

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051420\
 Data File : BF120295.D
 Acq On : 14 May 2020 17:20
 Operator : MA/SJ
 Sample : PB128845BS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB128845BS

Manual Integrations
 APPROVED

mohammad
 5/18/2020 1:31:52 PM

Quant Time: May 14 18:24:32 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051420.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 14 12:47:38 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.62	152	357565	20.00	ng	0.00
21) Naphthalene-d8	7.91	136	1426033	20.00	ng	0.00
39) Acenaphthene-d10	9.66	164	772666	20.00	ng	0.00
64) Phenanthrene-d10	11.15	188	1415719	20.00	ng	0.00
76) Chrysene-d12	13.79	240	1059867	20.00	ng	0.00
87) Perylene-d12	15.17	264	972632	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.24	112	1938813	105.50	ng	0.01
7) Phenol-d6	6.28	99	2427082	104.44	ng	0.00
23) Nitrobenzene-d5	7.20	82	1525546	73.24	ng	0.00
42) 2,4,6-Tribromophenol	10.46	330	667797	106.00	ng	0.00
45) 2-Fluorobiphenyl	8.99	172	2699702	71.78	ng	0.00
79) Terphenyl-d14	12.73	244	3118526	65.00	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.27	88	269603	36.880	ng	99
3) Pyridine	2.95	79	620533	27.004	ng	96
4) n-Nitrosodimethylamine	2.89	42	324754	36.092	ng	97
6) Aniline	6.29	93	650361	21.882	ng	# 75
8) 2-Chlorophenol	6.41	128	792711	36.996	ng	97
9) Benzaldehyde	6.17	77	492046	34.345	ng	99
10) Phenol	6.29	94	942895	34.756	ng	84
11) bis(2-Chloroethyl)ether	6.36	93	713007	32.902	ng	96
12) 1,3-Dichlorobenzene	6.56	146	771869	33.665	ng	98
13) 1,4-Dichlorobenzene	6.64	146	816607	34.580	ng	97
14) 1,2-Dichlorobenzene	6.79	146	730429	34.348	ng	98
15) Benzyl Alcohol	6.78	79	602238	36.477	ng	97
16) 2,2'-oxybis(1-Chloropropan	6.91	45	1186049	34.730	ng	99
17) 2-Methylphenol	6.90	107	620761	34.318	ng	97
18) Hexachloroethane	7.13	117	296124	32.917	ng	96
19) n-Nitroso-di-n-propylamine	7.05	70	539613	35.443	ng	94
20) 3+4-Methylphenols	7.06	107	800818	34.052	ng	98
22) Acetophenone	7.04	105	1054034	36.080	ng	98
24) Nitrobenzene	7.22	77	796648	35.540	ng	99
25) Isophorone	7.45	82	1370604	31.627	ng	98
26) 2-Nitrophenol	7.53	139	401609	34.257	ng	92
27) 2,4-Dimethylphenol	7.58	122	615979	36.120	ng	95
28) bis(2-Chloroethoxy)methane	7.67	93	901561	33.098	ng	98
29) 2,4-Dichlorophenol	7.78	162	610711	34.868	ng	98
30) 1,2,4-Trichlorobenzene	7.85	180	661636	34.089	ng	98
31) Naphthalene	7.93	128	2253169	37.437	ng	99
32) Benzoic acid	7.73	122	364874	32.642	ng	98
33) 4-Chloroaniline	7.99	127	275034	10.028	ng	97
34) Hexachlorobutadiene	8.05	225	362466	32.310	ng	97
35) Caprolactam	8.36	113	198744m	34.684	ng	
36) 4-Chloro-3-methylphenol	8.49	107	649129	34.260	ng	99
37) 2-Methylnaphthalene	8.62	142	1516202	36.813	ng	98
38) 1-Methylnaphthalene	8.72	142	1416019	35.448	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.79	216	639351	32.816	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.77	237	554845	69.946	nq	99
43) 2,4,6-Trichlorophenol	8.91	196	419409	32.070	nq	99
44) 2,4,5-Trichlorophenol	8.96	196	439407	29.257	nq	98
46) 1,1'-Biphenyl	9.09	154	1868343	36.905	nq	99
47) 2-Chloronaphthalene	9.11	162	1433444	35.298	nq	99
48) 2-Nitroaniline	9.22	65	498148	33.620	nq	98
49) Acenaphthylene	9.53	152	2235390	36.036	nq	100
50) Dimethylphthalate	9.40	163	1671781	34.227	nq	100
51) 2,6-Dinitrotoluene	9.46	165	373774	34.287	nq	89
52) Acenaphthene	9.70	154	1323042	35.582	nq	100
53) 3-Nitroaniline	9.63	138	172648	13.281	nq	98
54) 2,4-Dinitrophenol	9.75	184	352803	68.561	nq	91
55) Dibenzofuran	9.87	168	1950278	36.423	nq	100
56) 4-Nitrophenol	9.82	139	442481	63.345	nq	89
57) 2,4-Dinitrotoluene	9.87	165	448818	35.097	nq	98
58) Fluorene	10.22	166	1518893	37.247	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.00	232	404650	35.801	nq	98
60) Diethylphthalate	10.10	149	1687762	35.792	nq	99
61) 4-Chlorophenyl-phenylether	10.20	204	739465	34.877	nq	98
62) 4-Nitroaniline	10.25	138	367518	30.360	nq	99
63) Azobenzene	10.37	77	1669934	37.470	nq	98
65) 4,6-Dinitro-2-methylphenol	10.27	198	260457	36.378	nq	91
66) n-Nitrosodiphenylamine	10.33	169	1422933	36.330	nq	100
67) 4-Bromophenyl-phenylether	10.69	248	472378	34.385	nq	99
68) Hexachlorobenzene	10.76	284	505229	35.154	nq	98
69) Atrazine	10.86	200	399023	34.047	nq	99
70) Pentachlorophenol	10.96	266	410057	67.084	nq	99
71) Phenanthrene	11.17	178	2158576	36.286	nq	100
72) Anthracene	11.22	178	2355812	36.992	nq	99
73) Carbazole	11.39	167	2126232	35.732	nq	99
74) Di-n-butylphthalate	11.72	149	2684946	37.440	nq	99
75) Fluoranthene	12.36	202	2423128	38.003	nq	99
77) Benzidine	12.49	184	956323	30.899	nq	96
78) Pyrene	12.59	202	2418821	32.013	nq	99
80) Butylbenzylphthalate	13.21	149	1253922	35.243	nq	98
81) Benzo(a)anthracene	13.77	228	1904080	34.062	nq	99
82) 3,3'-Dichlorobenzidine	13.74	252	454111	21.557	nq	99
83) Chrysene	13.82	228	2091688	34.846	nq	99
84) Bis(2-ethylhexyl)phthalate	13.77	149	1539388	34.776	nq	98
85) Di-n-octyl phthalate	14.39	149	2855278	35.855	nq	100
86) Indeno(1,2,3-cd)pyrene	16.51	276	1821394	33.432	nq	100
88) Benzo(b)fluoranthene	14.79	252	1938748	36.499	nq	99
89) Benzo(k)fluoranthene	14.82	252	1678236	36.467	nq	100
90) Benzo(a)pyrene	15.12	252	1649269	34.621	nq	100
91) Dibenzo(a,h)anthracene	16.52	278	1514788	35.894	nq	99
92) Benzo(g,h,i)perylene	16.91	276	1555030	36.540	nq	98

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

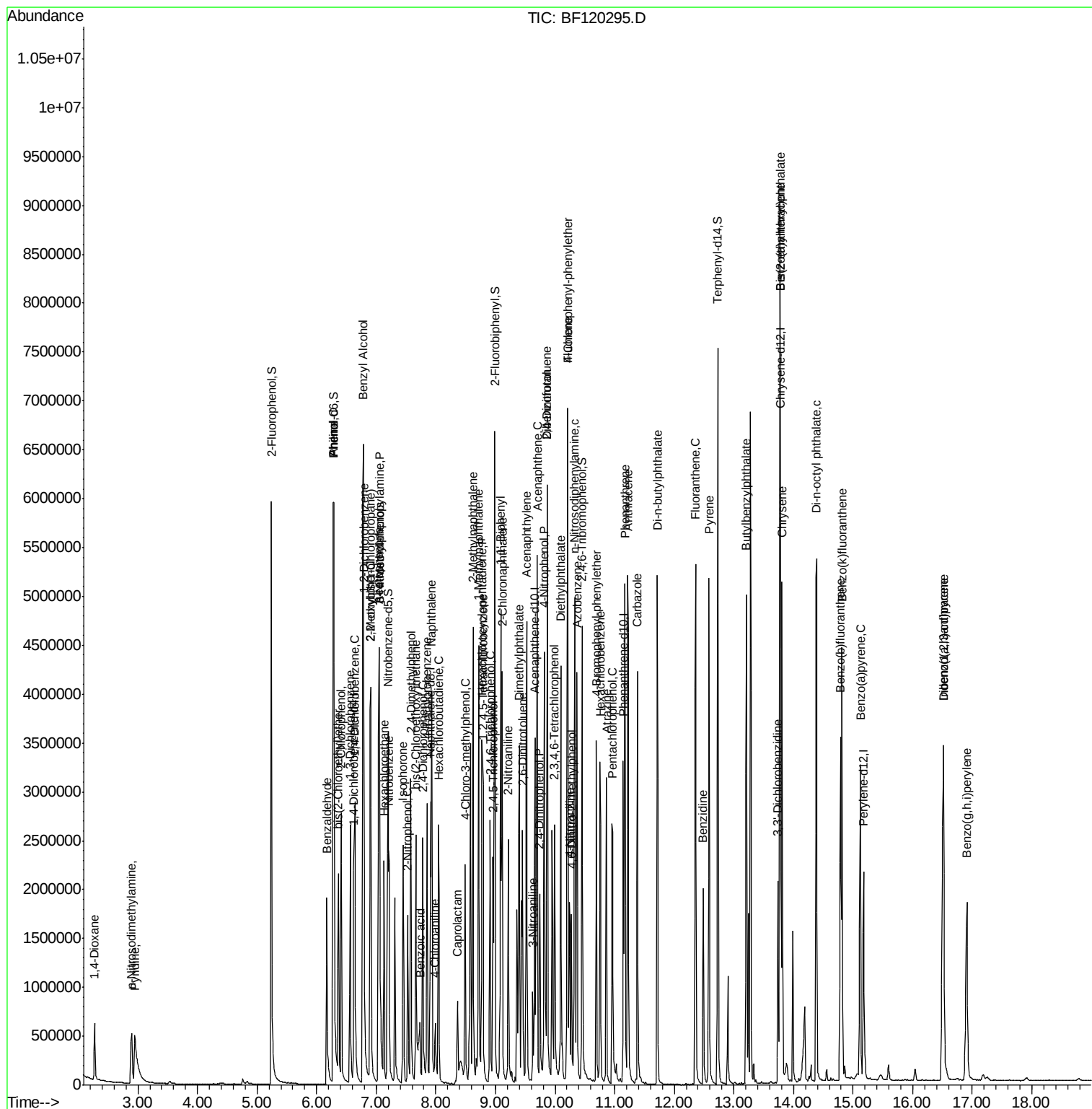
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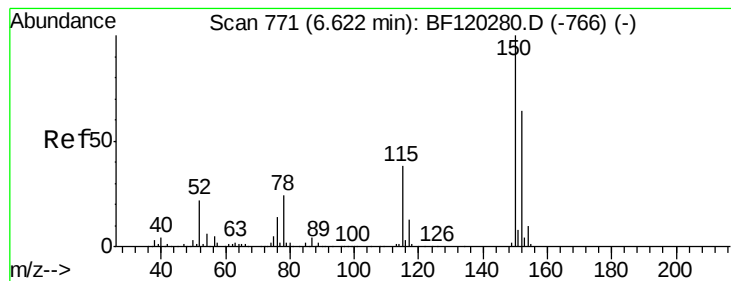
Instrument :
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ClientSampleID :
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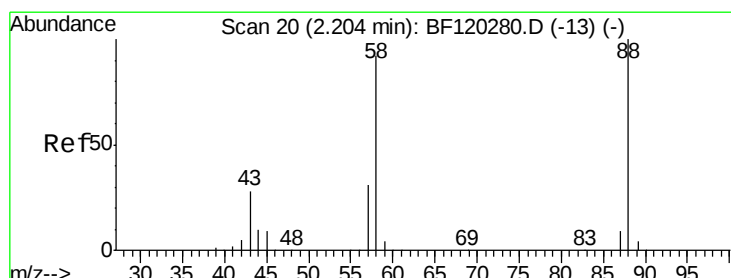
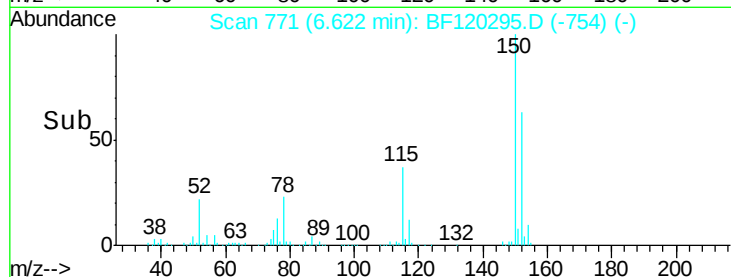
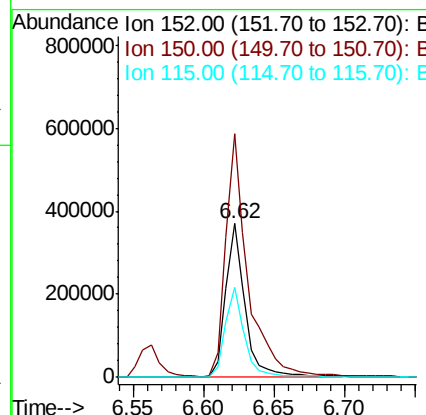
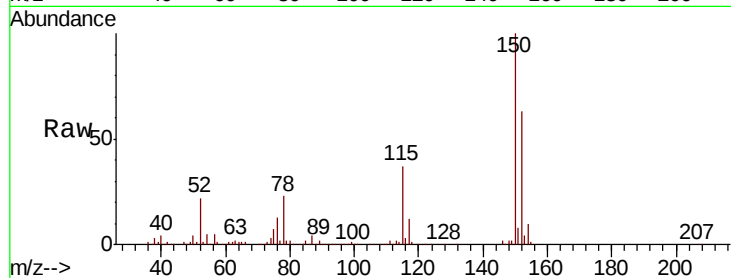
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.62 min Scan# 771
 Delta R.T. -0.00 min
 Lab File: BF120295.D
 Acq: 14 May 2020 17:20

Instrument :
 BNA_F
 ClientSampleId :
 PB128845BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.5	126.2	189.2
115	58.4	47.9	71.9

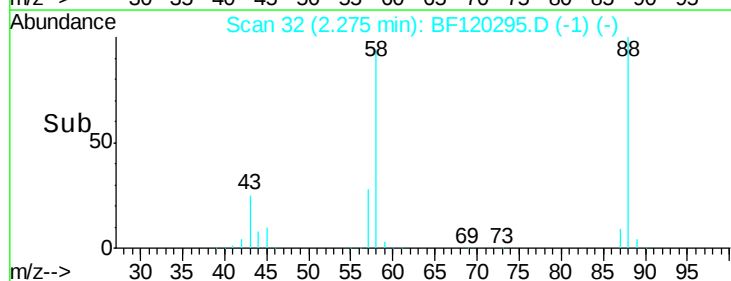
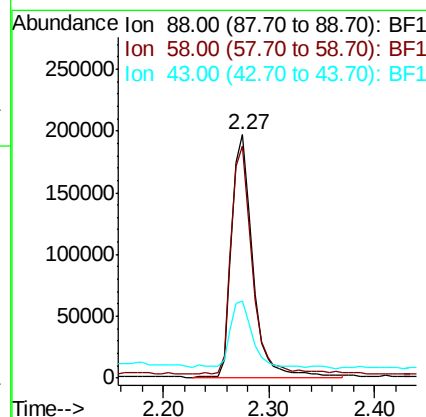
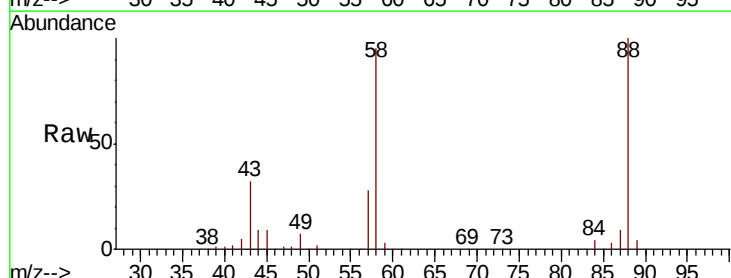
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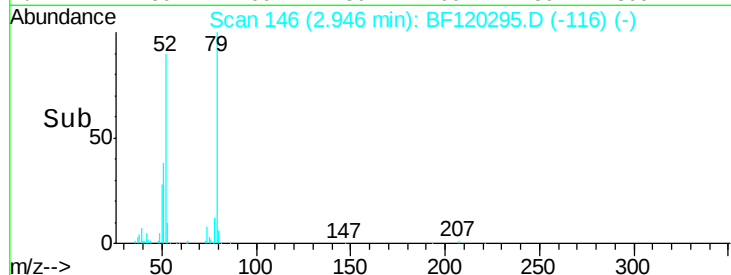
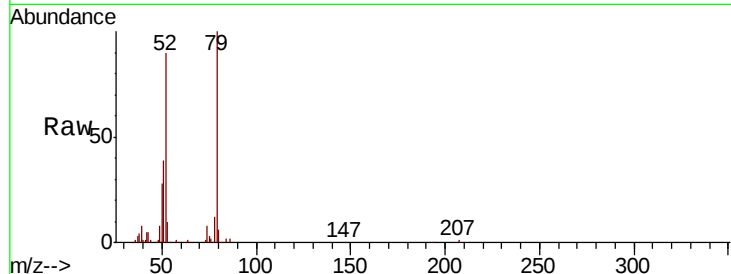
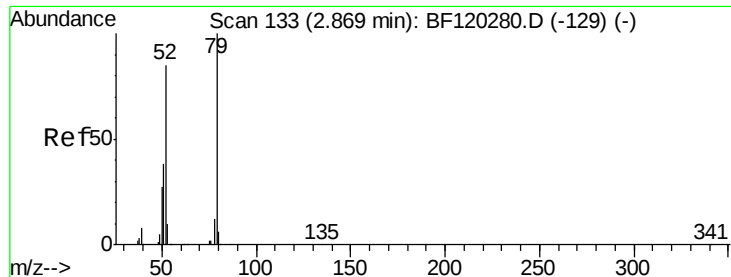
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#2
 1,4-Dioxane
 Concen: 36.880 ng
 RT: 2.27 min Scan# 32
 Delta R.T. 0.07 min
 Lab File: BF120295.D
 Acq: 14 May 2020 17:20

Tgt Ion	Ratio	Lower	Upper
88	100		
58	95.4	75.8	113.6
43	28.3	23.6	35.4





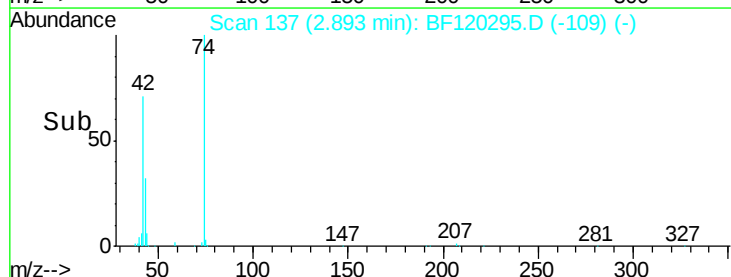
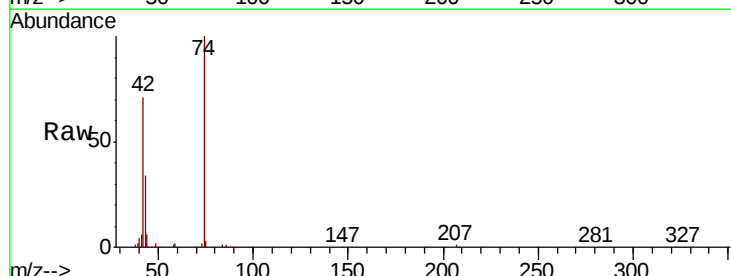
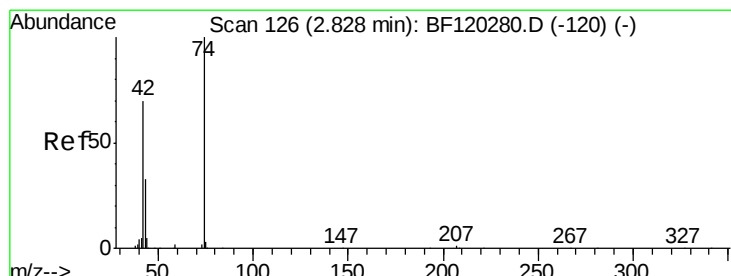
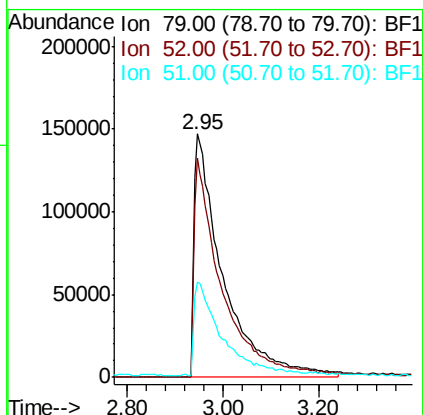
#3
Pvridine
Concen: 27.004 ng
RT: 2.95 min Scan# 146
Delta R.T. 0.08 min
Lab File: BF120295.D
Acq: 14 May 2020 17:20

Tot Ion	Ratio	Lower	Upper
79	100		
52	90.0	68.4	102.6
51	38.9	31.0	46.4

Instrument :
BNA_F
ClientSampleId :
PB128845BS

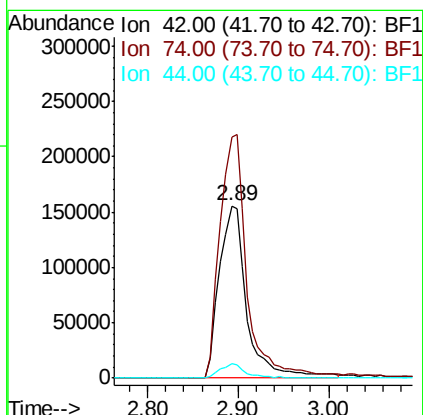
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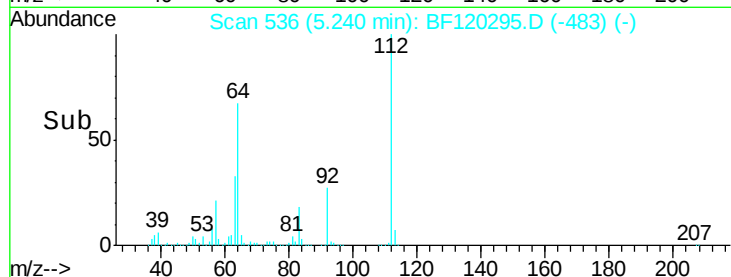
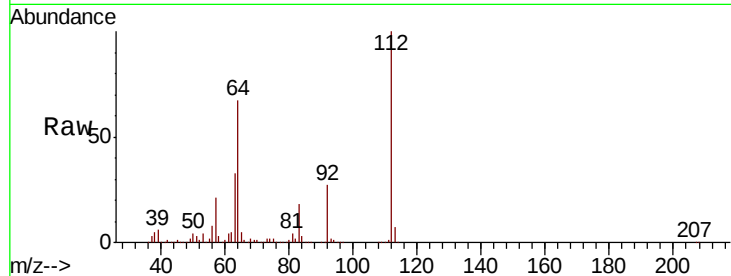
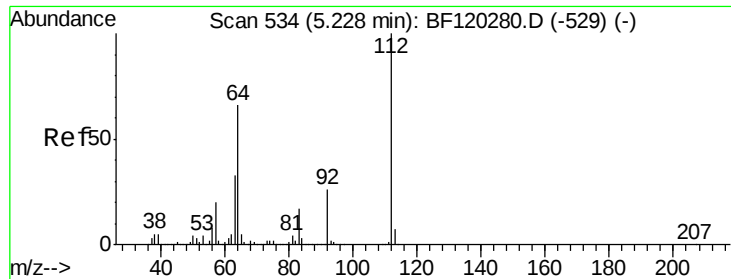
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#4
n-Nitrosodimethylamine
Concen: 36.092 ng
RT: 2.89 min Scan# 137
Delta R.T. 0.06 min
Lab File: BF120295.D
Acq: 14 May 2020 17:20

Tgt Ion	Ratio	Lower	Upper
42	100		
74	139.9	114.8	172.2
44	8.1	5.6	8.4





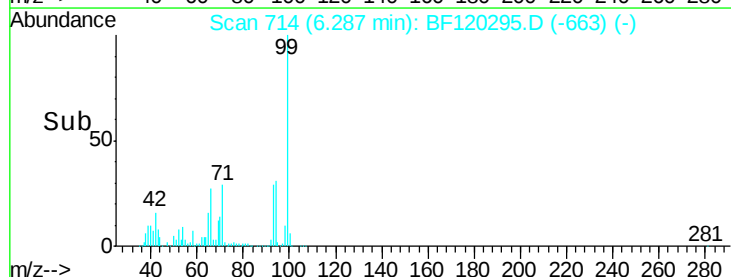
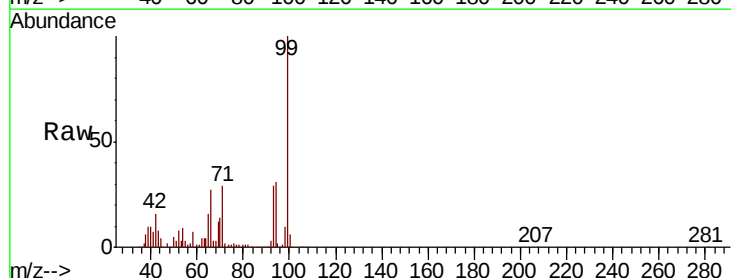
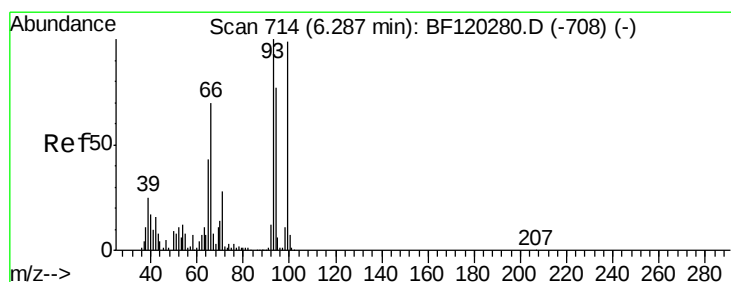
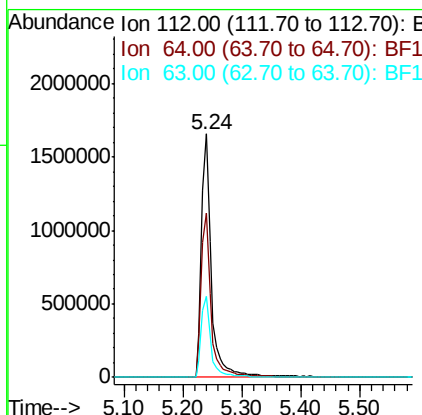
#5
2-Fluorophenol
Concen: 105.501 ng
RT: 5.24 min Scan# 536
Delta R.T. 0.01 min
Lab File: BF120295.D
Acq: 14 May 2020 17:20

Tot Ion	Ratio	Lower	Upper
112	100		
64	67.4	52.7	79.1
63	33.1	26.2	39.4

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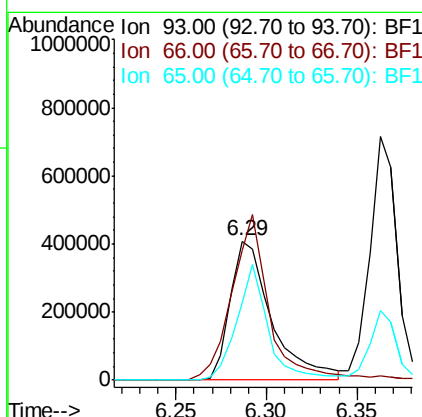
Manual Integrations
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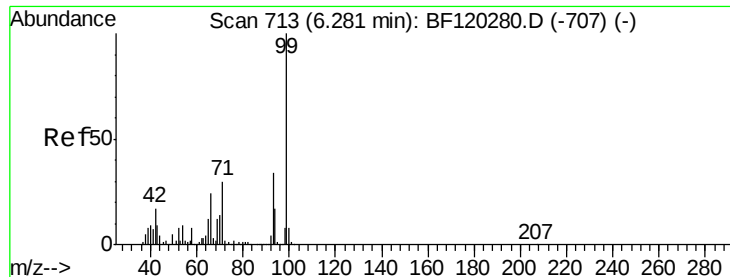
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#6
Aniline
Concen: 21.882 ng
RT: 6.29 min Scan# 714
Delta R.T. -0.00 min
Lab File: BF120295.D
Acq: 14 May 2020 17:20

Tgt Ion	Ratio	Lower	Upper
93	100		
66	93.5	56.2	84.4#
65	55.2	34.2	51.2#





#7

Phenol-d6

Concen: 104.437 ng

RT: 6.28 min Scan# 713

Delta R.T. -0.00 min

Lab File: BF120295.D

Acq: 14 May 2020 17:20

Instrument :

BNA_F

ClientSampleId :

PB128845BS

Tot Ion: 99 Resp: 2427082

Ion Ratio Lower Upper

99 100

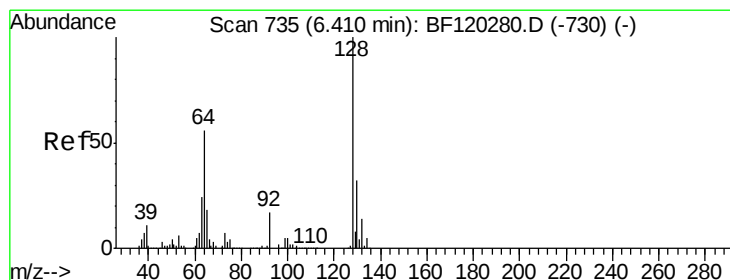
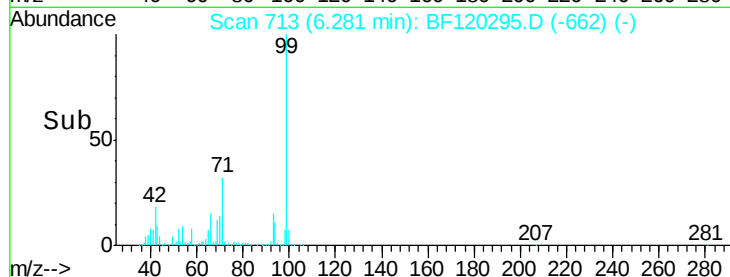
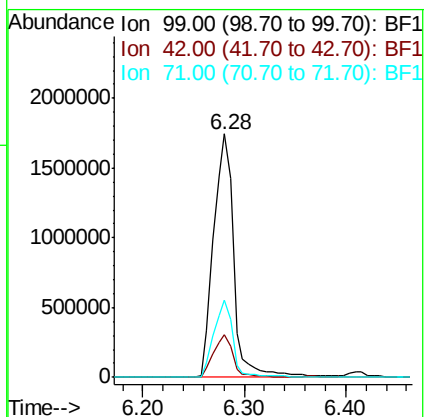
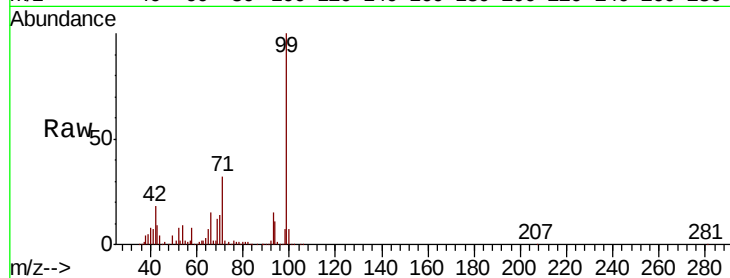
42 17.6 13.6 20.4

71 31.7 24.2 36.4

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#8

2-Chlorophenol

Concen: 36.996 ng

RT: 6.41 min Scan# 735

Delta R.T. -0.00 min

Lab File: BF120295.D

Acq: 14 May 2020 17:20

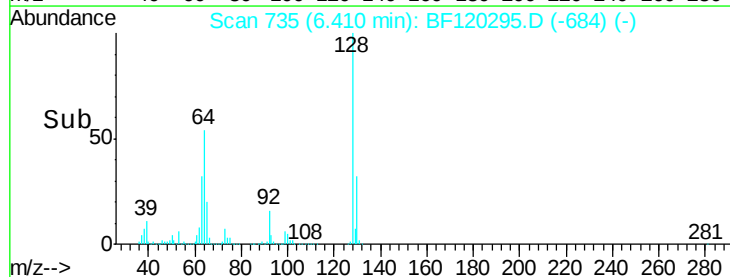
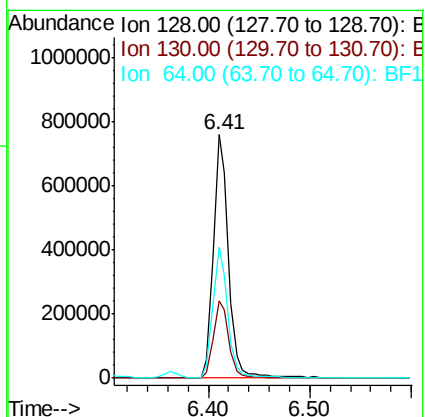
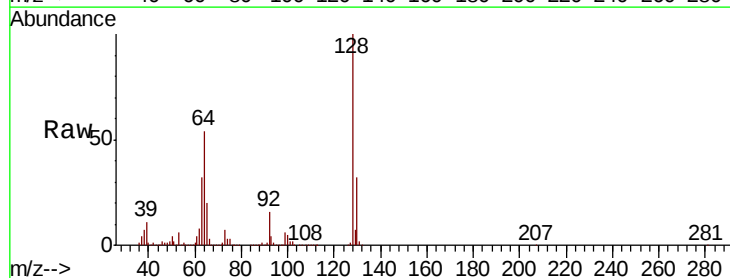
Tgt Ion: 128 Resp: 792711

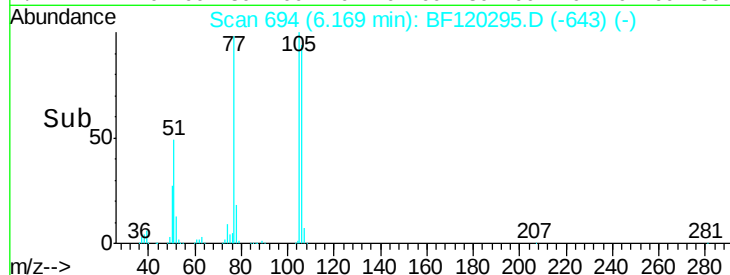
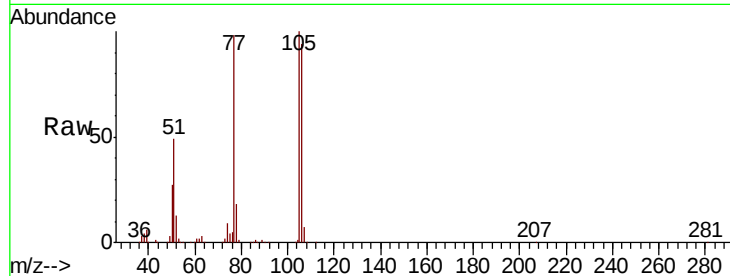
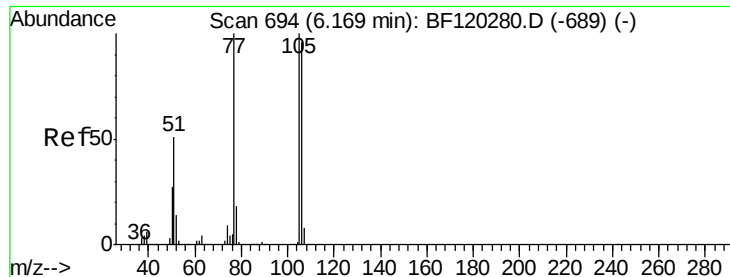
Ion Ratio Lower Upper

128 100

130 31.7 12.4 52.4

64 53.8 36.7 76.7





#9

Benzaldehyde

Concen: 34.345 ng

RT: 6.17 min Scan# 694

Delta R.T. -0.00 min

Lab File: BF120295.D

Acq: 14 May 2020 17:20

Instrument :

BNA_F

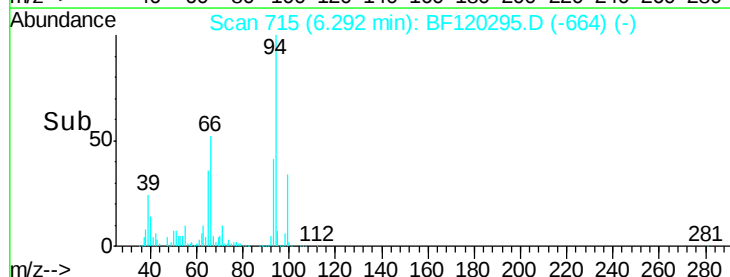
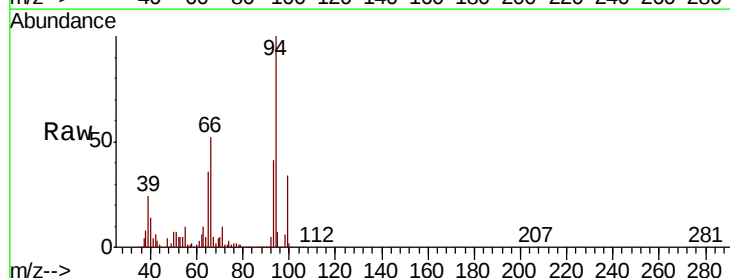
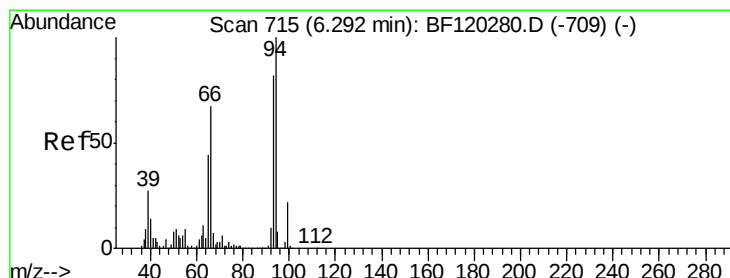
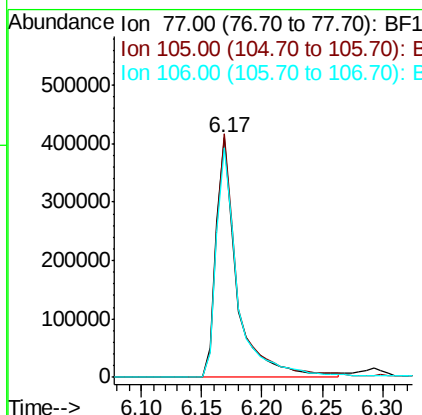
ClientSampleId :

PB128845BS

Tot Ion:	77	Resp:	492046
Ion Ratio	Lower	Upper	
77	100		
105	101.7	79.9	119.9
106	95.8	75.7	115.7

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#10

Phenol

Concen: 34.756 ng

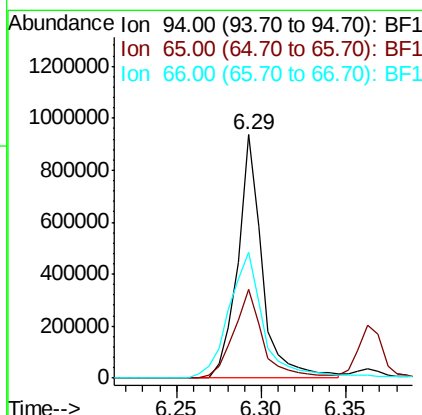
RT: 6.29 min Scan# 715

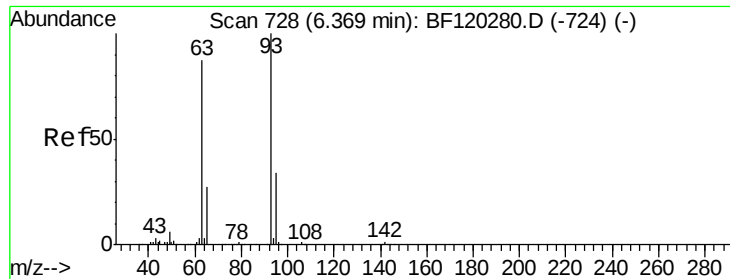
Delta R.T. -0.00 min

Lab File: BF120295.D

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Tgt Ion:	94	Resp:	942895
Ion Ratio	Lower	Upper	
94	100		
65	36.4	24.1	64.1
66	51.9	47.5	87.5





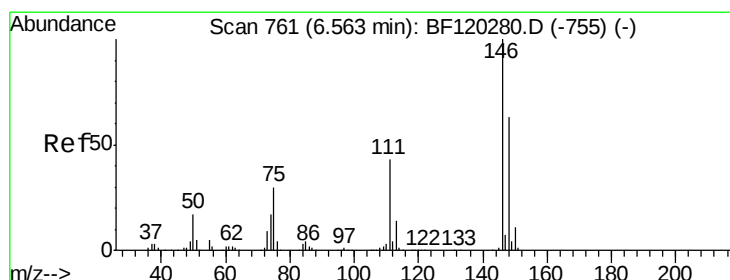
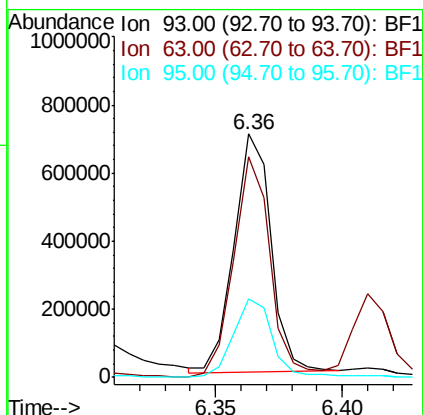
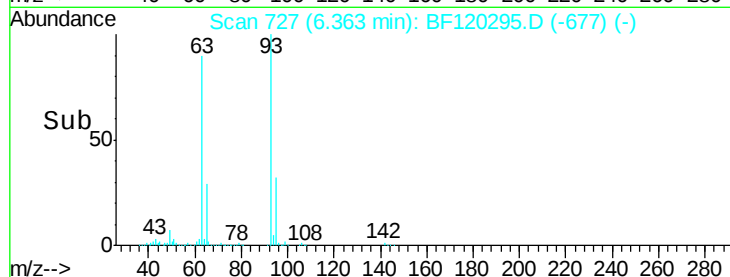
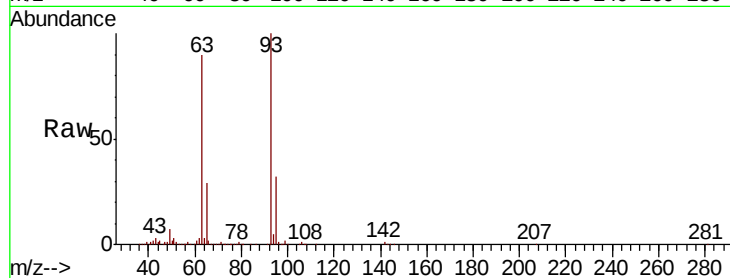
#11
bis(2-Chloroethyl)ether
Concen: 32.902 ng
RT: 6.36 min Scan# 727
Delta R.T. -0.01 min
Lab File: BF120295.D
Acq: 14 May 2020 17:20

Instrument :
BNA_F
ClientSampleId :
PB128845BS

Tot Ion:	93	Resp:	713007
Ion	Ratio	Lower	Upper
93	100		
63	90.5	65.4	105.4
95	32.1	12.9	52.9

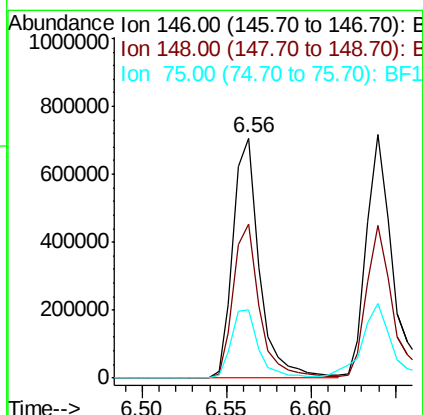
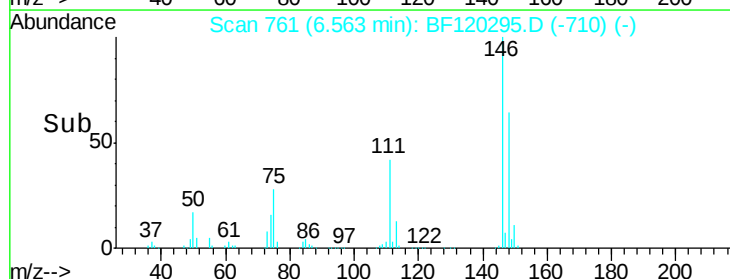
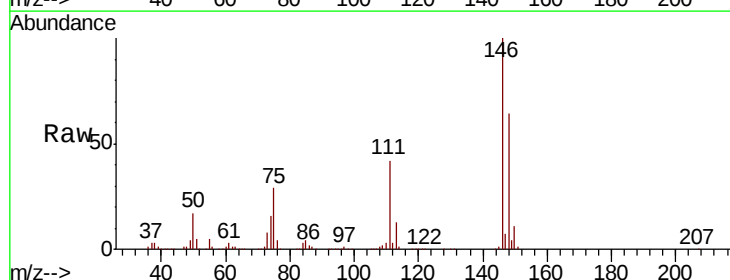
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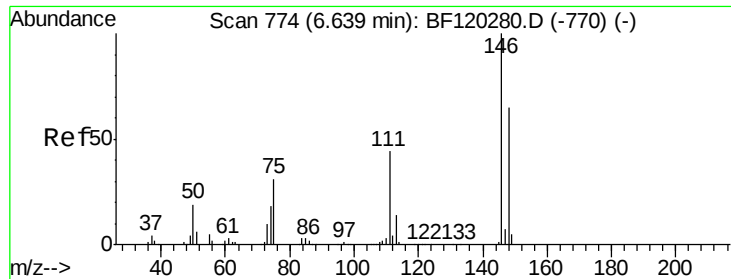
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#12
1,3-Dichlorobenzene
Concen: 33.665 ng
RT: 6.56 min Scan# 761
Delta R.T. -0.00 min
Lab File: BF120295.D
Acq: 14 May 2020 17:20

Tgt Ion:	146	Resp:	771869
Ion	Ratio	Lower	Upper
146	100		
148	64.3	50.5	75.7
75	28.6	24.2	36.4





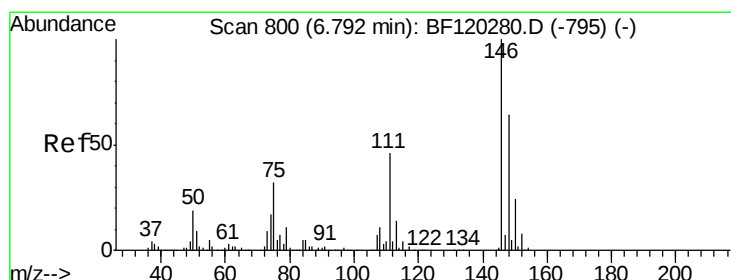
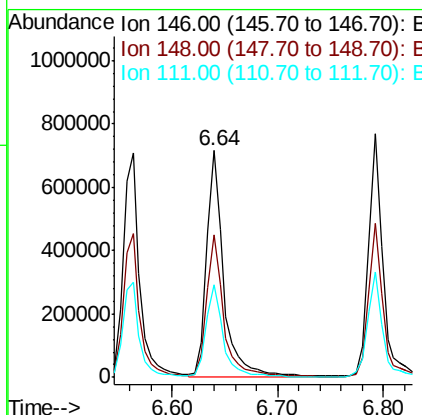
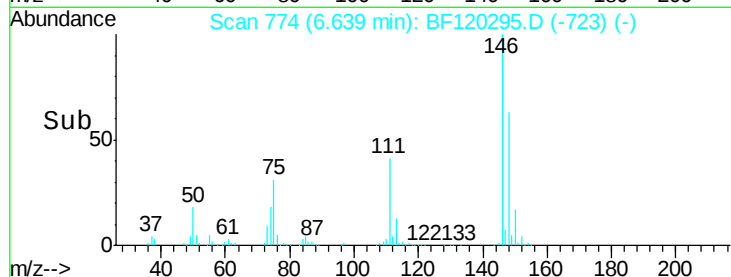
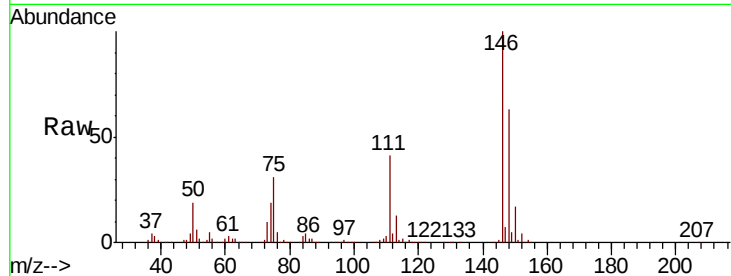
#13
 1,4-Dichlorobenzene
 Concen: 34.580 ng
 RT: 6.64 min Scan# 774
 Delta R.T. -0.00 min
 Lab File: BF120295.D
 Acq: 14 May 2020 17:20

Instrument :
 BNA_F
 ClientSampleId :
 PB128845BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	62.9	51.6	77.4
111	40.8	35.1	52.7

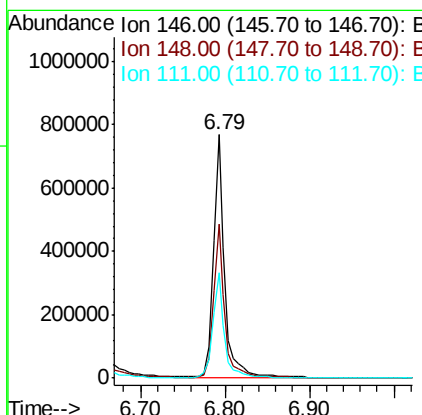
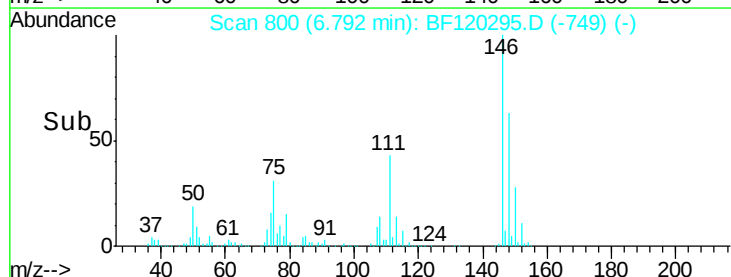
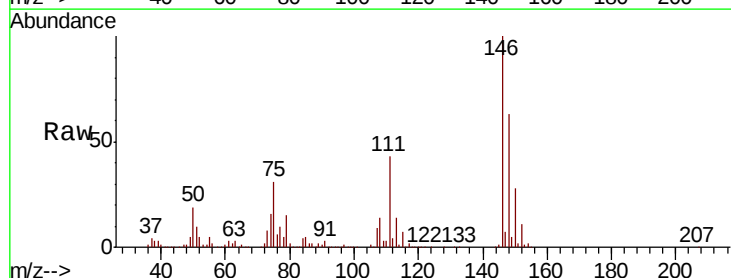
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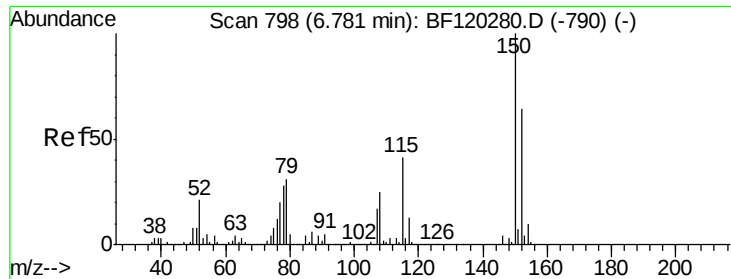
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#14
 1,2-Dichlorobenzene
 Concen: 34.348 ng
 RT: 6.79 min Scan# 800
 Delta R.T. -0.00 min
 Lab File: BF120295.D
 Acq: 14 May 2020 17:20

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.1	51.1	76.7
111	43.4	36.6	55.0





#15

Benzyl Alcohol

Concen: 36.477 ng

RT: 6.78 min Scan# 798

Delta R.T. -0.00 min

Lab File: BF120295.D

Acq: 14 May 2020 17:20

Instrument :

BNA_F

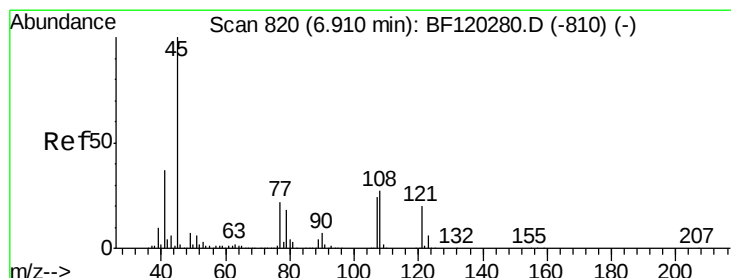
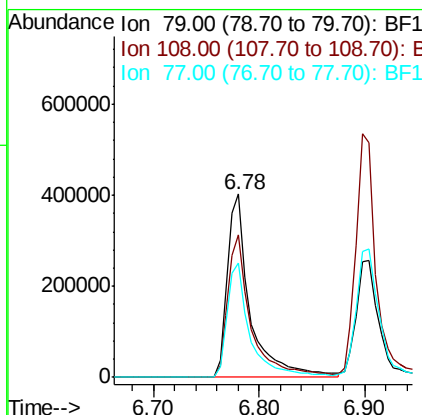
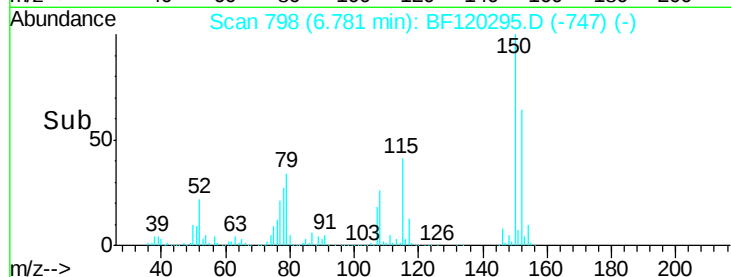
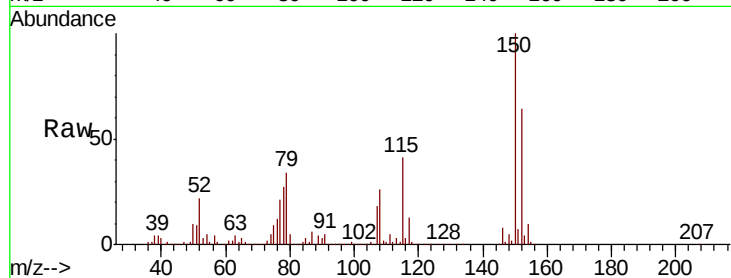
ClientSampleId :

PB128845BS

Tot Ion:	79	Resp:	602238
Ion Ratio	Lower	Upper	
79	100		
108	77.9	64.2	96.4
77	62.5	51.6	77.4

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 34.730 ng

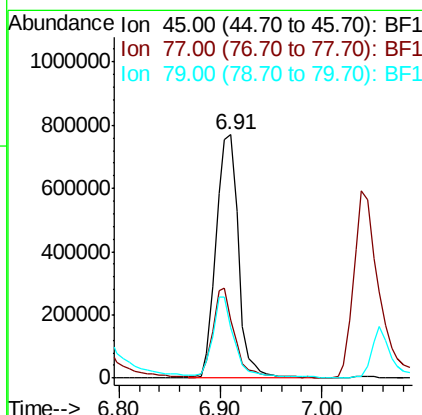
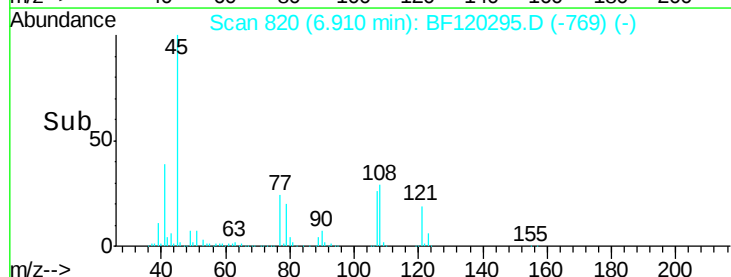
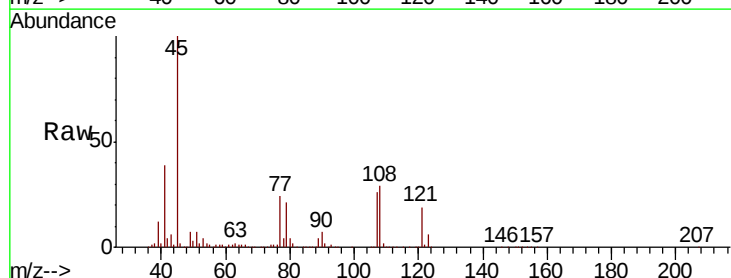
RT: 6.91 min Scan# 820

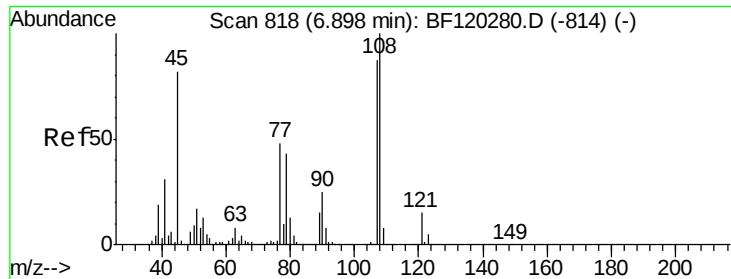
Delta R.T. -0.00 min

Lab File: BF120295.D

Acq: 14 May 2020 17:20

Tgt Ion:	45	Resp:	1186049
Ion Ratio	Lower	Upper	
45	100		
77	23.9	3.1	43.1
79	20.6	0.0	40.0





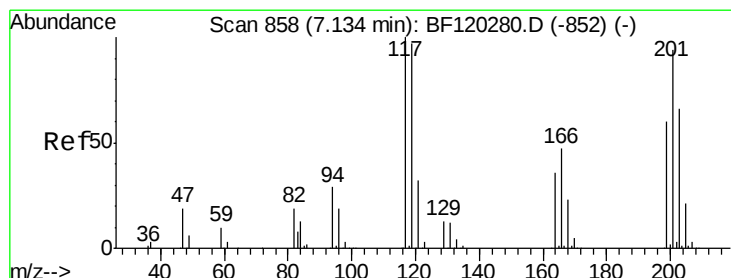
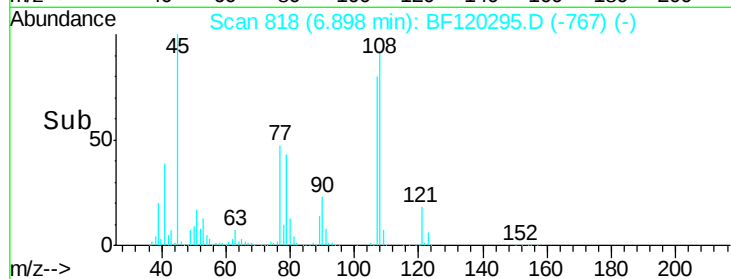
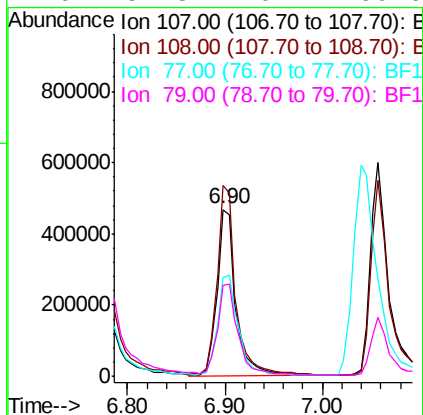
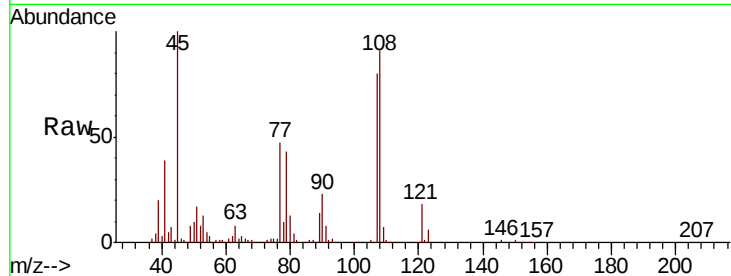
#17
2-Methylphenol
Concen: 34.318 ng
RT: 6.90 min Scan# 818
Delta R.T. -0.00 min
Lab File: BF120295.D
Acq: 14 May 2020 17:20

Instrument :
BNA_F
ClientSampleId :
PB128845BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100	620761		
108	114.1	92.4	138.6	
77	59.2	44.5	66.7	
79	54.3	40.4	60.6	

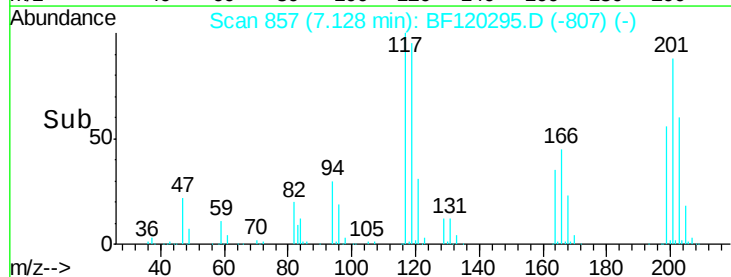
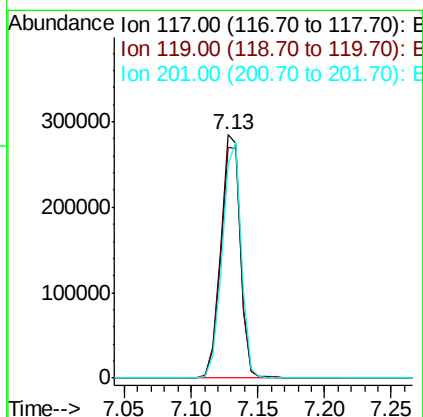
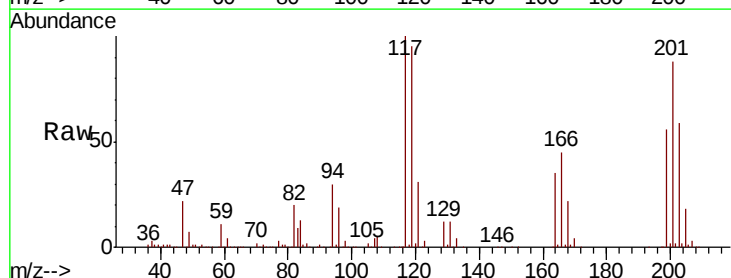
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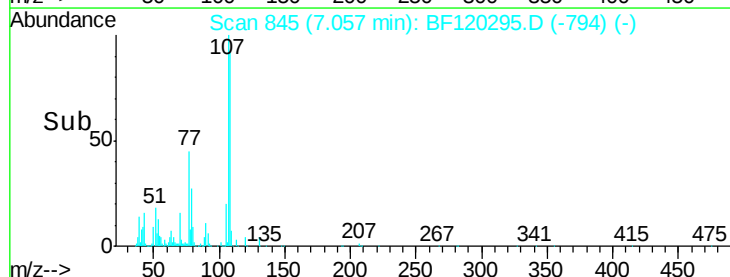
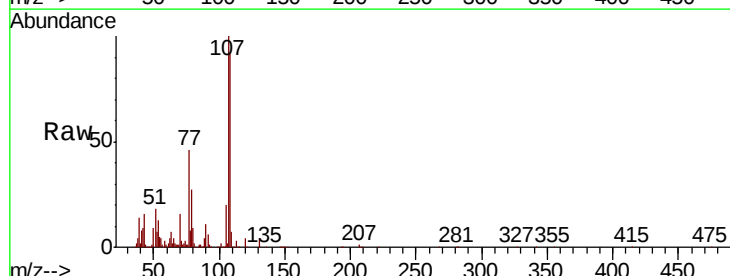
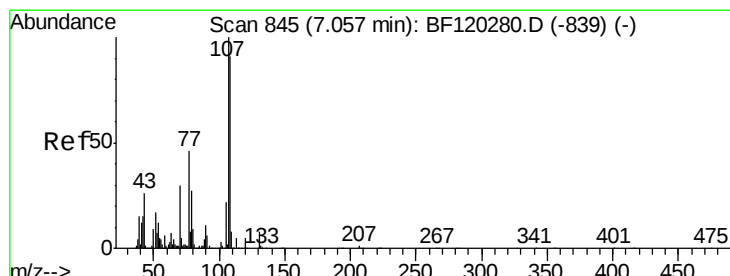
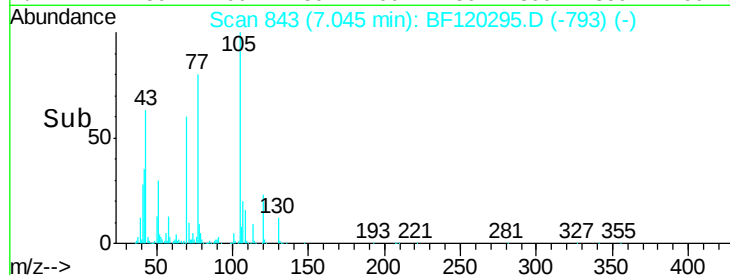
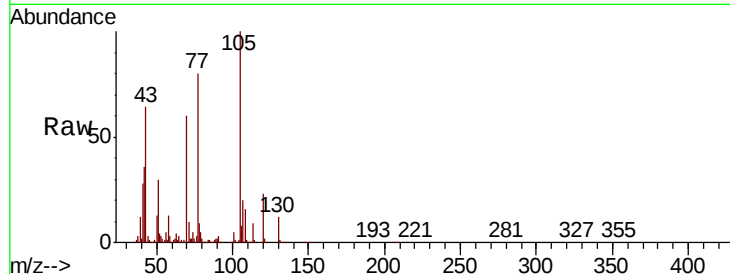
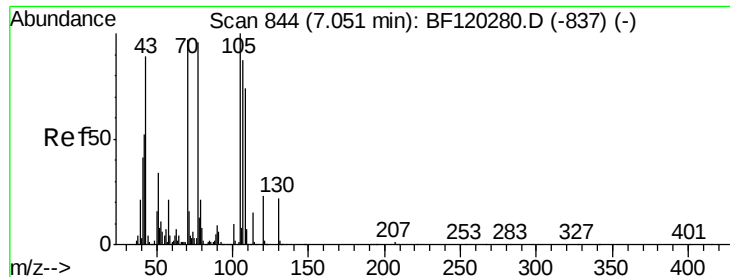
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#18
Hexachloroethane
Concen: 32.917 ng
RT: 7.13 min Scan# 857
Delta R.T. -0.01 min
Lab File: BF120295.D
Acq: 14 May 2020 17:20

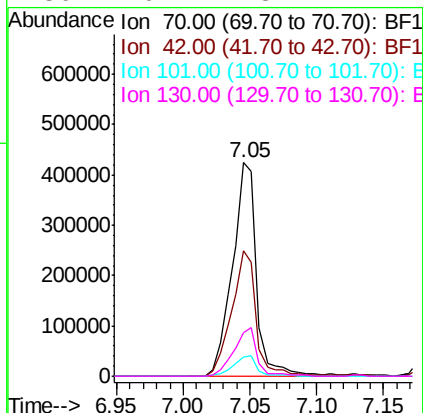
Tgt Ion	Ratio	Resp	Lower	Upper
117	100	296124		
119	94.8	77.4	116.0	
201	87.9	74.9	112.3	





#19
n-Nitroso-di-n-propylamine
Concen: 35.443 ng
RT: 7.05 min Scan# 843
Delta R.T. -0.01 min
Lab File: BF120295.D
Acq: 14 May 2020 17:20

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	59.0	43.4	65.0		
101	8.8	7.8	11.8		
130	20.4	18.2	27.4		



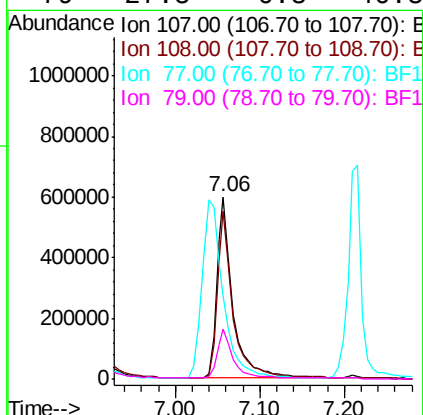
Instrument :
BNA_F
ClientSampleId :
PB128845BS

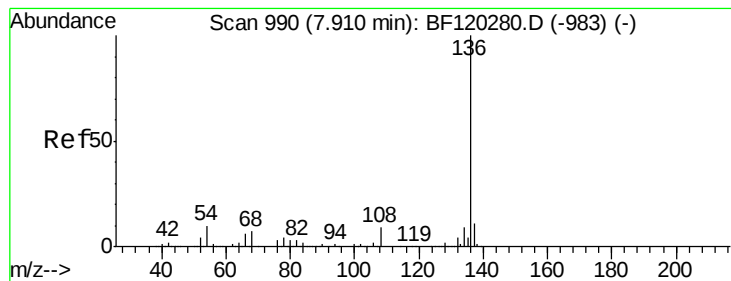
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#20
3+4-Methylphenols
Concen: 34.052 ng
RT: 7.06 min Scan# 845
Delta R.T. -0.00 min
Lab File: BF120295.D
Acq: 14 May 2020 17:20

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	91.9	71.1	111.1		
77	45.6	28.1	68.1		
79	27.5	6.8	46.8		





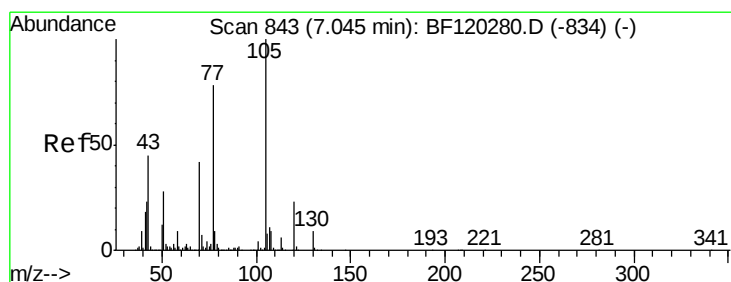
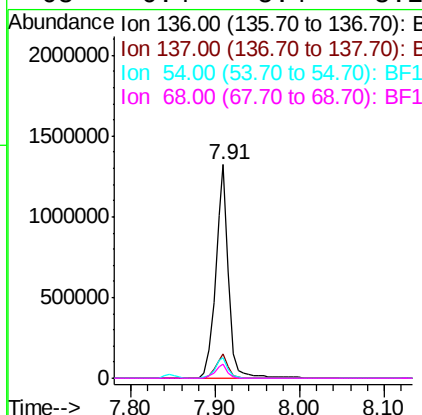
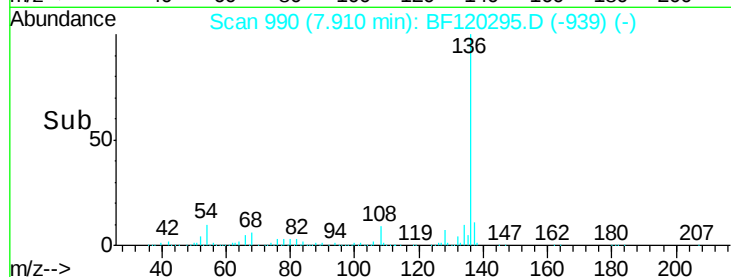
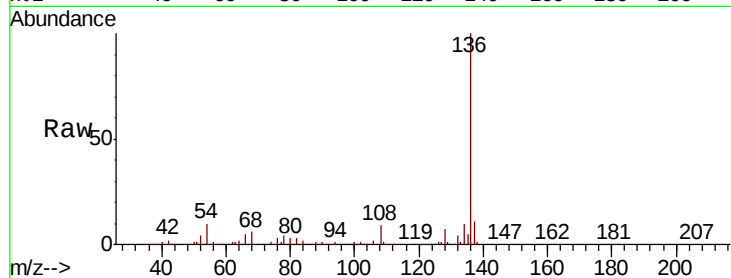
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.91 min Scan# 990
Delta R.T. -0.00 min
Lab File: BF120295.D
Acq: 14 May 2020 17:20

Instrument :
BNA_F
ClientSampleId :
PB128845BS

Tot Ion	136	Resp	1426033
Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.1	13.7
54	9.9	7.9	11.9
68	6.4	5.4	8.2

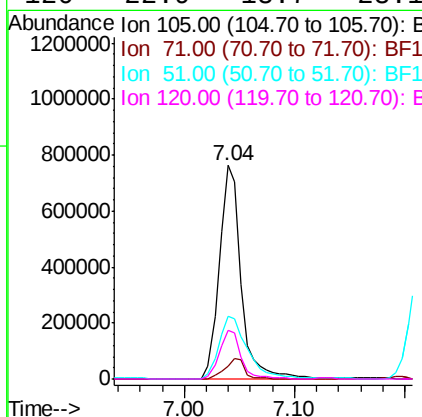
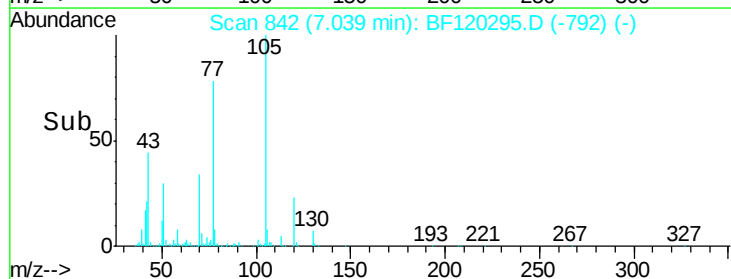
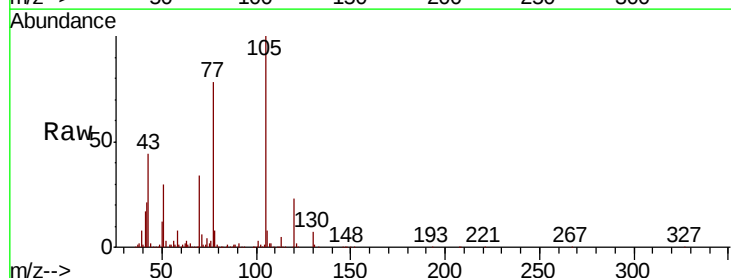
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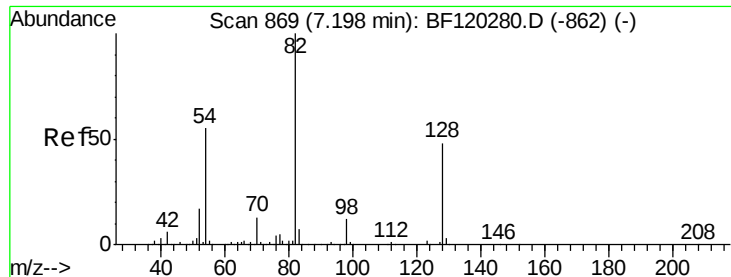
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#22
Acetophenone
Concen: 36.080 ng
RT: 7.04 min Scan# 842
Delta R.T. -0.01 min
Lab File: BF120295.D
Acq: 14 May 2020 17:20

Tgt Ion	105	Resp	1054034
Ion	Ratio	Lower	Upper
105	100		
71	5.9	5.6	8.4
51	29.7	22.6	34.0
120	22.9	18.7	28.1





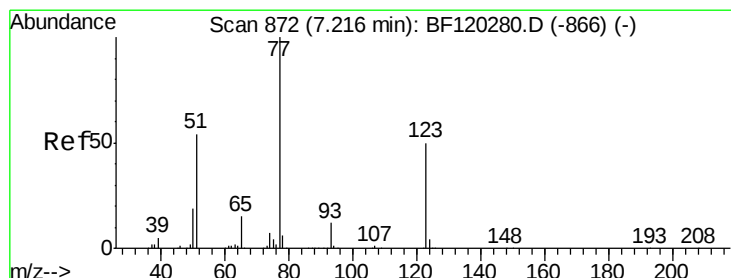
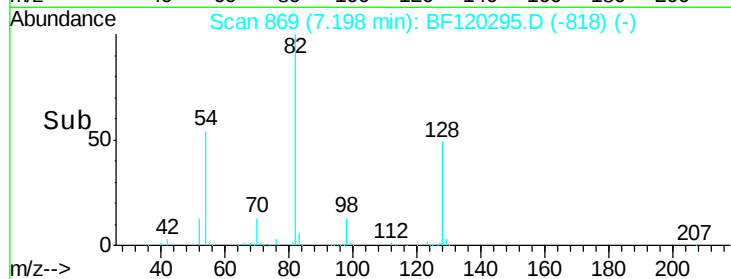
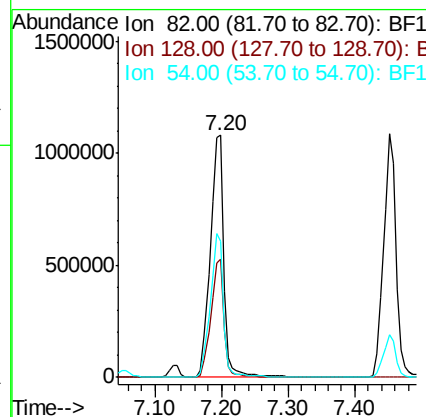
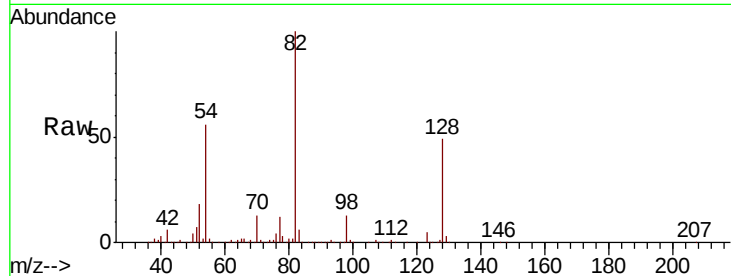
#23
Nitrobenzene-d5
Concen: 73.244 ng
RT: 7.20 min Scan# 869
Delta R.T. -0.00 min
Lab File: BF120295.D
Acq: 14 May 2020 17:20

Instrument :
BNA_F
ClientSampleId :
PB128845BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	49.0	38.3	57.5
54	56.4	43.9	65.9

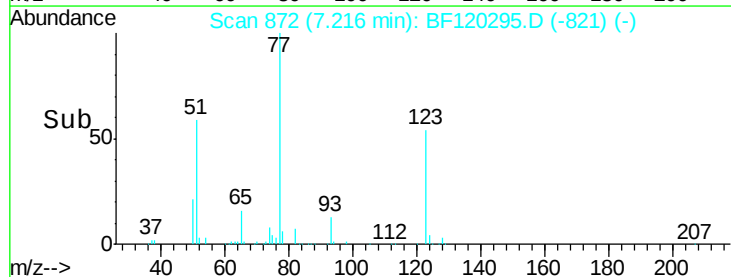
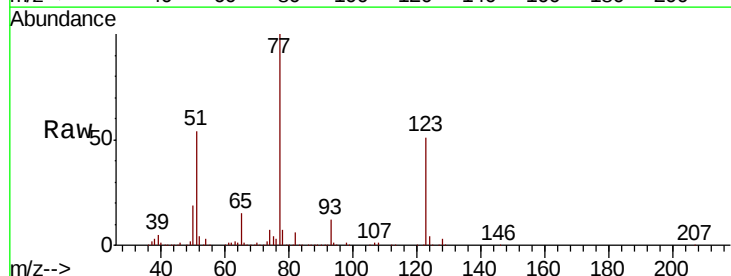
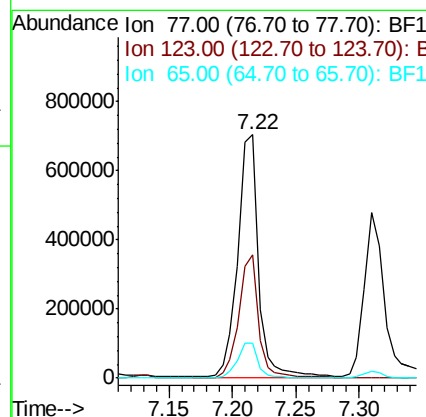
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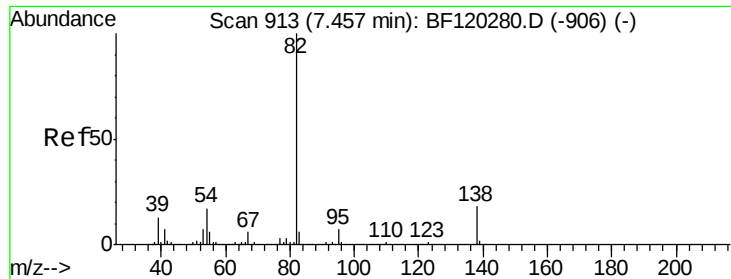
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#24
Nitrobenzene
Concen: 35.540 ng
RT: 7.22 min Scan# 872
Delta R.T. -0.00 min
Lab File: BF120295.D
Acq: 14 May 2020 17:20

Tgt Ion	Ratio	Lower	Upper
77	100		
123	50.5	40.0	60.0
65	14.5	11.7	17.5





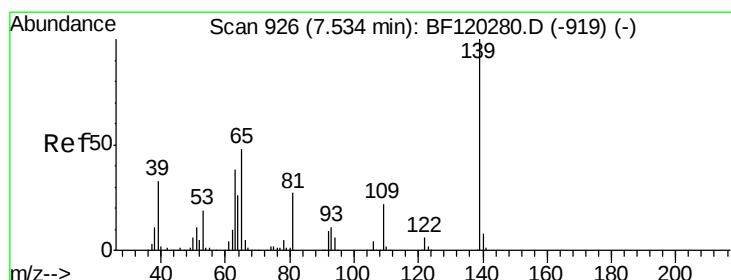
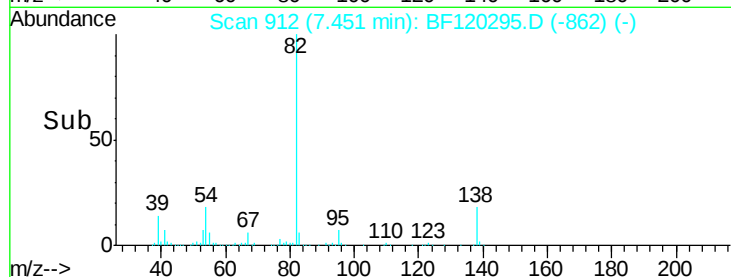
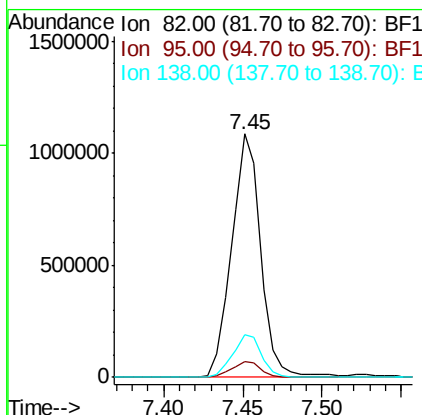
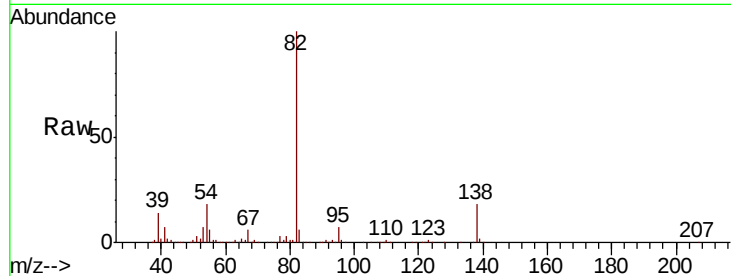
#25
Isophorone
Concen: 31.627 ng
RT: 7.45 min Scan# 912
Delta R.T. -0.01 min
Lab File: BF120295.D
Acq: 14 May 2020 17:20

Instrument :
BNA_F
ClientSampleId :
PB128845BS

Tot Ion	82	Resp	1370604
Ion	Ratio	Lower	Upper
82	100		
95	6.5	5.4	8.0
138	17.6	14.7	22.1

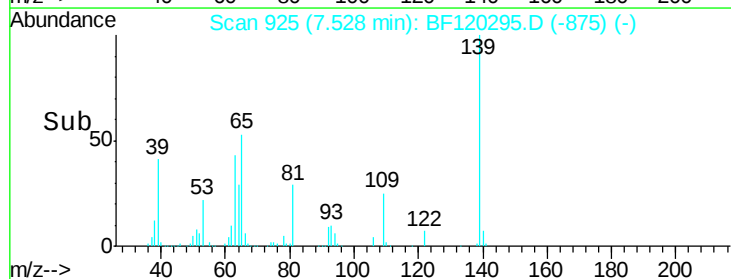
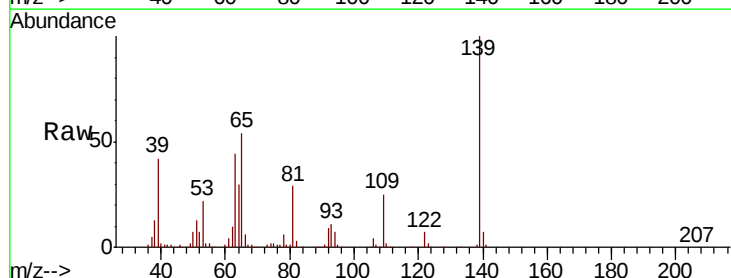
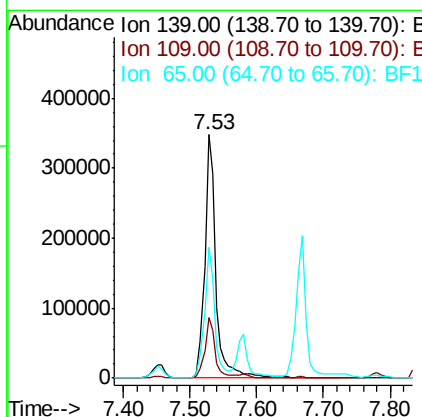
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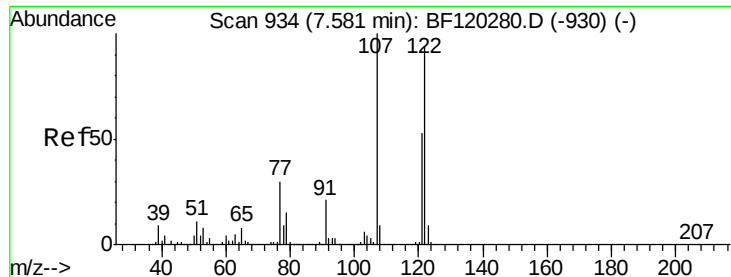
mohammad
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#26
2-Nitrophenol
Concen: 34.257 ng
RT: 7.53 min Scan# 925
Delta R.T. -0.01 min
Lab File: BF120295.D
Acq: 14 May 2020 17:20

Tgt Ion	139	Resp	401609
Ion	Ratio	Lower	Upper
139	100		
109	25.0	17.7	26.5
65	54.0	38.3	57.5





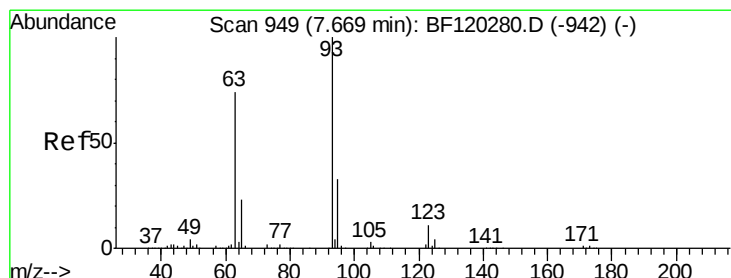
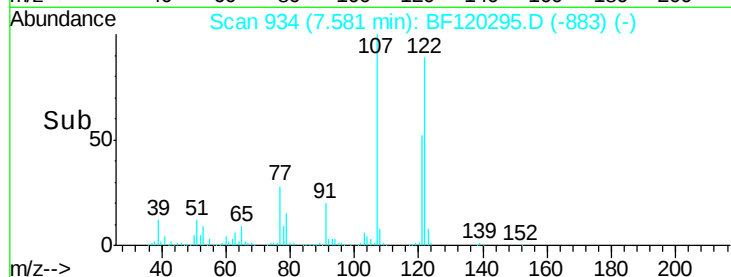
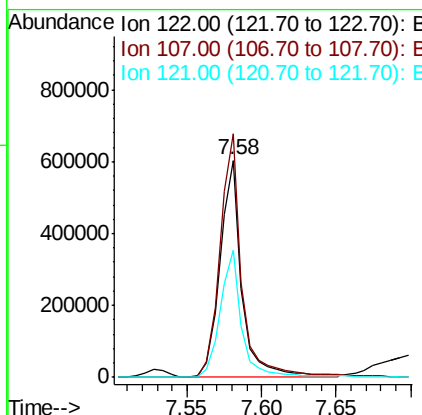
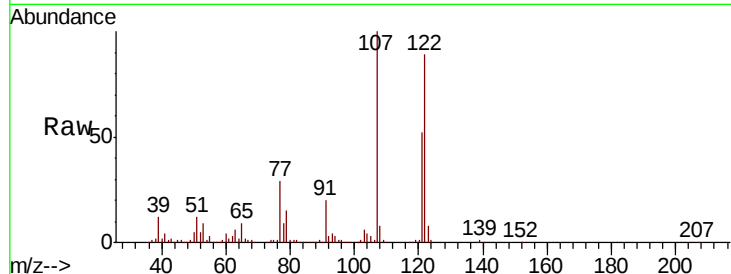
#27
 2,4-Dimethylphenol
 Concen: 36.120 ng
 RT: 7.58 min Scan# 934
 Delta R.T. -0.00 min
 Lab File: BF120295.D
 Acq: 14 May 2020 17:20

Instrument :
 BNA_F
 ClientSampleId :
 PB128845BS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	615979		
107	112.1	85.0	127.6	
121	58.6	45.1	67.7	

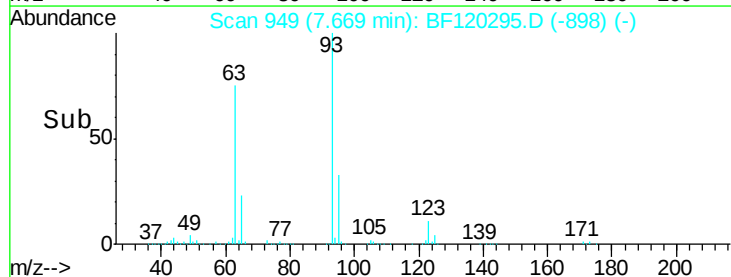
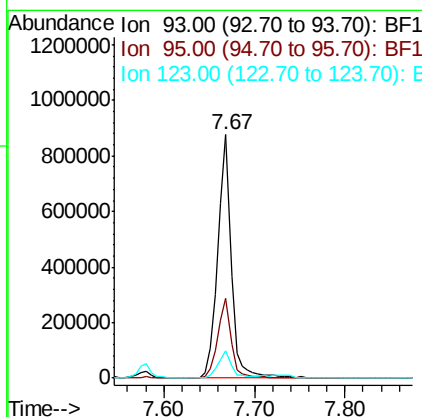
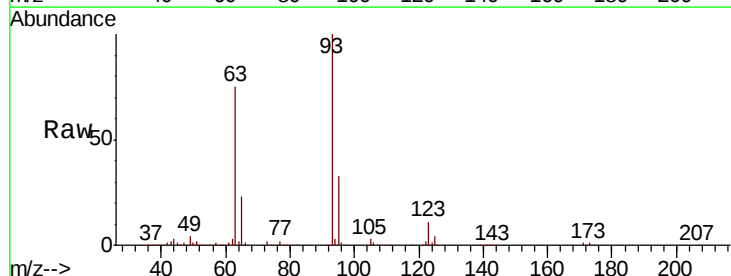
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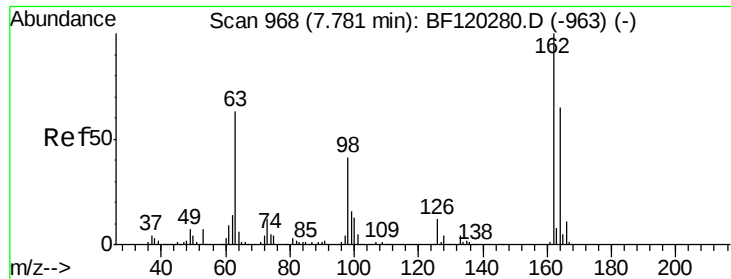
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#28
 bis(2-Chloroethoxy)methane
 Concen: 33.098 ng
 RT: 7.67 min Scan# 949
 Delta R.T. -0.00 min
 Lab File: BF120295.D
 Acq: 14 May 2020 17:20

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	901561		
95	32.5	26.8	40.2	
123	11.1	9.2	13.8	





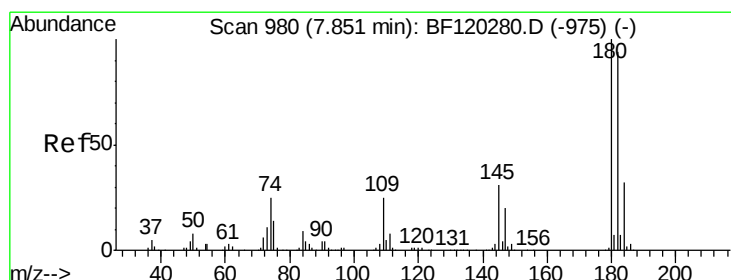
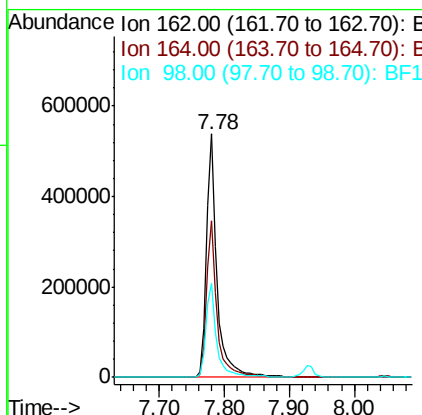
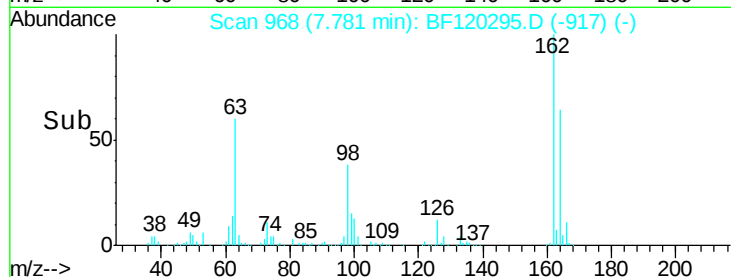
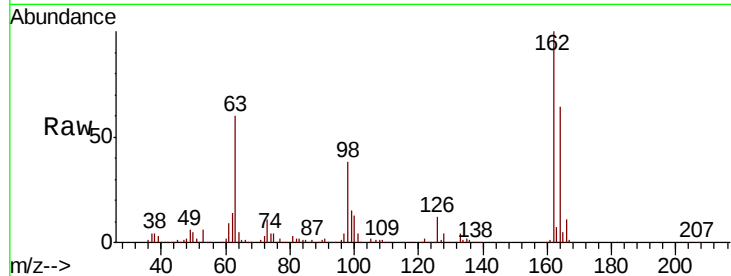
#29
2,4-Dichlorophenol
Concen: 34.868 ng
RT: 7.78 min Scan# 968
Delta R.T. -0.00 min
Lab File: BF120295.D
Acq: 14 May 2020 17:20

Instrument :
BNA_F
ClientSampleId :
PB128845BS

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.3	44.9	84.9
98	38.4	20.7	60.7

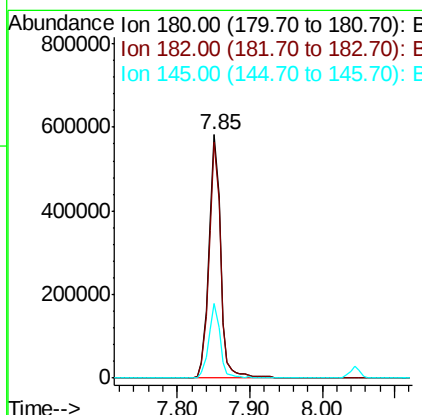
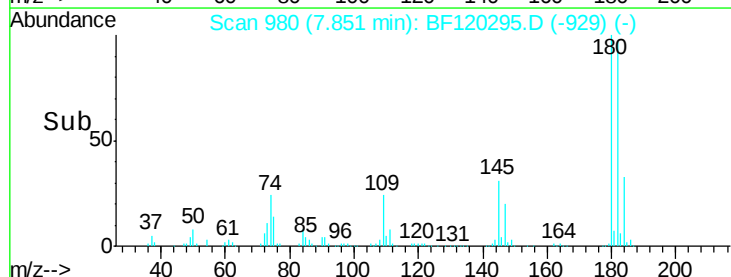
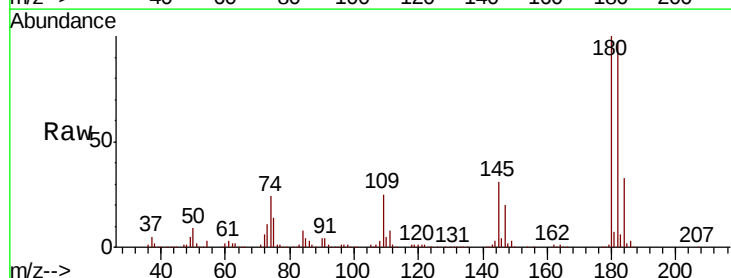
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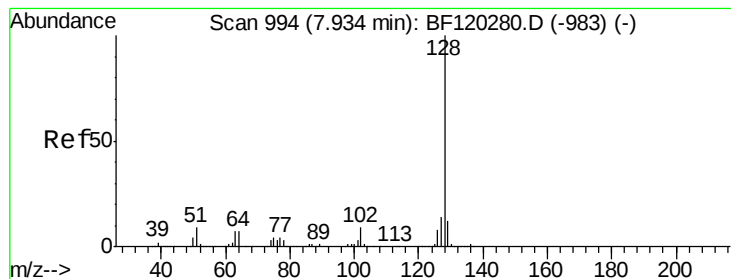
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#30
1,2,4-Trichlorobenzene
Concen: 34.089 ng
RT: 7.85 min Scan# 980
Delta R.T. -0.00 min
Lab File: BF120295.D
Acq: 14 May 2020 17:20

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.9	75.3	112.9
145	30.9	24.9	37.3





#31

Naphthalene

Concen: 37.437 ng

RT: 7.93 min Scan# 993

Delta R.T. -0.01 min

Lab File: BF120295.D

Acq: 14 May 2020 17:20

Instrument :

BNA_F

ClientSampleId :

PB128845BS

Tot Ion:128 Resp: 2253169

Ion Ratio Lower Upper

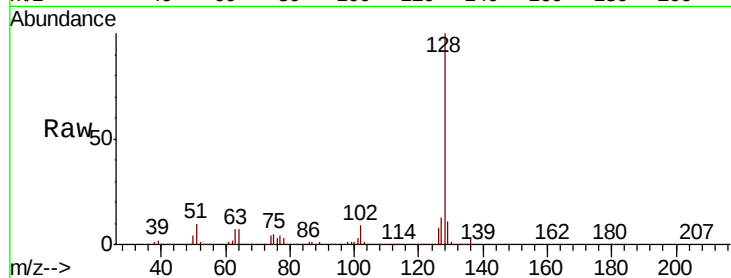
128 100

129 11.5 9.3 13.9

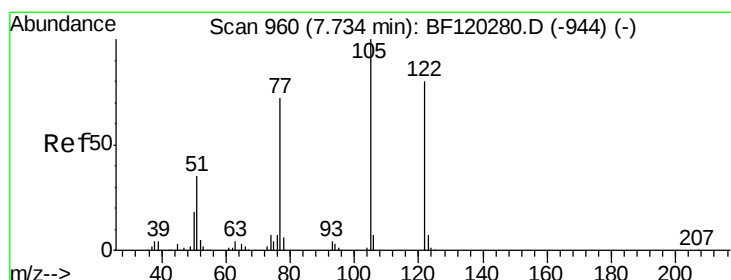
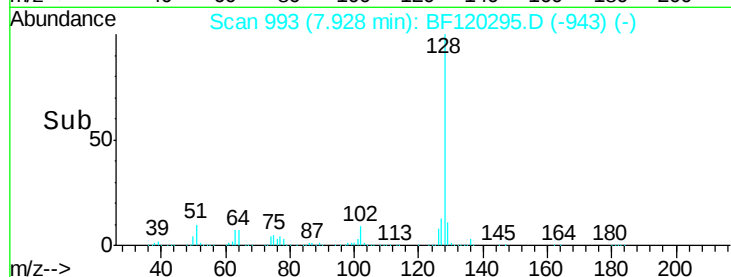
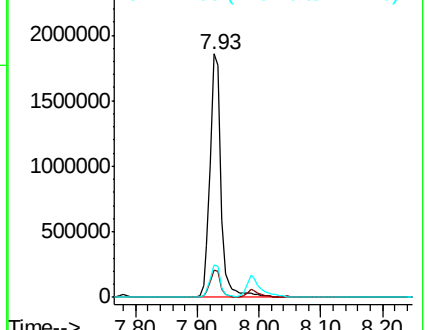
127 13.4 11.2 16.8

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



#32

Benzoic acid

Concen: 32.642 ng

RT: 7.73 min Scan# 960

Delta R.T. -0.00 min

Lab File: BF120295.D

Acq: 14 May 2020 17:20

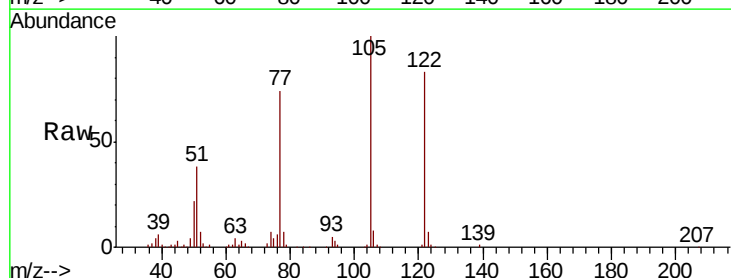
Tgt Ion:122 Resp: 364874

Ion Ratio Lower Upper

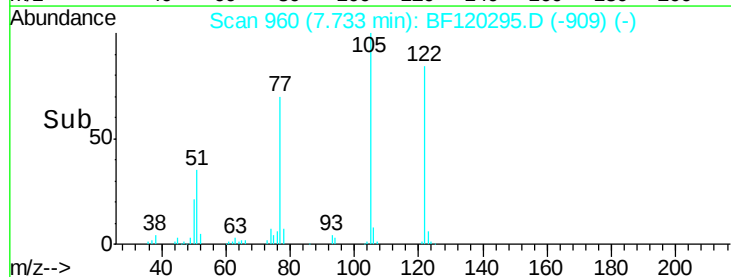
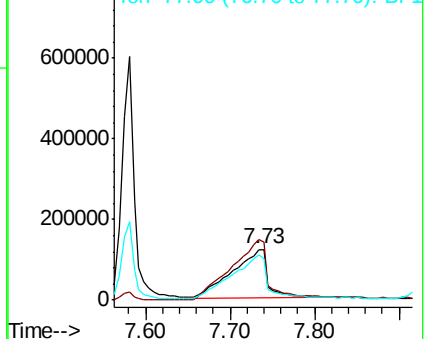
122 100

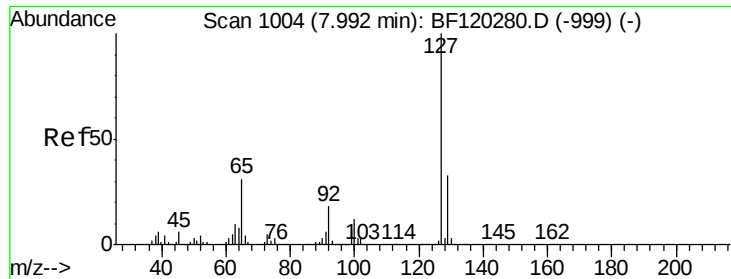
105 120.0 98.1 138.1

77 88.7 66.7 106.7



Abundance Ion 122.00 (121.70 to 122.70): E
800000 Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1





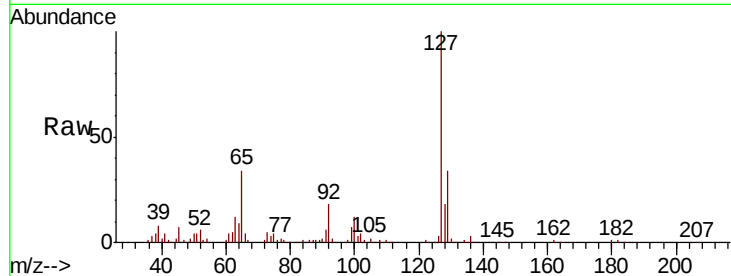
#33
4-Chloroaniline
Concen: 10.028 ng
RT: 7.99 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BF120295.D
Acq: 14 May 2020 17:20

Instrument :
BNA_F
ClientSampleId :
PB128845BS

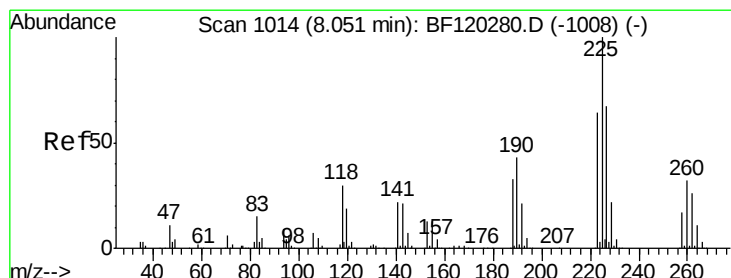
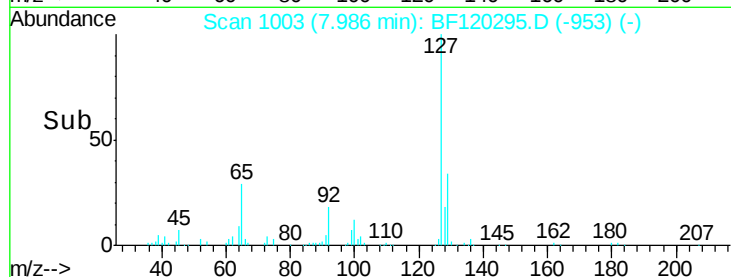
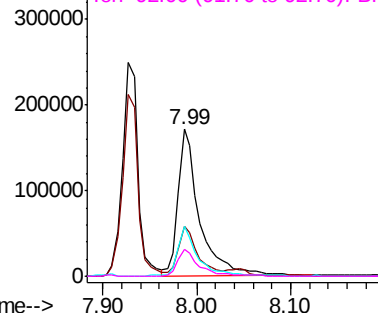
Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	34.3	26.4	39.6		
65	33.9	24.8	37.2		
92	18.4	14.5	21.7		

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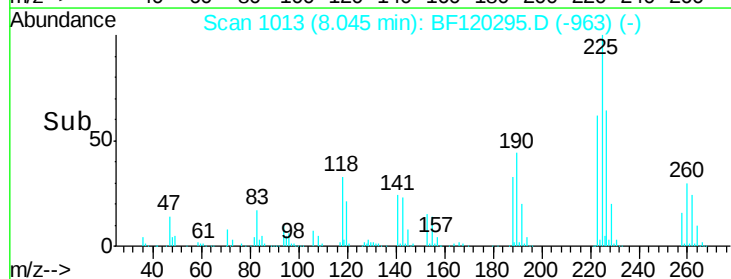
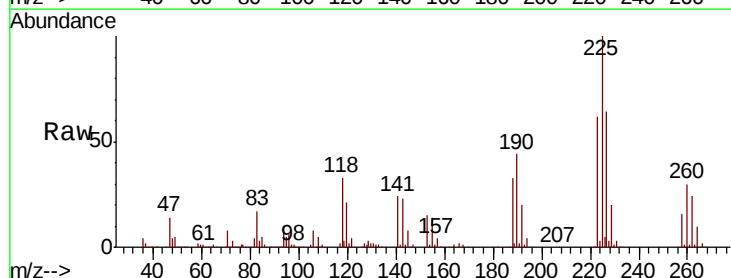
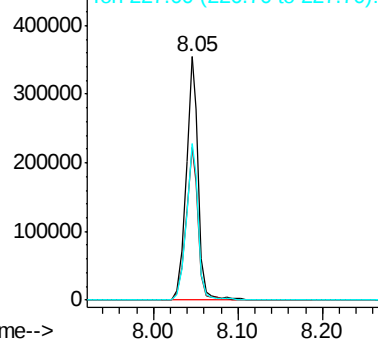
Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

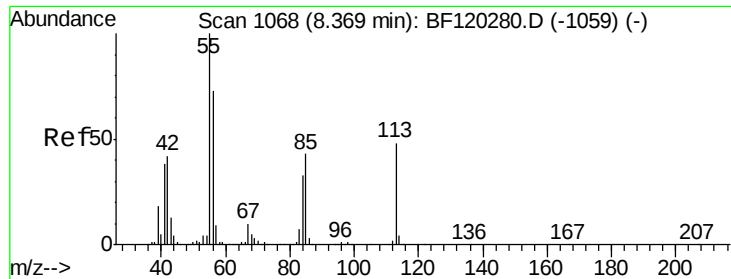


#34
Hexachlorobutadiene
Concen: 32.310 ng
RT: 8.05 min Scan# 1013
Delta R.T. -0.01 min
Lab File: BF120295.D
Acq: 14 May 2020 17:20

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	62.5	51.4	77.0		
227	64.5	54.0	81.0		

Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





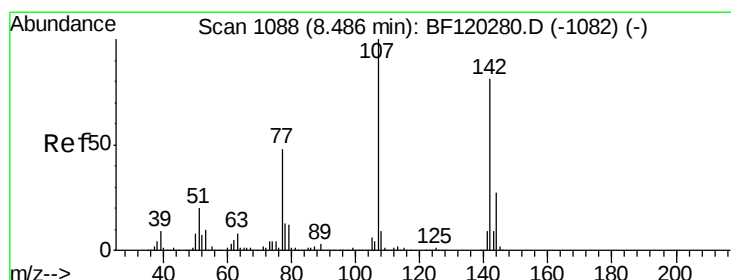
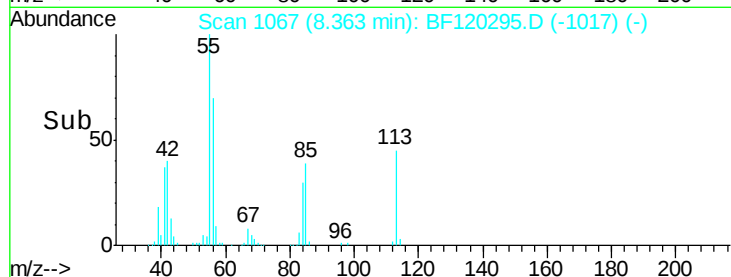
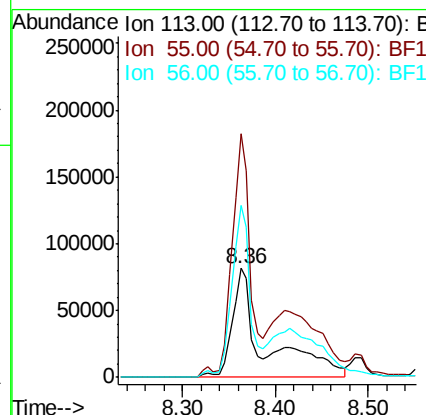
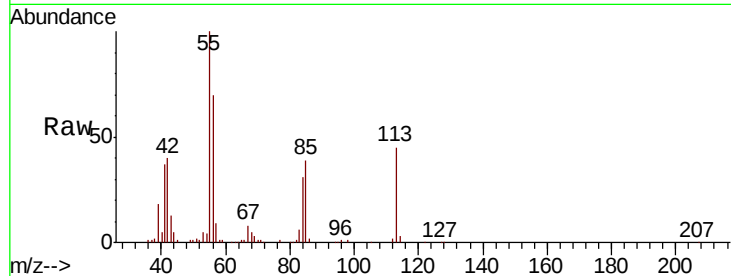
#35
 Caprolactam
 Concen: 34.684 ng/ml
 RT: 8.36 min Scan# 1067
 Delta R.T. -0.01 min
 Lab File: BF120295.D
 Acq: 14 May 2020 17:20

Instrument :
 BNA_F
 ClientSampleID :
 PB128845BS

Tot Ion	Ratio	Lower	Upper
113	100		
55	223.5	190.4	230.4
56	157.5	132.7	172.7

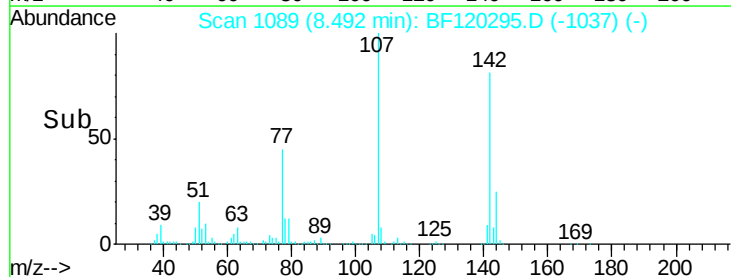
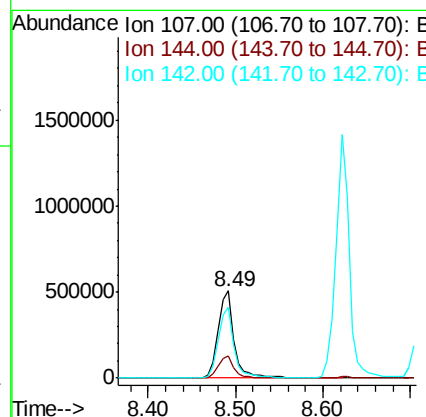
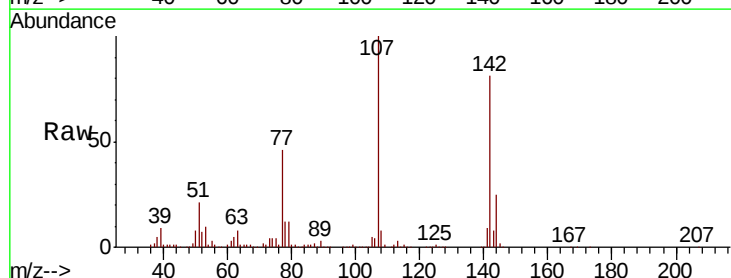
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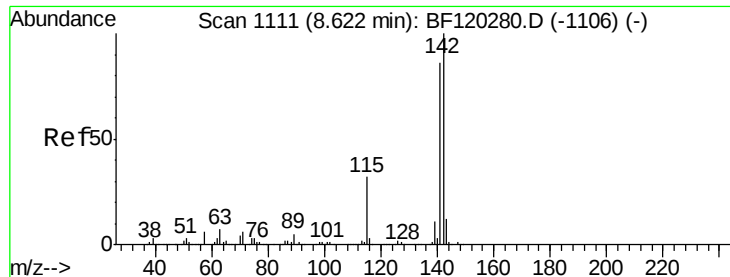
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#36
 4-Chloro-3-methylphenol
 Concen: 34.260 ng/ml
 RT: 8.49 min Scan# 1089
 Delta R.T. 0.01 min
 Lab File: BF120295.D
 Acq: 14 May 2020 17:20

Tgt Ion	Ratio	Lower	Upper
107	100		
144	25.4	21.4	32.2
142	80.7	65.1	97.7





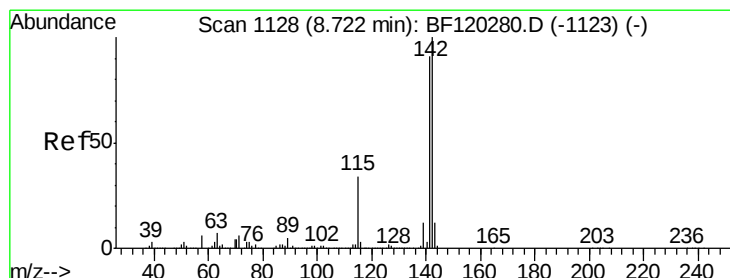
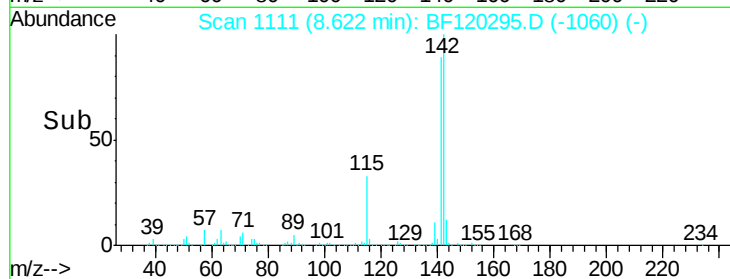
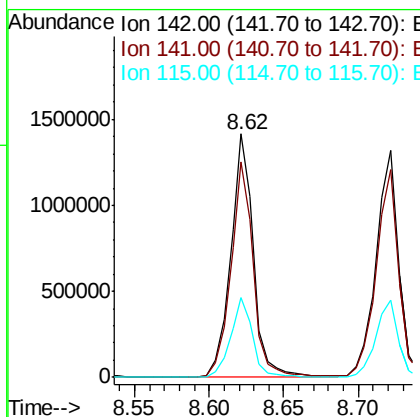
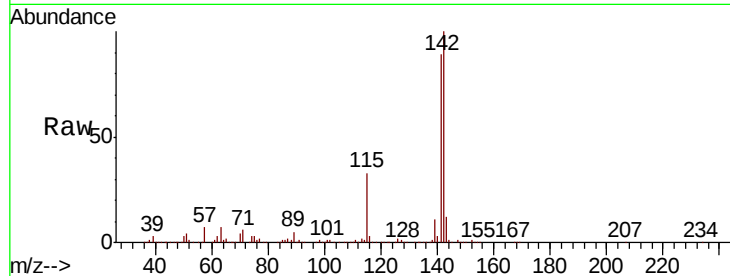
#37
2-Methylnaphthalene
Concen: 36.813 ng
RT: 8.62 min Scan# 1111
Delta R.T. -0.00 min
Lab File: BF120295.D
Acq: 14 May 2020 17:20

Instrument :
BNA_F
ClientSampleId :
PB128845BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.6	68.8	103.2
115	32.6	25.7	38.5

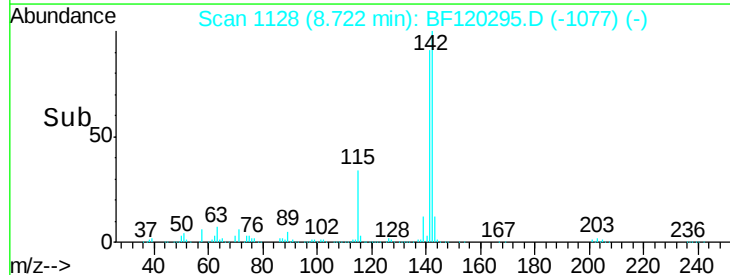
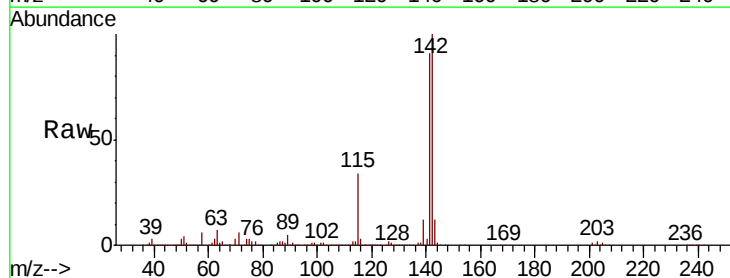
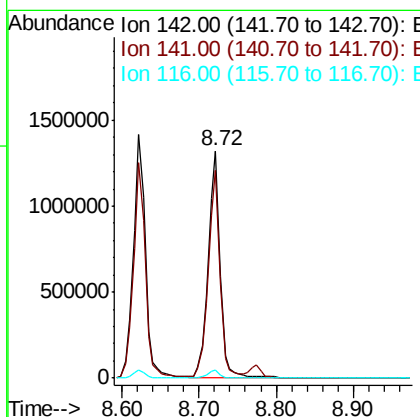
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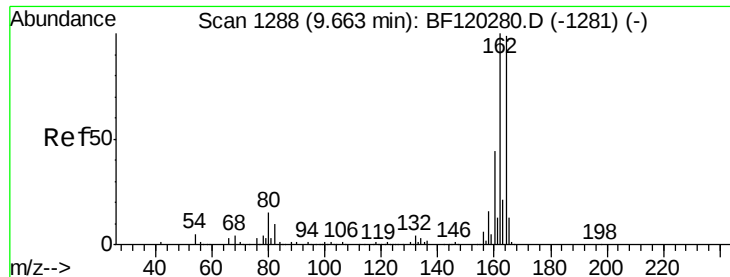
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#38
1-Methylnaphthalene
Concen: 35.448 ng
RT: 8.72 min Scan# 1128
Delta R.T. -0.00 min
Lab File: BF120295.D
Acq: 14 May 2020 17:20

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.4	73.0	109.6
116	3.3	2.7	4.1





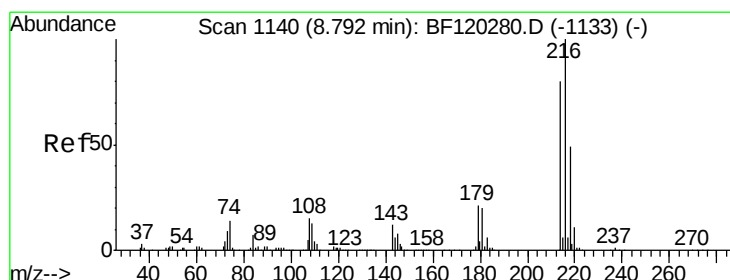
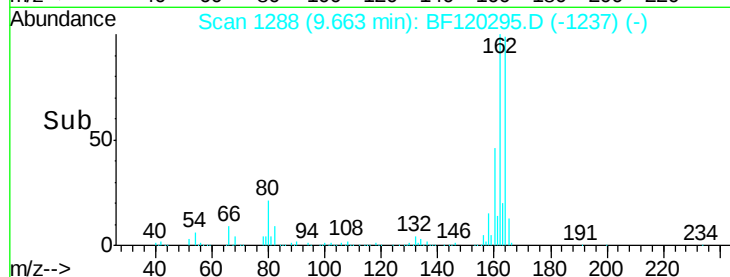
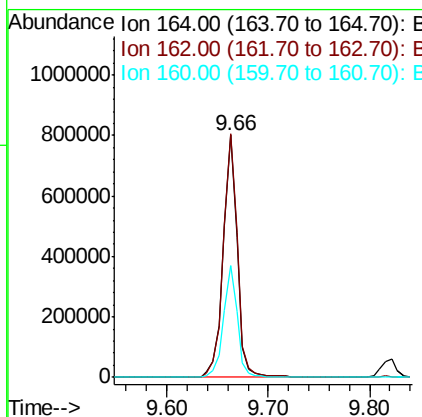
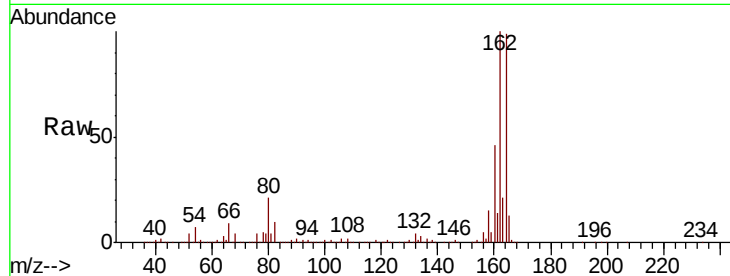
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.66 min Scan# 1288
Delta R.T. -0.00 min
Lab File: BF120295.D
Acq: 14 May 2020 17:20

Instrument :
BNA_F
ClientSampled :
PB128845BS

Tot Ion	Ratio	Lower	Upper
164	100		
162	100.5	81.2	121.8
160	46.1	35.8	53.6

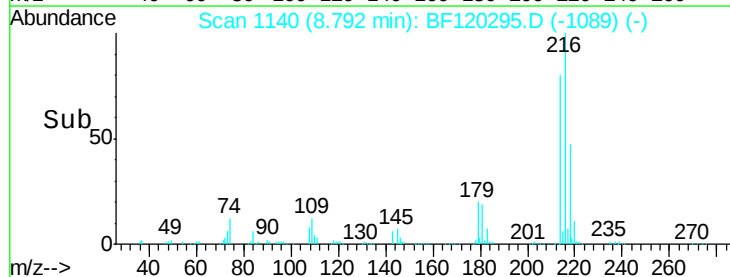
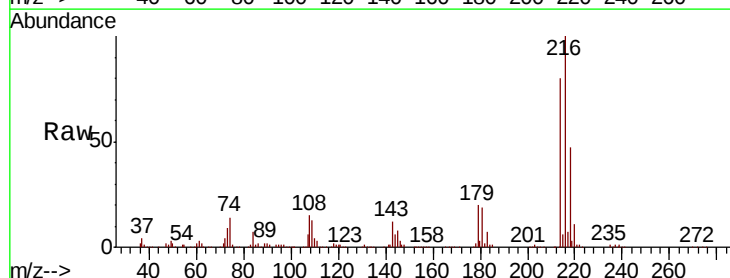
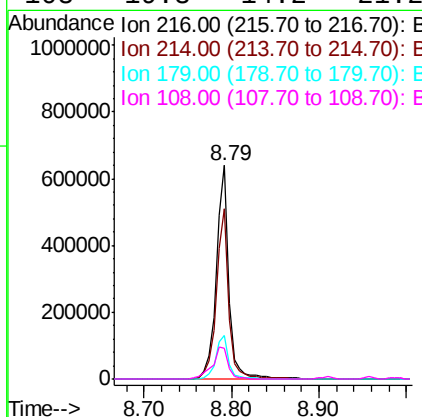
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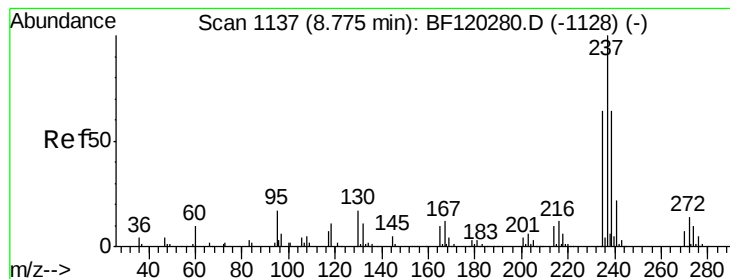
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 32.816 ng
RT: 8.79 min Scan# 1140
Delta R.T. -0.00 min
Lab File: BF120295.D
Acq: 14 May 2020 17:20

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.4	64.0	96.0
179	20.8	16.9	25.3
108	19.3	14.2	21.2





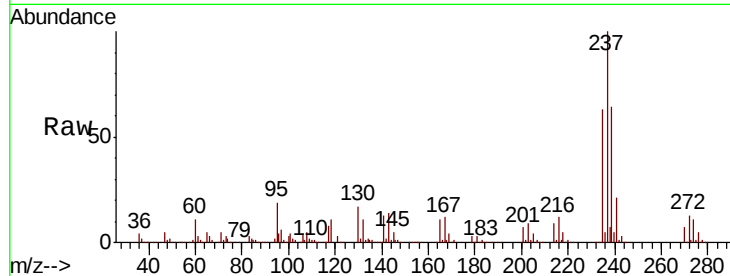
#41
Hexachlorocyclopentadiene
Concen: 69.946 ng
RT: 8.77 min Scan# 1137
Delta R.T. 0.00 min
Lab File: BF120295.D
Acq: 14 May 2020 17:20

Instrument :
BNA_F
ClientSampleId :
PB128845BS

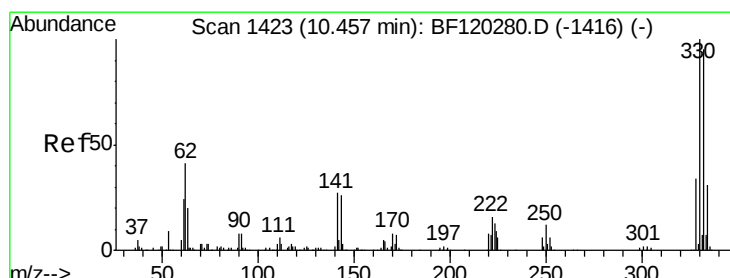
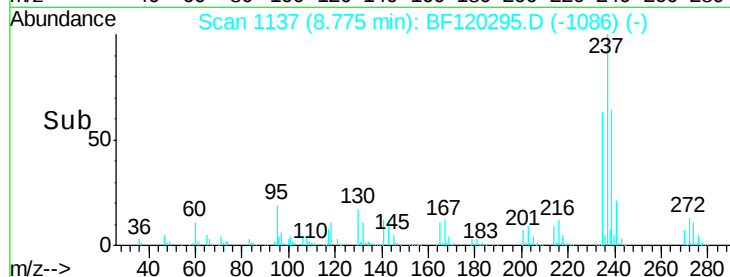
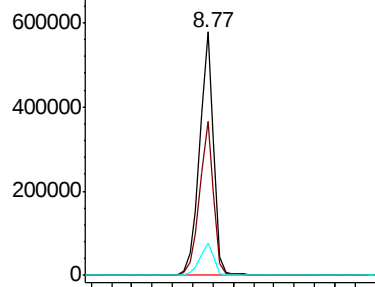
Tot Ion	Ion	Ratio	Resp	Lower	Upper
237	100				
235	63.2		43.8	83.8	
272	13.4		0.0	33.9	

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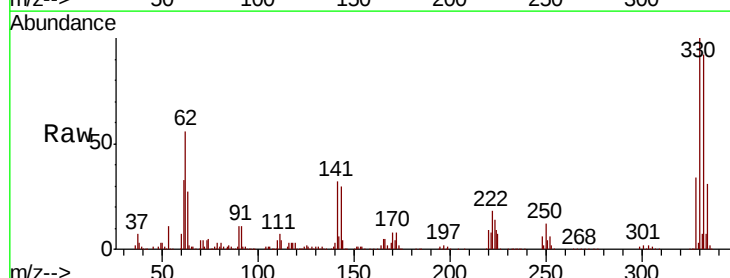


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

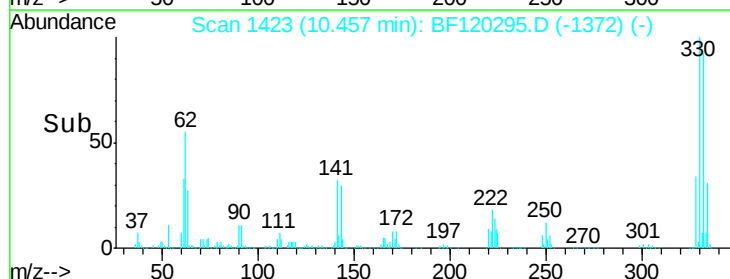
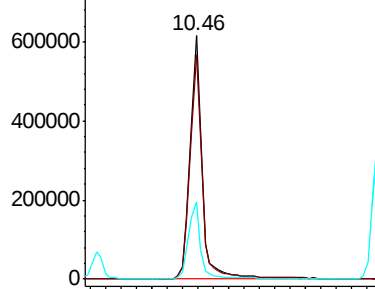


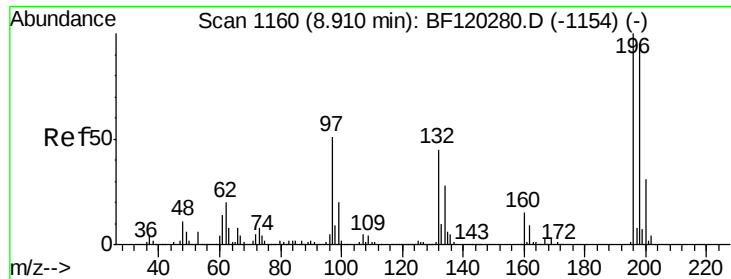
#42
2,4,6-Tribromophenol
Concen: 106.001 ng
RT: 10.46 min Scan# 1423
Delta R.T. -0.00 min
Lab File: BF120295.D
Acq: 14 May 2020 17:20

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
330	100				
332	94.6		76.5	114.7	
141	31.1		25.4	38.0	



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





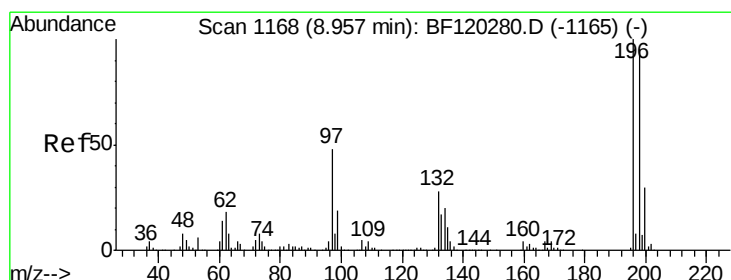
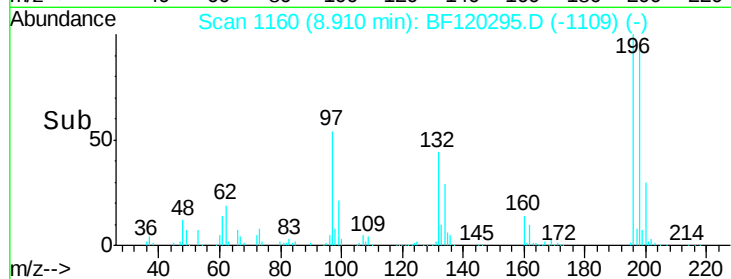
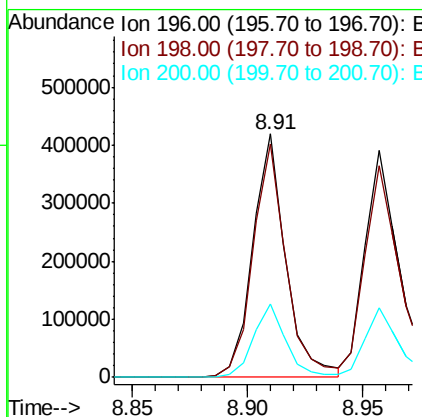
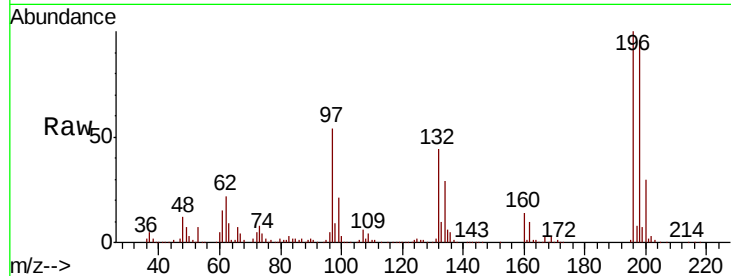
#43
 2,4,6-Trichlorophenol
 Concen: 32.070 ng
 RT: 8.91 min Scan# 1160
 Delta R.T. -0.00 min
 Lab File: BF120295.D
 Acq: 14 May 2020 17:20

Instrument :
 BNA_F
 ClientSampled :
 PB128845BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	419409		
198	95.9	76.2	114.4	
200	30.3	24.9	37.3	

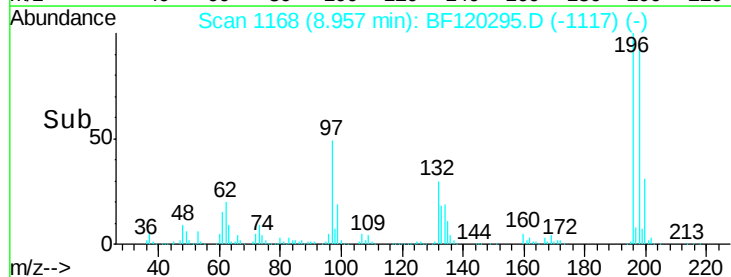
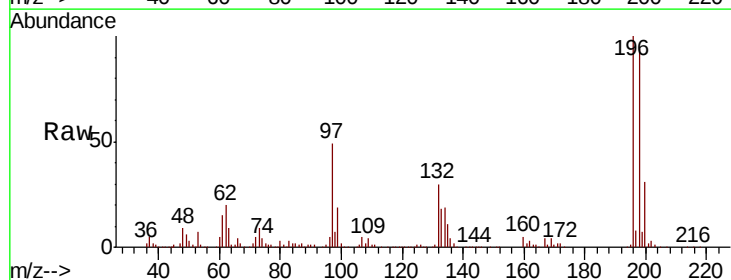
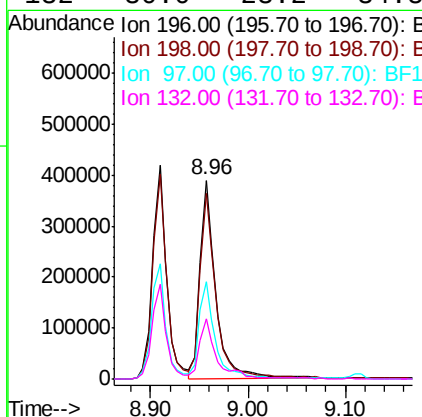
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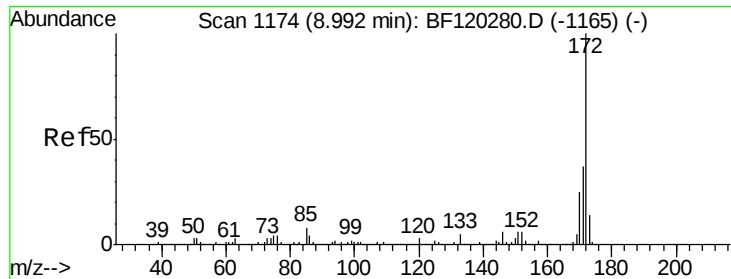
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#44
 2,4,5-Trichlorophenol
 Concen: 29.257 ng
 RT: 8.96 min Scan# 1168
 Delta R.T. -0.00 min
 Lab File: BF120295.D
 Acq: 14 May 2020 17:20

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	439407		
198	93.5	76.2	114.4	
97	48.9	38.6	57.8	
132	30.0	23.2	34.8	





#45

2-Fluorobiphenyl

Concen: 71.783 ng

RT: 8.99 min Scan# 1174

Delta R.T. -0.00 min

Lab File: BF120295.D

Acq: 14 May 2020 17:20

Instrument :

BNA_F

ClientSampleId :

PB128845BS

Tot Ion:172 Resp: 2699702

Ion Ratio Lower Upper

172 100

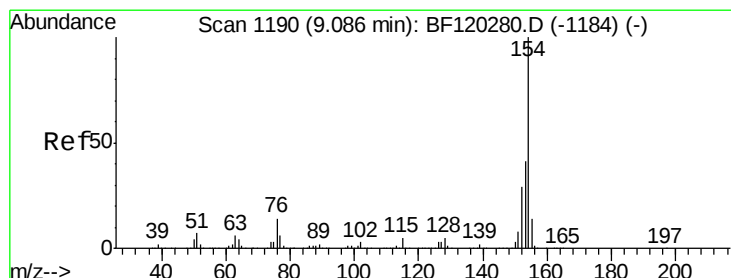
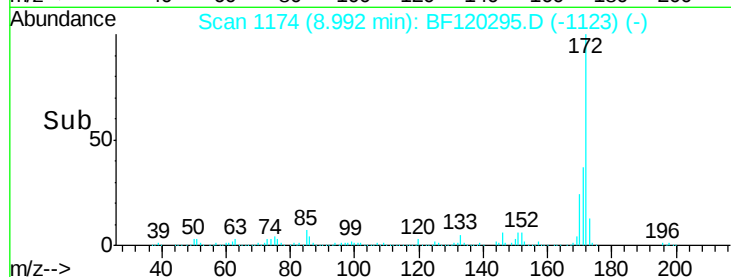
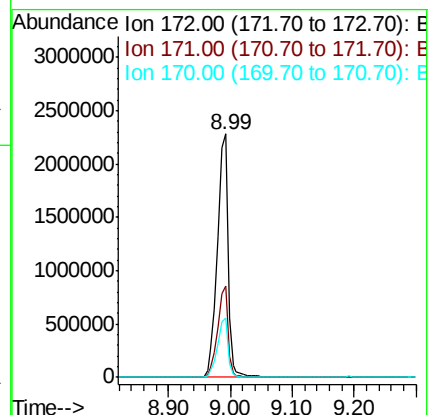
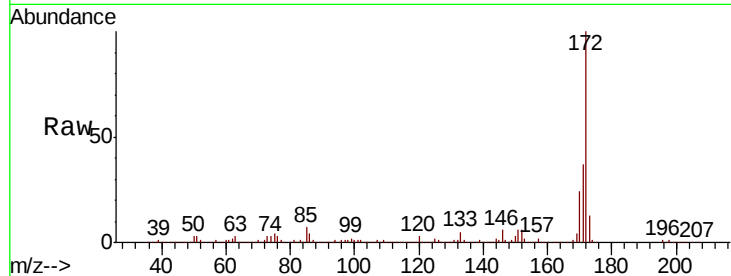
171 37.3 29.7 44.5

170 24.1 19.9 29.9

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#46

1,1'-Biphenyl

Concen: 36.905 ng

RT: 9.09 min Scan# 1190

Delta R.T. -0.00 min

Lab File: BF120295.D

Acq: 14 May 2020 17:20

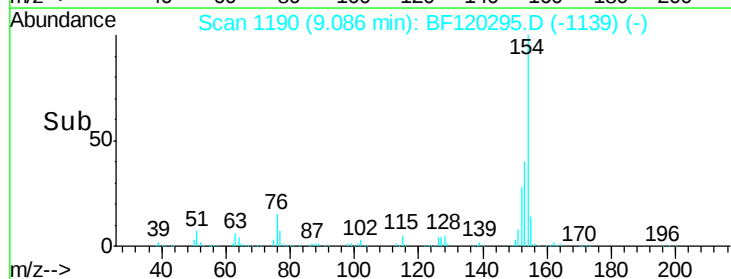
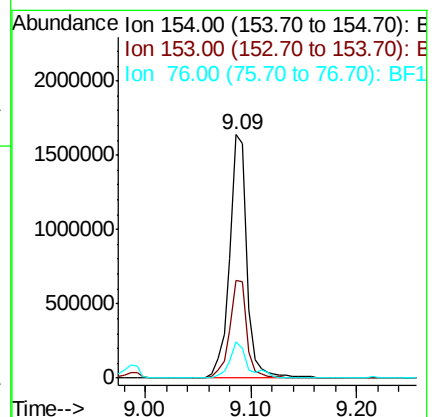
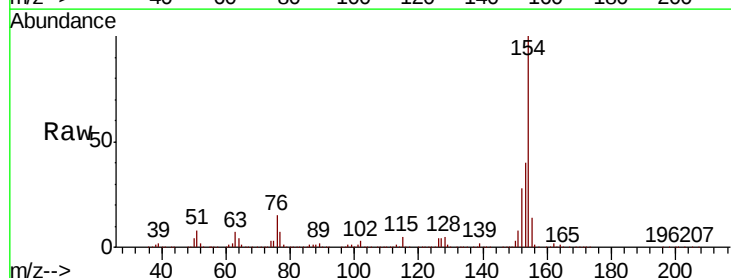
Tgt Ion:154 Resp: 1868343

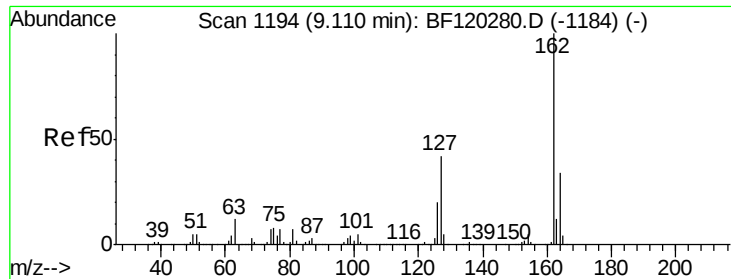
Ion Ratio Lower Upper

154 100

153 40.3 20.8 60.8

76 14.6 0.0 34.3





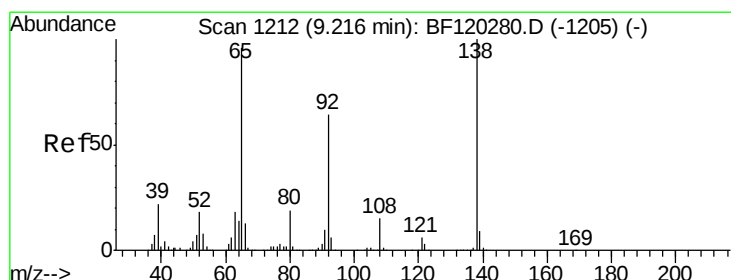
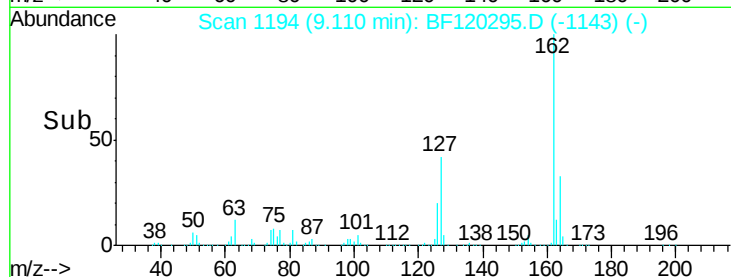
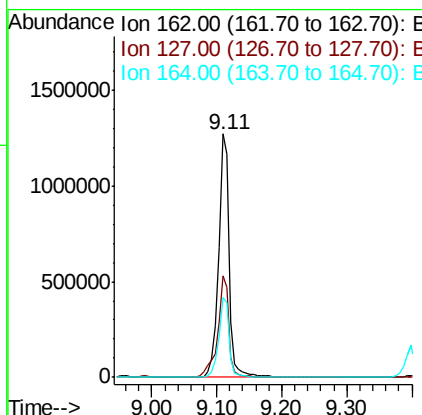
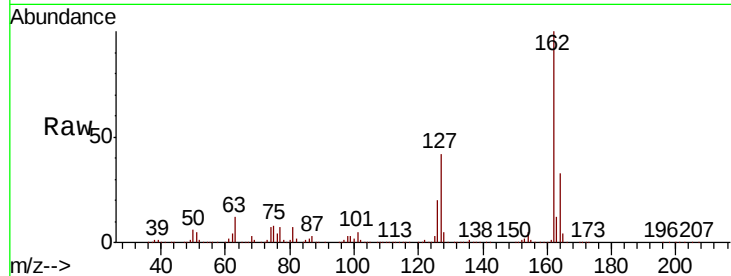
#47
 2-Chloronaphthalene
 Concen: 35.298 ng
 RT: 9.11 min Scan# 1194
 Delta R.T. -0.00 min
 Lab File: BF120295.D
 Acq: 14 May 2020 17:20

Instrument :
 BNA_F
 ClientSampleId :
 PB128845BS

Tot Ion	Ratio	Lower	Upper
162	100		
127	41.9	33.4	50.0
164	32.6	27.0	40.6

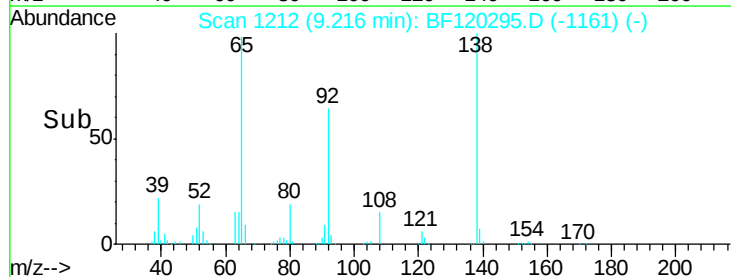
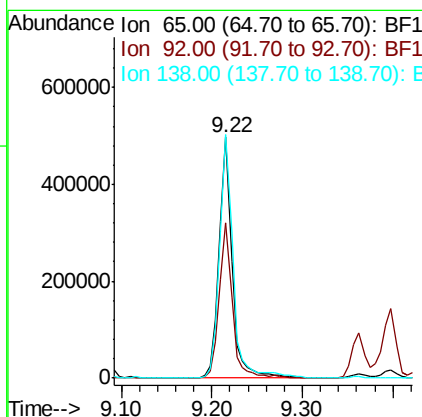
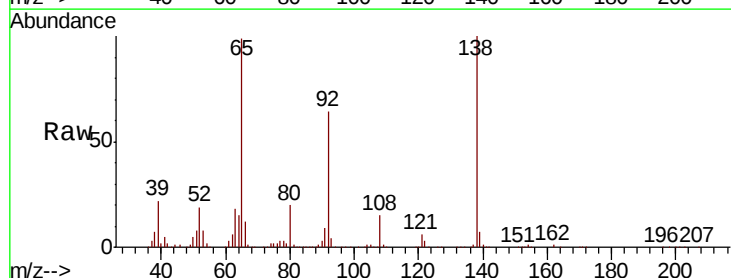
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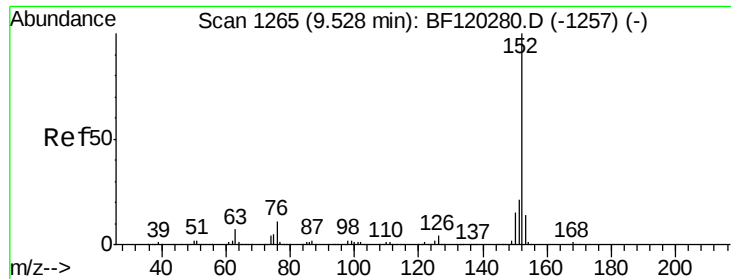
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#48
 2-Nitroaniline
 Concen: 33.620 ng
 RT: 9.22 min Scan# 1212
 Delta R.T. -0.00 min
 Lab File: BF120295.D
 Acq: 14 May 2020 17:20

Tgt Ion	Ratio	Lower	Upper
65	100		
92	64.4	52.9	79.3
138	101.1	83.0	124.4





#49

Acenaphthylene

Concen: 36.036 ng

RT: 9.53 min Scan# 1265

Delta R.T. -0.00 min

Lab File: BF120295.D

Acq: 14 May 2020 17:20

Instrument :

BNA_F

ClientSampled :

PB128845BS

Tot Ion:152 Resp: 2235390

Ion Ratio Lower Upper

152 100

151 20.8 16.6 25.0

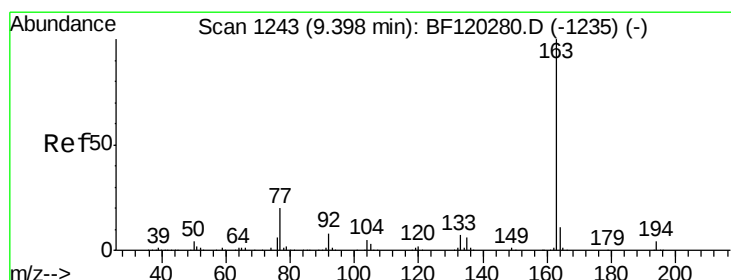
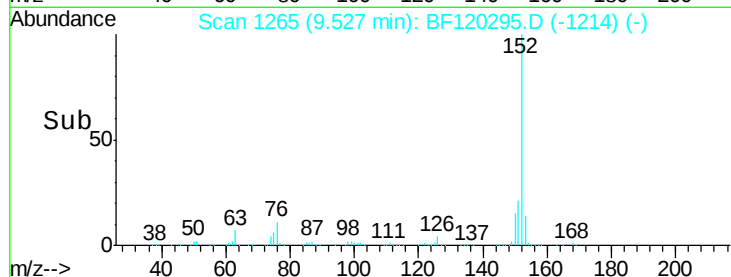
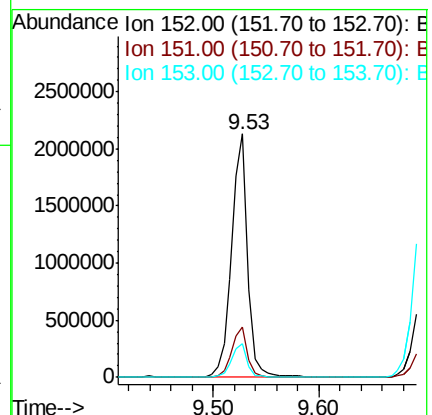
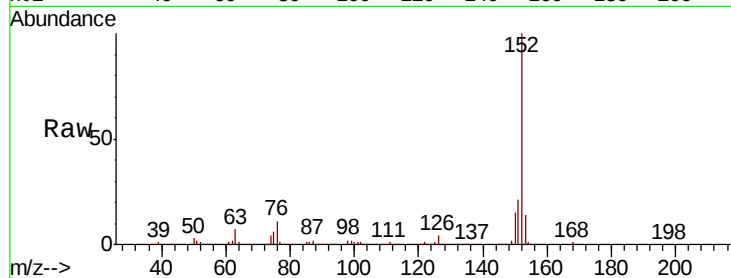
153 13.6 11.1 16.7

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#50

Dimethylphthalate

Concen: 34.227 ng

RT: 9.40 min Scan# 1243

Delta R.T. -0.00 min

Lab File: BF120295.D

Acq: 14 May 2020 17:20

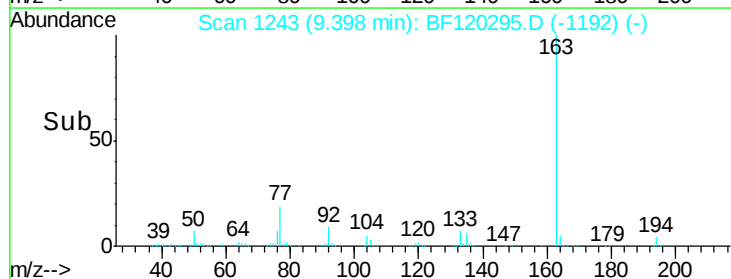
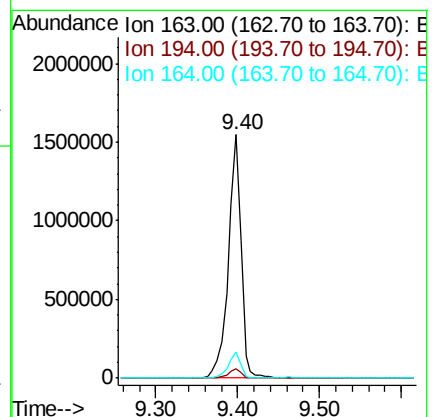
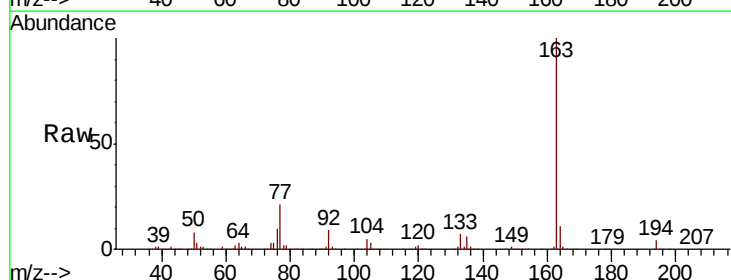
Tgt Ion:163 Resp: 1671781

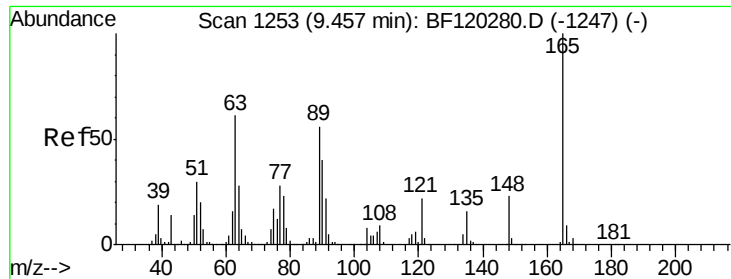
Ion Ratio Lower Upper

163 100

194 3.8 3.1 4.7

164 10.8 8.6 12.8





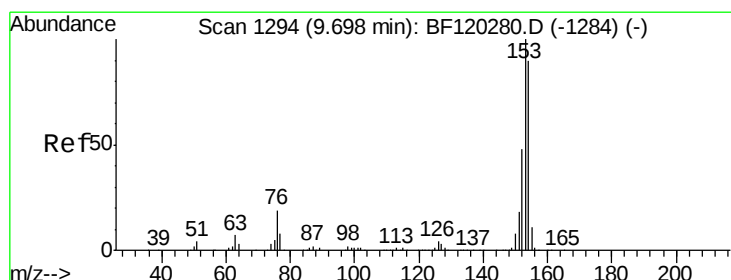
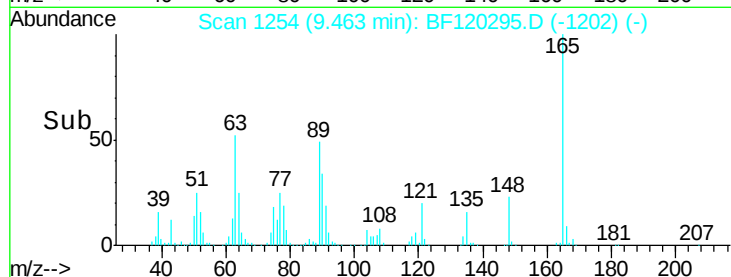
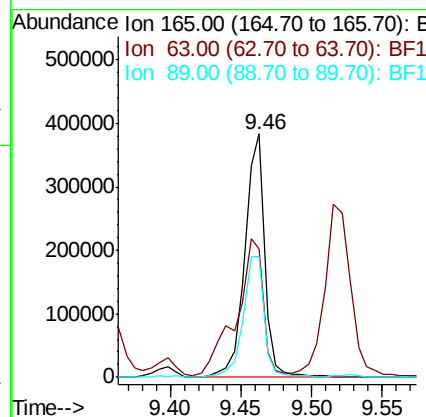
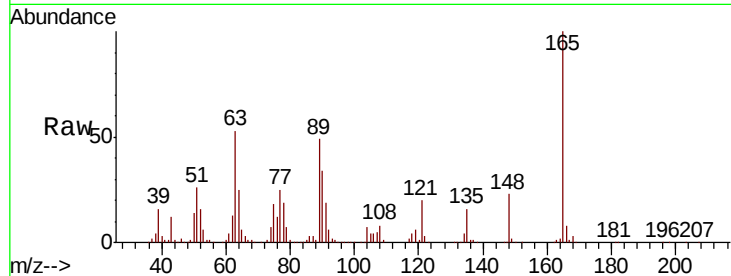
#51
 2,6-Dinitrotoluene
 Concen: 34.287 ng
 RT: 9.46 min Scan# 1254
 Delta R.T. 0.01 min
 Lab File: BF120295.D
 Acq: 14 May 2020 17:20

Instrument :
 BNA_F
 ClientSampleId :
 PB128845BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	373774		
63	52.6		50.2	75.2
89	49.4		44.6	66.8

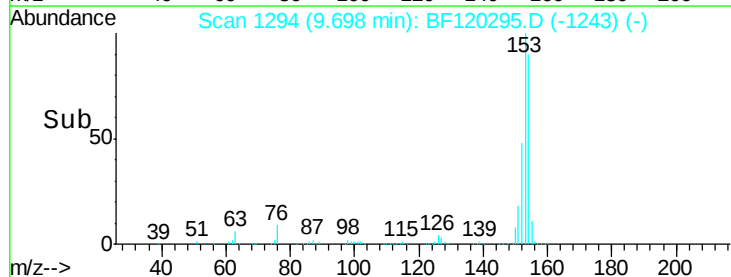
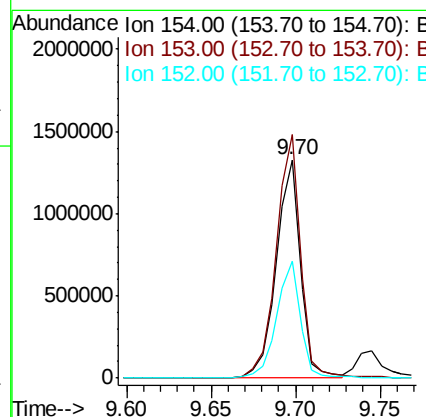
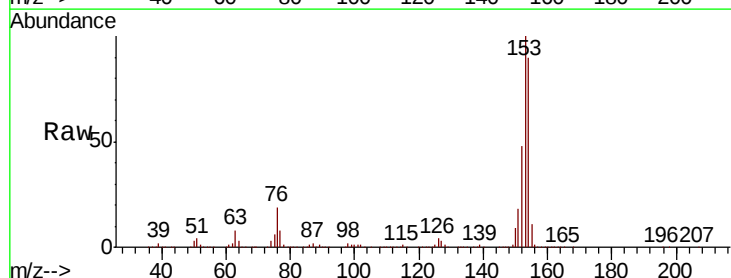
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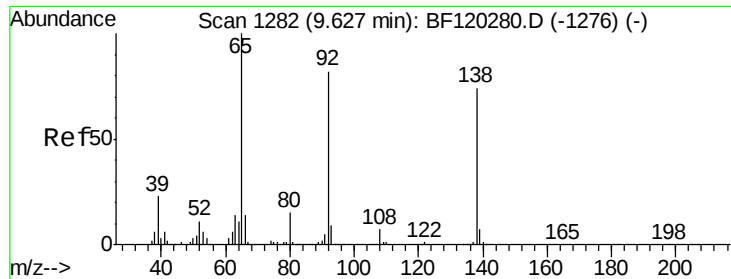
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#52
 Acenaphthene
 Concen: 35.582 ng
 RT: 9.70 min Scan# 1294
 Delta R.T. -0.00 min
 Lab File: BF120295.D
 Acq: 14 May 2020 17:20

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	1323042		
153	111.5		89.0	133.4
152	53.3		42.6	64.0





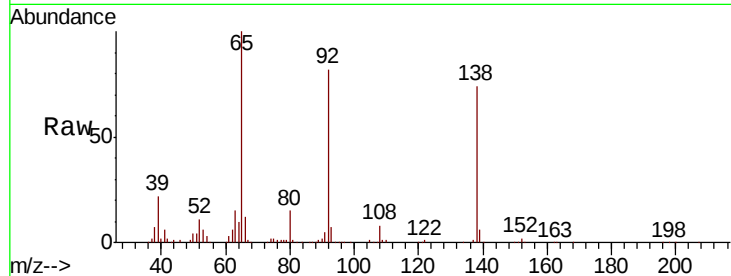
#53
3-Nitroaniline
Concen: 13.281 ng
RT: 9.63 min Scan# 1282
Delta R.T. -0.00 min
Lab File: BF120295.D
Acq: 14 May 2020 17:20

Instrument :
BNA_F
ClientSampleId :
PB128845BS

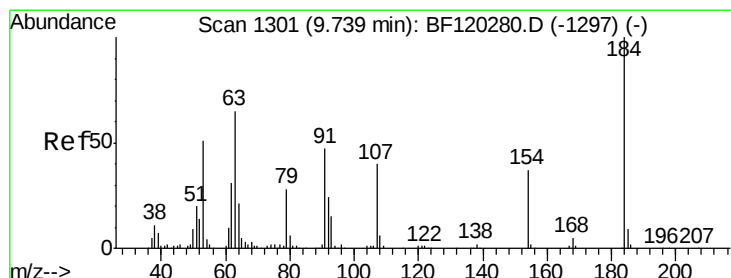
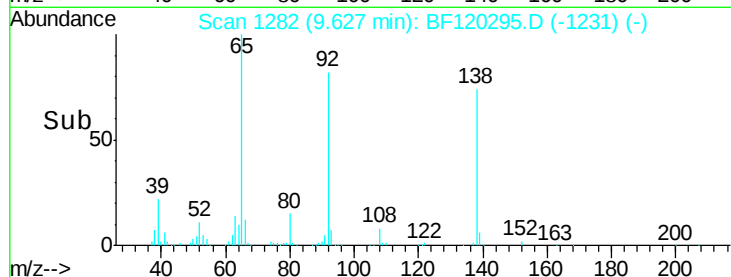
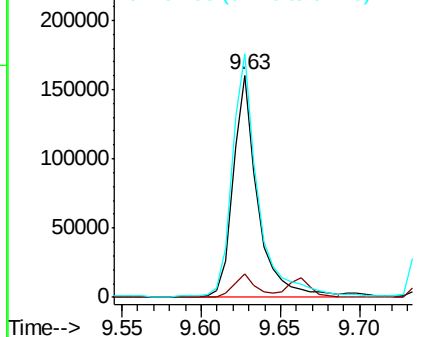
Tot Ion	Ratio	Lower	Upper
138	100		
108	10.5	8.2	12.2
92	109.7	89.6	134.4

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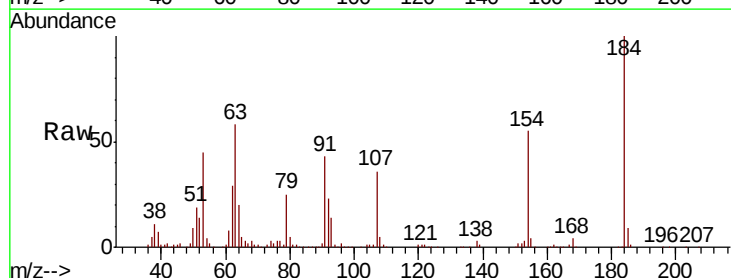


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

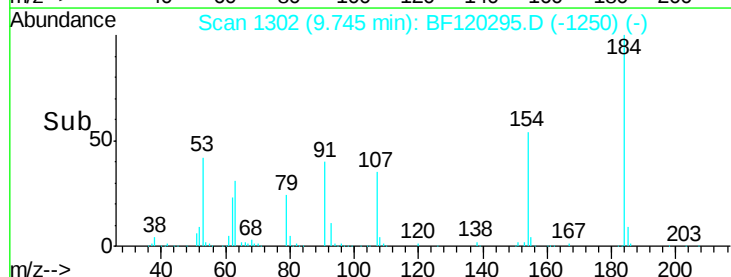
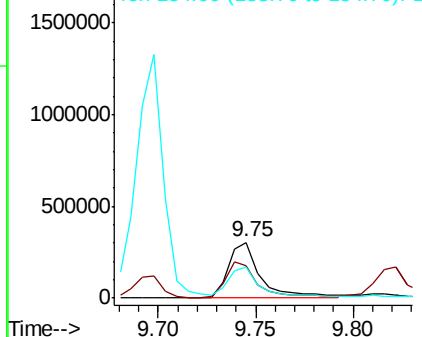


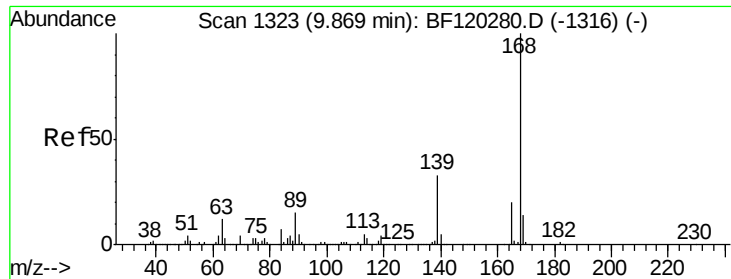
#54
2,4-Dinitrophenol
Concen: 68.561 ng
RT: 9.75 min Scan# 1302
Delta R.T. 0.01 min
Lab File: BF120295.D
Acq: 14 May 2020 17:20

Tgt Ion	Ratio	Lower	Upper
184	100		
63	57.8	53.6	80.4
154	54.6	46.8	70.2



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E





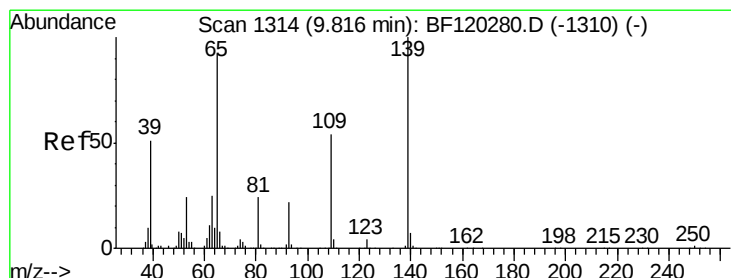
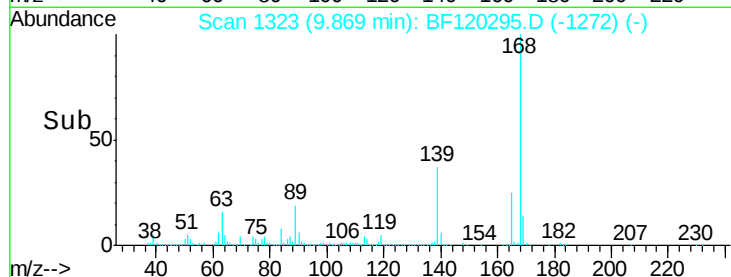
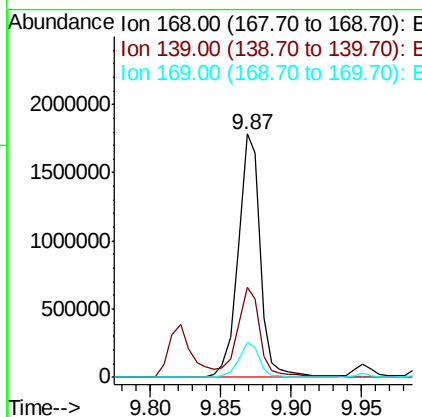
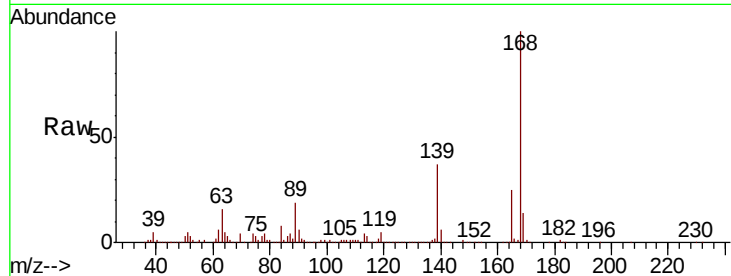
#55
Dibenzofuran
Concen: 36.423 ng
RT: 9.87 min Scan# 1323
Delta R.T. -0.00 min
Lab File: BF120295.D
Acq: 14 May 2020 17:20

Instrument :
BNA_F
ClientSampleId :
PB128845BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	37.0	29.8	44.6
169	14.1	11.0	16.6

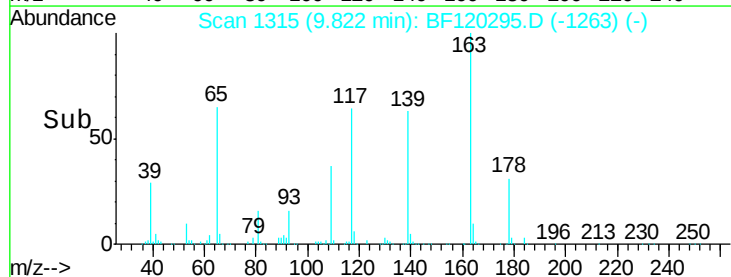
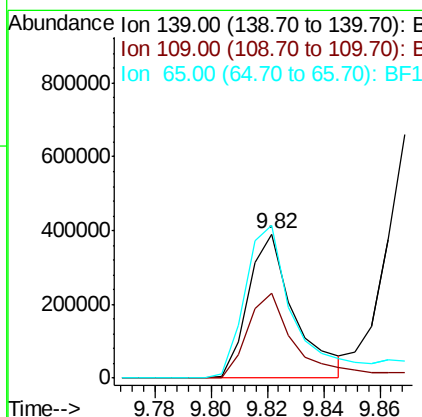
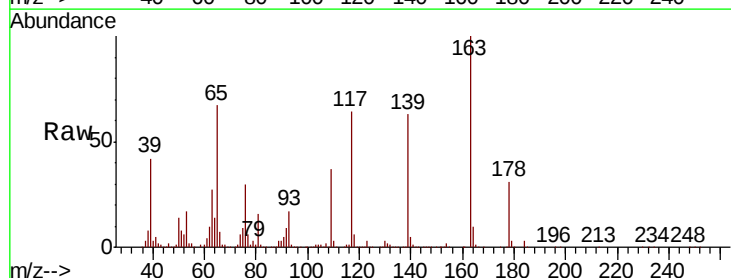
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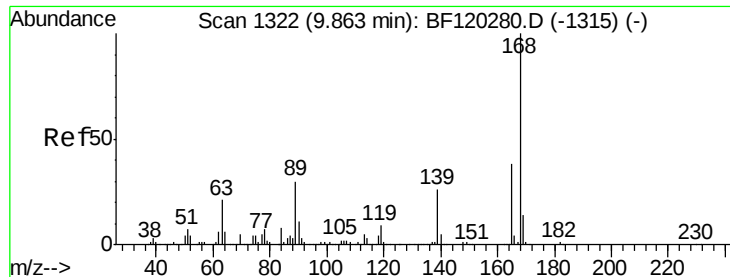
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#56
4-Nitrophenol
Concen: 63.345 ng
RT: 9.82 min Scan# 1315
Delta R.T. 0.01 min
Lab File: BF120295.D
Acq: 14 May 2020 17:20

Tgt Ion	Ratio	Lower	Upper
139	100		
109	59.2	34.6	74.6
65	106.0	73.3	113.3





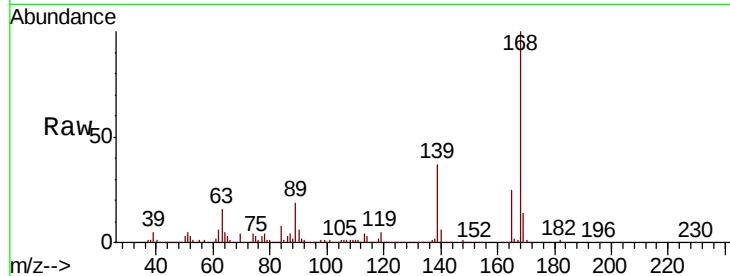
#57
 2,4-Dinitrotoluene
 Concen: 35.097 ng
 RT: 9.87 min Scan# 1323
 Delta R.T. 0.01 min
 Lab File: BF120295.D
 Acq: 14 May 2020 17:20

Instrument :
 BNA_F
 ClientSampleId :
 PB128845BS

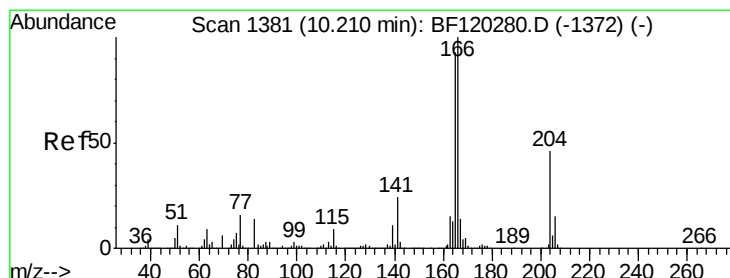
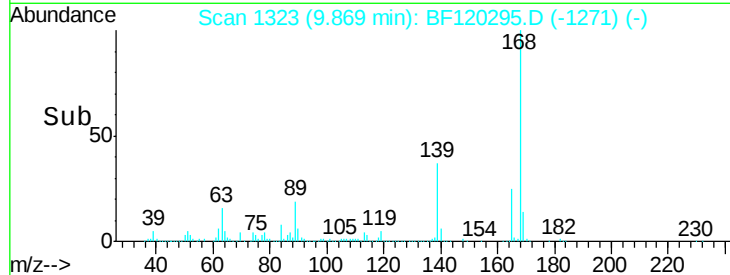
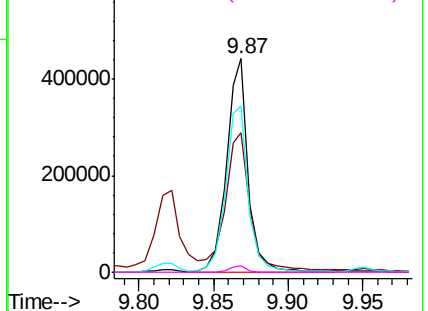
Tot Ion	Ratio	Resp	Lower	Upper
165	100	448818		
63	65.2	51.8	77.8	
89	77.7	64.2	96.4	
182	2.8	2.0	3.0	

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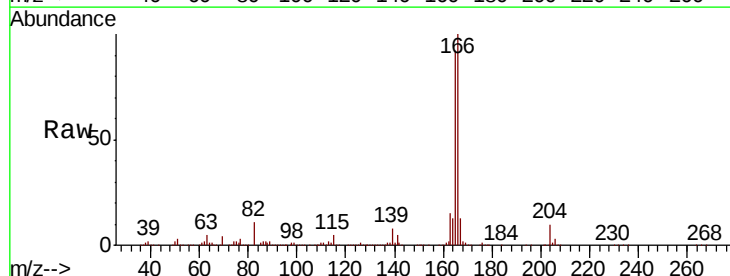


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

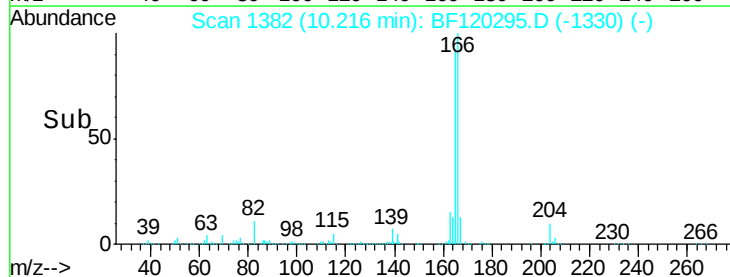
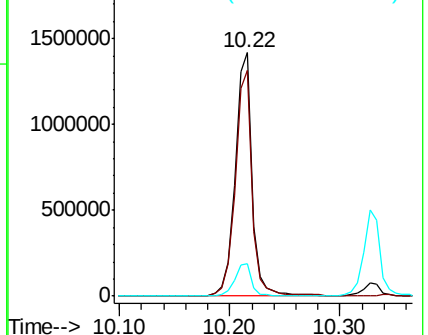


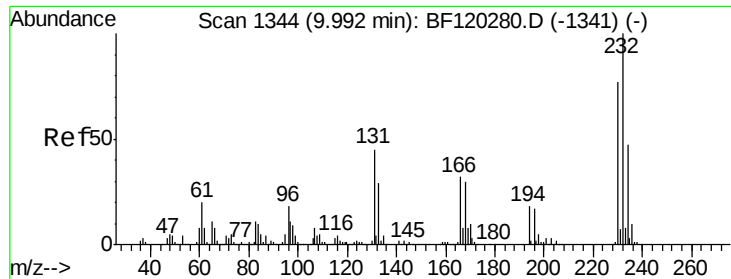
#58
 Fluorene
 Concen: 37.247 ng
 RT: 10.22 min Scan# 1382
 Delta R.T. 0.01 min
 Lab File: BF120295.D
 Acq: 14 May 2020 17:20

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	1518893		
165	92.5	74.7	112.1	
167	13.2	11.4	17.0	



Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E





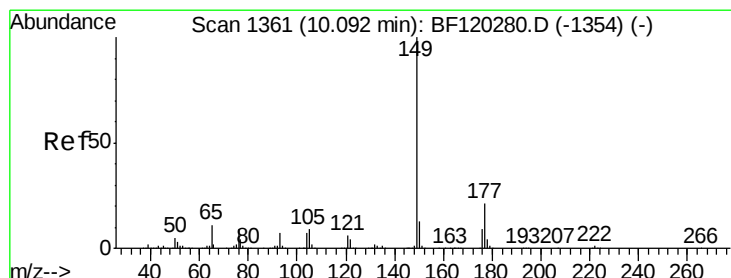
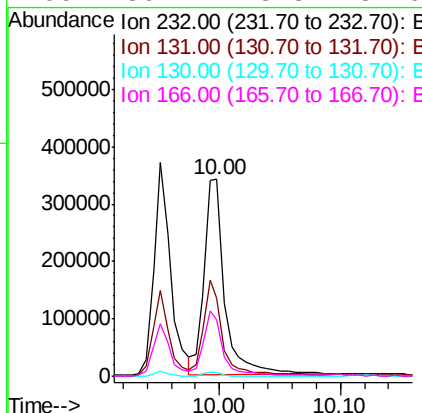
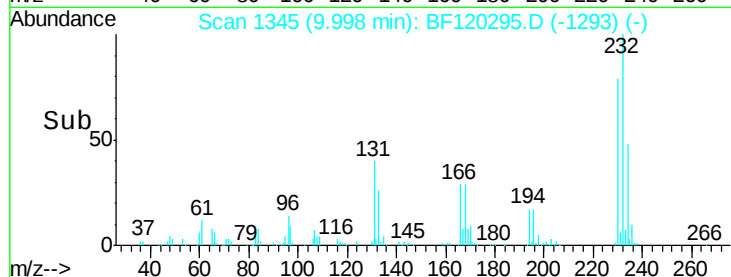
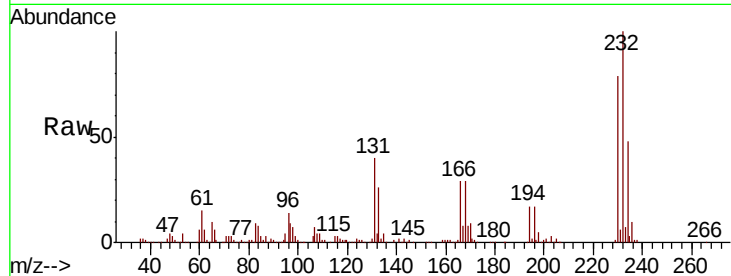
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 35.801 ng
 RT: 10.00 min Scan# 1345
 Delta R.T. 0.01 min
 Lab File: BF120295.D
 Acq: 14 May 2020 17:20

Instrument :
 BNA_F
 ClientSampleId :
 PB128845BS

Tot Ion	Ratio	Lower	Upper
232	100		
131	44.1	34.1	51.1
130	2.0	1.7	2.5
166	30.4	23.3	34.9

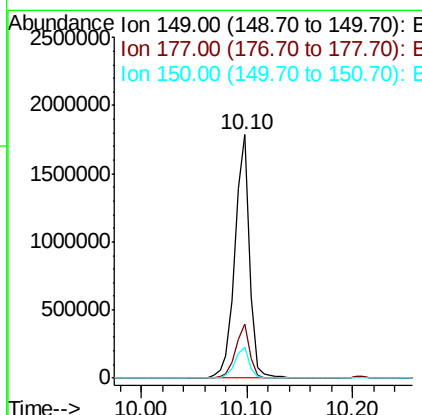
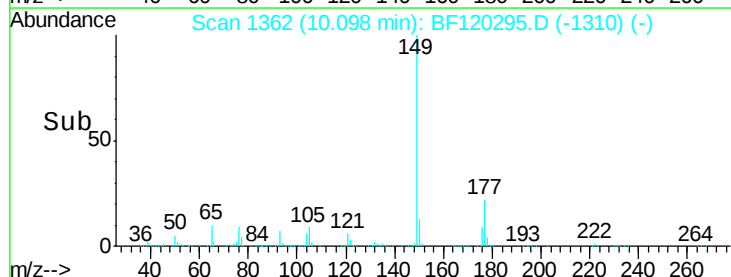
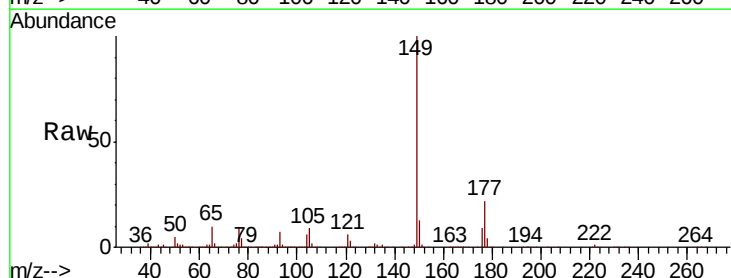
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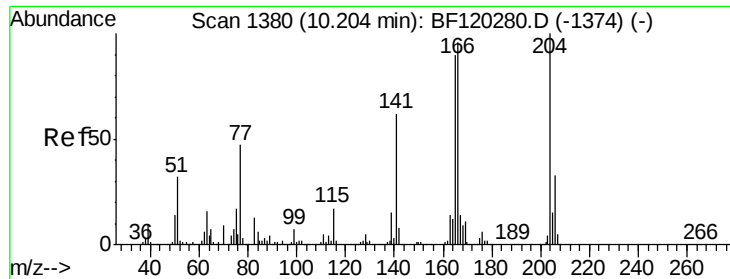
mohammad
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#60
 Diethylphthalate
 Concen: 35.792 ng
 RT: 10.10 min Scan# 1362
 Delta R.T. 0.01 min
 Lab File: BF120295.D
 Acq: 14 May 2020 17:20

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.1	17.1	25.7
150	12.9	10.3	15.5





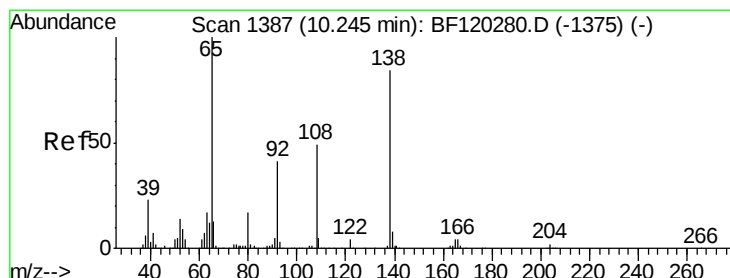
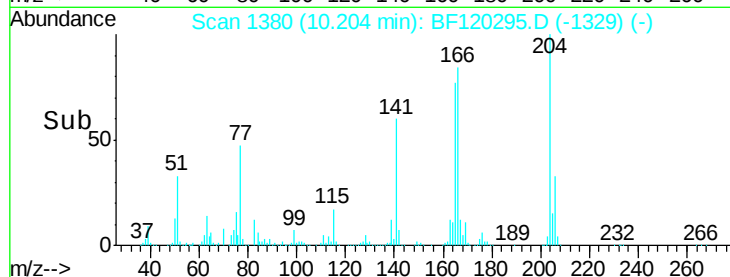
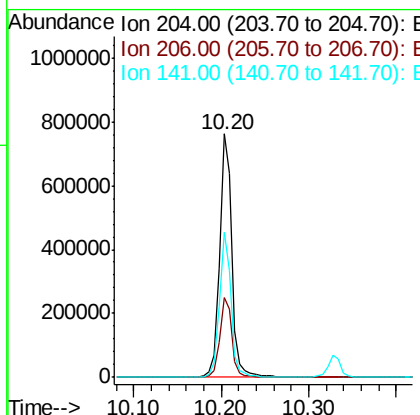
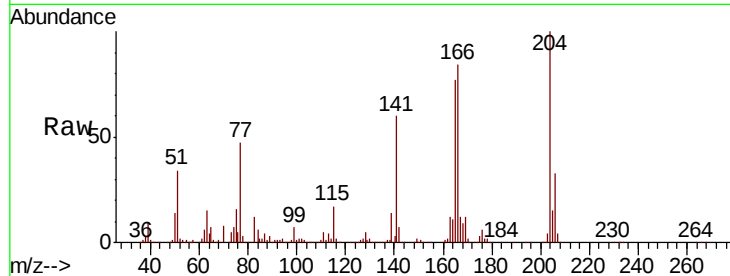
#61
 4-Chlorophenyl-phenylether
 Concen: 34.877 ng
 RT: 10.20 min Scan# 1380
 Delta R.T. -0.00 min
 Lab File: BF120295.D
 Acq: 14 May 2020 17:20

Instrument :
 BNA_F
 ClientSampled :
 PB128845BS

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.7	26.8	40.2
141	59.6	49.5	74.3

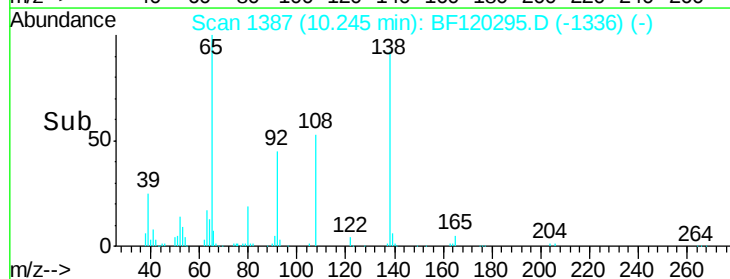
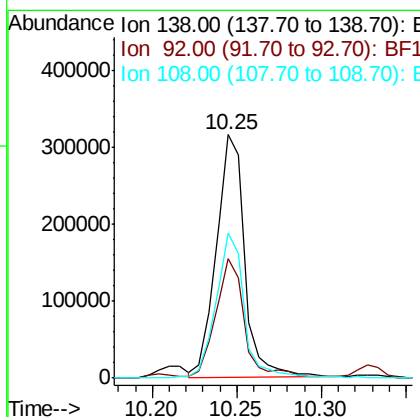
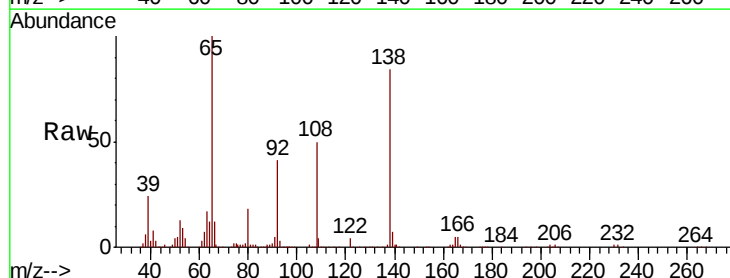
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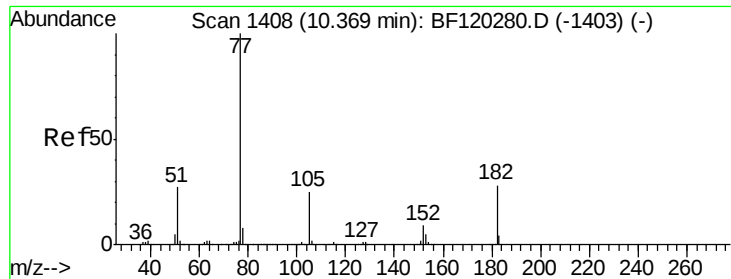
mohammad
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#62
 4-Nitroaniline
 Concen: 30.360 ng
 RT: 10.25 min Scan# 1387
 Delta R.T. -0.00 min
 Lab File: BF120295.D
 Acq: 14 May 2020 17:20

Tgt Ion	Ratio	Lower	Upper
138	100		
92	49.2	28.9	68.9
108	59.8	38.4	78.4





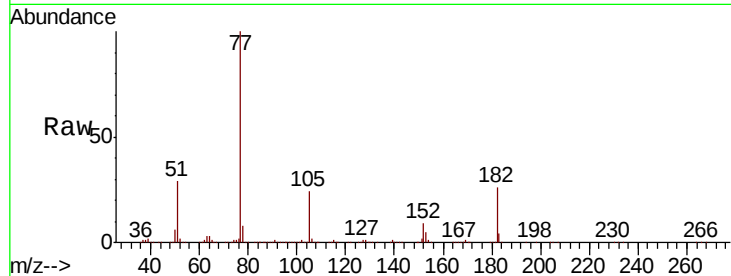
#63
Azobenzene
Concen: 37.470 ng
RT: 10.37 min Scan# 1408
Delta R.T. -0.00 min
Lab File: BF120295.D
Acq: 14 May 2020 17:20

Instrument :
BNA_F
ClientSampleId :
PB128845BS

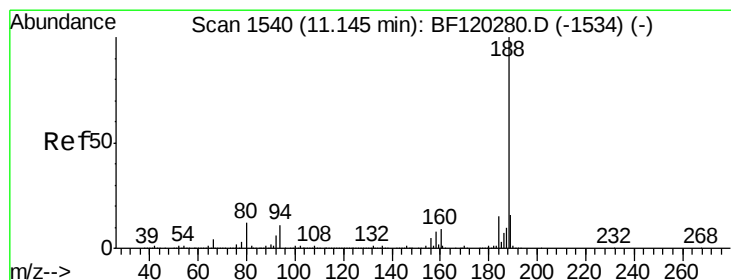
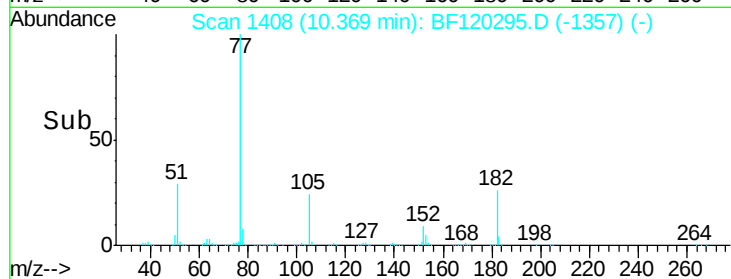
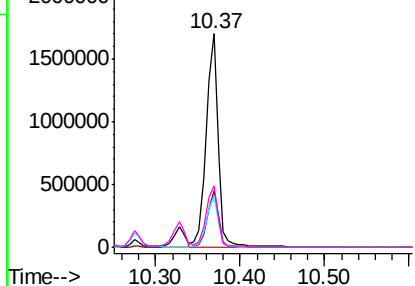
Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	26.3	7.4	47.4	
105	24.0	4.4	44.4	
51	29.0	8.3	48.3	

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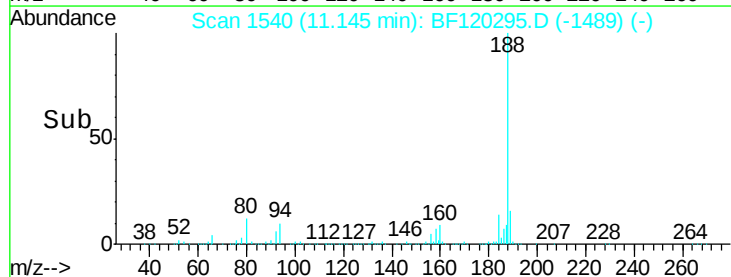
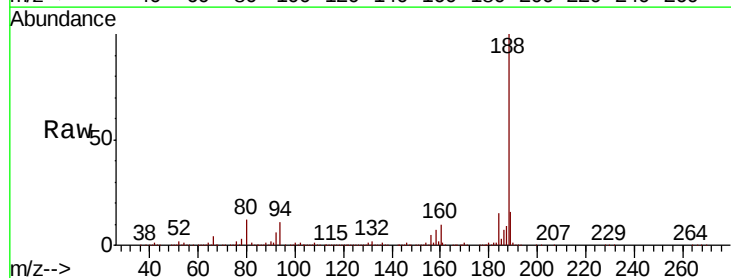
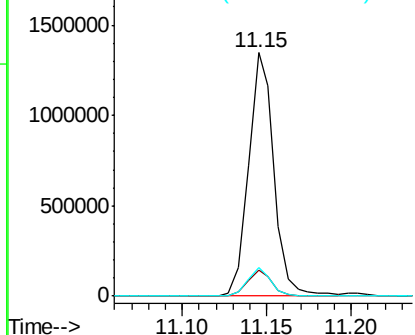
Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

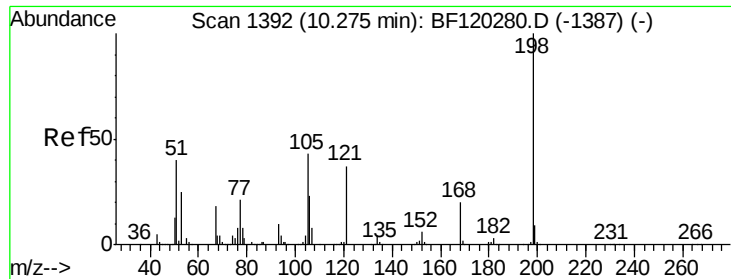


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.15 min Scan# 1540
Delta R.T. -0.00 min
Lab File: BF120295.D
Acq: 14 May 2020 17:20

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	10.8	8.6	13.0	
80	11.6	9.2	13.8	

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





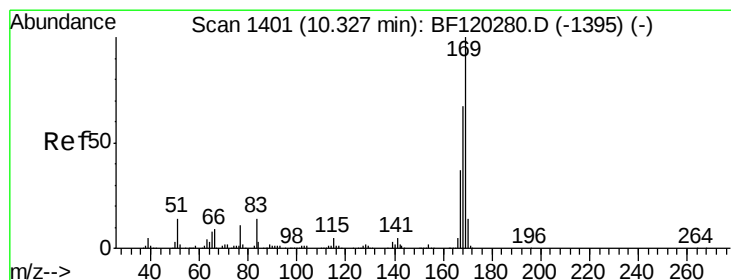
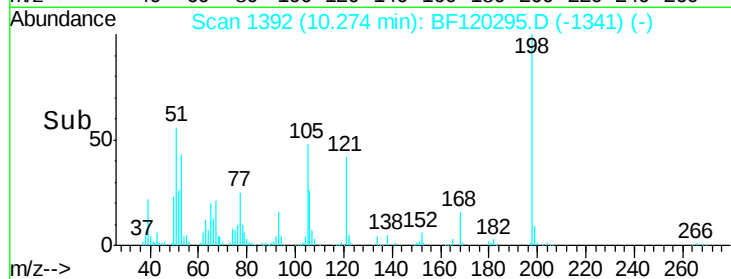
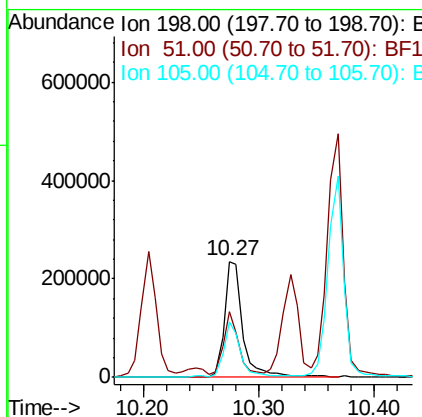
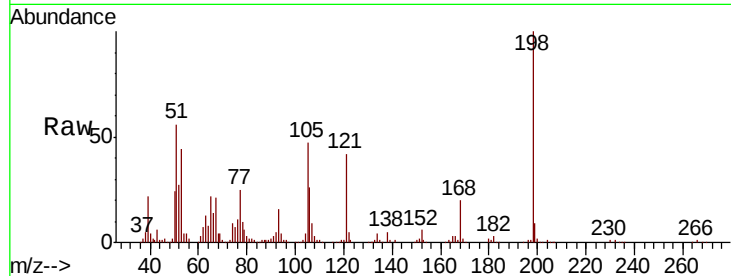
#65
4,6-Dinitro-2-methylphenol
Concen: 36.378 ng
RT: 10.27 min Scan# 1392
Delta R.T. -0.00 min
Lab File: BF120295.D
Acq: 14 May 2020 17:20

Instrument :
BNA_F
ClientSampleId :
PB128845BS

Tot Ion	Ratio	Resp	Lower	Upper
198	100	260457		
51	56.2	27.1	67.1	
105	47.5	24.3	64.3	

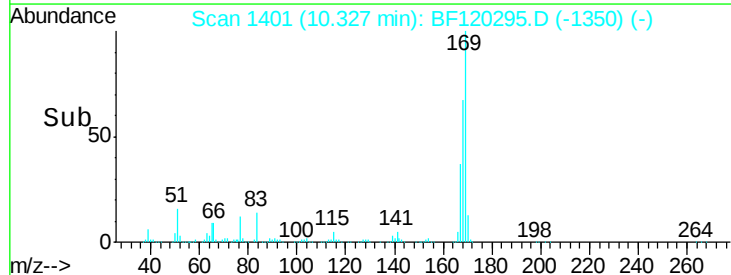
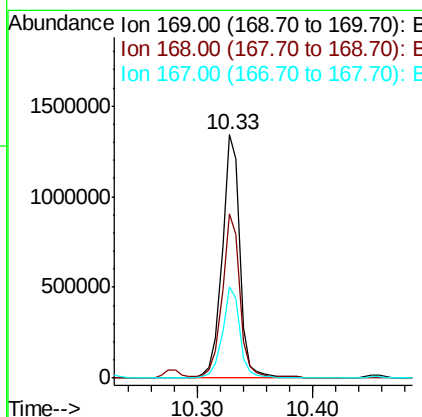
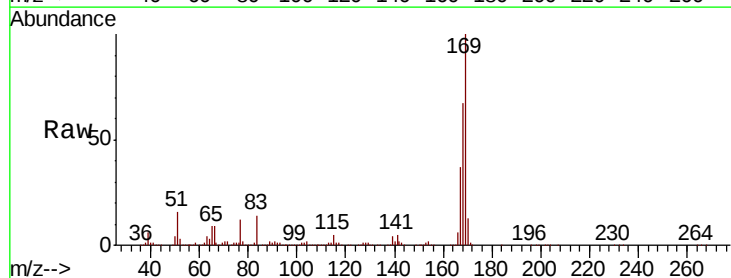
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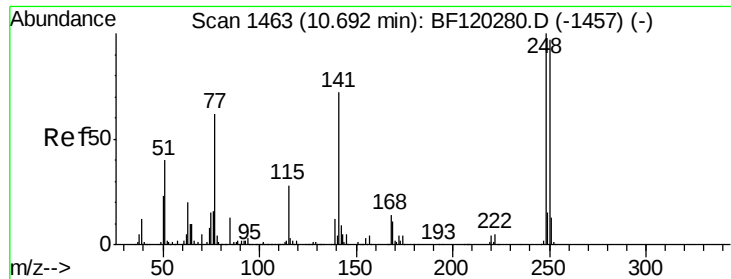
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#66
n-Nitrosodiphenylamine
Concen: 36.330 ng
RT: 10.33 min Scan# 1401
Delta R.T. -0.00 min
Lab File: BF120295.D
Acq: 14 May 2020 17:20

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	1422933		
168	67.5	53.7	80.5	
167	37.4	29.8	44.6	





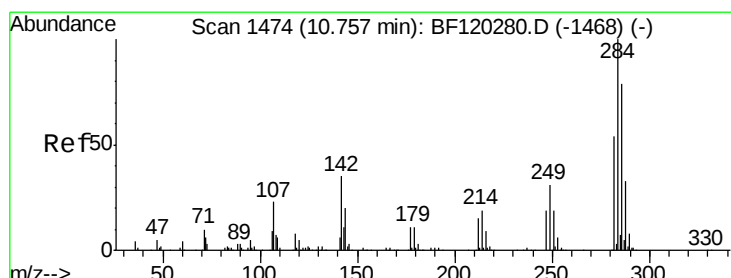
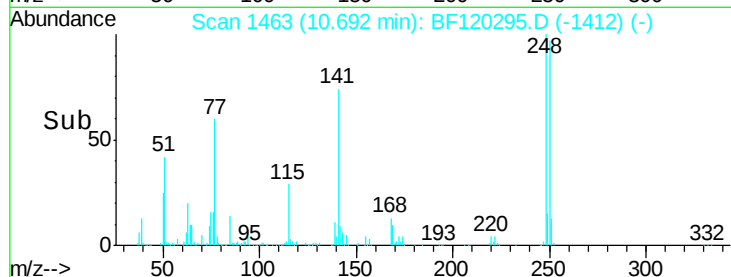
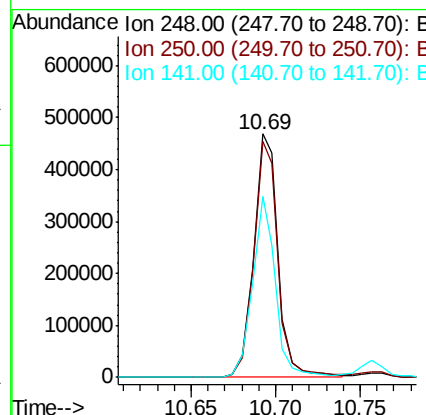
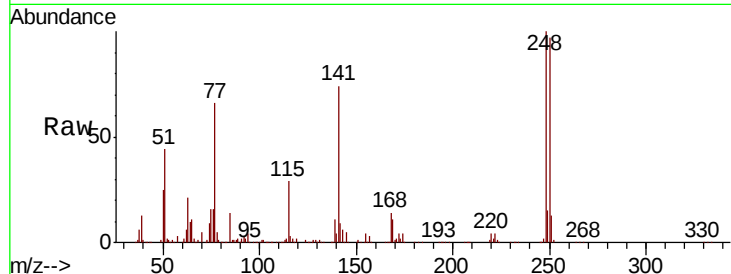
#67
4-Bromophenyl-phenylether
Concen: 34.385 ng
RT: 10.69 min Scan# 1463
Delta R.T. -0.00 min
Lab File: BF120295.D
Acq: 14 May 2020 17:20

Instrument :
BNA_F
ClientSampleId :
PB128845BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.9	77.8	116.6
141	74.2	57.7	86.5

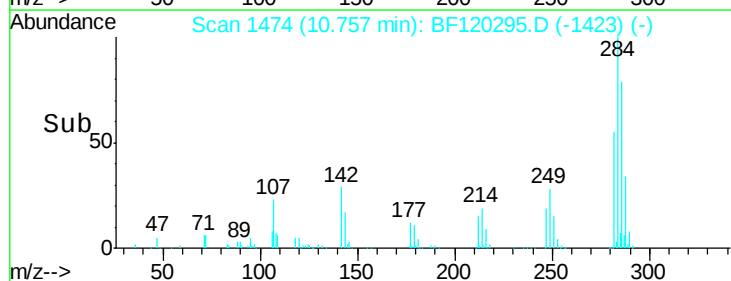
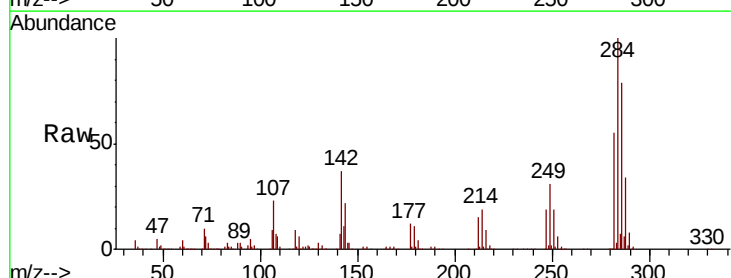
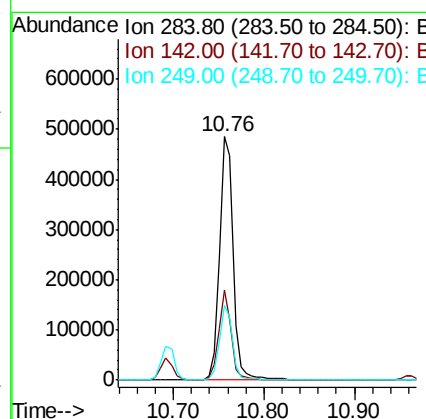
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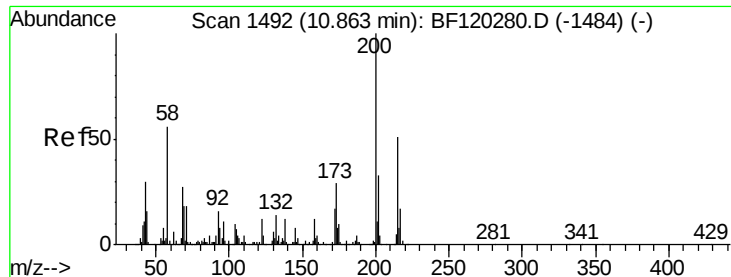
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#68
Hexachlorobenzene
Concen: 35.154 ng
RT: 10.76 min Scan# 1474
Delta R.T. -0.00 min
Lab File: BF120295.D
Acq: 14 May 2020 17:20

Tgt Ion	Ratio	Lower	Upper
284	100		
142	37.2	28.5	42.7
249	30.6	24.8	37.2





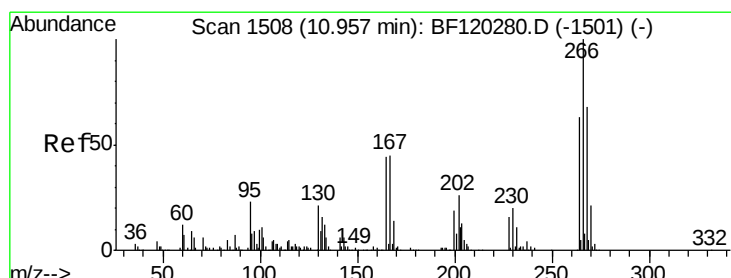
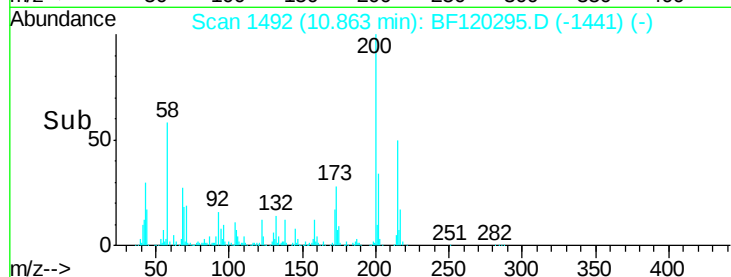
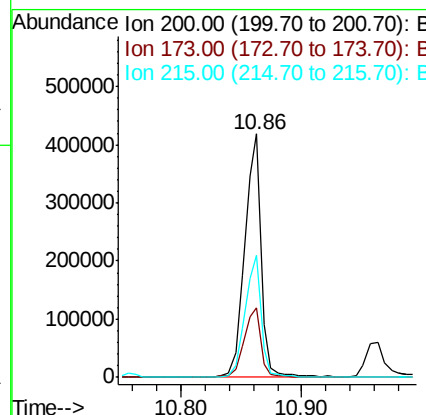
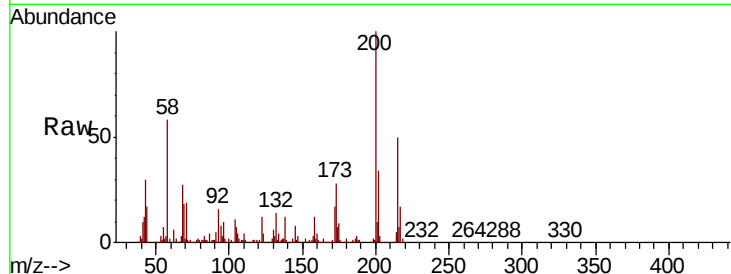
#69
Atrazine
Concen: 34.047 ng
RT: 10.86 min Scan# 1492
Delta R.T. -0.00 min
Lab File: BF120295.D
Acq: 14 May 2020 17:20

Instrument :
BNA_F
ClientSampleId :
PB128845BS

Tot Ion	Ratio	Resp	Lower	Upper
200	100	399023		
173	28.3		8.7	48.7
215	50.0		30.6	70.6

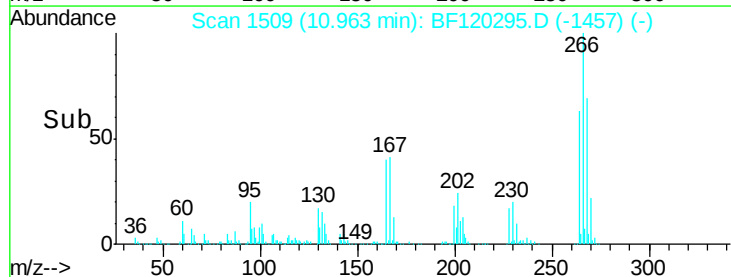
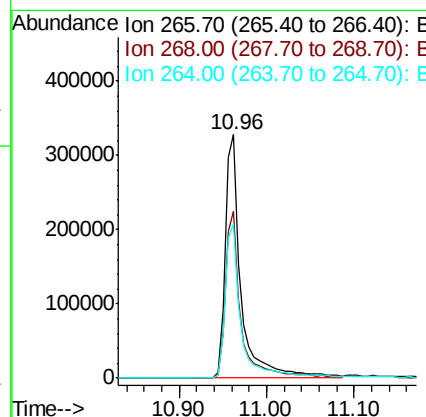
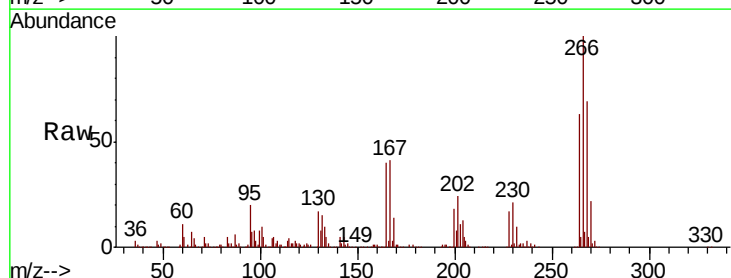
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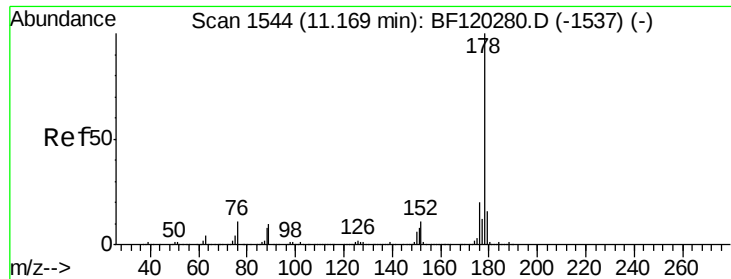
mohammad
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#70
Pentachlorophenol
Concen: 67.084 ng
RT: 10.96 min Scan# 1509
Delta R.T. 0.01 min
Lab File: BF120295.D
Acq: 14 May 2020 17:20

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	410057		
268	68.7		54.2	81.4
264	63.0		50.2	75.4





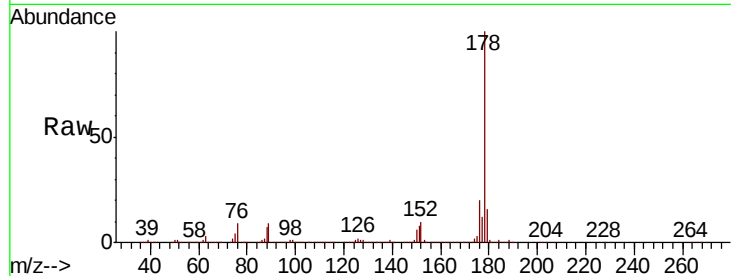
#71
Phenanthrene
Concen: 36.286 ng
RT: 11.17 min Scan# 1545
Delta R.T. 0.01 min
Lab File: BF120295.D
Acq: 14 May 2020 17:20

Instrument :
BNA_F
ClientSampleId :
PB128845BS

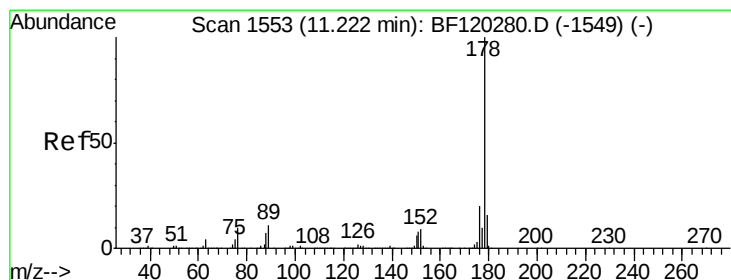
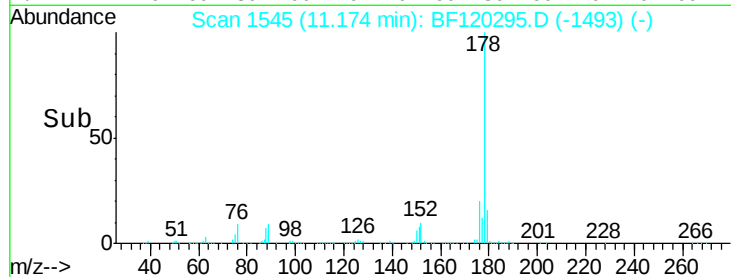
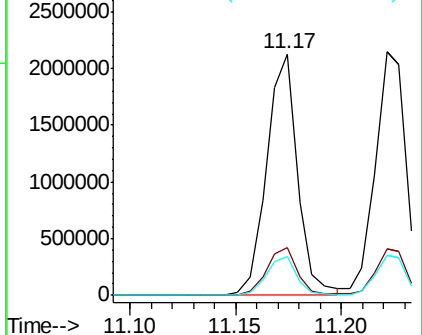
Tot Ion:178 Resp: 2158576
Ion Ratio Lower Upper
178 100
176 19.8 15.8 23.8
179 16.1 12.8 19.2

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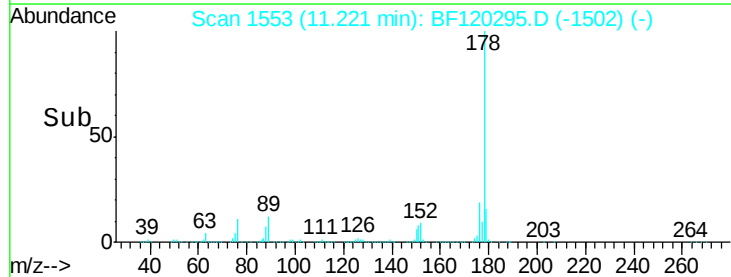
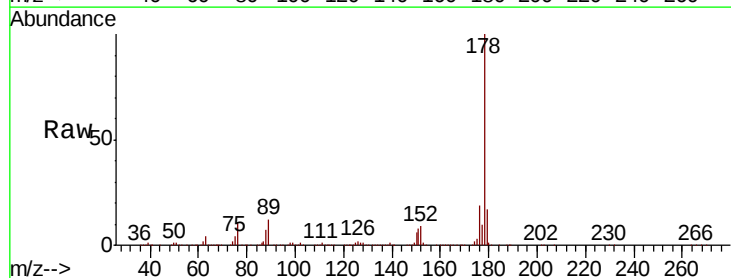
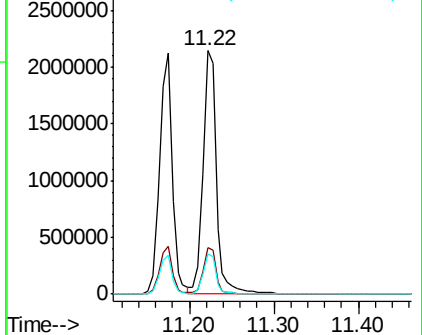
Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

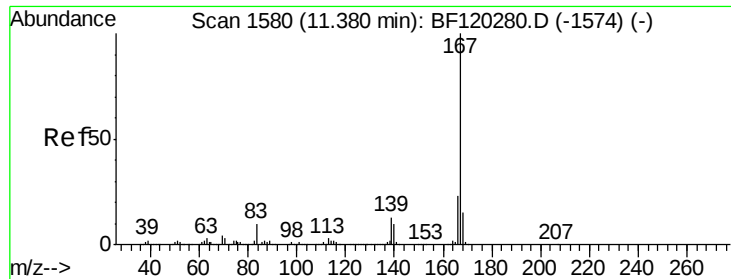


#72
Anthracene
Concen: 36.992 ng
RT: 11.22 min Scan# 1553
Delta R.T. -0.00 min
Lab File: BF120295.D
Acq: 14 May 2020 17:20

Tgt Ion:178 Resp: 2355812
Ion Ratio Lower Upper
178 100
176 19.2 15.7 23.5
179 16.5 13.0 19.6

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: 35.732 ng

RT: 11.39 min Scan# 1581

Delta R.T. 0.01 min

Lab File: BF120295.D

Acq: 14 May 2020 17:20

Instrument :

BNA_F

ClientSampleId :

PB128845BS

Tot Ion:167 Resp: 2126232

Ion Ratio Lower Upper

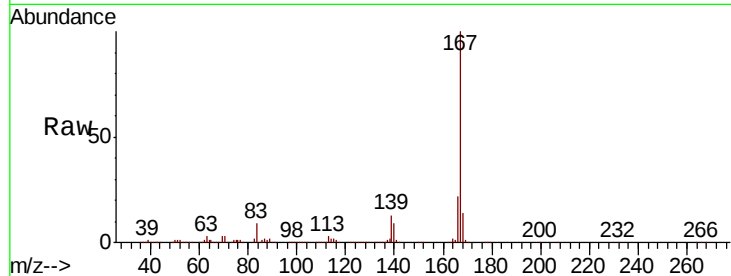
167 100

166 22.3 18.1 27.1

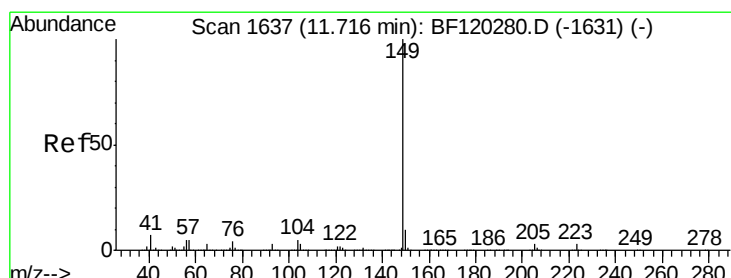
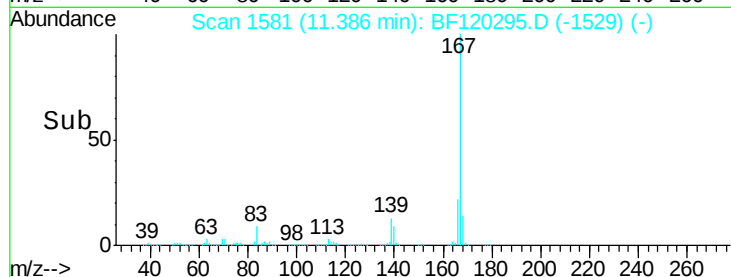
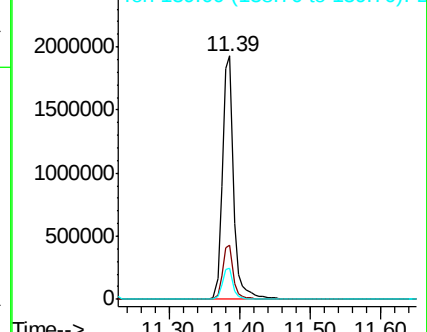
139 12.7 10.6 15.8

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



#74

Di-n-butylphthalate

Concen: 37.440 ng

RT: 11.72 min Scan# 1637

Delta R.T. -0.00 min

Lab File: BF120295.D

Acq: 14 May 2020 17:20

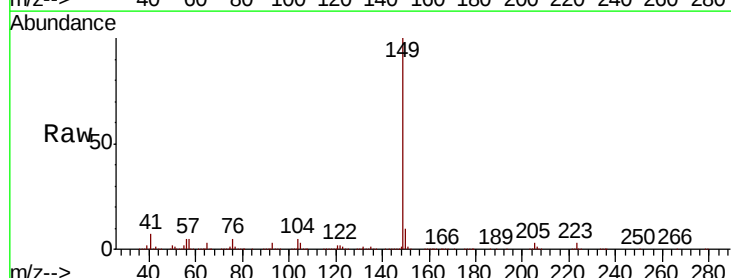
Tgt Ion:149 Resp: 2684946

Ion Ratio Lower Upper

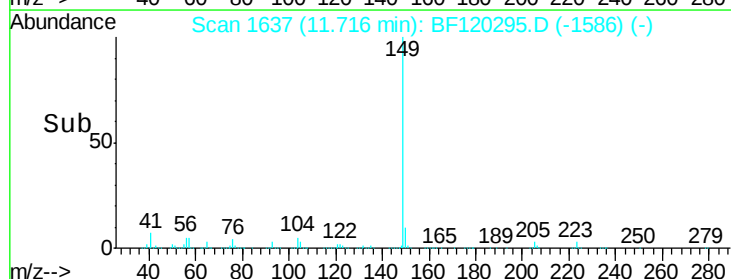
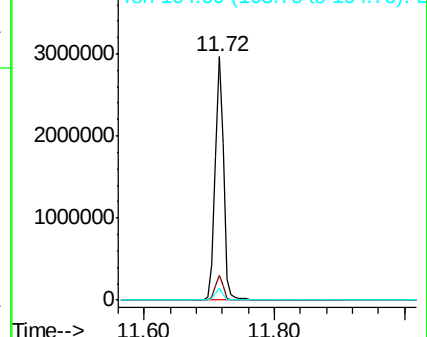
149 100

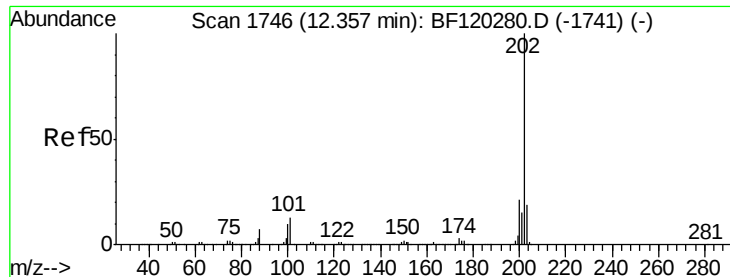
150 10.0 8.2 12.4

104 4.7 3.8 5.8



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





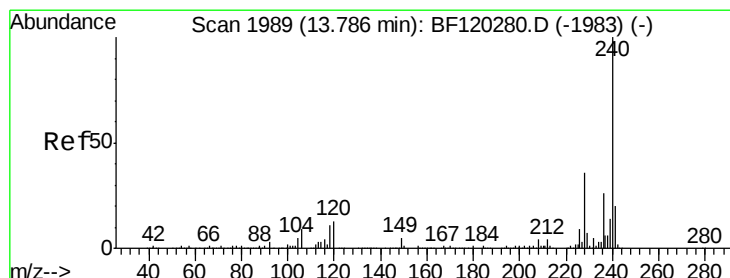
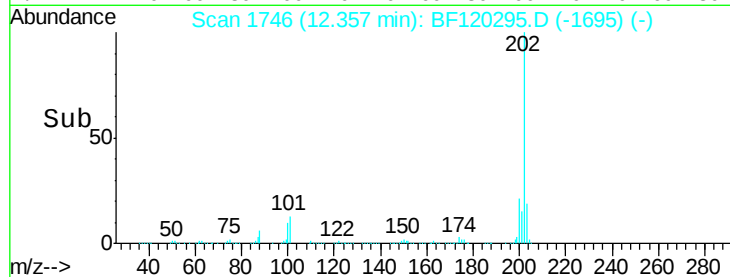
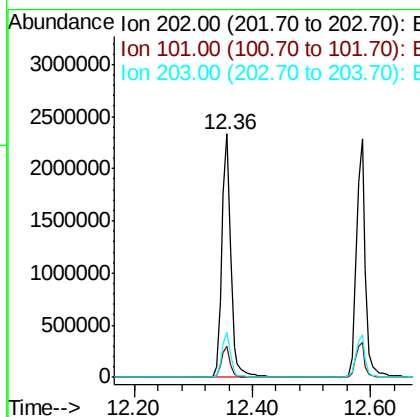
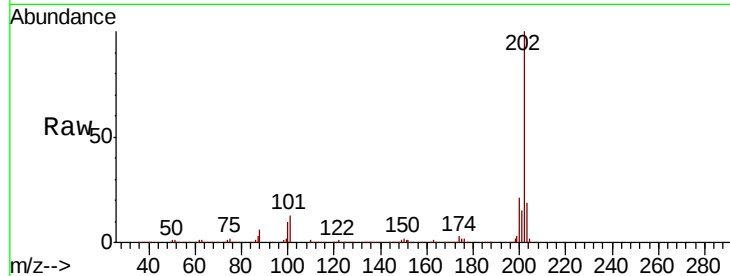
#75
 Fluoranthene
 Concen: 38.003 ng
 RT: 12.36 min Scan# 1746
 Delta R.T. -0.00 min
 Lab File: BF120295.D
 Acq: 14 May 2020 17:20

Instrument :
 BNA_F
 ClientSampleId :
 PB128845BS

Tot Ion:	202	Resp:	2423128
Ion	Ratio	Lower	Upper
202	100		
101	12.8	0.0	33.2
203	18.7	0.0	39.1

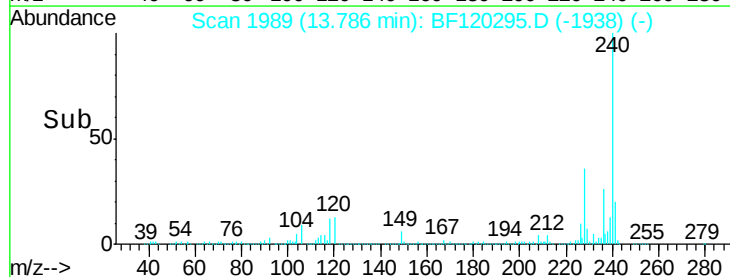
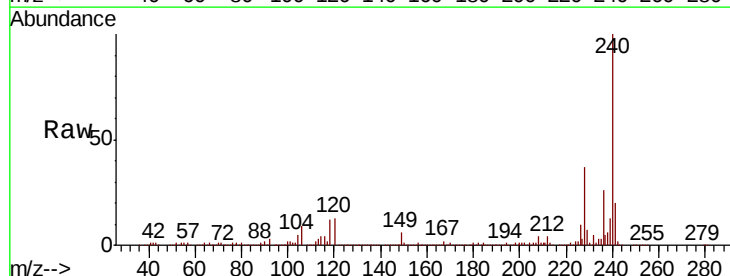
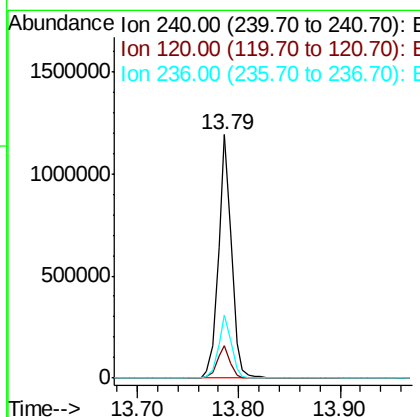
Manual Integrations
 APPROVED

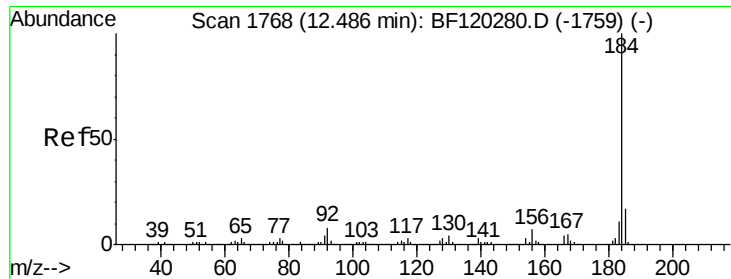
mohammad
 5/18/2020 1:31:52 PM



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.79 min Scan# 1989
 Delta R.T. -0.00 min
 Lab File: BF120295.D
 Acq: 14 May 2020 17:20

Tgt Ion:	240	Resp:	1059867
Ion	Ratio	Lower	Upper
240	100		
120	13.1	10.4	15.6
236	26.1	21.0	31.6





#77

Benzidine

Concen: 30.899 ng

RT: 12.49 min Scan# 1768

Delta R.T. -0.00 min

Lab File: BF120295.D

Acq: 14 May 2020 17:20

Instrument :

BNA_F

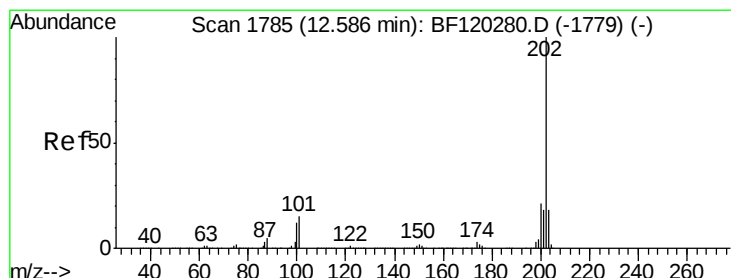
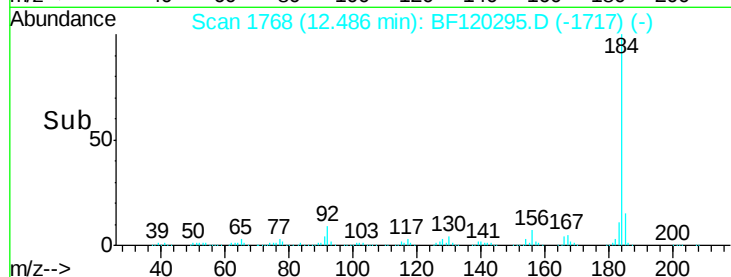
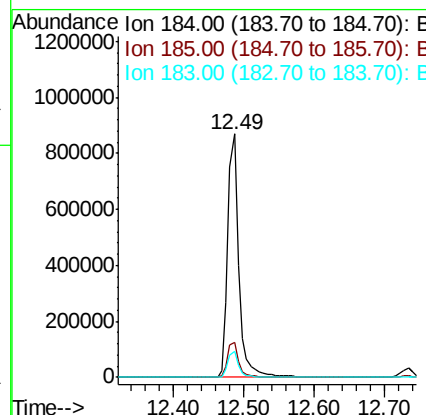
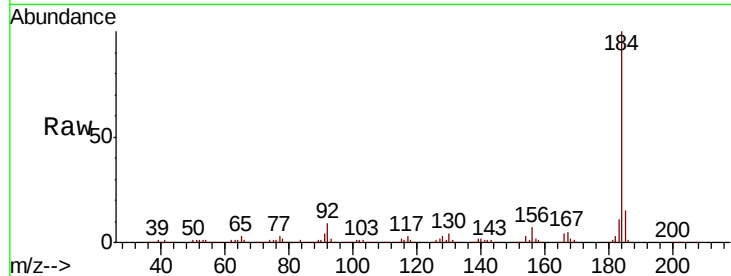
ClientSampleId :

PB128845BS

Tot Ion:	184	Resp:	956323
Ion Ratio	Lower	Upper	
184	100		
185	14.6	13.7	20.5
183	10.8	8.7	13.1

Manual Integrations
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#78

Pyrene

Concen: 32.013 ng

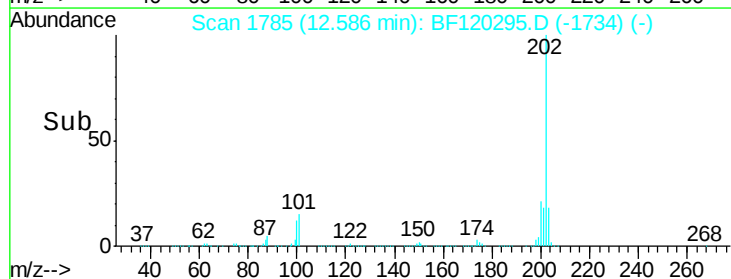
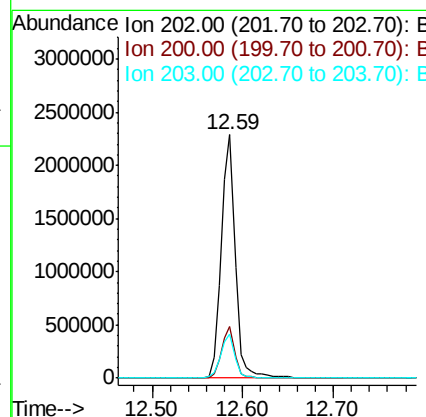
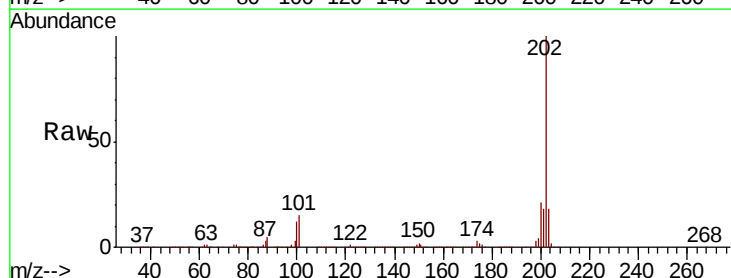
RT: 12.59 min Scan# 1785

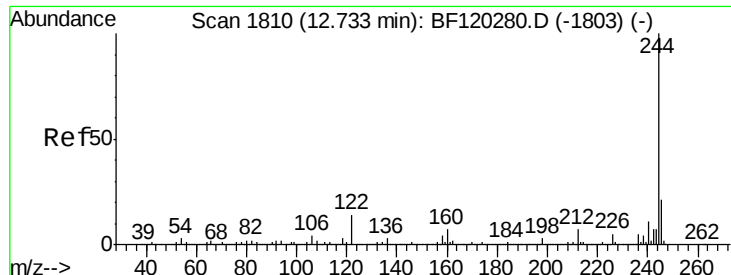
Delta R.T. -0.00 min

Lab File: BF120295.D

Acq: 14 May 2020 17:20

Tgt Ion:	202	Resp:	2418821
Ion Ratio	Lower	Upper	
202	100		
200	21.1	16.6	25.0
203	17.9	14.6	22.0





#79
 Terphenyl-d14
 Concen: 65.003 ng
 RT: 12.73 min Scan# 1810
 Delta R.T. -0.00 min
 Lab File: BF120295.D
 Acq: 14 May 2020 17:20

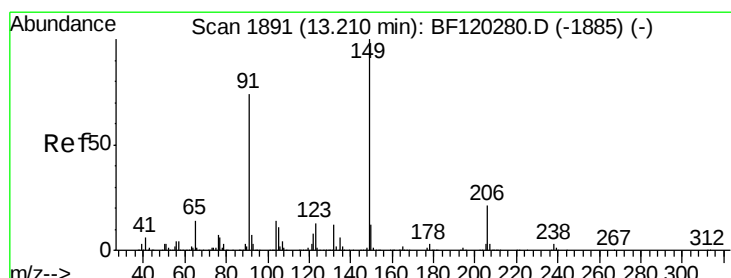
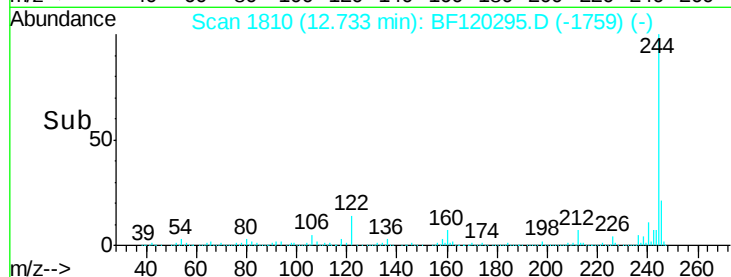
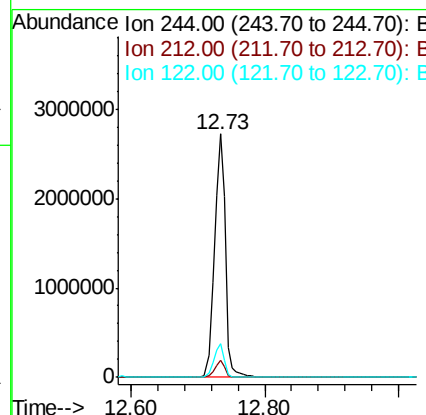
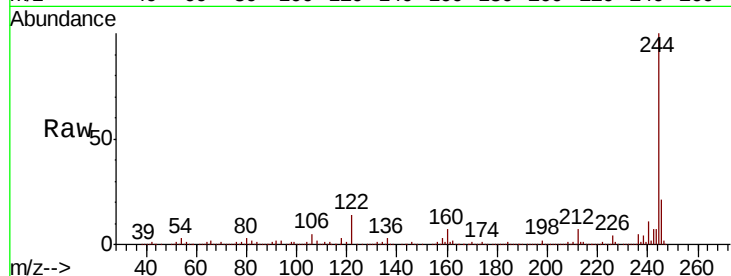
Instrument :
 BNA_F
 ClientSampleId :
 PB128845BS

Tot Ion:244 Resp: 3118526

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.8	8.6
122	14.1	10.8	16.2

Manual Integrations
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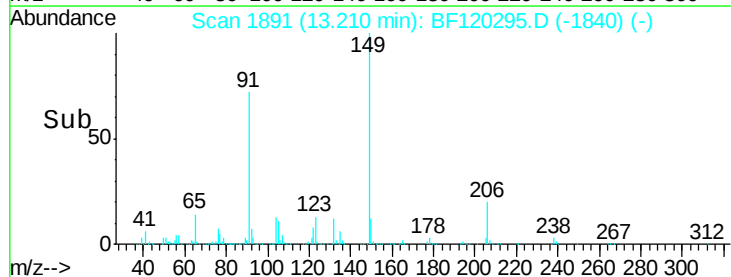
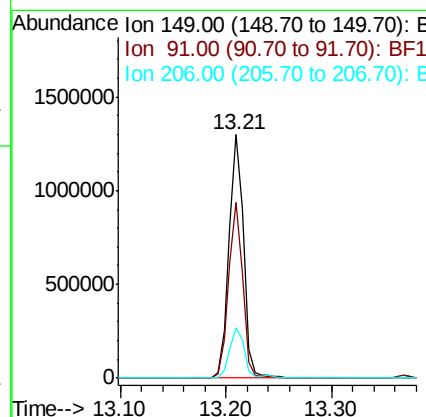
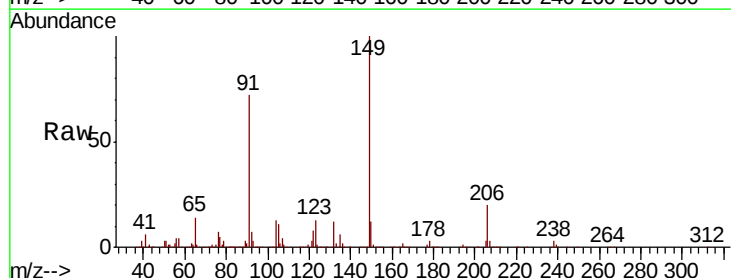
mohammad
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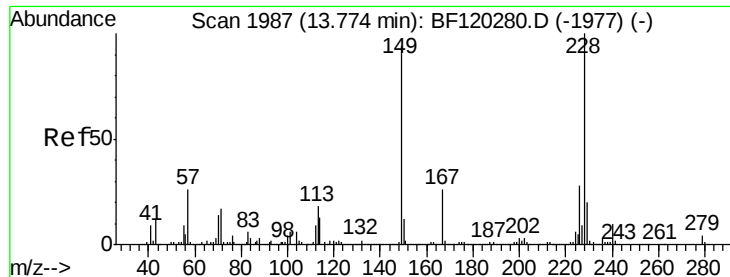


#80
 Butylbenzylphthalate
 Concen: 35.243 ng
 RT: 13.21 min Scan# 1891
 Delta R.T. -0.00 min
 Lab File: BF120295.D
 Acq: 14 May 2020 17:20

Tgt Ion:149 Resp: 1253922

Ion	Ratio	Lower	Upper
149	100		
91	72.1	59.0	88.4
206	20.4	16.8	25.2





#81

Benzo(a)anthracene

Concen: 34.062 ng

RT: 13.77 min Scan# 1987

Delta R.T. -0.00 min

Lab File: BF120295.D

Acq: 14 May 2020 17:20

Instrument :

BNA_F

ClientSampleId :

PB128845BS

Tot Ion:228 Resp: 1904080

Ion Ratio Lower Upper

228 100

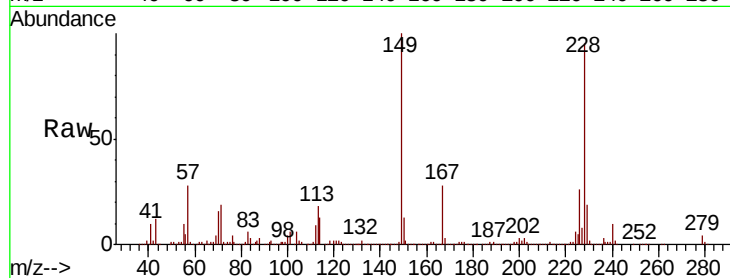
226 27.5 22.6 33.8

229 19.8 16.4 24.6

Manual Integrations
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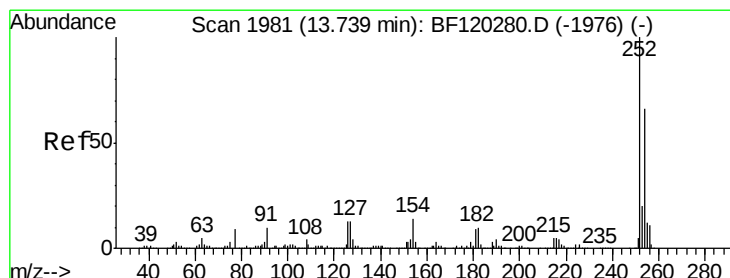
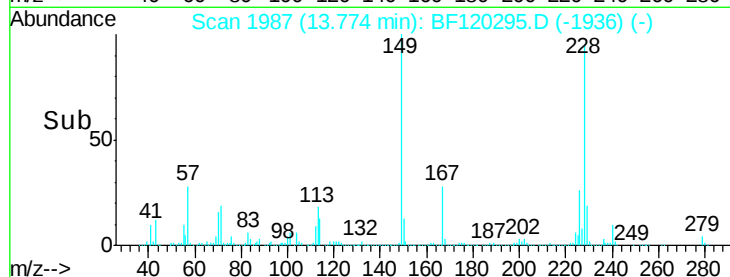
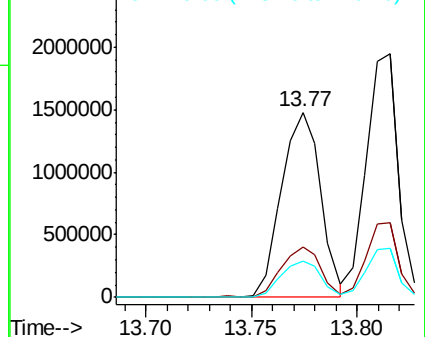


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 21.557 ng

RT: 13.74 min Scan# 1981

Delta R.T. -0.00 min

Lab File: BF120295.D

Acq: 14 May 2020 17:20

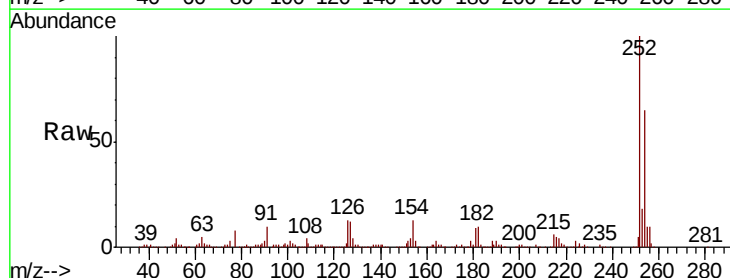
Tgt Ion:252 Resp: 454111

Ion Ratio Lower Upper

252 100

254 64.9 52.6 78.8

126 13.1 10.7 16.1

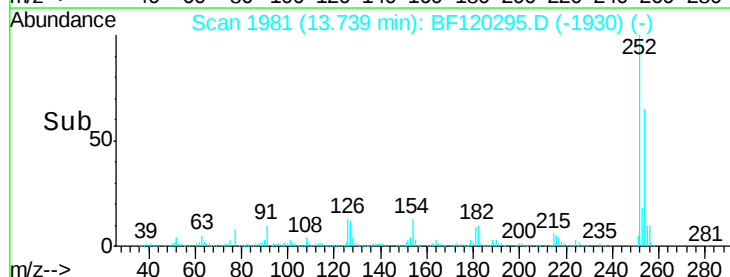
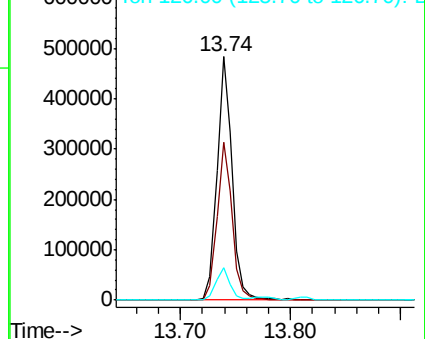


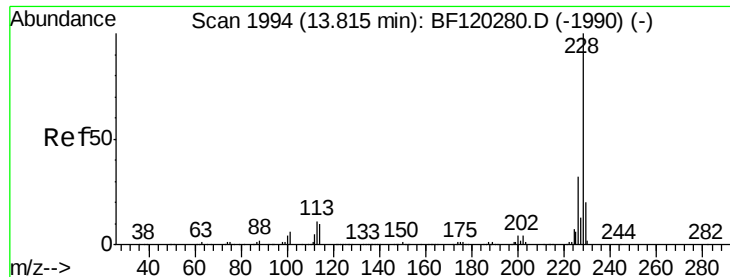
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





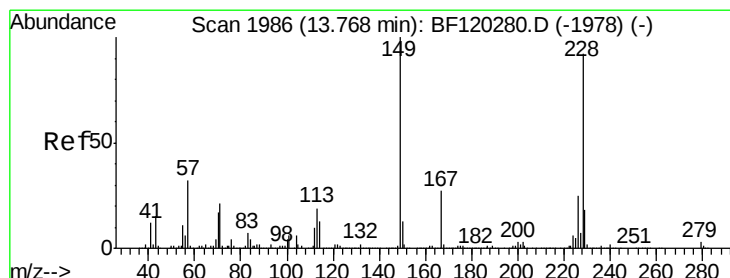
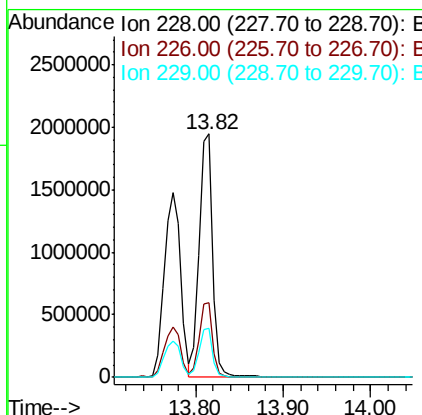
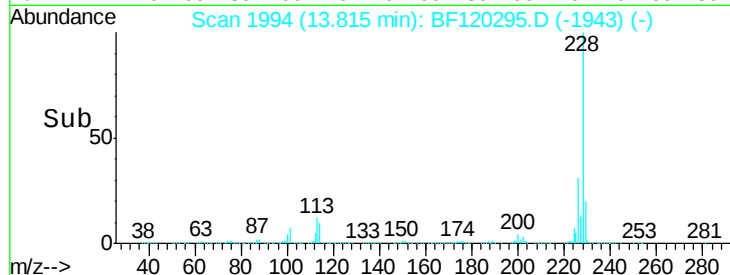
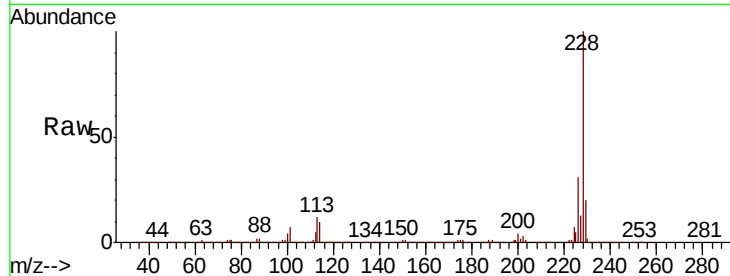
#83
 Chrvsene
 Concen: 34.846 ng
 RT: 13.82 min Scan# 1994
 Delta R.T. -0.00 min
 Lab File: BF120295.D
 Acq: 14 May 2020 17:20

Instrument :
 BNA_F
 ClientSampleId :
 PB128845BS

Tot Ion:228 Resp: 2091688
 Ion Ratio Lower Upper
 228 100
 226 30.7 25.0 37.6
 229 20.3 16.2 24.4

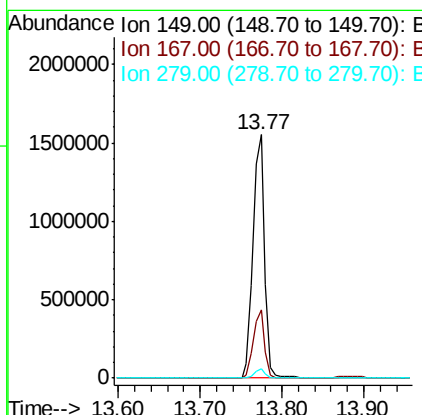
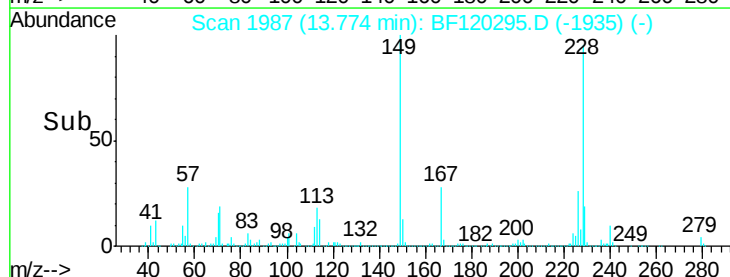
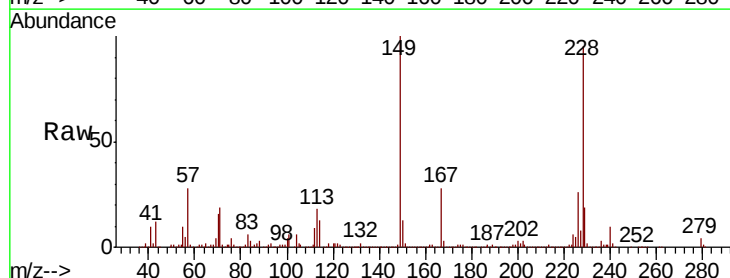
Manual Integrations
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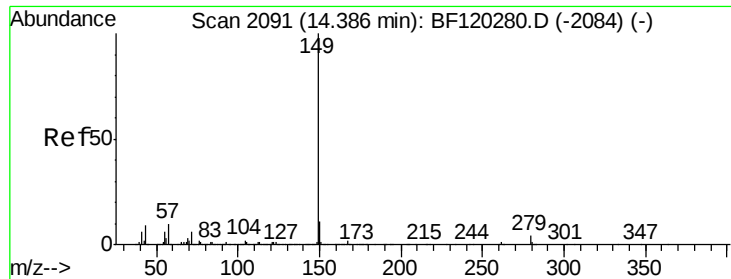
mohammad
 5/18/2020 1:31:52 PM



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 34.776 ng
 RT: 13.77 min Scan# 1987
 Delta R.T. 0.01 min
 Lab File: BF120295.D
 Acq: 14 May 2020 17:20

Tgt Ion:149 Resp: 1539388
 Ion Ratio Lower Upper
 149 100
 167 28.2 21.8 32.8
 279 3.9 2.8 4.2





#85

Di-n-octyl phthalate

Concen: 35.855 ng

RT: 14.39 min Scan# 2091

Delta R.T. -0.00 min

Lab File: BF120295.D

Acq: 14 May 2020 17:20

Instrument :

BNA_F

ClientSampleId :

PB128845BS

Tot Ion:149 Resp: 2855278

Ion Ratio Lower Upper

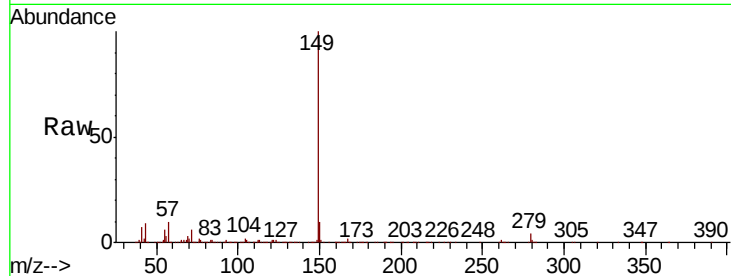
149 100

167 1.6 1.3 1.9

43 9.5 7.5 11.3

Manual Integrations
APPROVED

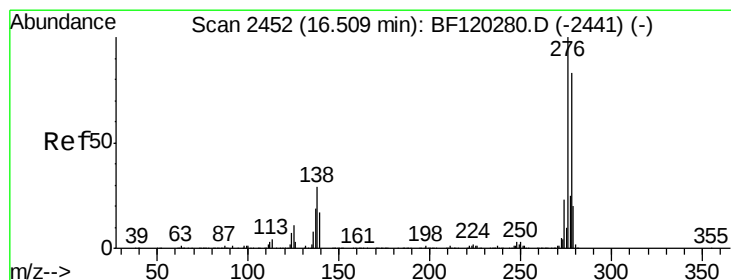
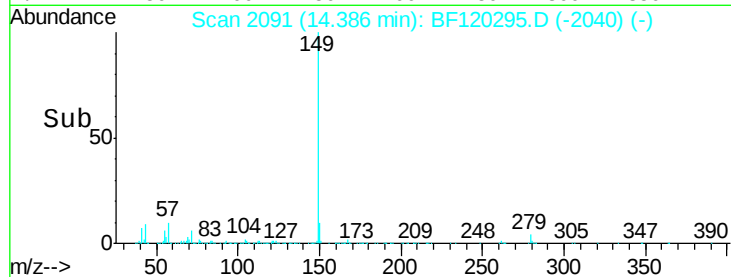
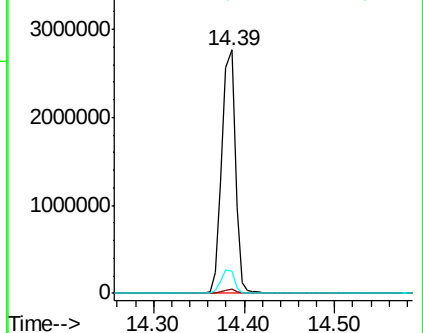
mohammad
5/18/2020 1:31:52 PM



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 33.432 ng

RT: 16.51 min Scan# 2452

Delta R.T. -0.00 min

Lab File: BF120295.D

Acq: 14 May 2020 17:20

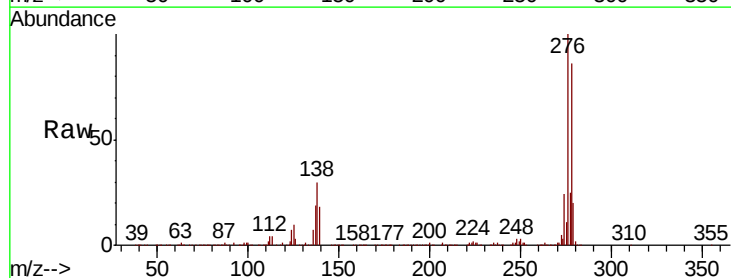
Tgt Ion:276 Resp: 1821394

Ion Ratio Lower Upper

276 100

138 29.3 23.3 34.9

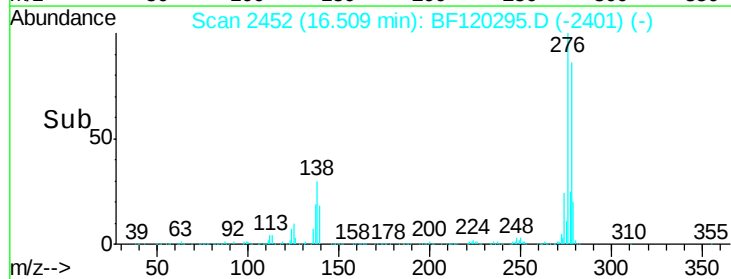
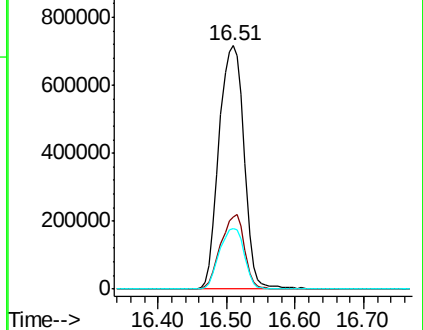
277 25.0 20.2 30.4

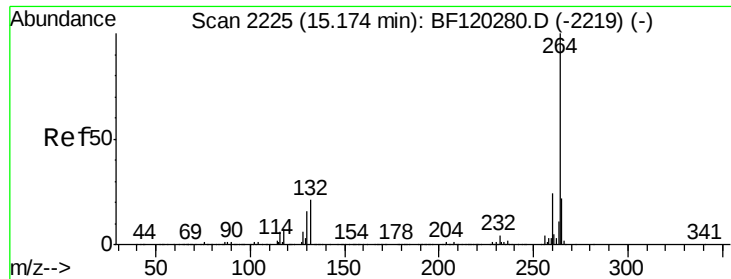


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





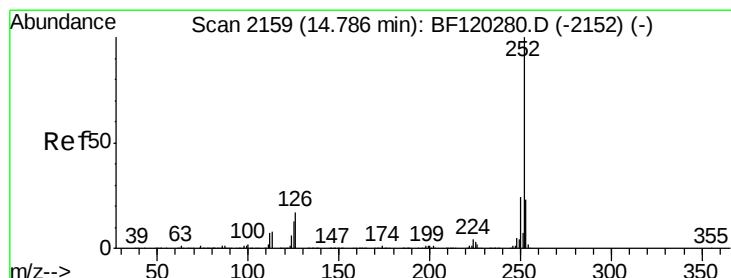
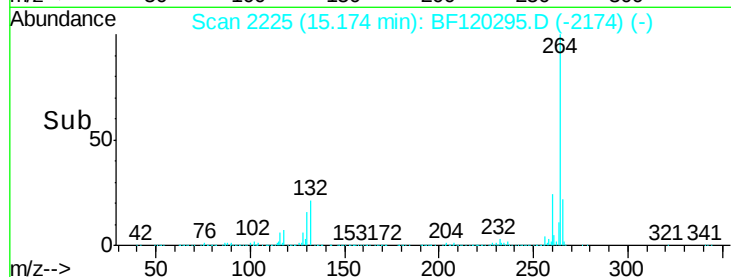
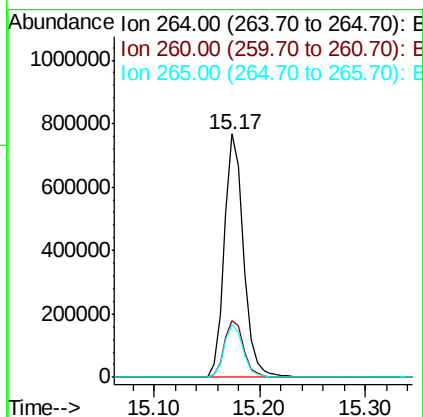
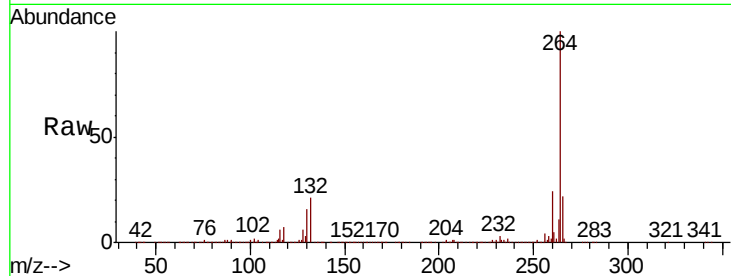
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.17 min Scan# 2225
Delta R.T. -0.00 min
Lab File: BF120295.D
Acq: 14 May 2020 17:20

Instrument :
BNA_F
ClientSampleId :
PB128845BS

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.0	28.6
265	21.6	17.5	26.3

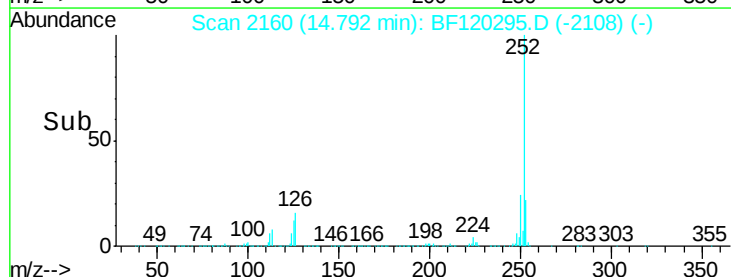
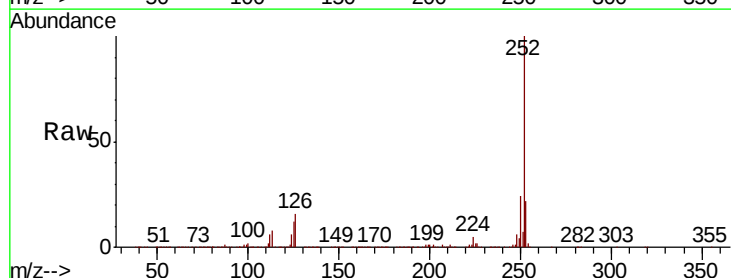
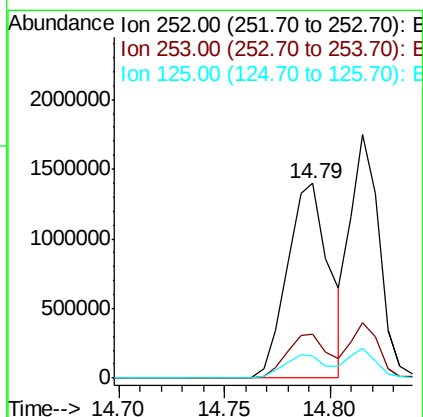
Manual Integrations
APPROVED

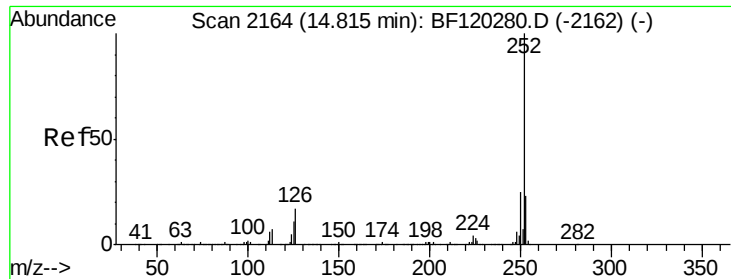
mohammad
5/18/2020 1:31:52 PM



#88
Benzo(b)fluoranthene
Concen: 36.499 ng
RT: 14.79 min Scan# 2160
Delta R.T. 0.01 min
Lab File: BF120295.D
Acq: 14 May 2020 17:20

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.1	27.1
125	11.7	10.4	15.6





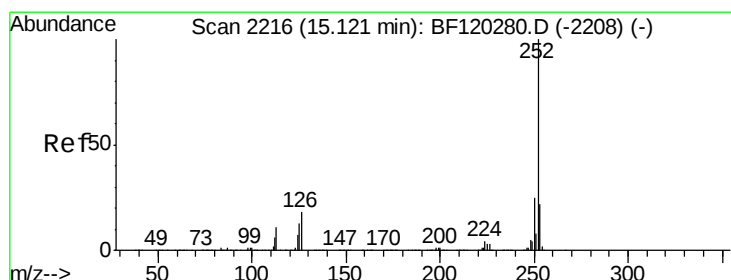
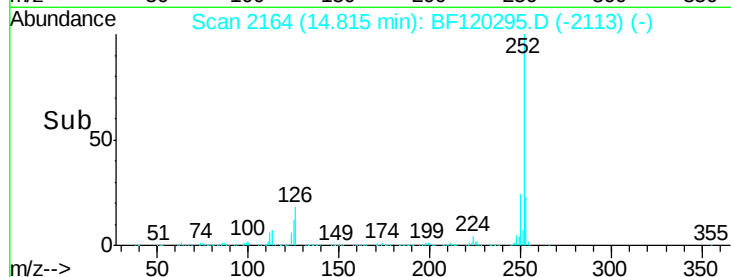
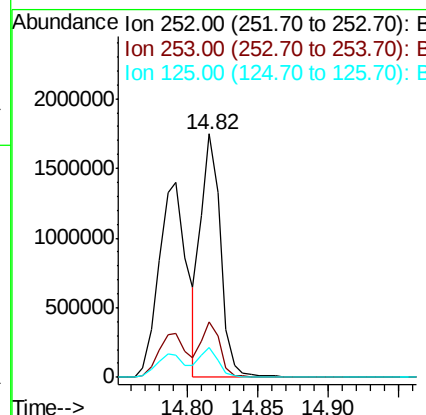
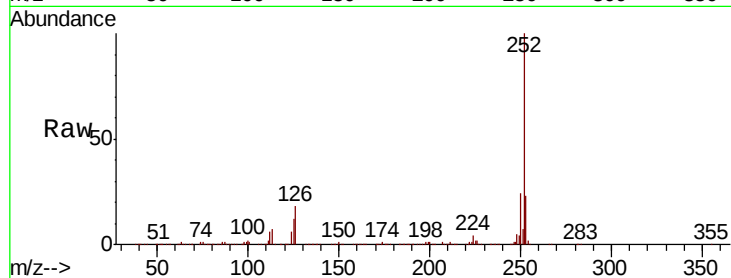
#89
Benzo(k)fluoranthene
Concen: 36.467 ng
RT: 14.82 min Scan# 2164
Delta R.T. -0.00 min
Lab File: BF120295.D
Acq: 14 May 2020 17:20

Instrument :
BNA_F
ClientSampleId :
PB128845BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.2	27.2
125	12.3	9.9	14.9

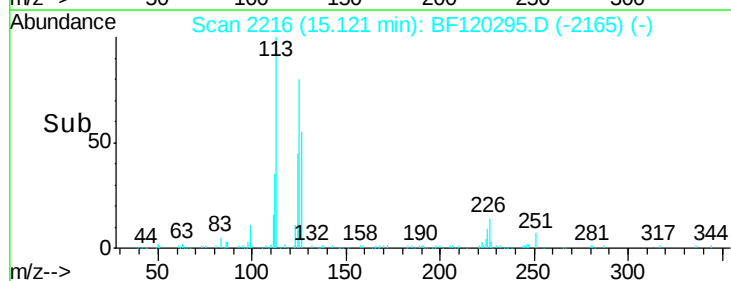
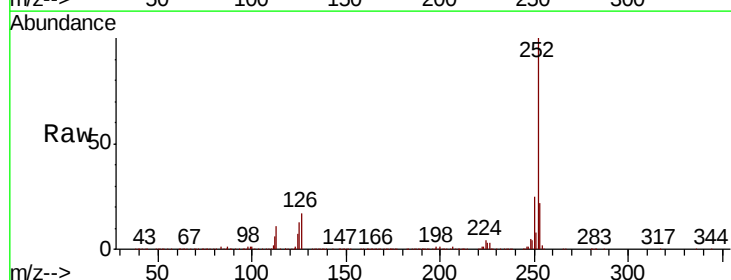
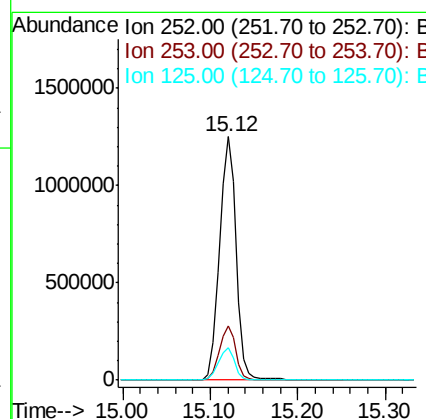
Manual Integrations
APPROVED

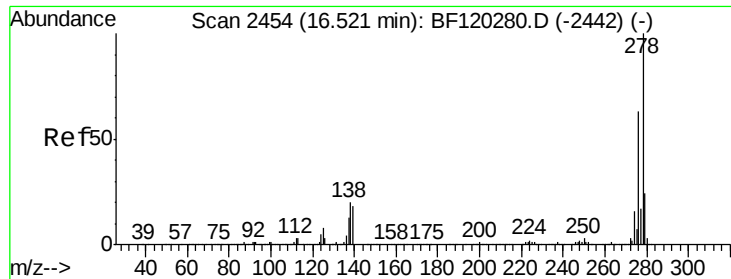
mohammad
5/18/2020 1:31:52 PM



#90
Benzo(a)pyrene
Concen: 34.621 ng
RT: 15.12 min Scan# 2216
Delta R.T. -0.00 min
Lab File: BF120295.D
Acq: 14 May 2020 17:20

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.6	26.4
125	13.4	10.6	16.0





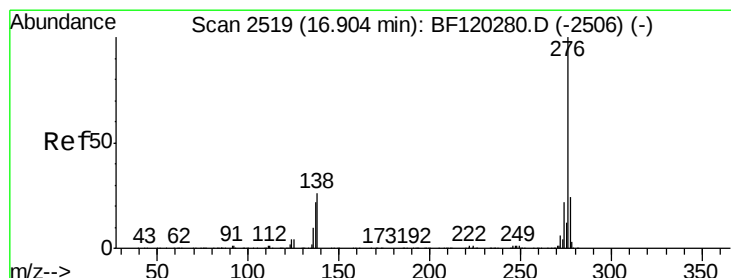
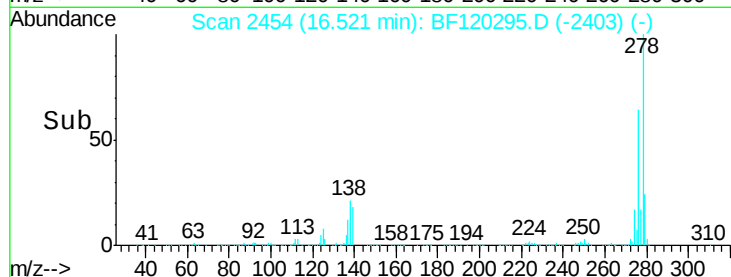
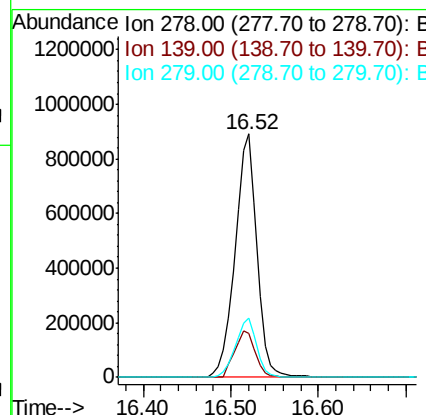
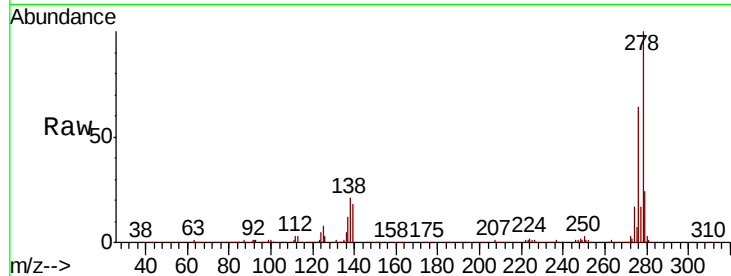
#91
Dibenzo(a,h)anthracene
Concen: 35.894 ng
RT: 16.52 min Scan# 2454
Delta R.T. -0.00 min
Lab File: BF120295.D
Acq: 14 May 2020 17:20

Instrument :
BNA_F
ClientSampleId :
PB128845BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	18.1	14.7	22.1
279	24.3	19.2	28.8

Manual Integrations
APPROVED

mohammad
5/18/2020 1:31:52 PM



#92
Benzo(g,h,i)perylene
Concen: 36.540 ng
RT: 16.91 min Scan# 2520
Delta R.T. 0.01 min
Lab File: BF120295.D
Acq: 14 May 2020 17:20

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.6	19.1	28.7
138	23.9	20.8	31.2

