065 ng

RT: 10.62 min Scan# 1451

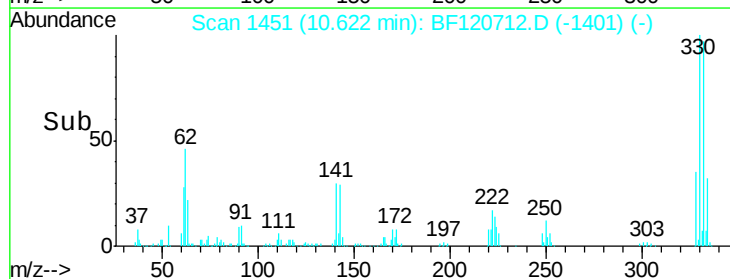
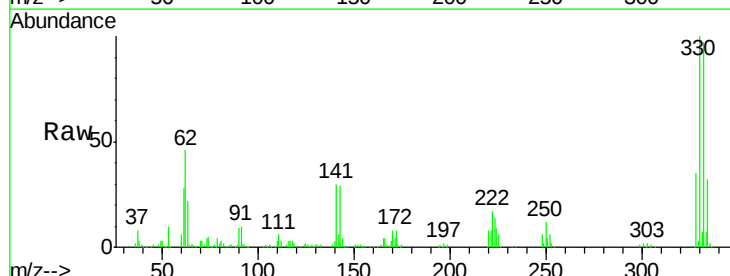
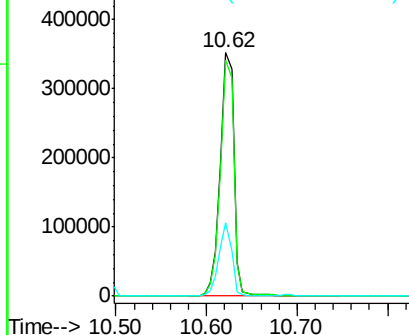
Delta R.T. -0.01 min

Lab File: BF120712.D

Acq: 26 Jun 2020 16:47

Tgt Ion:	330	Resp:	366825
Ion Ratio	Lower	Upper	
330	100		
332	96.1	76.8	115.2
141	28.2	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





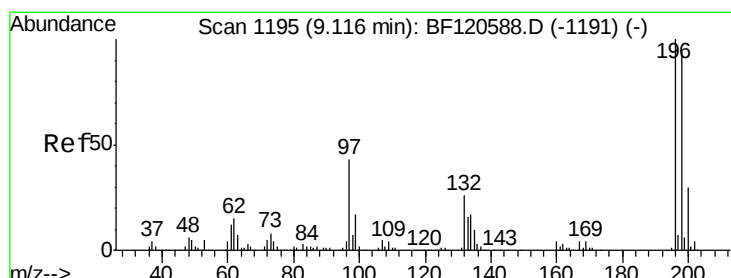
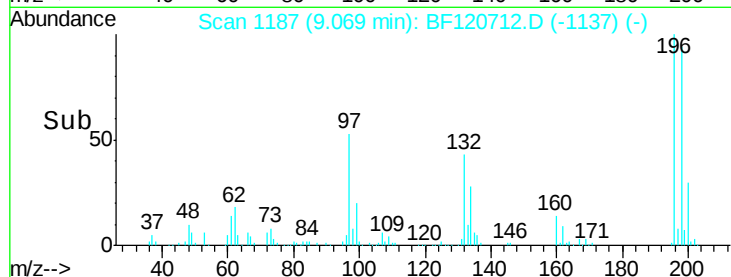
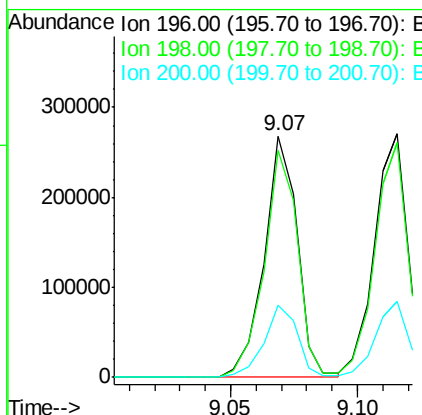
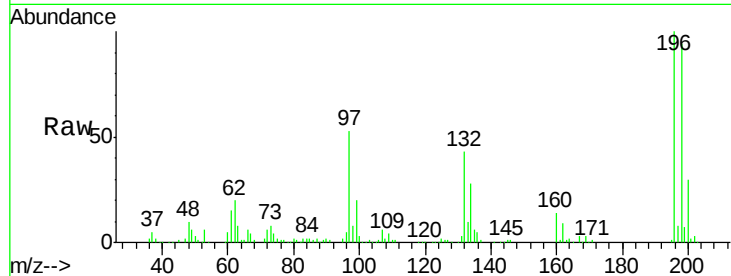
#43
 2,4,6-Trichlorophenol
 Concen: 40.560 ng
 RT: 9.07 min Scan# 1187
 Delta R.T. -0.01 min
 Lab File: BF120712.D
 Acq: 26 Jun 2020 16:47

Instrument :
 BNA_F
 ClientSampleId :
 PB129807BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	244053		
198	94.2	76.2	114.2	
200	29.7	24.6	37.0	

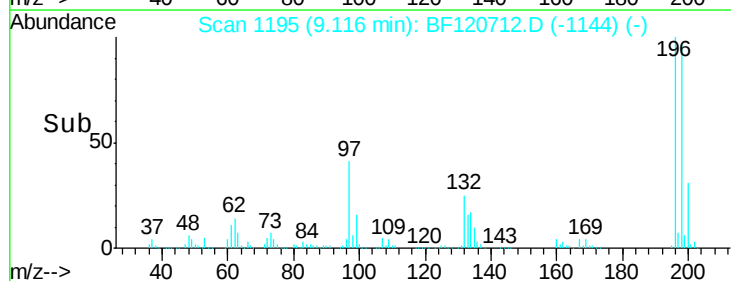
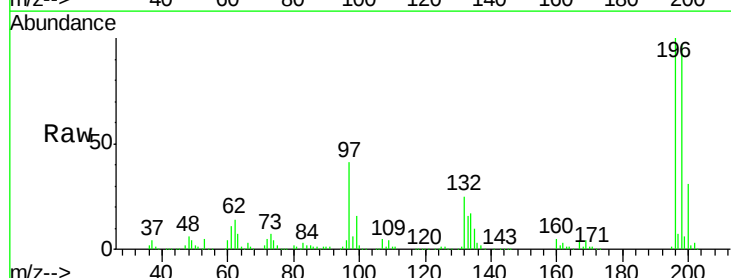
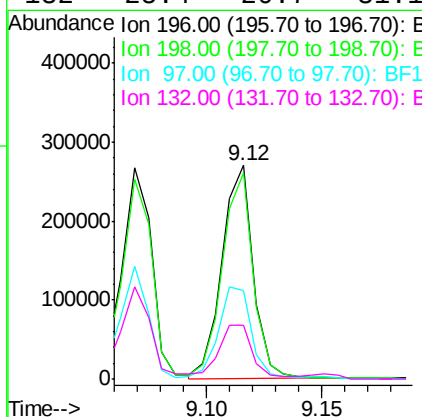
Manual Integrations
 APPROVED

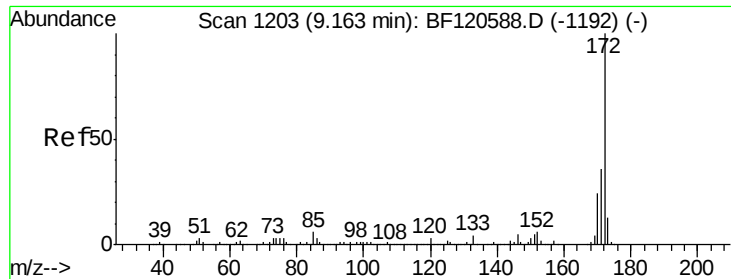
mohammad
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#44
 2,4,5-Trichlorophenol
 Concen: 37.180 ng
 RT: 9.12 min Scan# 1195
 Delta R.T. 0.00 min
 Lab File: BF120712.D
 Acq: 26 Jun 2020 16:47

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	253810		
198	96.6	75.5	113.3	
97	41.4	34.4	51.6	
132	25.4	20.7	31.1	





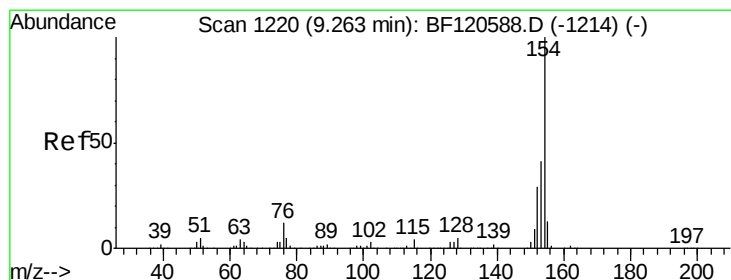
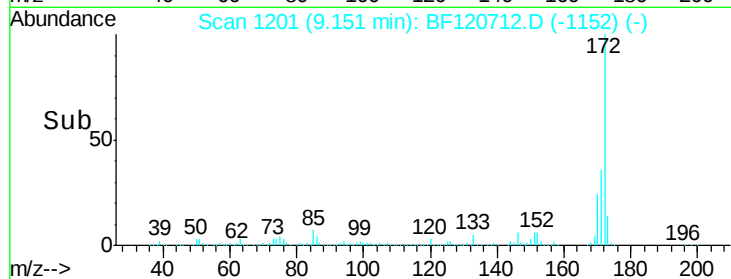
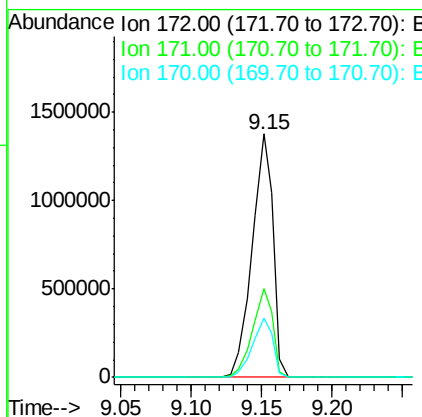
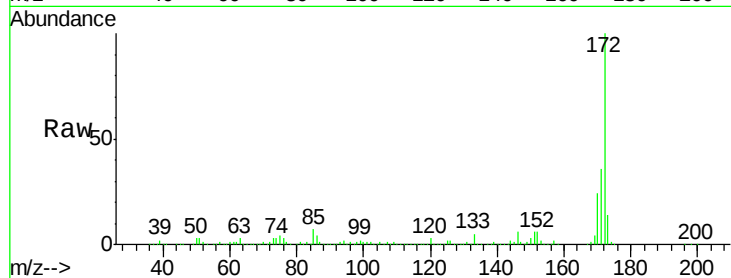
#45
2-Fluorobiphenyl
Concen: 77.042 ng
RT: 9.15 min Scan# 1201
Delta R.T. -0.01 min
Lab File: BF120712.D
Acq: 26 Jun 2020 16:47

Instrument :
BNA_F
ClientSampleId :
PB129807BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.0	43.4
170	24.2	19.4	29.2

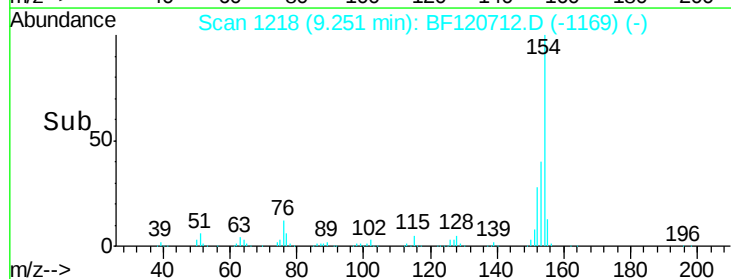
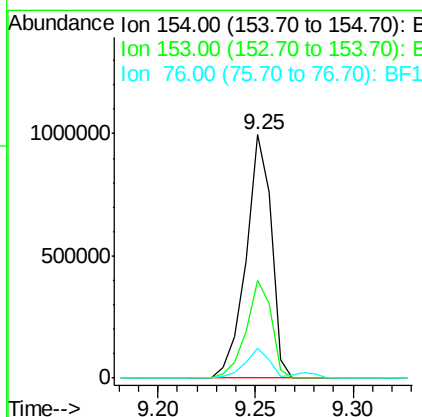
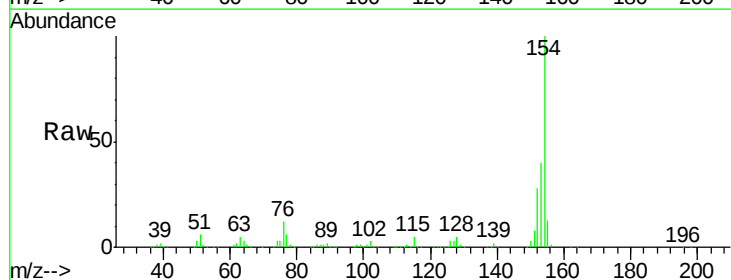
Manual Integrations
APPROVED

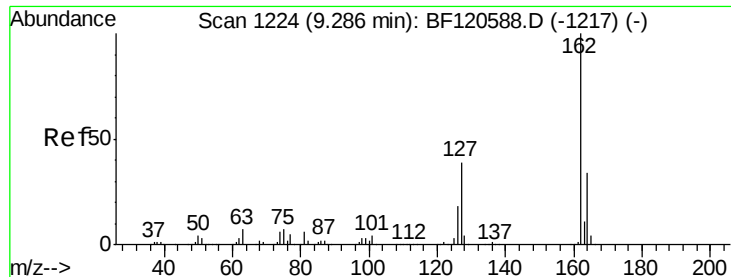
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#46
1,1'-Biphenyl
Concen: 42.172 ng
RT: 9.25 min Scan# 1218
Delta R.T. -0.01 min
Lab File: BF120712.D
Acq: 26 Jun 2020 16:47

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.4	21.4	61.4
76	12.2	0.0	31.6





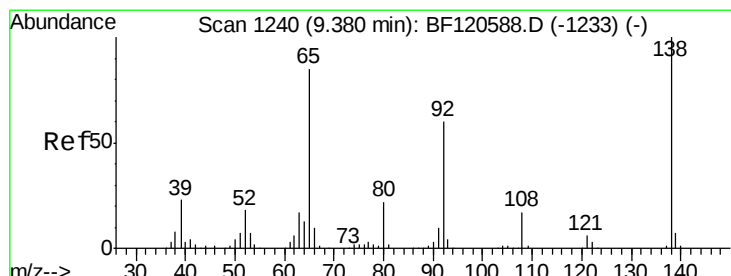
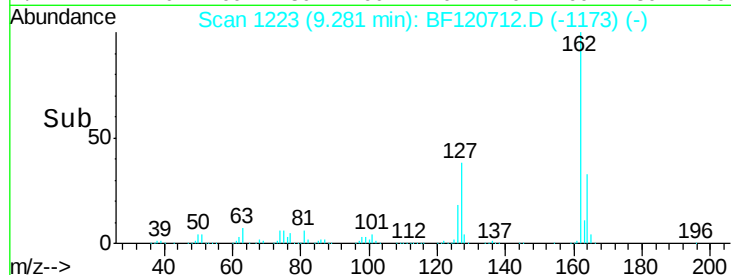
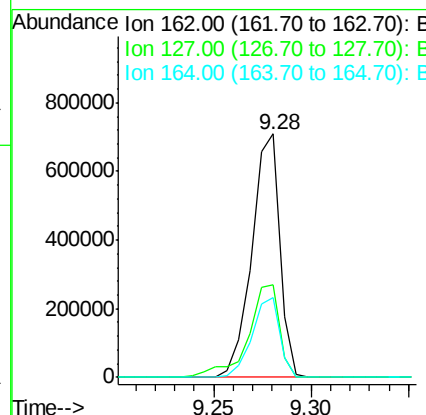
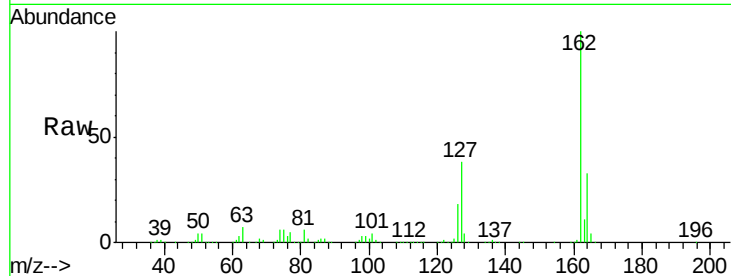
#47
 2-Chloronaphthalene
 Concen: 40.625 ng
 RT: 9.28 min Scan# 1223
 Delta R.T. -0.01 min
 Lab File: BF120712.D
 Acq: 26 Jun 2020 16:47

Instrument :
 BNA_F
 ClientSampleId :
 PB129807BS

Tot Ion:	162	Resp:	704687
Ion Ratio	Lower	Upper	
162	100		
127	38.0	31.3	46.9
164	33.0	26.9	40.3

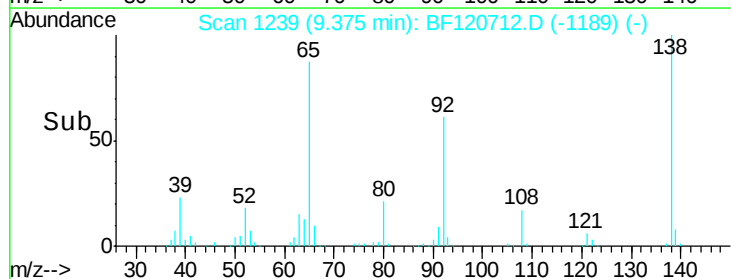
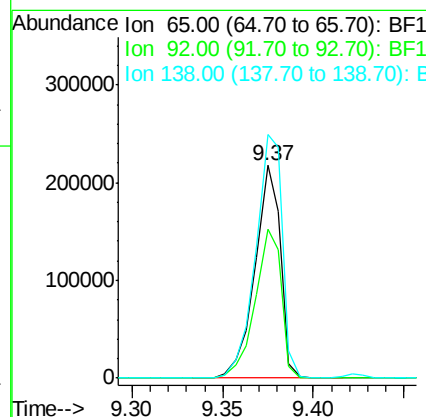
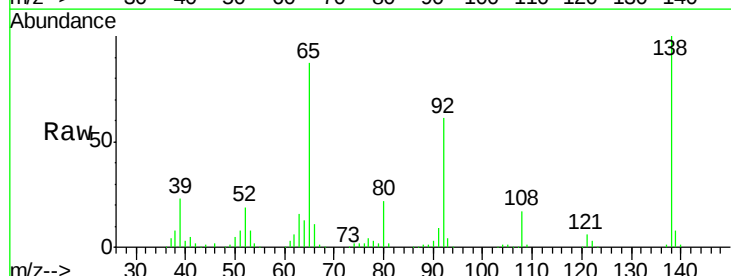
Manual Integrations
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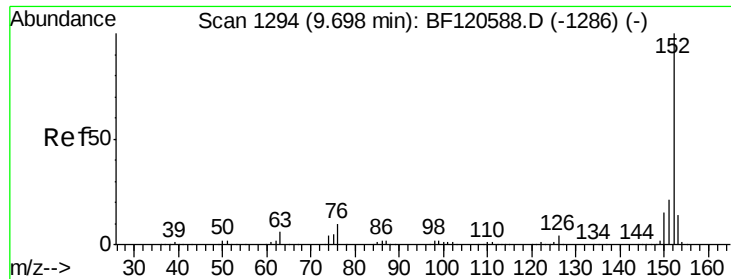
mohammad
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#48
 2-Nitroaniline
 Concen: 38.945 ng
 RT: 9.37 min Scan# 1239
 Delta R.T. -0.01 min
 Lab File: BF120712.D
 Acq: 26 Jun 2020 16:47

Tgt Ion:	65	Resp:	212168
Ion Ratio	Lower	Upper	
65	100		
92	70.3	56.0	84.0
138	114.6	94.0	141.0





#49

Acenaphthylene

Concen: 41.187 ng

RT: 9.69 min Scan# 1293

Delta R.T. -0.01 min

Lab File: BF120712.D

Acq: 26 Jun 2020 16:47

Instrument :

BNA_F

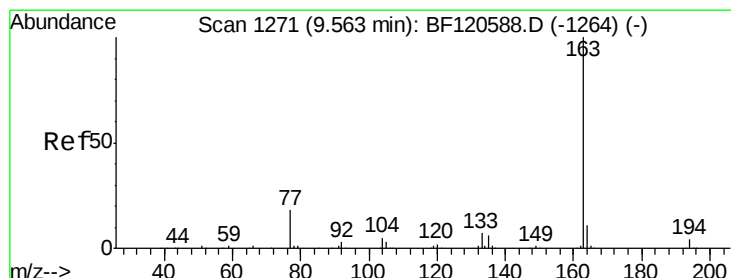
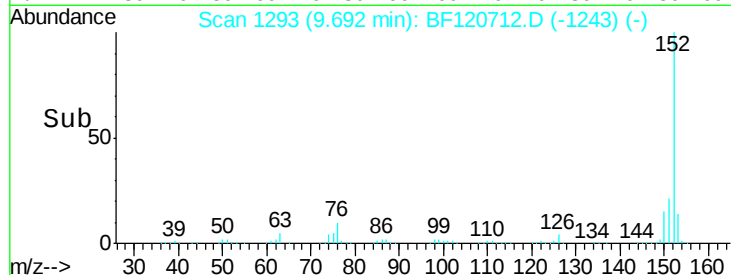
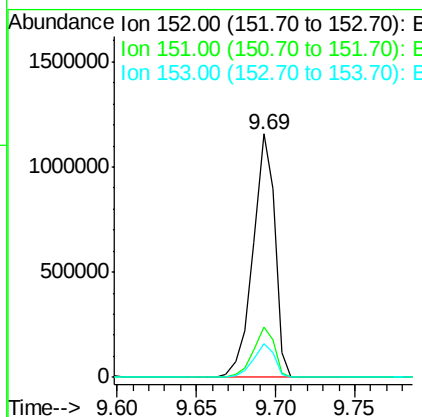
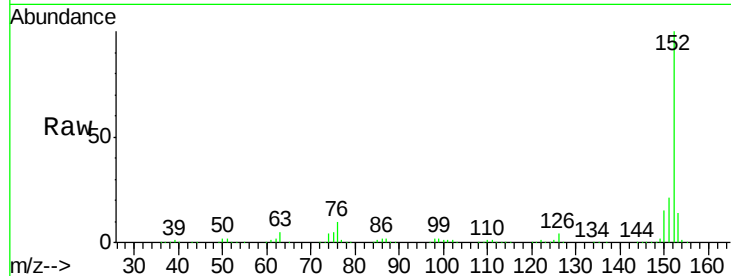
ClientSampleId :

PB129807BS

Tot Ion:	152	Resp:	1102601
Ion Ratio	Lower	Upper	
152	100		
151	20.8	16.6	25.0
153	13.7	11.0	16.6

Manual Integrations
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#50

Dimethylphthalate

Concen: 41.078 ng

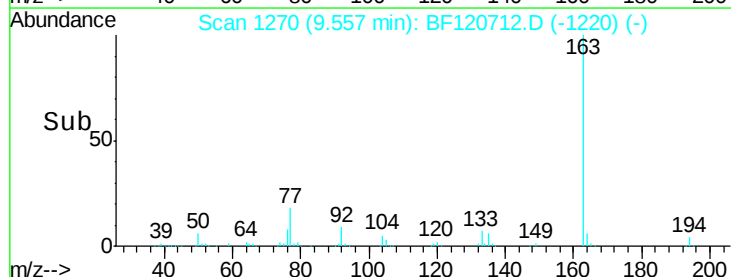
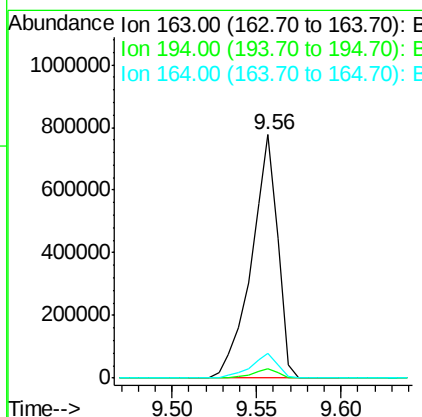
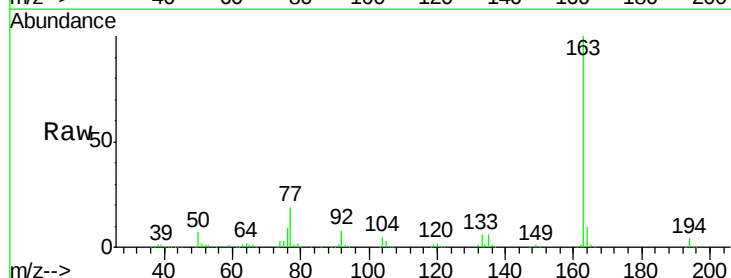
RT: 9.56 min Scan# 1270

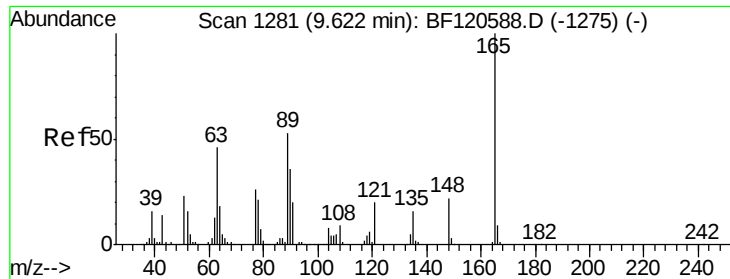
Delta R.T. -0.01 min

Lab File: BF120712.D

Acq: 26 Jun 2020 16:47

Tgt Ion:	163	Resp:	840424
Ion Ratio	Lower	Upper	
163	100		
194	3.9	3.1	4.7
164	10.3	8.5	12.7





#51

2,6-Dinitrotoluene

Concen: 40.998 ng

RT: 9.62 min Scan# 1280

Delta R.T. -0.01 min

Lab File: BF120712.D

Acq: 26 Jun 2020 16:47

Instrument :

BNA_F

ClientSampleId :

PB129807BS

Tot Ion:165 Resp: 190095

Ion Ratio Lower Upper

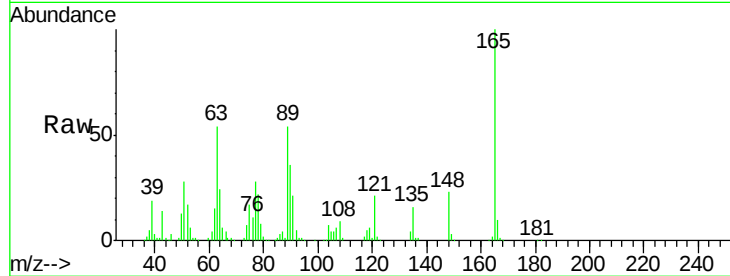
165 100

63 54.2 41.7 62.5

89 54.0 42.6 64.0

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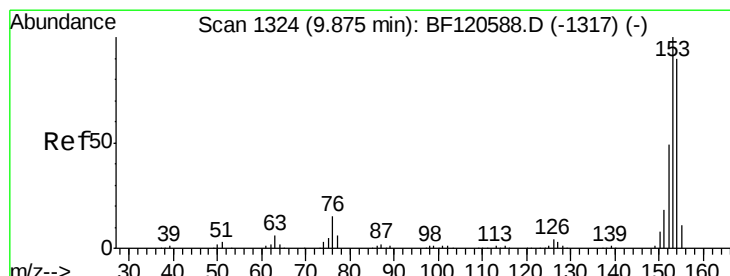
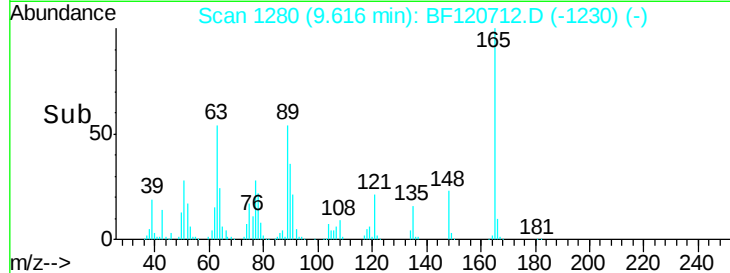
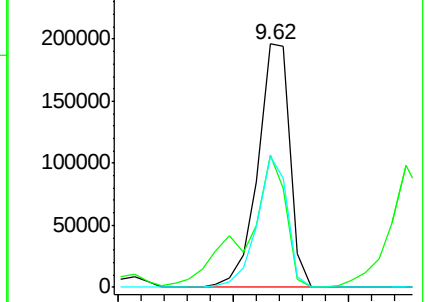
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Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#52

Acenaphthene

Concen: 40.538 ng

RT: 9.86 min Scan# 1322

Delta R.T. -0.01 min

Lab File: BF120712.D

Acq: 26 Jun 2020 16:47

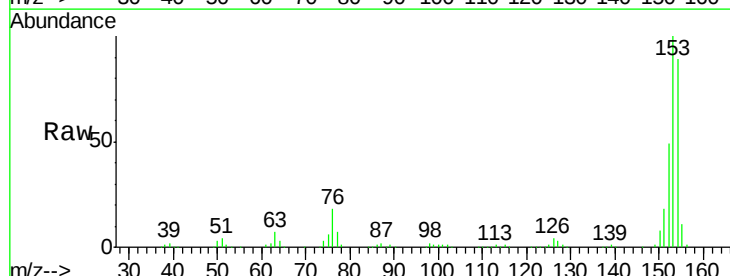
Tgt Ion:154 Resp: 647234

Ion Ratio Lower Upper

154 100

153 112.3 89.1 133.7

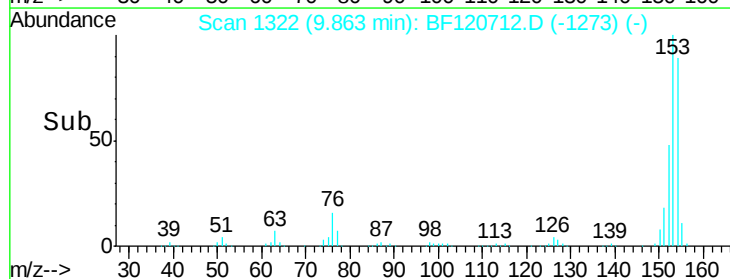
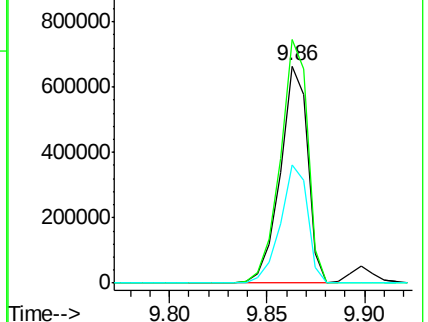
152 54.5 43.7 65.5



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





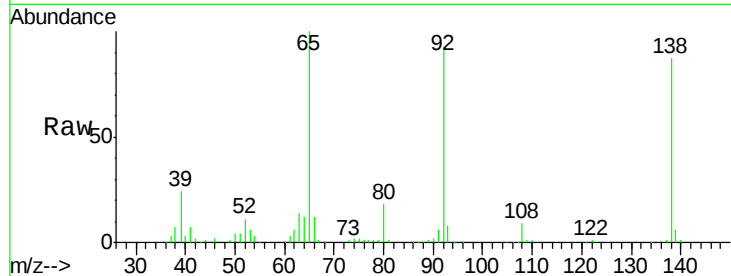
#53
 3-Nitroaniline
 Concen: 23.336 ng
 RT: 9.79 min Scan# 1309
 Delta R.T. -0.01 min
 Lab File: BF120712.D
 Acq: 26 Jun 2020 16:47

Instrument :
 BNA_F
 ClientSampleId :
 PB129807BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	9.9	8.0	12.0
92	106.1	86.0	129.0

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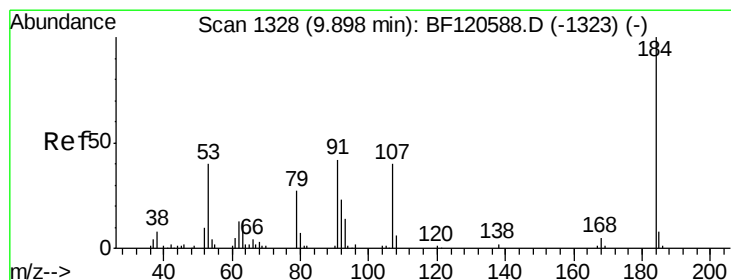
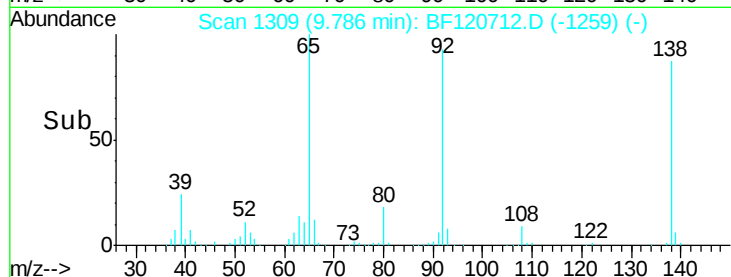
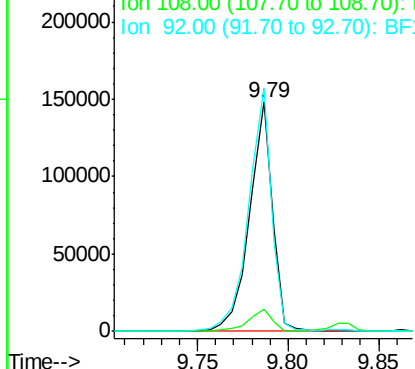


Abundance

Ion 138.00 (137.70 to 138.70): E

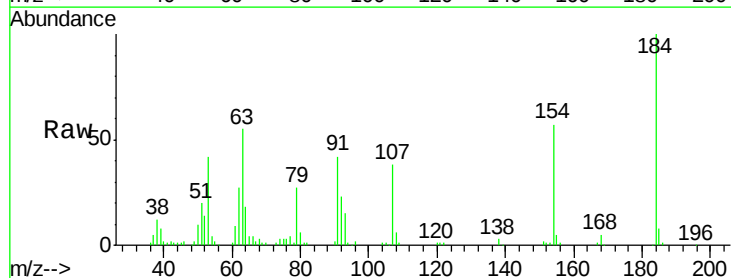
Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#54
 2,4-Dinitrophenol
 Concen: 34.307 ng
 RT: 9.90 min Scan# 1328
 Delta R.T. 0.00 min
 Lab File: BF120712.D
 Acq: 26 Jun 2020 16:47

Tgt Ion	Ratio	Lower	Upper
184	100		
63	55.5	44.2	66.2
154	57.1	45.9	68.9

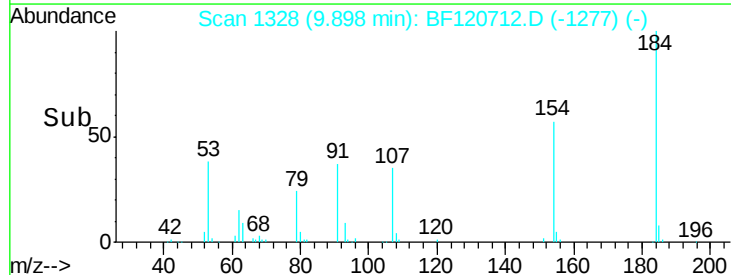
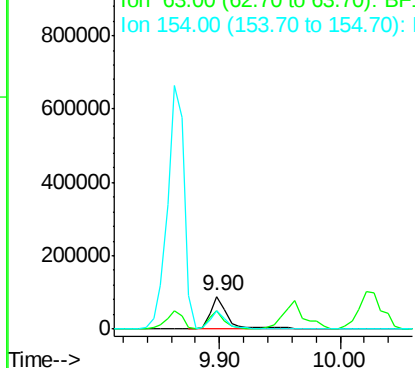


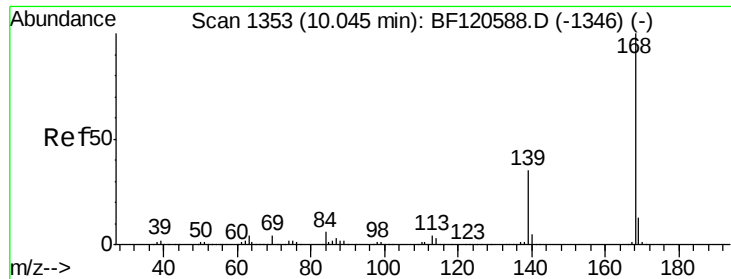
Abundance

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: 40.126 ng

RT: 10.04 min Scan# 1352

Delta R.T. -0.01 min

Lab File: BF120712.D

Acq: 26 Jun 2020 16:47

Instrument :

BNA_F

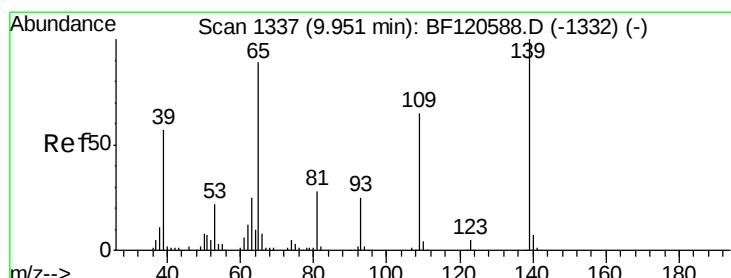
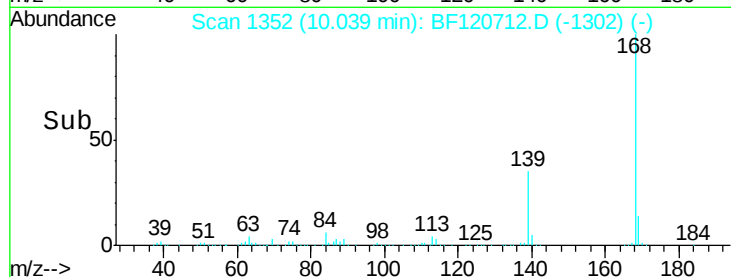
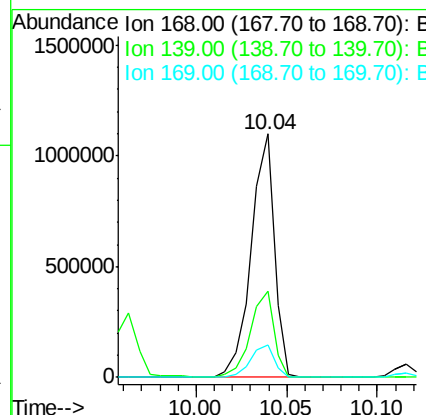
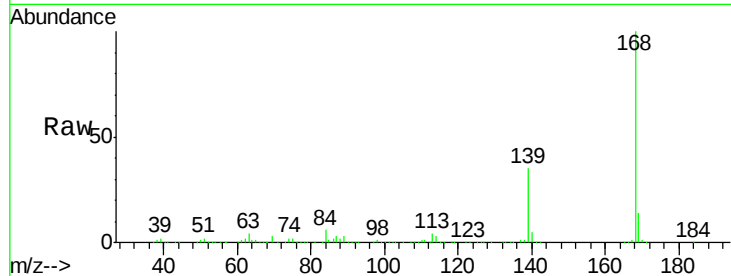
ClientSampleId :

PB129807BS

Tot Ion:	168	Resp:	982315
Ion Ratio	Lower	Upper	
168	100		
139	35.5	28.1	42.1
169	13.5	10.6	16.0

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#56

4-Nitrophenol

Concen: 67.528 ng

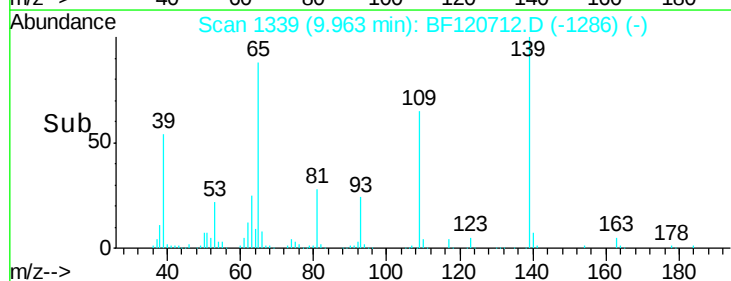
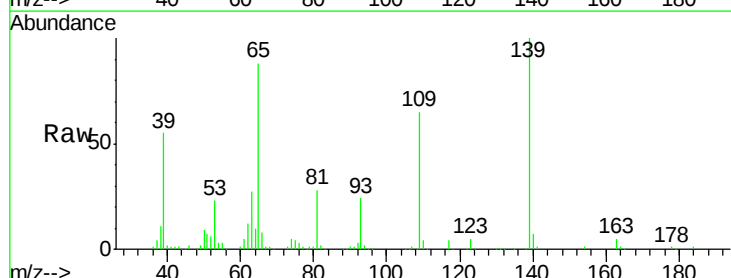
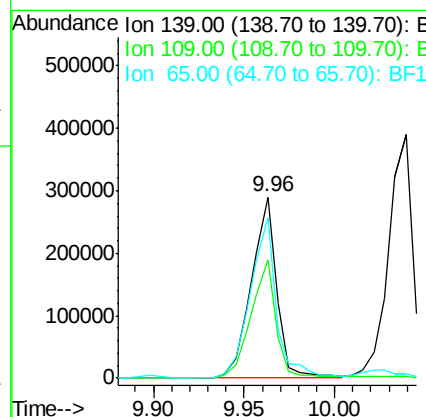
RT: 9.96 min Scan# 1339

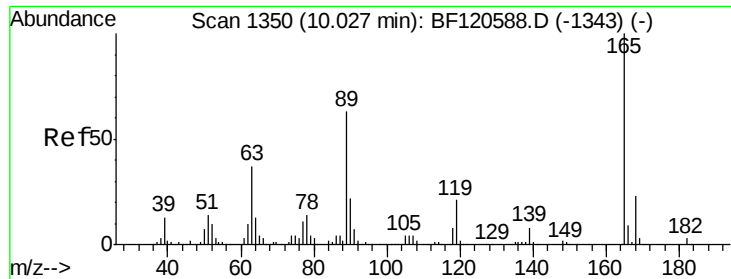
Delta R.T. 0.01 min

Lab File: BF120712.D

Acq: 26 Jun 2020 16:47

Tgt Ion:	139	Resp:	283237
Ion Ratio	Lower	Upper	
139	100		
109	65.0	44.6	84.6
65	88.2	69.2	109.2





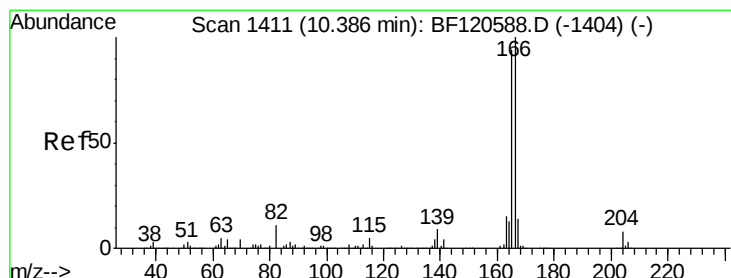
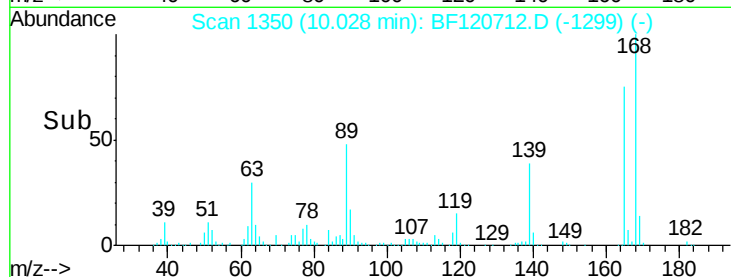
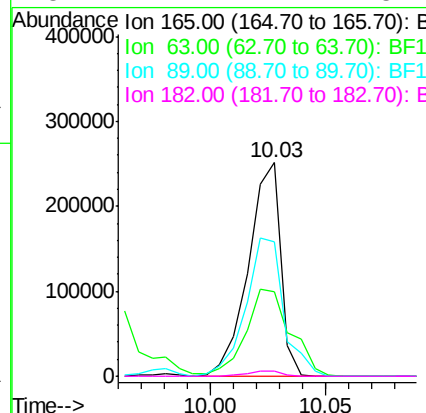
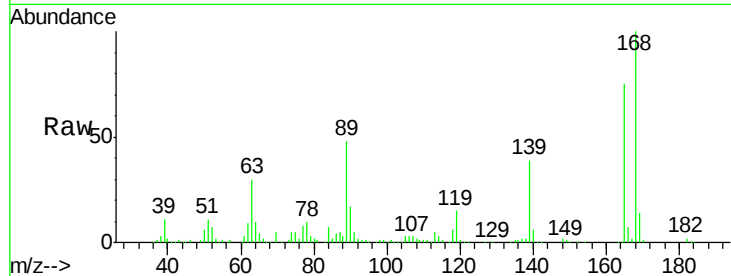
#57
2,4-Dinitrotoluene
Concen: 40.043 ng
RT: 10.03 min Scan# 1350
Delta R.T. 0.00 min
Lab File: BF120712.D
Acq: 26 Jun 2020 16:47

Instrument :
BNA_F
ClientSampleId :
PB129807BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	246367		
63	39.8	29.8	44.8	
89	63.2	50.4	75.6	
182	2.4	2.1	3.1	

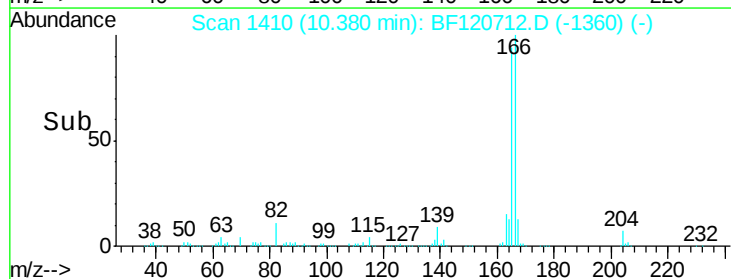
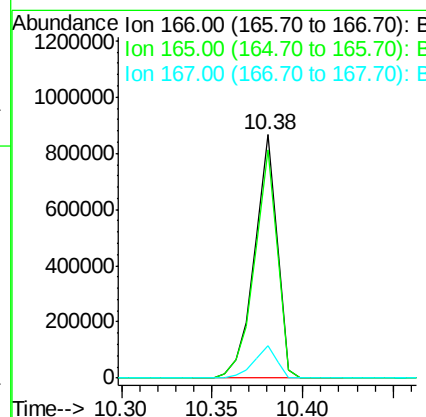
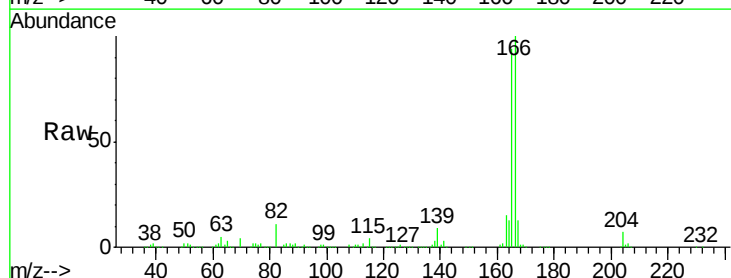
Manual Integrations
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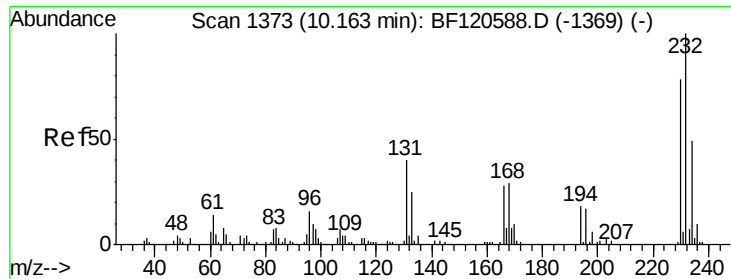
mohammad
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#58
Fluorene
Concen: 40.030 ng
RT: 10.38 min Scan# 1410
Delta R.T. -0.01 min
Lab File: BF120712.D
Acq: 26 Jun 2020 16:47

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	755454		
165	93.7	75.0	112.6	
167	13.3	11.0	16.4	





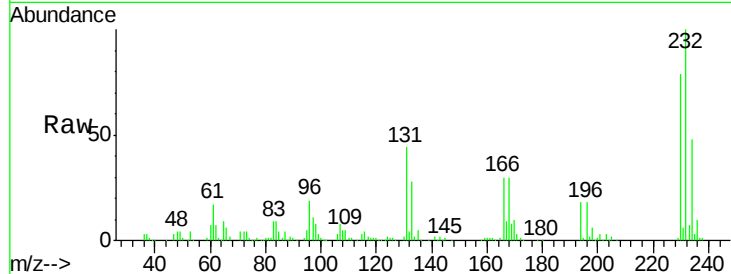
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 40.634 ng
 RT: 10.16 min Scan# 1372
 Delta R.T. -0.01 min
 Lab File: BF120712.D
 Acq: 26 Jun 2020 16:47

Instrument :
 BNA_F
 ClientSampleId :
 PB129807BS

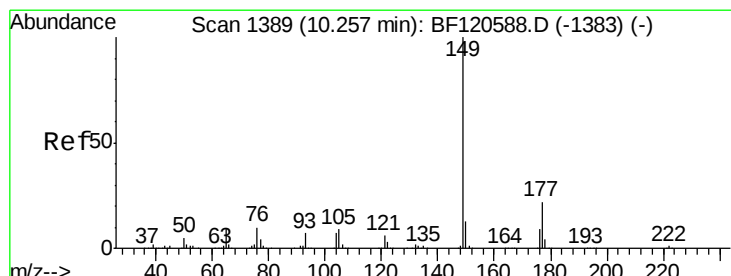
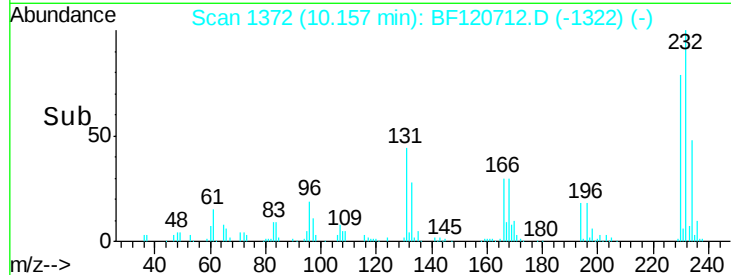
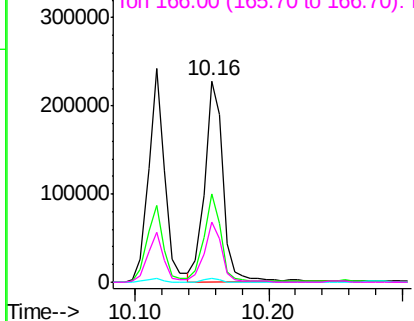
Tot Ion	Ratio	Resp	Lower	Upper
232	100	218231		
131	41.6	33.5	50.3	
130	1.9	1.5	2.3	
166	28.3	23.4	35.0	

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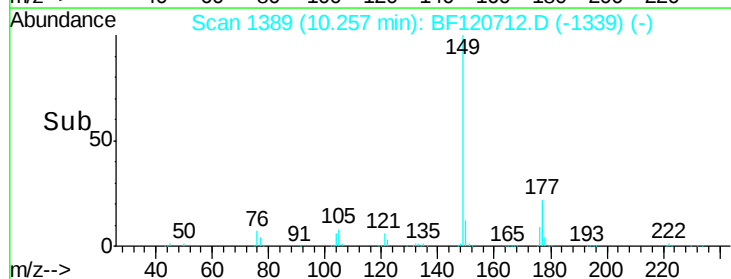
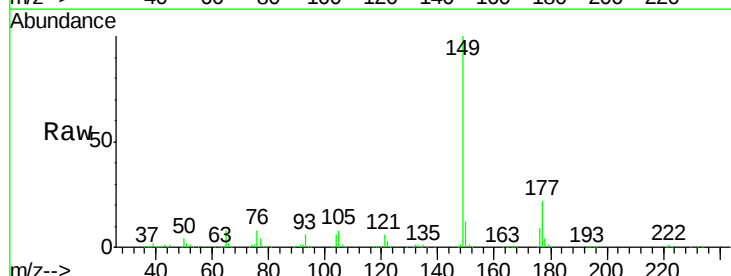
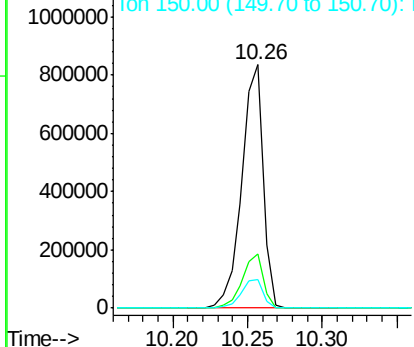
Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

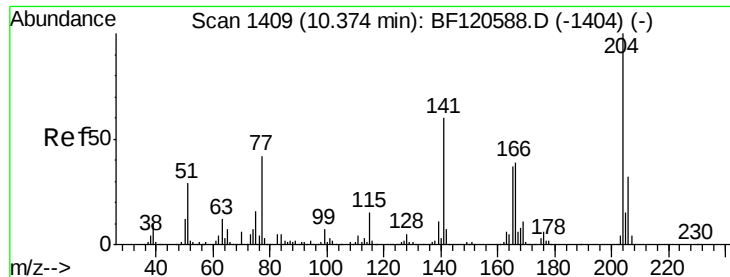


#60
 Diethylphthalate
 Concen: 41.103 ng
 RT: 10.26 min Scan# 1389
 Delta R.T. -0.01 min
 Lab File: BF120712.D
 Acq: 26 Jun 2020 16:47

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	828236		
177	22.4	17.3	25.9	
150	12.0	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





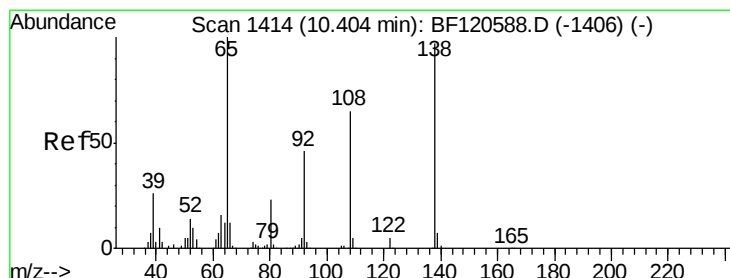
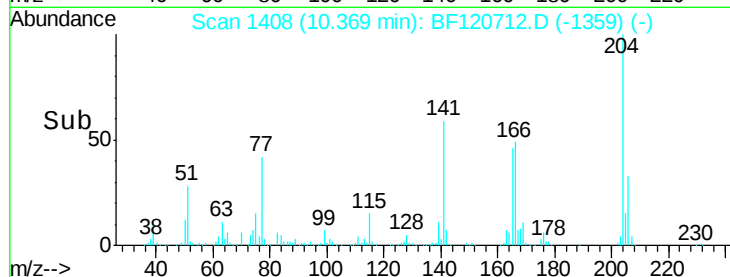
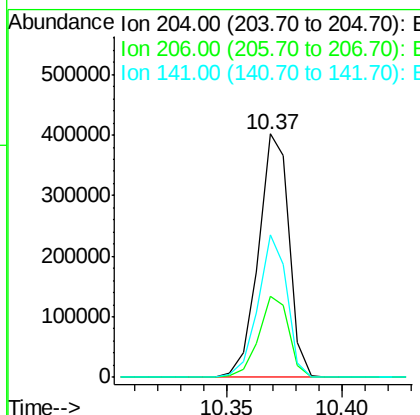
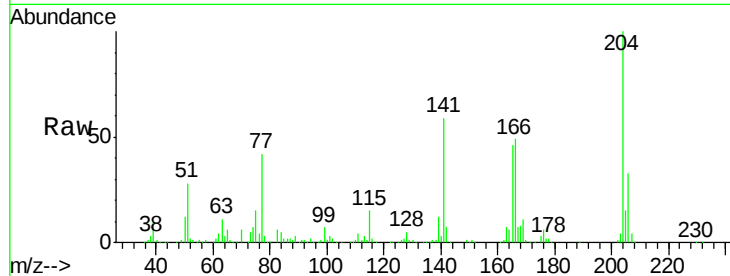
#61
 4-Chlorophenyl-phenylether
 Concen: 37.982 ng
 RT: 10.37 min Scan# 1408
 Delta R.T. -0.01 min
 Lab File: BF120712.D
 Acq: 26 Jun 2020 16:47

Instrument :
 BNA_F
 ClientSampleID :
 PB129807BS

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.3	25.9	38.9
141	58.6	47.6	71.4

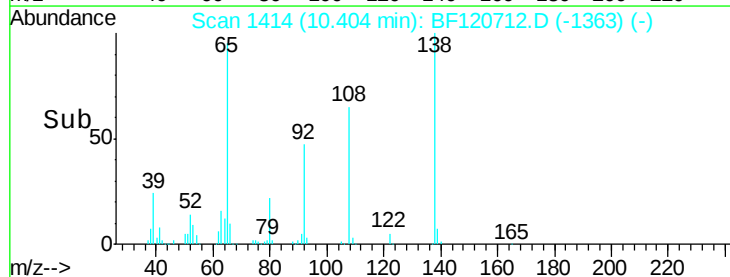
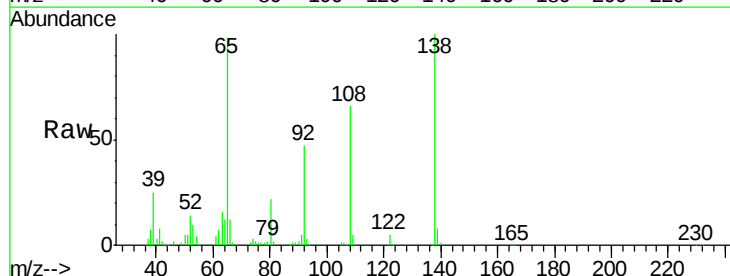
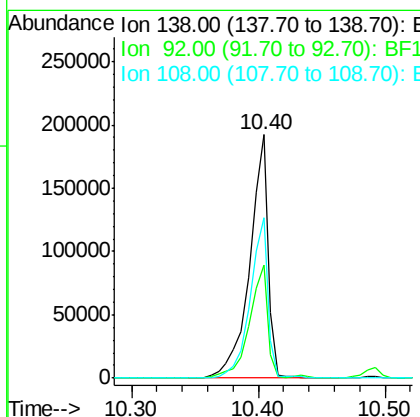
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#62
 4-Nitroaniline
 Concen: 35.453 ng
 RT: 10.40 min Scan# 1414
 Delta R.T. 0.00 min
 Lab File: BF120712.D
 Acq: 26 Jun 2020 16:47

Tgt Ion	Ratio	Lower	Upper
138	100		
92	46.6	27.3	67.3
108	65.8	47.4	87.4





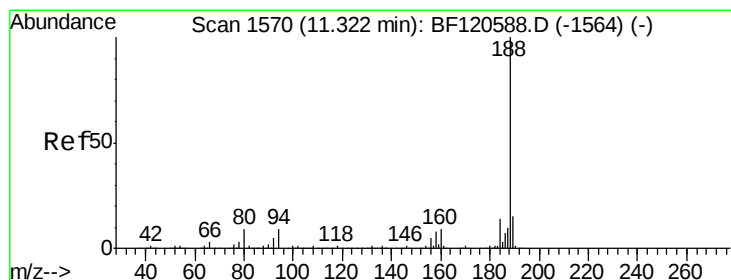
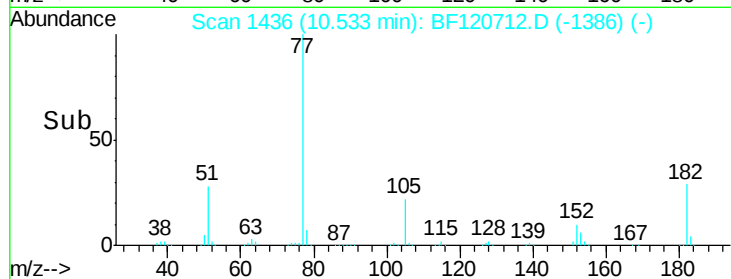
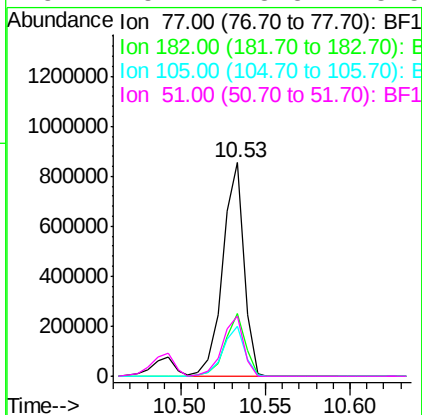
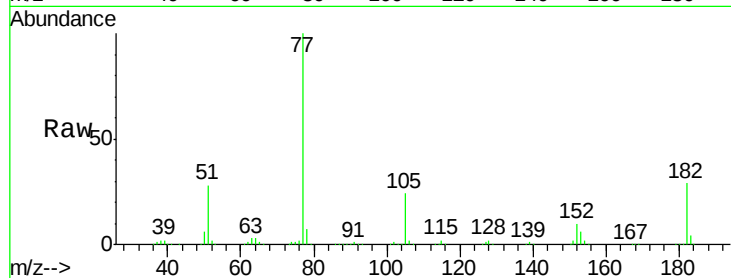
#63
Azobenzene
Concen: 40.527 ng
RT: 10.53 min Scan# 1436
Delta R.T. -0.01 min
Lab File: BF120712.D
Acq: 26 Jun 2020 16:47

Instrument :
BNA_F
ClientSampleId :
PB129807BS

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	29.2	7.7	47.7	
105	23.6	3.2	43.2	
51	28.2	8.5	48.5	

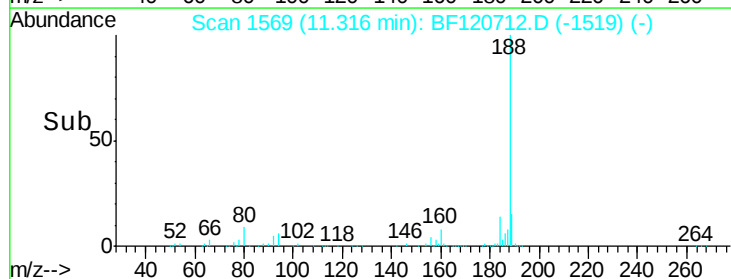
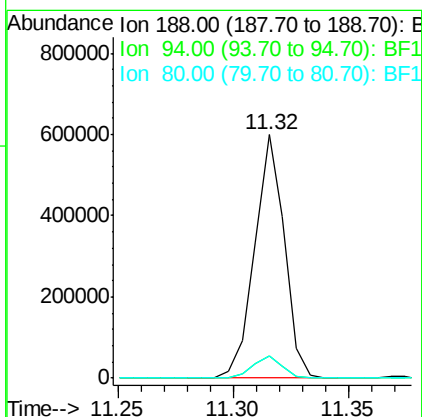
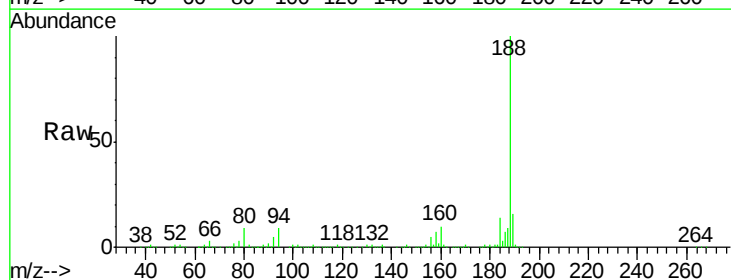
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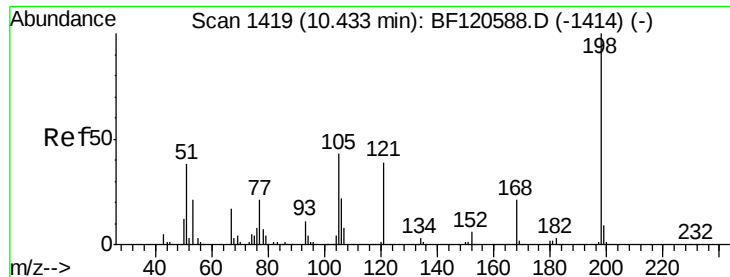
mohammad
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1569
Delta R.T. -0.01 min
Lab File: BF120712.D
Acq: 26 Jun 2020 16:47

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	8.9	7.2	10.8	
80	9.4	7.4	11.2	





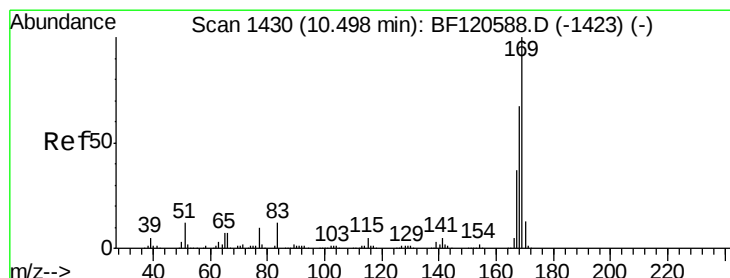
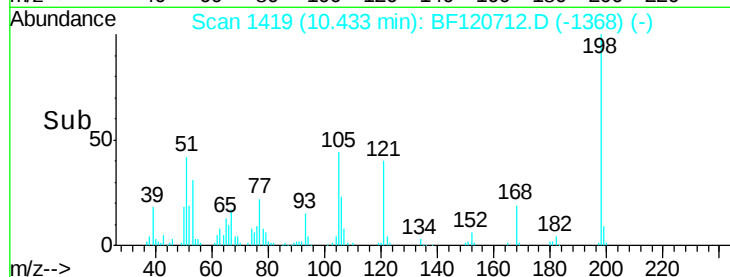
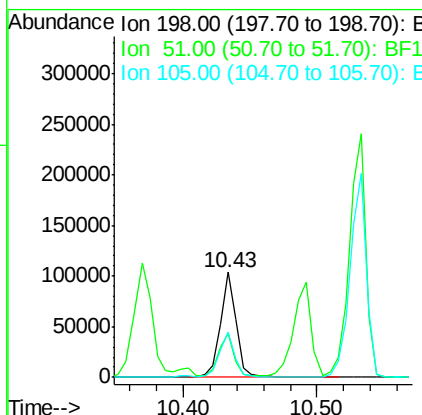
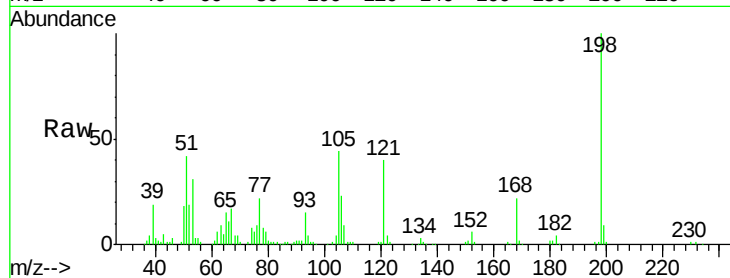
#65
4,6-Dinitro-2-methylphenol
Concen: 27.066 ng
RT: 10.43 min Scan# 1419
Delta R.T. 0.00 min
Lab File: BF120712.D
Acq: 26 Jun 2020 16:47

Instrument :
BNA_F
ClientSampleId :
PB129807BS

Tot Ion	Ratio	Lower	Upper
198	100		
51	42.2	24.8	64.8
105	43.5	23.9	63.9

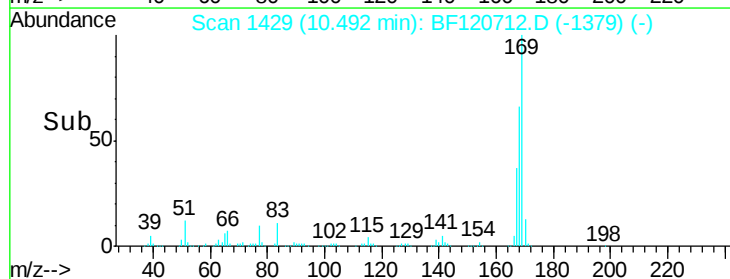
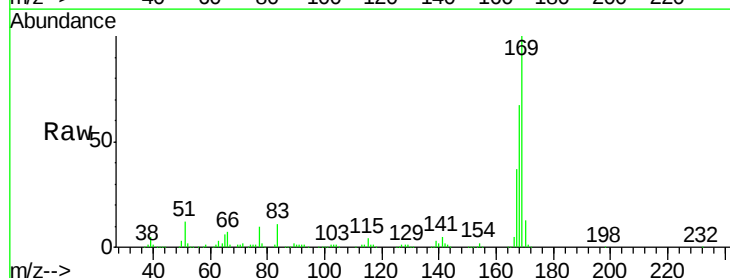
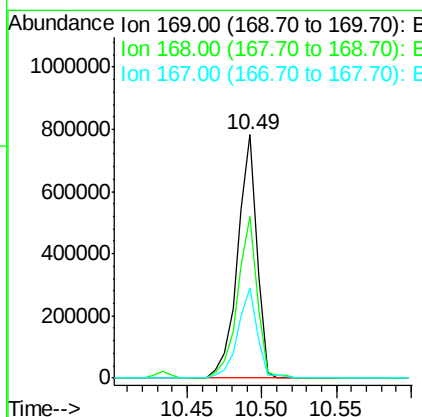
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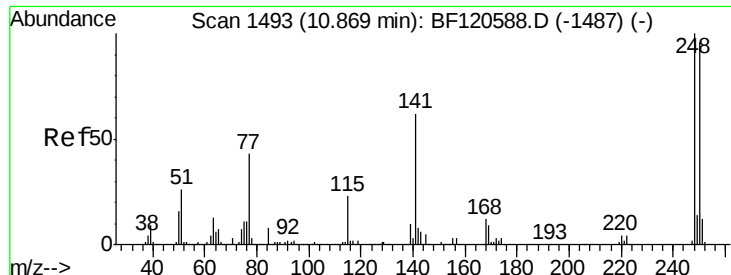
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#66
n-Nitrosodiphenylamine
Concen: 42.875 ng
RT: 10.49 min Scan# 1429
Delta R.T. -0.01 min
Lab File: BF120712.D
Acq: 26 Jun 2020 16:47

Tgt Ion	Ratio	Lower	Upper
169	100		
168	66.6	53.7	80.5
167	37.0	29.9	44.9





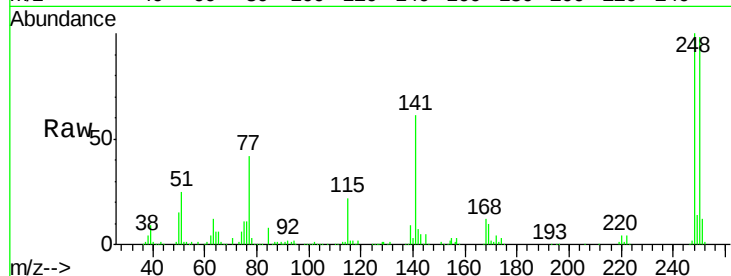
#67
 4-Bromophenyl-phenylether
 Concen: 40.557 ng
 RT: 10.86 min Scan# 1492
 Delta R.T. -0.01 min
 Lab File: BF120712.D
 Acq: 26 Jun 2020 16:47

Instrument :
 BNA_F
 ClientSampleId :
 PB129807BS

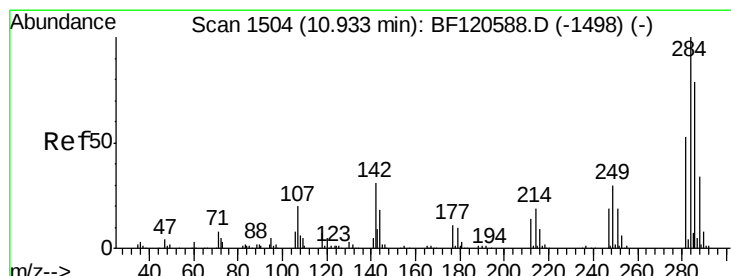
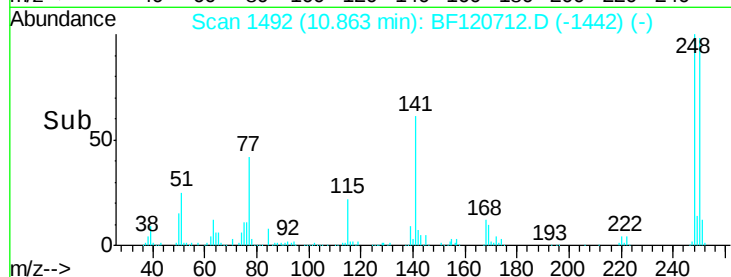
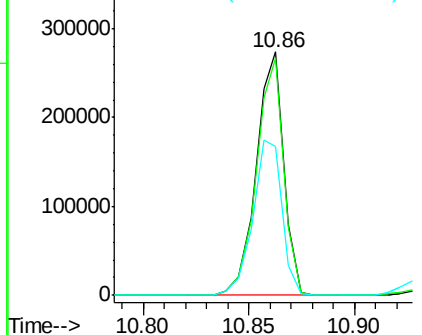
Tot Ion	Ratio	Lower	Upper
248	100		
250	97.7	76.7	115.1
141	61.4	49.4	74.0

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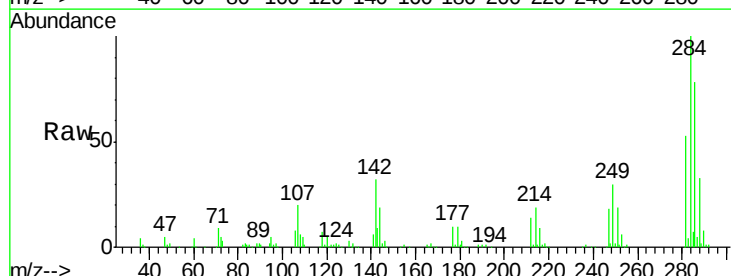


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

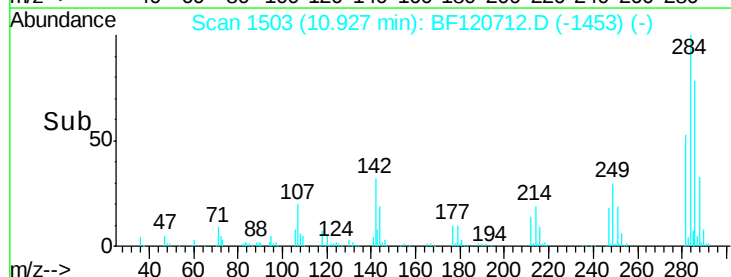
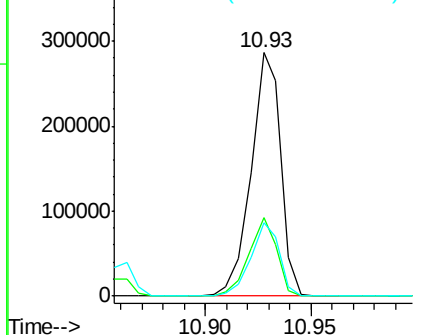


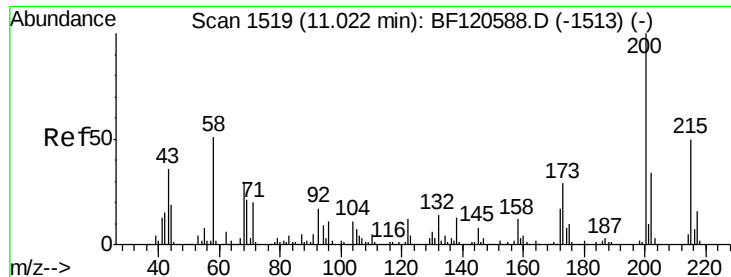
#68
 Hexachlorobenzene
 Concen: 42.363 ng
 RT: 10.93 min Scan# 1503
 Delta R.T. -0.01 min
 Lab File: BF120712.D
 Acq: 26 Jun 2020 16:47

Tgt Ion	Ratio	Lower	Upper
284	100		
142	32.1	25.1	37.7
249	30.1	24.0	36.0



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





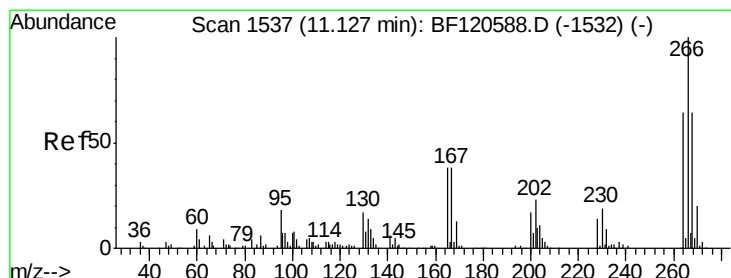
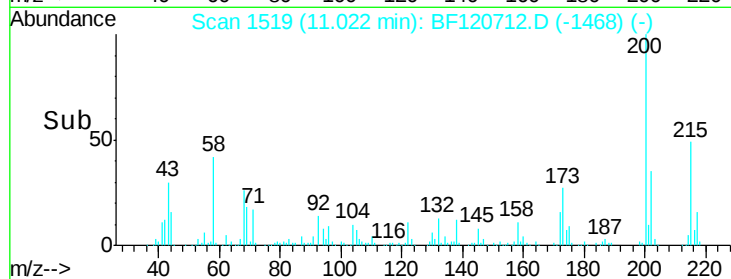
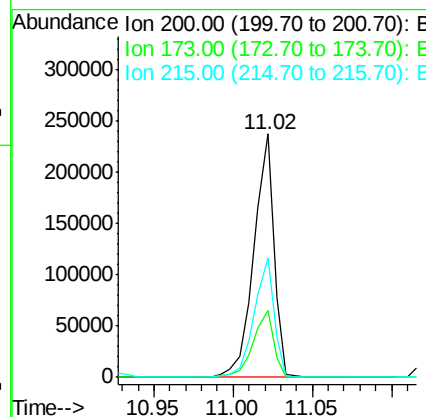
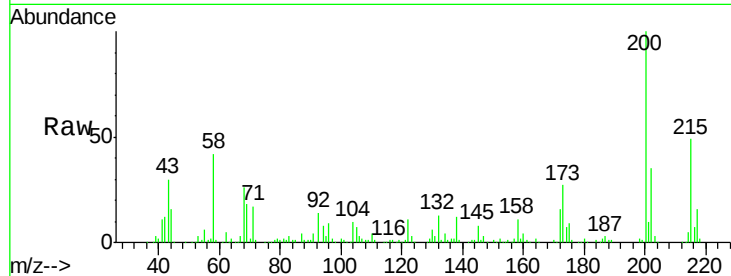
#69
Atrazine
Concen: 40.679 ng
RT: 11.02 min Scan# 1519
Delta R.T. 0.00 min
Lab File: BF120712.D
Acq: 26 Jun 2020 16:47

Instrument :
BNA_F
ClientSampleId :
PB129807BS

Tot Ion	Ratio	Resp	Lower	Upper
200	100	208244		
173	27.5	9.1	49.1	
215	48.9	29.8	69.8	

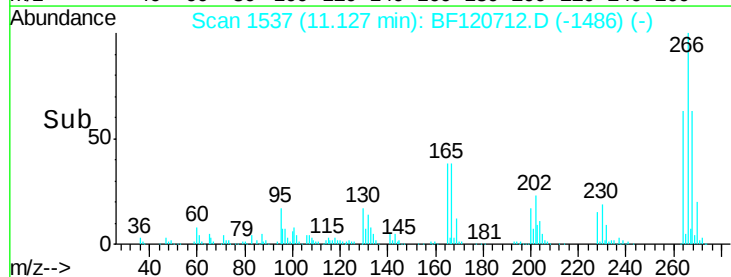
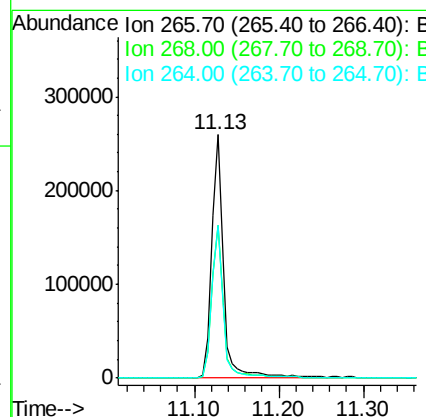
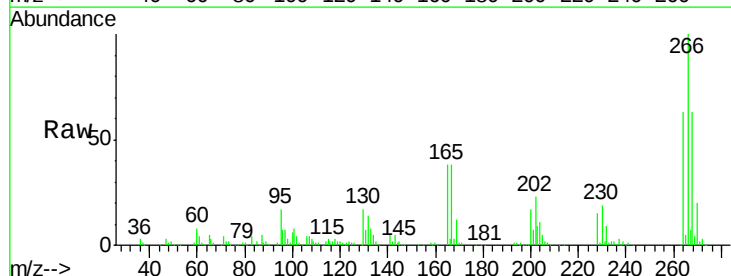
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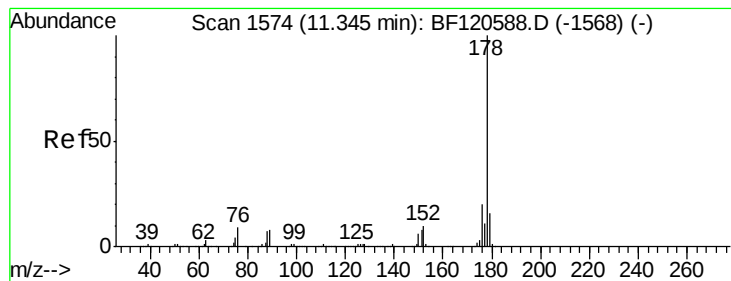
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#70
Pentachlorophenol
Concen: 69.986 ng
RT: 11.13 min Scan# 1537
Delta R.T. 0.00 min
Lab File: BF120712.D
Acq: 26 Jun 2020 16:47

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	255761		
268	62.8	51.4	77.0	
264	62.6	50.8	76.2	





#71

Phenanthrene

Concen: 42.172 ng

RT: 11.35 min Scan# 1574

Delta R.T. 0.00 min

Lab File: BF120712.D

Acq: 26 Jun 2020 16:47

Instrument :

BNA_F

ClientSampleId :

PB129807BS

Tot Ion:178 Resp: 1129303

Ion Ratio Lower Upper

178 100

176 19.6 15.9 23.9

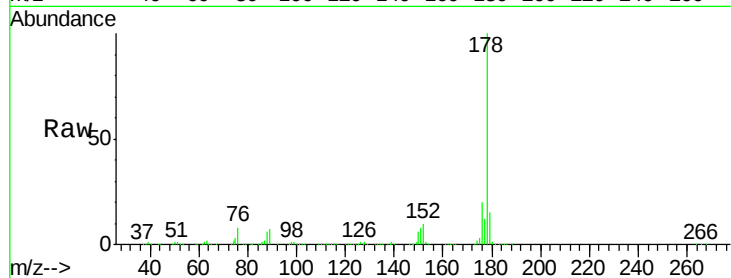
179 15.4 12.8 19.2

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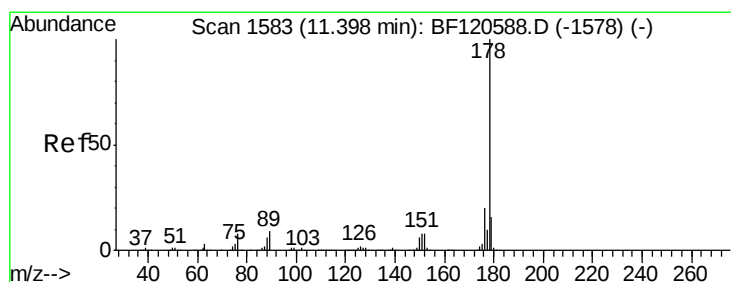
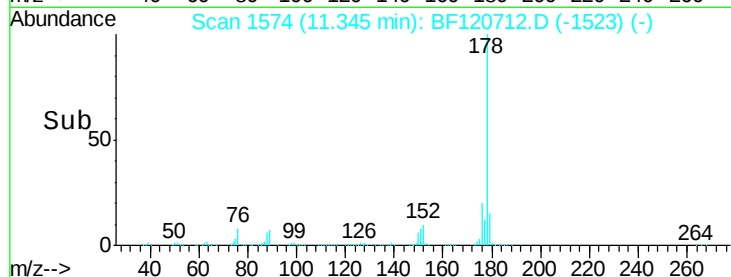
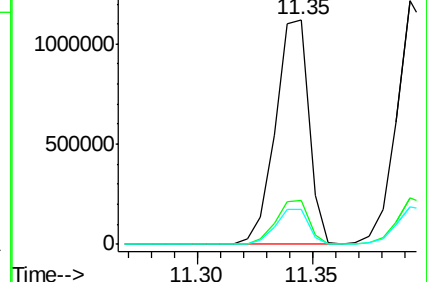
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 43.580 ng

RT: 11.39 min Scan# 1582

Delta R.T. -0.01 min

Lab File: BF120712.D

Acq: 26 Jun 2020 16:47

Tgt Ion:178 Resp: 1176324

Ion Ratio Lower Upper

178 100

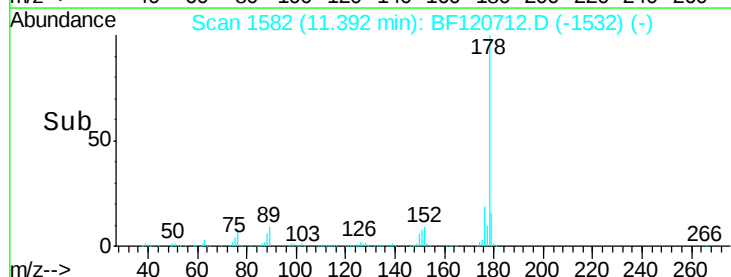
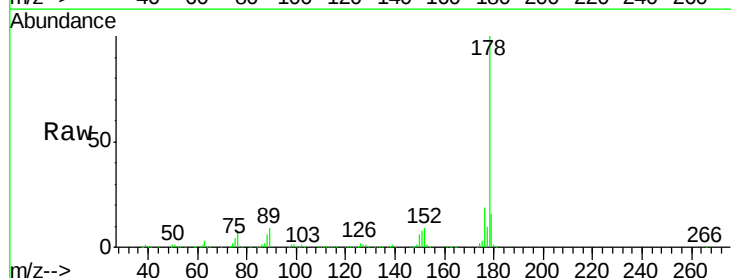
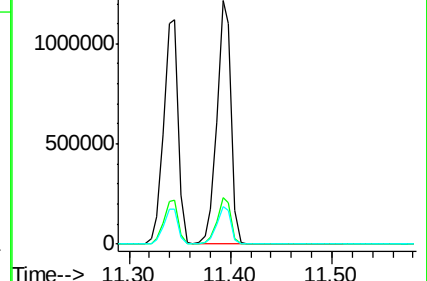
176 18.9 15.6 23.4

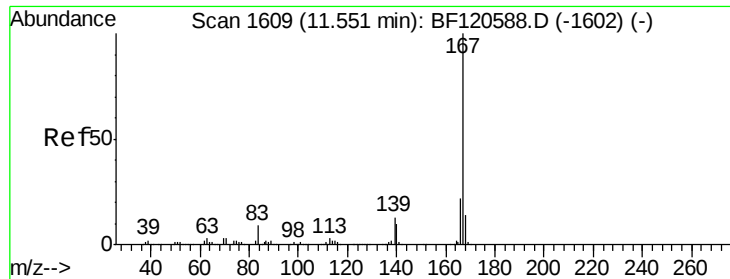
179 15.6 12.9 19.3

Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





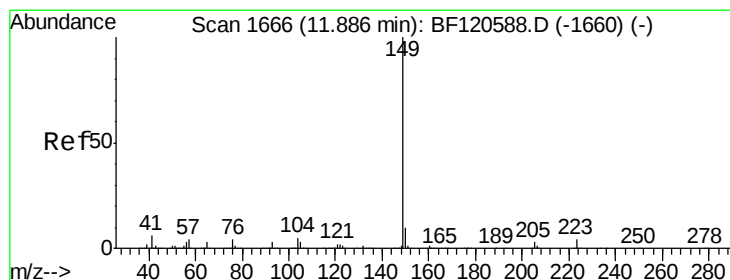
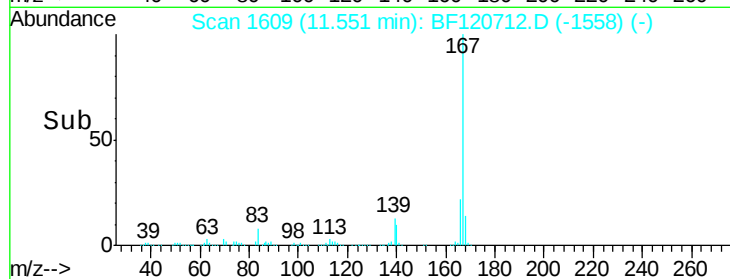
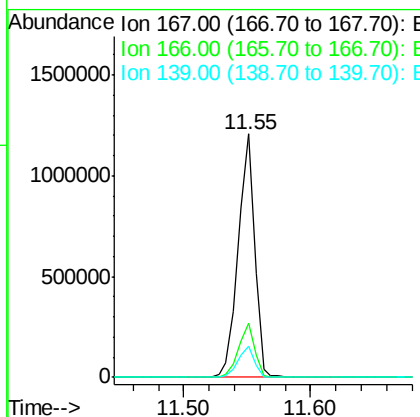
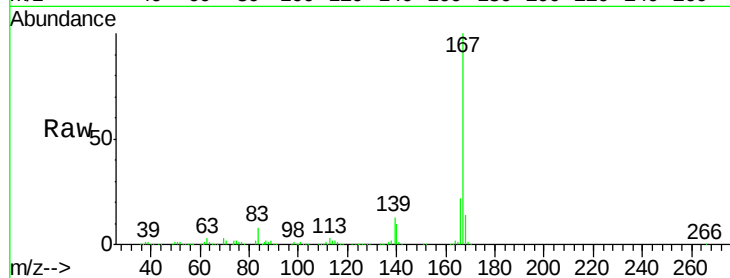
#73
 Carbazole
 Concen: 40.297 ng
 RT: 11.55 min Scan# 1609
 Delta R.T. 0.00 min
 Lab File: BF120712.D
 Acq: 26 Jun 2020 16:47

Instrument :
 BNA_F
 ClientSampleId :
 PB129807BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.1	17.2	25.8
139	12.6	10.1	15.1

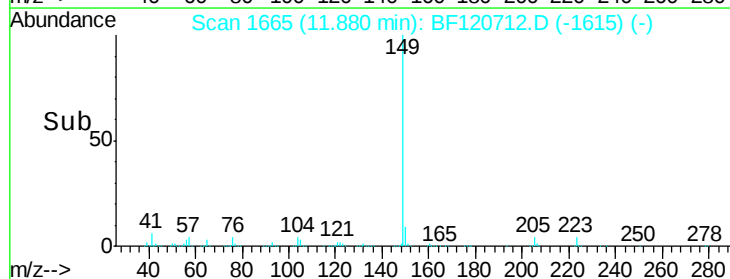
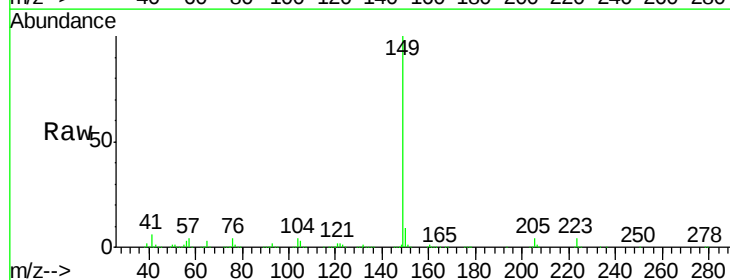
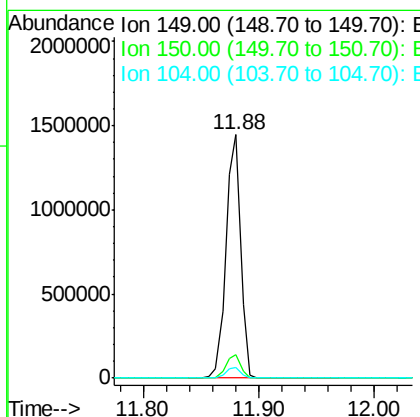
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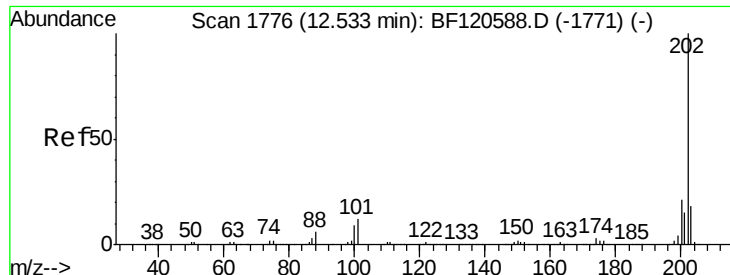
mohammad
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#74
 Di-n-butylphthalate
 Concen: 42.185 ng
 RT: 11.88 min Scan# 1665
 Delta R.T. -0.01 min
 Lab File: BF120712.D
 Acq: 26 Jun 2020 16:47

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.4	7.7	11.5
104	4.5	3.7	5.5





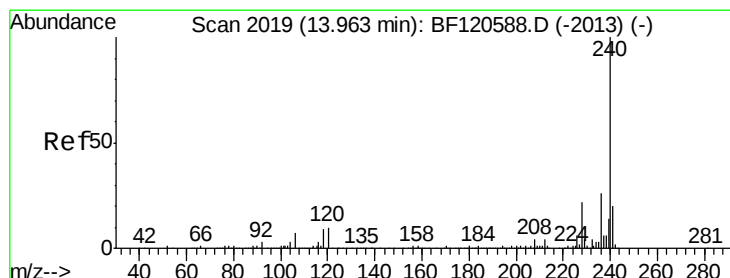
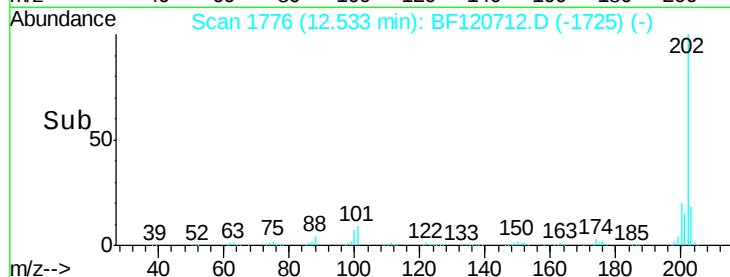
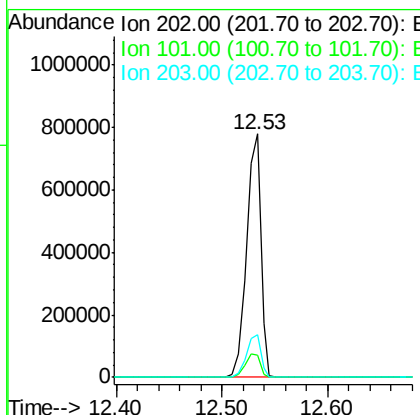
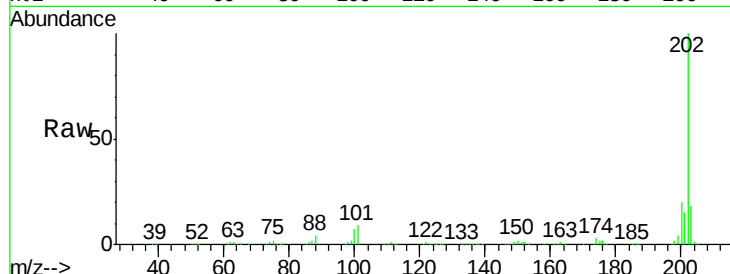
#75
 Fluoranthene
 Concen: 23.606 ng
 RT: 12.53 min Scan# 1776
 Delta R.T. 0.00 min
 Lab File: BF120712.D
 Acq: 26 Jun 2020 16:47

Instrument :
 BNA_F
 ClientSampled :
 PB129807BS

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	9.1	0.0	32.0
203	17.6	0.0	38.3

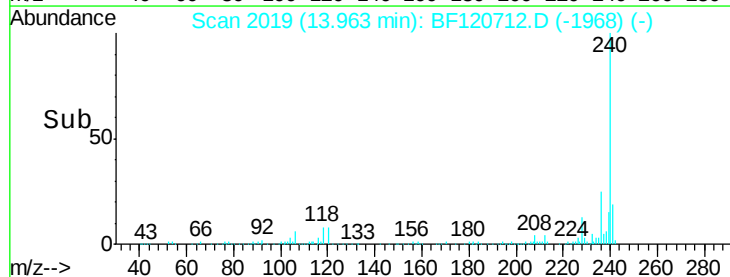
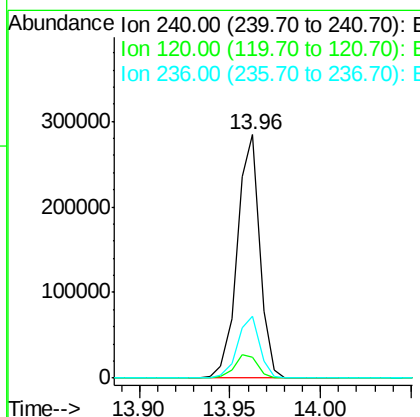
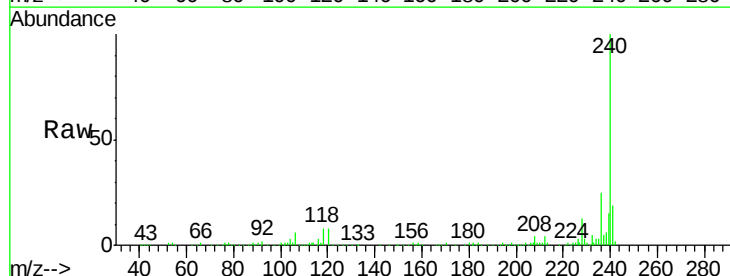
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#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.96 min Scan# 2019
 Delta R.T. 0.00 min
 Lab File: BF120712.D
 Acq: 26 Jun 2020 16:47

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	8.4	8.3	12.5
236	25.4	21.0	31.4





#77

Benzidine

Concen: 34.237 ng

RT: 12.65 min Scan# 1796

Delta R.T. -0.01 min

Lab File: BF120712.D

Acq: 26 Jun 2020 16:47

Instrument :

BNA_F

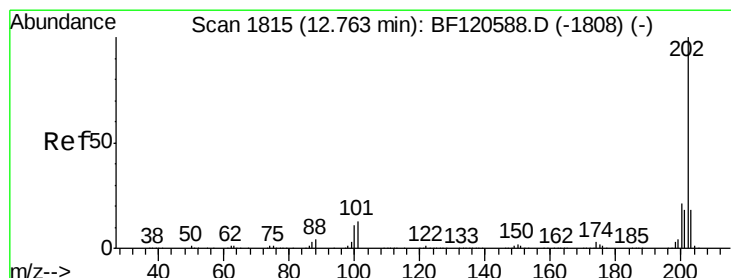
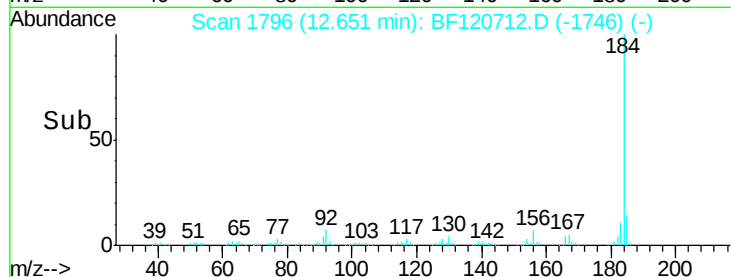
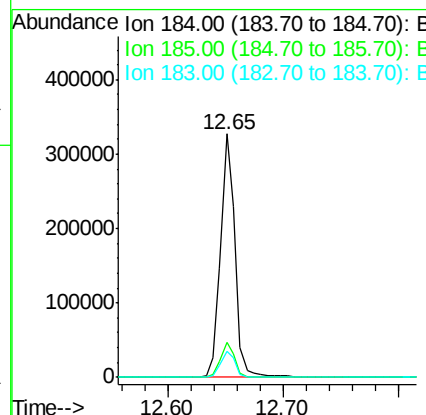
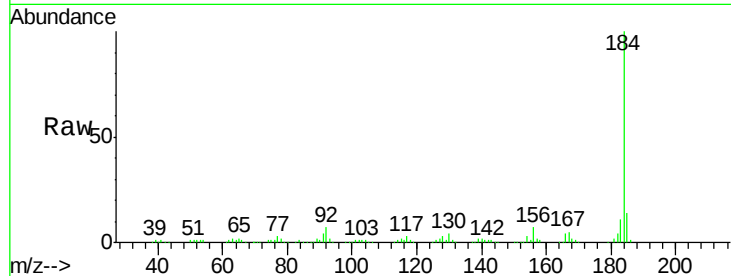
ClientSampleId :

PB129807BS

Tot Ion:	184	Resp:	283789
Ion Ratio	Lower	Upper	
184	100		
185	14.4	11.4	17.0
183	10.9	9.0	13.6

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#78

Pyrene

Concen: 41.596 ng

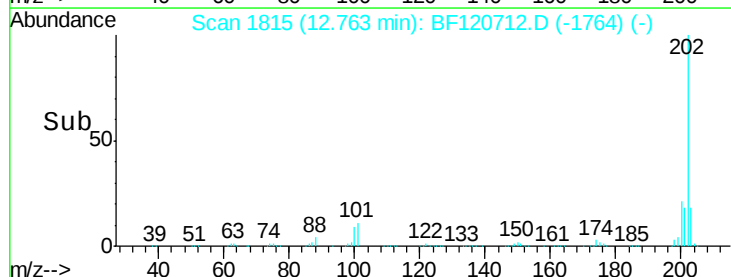
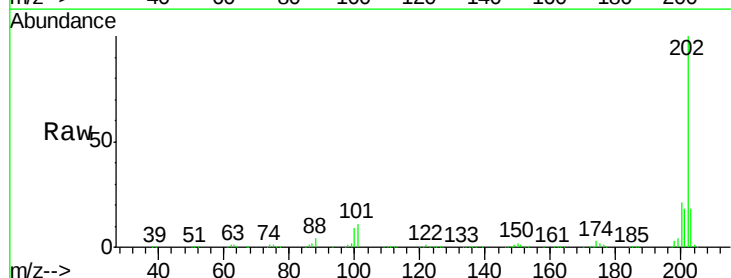
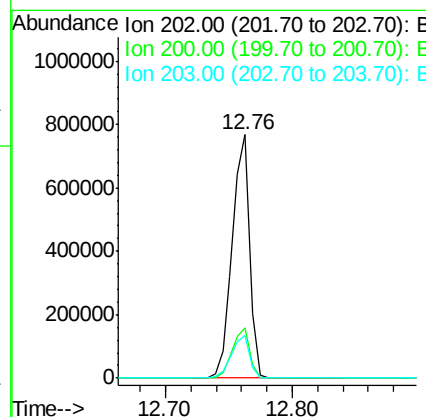
RT: 12.76 min Scan# 1815

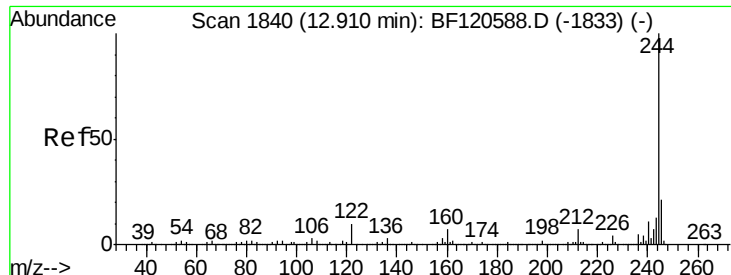
Delta R.T. 0.00 min

Lab File: BF120712.D

Acq: 26 Jun 2020 16:47

Tgt Ion:	202	Resp:	722230
Ion Ratio	Lower	Upper	
202	100		
200	20.7	16.8	25.2
203	17.7	14.3	21.5





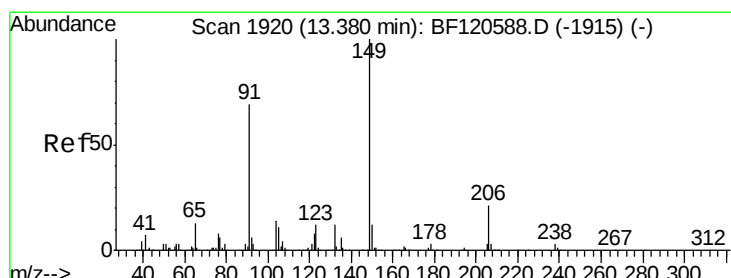
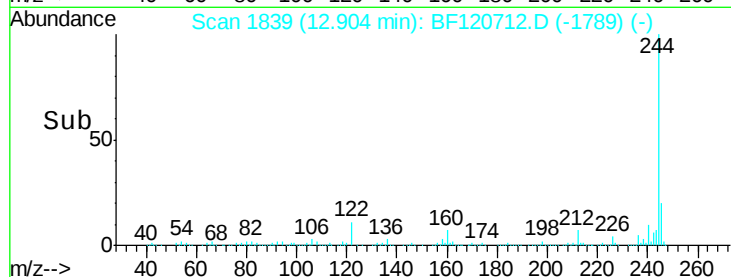
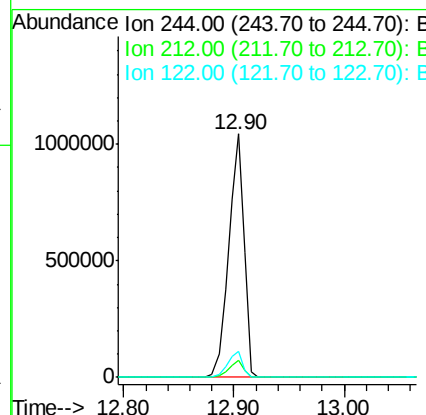
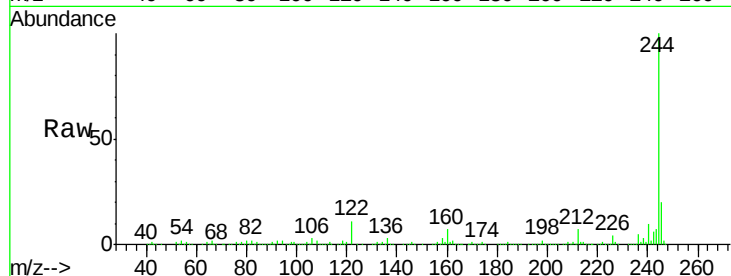
#79
 Terphenyl-d14
 Concen: 91.218 ng
 RT: 12.90 min Scan# 1839
 Delta R.T. -0.01 min
 Lab File: BF120712.D
 Acq: 26 Jun 2020 16:47

Instrument :
 BNA_F
 ClientSampleId :
 PB129807BS

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.7	8.5
122	10.8	8.3	12.5

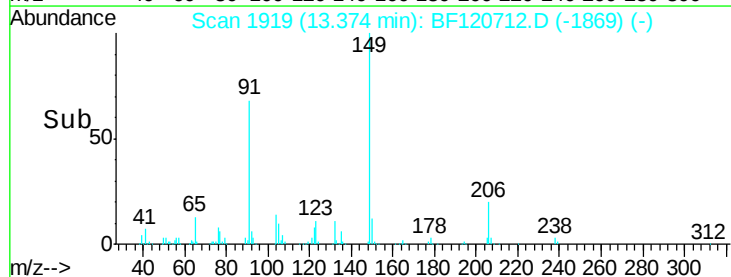
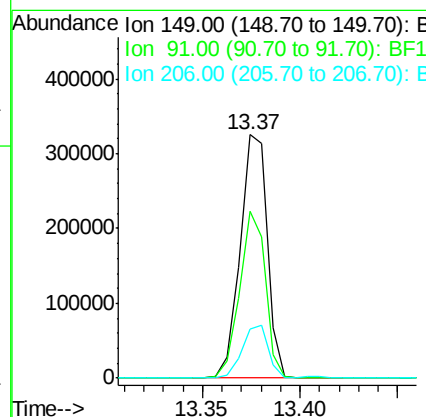
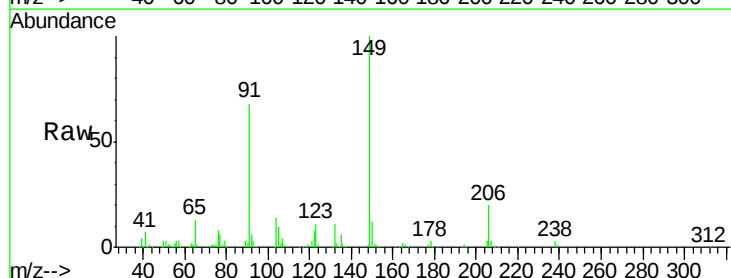
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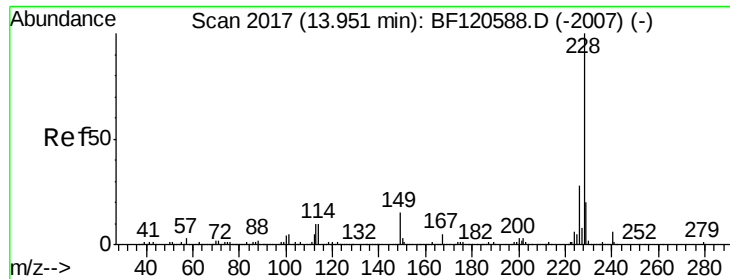
mohammad
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#80
 Butylbenzylphthalate
 Concen: 40.610 ng
 RT: 13.37 min Scan# 1919
 Delta R.T. -0.01 min
 Lab File: BF120712.D
 Acq: 26 Jun 2020 16:47

Tgt Ion	Ratio	Lower	Upper
149	100		
91	68.3	55.4	83.0
206	19.9	17.0	25.4





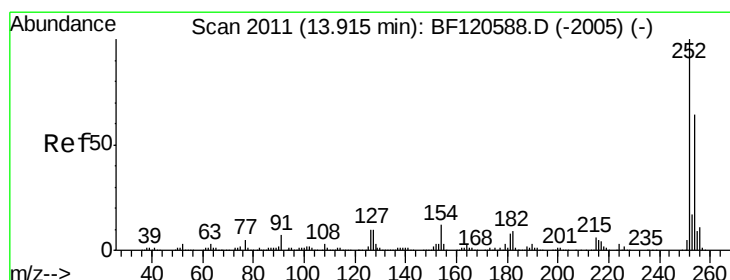
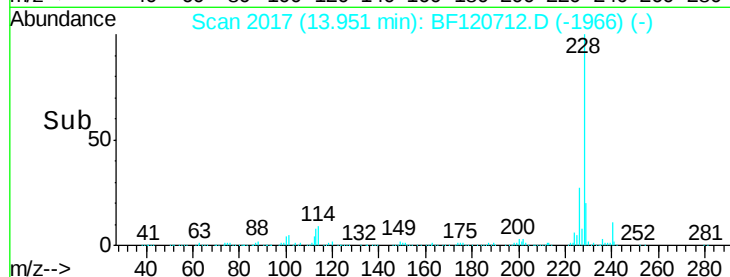
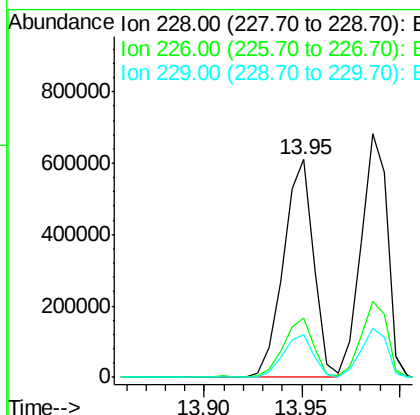
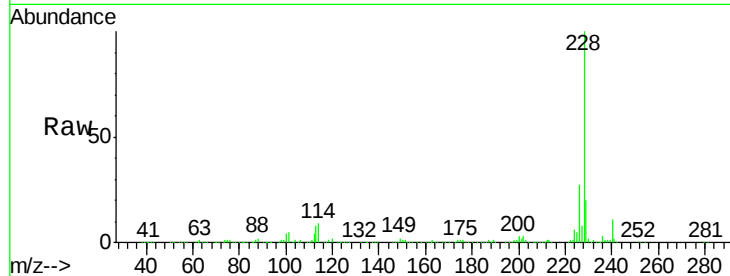
#81
Benzo(a)anthracene
Concen: 44.260 ng
RT: 13.95 min Scan# 2017
Delta R.T. 0.00 min
Lab File: BF120712.D
Acq: 26 Jun 2020 16:47

Instrument :
BNA_F
ClientSampleId :
PB129807BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.5	22.5	33.7
229	19.7	16.1	24.1

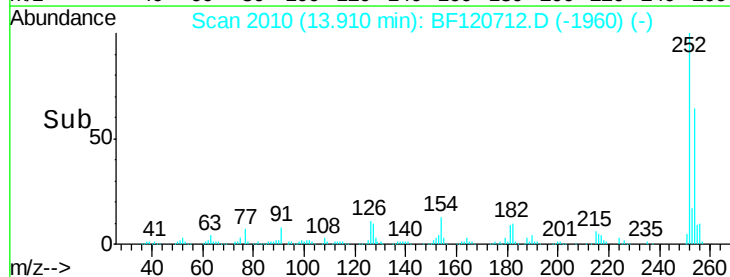
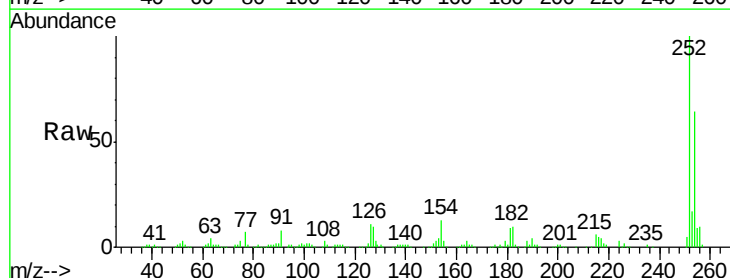
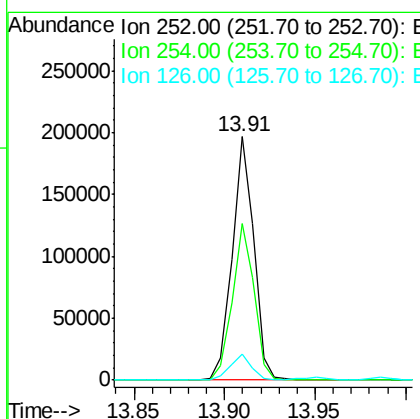
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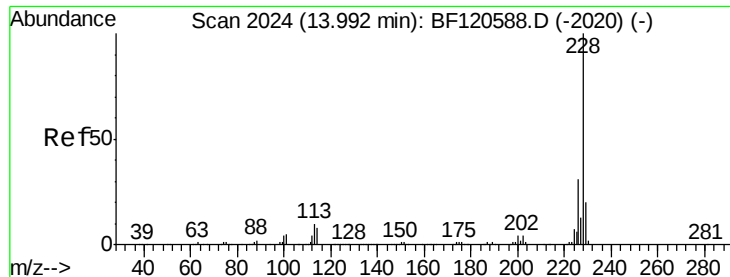
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#82
3,3'-Dichlorobenzidine
Concen: 29.087 ng
RT: 13.91 min Scan# 2010
Delta R.T. -0.01 min
Lab File: BF120712.D
Acq: 26 Jun 2020 16:47

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.3	51.4	77.2
126	10.6	7.9	11.9





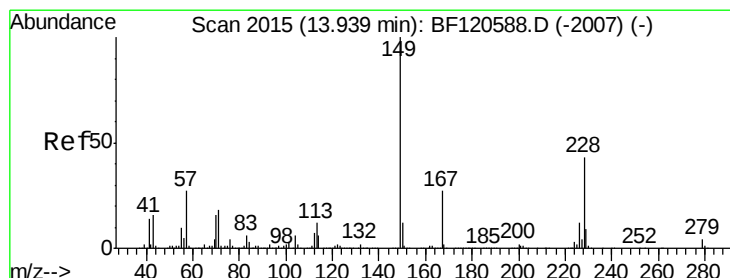
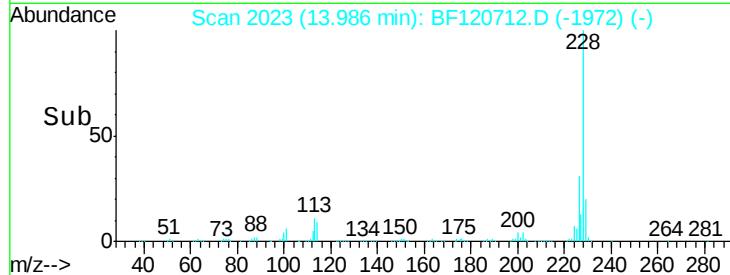
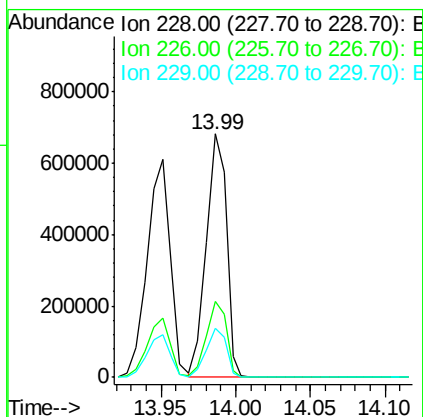
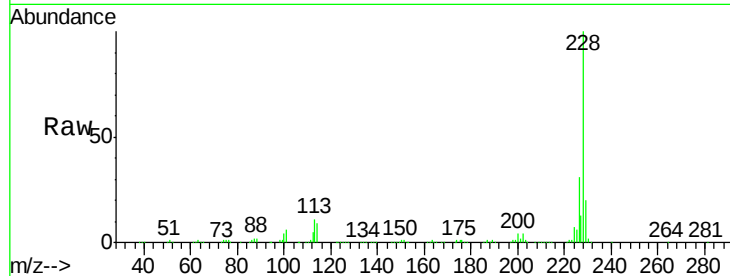
#83
 Chrvsene
 Concen: 42.143 ng
 RT: 13.99 min Scan# 2023
 Delta R.T. 0.00 min
 Lab File: BF120712.D
 Acq: 26 Jun 2020 16:47

Instrument :
 BNA_F
 ClientSampleId :
 PB129807BS

Tot Ion	Ratio	Resp	Lower	Upper
228	100	636555		
226	31.0		24.9	37.3
229	20.1		16.1	24.1

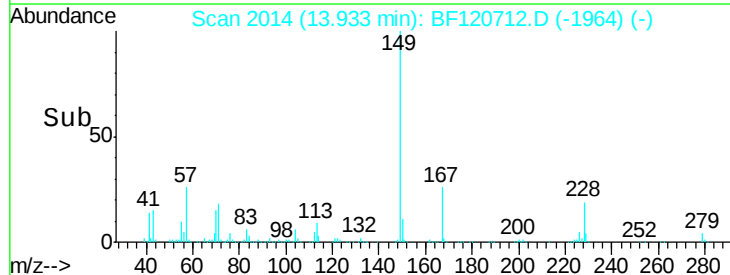
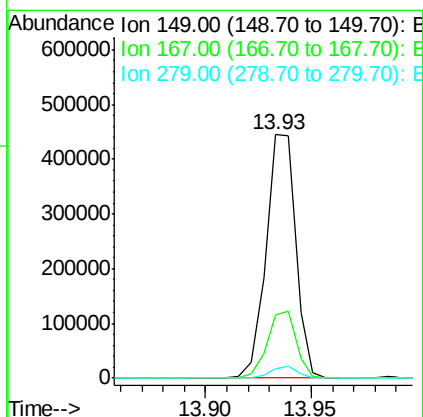
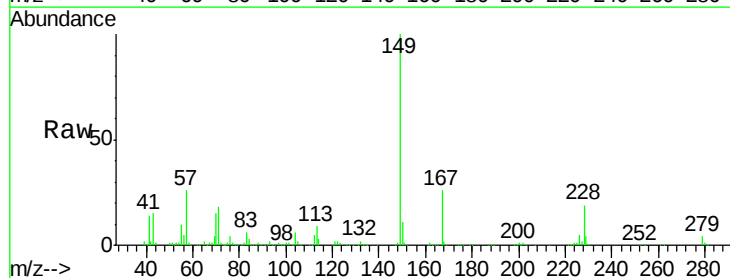
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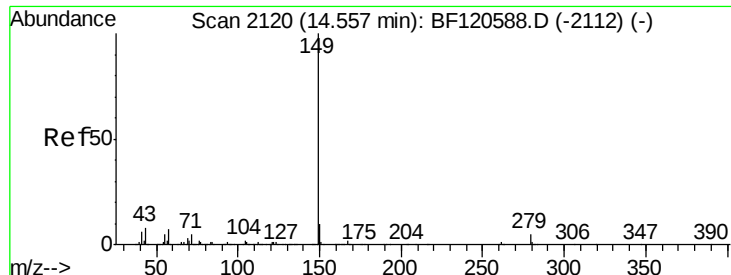
mohammad
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 46.370 ng
 RT: 13.93 min Scan# 2014
 Delta R.T. -0.01 min
 Lab File: BF120712.D
 Acq: 26 Jun 2020 16:47

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	436318		
167	25.9		22.0	33.0
279	3.8		3.0	4.6





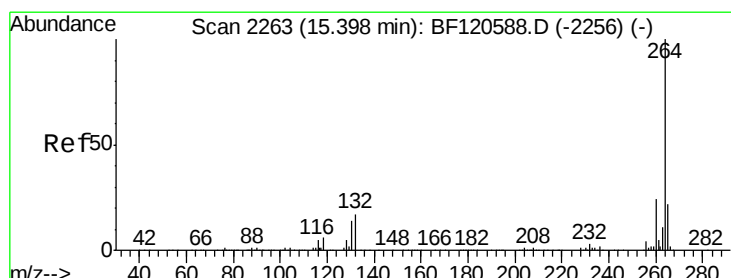
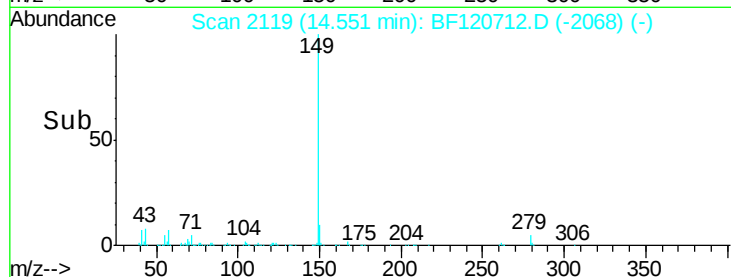
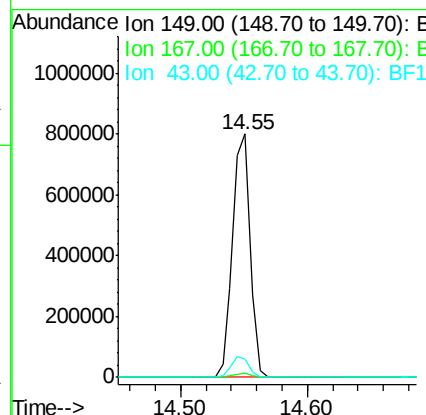
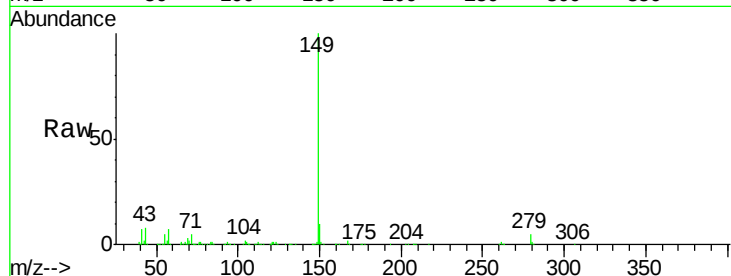
#85
Di-n-octyl phthalate
Concen: 42.703 ng
RT: 14.55 min Scan# 2119
Delta R.T. 0.00 min
Lab File: BF120712.D
Acq: 26 Jun 2020 16:47

Instrument :
BNA_F
ClientSampleID :
PB129807BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	766843		
167	1.6		1.3	1.9
43	8.5		7.6	11.4

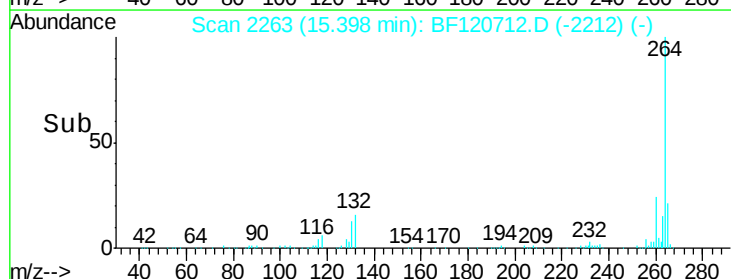
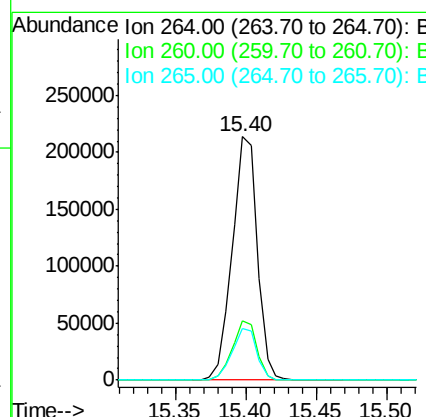
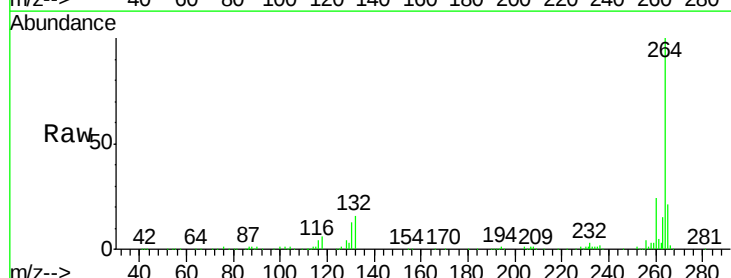
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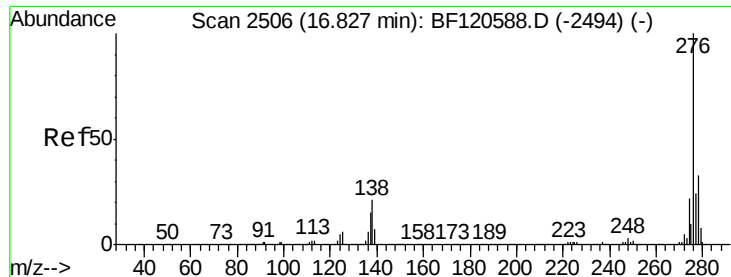
mohammad
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#86
Perylene-d12
Concen: 20.000 ng
RT: 15.40 min Scan# 2263
Delta R.T. 0.00 min
Lab File: BF120712.D
Acq: 26 Jun 2020 16:47

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	263867		
260	24.2		19.3	28.9
265	21.3		17.8	26.8





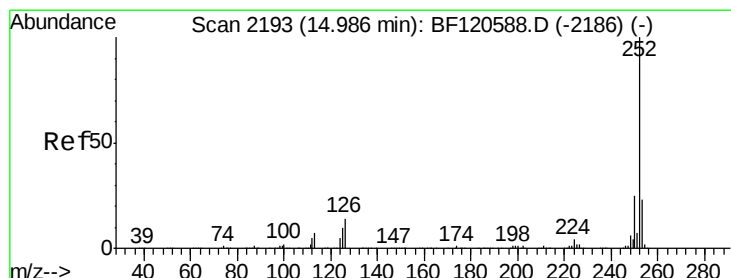
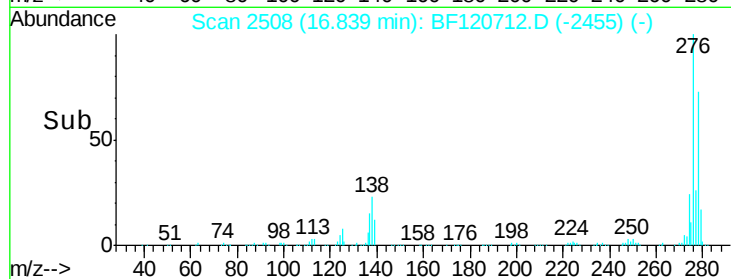
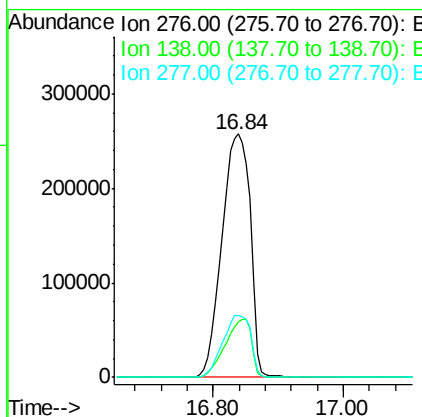
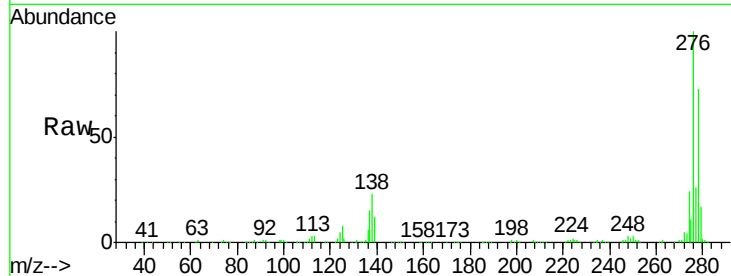
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 48.401 ng
 RT: 16.84 min Scan# 2508
 Delta R.T. 0.01 min
 Lab File: BF120712.D
 Acq: 26 Jun 2020 16:47

Instrument :
 BNA_F
 ClientSampleId :
 PB129807BS

Tot Ion	Ratio	Lower	Upper
276	100		
138	22.0	18.9	28.3
277	25.3	20.2	30.2

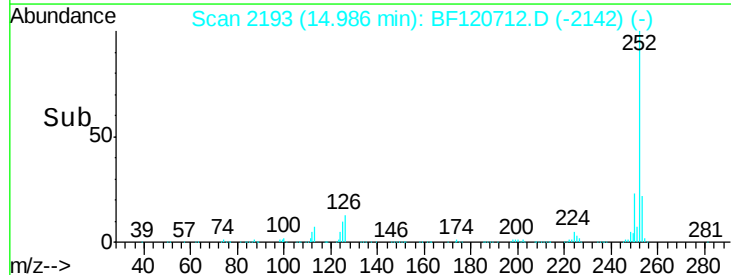
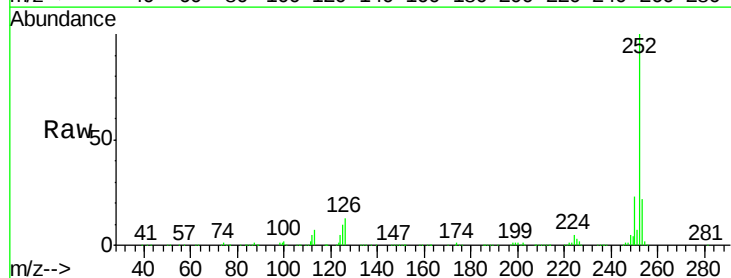
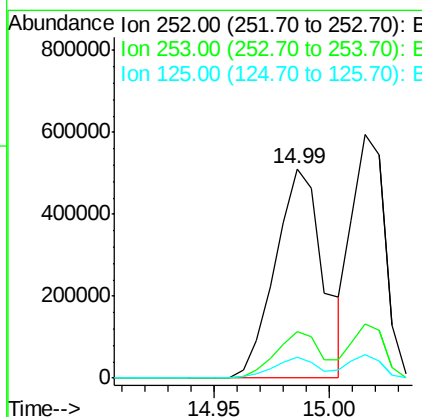
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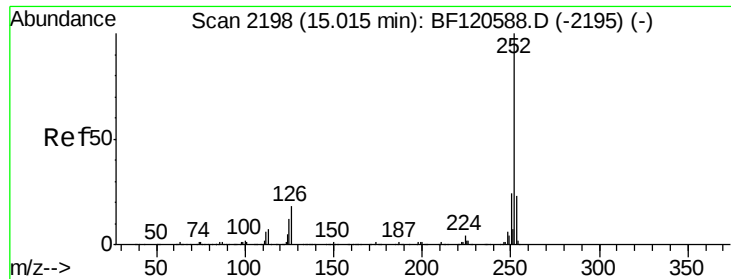
mohammad
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#88
 Benzo(b)fluoranthene
 Concen: 46.995 ng
 RT: 14.99 min Scan# 2193
 Delta R.T. 0.00 min
 Lab File: BF120712.D
 Acq: 26 Jun 2020 16:47

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.1	27.1
125	9.7	8.3	12.5





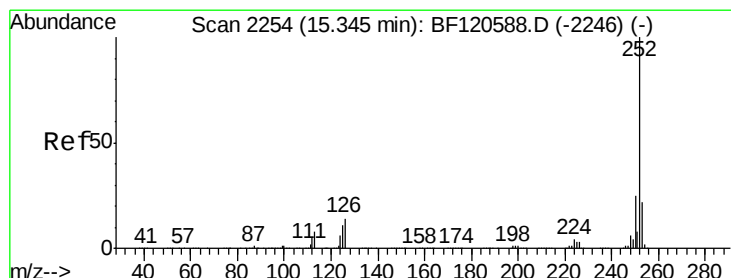
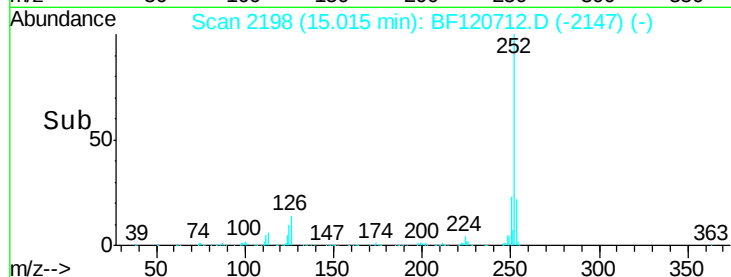
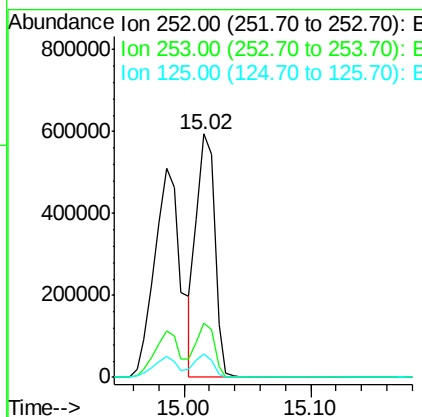
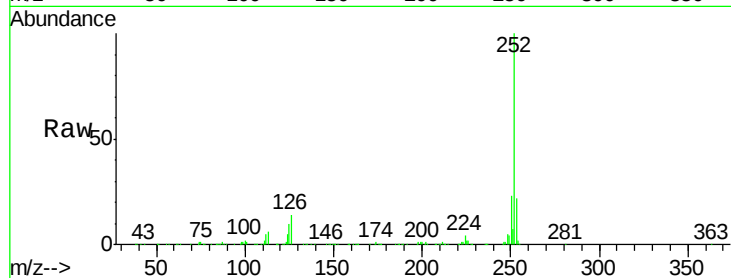
#89
Benzo(k)fluoranthene
Concen: 42.592 ng
RT: 15.02 min Scan# 2198
Delta R.T. 0.00 min
Lab File: BF120712.D
Acq: 26 Jun 2020 16:47

Instrument :
BNA_F
ClientSampleId :
PB129807BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.0	27.0
125	9.9	8.3	12.5

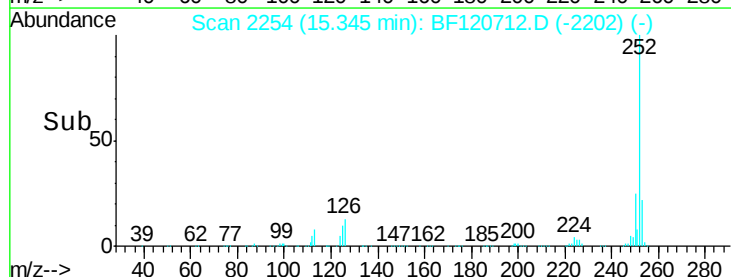
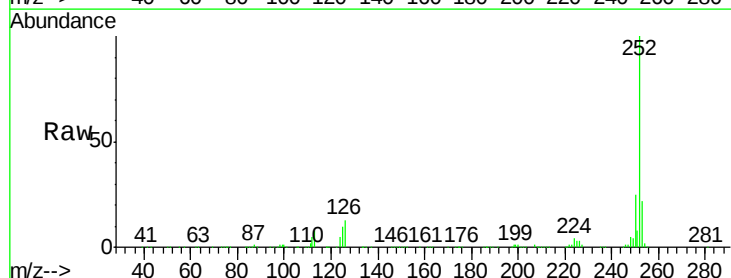
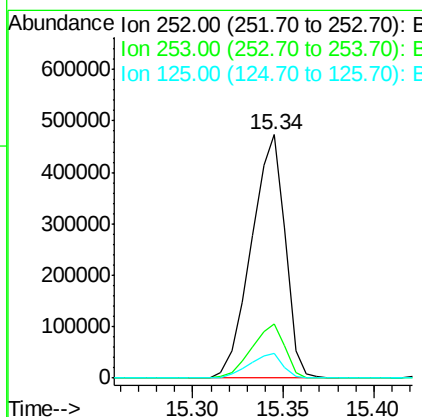
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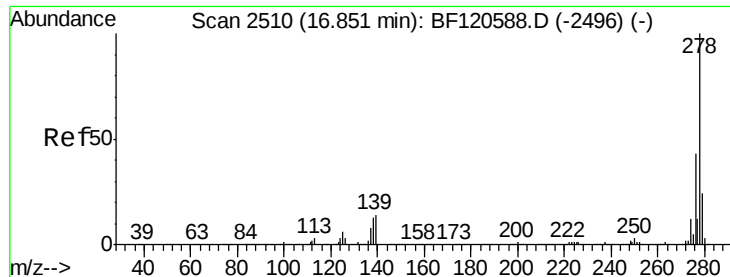
mohammad
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#90
Benzo(a)pyrene
Concen: 43.572 ng
RT: 15.34 min Scan# 2254
Delta R.T. 0.01 min
Lab File: BF120712.D
Acq: 26 Jun 2020 16:47

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.8	26.8
125	10.0	8.6	12.8





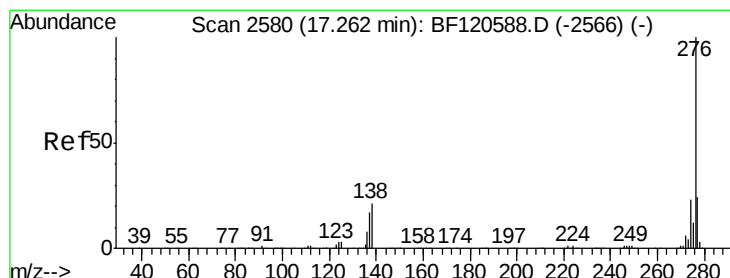
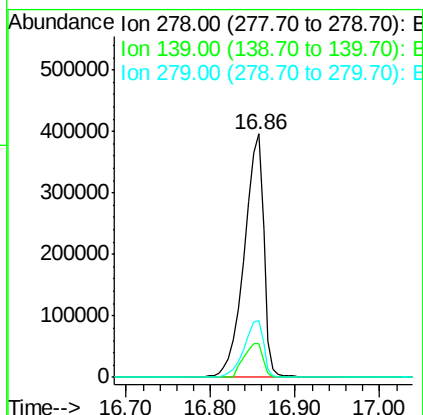
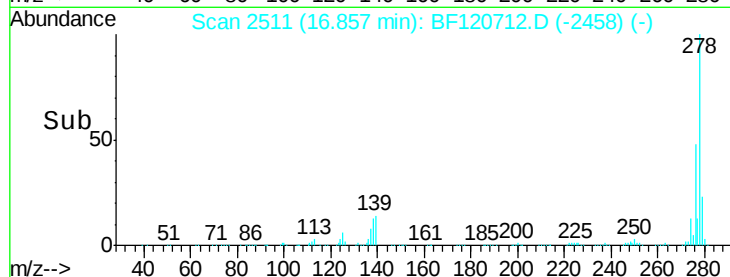
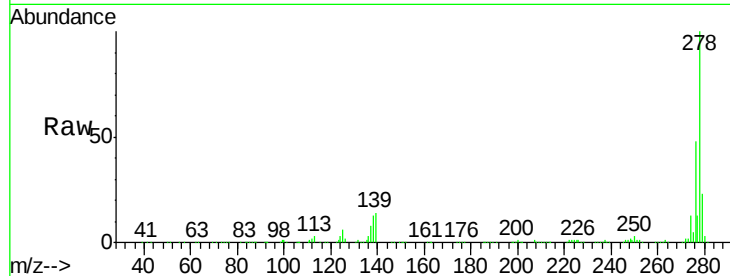
#91
Dibenzo(a,h)anthracene
Concen: 49.401 ng
RT: 16.86 min Scan# 2511
Delta R.T. 0.01 min
Lab File: BF120712.D
Acq: 26 Jun 2020 16:47

Instrument :
BNA_F
ClientSampleId :
PB129807BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	13.8	11.4	17.2
279	23.5	19.1	28.7

Manual Integrations
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6/29/2020 3:18:33 PM



#92
Benzo(g,h,i)perylene
Concen: 49.399 ng
RT: 17.27 min Scan# 2582
Delta R.T. 0.02 min
Lab File: BF120712.D
Acq: 26 Jun 2020 16:47

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.6	19.6	29.4
138	18.0	16.5	24.7

