

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF083120\
 Data File : BF121476.D
 Acq On : 31 Aug 2020 14:17
 Operator : JU/CG
 Sample : PB131281BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB131281BS

Manual Integrations
 APPROVED

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 9/2/2020 1:55:32 PM

Quant Time: Sep 01 09:30:09 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF082720.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 28 09:25:49 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	320872	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	1263577	20.00	ng	0.00
39) Acenaphthene-d10	9.90	164	673881	20.00	ng	0.00
64) Phenanthrene-d10	11.39	188	1292355	20.00	ng	0.00
76) Chrysene-d12	14.03	240	1037775	20.00	ng	0.00
86) Perylene-d12	15.49	264	1005131	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.49	112	1938487	101.36	ng	0.02
7) Phenol-d6	6.49	99	2597581	97.19	ng	0.00
23) Nitrobenzene-d5	7.43	82	2079340	112.50	ng	0.00
42) 2,4,6-Tribromophenol	10.69	330	792162	116.38	ng	0.00
45) 2-Fluorobiphenyl	9.22	172	3658779	87.61	ng	0.00
79) Terphenyl-d14	12.97	244	3374515	68.45	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.75	88	341645	37.458	ng	99
3) Pyridine	3.49	79	775011	31.203	ng	98
4) n-Nitrosodimethylamine	3.44	42	403238	36.728	ng	90
6) Aniline	6.52	93	1012087	31.915	ng	99
8) 2-Chlorophenol	6.65	128	825949	42.552	ng	95
9) Benzaldehyde	6.41	77	499213	36.613	ng	100
10) Phenol	6.50	94	1075049	41.118	ng	99
11) bis(2-Chloroethyl)ether	6.60	93	806739	37.978	ng	98
12) 1,3-Dichlorobenzene	6.80	146	864613	36.995	ng	99
13) 1,4-Dichlorobenzene	6.88	146	883507	37.721	ng	99
14) 1,2-Dichlorobenzene	7.03	146	810326	37.155	ng	99
15) Benzyl Alcohol	7.00	79	713313	40.663	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.14	45	1148215	36.487	ng	98
17) 2-Methylphenol	7.11	107	688787	40.784	ng	100
18) Hexachloroethane	7.37	117	320327	39.962	ng	97
19) n-Nitroso-di-n-propylamine	7.28	70	587003	39.301	ng	97
20) 3+4-Methylphenols	7.26	107	827345	40.482	ng	88
22) Acetophenone	7.27	105	1110382	35.654	ng	# 98
24) Nitrobenzene	7.45	77	858594	46.344	ng	95
25) Isophorone	7.69	82	1610886	38.750	ng	99
26) 2-Nitrophenol	7.76	139	407135	51.148	ng	98
27) 2,4-Dimethylphenol	7.80	122	780197	45.250	ng	99
28) bis(2-Chloroethoxy)methane	7.89	93	1023680	36.213	ng	99
29) 2,4-Dichlorophenol	8.00	162	704689	41.393	ng	99
30) 1,2,4-Trichlorobenzene	8.09	180	752578	36.086	ng	99
31) Naphthalene	8.17	128	2337605	37.264	ng	100
32) Benzoic acid	7.92	122	528404	48.708	ng	100
33) 4-Chloroaniline	8.21	127	688449	24.640	ng	99
34) Hexachlorobutadiene	8.29	225	435179	35.089	ng	99
35) Caprolactam	8.59	113	225824m	40.671	ng	
36) 4-Chloro-3-methylphenol	8.69	107	726187	40.457	ng	98
37) 2-Methylnaphthalene	8.86	142	1611704	38.778	ng	99
38) 1-Methylnaphthalene	8.96	142	1517860	38.676	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.03	216	719561	36.021	ng	99

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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF082720.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 28 09:25:49 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.02	237	809274	96.338	nq	99
43) 2,4,6-Trichlorophenol	9.13	196	522545	41.387	nq	99
44) 2,4,5-Trichlorophenol	9.17	196	531138	42.542	nq	97
46) 1,1'-Biphenyl	9.32	154	1939594	38.143	nq	99
47) 2-Chloronaphthalene	9.35	162	1467663	35.114	nq	99
48) 2-Nitroaniline	9.44	65	465290	40.816	nq	95
49) Acenaphthylene	9.76	152	2365137	37.725	nq	99
50) Dimethylphthalate	9.63	163	1721083	37.181	nq	99
51) 2,6-Dinitrotoluene	9.69	165	379660	44.329	nq	90
52) Acenaphthene	9.94	154	1576173	39.815	nq	99
53) 3-Nitroaniline	9.85	138	292283	28.892	nq #	97
54) 2,4-Dinitrophenol	9.96	184	313926	78.940	nq	91
55) Dibenzofuran	10.11	168	2128143	37.007	nq	100
56) 4-Nitrophenol	10.02	139	701292	78.616	nq	86
57) 2,4-Dinitrotoluene	10.09	165	494680	46.574	nq	98
58) Fluorene	10.45	166	1579131	36.427	nq	100
59) 2,3,4,6-Tetrachlorophenol	10.22	232	463233	44.565	nq	100
60) Diethylphthalate	10.33	149	1727419	37.144	nq	99
61) 4-Chlorophenyl-phenylether	10.45	204	785271	36.154	nq	95
62) 4-Nitroaniline	10.47	138	412614	37.566	nq	97
63) Azobenzene	10.60	77	1688469	36.714	nq	99
65) 4,6-Dinitro-2-methylphenol	10.49	198	210238	52.894	nq	98
66) n-Nitrosodiphenylamine	10.56	169	1491483	36.490	nq	100
67) 4-Bromophenyl-phenylether	10.93	248	503656	35.426	nq	98
68) Hexachlorobenzene	11.00	284	581743	34.992	nq	99
69) Atrazine	11.09	200	436003	36.781	nq	100
70) Pentachlorophenol	11.19	266	694887	91.490	nq	96
71) Phenanthrene	11.42	178	2346264	35.377	nq	99
72) Anthracene	11.46	178	2419457	37.092	nq	100
73) Carbazole	11.62	167	2267963	36.056	nq	100
74) Di-n-butylphthalate	11.95	149	2594933	37.136	nq	100
75) Fluoranthene	12.60	202	2603854	36.429	nq	100
77) Benzidine	12.72	184	1205578	53.266	nq	99
78) Pyrene	12.83	202	2642465	35.653	nq	100
80) Butylbenzylphthalate	13.45	149	1156626	40.508	nq	99
81) Benzo(a)anthracene	14.02	228	2225674	35.132	nq	100
82) 3,3'-Dichlorobenzidine	13.98	252	769176	33.149	nq	98
83) Chrysene	14.06	228	2222609	35.068	nq	99
84) Bis(2-ethylhexyl)phthalate	14.01	149	1459921	39.588	nq	100
85) Di-n-octyl phthalate	14.62	149	2668468	42.698	nq	99
87) Indeno(1,2,3-cd)pyrene	16.97	276	2291600	37.055	nq	100
88) Benzo(b)fluoranthene	15.07	252	2355262	36.022	nq	99
89) Benzo(k)fluoranthene	15.10	252	2296887	37.768	nq	99
90) Benzo(a)pyrene	15.43	252	2128625	36.205	nq	99
91) Dibenzo(a,h)anthracene	16.99	278	1901131	37.554	nq	98
92) Benzo(g,h,i)perylene	17.41	276	1857046	38.081	nq	97

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

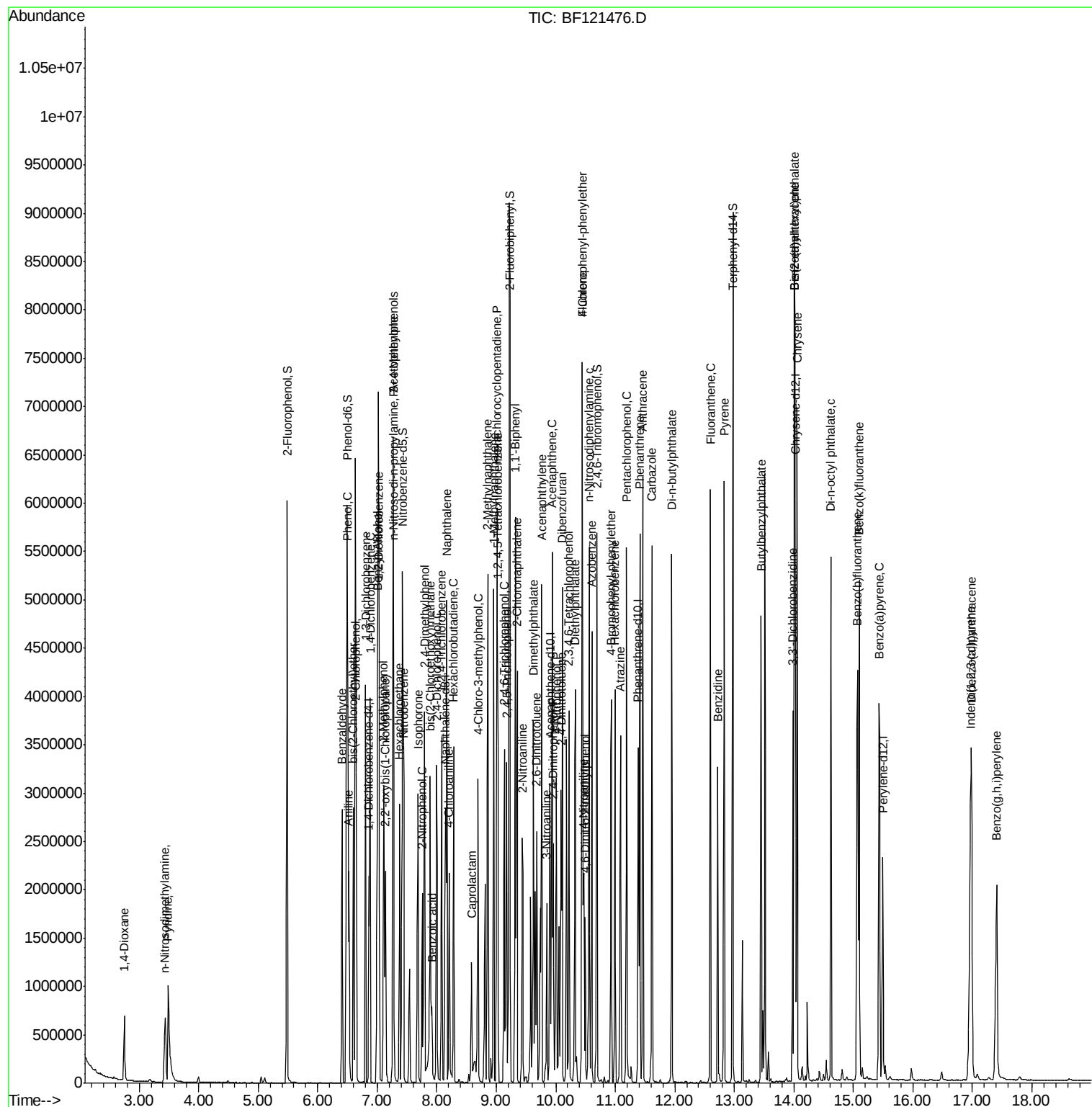
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF083120\
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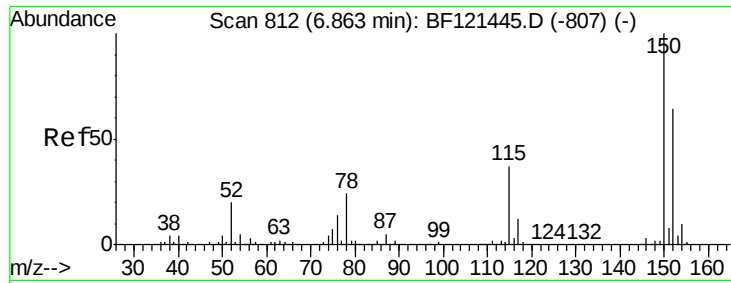
Instrument :
BNA_F
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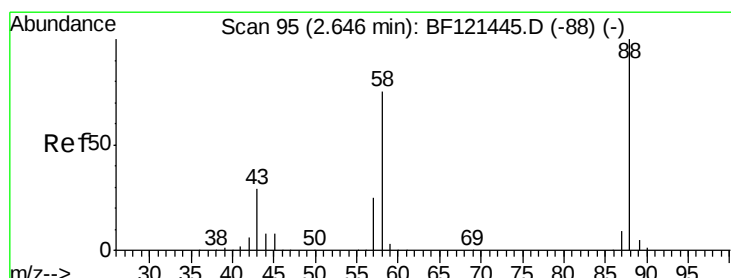
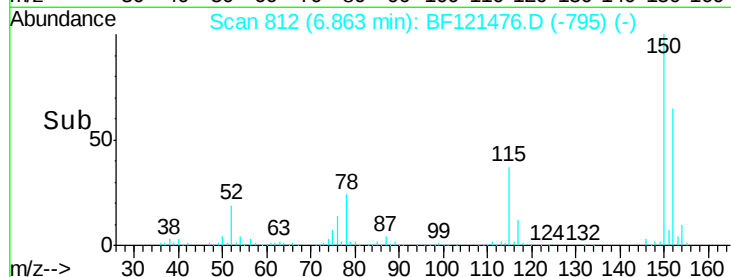
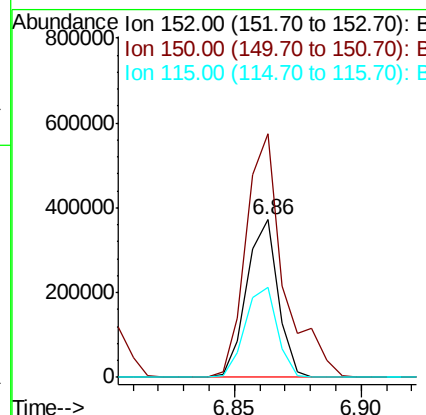
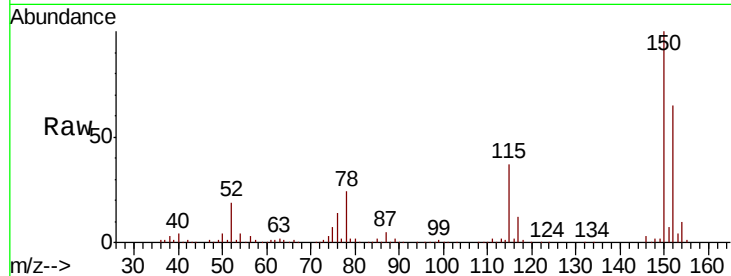
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.86 min Scan# 812
 Delta R.T. -0.00 min
 Lab File: BF121476.D
 Acq: 31 Aug 2020 14:17

Instrument :
 BNA_F
 ClientSampleId :
 PB131281BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.7	125.8	188.6
115	57.1	46.6	69.8

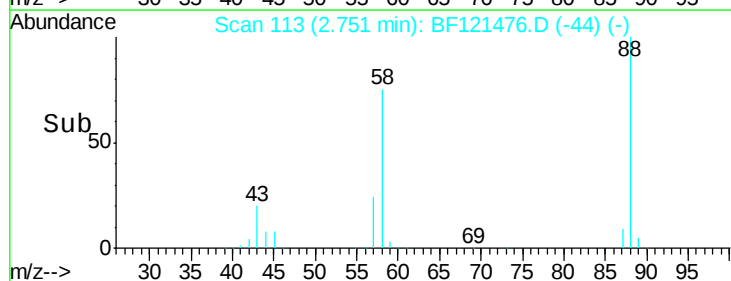
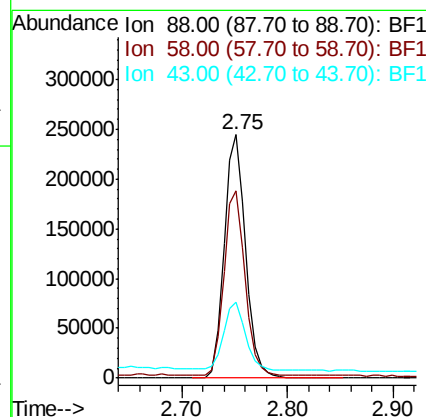
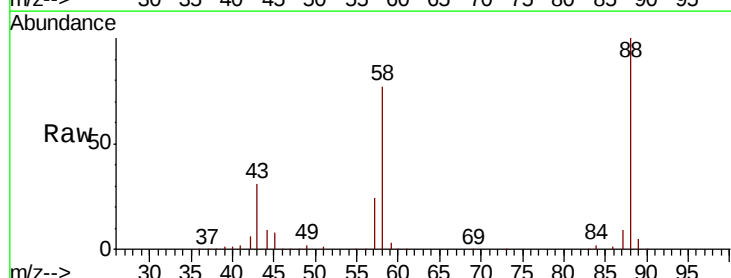
Manual Integrations
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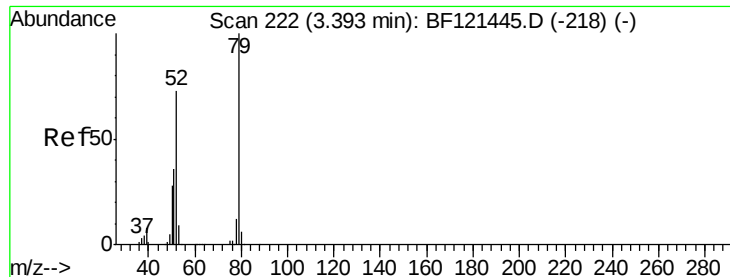
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#2
 1,4-Dioxane
 Concen: 37.458 ng
 RT: 2.75 min Scan# 113
 Delta R.T. 0.11 min
 Lab File: BF121476.D
 Acq: 31 Aug 2020 14:17

Tgt Ion	Ratio	Lower	Upper
88	100		
58	75.8	61.1	91.7
43	29.1	23.4	35.0





#3

Pvridine

Concen: 31.203 ng

RT: 3.49 min Scan# 238

Delta R.T. 0.09 min

Lab File: BF121476.D

Acq: 31 Aug 2020 14:17

Instrument :

BNA_F

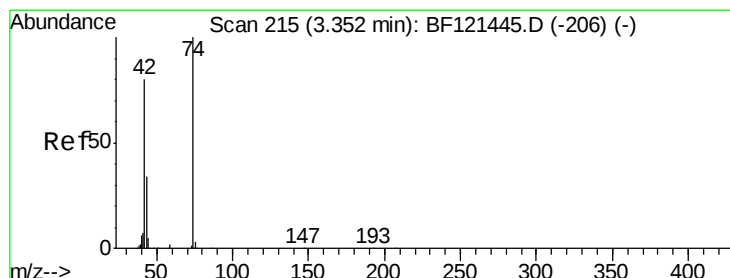
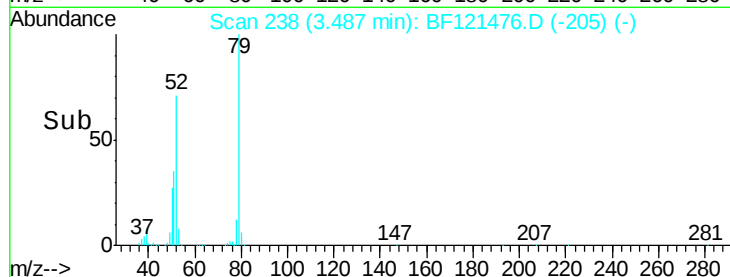
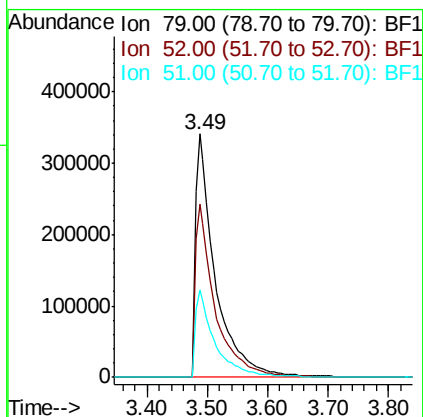
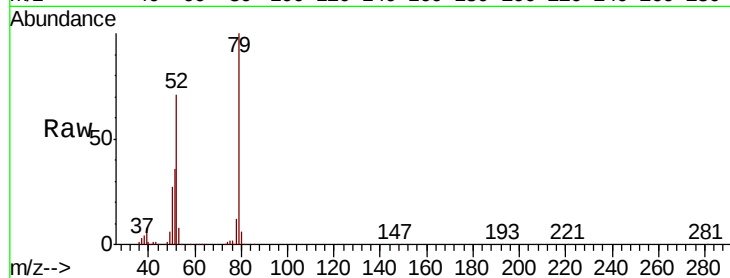
ClientSampleId :

PB131281BS

Tot Ion:	79	Resp:	775011
Ion Ratio	Lower	Upper	
79	100		
52	70.9	58.2	87.4
51	35.7	29.1	43.7

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#4

n-Nitrosodimethylamine

Concen: 36.728 ng

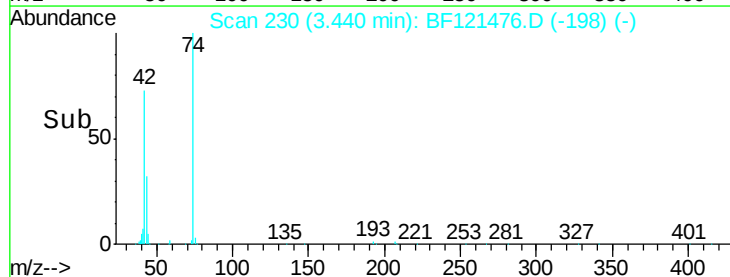
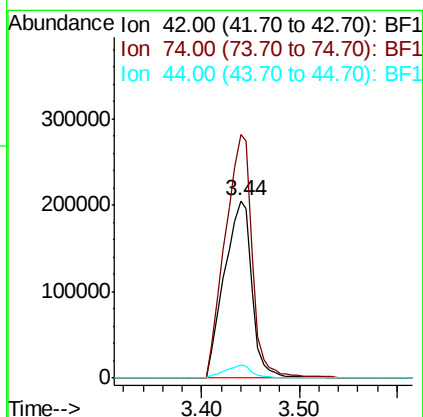
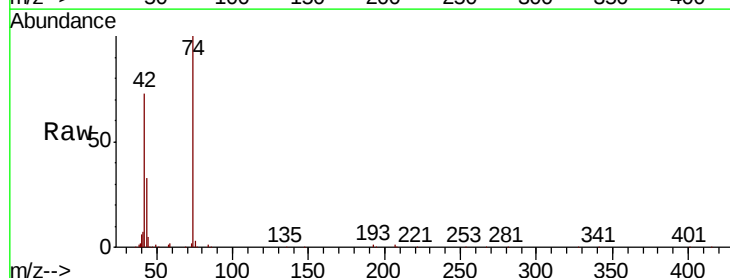
RT: 3.44 min Scan# 230

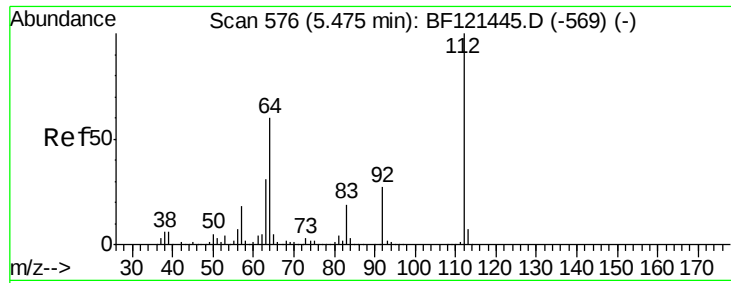
Delta R.T. 0.09 min

Lab File: BF121476.D

Acq: 31 Aug 2020 14:17

Tgt Ion:	42	Resp:	403238
Ion Ratio	Lower	Upper	
42	100		
74	137.5	100.2	150.4
44	7.2	5.4	8.0





#5

2-Fluorophenol

Concen: 101.358 ng

RT: 5.49 min Scan# 579

Delta R.T. 0.02 min

Lab File: BF121476.D

Acq: 31 Aug 2020 14:17

Instrument :

BNA_F

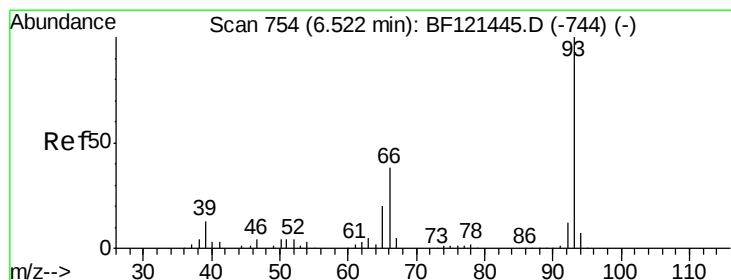
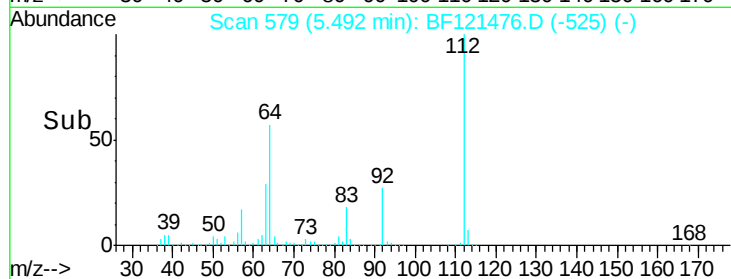
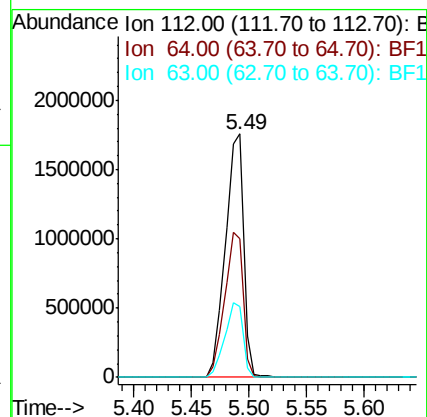
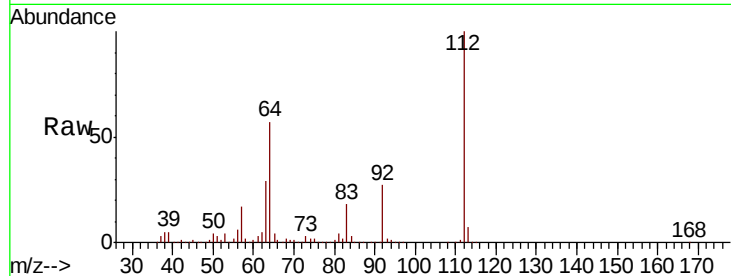
ClientSampleId :

PB131281BS

Tot Ion:	112	Resp:	1938487
Ion	Ratio	Lower	Upper
112	100		
64	57.0	48.2	72.2
63	29.3	24.8	37.2

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#6

Aniline

Concen: 31.915 ng

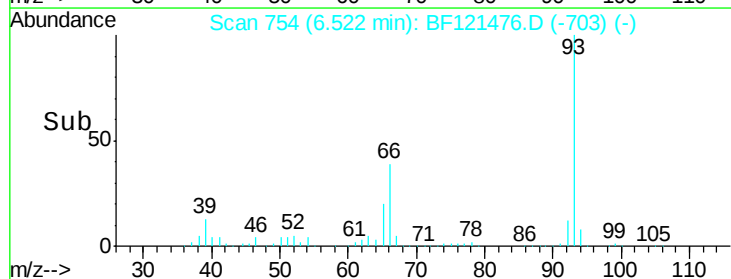
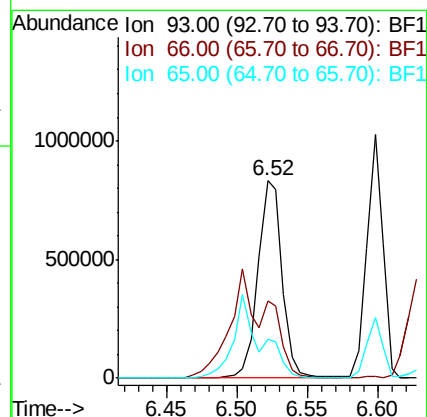
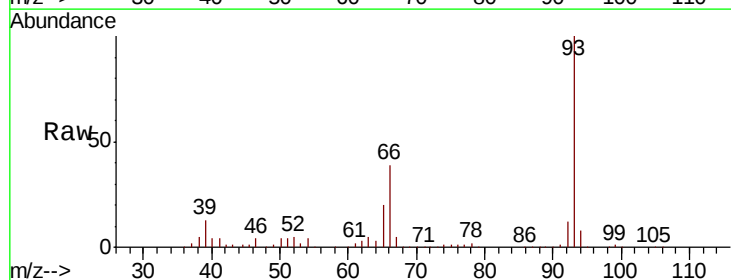
RT: 6.52 min Scan# 754

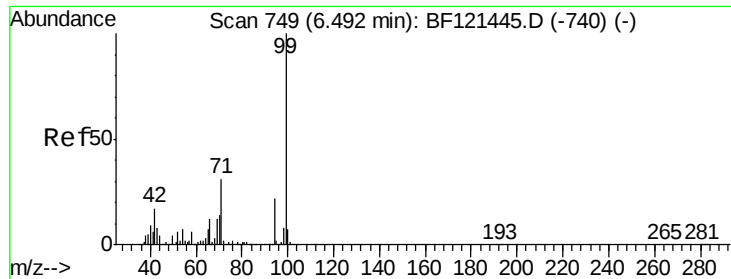
Delta R.T. -0.00 min

Lab File: BF121476.D

Acq: 31 Aug 2020 14:17

Tgt Ion:	93	Resp:	1012087
Ion	Ratio	Lower	Upper
93	100		
66	39.1	30.9	46.3
65	19.8	15.9	23.9





#7

Phenol-d6

Concen: 97.190 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.00 min

Lab File: BF121476.D

Acq: 31 Aug 2020 14:17

Instrument :

BNA_F

ClientSampleId :

PB131281BS

Tot Ion: 99 Resp: 2597581

Ion Ratio Lower Upper

99 100

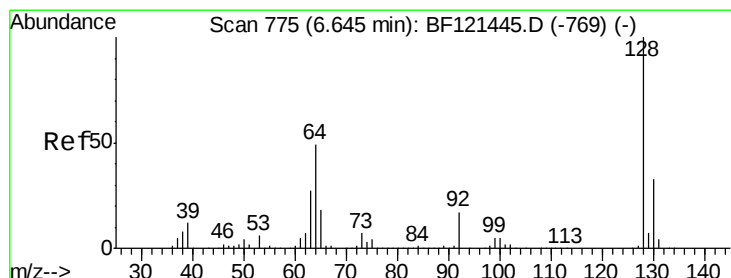
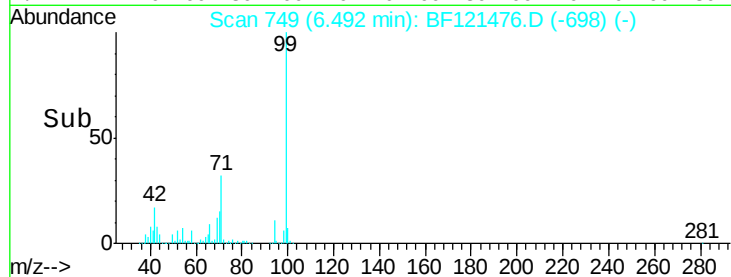
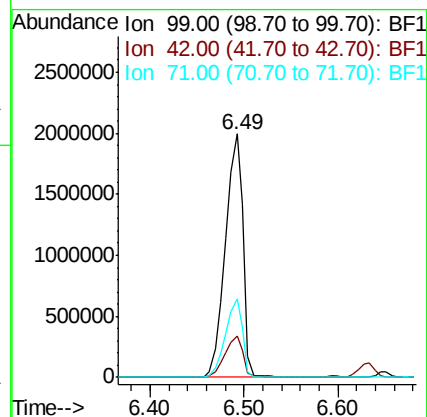
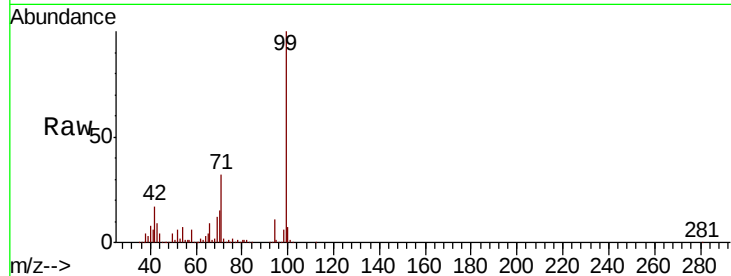
42 17.1 13.5 20.3

71 32.4 24.6 37.0

Manual Integrations
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#8

2-Chlorophenol

Concen: 42.552 ng

RT: 6.65 min Scan# 776

Delta R.T. 0.01 min

Lab File: BF121476.D

Acq: 31 Aug 2020 14:17

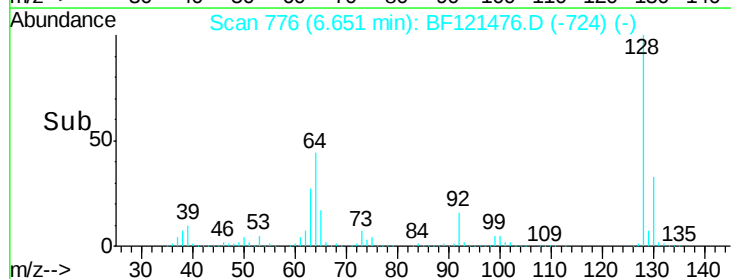
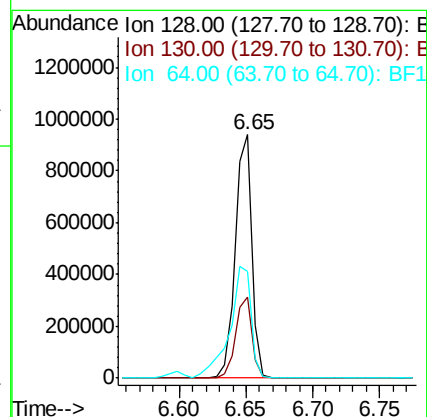
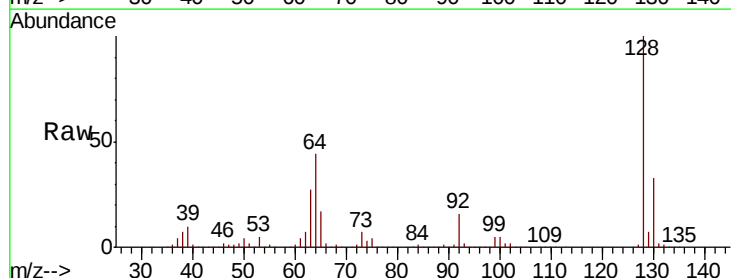
Tgt Ion: 128 Resp: 825949

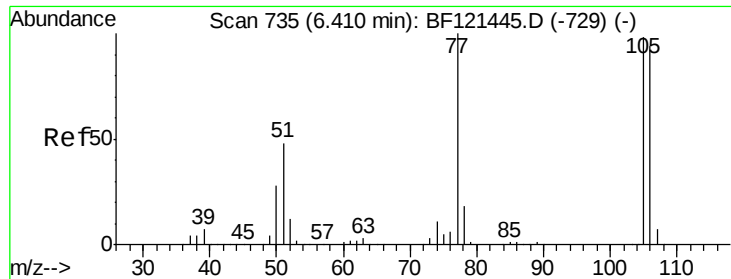
Ion Ratio Lower Upper

128 100

130 33.4 12.6 52.6

64 43.9 29.5 69.5





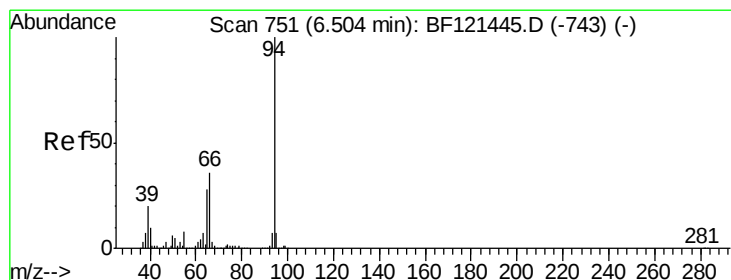
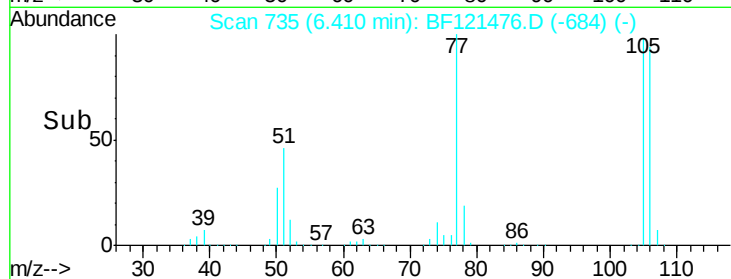
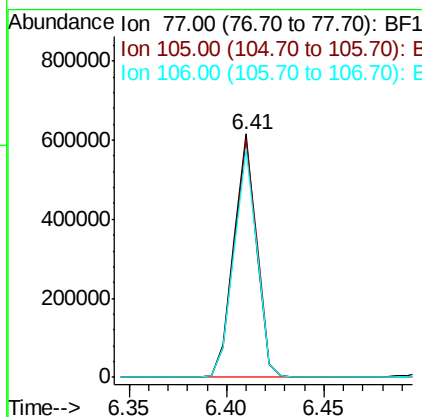
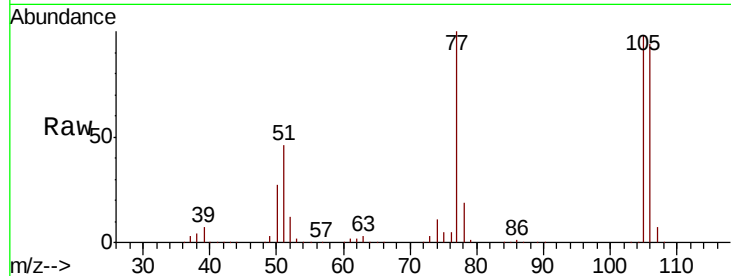
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Benzaldehyde
Concen: 36.613 ng
RT: 6.41 min Scan# 735
Delta R.T. 0.00 min
Lab File: BF121476.D
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Instrument :
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PB131281BS

Tot Ion	Ratio	Lower	Upper
77	100		
105	98.0	78.1	118.1
106	93.7	74.3	114.3

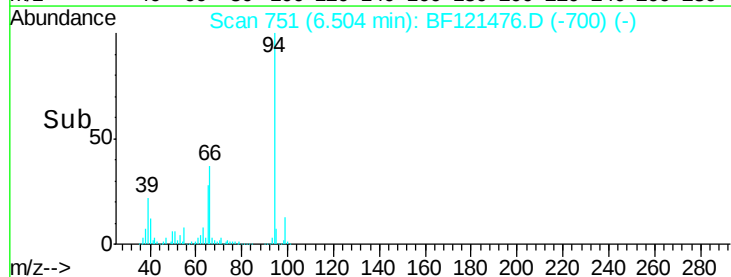
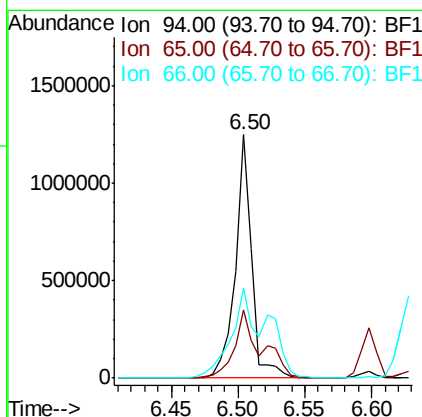
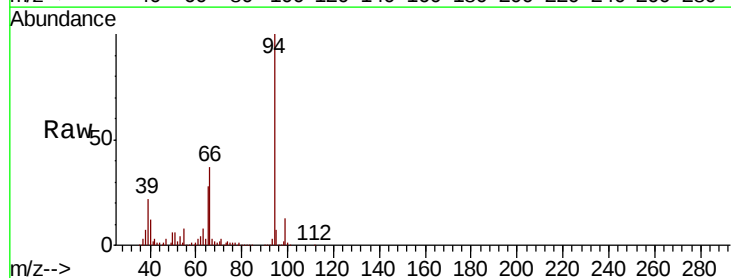
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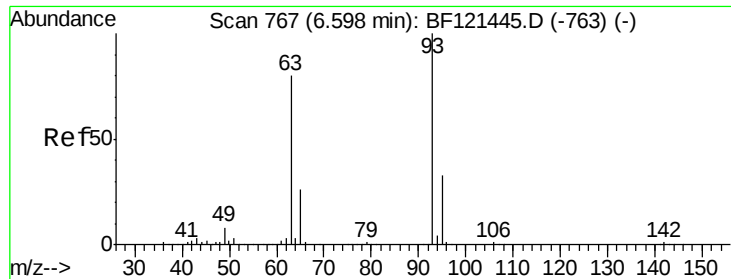
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#10
Phenol
Concen: 41.118 ng
RT: 6.50 min Scan# 751
Delta R.T. -0.00 min
Lab File: BF121476.D
Acq: 31 Aug 2020 14:17

Tgt Ion	Ratio	Lower	Upper
94	100		
65	28.1	7.9	47.9
66	36.8	16.0	56.0





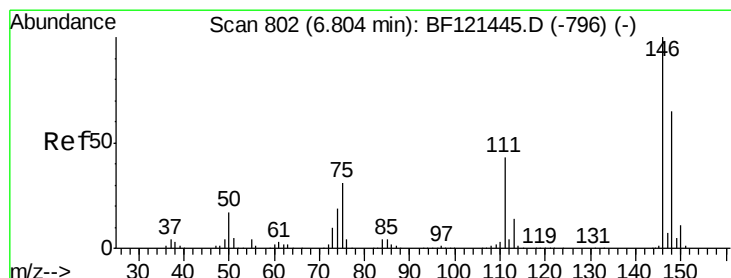
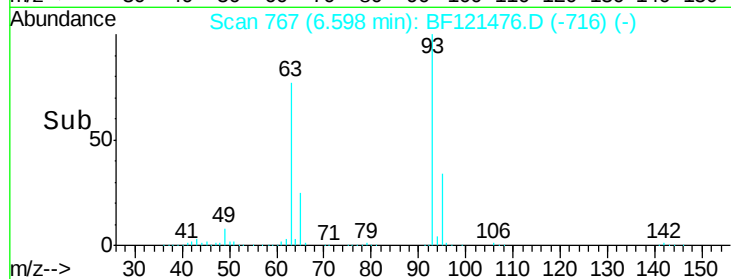
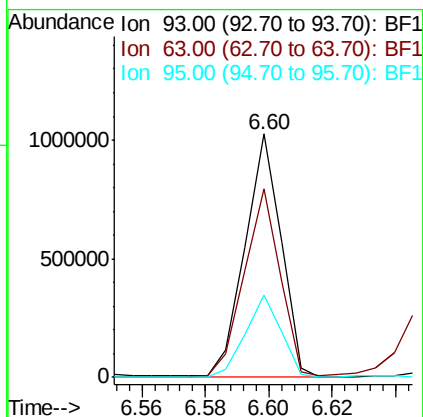
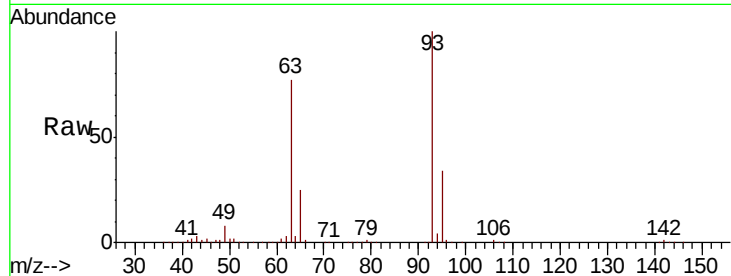
#11
bis(2-Chloroethyl)ether
Concen: 37.978 ng
RT: 6.60 min Scan# 767
Delta R.T. -0.00 min
Lab File: BF121476.D
Acq: 31 Aug 2020 14:17

Instrument :
BNA_F
ClientSampleId :
PB131281BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	77.2	59.3	99.3
95	33.7	13.0	53.0

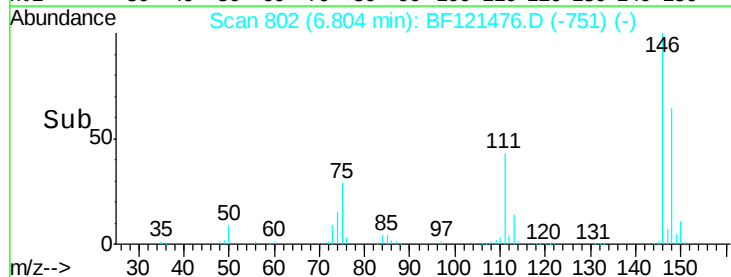
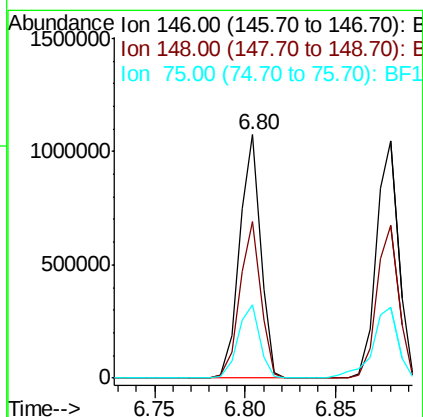
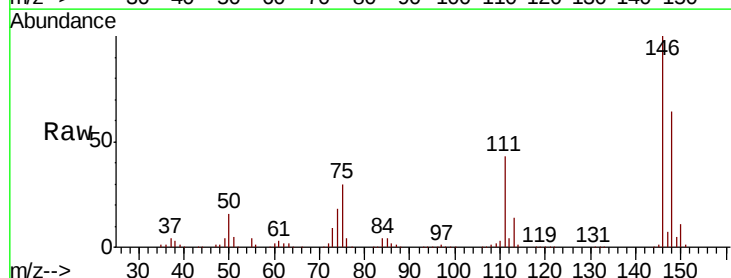
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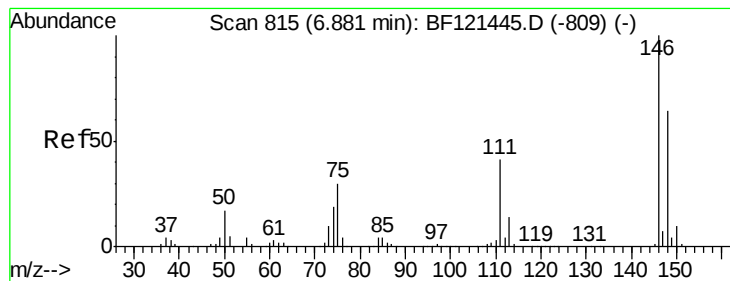
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#12
1,3-Dichlorobenzene
Concen: 36.995 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.00 min
Lab File: BF121476.D
Acq: 31 Aug 2020 14:17

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.3	52.1	78.1
75	29.9	24.9	37.3





#13

1,4-Dichlorobenzene

Concen: 37.721 ng

RT: 6.88 min Scan# 815

Delta R.T. -0.00 min

Lab File: BF121476.D

Acq: 31 Aug 2020 14:17

Instrument :

BNA_F

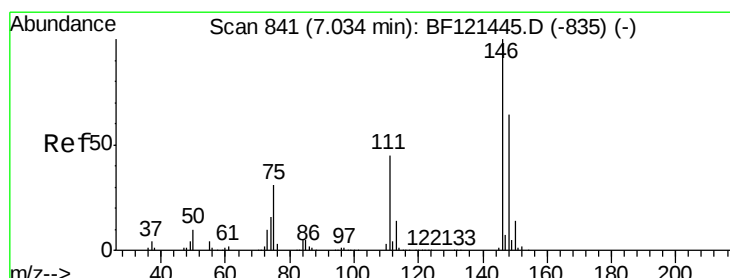
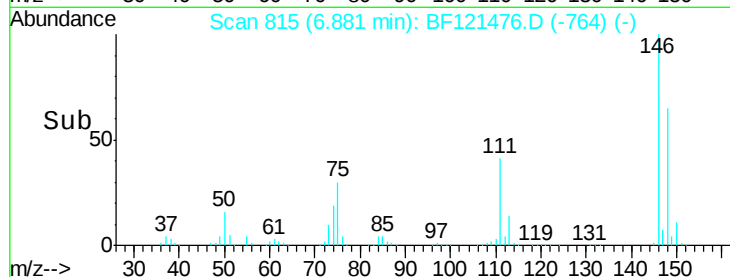
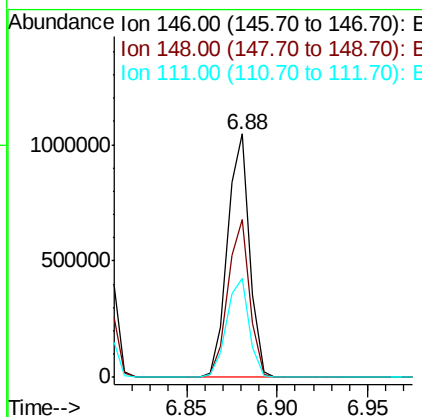
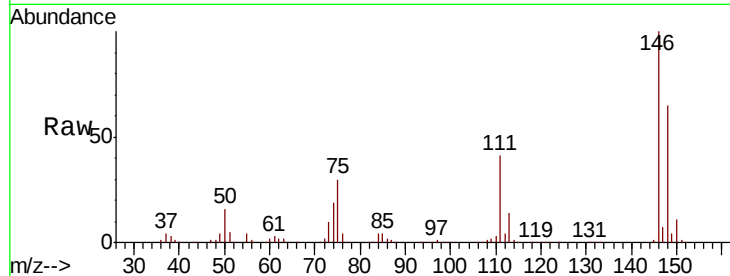
ClientSampleId :

PB131281BS

Tot Ion:	146	Resp:	883507
Ion Ratio	Lower	Upper	
146	100		
148	64.6	51.2	76.8
111	40.8	33.0	49.6

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#14

1,2-Dichlorobenzene

Concen: 37.155 ng

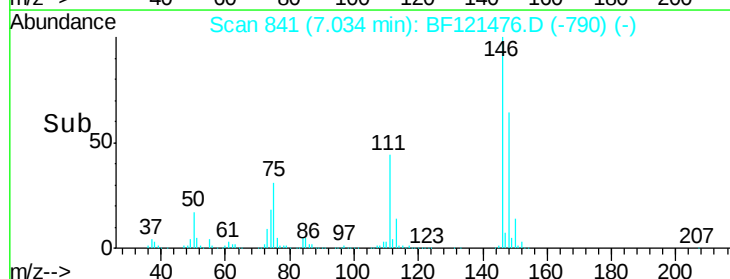
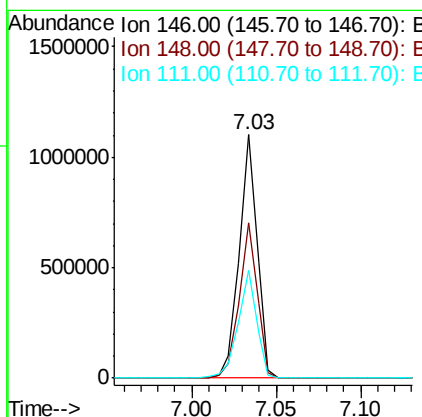
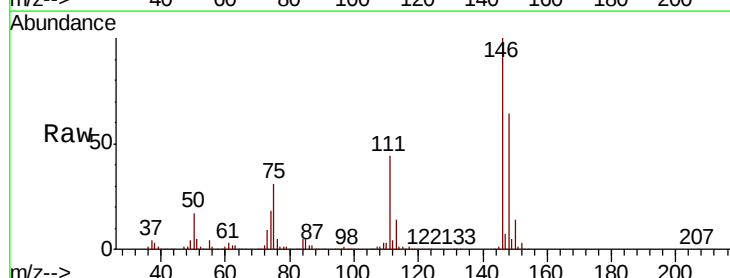
RT: 7.03 min Scan# 841

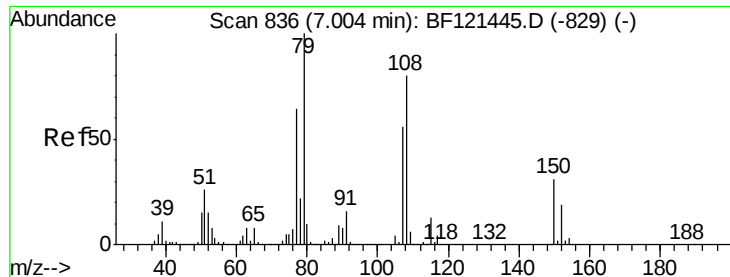
Delta R.T. -0.00 min

Lab File: BF121476.D

Acq: 31 Aug 2020 14:17

Tgt Ion:	146	Resp:	810326
Ion Ratio	Lower	Upper	
146	100		
148	64.0	51.1	76.7
111	44.1	36.2	54.2





#15

Benzyl Alcohol

Concen: 40.663 ng

RT: 7.00 min Scan# 836

Delta R.T. -0.00 min

Lab File: BF121476.D

Acq: 31 Aug 2020 14:17

Instrument :

BNA_F

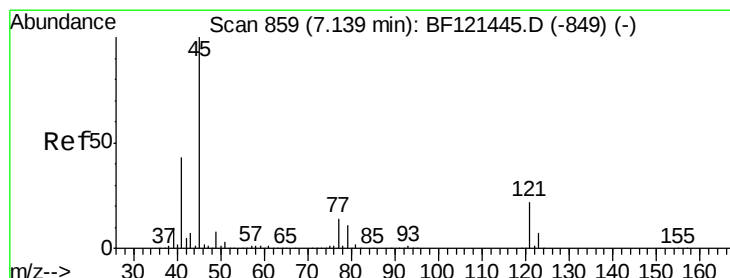
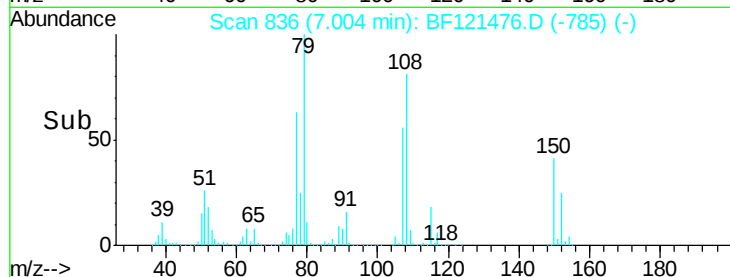
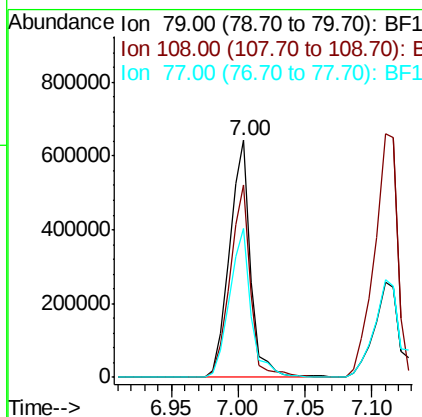
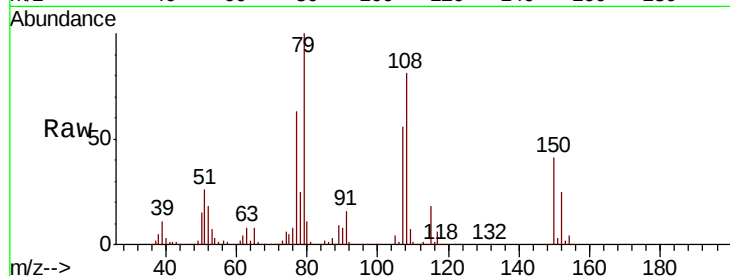
ClientSampleId :

PB131281BS

Tot Ion:	79	Resp:	713313
Ion Ratio	Lower	Upper	
79	100		
108	81.3	64.0	96.0
77	62.9	50.8	76.2

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#16

2,2'-oxybis(1-chloropropane)

Concen: 36.487 ng

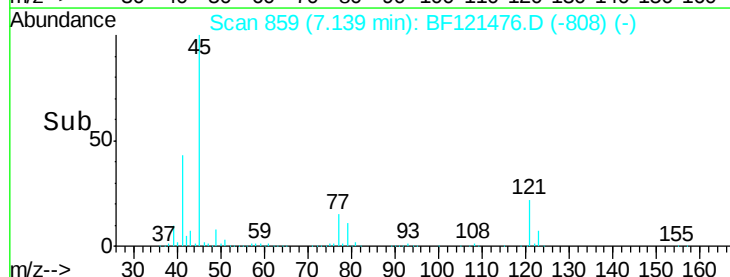
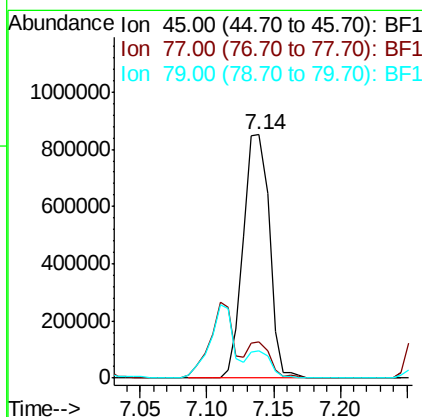
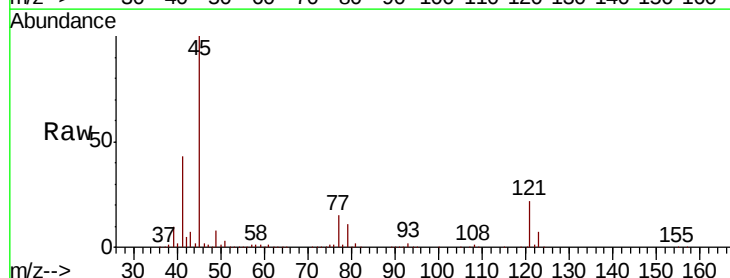
RT: 7.14 min Scan# 859

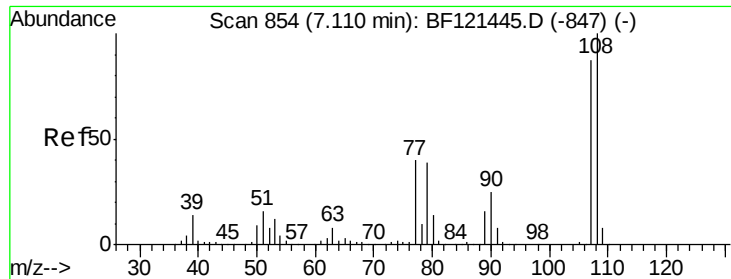
Delta R.T. -0.00 min

Lab File: BF121476.D

Acq: 31 Aug 2020 14:17

Tgt Ion:	45	Resp:	1148215
Ion Ratio	Lower	Upper	
45	100		
77	14.8	0.0	33.8
79	11.5	0.0	31.1





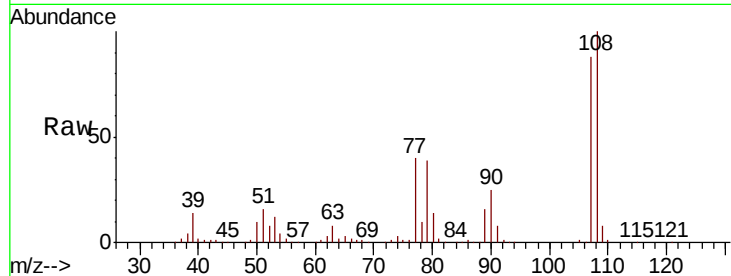
#17
2-Methylphenol
Concen: 40.784 ng
RT: 7.11 min Scan# 854
Delta R.T. -0.00 min
Lab File: BF121476.D
Acq: 31 Aug 2020 14:17

Instrument :
BNA_F
ClientSampleId :
PB131281BS

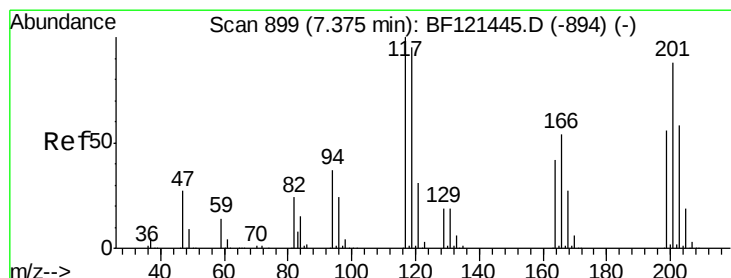
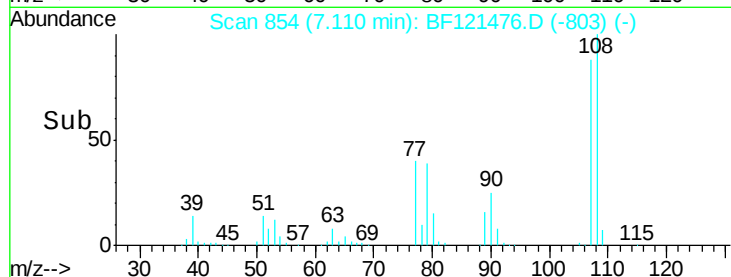
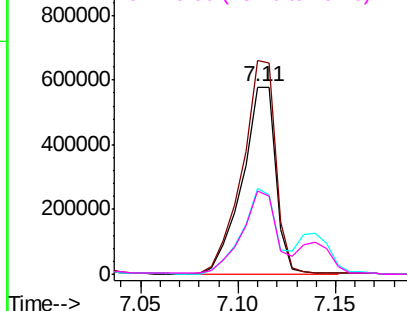
Tot Ion	107	Resp	688787
Ion	Ratio	Lower	Upper
107	100		
108	113.9	91.7	137.5
77	45.7	36.4	54.6
79	44.4	35.5	53.3

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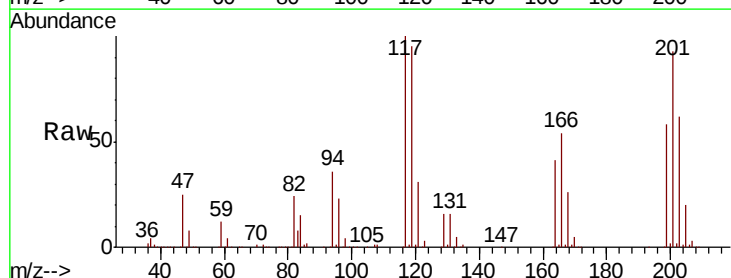


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

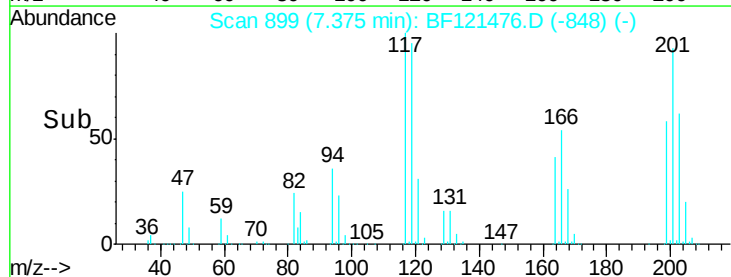
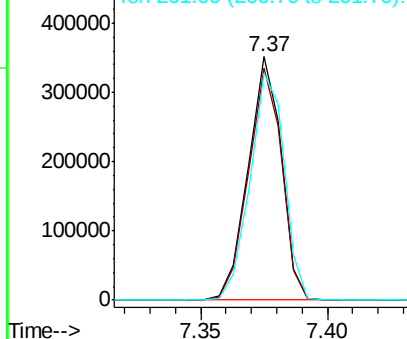


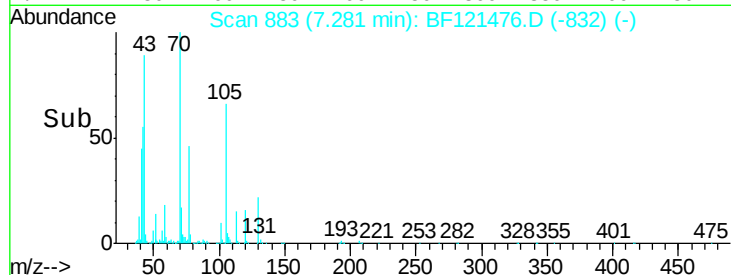
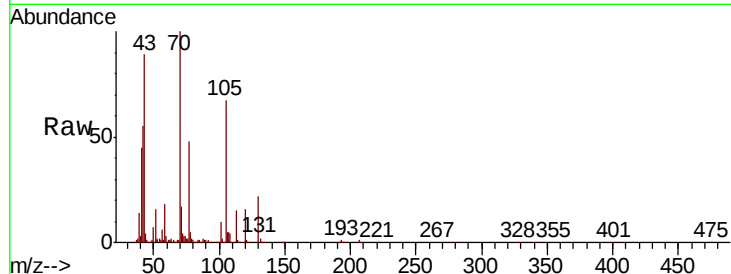
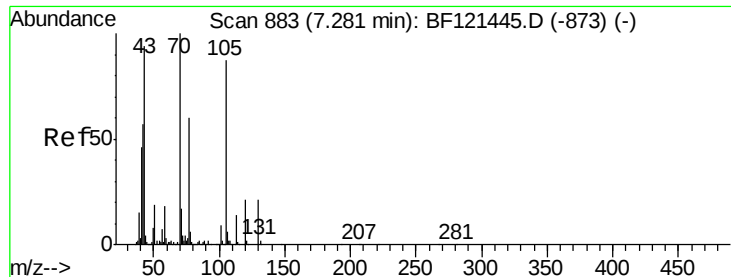
#18
Hexachloroethane
Concen: 39.962 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.00 min
Lab File: BF121476.D
Acq: 31 Aug 2020 14:17

Tgt Ion	117	Resp	320327
Ion	Ratio	Lower	Upper
117	100		
119	95.3	75.8	113.8
201	93.0	70.4	105.6



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





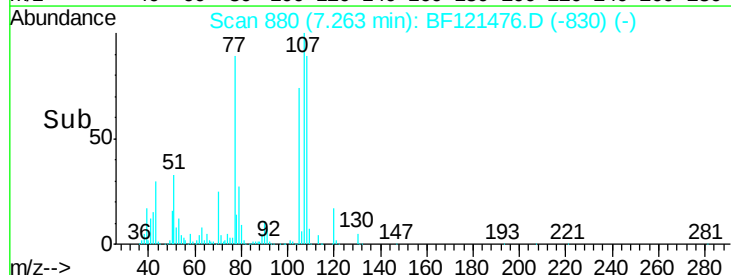
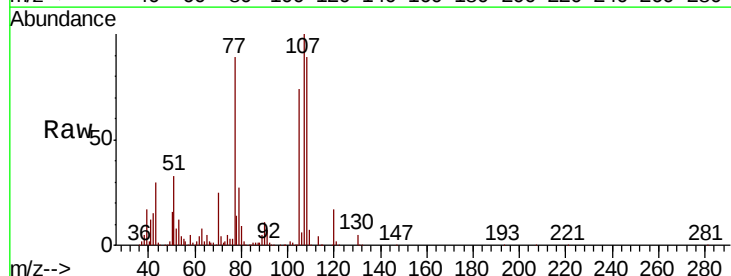
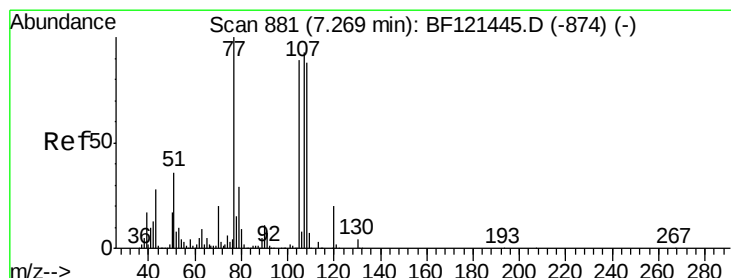
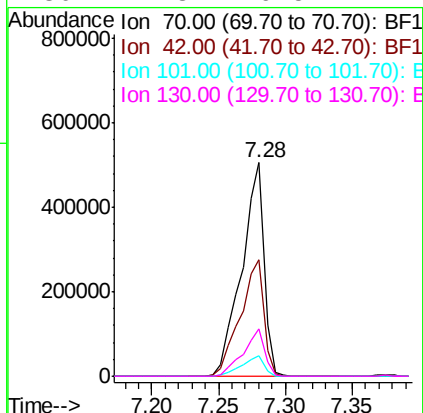
#19
n-Nitroso-di-n-propylamine
Concen: 39.301 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.00 min
Lab File: BF121476.D
Acq: 31 Aug 2020 14:17

Instrument :
BNA_F
ClientSampleId :
PB131281BS

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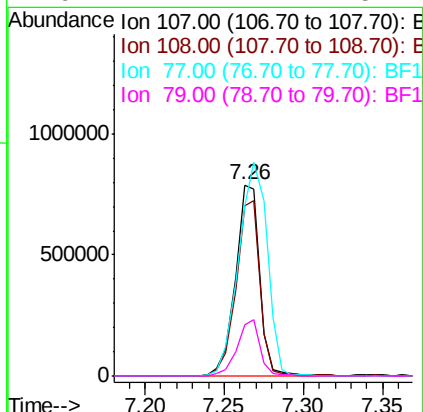
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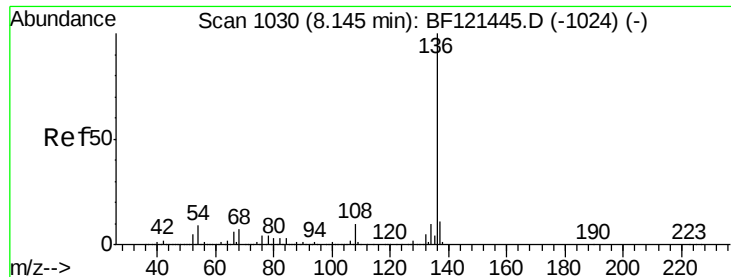
Tot Ion	Ratio	Lower	Upper
70	100		
42	54.8	45.8	68.6
101	9.7	7.5	11.3
130	22.3	16.5	24.7



#20
3+4-Methylphenols
Concen: 40.482 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.01 min
Lab File: BF121476.D
Acq: 31 Aug 2020 14:17

Tgt Ion	Ratio	Lower	Upper
107	100		
108	89.3	75.0	115.0
77	88.8	87.5	127.5
79	27.1	11.1	51.1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.15 min Scan# 1030

Delta R.T. -0.00 min

Lab File: BF121476.D

Acq: 31 Aug 2020 14:17

Instrument :

BNA_F

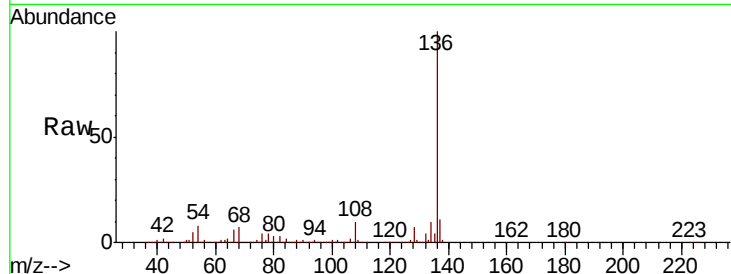
ClientSampleId :

PB131281BS

Tot Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.1	13.7
54	8.2	7.0	10.4
68	6.8	5.5	8.3

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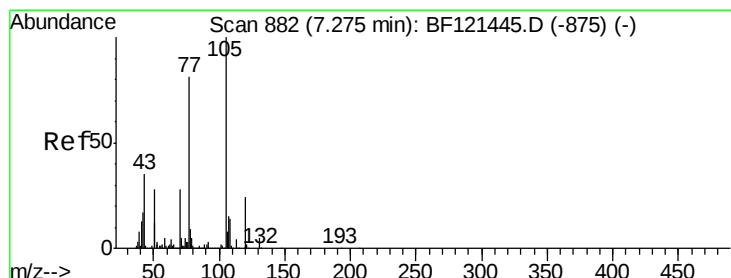
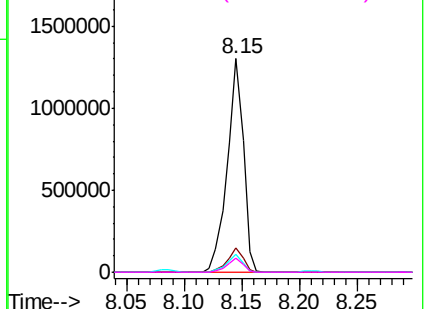
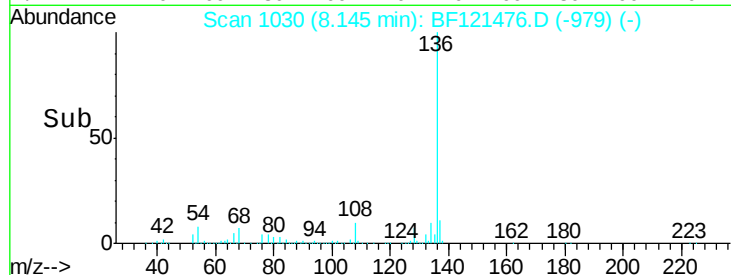
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 35.654 ng

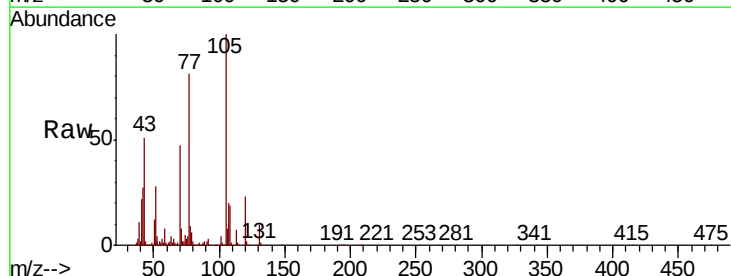
RT: 7.27 min Scan# 882

Delta R.T. -0.00 min

Lab File: BF121476.D

Acq: 31 Aug 2020 14:17

Tgt Ion	Ratio	Lower	Upper
105	100		
71	8.0	3.8	5.6#
51	27.6	22.6	33.8
120	22.8	18.9	28.3



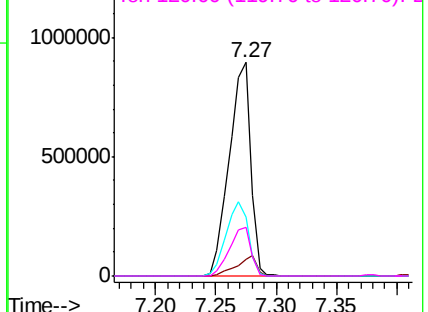
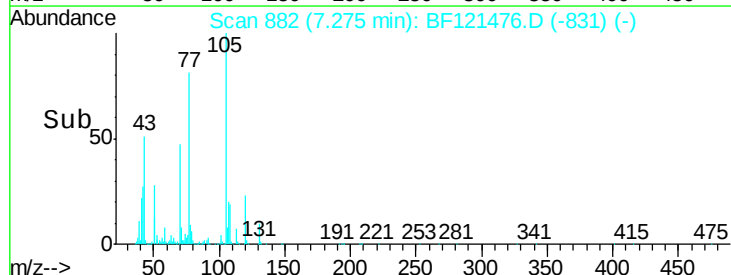
Abundance

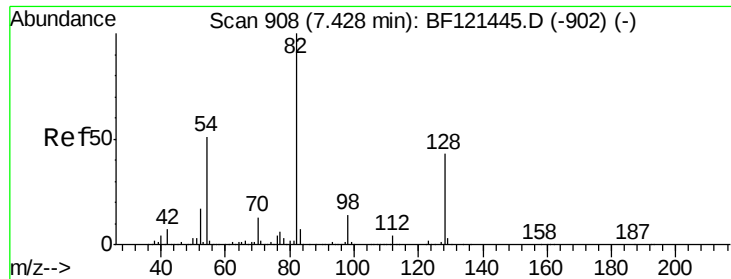
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E





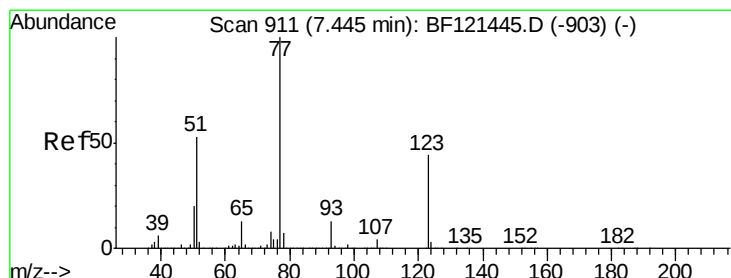
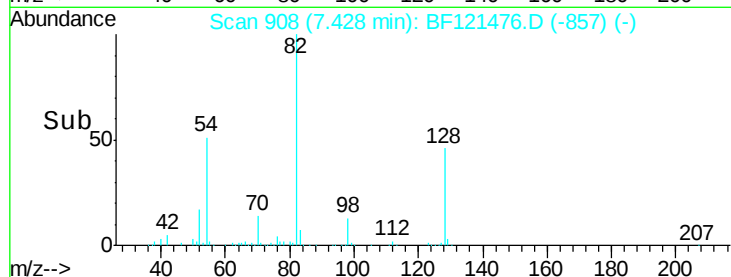
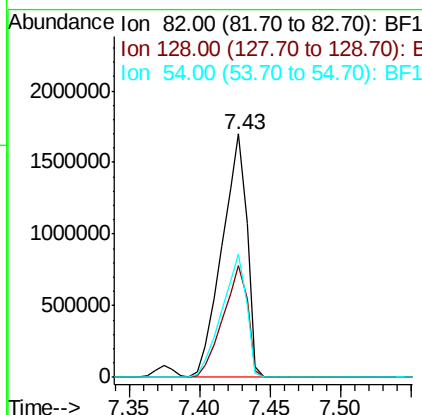
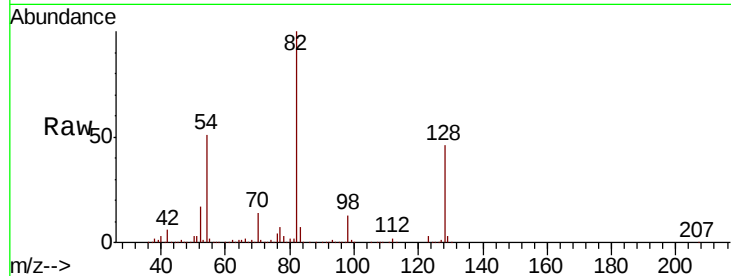
#23
 Nitrobenzene-d5
 Concen: 112.502 ng
 RT: 7.43 min Scan# 908
 Delta R.T. 0.00 min
 Lab File: BF121476.D
 Acq: 31 Aug 2020 14:17

Instrument :
 BNA_F
 ClientSampleId :
 PB131281BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	45.8	34.1	51.1
54	50.5	41.0	61.6

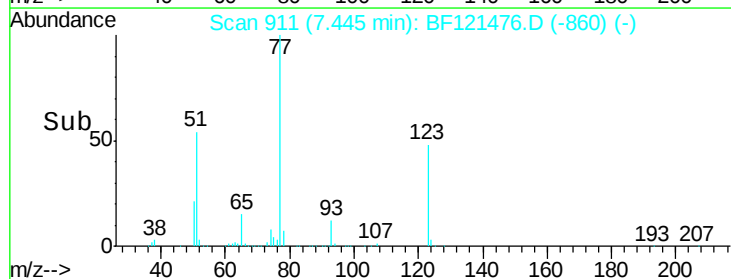
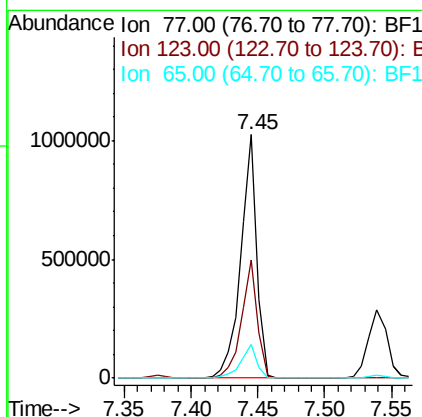
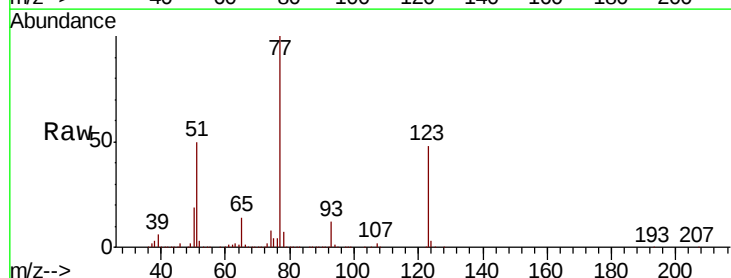
Manual Integrations
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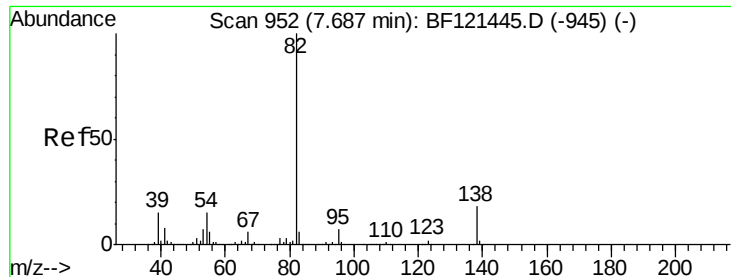
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#24
 Nitrobenzene
 Concen: 46.344 ng
 RT: 7.45 min Scan# 911
 Delta R.T. -0.00 min
 Lab File: BF121476.D
 Acq: 31 Aug 2020 14:17

Tgt Ion	Ratio	Lower	Upper
77	100		
123	48.3	35.5	53.3
65	13.6	10.6	16.0





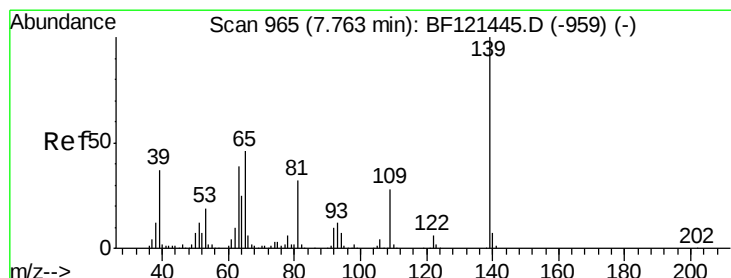
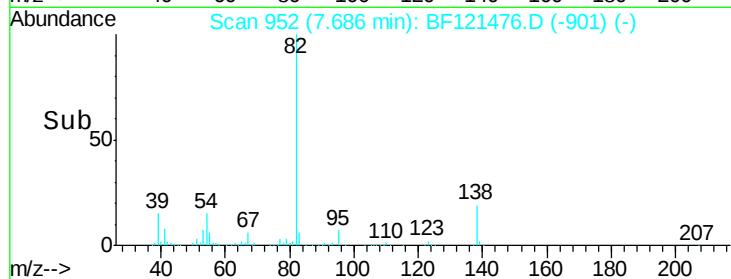
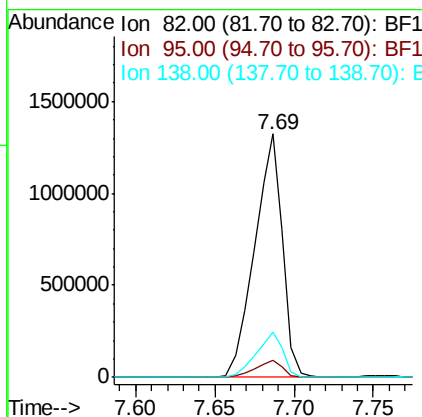
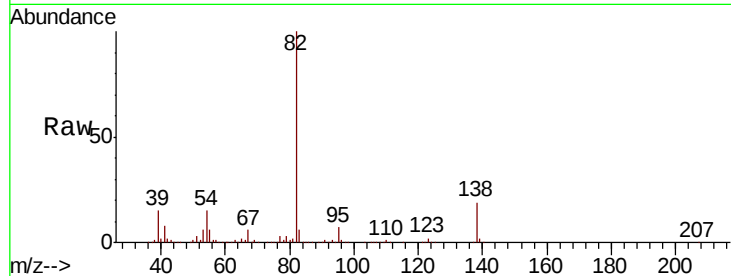
#25
Isophorone
Concen: 38.750 ng
RT: 7.69 min Scan# 952
Delta R.T. -0.00 min
Lab File: BF121476.D
Acq: 31 Aug 2020 14:17

Instrument :
BNA_F
ClientSampleId :
PB131281BS

Tot Ion	Ratio	Lower	Upper
82	100		
95	6.9	5.6	8.4
138	18.8	14.8	22.2

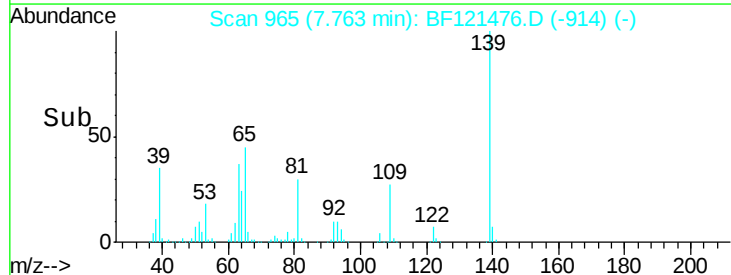
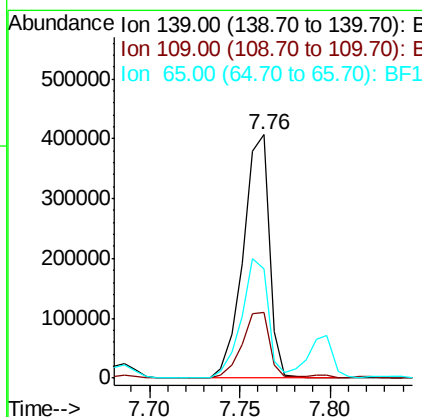
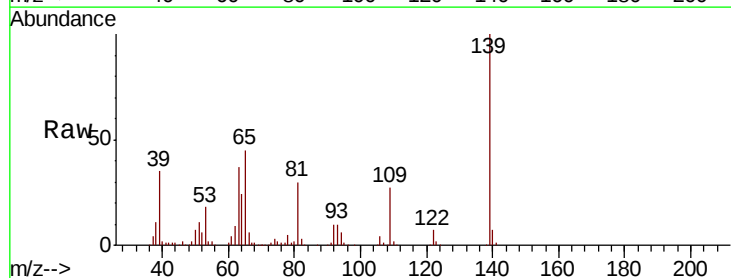
Manual Integrations
APPROVED

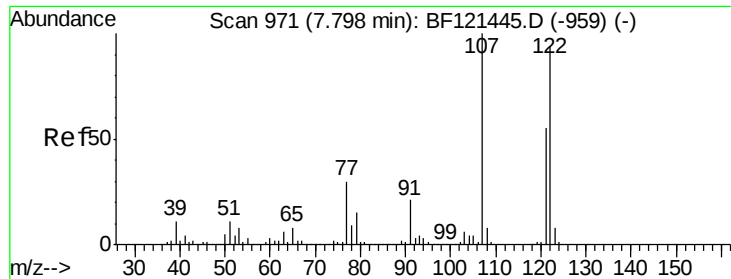
mohammad
9/2/2020 1:55:32 PM



#26
2-Nitrophenol
Concen: 51.148 ng
RT: 7.76 min Scan# 965
Delta R.T. 0.00 min
Lab File: BF121476.D
Acq: 31 Aug 2020 14:17

Tgt Ion	Ratio	Lower	Upper
139	100		
109	26.9	22.1	33.1
65	44.7	37.2	55.8





#27

2,4-Dimethylphenol

Concen: 45.250 ng

RT: 7.80 min Scan# 971

Delta R.T. -0.00 min

Lab File: BF121476.D

Acq: 31 Aug 2020 14:17

Instrument :

BNA_F

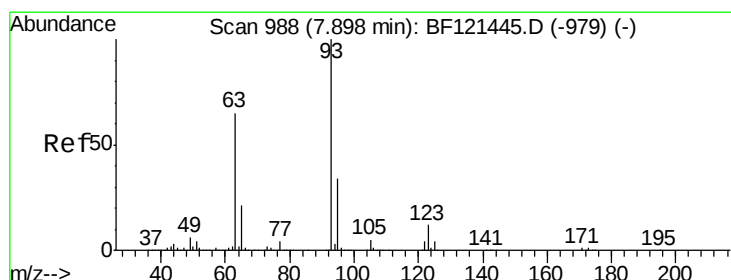
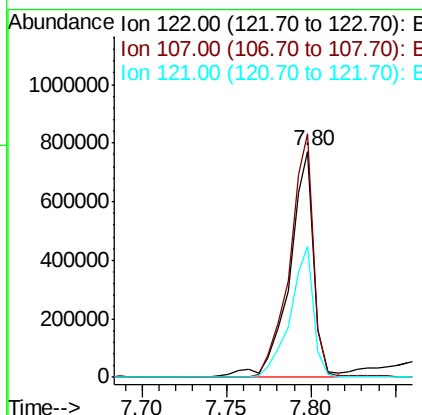
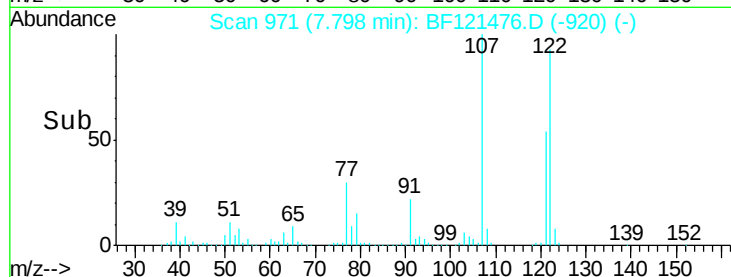
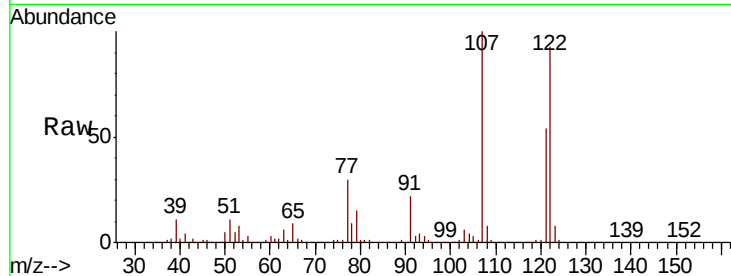
ClientSampleId :

PB131281BS

Tot Ion:	122	Resp:	780197
Ion Ratio	Lower	Upper	
122	100		
107	107.8	84.9	127.3
121	58.0	46.4	69.6

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#28

bis(2-Chloroethoxy)methane

Concen: 36.213 ng

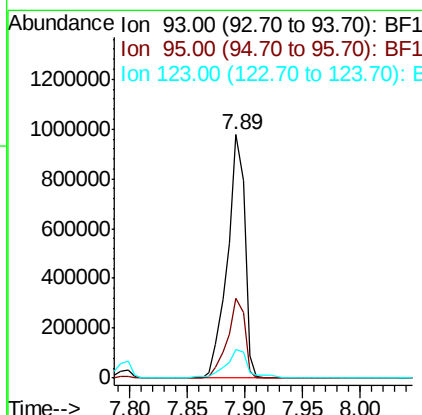
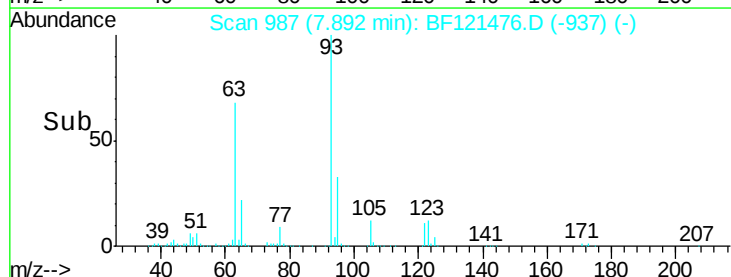
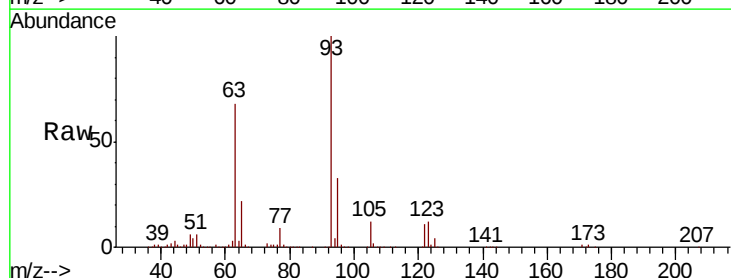
RT: 7.89 min Scan# 987

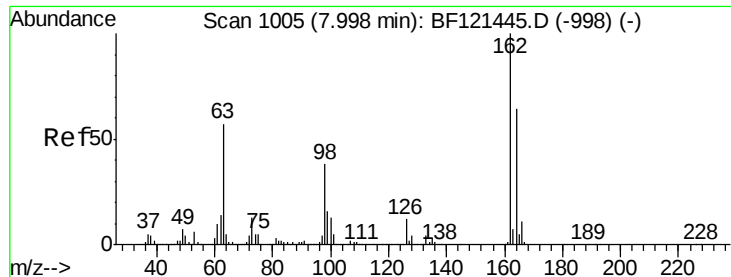
Delta R.T. -0.01 min

Lab File: BF121476.D

Acq: 31 Aug 2020 14:17

Tgt Ion:	93	Resp:	1023680
Ion Ratio	Lower	Upper	
93	100		
95	33.0	26.8	40.2
123	11.6	9.6	14.4





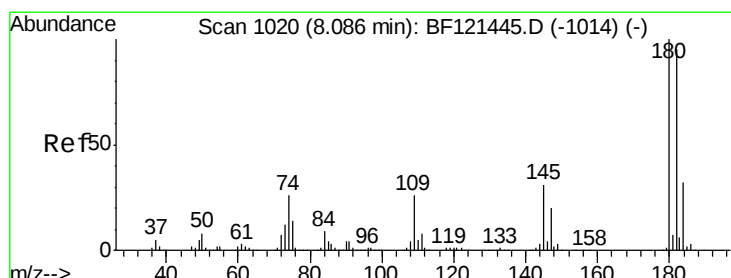
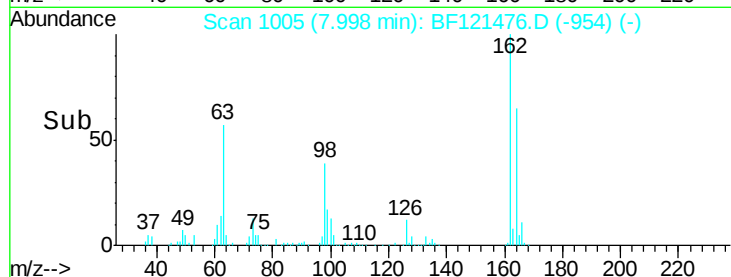
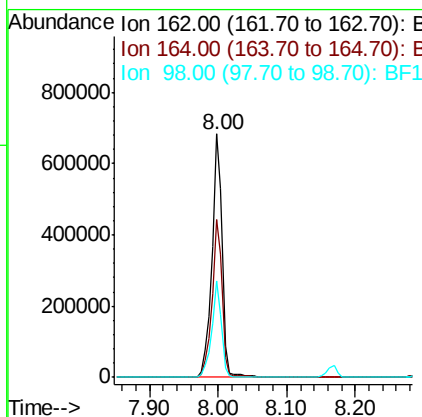
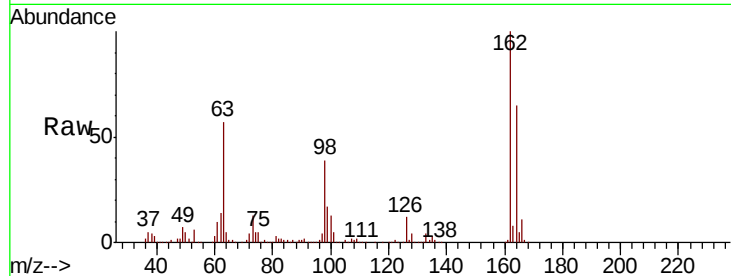
#29
 2,4-Dichlorophenol
 Concen: 41.393 ng
 RT: 8.00 min Scan# 1005
 Delta R.T. -0.00 min
 Lab File: BF121476.D
 Acq: 31 Aug 2020 14:17

Instrument :
 BNA_F
 ClientSampleId :
 PB131281BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	704689		
164	64.7	44.0	84.0	
98	39.4	18.4	58.4	

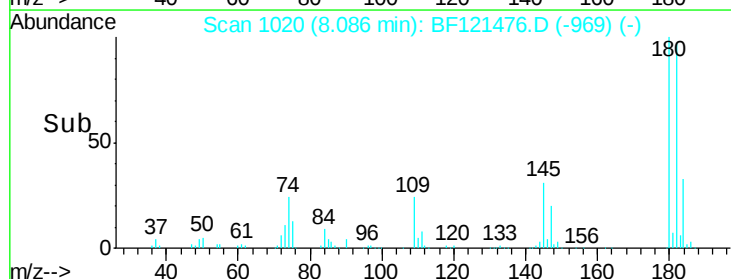
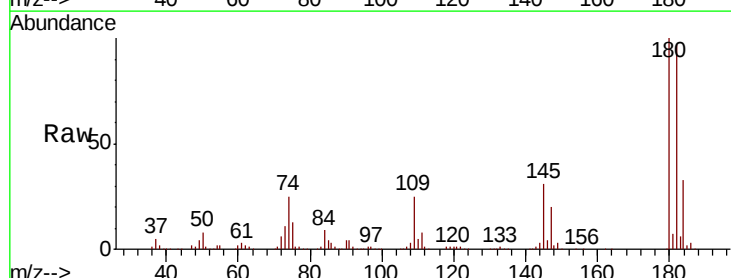
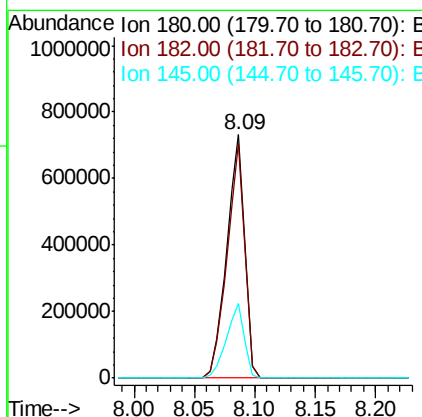
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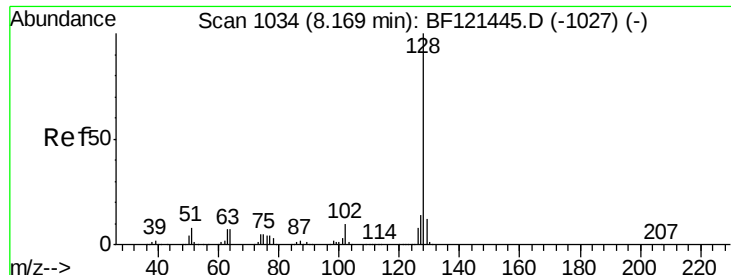
mohammad
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#30
 1,2,4-Trichlorobenzene
 Concen: 36.086 ng
 RT: 8.09 min Scan# 1020
 Delta R.T. -0.00 min
 Lab File: BF121476.D
 Acq: 31 Aug 2020 14:17

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	752578		
182	96.5	76.2	114.4	
145	30.8	25.2	37.8	





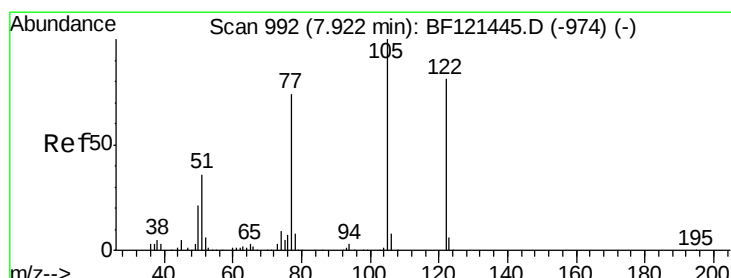
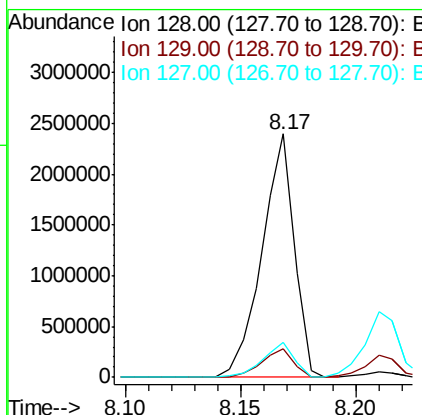
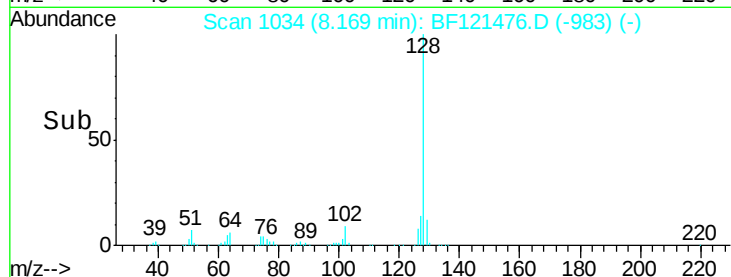
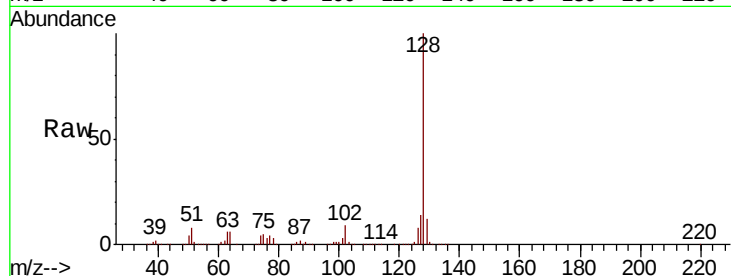
#31
Naphthalene
Concen: 37.264 ng
RT: 8.17 min Scan# 1034
Delta R.T. -0.00 min
Lab File: BF121476.D
Acq: 31 Aug 2020 14:17

Instrument :
BNA_F
ClientSampleId :
PB131281BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.8	9.6	14.4
127	14.2	11.4	17.2

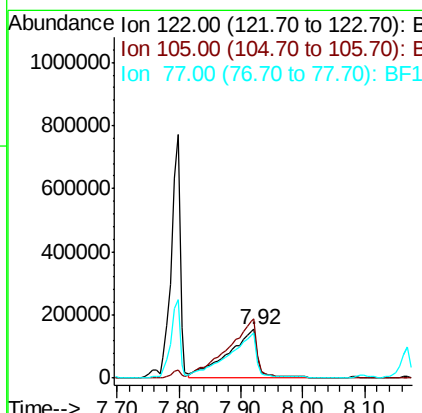
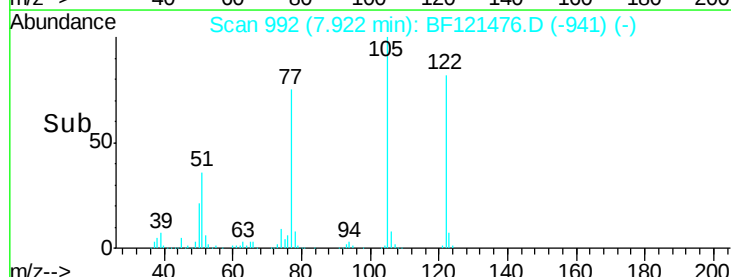
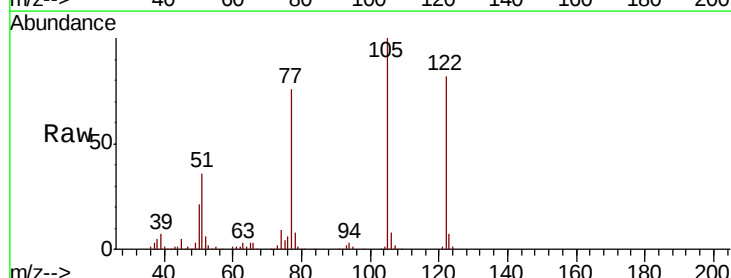
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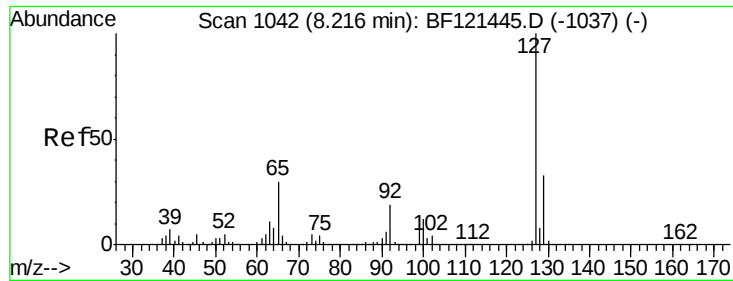
mohammad
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#32
Benzoic acid
Concen: 48.708 ng
RT: 7.92 min Scan# 992
Delta R.T. 0.00 min
Lab File: BF121476.D
Acq: 31 Aug 2020 14:17

Tgt Ion	Ratio	Lower	Upper
122	100		
105	121.3	100.8	140.8
77	92.0	71.5	111.5





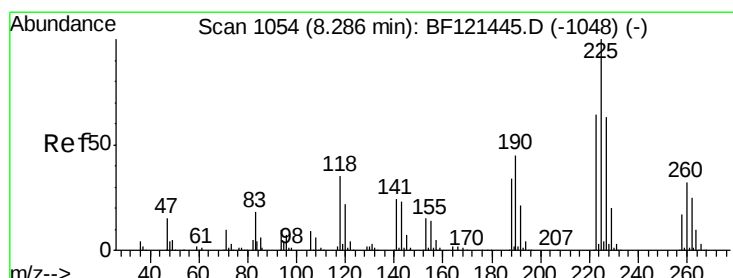
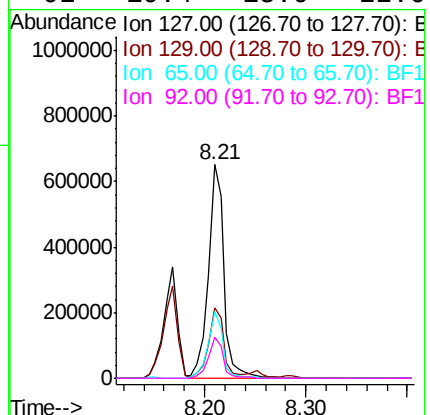
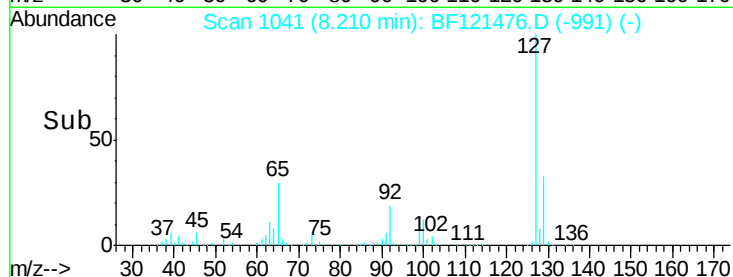
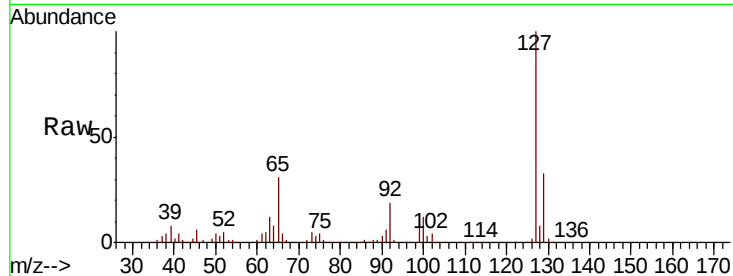
#33
4-Chloroaniline
Concen: 24.640 ng
RT: 8.21 min Scan# 1041
Delta R.T. -0.01 min
Lab File: BF121476.D
Acq: 31 Aug 2020 14:17

Instrument :
BNA_F
ClientSampleId :
PB131281BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		688449		
129	32.8	26.1	39.1		
65	31.1	23.7	35.5		
92	19.4	15.0	22.6		

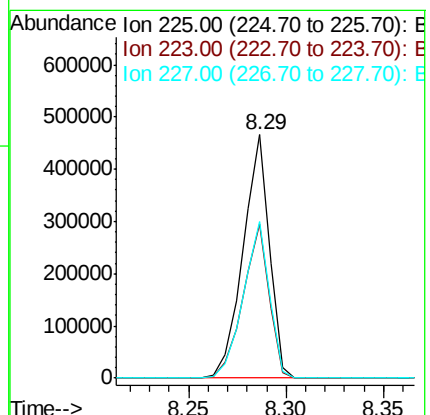
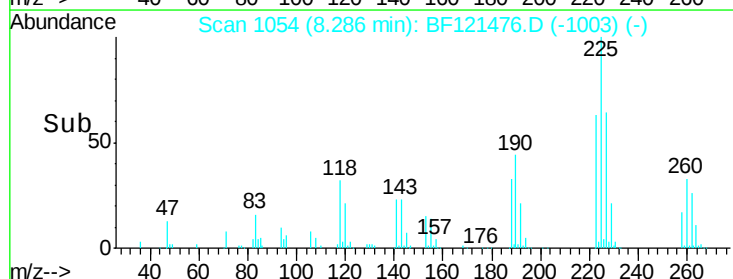
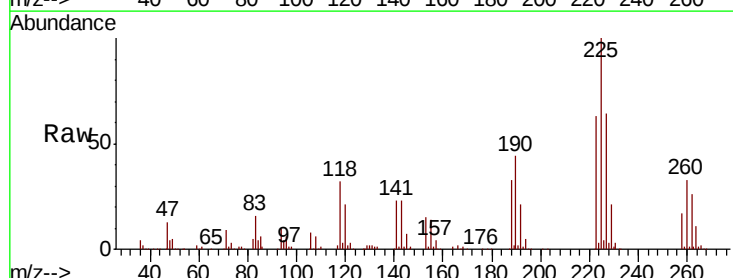
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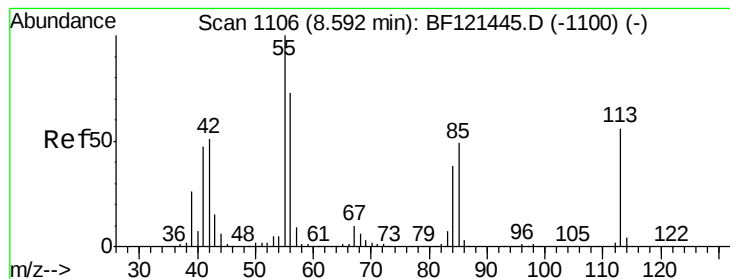
mohammad
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#34
Hexachlorobutadiene
Concen: 35.089 ng
RT: 8.29 min Scan# 1054
Delta R.T. -0.00 min
Lab File: BF121476.D
Acq: 31 Aug 2020 14:17

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		435179		
223	63.2	51.0	76.4		
227	64.1	50.0	75.0		





#35

Caprolactam

Concen: 40.671 ng/ml

RT: 8.59 min Scan# 1105

Delta R.T. -0.01 min

Lab File: BF121476.D

Acq: 31 Aug 2020 14:17

Instrument :

BNA_F

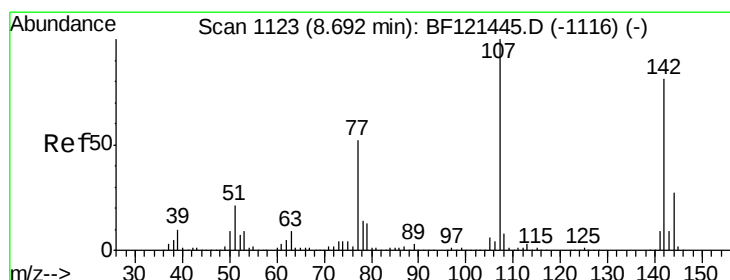
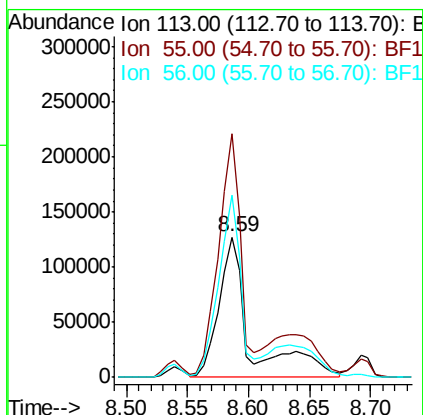
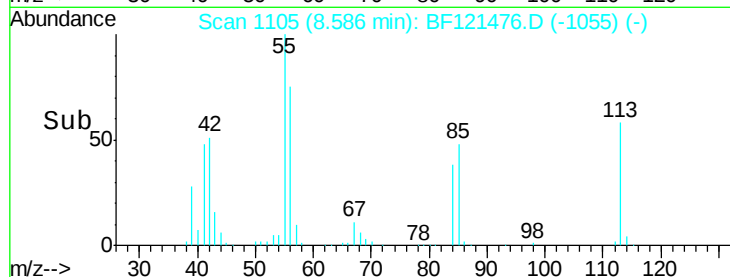
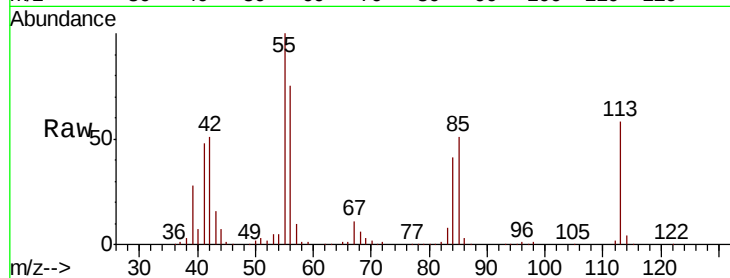
ClientSampleId :

PB131281BS

Tot Ion:	113	Resp:	225824
Ion Ratio	Lower	Upper	
113	100		
55	173.8	159.9	199.9
56	130.2	111.4	151.4

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#36

4-Chloro-3-methylphenol

Concen: 40.457 ng/ml

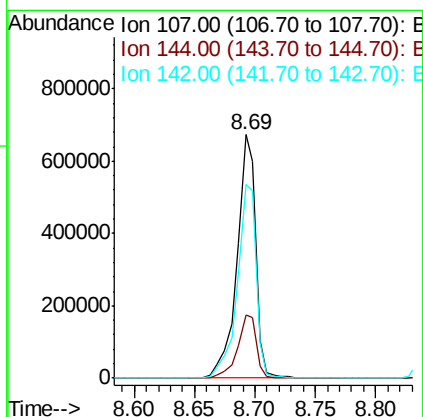
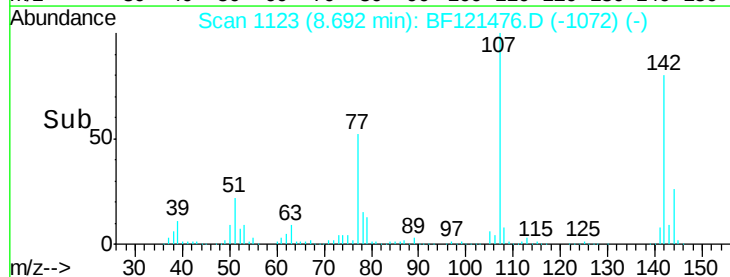
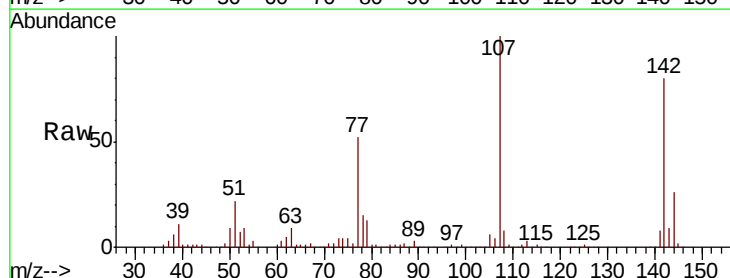
RT: 8.69 min Scan# 1123

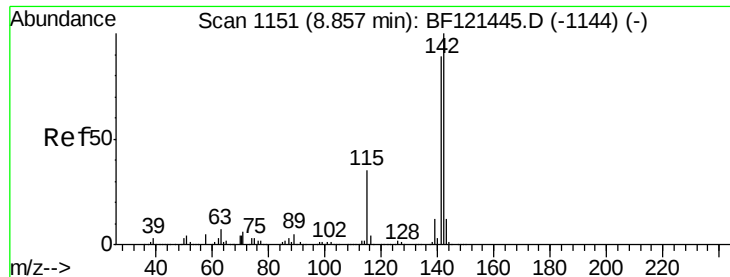
Delta R.T. -0.00 min

Lab File: BF121476.D

Acq: 31 Aug 2020 14:17

Tgt Ion:	107	Resp:	726187
Ion Ratio	Lower	Upper	
107	100		
144	25.9	21.4	32.2
142	79.8	65.0	97.4





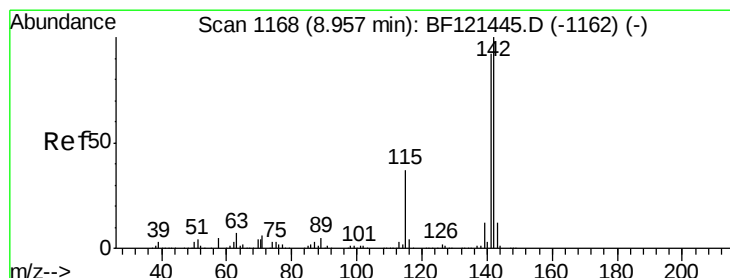
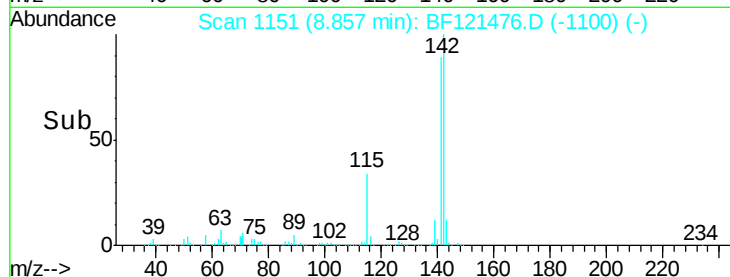
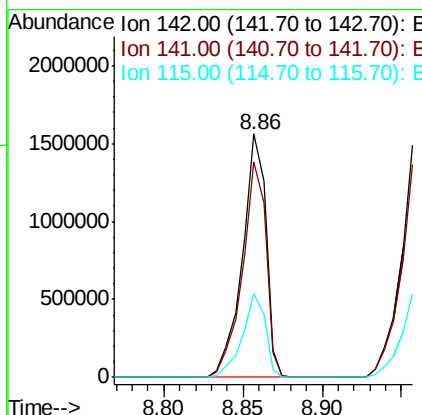
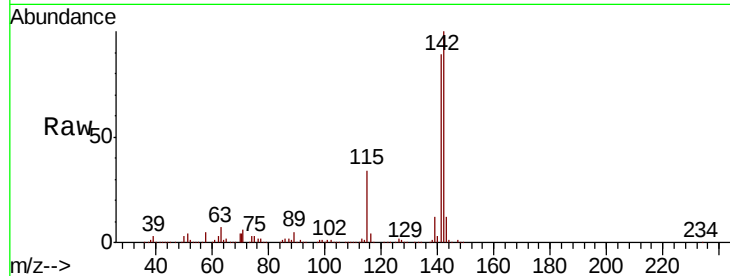
#37
2-Methylnaphthalene
Concen: 38.778 ng
RT: 8.86 min Scan# 1151
Delta R.T. -0.00 min
Lab File: BF121476.D
Acq: 31 Aug 2020 14:17

Instrument :
BNA_F
ClientSampleId :
PB131281BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.7	70.8	106.2
115	34.4	28.2	42.4

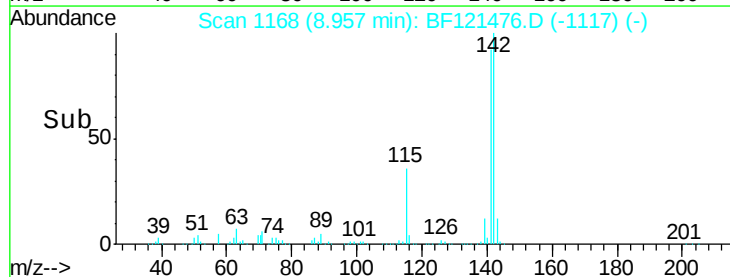
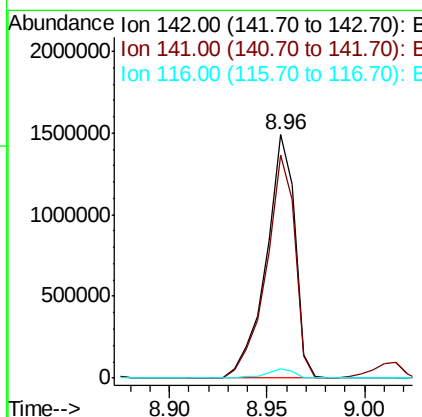
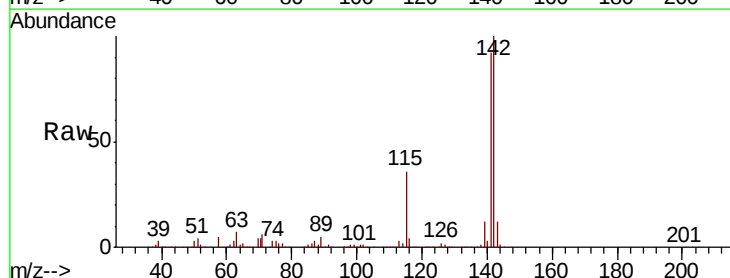
Manual Integrations
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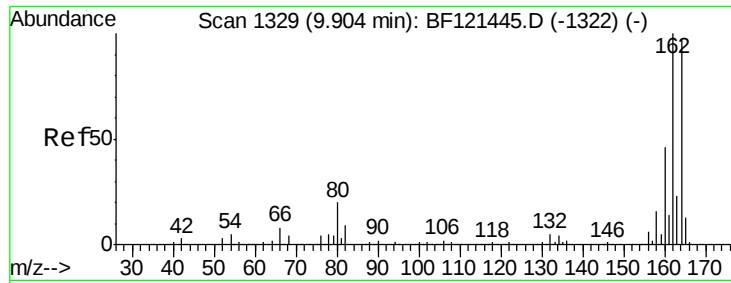
mohammad
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#38
1-Methylnaphthalene
Concen: 38.676 ng
RT: 8.96 min Scan# 1168
Delta R.T. -0.00 min
Lab File: BF121476.D
Acq: 31 Aug 2020 14:17

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.8	73.7	110.5
116	3.9	3.1	4.7





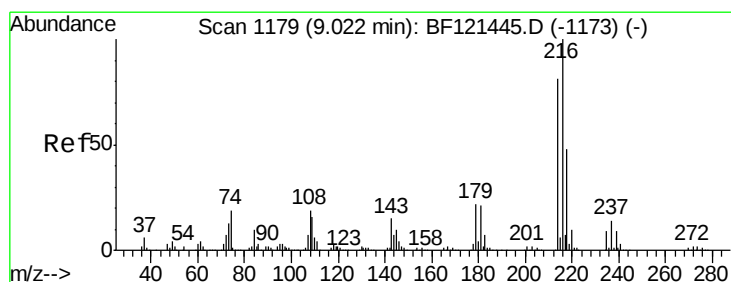
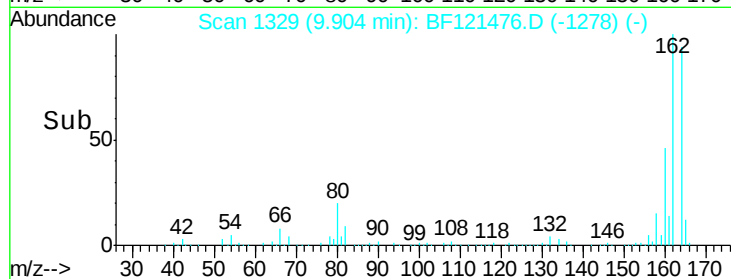
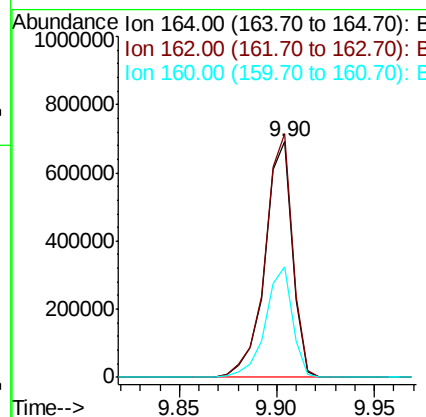
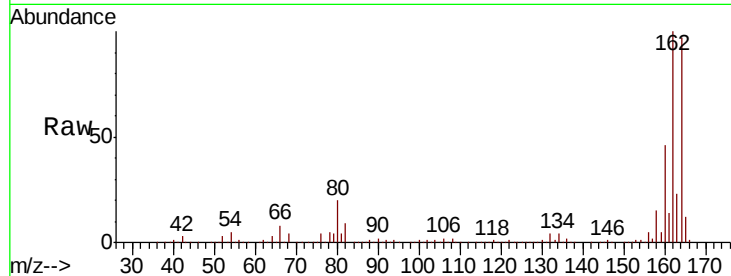
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.90 min Scan# 1329
Delta R.T. -0.00 min
Lab File: BF121476.D
Acq: 31 Aug 2020 14:17

Instrument :
BNA_F
ClientSampleId :
PB131281BS

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	103.3	82.4	123.6	
160	47.1	37.6	56.4	

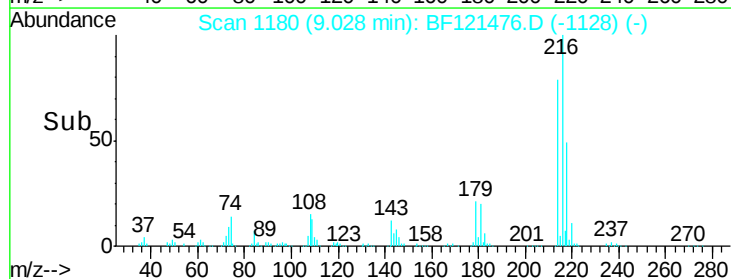
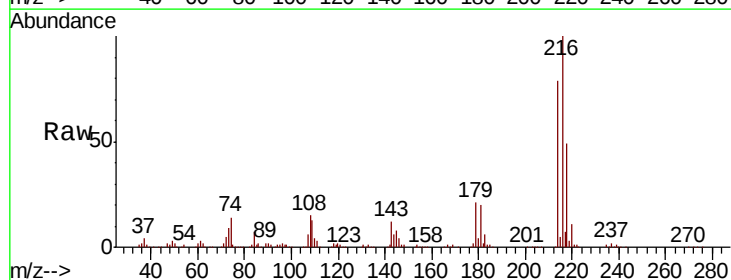
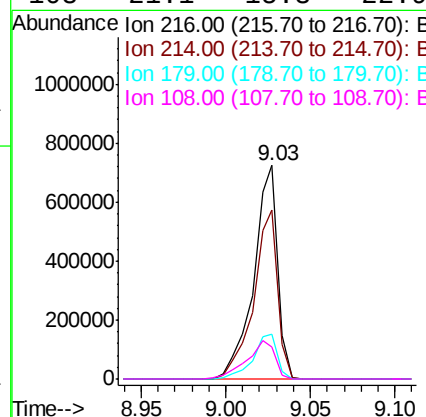
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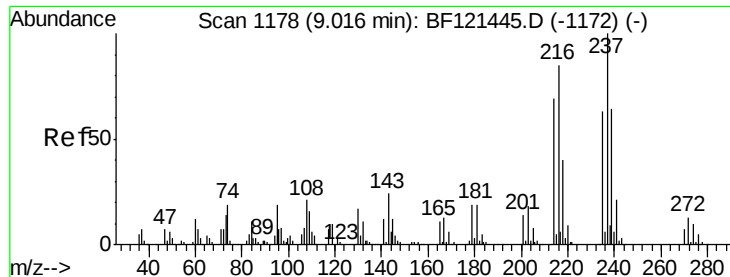
mohammad
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 36.021 ng
RT: 9.03 min Scan# 1180
Delta R.T. 0.01 min
Lab File: BF121476.D
Acq: 31 Aug 2020 14:17

Tgt Ion	Ratio	Resp	Lower	Upper
216	100			
214	79.5	64.2	96.4	
179	21.3	17.0	25.4	
108	21.1	15.3	22.9	





#41

Hexachlorocyclopentadiene

Concen: 96.338 ng

RT: 9.02 min Scan# 1178

Delta R.T. -0.00 min

Lab File: BF121476.D

Acq: 31 Aug 2020 14:17

Instrument :

BNA_F

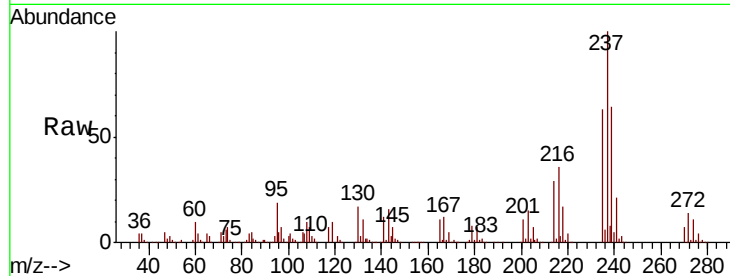
ClientSampleId :

PB131281BS

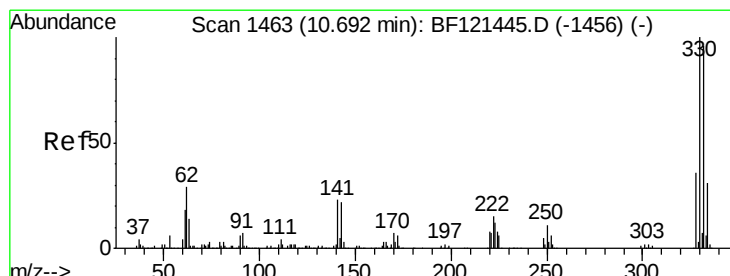
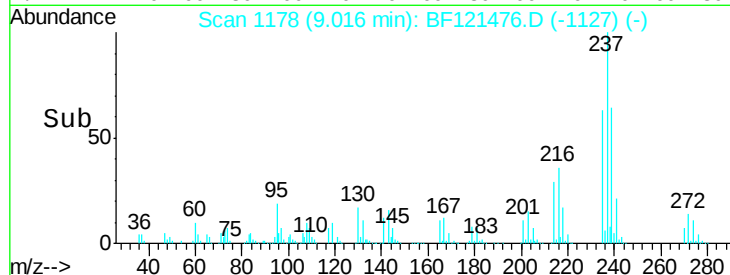
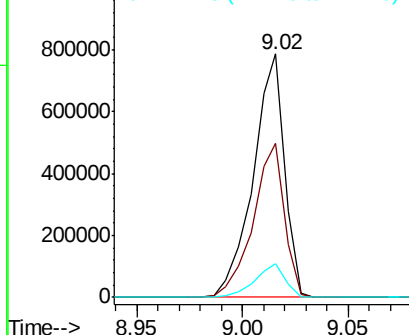
Tot Ion:	237	Resp:	809274
Ion Ratio		Lower	Upper
237	100		
235	63.3	42.9	82.9
272	13.8	0.0	33.1

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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: 116.382 ng

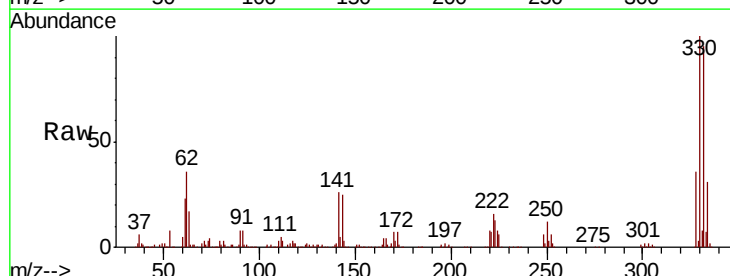
RT: 10.69 min Scan# 1463

Delta R.T. -0.00 min

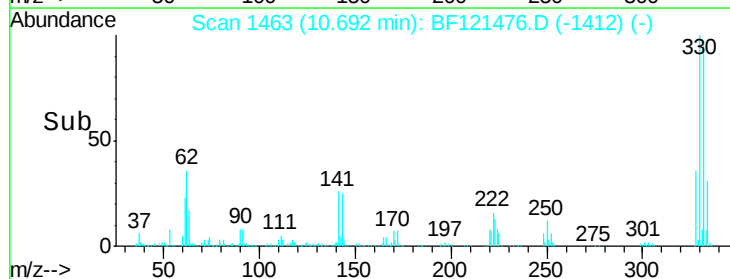
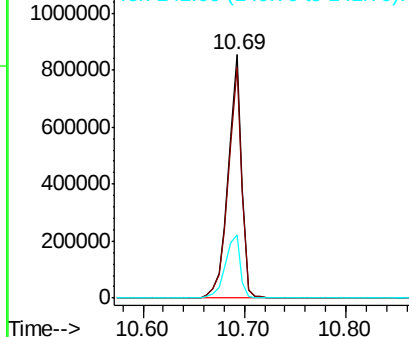
Lab File: BF121476.D

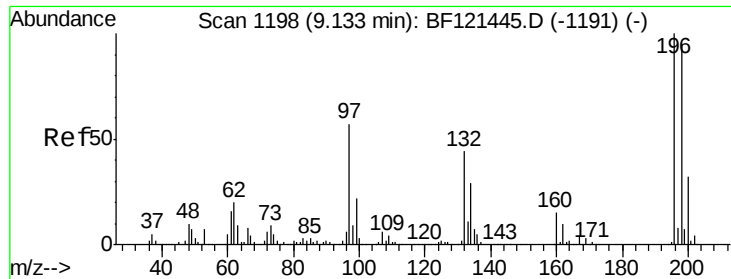
Acq: 31 Aug 2020 14:17

Tgt Ion:	330	Resp:	792162
Ion Ratio		Lower	Upper
330	100		
332	95.4	76.2	114.2
141	29.1	24.6	36.8



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





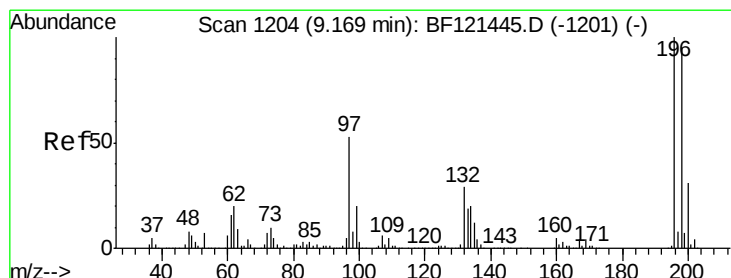
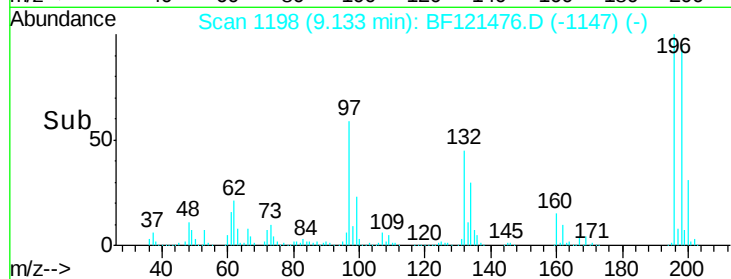
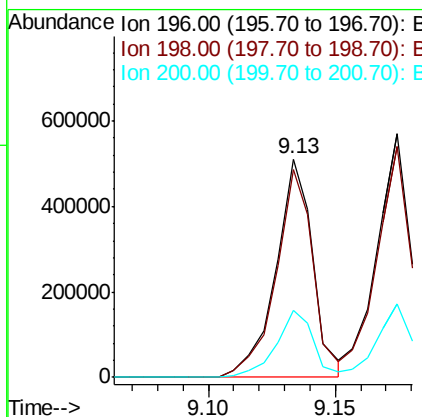
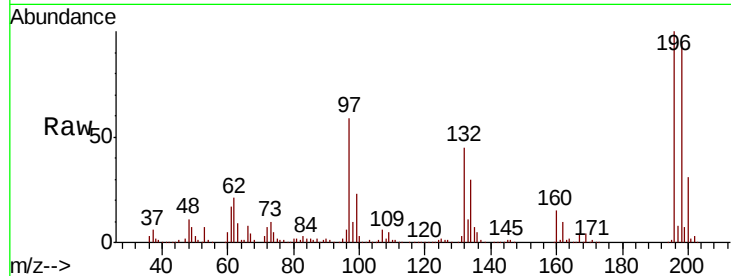
#43
 2,4,6-Trichlorophenol
 Concen: 41.387 ng
 RT: 9.13 min Scan# 1198
 Delta R.T. -0.00 min
 Lab File: BF121476.D
 Acq: 31 Aug 2020 14:17

Instrument :
 BNA_F
 ClientSampleID :
 PB131281BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	522545		
198	95.5	75.8	113.6	
200	30.8	25.3	37.9	

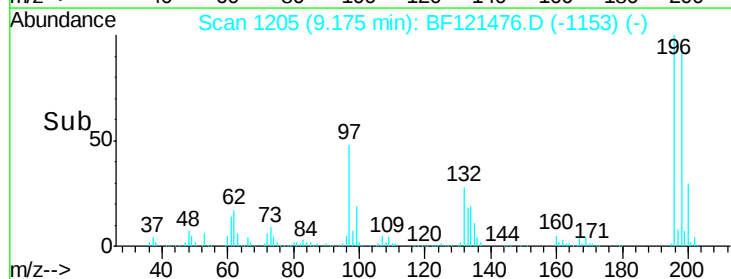
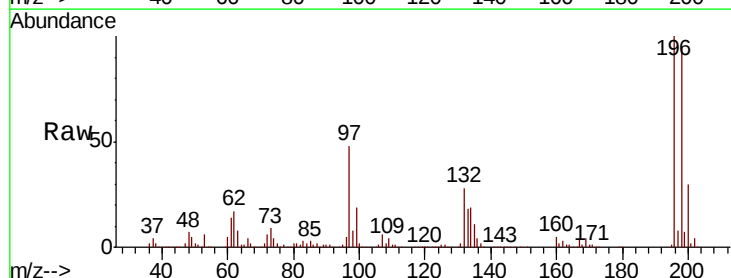
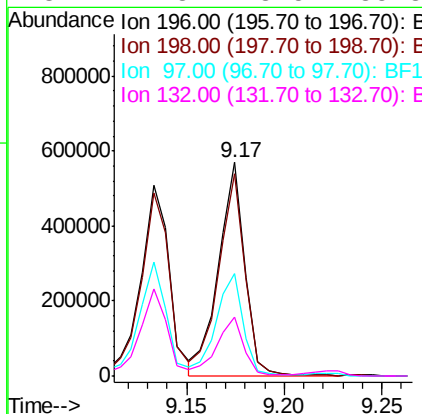
Manual Integrations
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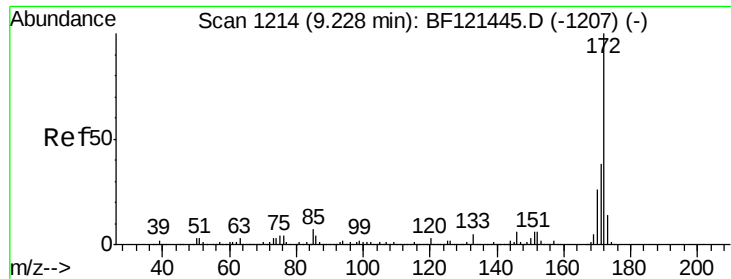
mohammad
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#44
 2,4,5-Trichlorophenol
 Concen: 42.542 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. 0.01 min
 Lab File: BF121476.D
 Acq: 31 Aug 2020 14:17

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	531138		
198	94.8	76.2	114.2	
97	48.3	42.6	64.0	
132	27.8	23.5	35.3	





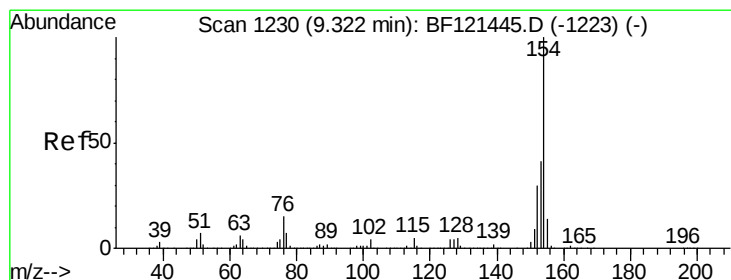
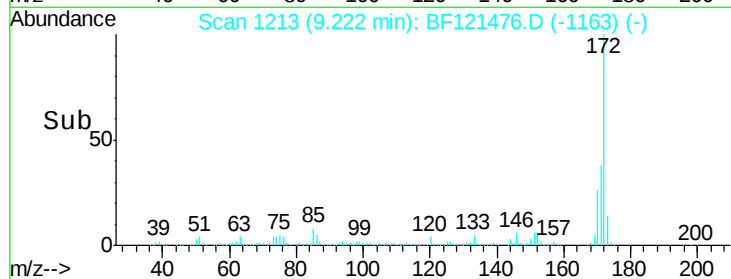
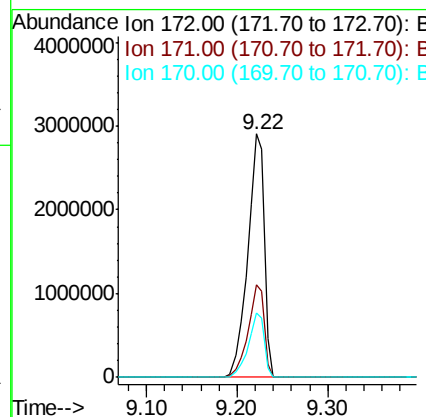
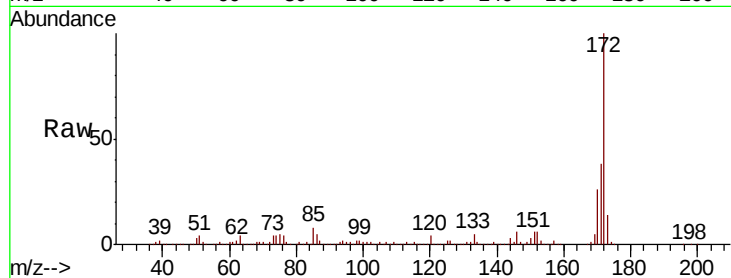
#45
 2-Fluorobiphenyl
 Concen: 87.605 ng
 RT: 9.22 min Scan# 1213
 Delta R.T. -0.01 min
 Lab File: BF121476.D
 Acq: 31 Aug 2020 14:17

Instrument :
 BNA_F
 ClientSampleId :
 PB131281BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	38.0	30.6	45.8
170	26.2	20.6	31.0

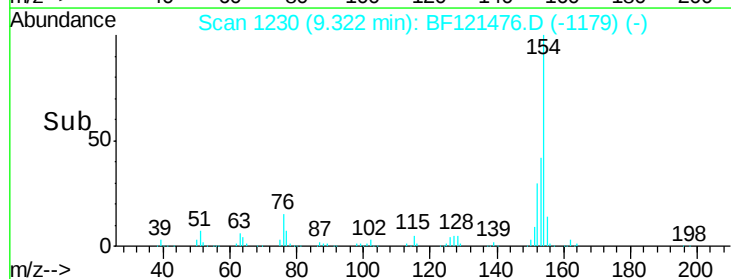
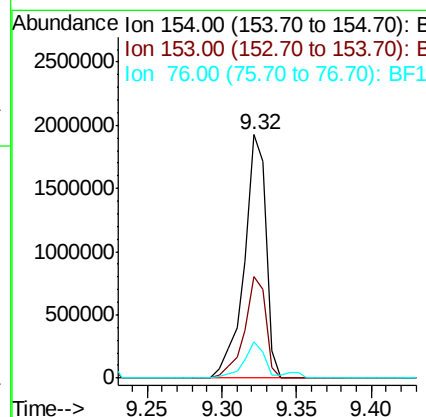
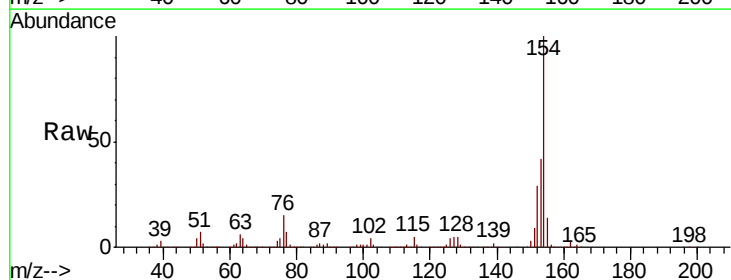
Manual Integrations
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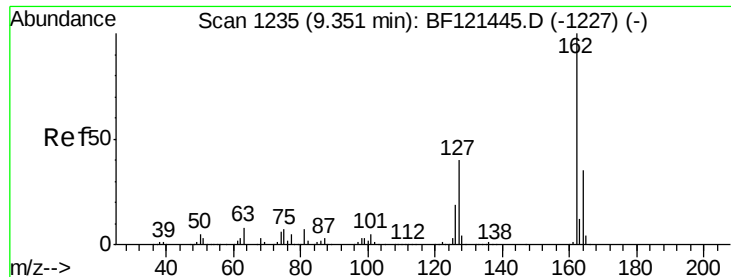
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#46
 1,1'-Biphenyl
 Concen: 38.143 ng
 RT: 9.32 min Scan# 1230
 Delta R.T. -0.00 min
 Lab File: BF121476.D
 Acq: 31 Aug 2020 14:17

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.7	21.2	61.2
76	14.6	0.0	35.2





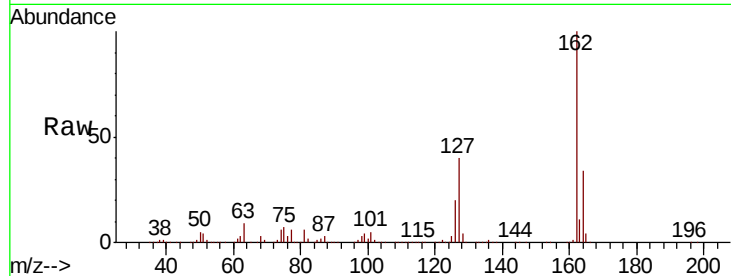
#47
 2-Chloronaphthalene
 Concen: 35.114 ng
 RT: 9.35 min Scan# 1235
 Delta R.T. -0.00 min
 Lab File: BF121476.D
 Acq: 31 Aug 2020 14:17

Instrument :
 BNA_F
 ClientSampleId :
 PB131281BS

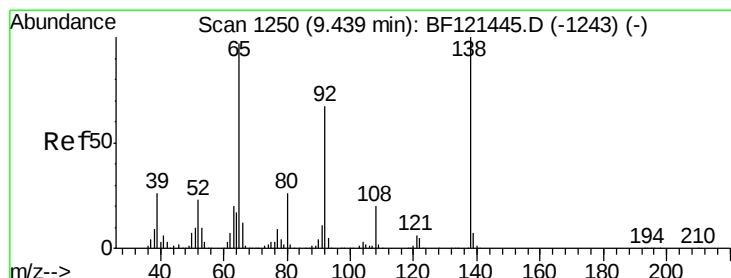
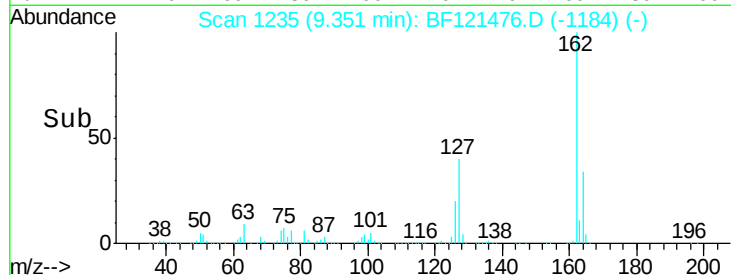
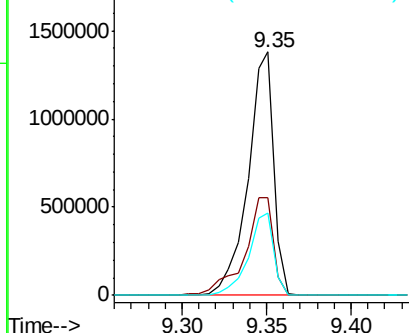
Tot Ion	Ratio	Lower	Upper
162	100		
127	40.0	32.6	48.8
164	33.7	27.8	41.6

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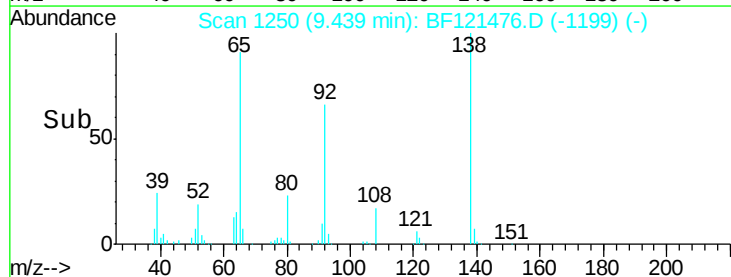
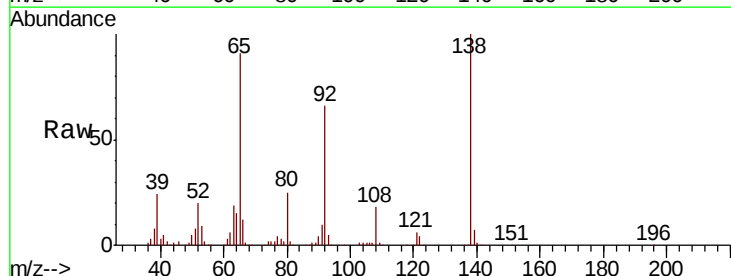
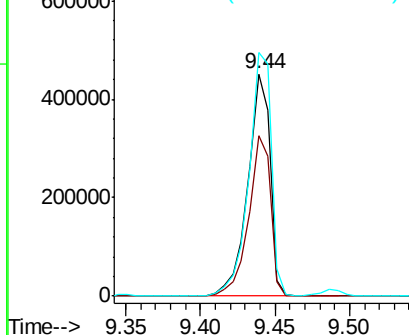
Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

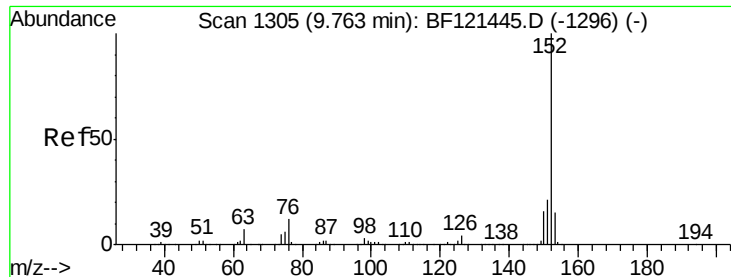


#48
 2-Nitroaniline
 Concen: 40.816 ng
 RT: 9.44 min Scan# 1250
 Delta R.T. 0.00 min
 Lab File: BF121476.D
 Acq: 31 Aug 2020 14:17

Tgt Ion	Ratio	Lower	Upper
65	100		
92	72.1	55.6	83.4
138	109.6	82.9	124.3

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





#49

Acenaphthylene

Concen: 37.725 ng

RT: 9.76 min Scan# 1305

Delta R.T. -0.00 min

Lab File: BF121476.D

Acq: 31 Aug 2020 14:17

Instrument :

BNA_F

ClientSampleId :

PB131281BS

Tot Ion:152 Resp: 2365137

Ion Ratio Lower Upper

152 100

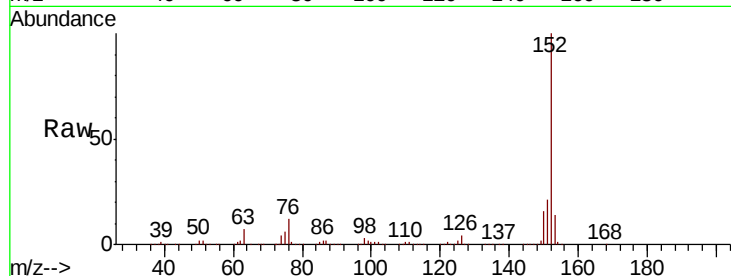
151 21.2 17.2 25.8

153 14.3 11.6 17.4

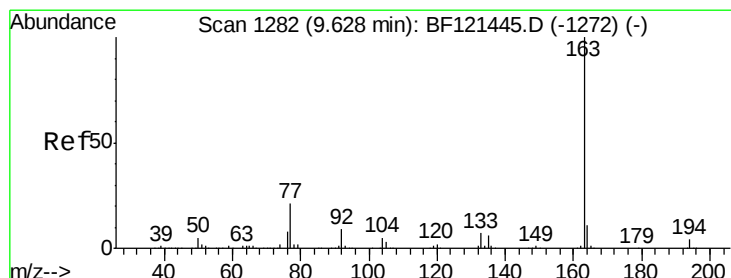
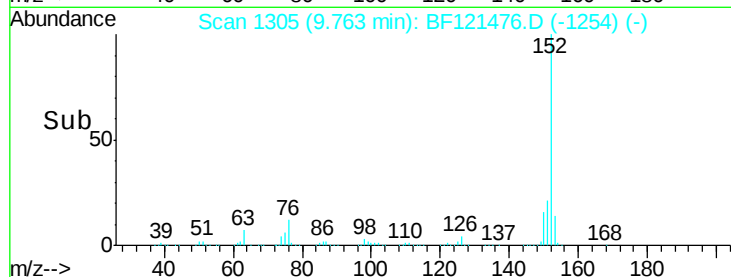
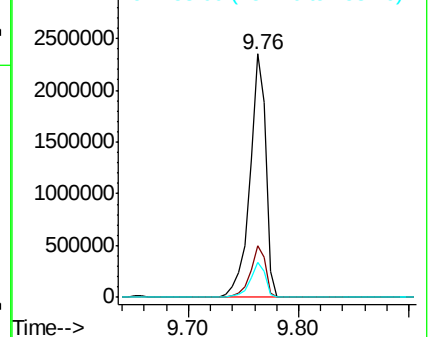
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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 37.181 ng

RT: 9.63 min Scan# 1282

Delta R.T. -0.00 min

Lab File: BF121476.D

Acq: 31 Aug 2020 14:17

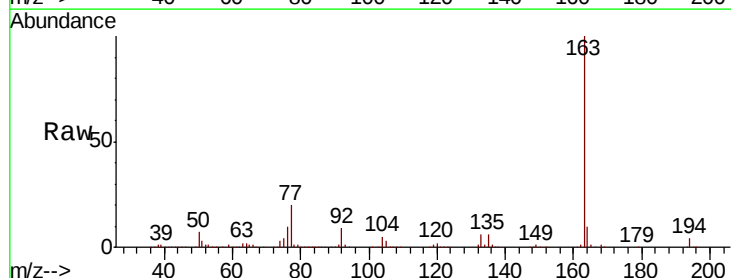
Tgt Ion:163 Resp: 1721083

Ion Ratio Lower Upper

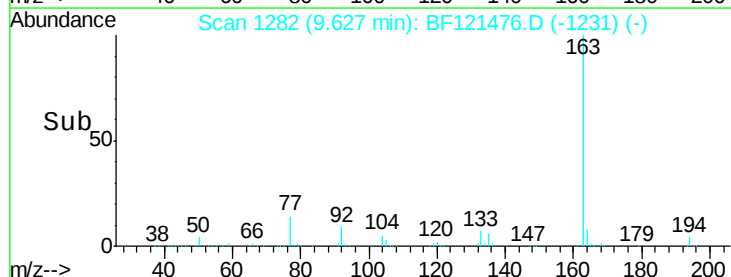
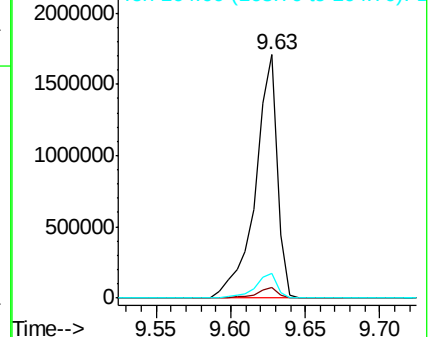
163 100

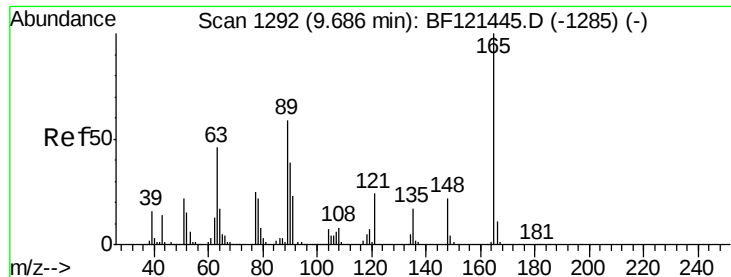
194 4.2 3.3 4.9

164 10.3 8.6 12.8



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 44.329 ng

RT: 9.69 min Scan# 1292

Delta R.T. 0.00 min

Lab File: BF121476.D

Acq: 31 Aug 2020 14:17

Instrument :

BNA_F

ClientSampleId :

PB131281BS

Tot Ion:165 Resp: 379660

Ion Ratio Lower Upper

165 100

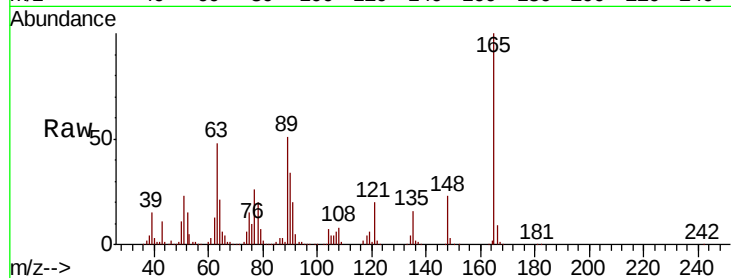
63 47.9 43.6 65.4

89 51.2 47.4 71.2

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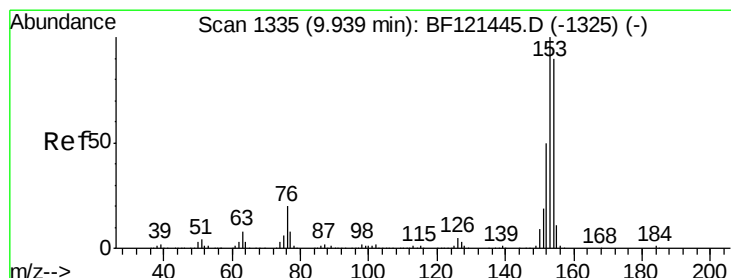
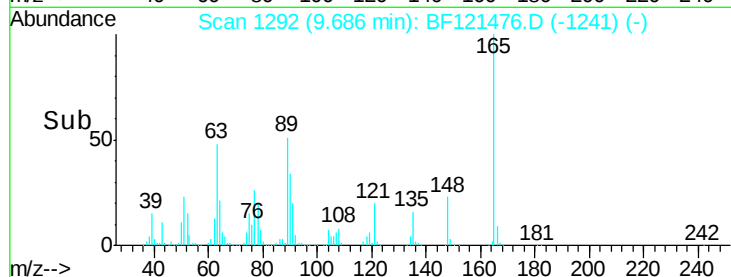
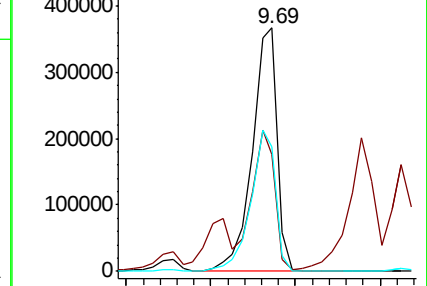
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Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#52

Acenaphthene

Concen: 39.815 ng

RT: 9.94 min Scan# 1335

Delta R.T. -0.00 min

Lab File: BF121476.D

Acq: 31 Aug 2020 14:17

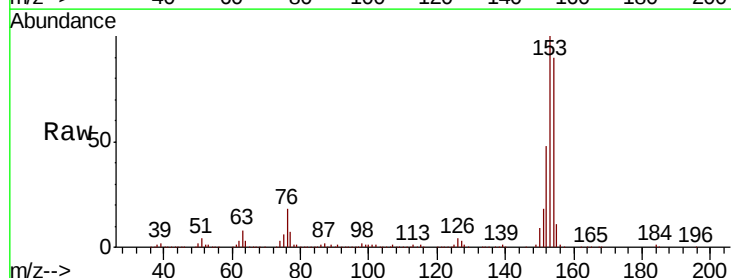
Tgt Ion:154 Resp: 1576173

Ion Ratio Lower Upper

154 100

153 111.5 88.9 133.3

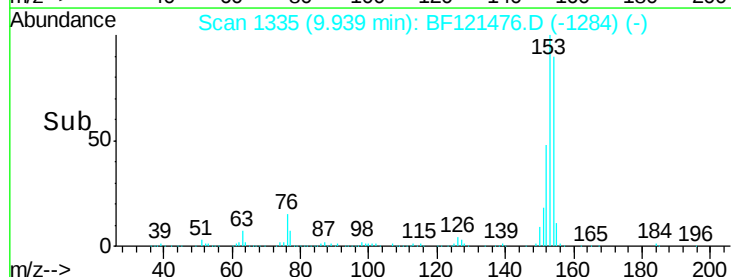
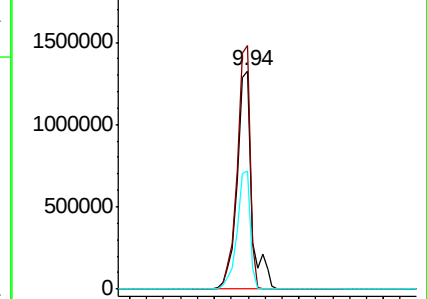
152 54.0 44.1 66.1

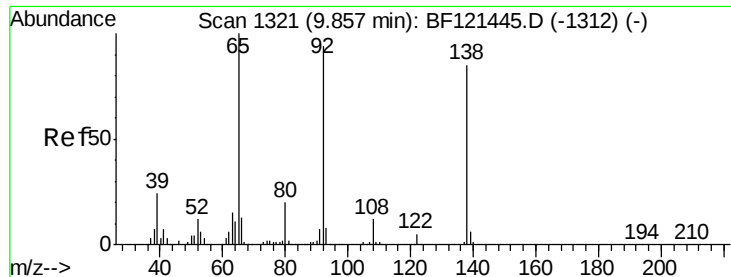


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





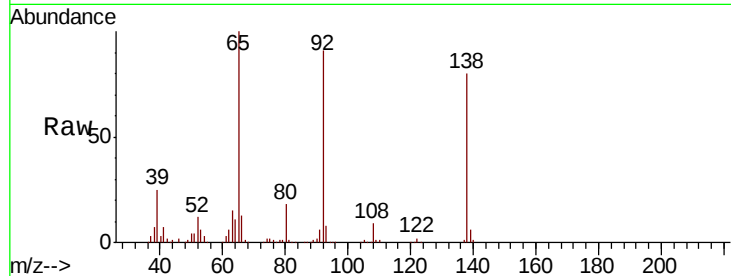
#53
3-Nitroaniline
Concen: 28.892 ng
RT: 9.85 min Scan# 1320
Delta R.T. -0.00 min
Lab File: BF121476.D
Acq: 31 Aug 2020 14:17

Instrument :
BNA_F
ClientSampleId :
PB131281BS

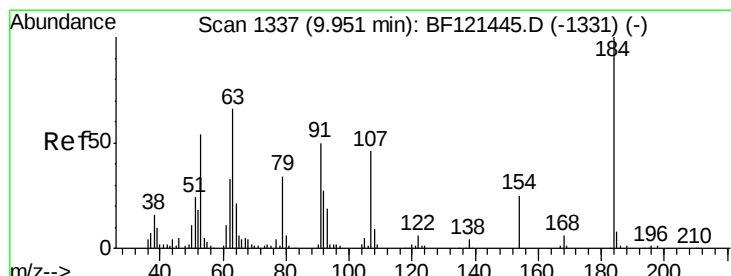
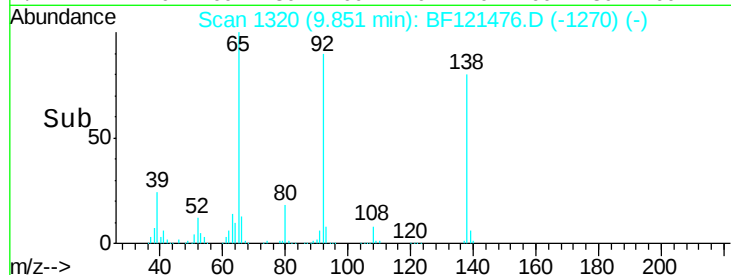
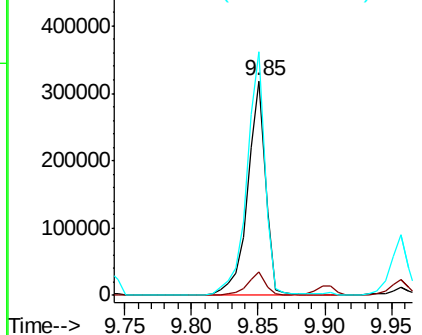
Tot Ion	Ratio	Lower	Upper
138	100		
108	11.0	11.6	17.4#
92	113.4	88.6	132.8

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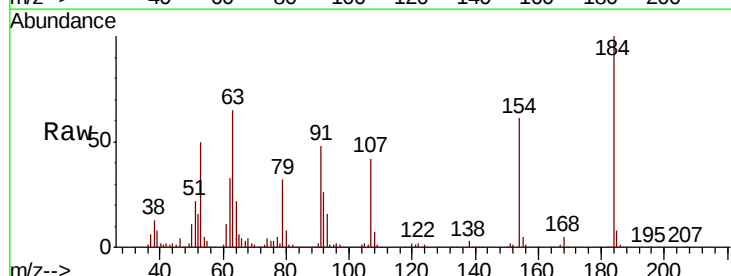


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

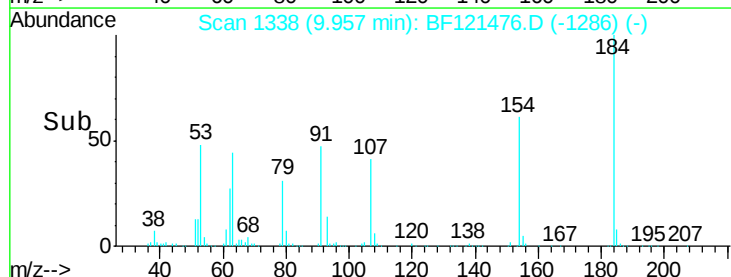
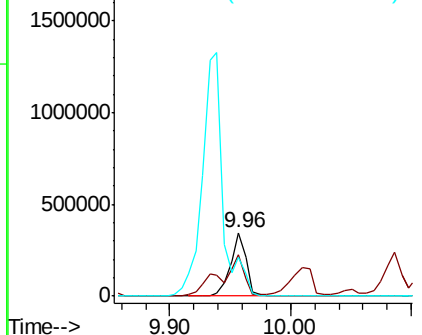


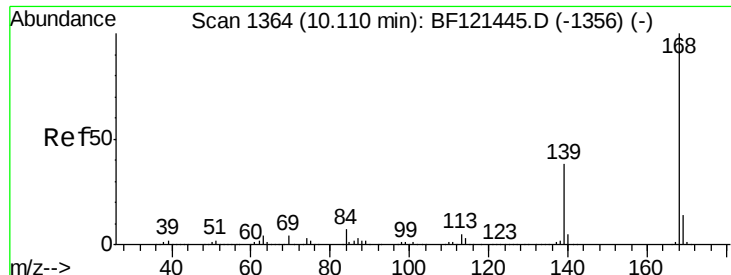
#54
2,4-Dinitrophenol
Concen: 78.940 ng
RT: 9.96 min Scan# 1338
Delta R.T. 0.01 min
Lab File: BF121476.D
Acq: 31 Aug 2020 14:17

Tgt Ion	Ratio	Lower	Upper
184	100		
63	65.4	56.8	85.2
154	61.0	55.9	83.9



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





#55

Dibenzofuran

Concen: 37.007 ng

RT: 10.11 min Scan# 1364

Delta R.T. -0.00 min

Lab File: BF121476.D

Acq: 31 Aug 2020 14:17

Instrument :

BNA_F

ClientSampleId :

PB131281BS

Tot Ion:168 Resp: 2128143

Ion Ratio Lower Upper

168 100

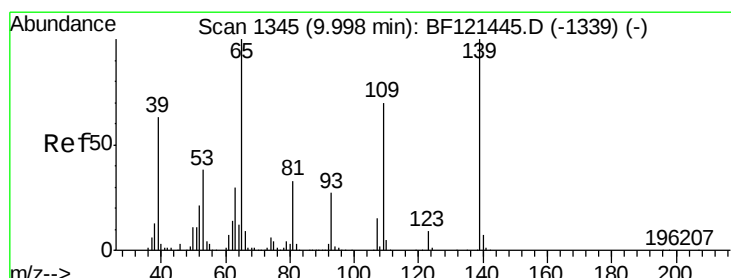
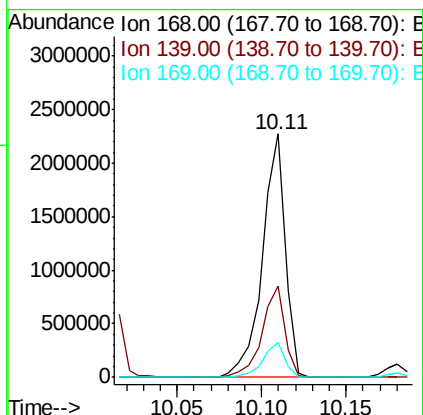
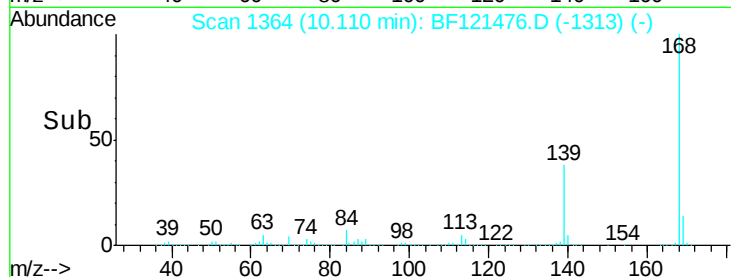
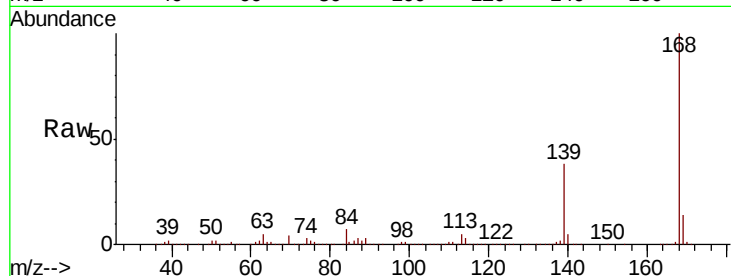
139 37.6 30.1 45.1

169 14.1 11.2 16.8

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#56

4-Nitrophenol

Concen: 78.616 ng

RT: 10.02 min Scan# 1348

Delta R.T. 0.02 min

Lab File: BF121476.D

Acq: 31 Aug 2020 14:17

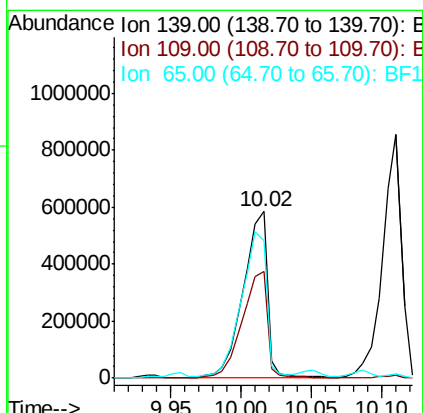
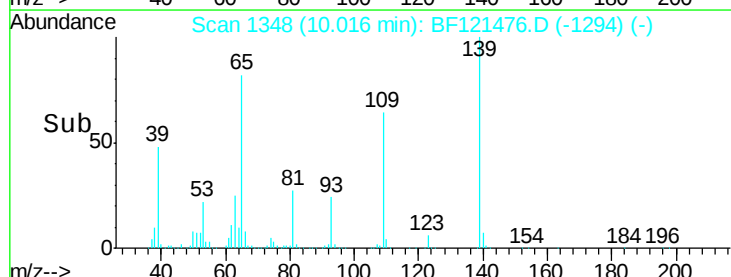
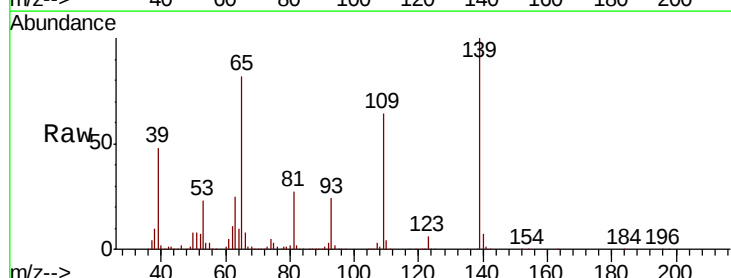
Tgt Ion:139 Resp: 701292

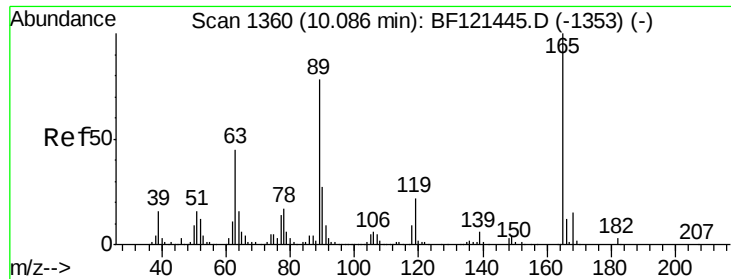
Ion Ratio Lower Upper

139 100

109 63.9 50.5 90.5

65 82.4 80.2 120.2





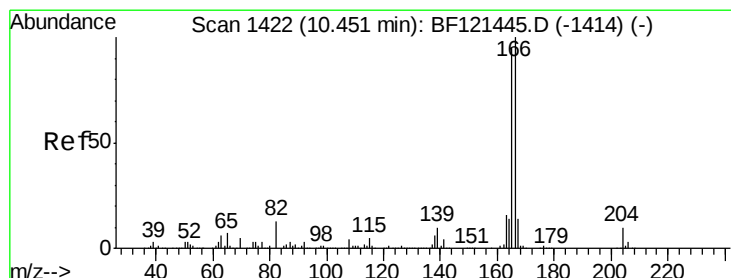
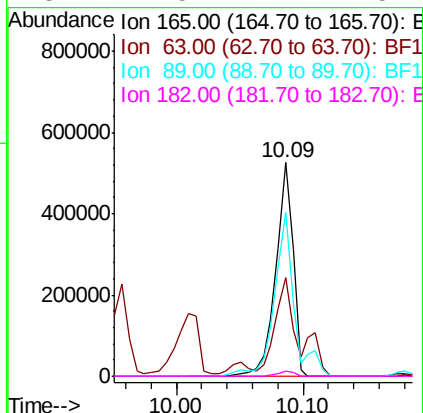
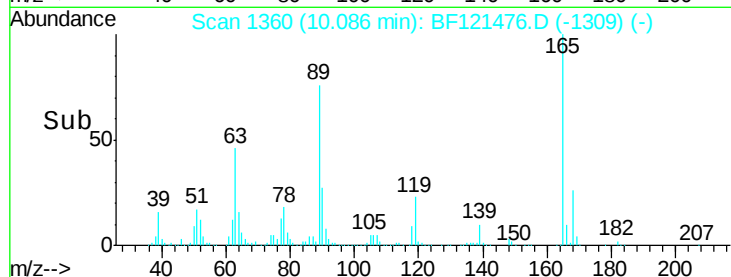
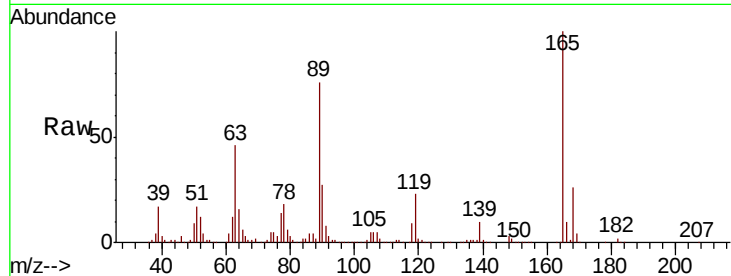
#57
 2,4-Dinitrotoluene
 Concen: 46.574 ng
 RT: 10.09 min Scan# 1360
 Delta R.T. 0.00 min
 Lab File: BF121476.D
 Acq: 31 Aug 2020 14:17

Instrument :
 BNA_F
 ClientSampleId :
 PB131281BS

Tot Ion:	165	Resp:	494680
Ion Ratio	Lower	Upper	
165	100		
63	46.2	36.0	54.0
89	76.5	62.6	93.8
182	2.5	2.2	3.2

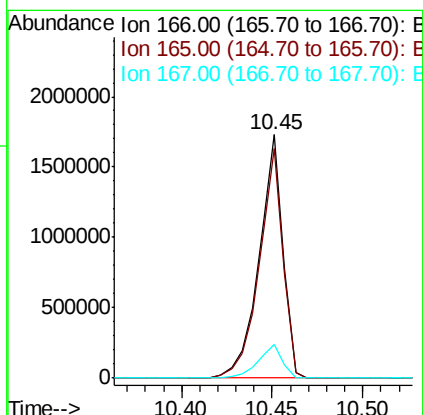
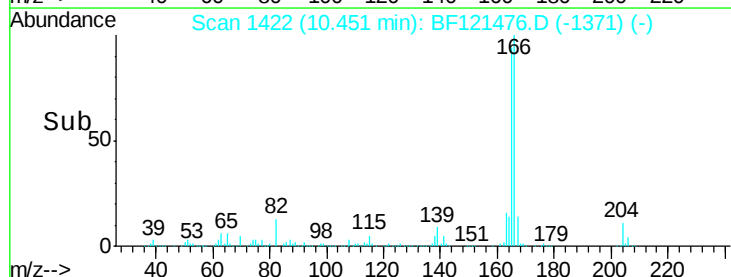
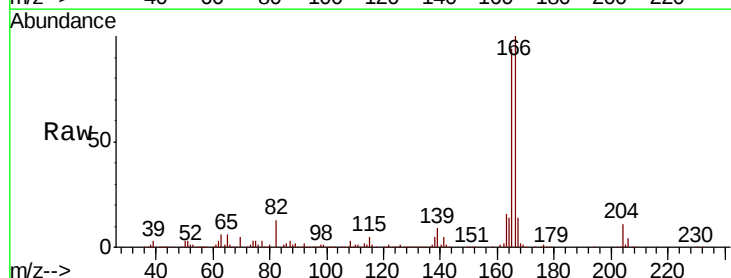
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#58
 Fluorene
 Concen: 36.427 ng
 RT: 10.45 min Scan# 1422
 Delta R.T. -0.00 min
 Lab File: BF121476.D
 Acq: 31 Aug 2020 14:17

Tgt Ion:	166	Resp:	1579131
Ion Ratio	Lower	Upper	
166	100		
165	94.2	75.7	113.5
167	13.9	11.1	16.7





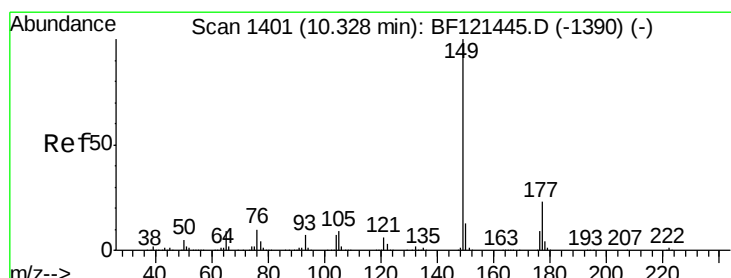
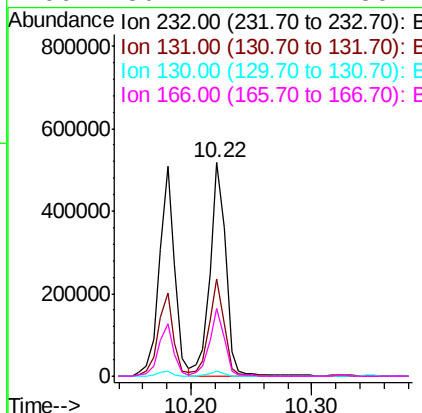
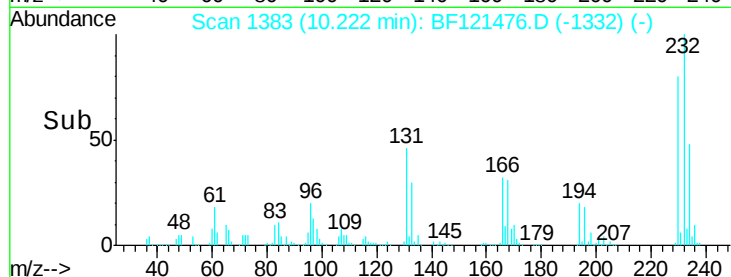
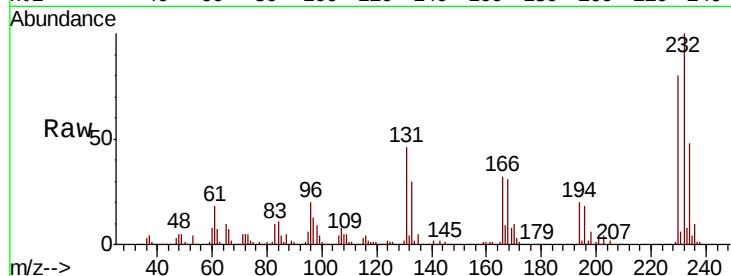
#59
2,3,4,6-Tetrachlorophenol
Concen: 44.565 ng
RT: 10.22 min Scan# 1383
Delta R.T. -0.00 min
Lab File: BF121476.D
Acq: 31 Aug 2020 14:17

Instrument :
BNA_F
ClientSampleId :
PB131281BS

Tot Ion	Ratio	Lower	Upper
232	100		
131	44.9	35.7	53.5
130	2.3	1.8	2.6
166	30.2	24.1	36.1

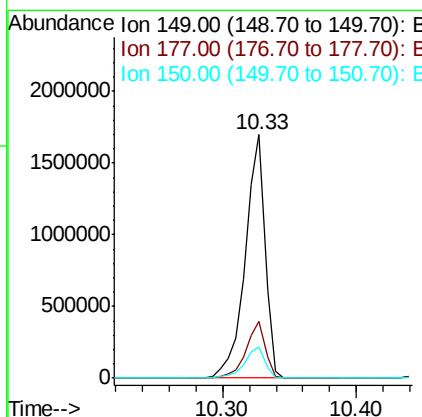
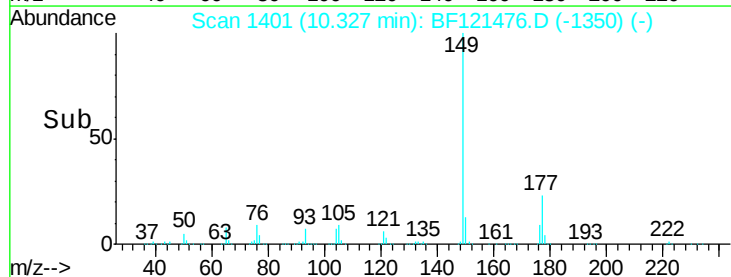
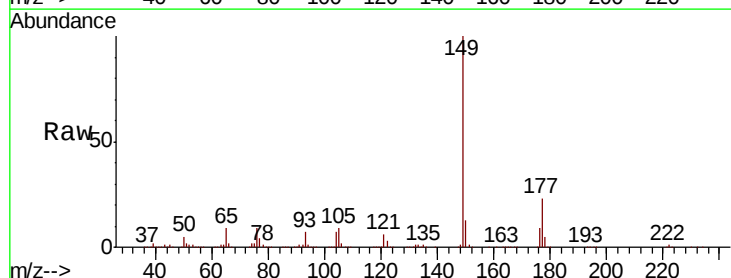
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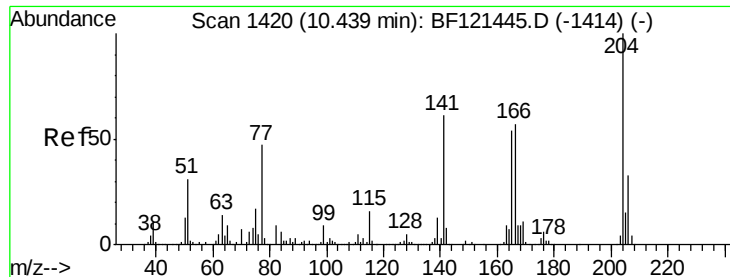
mohammad
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#60
Diethylphthalate
Concen: 37.144 ng
RT: 10.33 min Scan# 1401
Delta R.T. -0.00 min
Lab File: BF121476.D
Acq: 31 Aug 2020 14:17

Tgt Ion	Ratio	Lower	Upper
149	100		
177	23.5	18.3	27.5
150	12.9	10.4	15.6





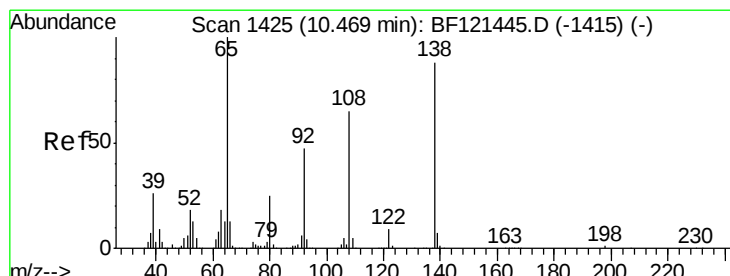
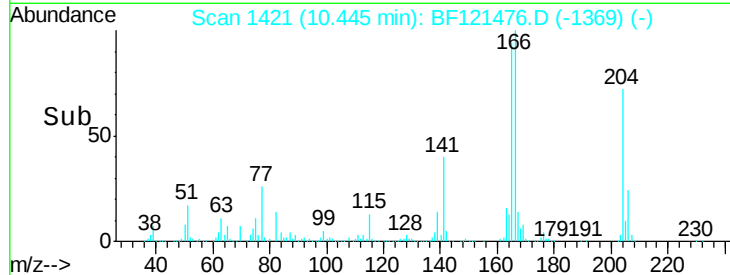
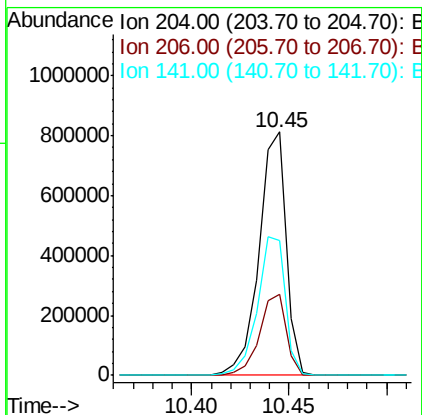
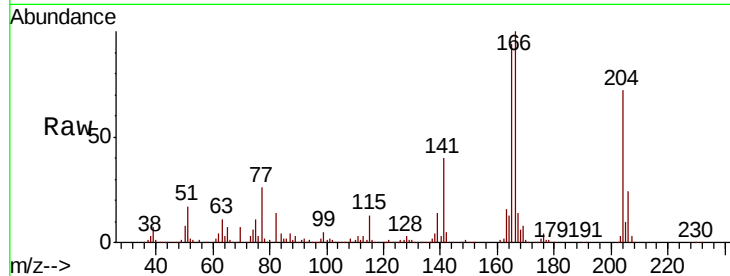
#61
 4-Chlorophenyl-phenylether
 Concen: 36.154 ng
 RT: 10.45 min Scan# 1421
 Delta R.T. 0.01 min
 Lab File: BF121476.D
 Acq: 31 Aug 2020 14:17

Instrument :
 BNA_F
 ClientSampled :
 PB131281BS

Tot Ion:	204	Resp:	785271
Ion Ratio	Lower	Upper	
204	100		
206	33.2	26.3	39.5
141	55.2	48.7	73.1

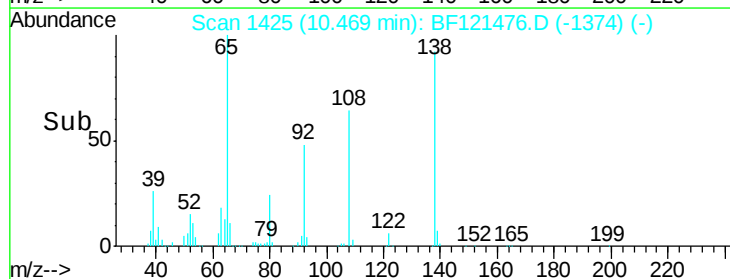
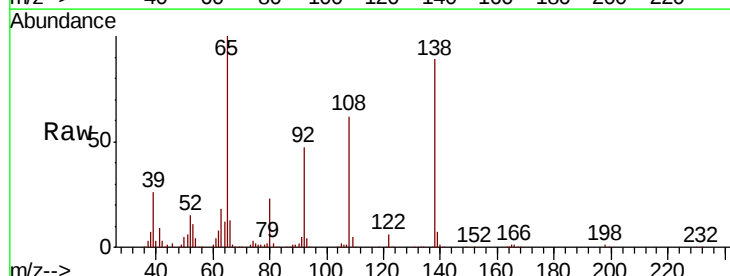
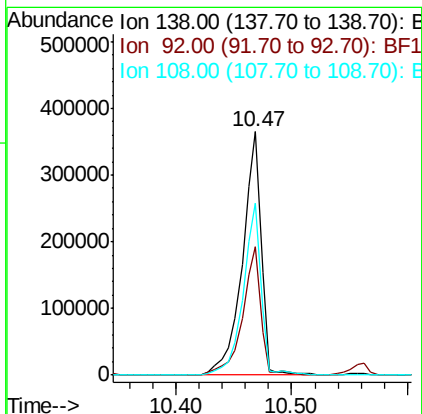
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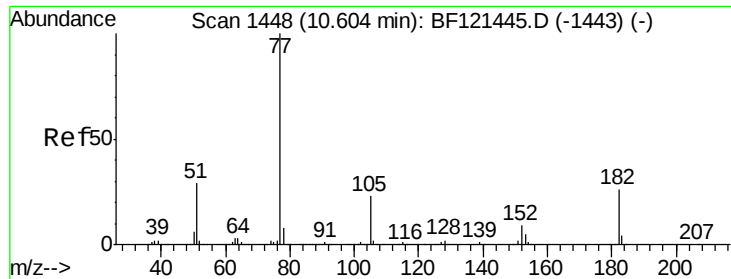
mohammad
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#62
 4-Nitroaniline
 Concen: 37.566 ng
 RT: 10.47 min Scan# 1425
 Delta R.T. 0.00 min
 Lab File: BF121476.D
 Acq: 31 Aug 2020 14:17

Tgt Ion:	138	Resp:	412614
Ion Ratio	Lower	Upper	
138	100		
92	52.5	33.2	73.2
108	70.5	53.6	93.6





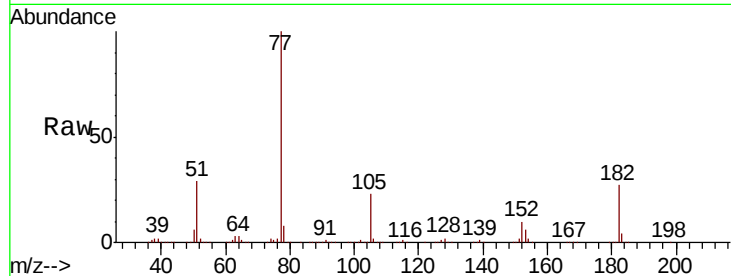
#63
Azobenzene
Concen: 36.714 ng
RT: 10.60 min Scan# 1448
Delta R.T. -0.00 min
Lab File: BF121476.D
Acq: 31 Aug 2020 14:17

Instrument :
BNA_F
ClientSampleId :
PB131281BS

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	27.5	6.2	46.2	
105	23.3	3.3	43.3	
51	28.9	9.5	49.5	

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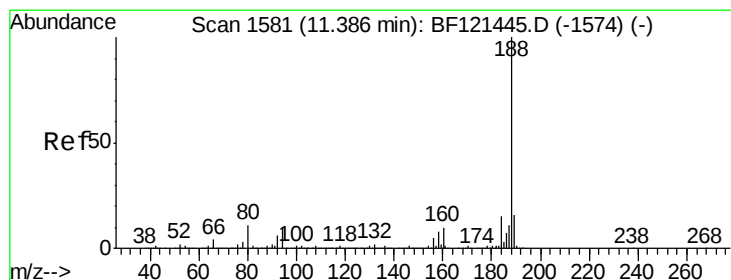
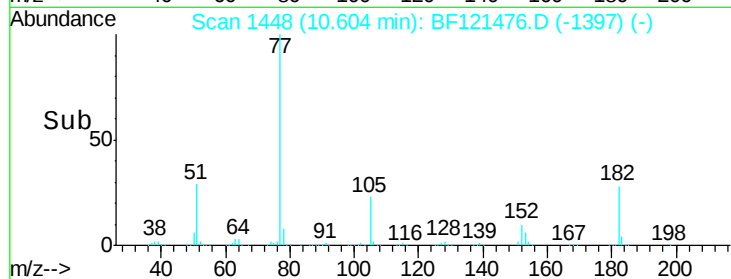
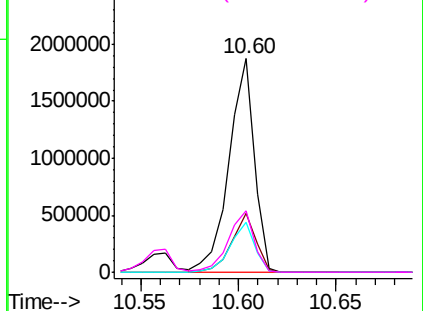


Abundance Ion 77.00 (76.70 to 77.70): BF1

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



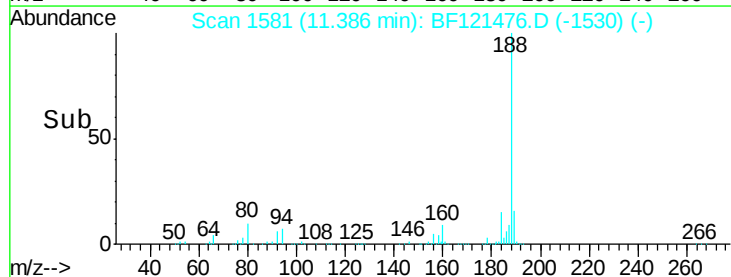
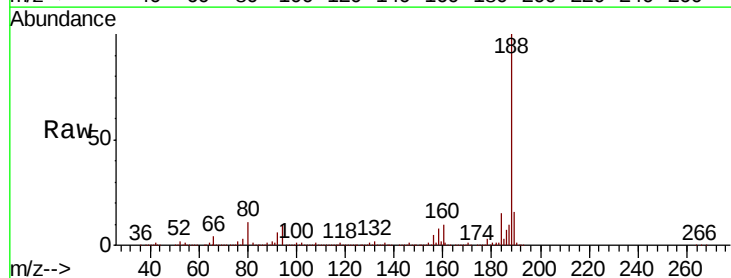
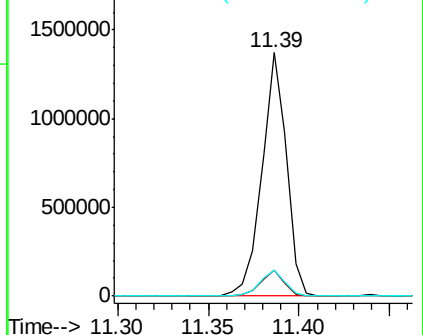
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.39 min Scan# 1581
Delta R.T. -0.00 min
Lab File: BF121476.D
Acq: 31 Aug 2020 14:17

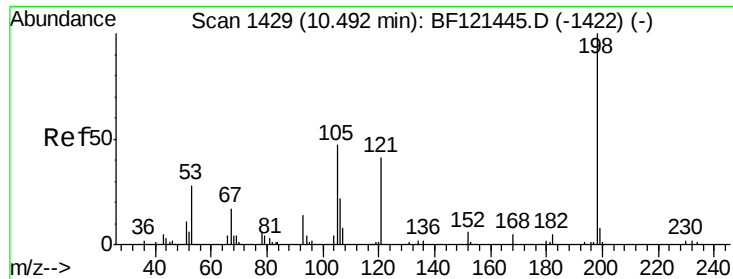
Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	10.4	8.3	12.5	
80	10.8	8.6	13.0	

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: 52.894 ng

RT: 10.49 min Scan# 1429

Delta R.T. 0.00 min

Lab File: BF121476.D

Acq: 31 Aug 2020 14:17

Instrument :

BNA_F

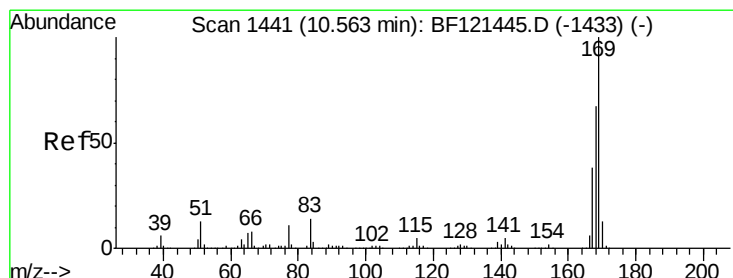
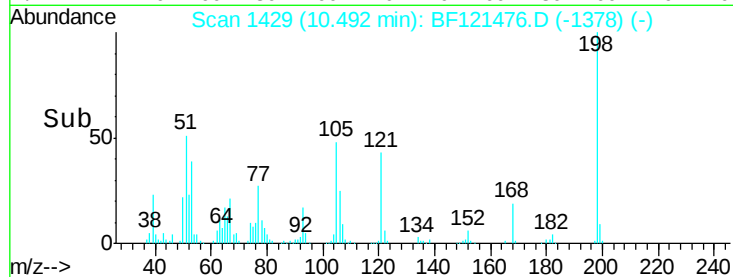
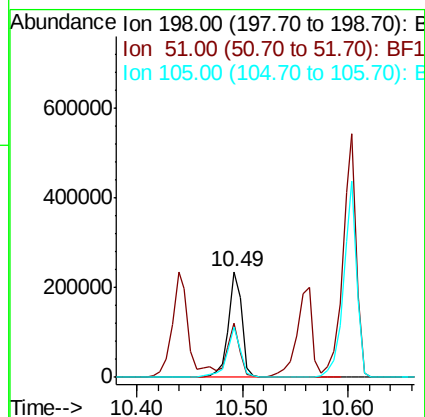
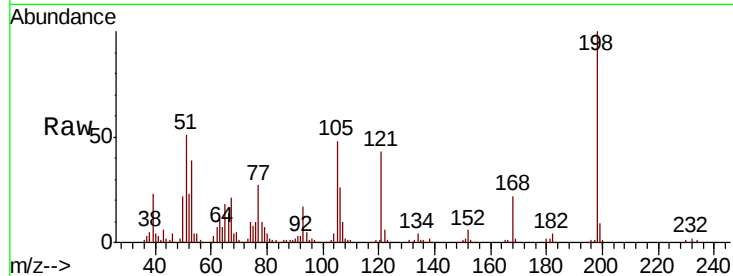
ClientSampleId :

PB131281BS

Tot Ion:	198	Resp:	210238
Ion Ratio	Lower	Upper	
198	100		
51	51.2	29.0	69.0
105	48.0	29.1	69.1

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#66

n-Nitrosodiphenylamine

Concen: 36.490 ng

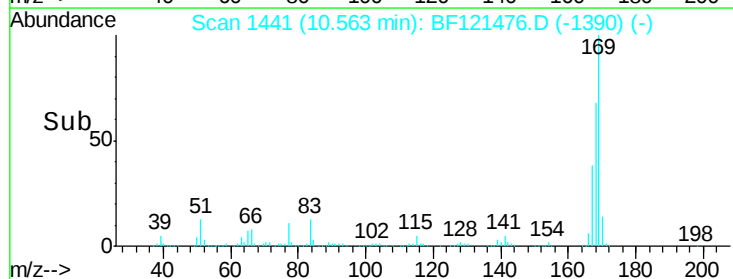
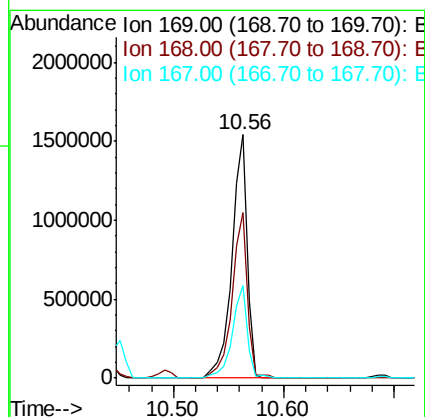
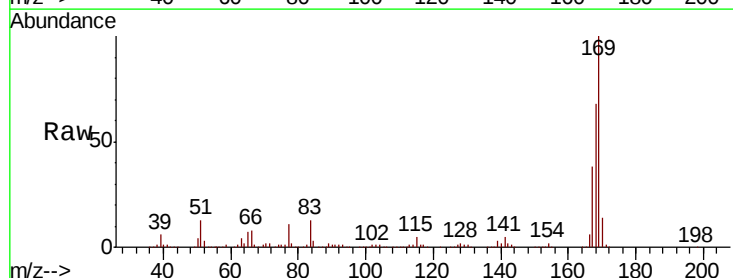
RT: 10.56 min Scan# 1441

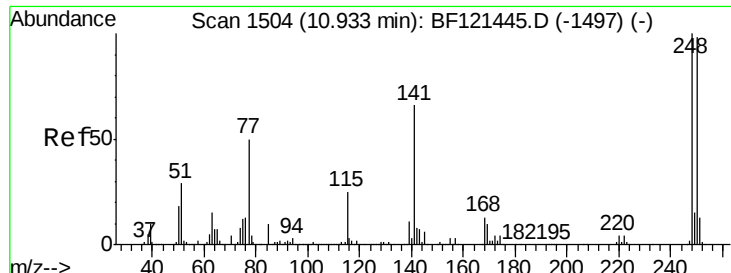
Delta R.T. -0.00 min

Lab File: BF121476.D

Acq: 31 Aug 2020 14:17

Tgt Ion:	169	Resp:	1491483
Ion Ratio	Lower	Upper	
169	100		
168	67.8	54.0	81.0
167	37.8	30.2	45.2





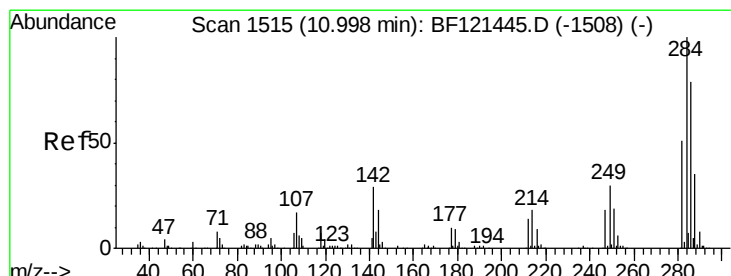
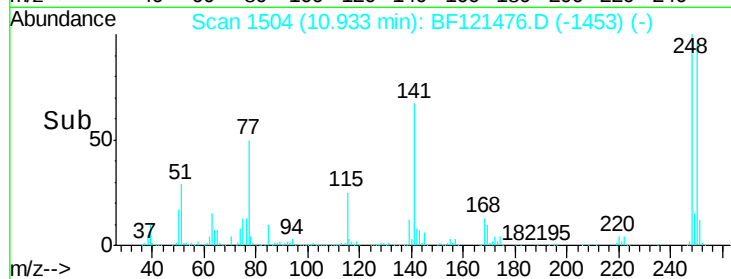
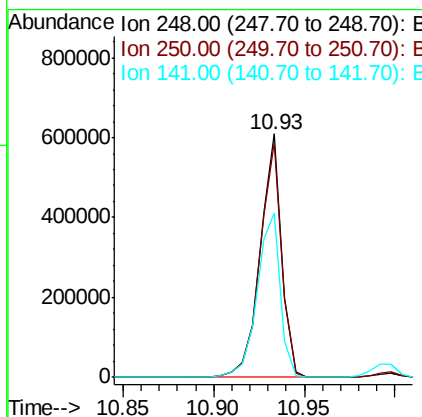
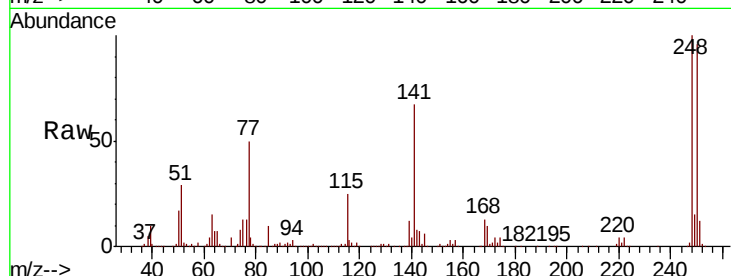
#67
 4-Bromophenyl-phenylether
 Concen: 35.426 ng
 RT: 10.93 min Scan# 1504
 Delta R.T. -0.00 min
 Lab File: BF121476.D
 Acq: 31 Aug 2020 14:17

Instrument :
 BNA_F
 ClientSampleId :
 PB131281BS

Tot Ion:	248	Resp:	503656
Ion Ratio	Lower	Upper	
248	100		
250	96.3	78.7	118.1
141	67.2	52.6	78.8

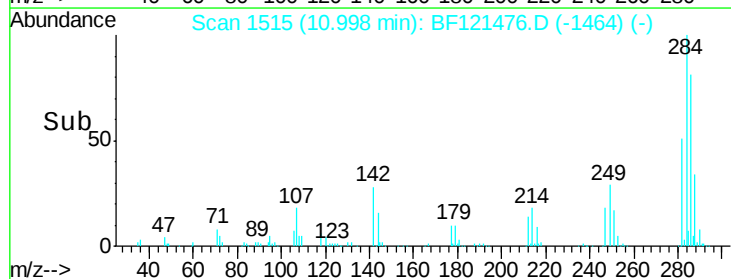
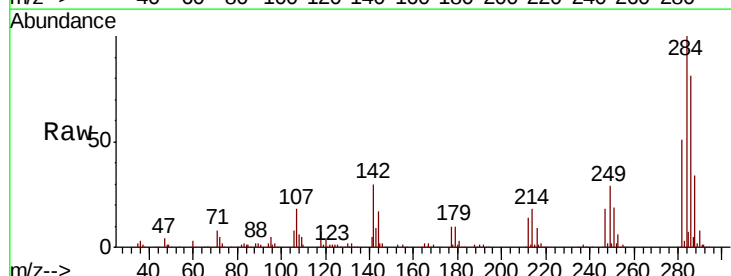
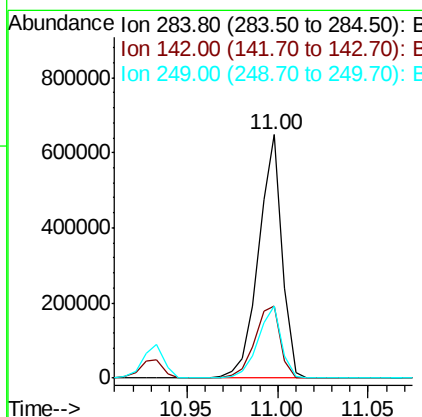
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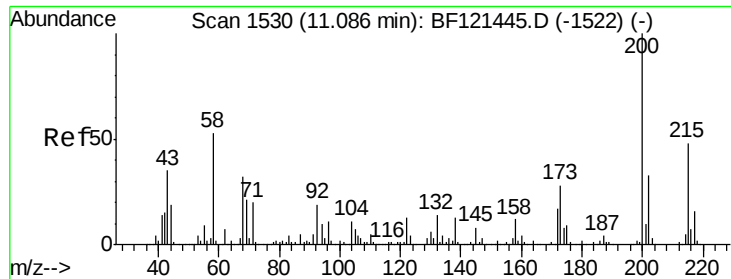
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#68
 Hexachlorobenzene
 Concen: 34.992 ng
 RT: 11.00 min Scan# 1515
 Delta R.T. -0.00 min
 Lab File: BF121476.D
 Acq: 31 Aug 2020 14:17

Tgt Ion:	284	Resp:	581743
Ion Ratio	Lower	Upper	
284	100		
142	29.6	23.4	35.0
249	29.4	23.8	35.6





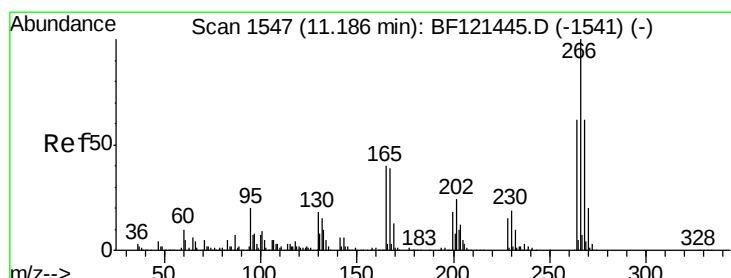
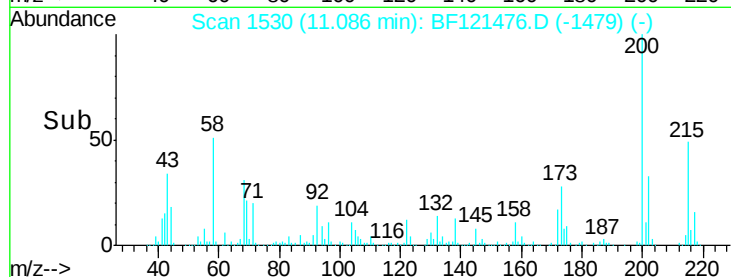
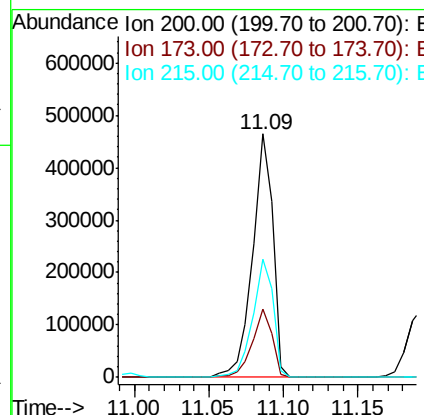
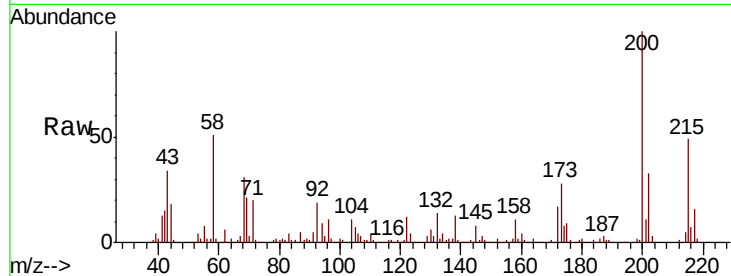
#69
 Atrazine
 Concen: 36.781 ng
 RT: 11.09 min Scan# 1530
 Delta R.T. -0.00 min
 Lab File: BF121476.D
 Acq: 31 Aug 2020 14:17

Instrument :
 BNA_F
 ClientSampleId :
 PB131281BS

Tot Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	27.9	8.1	48.1
215	48.6	28.5	68.5

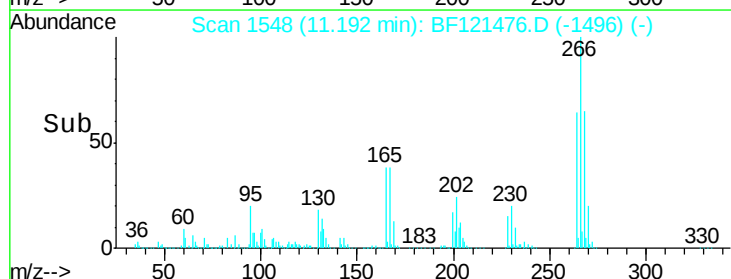
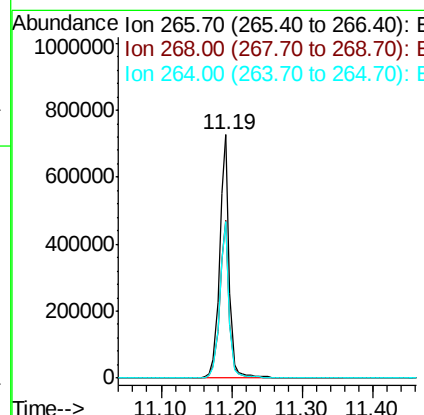
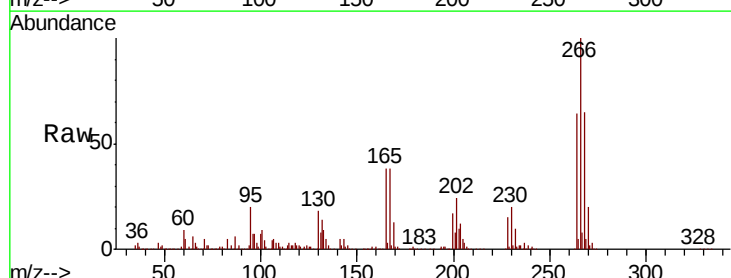
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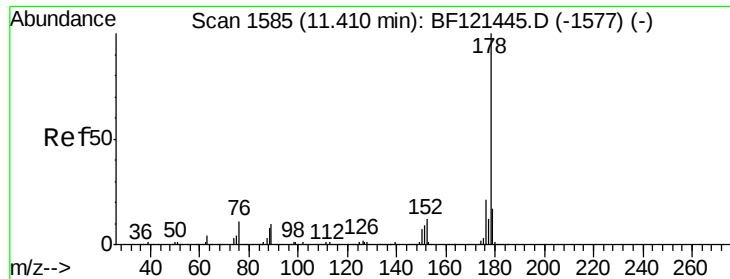
mohammad
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#70
 Pentachlorophenol
 Concen: 91.490 ng
 RT: 11.19 min Scan# 1548
 Delta R.T. 0.01 min
 Lab File: BF121476.D
 Acq: 31 Aug 2020 14:17

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
268	65.1	49.7	74.5
264	64.2	49.4	74.0





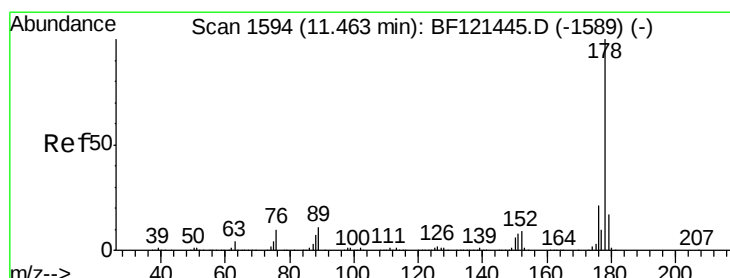
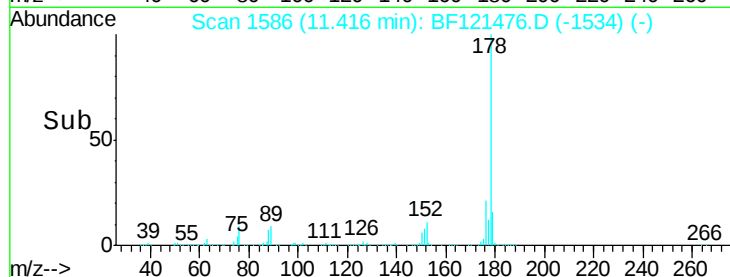
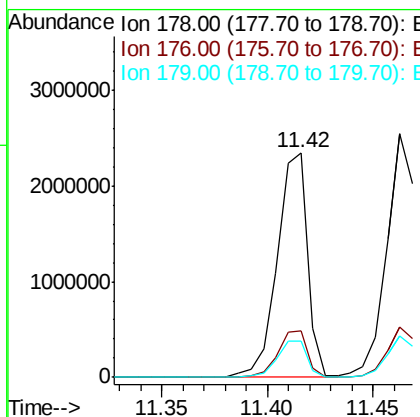
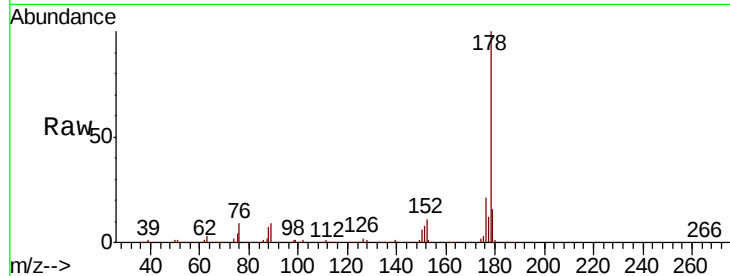
#71
Phenanthrene
Concen: 35.377 ng
RT: 11.42 min Scan# 1586
Delta R.T. 0.01 min
Lab File: BF121476.D
Acq: 31 Aug 2020 14:17

Instrument :
BNA_F
ClientSampleId :
PB131281BS

Tot Ion:178 Resp: 2346264
Ion Ratio Lower Upper
178 100
176 20.9 16.9 25.3
179 16.1 13.4 20.0

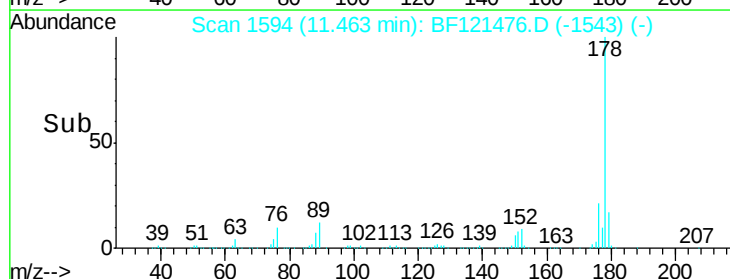
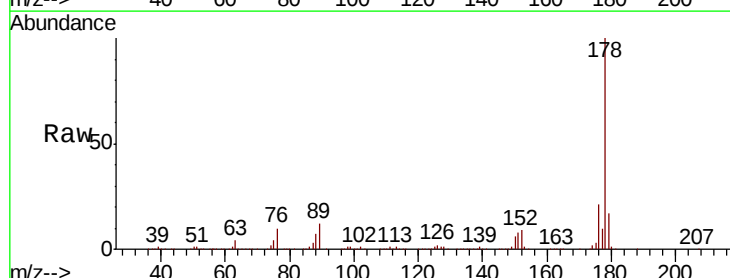
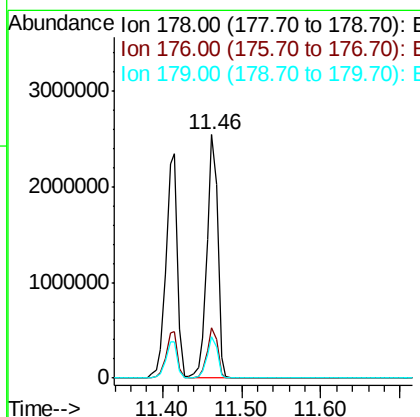
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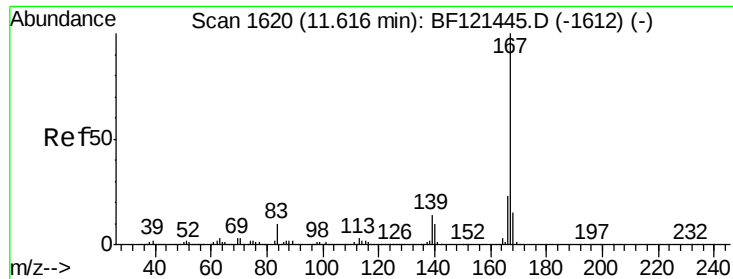
mohammad
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#72
Anthracene
Concen: 37.092 ng
RT: 11.46 min Scan# 1594
Delta R.T. -0.00 min
Lab File: BF121476.D
Acq: 31 Aug 2020 14:17

Tgt Ion:178 Resp: 2419457
Ion Ratio Lower Upper
178 100
176 20.6 16.7 25.1
179 16.9 13.4 20.2





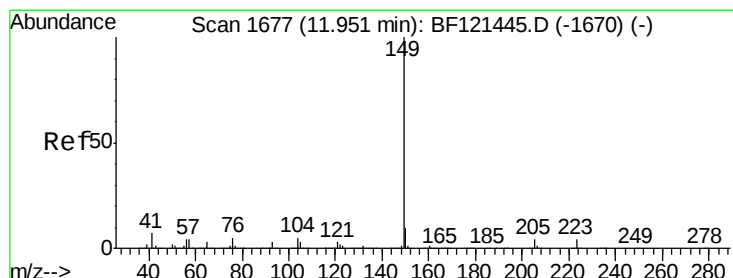
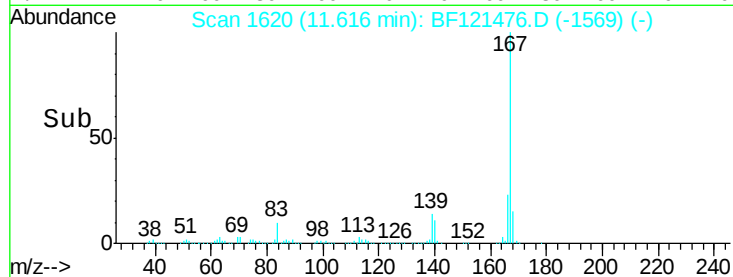
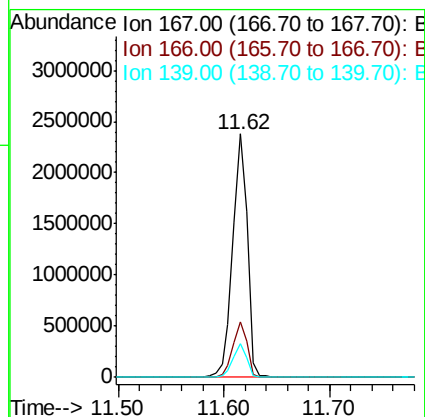
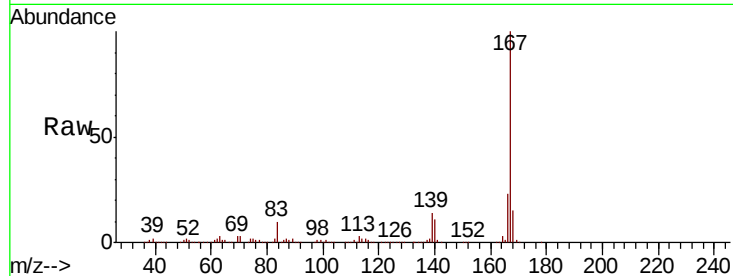
#73
 Carbazole
 Concen: 36.056 ng
 RT: 11.62 min Scan# 1620
 Delta R.T. -0.00 min
 Lab File: BF121476.D
 Acq: 31 Aug 2020 14:17

Instrument :
 BNA_F
 ClientSampleId :
 PB131281BS

Tot Ion	Ion	Ratio	Lower	Upper
167	100			
166	22.9	18.4	27.6	
139	13.8	11.0	16.6	

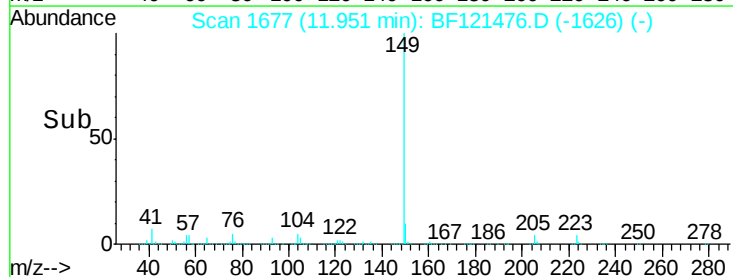
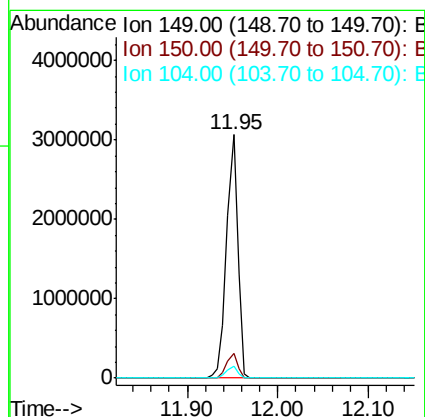
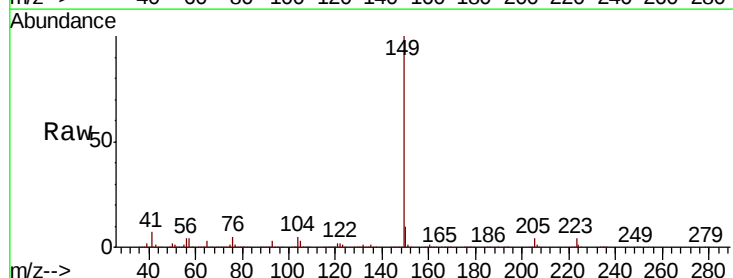
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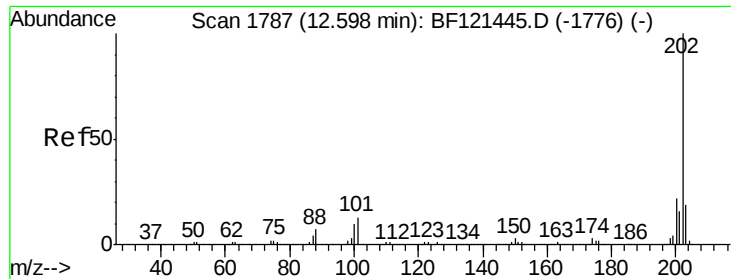
mohammad
 9/2/2020 1:55:32 PM



#74
 Di-n-butylphthalate
 Concen: 37.136 ng
 RT: 11.95 min Scan# 1677
 Delta R.T. -0.00 min
 Lab File: BF121476.D
 Acq: 31 Aug 2020 14:17

Tgt Ion	Ion	Ratio	Lower	Upper
149	100			
150	10.2	8.2	12.2	
104	5.1	4.2	6.4	





#75

Fluoranthene

Concen: 36.429 ng

RT: 12.60 min Scan# 1787

Delta R.T. -0.00 min

Lab File: BF121476.D

Acq: 31 Aug 2020 14:17

Instrument :

BNA_F

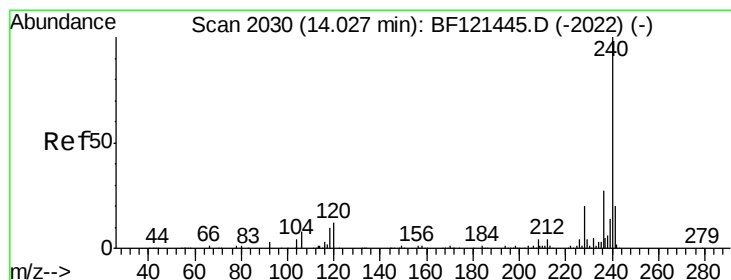
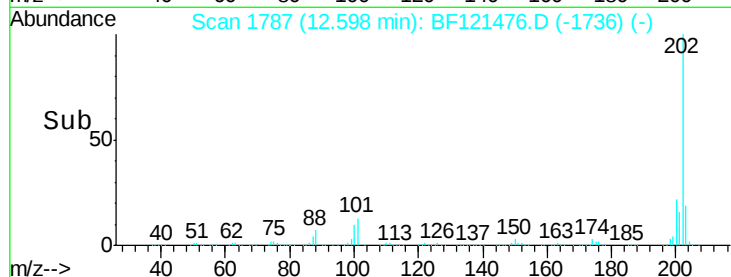
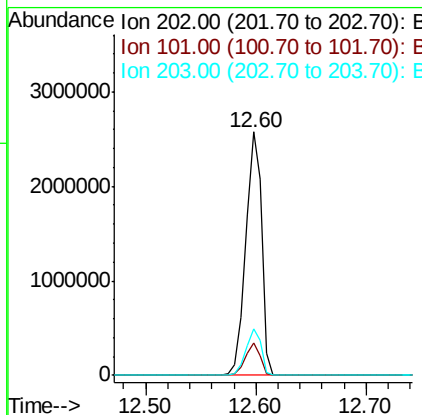
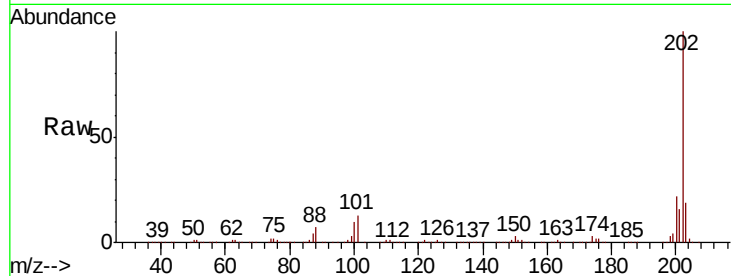
ClientSampleId :

PB131281BS

Tot Ion:	202	Resp:	2603854
Ion Ratio	Lower	Upper	
202	100		
101	13.3	0.0	33.3
203	19.1	0.0	39.1

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#76

Chrysene-d12

Concen: 20.000 ng

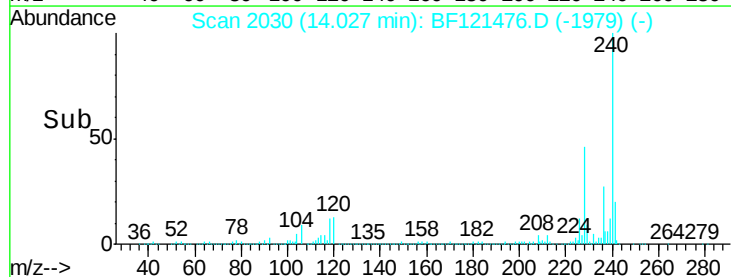
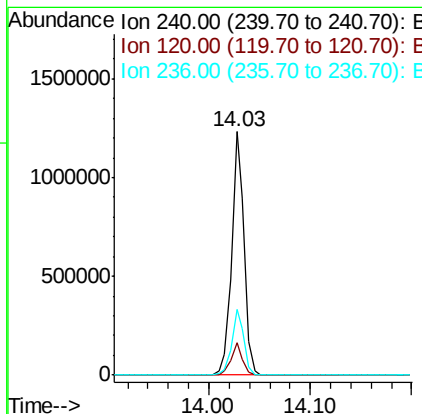
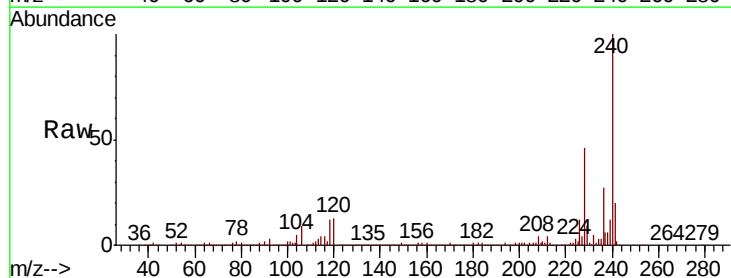
RT: 14.03 min Scan# 2030

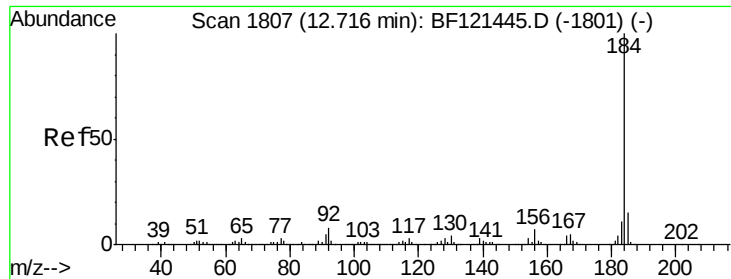
Delta R.T. -0.00 min

Lab File: BF121476.D

Acq: 31 Aug 2020 14:17

Tgt Ion:	240	Resp:	1037775
Ion Ratio	Lower	Upper	
240	100		
120	13.3	9.5	14.3
236	27.1	21.8	32.6





#77

Benzidine

Concen: 53.266 ng

RT: 12.72 min Scan# 1808

Delta R.T. 0.01 min

Lab File: BF121476.D

Acq: 31 Aug 2020 14:17

Instrument :

BNA_F

ClientSampleId :

PB131281BS

Tot Ion:184 Resp: 1205578

Ion Ratio Lower Upper

184 100

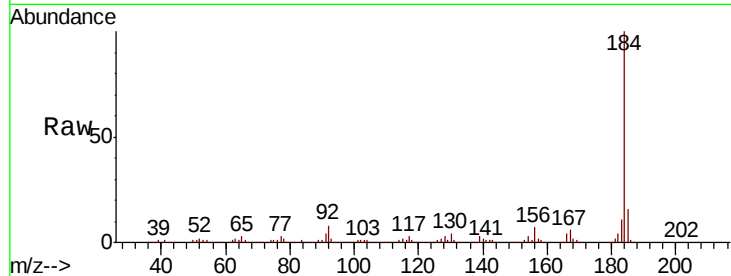
185 15.8 12.1 18.1

183 11.4 8.9 13.3

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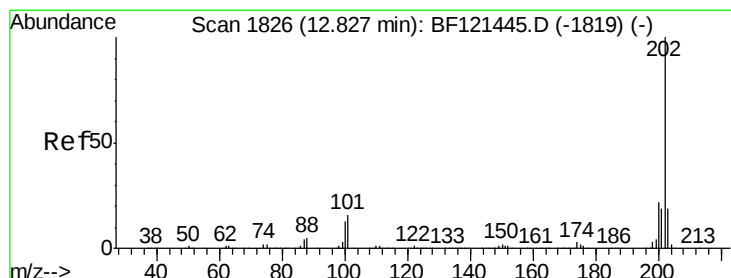
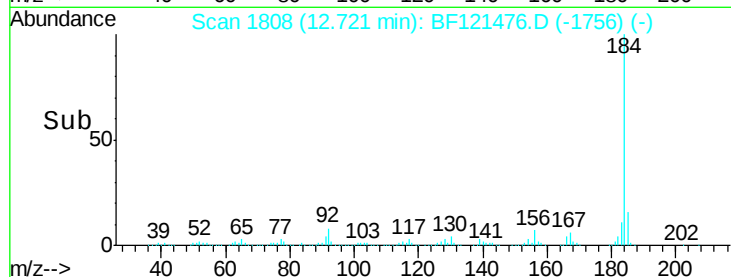
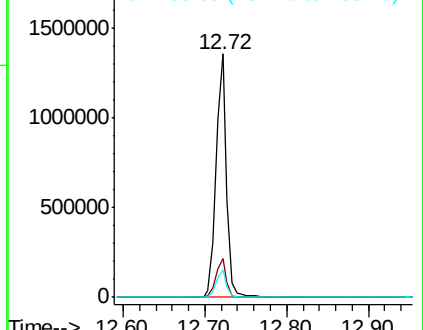
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Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 35.653 ng

RT: 12.83 min Scan# 1826

Delta R.T. -0.00 min

Lab File: BF121476.D

Acq: 31 Aug 2020 14:17

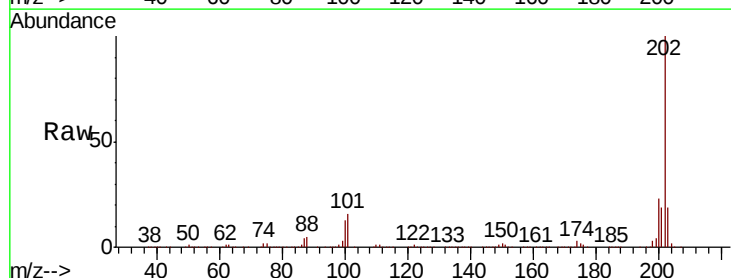
Tgt Ion:202 Resp: 2642465

Ion Ratio Lower Upper

202 100

200 22.6 18.0 27.0

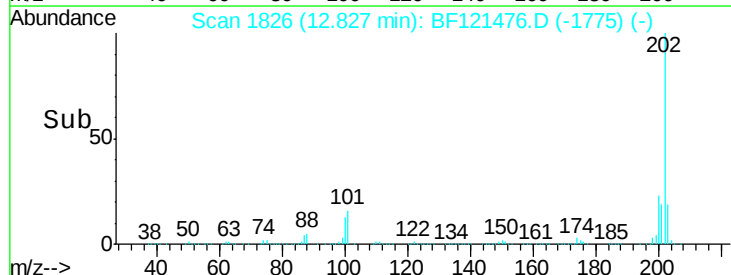
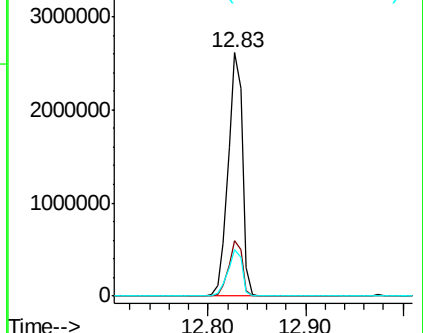
203 19.0 15.3 22.9

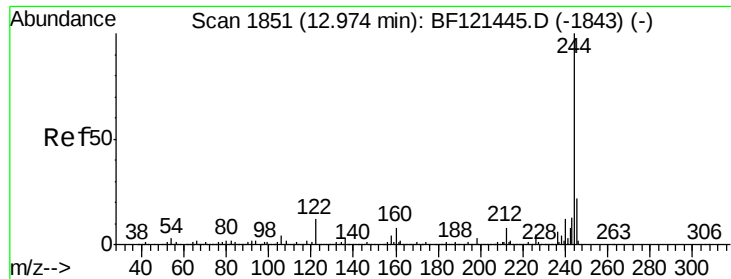


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 68.446 ng

RT: 12.97 min Scan# 1851

Delta R.T. -0.00 min

Lab File: BF121476.D

Acq: 31 Aug 2020 14:17

Instrument :

BNA_F

ClientSampleId :

PB131281BS

Tot Ion:244 Resp: 3374515

Ion Ratio Lower Upper

244 100

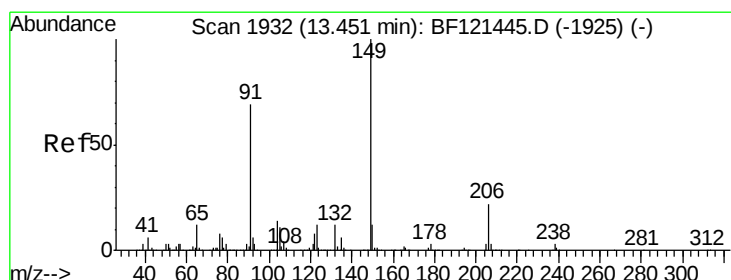
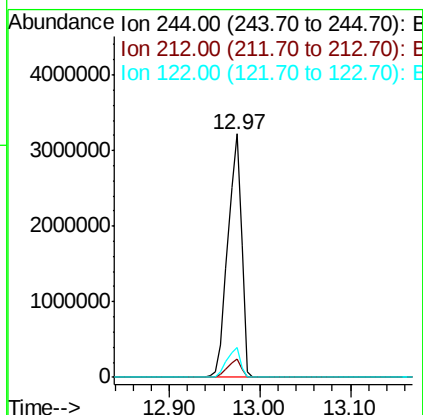
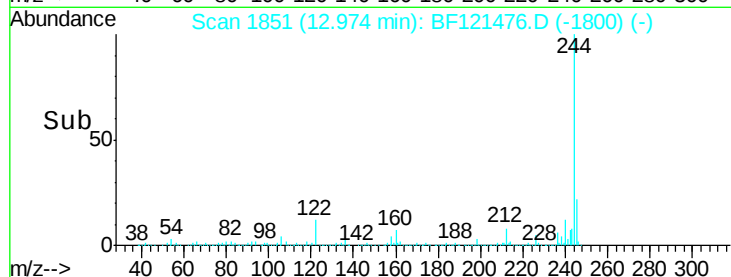
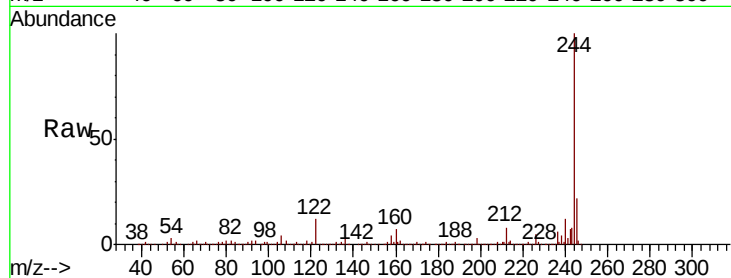
212 7.8 6.3 9.5

122 12.0 9.5 14.3

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#80

Butylbenzylphthalate

Concen: 40.508 ng

RT: 13.45 min Scan# 1932

Delta R.T. -0.00 min

Lab File: BF121476.D

Acq: 31 Aug 2020 14:17

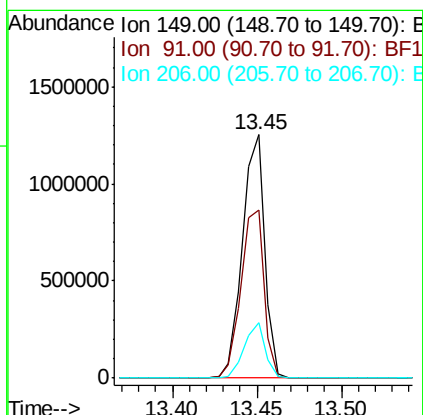
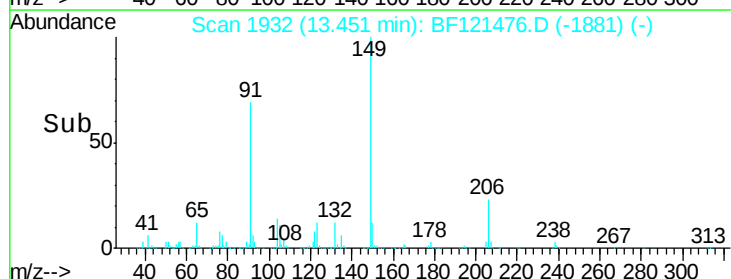
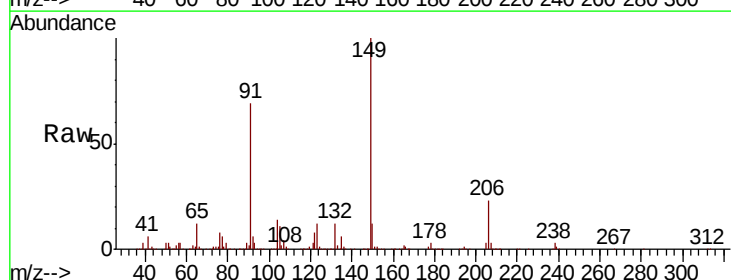
Tgt Ion:149 Resp: 1156626

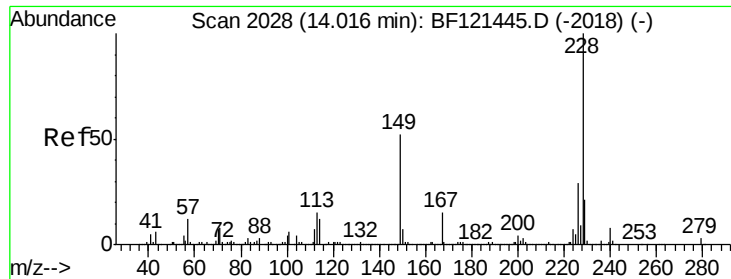
Ion Ratio Lower Upper

149 100

91 69.3 55.0 82.4

206 22.6 17.8 26.6





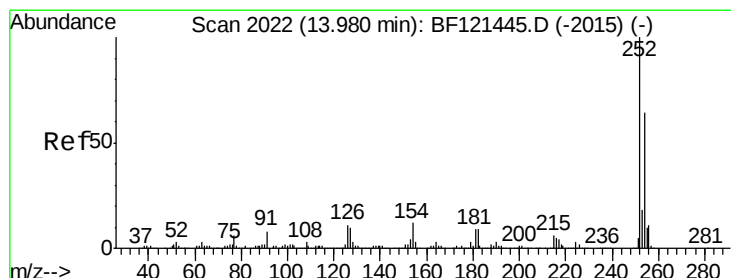
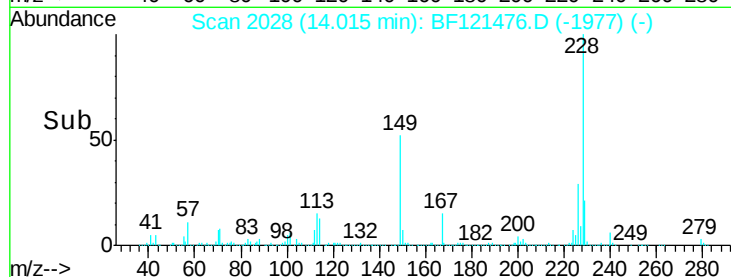
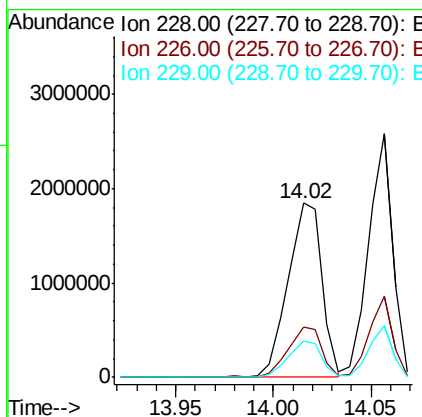
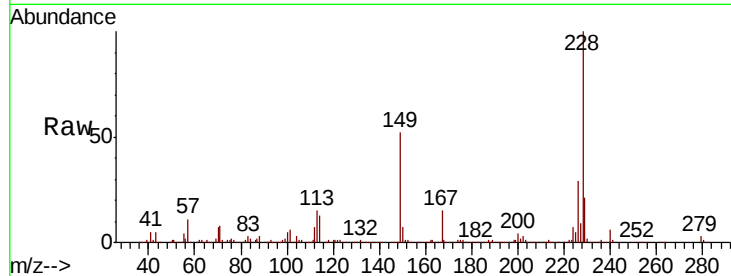
#81
Benzo(a)anthracene
Concen: 35.132 ng
RT: 14.02 min Scan# 228
Delta R.T. -0.00 min
Lab File: BF121476.D
Acq: 31 Aug 2020 14:17

Instrument :
BNA_F
ClientSampleId :
PB131281BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.7	23.0	34.4
229	20.8	16.6	24.8

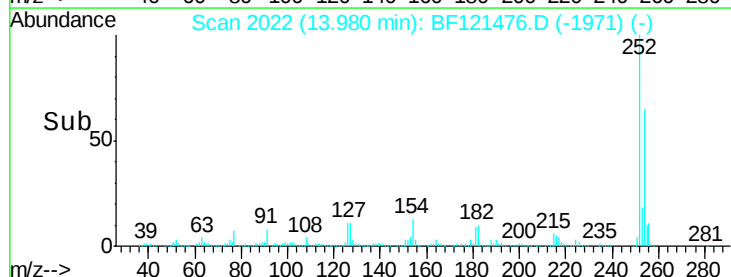
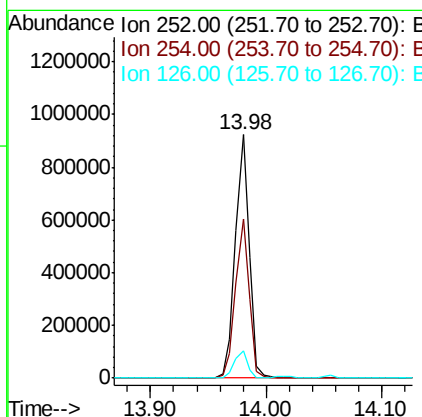
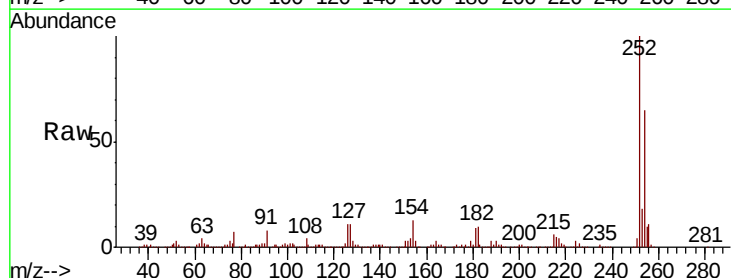
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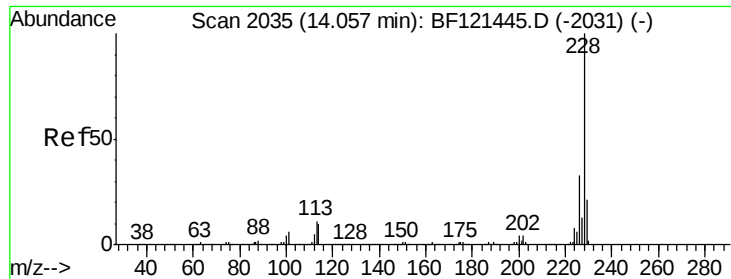
mohammad
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#82
3,3'-Dichlorobenzidine
Concen: 33.149 ng
RT: 13.98 min Scan# 222
Delta R.T. -0.00 min
Lab File: BF121476.D
Acq: 31 Aug 2020 14:17

Tgt Ion	Ratio	Lower	Upper
252	100		
254	65.4	51.4	77.2
126	11.4	8.5	12.7





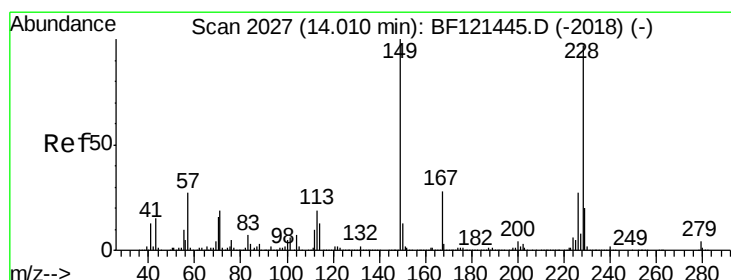
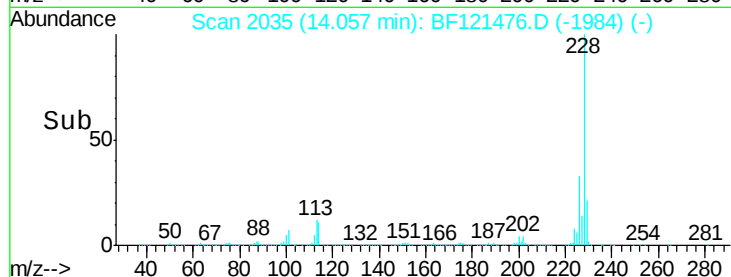
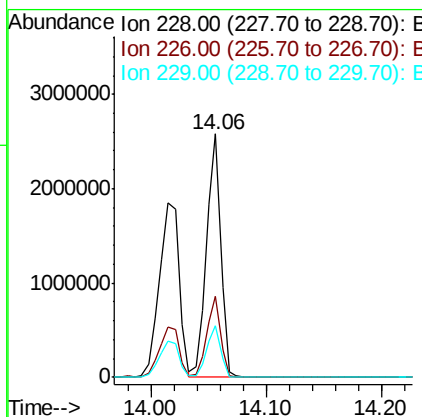
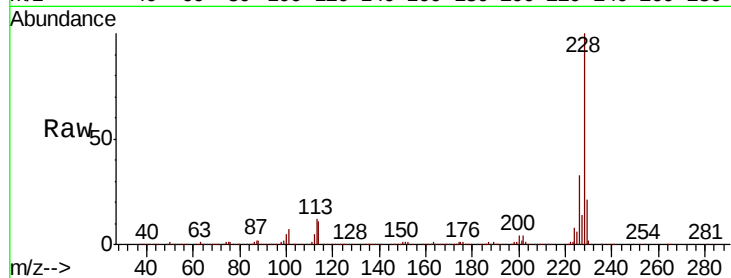
#83
Chrysene
Concen: 35.068 ng
RT: 14.06 min Scan# 2035
Delta R.T. -0.00 min
Lab File: BF121476.D
Acq: 31 Aug 2020 14:17

Instrument :
BNA_F
ClientSampleId :
PB131281BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	33.2	26.2	39.2
229	21.3	16.6	25.0

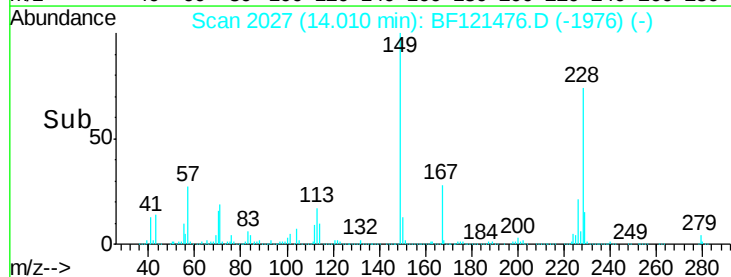
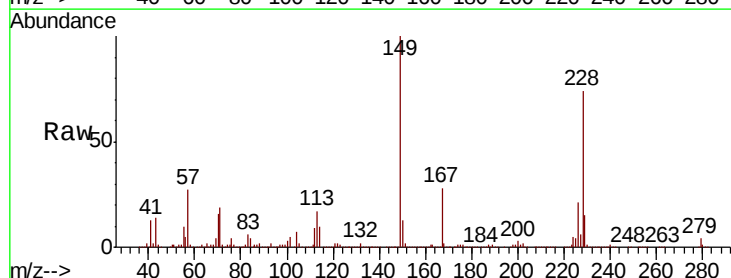
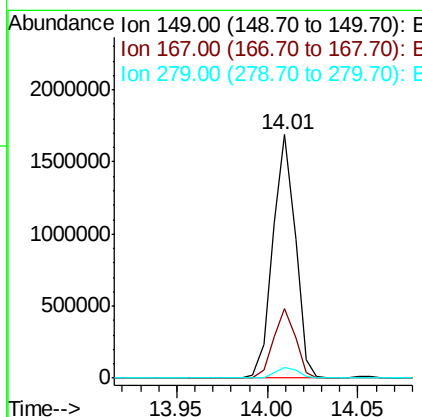
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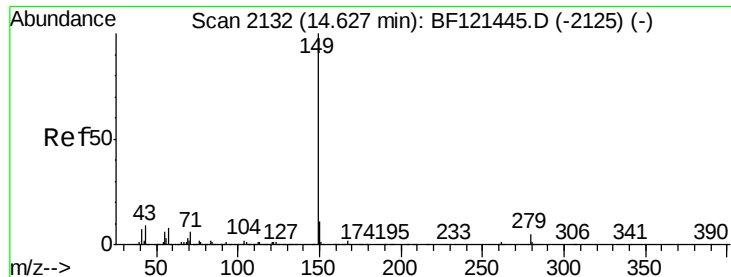
mohammad
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#84
Bis(2-ethylhexyl)phthalate
Concen: 39.588 ng
RT: 14.01 min Scan# 2027
Delta R.T. -0.00 min
Lab File: BF121476.D
Acq: 31 Aug 2020 14:17

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.3	22.6	34.0
279	4.3	3.3	4.9





#85

Di-n-octyl phthalate

Concen: 42.698 ng

RT: 14.62 min Scan# 2131

Delta R.T. -0.01 min

Lab File: BF121476.D

Acq: 31 Aug 2020 14:17

Instrument :

BNA_F

ClientSampleId :

PB131281BS

Tot Ion:149 Resp: 2668468

Ion Ratio Lower Upper

149 100

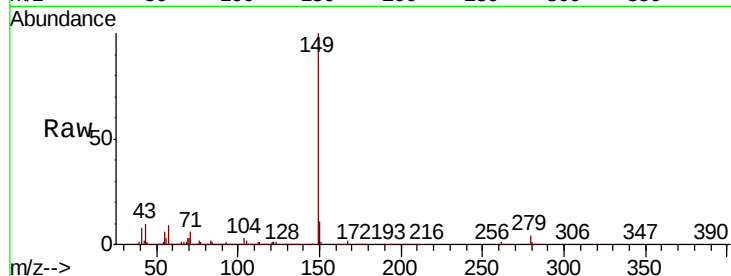
167 1.7 1.4 2.0

43 10.0 8.3 12.5

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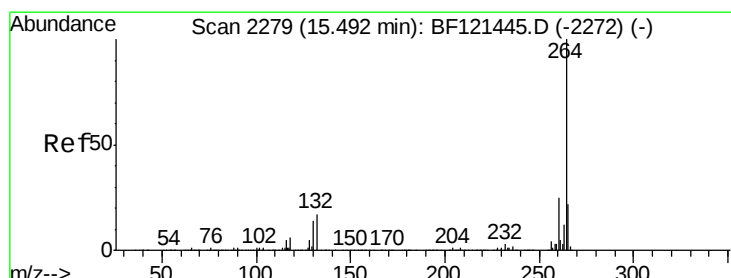
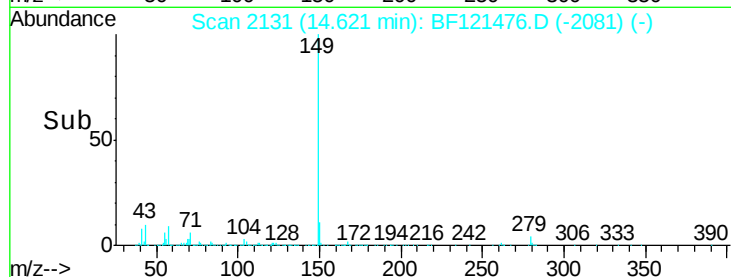
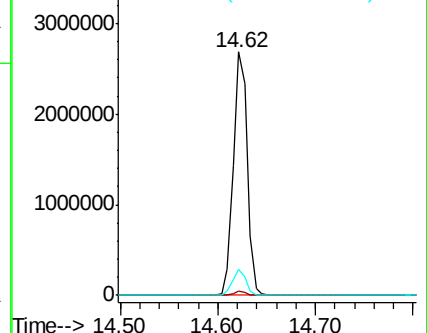
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.49 min Scan# 2279

Delta R.T. -0.00 min

Lab File: BF121476.D

Acq: 31 Aug 2020 14:17

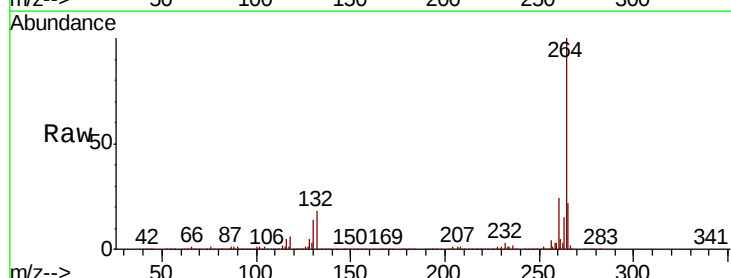
Tgt Ion:264 Resp: 1005131

Ion Ratio Lower Upper

264 100

260 24.4 19.6 29.4

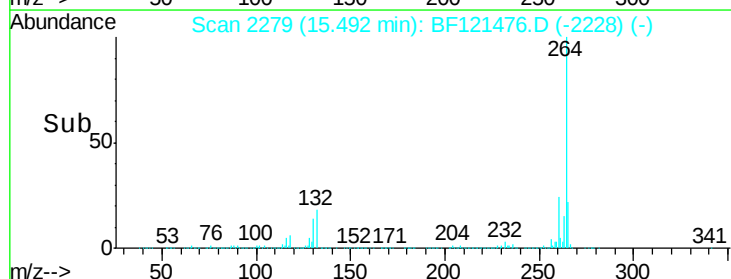
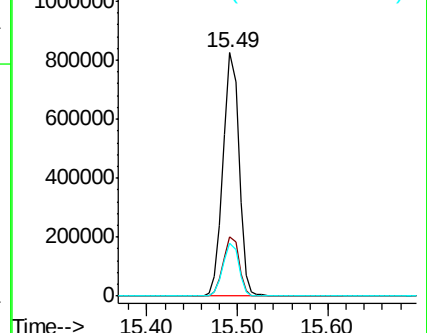
265 21.7 17.8 26.6

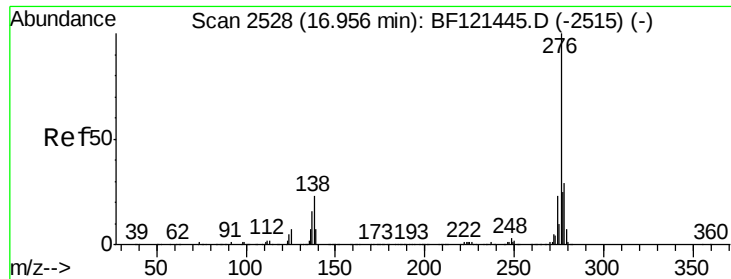


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





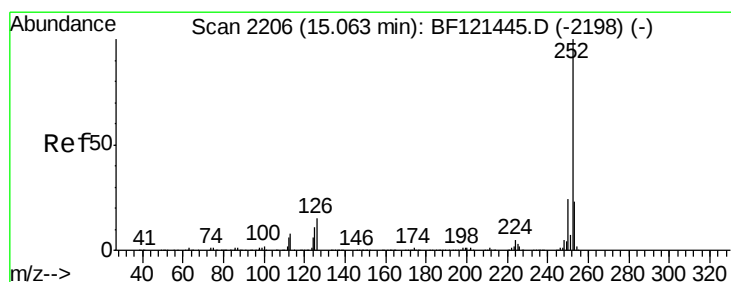
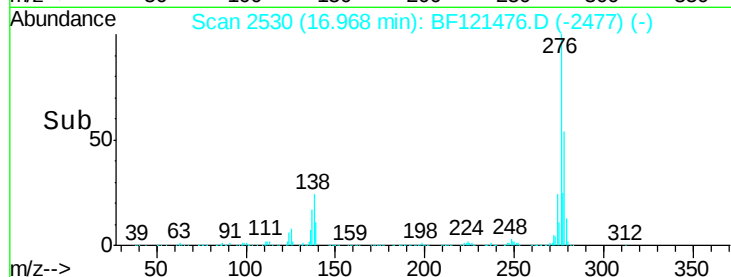
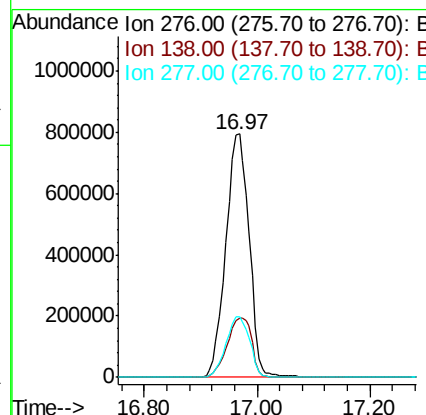
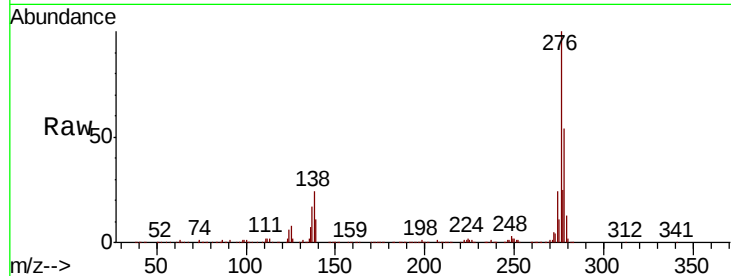
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 37.055 ng
 RT: 16.97 min Scan# 2530
 Delta R.T. 0.01 min
 Lab File: BF121476.D
 Acq: 31 Aug 2020 14:17

Instrument :
 BNA_F
 ClientSampleId :
 PB131281BS

Tot Ion	Ratio	Lower	Upper
276	100		
138	26.0	20.6	31.0
277	25.4	20.5	30.7

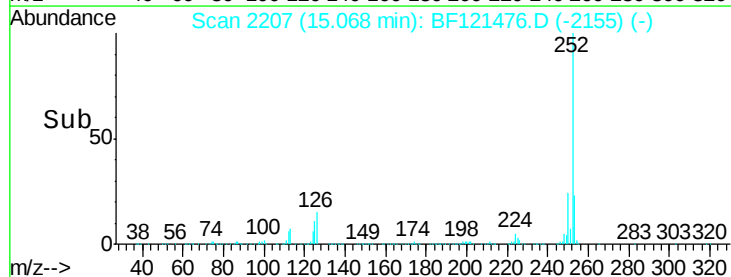
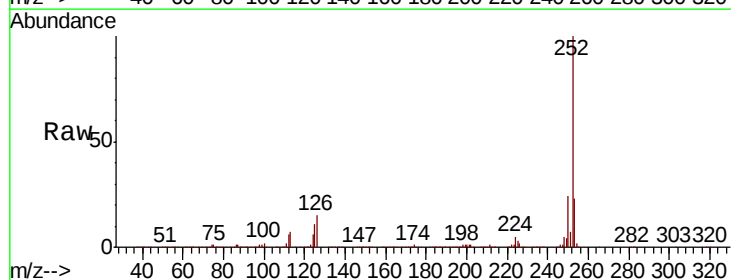
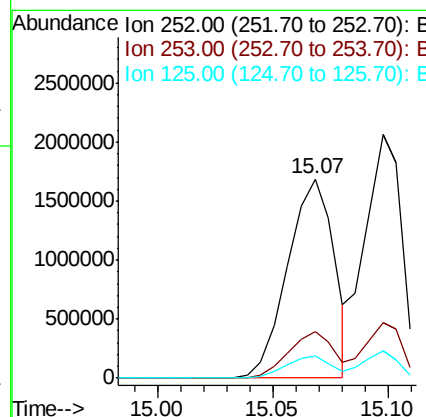
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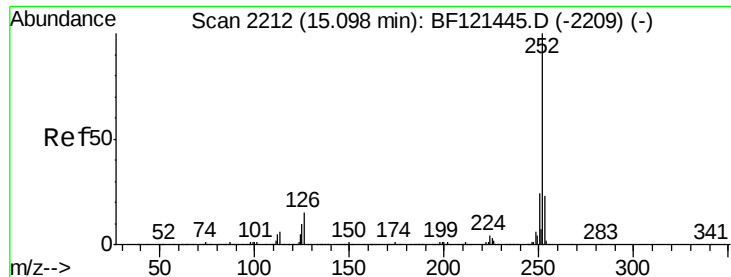
mohammad
 9/2/2020 1:55:32 PM



#88
 Benzo(b)fluoranthene
 Concen: 36.022 ng
 RT: 15.07 min Scan# 2207
 Delta R.T. 0.01 min
 Lab File: BF121476.D
 Acq: 31 Aug 2020 14:17

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.2	18.3	27.5
125	11.1	9.2	13.8





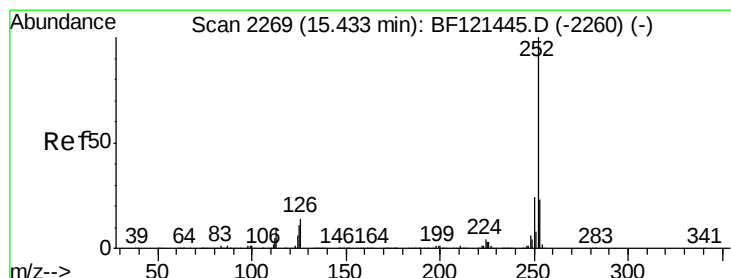
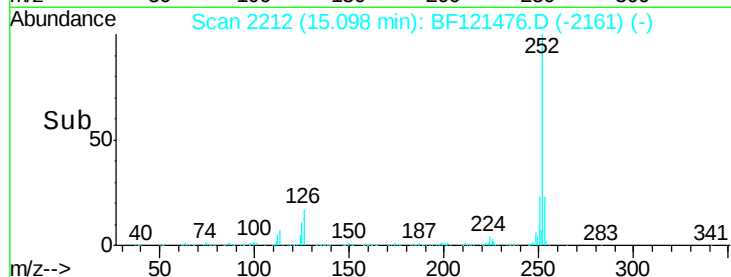
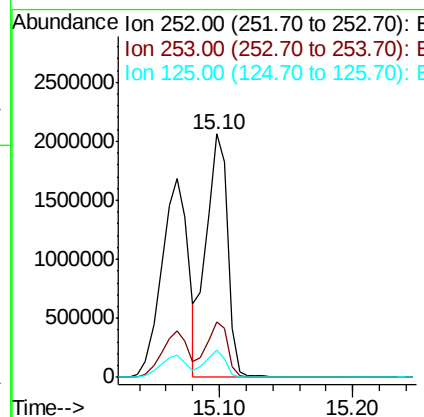
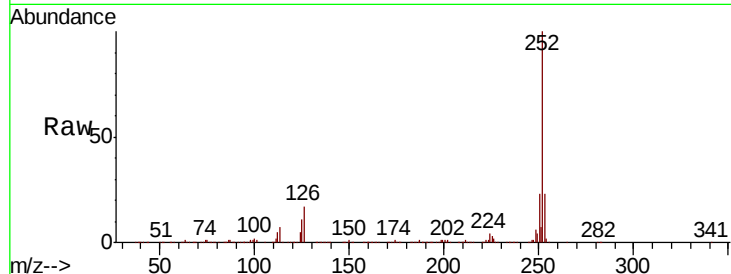
#89
Benzo(k)fluoranthene
Concen: 37.768 ng
RT: 15.10 min Scan# 2212
Delta R.T. -0.00 min
Lab File: BF121476.D
Acq: 31 Aug 2020 14:17

Instrument :
BNA_F
ClientSampleId :
PB131281BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.3	27.5
125	11.3	8.5	12.7

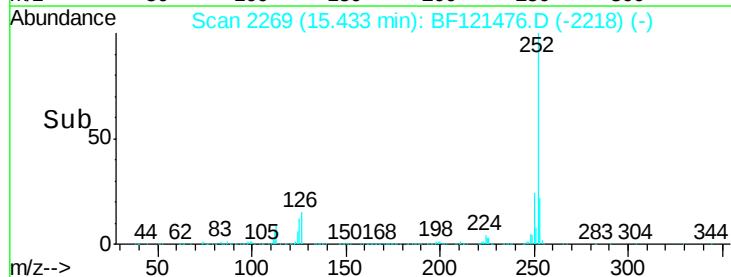
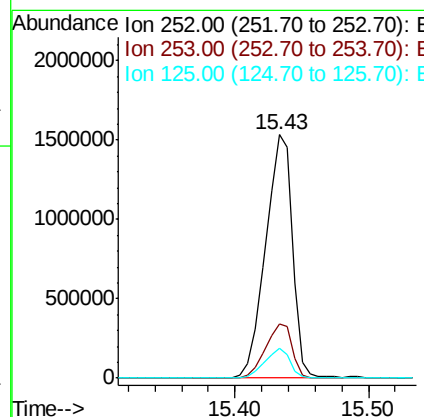
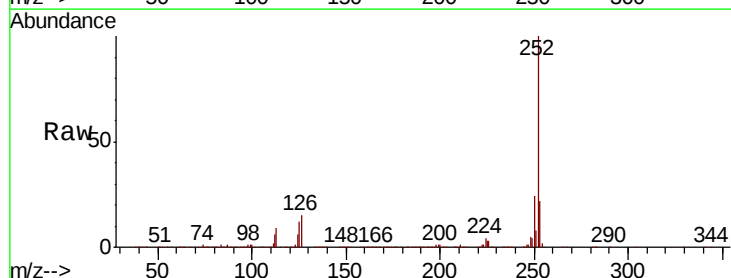
Manual Integrations
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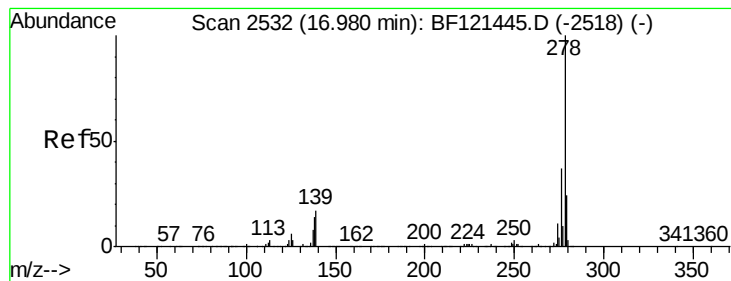
mohammad
9/2/2020 1:55:32 PM



#90
Benzo(a)pyrene
Concen: 36.205 ng
RT: 15.43 min Scan# 2269
Delta R.T. -0.00 min
Lab File: BF121476.D
Acq: 31 Aug 2020 14:17

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.0	27.0
125	12.0	9.0	13.4





#91

Dibenzo(a,h)anthracene

Concen: 37.554 ng

RT: 16.99 min Scan# 2533

Delta R.T. 0.01 min

Lab File: BF121476.D

Acq: 31 Aug 2020 14:17

Instrument :

BNA_F

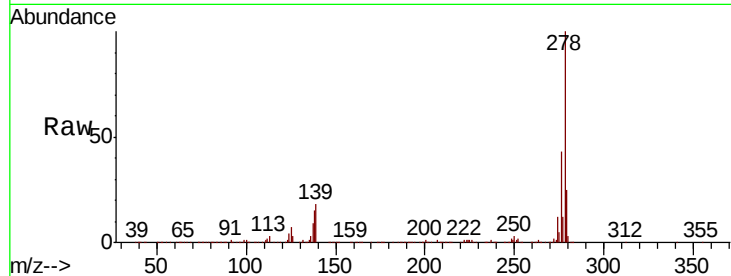
ClientSampleId :

PB131281BS

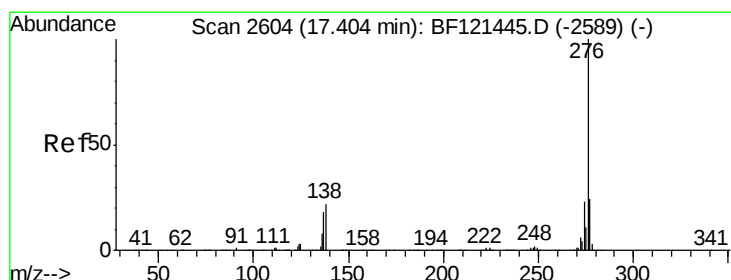
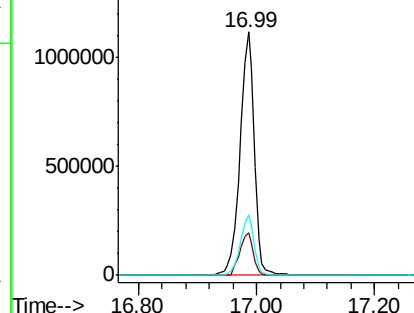
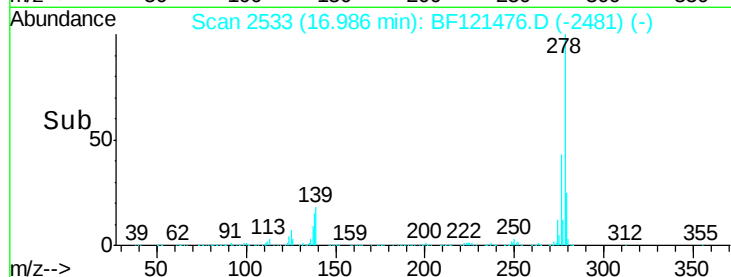
Tot	Ion:278	Resp:	1901131
Ion	Ratio	Lower	Upper
278	100		
139	17.6	13.3	19.9
279	24.8	19.4	29.0

Manual Integrations
APPROVED

mohammad
9/2/2020 1:55:32 PM



Abundance Ion 278.00 (277.70 to 278.70): E
1500000 Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 38.081 ng

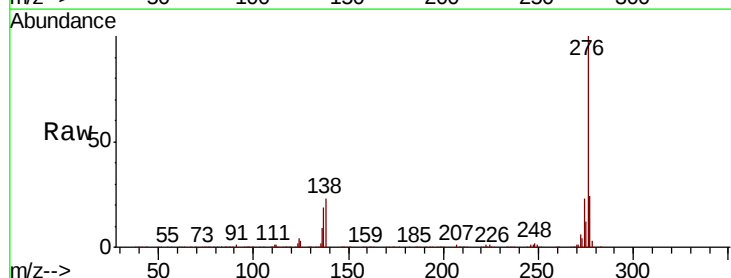
RT: 17.41 min Scan# 2605

Delta R.T. 0.01 min

Lab File: BF121476.D

Acq: 31 Aug 2020 14:17

Tgt Ion:276	Resp: 1857046
Ion Ratio	Lower Upper
276 100	
277 24.4	18.9 28.3
138 23.4	17.4 26.0



Abundance Ion 276.00 (275.70 to 276.70): E
1000000 Ion 277.00 (276.70 to 277.70): E
Ion 138.00 (137.70 to 138.70): E

