

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042320\
 Data File : BF120163.D
 Acq On : 23 Apr 2020 15:09
 Operator : MA/SJ
 Sample : PB128358BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB128358BS

Manual Integrations
 APPROVED

mohammad
 4/24/2020 1:34:05 PM

Quant Time: Apr 23 15:41:39 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 23 13:31:01 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	138551	20.00	ng	0.00
21) Naphthalene-d8	7.95	136	541332	20.00	ng	0.00
39) Acenaphthene-d10	9.70	164	286414	20.00	ng	0.00
64) Phenanthrene-d10	11.19	188	557393	20.00	ng	0.00
76) Chrysene-d12	13.83	240	407710	20.00	ng	0.00
87) Perylene-d12	15.23	264	365663	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.27	112	1022534	127.54	ng	0.01
7) Phenol-d6	6.31	99	1338295	129.55	ng	0.00
23) Nitrobenzene-d5	7.23	82	828134	79.14	ng	0.00
42) 2,4,6-Tribromophenol	10.50	330	369782	105.45	ng	0.00
45) 2-Fluorobiphenyl	9.03	172	1668114	82.69	ng	0.00
79) Terphenyl-d14	12.78	244	1862905	76.88	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.35	88	139183	38.978	ng	96
3) Pyridine	3.02	79	372772	38.049	ng	98
4) n-Nitrosodimethylamine	2.97	42	208697	41.692	ng	98
6) Aniline	6.33	93	476784	35.164	ng	# 43
8) 2-Chlorophenol	6.45	128	427747	47.752	ng	97
9) Benzaldehyde	6.21	77	170582	26.426	ng	97
10) Phenol	6.32	94	547076	46.679	ng	# 69
11) bis(2-Chloroethyl)ether	6.40	93	397972	43.979	ng	98
12) 1,3-Dichlorobenzene	6.60	146	425685	43.407	ng	97
13) 1,4-Dichlorobenzene	6.68	146	439045	43.949	ng	98
14) 1,2-Dichlorobenzene	6.83	146	410155	44.550	ng	99
15) Benzyl Alcohol	6.82	79	347618	43.324	ng	97
16) 2,2'-oxybis(1-Chloropropan	6.95	45	701770	39.853	ng	94
17) 2-Methylphenol	6.93	107	352070	44.041	ng	96
18) Hexachloroethane	7.17	117	164874	44.161	ng	99
19) n-Nitroso-di-n-propylamine	7.09	70	298202	44.890	ng	97
20) 3+4-Methylphenols	7.09	107	442428	45.252	ng	95
22) Acetophenone	7.08	105	573705	45.258	ng	# 93
24) Nitrobenzene	7.25	77	446300	42.399	ng	98
25) Isophorone	7.49	82	835680	41.429	ng	98
26) 2-Nitrophenol	7.57	139	232716	44.252	ng	92
27) 2,4-Dimethylphenol	7.62	122	361836	45.621	ng	99
28) bis(2-Chloroethoxy)methane	7.71	93	520872	43.883	ng	99
29) 2,4-Dichlorophenol	7.82	162	358826	44.137	ng	96
30) 1,2,4-Trichlorobenzene	7.89	180	378932	41.135	ng	98
31) Naphthalene	7.97	128	1222182	42.912	ng	98
32) Benzoic acid	7.76	122	276989	39.764	ng	99
33) 4-Chloroaniline	8.02	127	249423	20.116	ng	99
34) Hexachlorobutadiene	8.09	225	218051	39.543	ng	97
35) Caprolactam	8.40	113	111494m	44.833	ng	
36) 4-Chloro-3-methylphenol	8.52	107	396835	45.085	ng	96
37) 2-Methylnaphthalene	8.66	142	833902	43.187	ng	98
38) 1-Methylnaphthalene	8.76	142	792889	43.566	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.83	216	373645	41.304	ng	100

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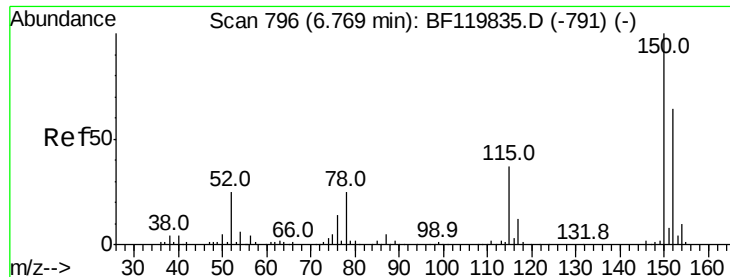
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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.82	237	400203	77.800	nq	98
43) 2,4,6-Trichlorophenol	8.95	196	260853	41.758	nq	99
44) 2,4,5-Trichlorophenol	8.99	196	284043	40.371	nq	94
46) 1,1'-Biphenyl	9.13	154	1009373	41.753	nq	99
47) 2-Chloronaphthalene	9.15	162	785099	42.157	nq	100
48) 2-Nitroaniline	9.25	65	279761	41.454	nq	98
49) Acenaphthylene	9.57	152	1254828	44.305	nq	97
50) Dimethylphthalate	9.44	163	936200	42.259	nq	99
51) 2,6-Dinitrotoluene	9.50	165	207832	42.841	nq	95
52) Acenaphthene	9.74	154	736893	39.004	nq	97
53) 3-Nitroaniline	9.66	138	141117	25.469	nq	98
54) 2,4-Dinitrophenol	9.78	184	240000	82.631	nq	97
55) Dibenzofuran	9.91	168	1120836	43.233	nq	99
56) 4-Nitrophenol	9.85	139	318408	77.236	nq	96
57) 2,4-Dinitrotoluene	9.90	165	267211	41.806	nq	93
58) Fluorene	10.26	166	904332	43.616	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.03	232	236510	43.952	nq	98
60) Diethylphthalate	10.14	149	976462	42.527	nq	100
61) 4-Chlorophenyl-phenylether	10.25	204	431698	40.623	nq	97
62) 4-Nitroaniline	10.29	138	224366	42.491	nq	99
63) Azobenzene	10.41	77	923465	44.878	nq	98
65) 4,6-Dinitro-2-methylphenol	10.32	198	162902	44.361	nq	96
66) n-Nitrosodiphenylamine	10.37	169	815003	43.965	nq	99
67) 4-Bromophenyl-phenylether	10.73	248	270815	39.069	nq	97
68) Hexachlorobenzene	10.80	284	286528	40.746	nq	# 92
69) Atrazine	10.90	200	250563	48.581	nq	99
70) Pentachlorophenol	11.00	266	281423	69.446	nq	98
71) Phenanthrene	11.22	178	1286549	43.369	nq	98
72) Anthracene	11.27	178	1344038	44.351	nq	98
73) Carbazole	11.42	167	1224613	42.732	nq	98
74) Di-n-butylphthalate	11.76	149	1590013	42.205	nq	100
75) Fluoranthene	12.40	202	1425865	44.547	nq	99
77) Benzidine	12.53	184	777942	56.447	nq	98
78) Pyrene	12.63	202	1412810	41.105	nq	98
80) Butylbenzylphthalate	13.26	149	660379	39.596	nq	97
81) Benzo(a)anthracene	13.82	228	1145174	42.696	nq	99
82) 3,3'-Dichlorobenzidine	13.78	252	244961	24.477	nq	98
83) Chrysene	13.86	228	1161862	42.632	nq	98
84) Bis(2-ethylhexyl)phthalate	13.82	149	891446	39.470	nq	100
85) Di-n-octyl phthalate	14.43	149	1564194	40.676	nq	98
86) Indeno(1,2,3-cd)pyrene	16.58	276	972719	40.490	nq	99
88) Benzo(b)fluoranthene	14.84	252	1150748	43.746	nq	99
89) Benzo(k)fluoranthene	14.86	252	967582	42.632	nq	98
90) Benzo(a)pyrene	15.17	252	940929	42.543	nq	99
91) Dibenzo(a,h)anthracene	16.60	278	815587	41.630	nq	100
92) Benzo(g,h,i)perylene	16.99	276	784169	40.550	nq	99

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



#1

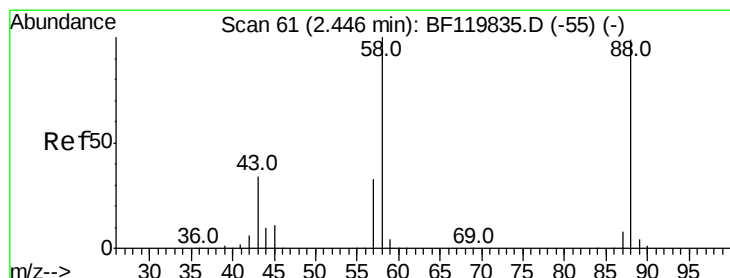
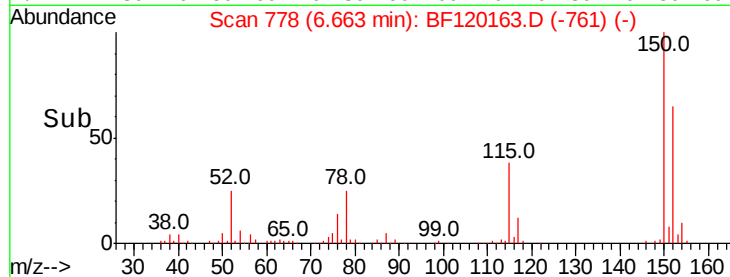
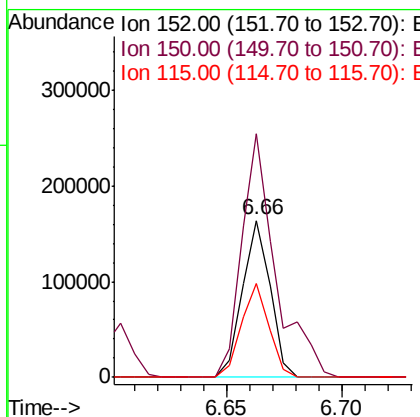
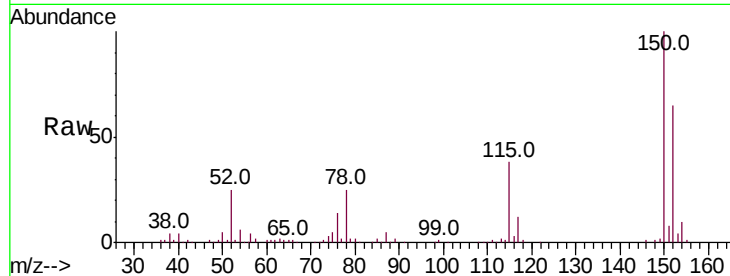
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.66 min Scan# 778
Delta R.T. -0.00 min
Lab File: BF120163.D
Acq: 23 Apr 2020 15:09

Instrument :
BNA_F
ClientSampleId :
PB128358BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.0	124.5	186.7
115	59.5	49.6	74.4

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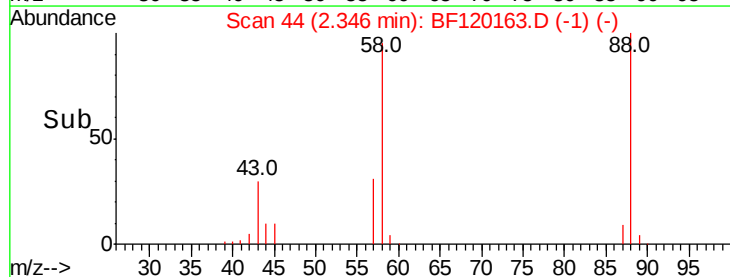
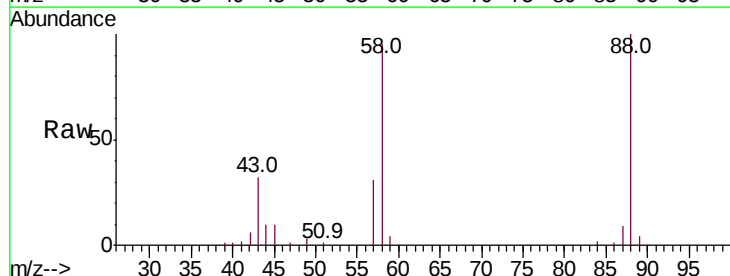
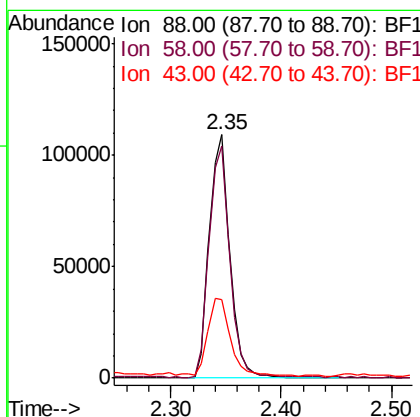
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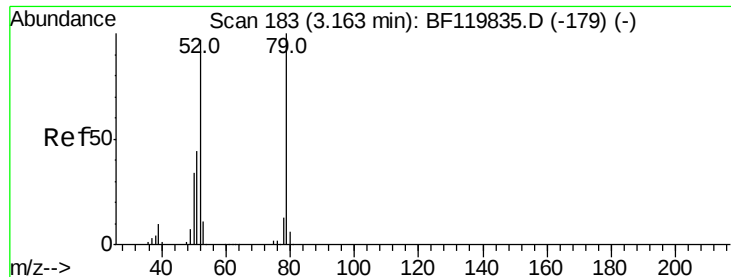


#2

1,4-Dioxane
Concen: 38.978 ng
RT: 2.35 min Scan# 44
Delta R.T. 0.08 min
Lab File: BF120163.D
Acq: 23 Apr 2020 15:09

Tgt Ion	Ratio	Lower	Upper
88	100		
58	95.1	80.6	121.0
43	34.7	27.5	41.3





#3

Pvridine

Concen: 38.049 ng

RT: 3.02 min Scan# 158

Delta R.T. 0.07 min

Lab File: BF120163.D

Acq: 23 Apr 2020 15:09

Instrument :

BNA_F

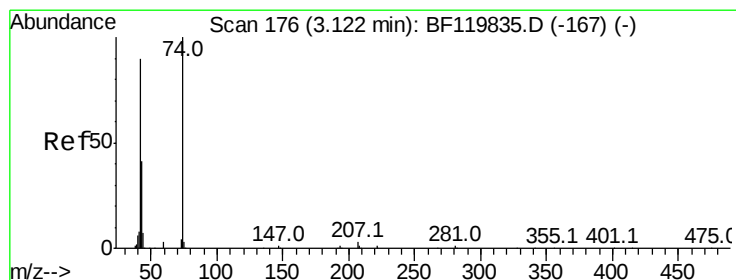
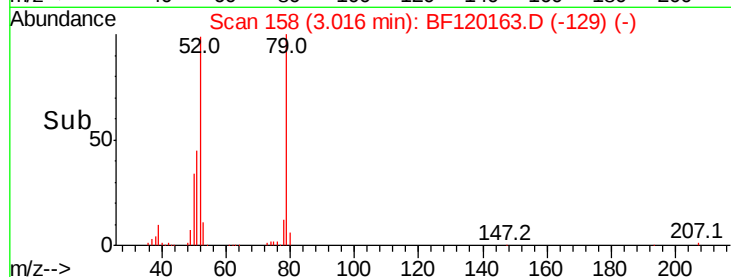
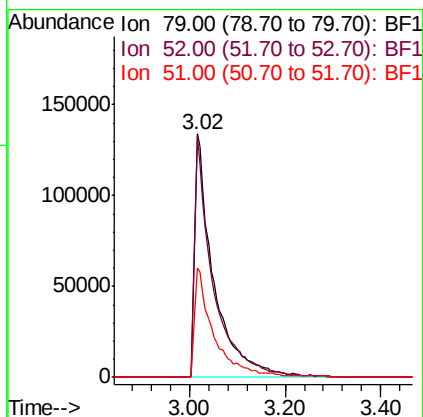
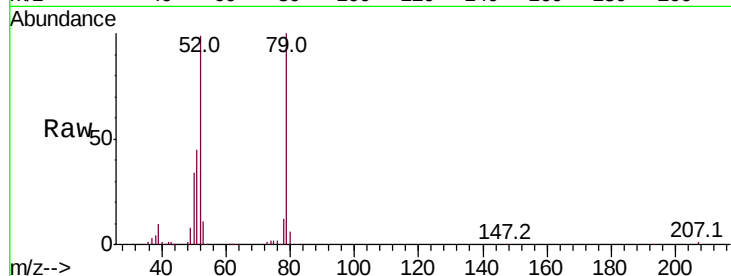
ClientSampleId :

PB128358BS

Tot Ion:	79	Resp:	372772
Ion Ratio	Lower	Upper	
79	100		
52	98.8	80.2	120.2
51	44.8	37.7	56.5

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#4

n-Nitrosodimethylamine

Concen: 41.692 ng

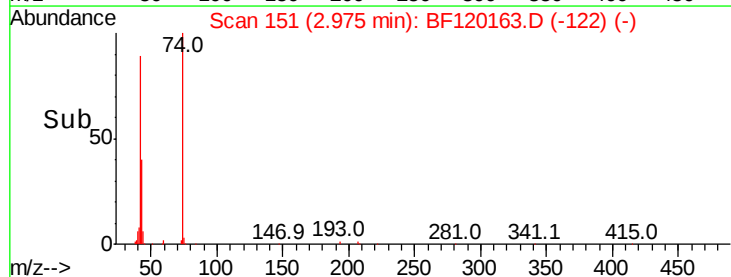
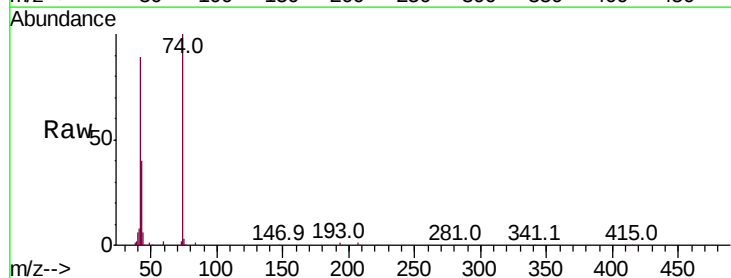
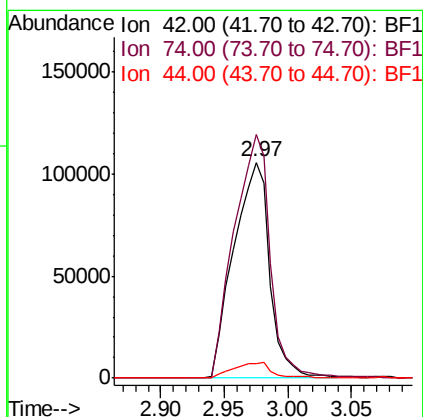
RT: 2.97 min Scan# 151

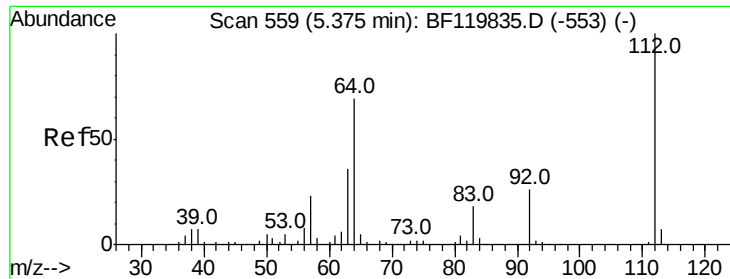
Delta R.T. 0.07 min

Lab File: BF120163.D

Acq: 23 Apr 2020 15:09

Tgt Ion:	42	Resp:	208697
Ion Ratio	Lower	Upper	
42	100		
74	112.7	91.5	137.3
44	6.7	6.2	9.4





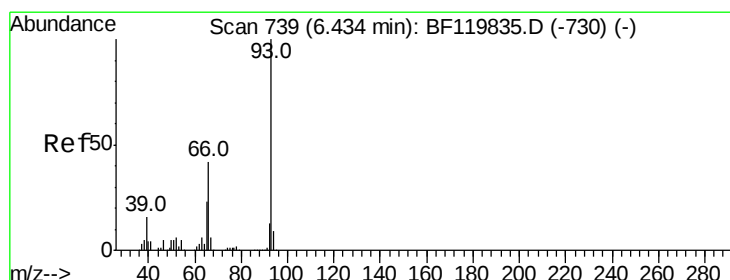
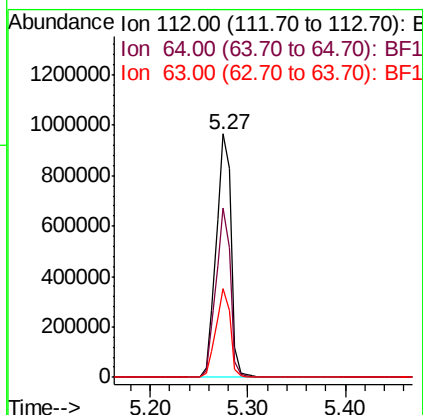
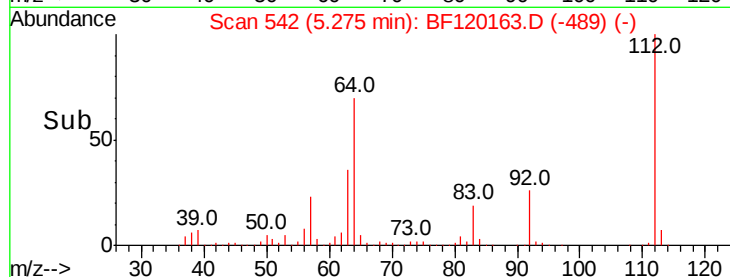
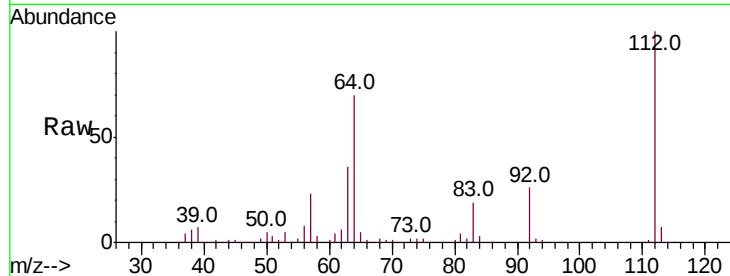
#5
2-Fluorophenol
Concen: 127.543 ng
RT: 5.27 min Scan# 542
Delta R.T. 0.01 min
Lab File: BF120163.D
Acq: 23 Apr 2020 15:09

Instrument :
BNA_F
ClientSampleId :
PB128358BS

Tot Ion: 112 Resp: 1022534
Ion Ratio Lower Upper
112 100
64 69.5 56.7 85.1
63 36.2 29.5 44.3

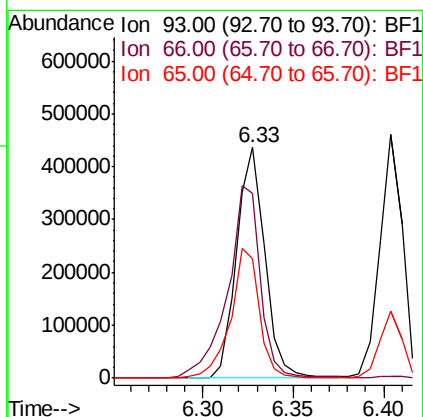
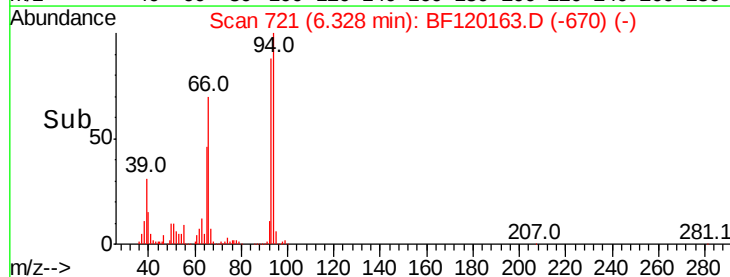
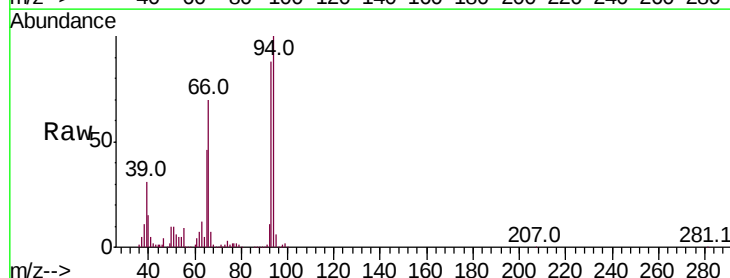
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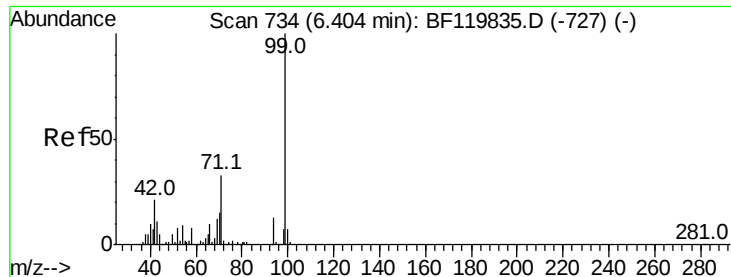
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#6
Aniline
Concen: 35.164 ng
RT: 6.33 min Scan# 721
Delta R.T. -0.00 min
Lab File: BF120163.D
Acq: 23 Apr 2020 15:09

Tgt Ion: 93 Resp: 476784
Ion Ratio Lower Upper
93 100
66 80.0 34.9 52.3#
65 51.7 18.6 27.8#





#7

Phenol-d6

Concen: 129.548 ng

RT: 6.31 min Scan# 718

Delta R.T. -0.00 min

Lab File: BF120163.D

Acq: 23 Apr 2020 15:09

Instrument :

BNA_F

ClientSampleId :

PB128358BS

Tot Ion: 99 Resp: 1338295

Ion Ratio Lower Upper

99 100

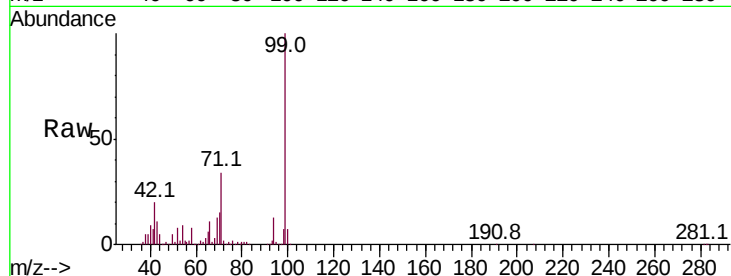
42 20.1 16.6 24.8

71 33.6 26.4 39.6

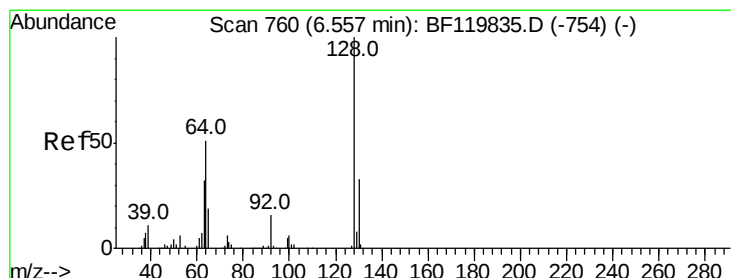
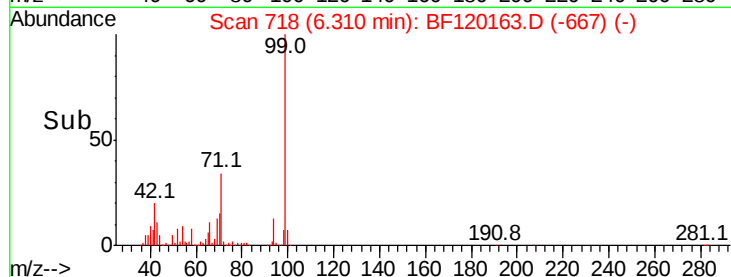
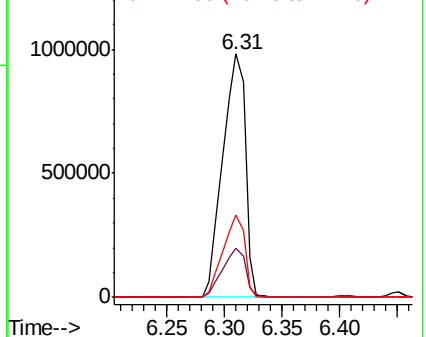
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Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 47.752 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.00 min

Lab File: BF120163.D

Acq: 23 Apr 2020 15:09

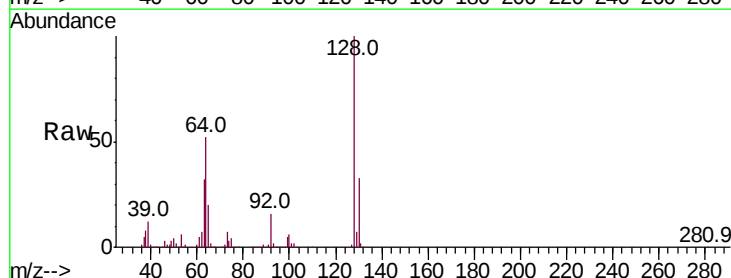
Tgt Ion: 128 Resp: 427747

Ion Ratio Lower Upper

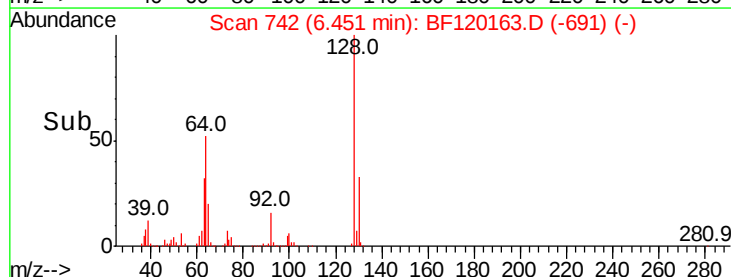
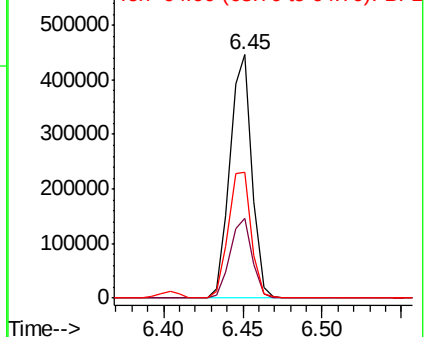
128 100

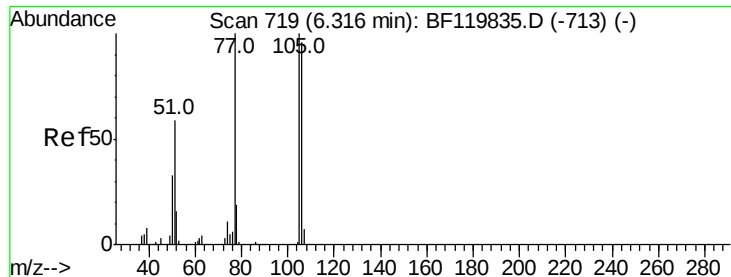
130 32.9 12.6 52.6

64 51.6 35.3 75.3



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





#9

Benzaldehyde

Concen: 26.426 ng

RT: 6.21 min Scan# 701

Delta R.T. -0.00 min

Lab File: BF120163.D

Acq: 23 Apr 2020 15:09

Instrument :

BNA_F

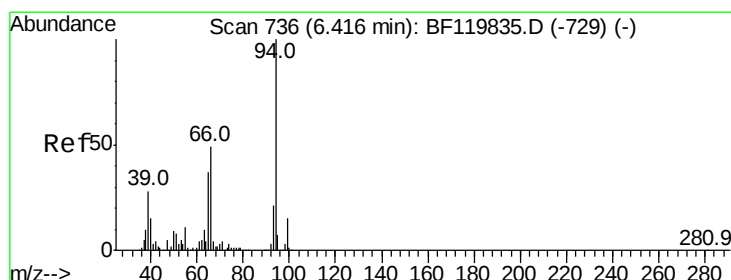
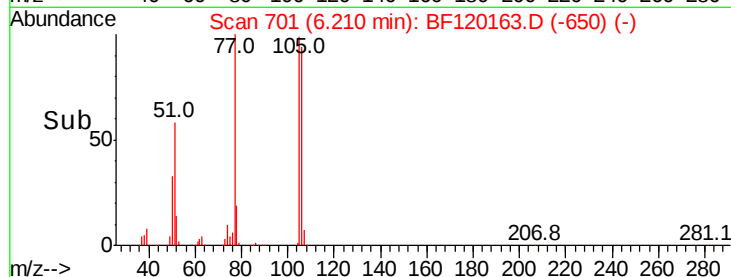
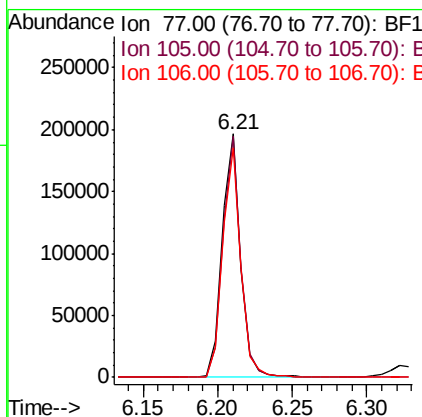
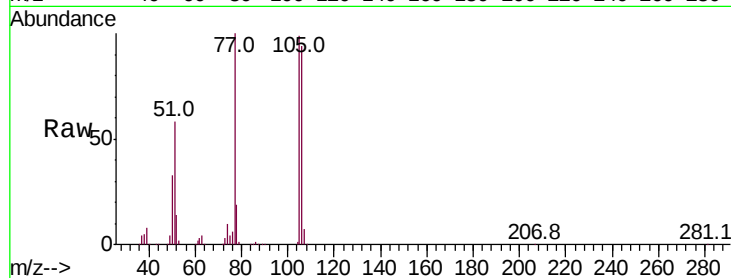
ClientSampled :

PB128358BS

Tot Ion	77	Resp	170582
Ion	Ratio	Lower	Upper
77	100		
105	99.0	80.9	120.9
106	94.3	77.9	117.9

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#10

Phenol

Concen: 46.679 ng

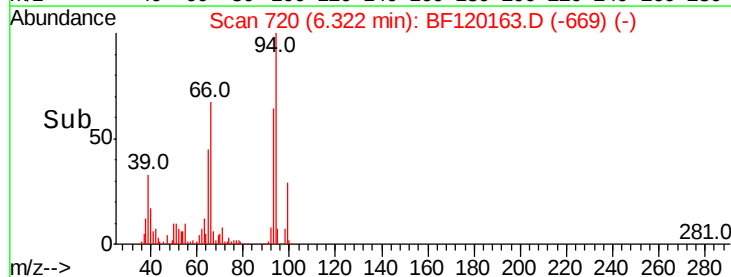
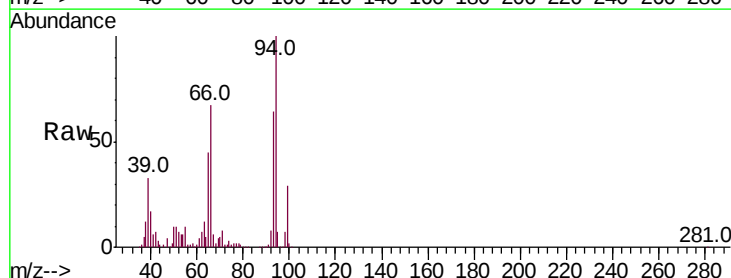
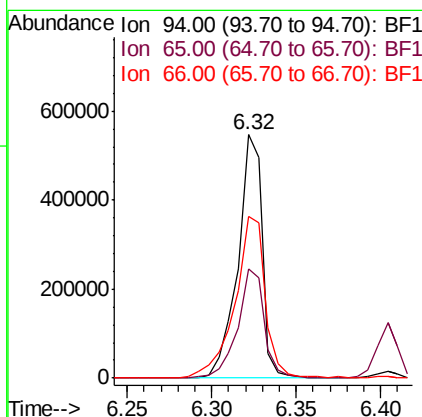
RT: 6.32 min Scan# 720

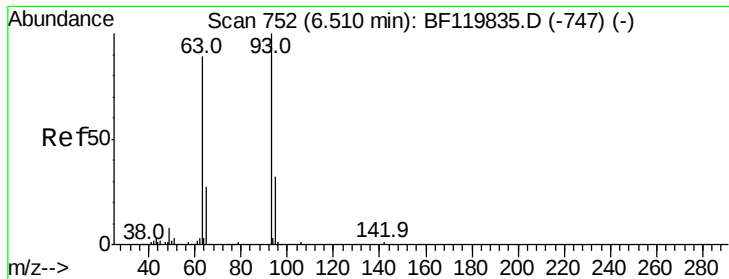
Delta R.T. -0.00 min

Lab File: BF120163.D

Acq: 23 Apr 2020 15:09

Tgt Ion	94	Resp	547076
Ion	Ratio	Lower	Upper
94	100		
65	44.9	13.2	53.2
66	66.7	22.3	62.3#





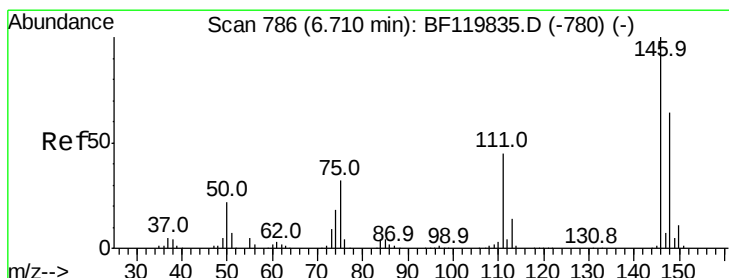
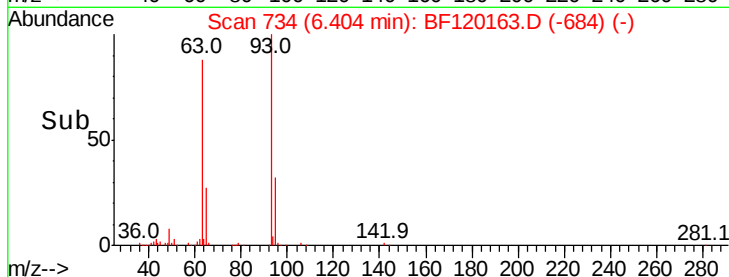
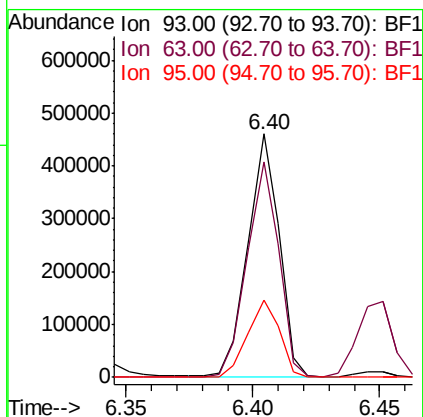
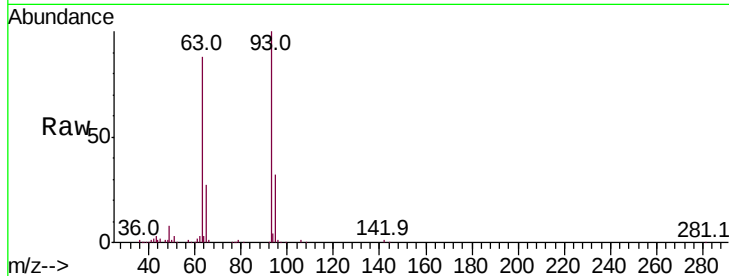
#11
bis(2-Chloroethyl)ether
Concen: 43.979 ng
RT: 6.40 min Scan# 734
Delta R.T. -0.01 min
Lab File: BF120163.D
Acq: 23 Apr 2020 15:09

Instrument :
BNA_F
ClientSampleId :
PB128358BS

Tot Ion:	93	Resp:	397972
Ion Ratio	Lower	Upper	
93	100		
63	88.4	70.2	110.2
95	31.7	13.4	53.4

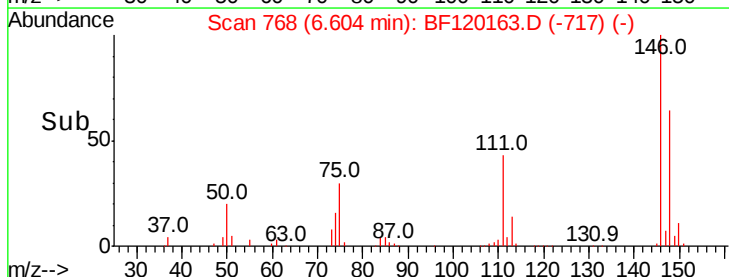
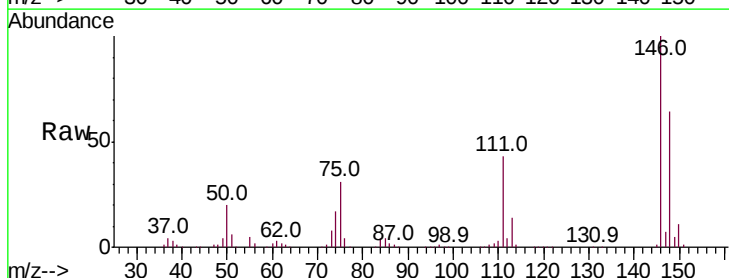
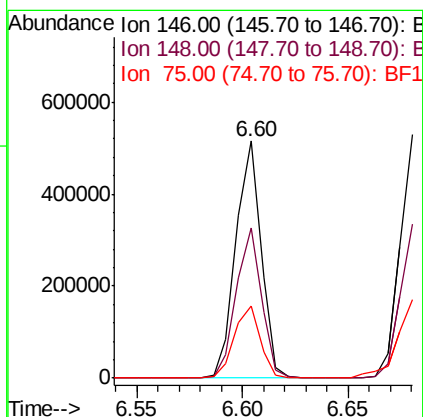
Manual Integrations
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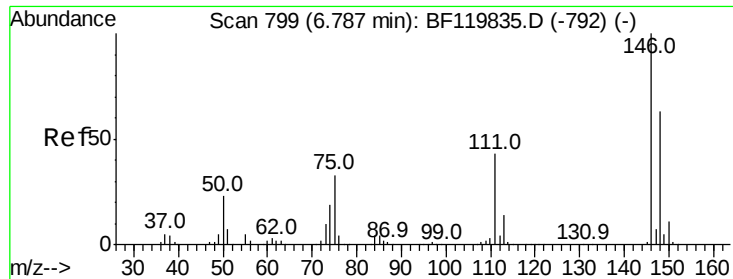
mohammad
4/24/2020 1:34:05 PM



#12
1,3-Dichlorobenzene
Concen: 43.407 ng
RT: 6.60 min Scan# 768
Delta R.T. -0.00 min
Lab File: BF120163.D
Acq: 23 Apr 2020 15:09

Tgt Ion:	146	Resp:	425685
Ion Ratio	Lower	Upper	
146	100		
148	63.5	52.2	78.4
75	30.5	23.0	34.4





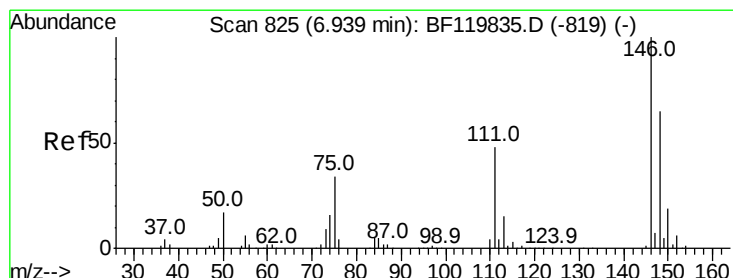
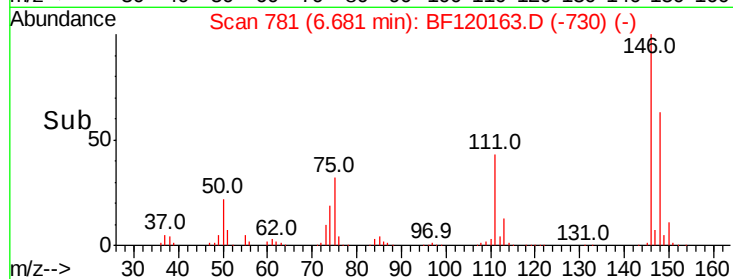
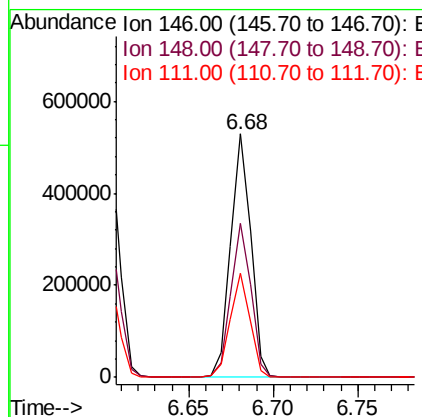
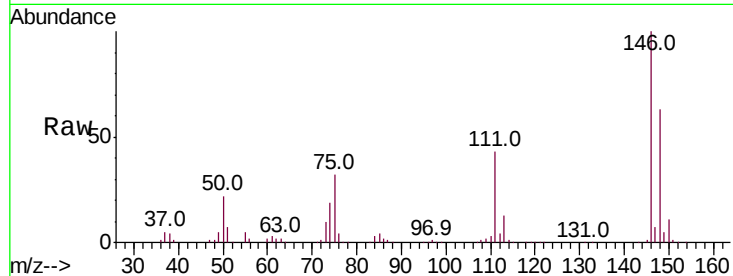
#13
 1,4-Dichlorobenzene
 Concen: 43.949 ng
 RT: 6.68 min Scan# 781
 Delta R.T. -0.00 min
 Lab File: BF120163.D
 Acq: 23 Apr 2020 15:09

Instrument :
 BNA_F
 ClientSampleId :
 PB128358BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.1	51.5	77.3
111	42.5	33.3	49.9

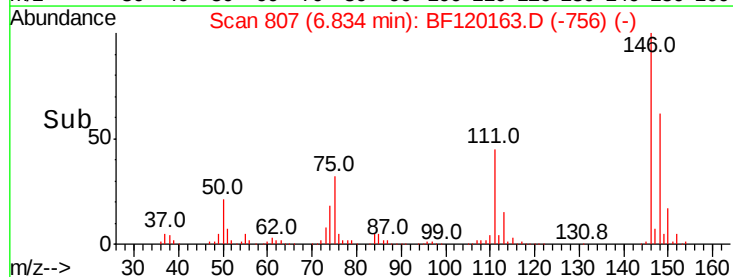
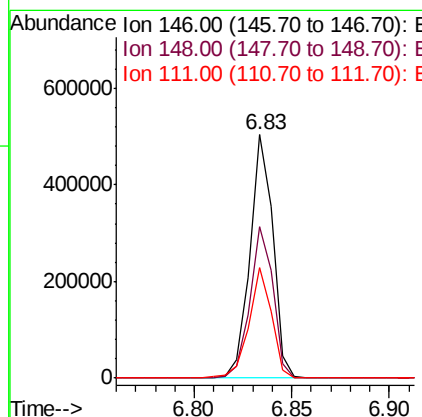
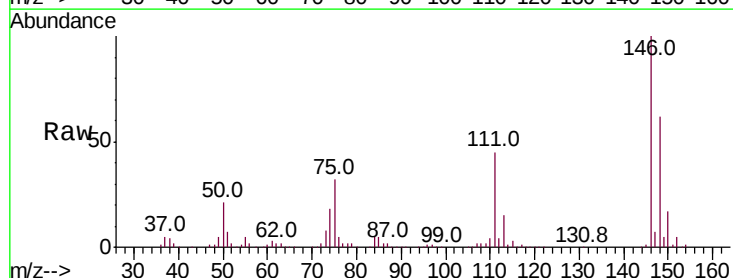
Manual Integrations
 APPROVED

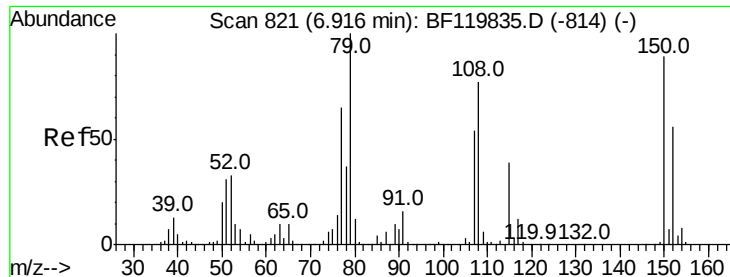
mohammad
 4/24/2020 1:34:05 PM



#14
 1,2-Dichlorobenzene
 Concen: 44.550 ng
 RT: 6.83 min Scan# 807
 Delta R.T. -0.00 min
 Lab File: BF120163.D
 Acq: 23 Apr 2020 15:09

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.3	50.6	75.8
111	45.1	36.1	54.1





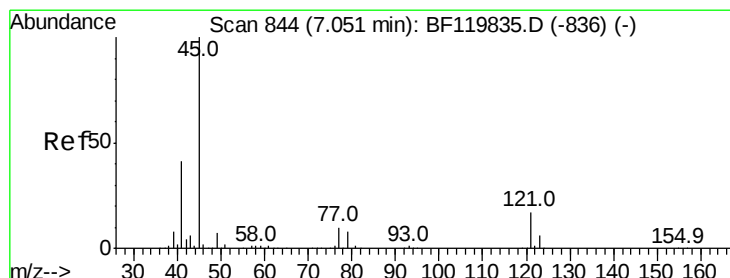
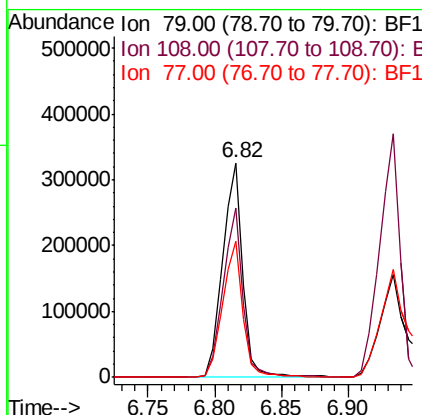
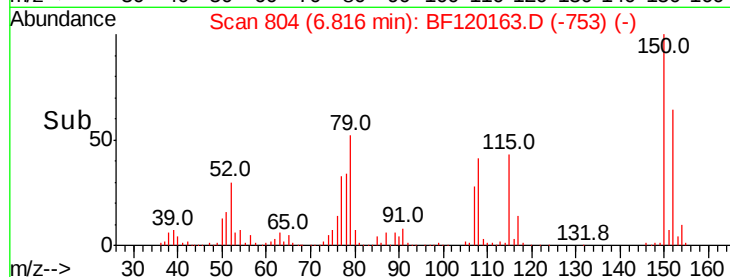
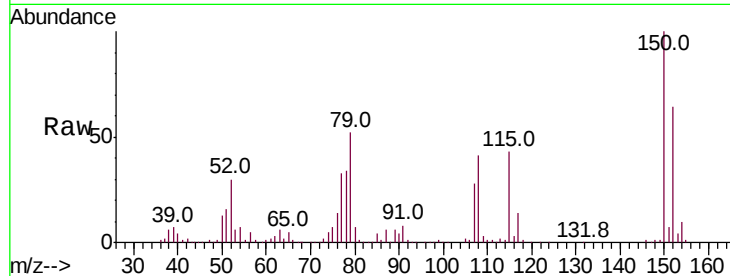
#15
Benzyl Alcohol
Concen: 43.324 ng
RT: 6.82 min Scan# 804
Delta R.T. -0.00 min
Lab File: BF120163.D
Acq: 23 Apr 2020 15:09

Instrument :
BNA_F
ClientSampleID :
PB128358BS

Tot Ion	Ratio	Lower	Upper
79	100		
108	79.1	60.6	90.8
77	63.3	50.2	75.2

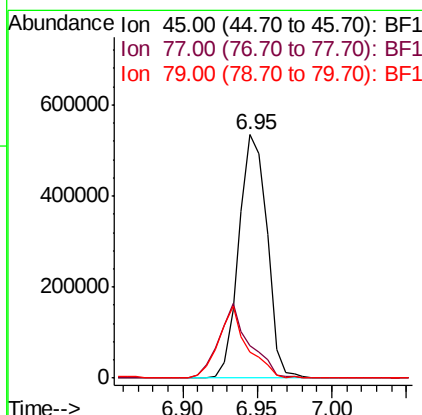
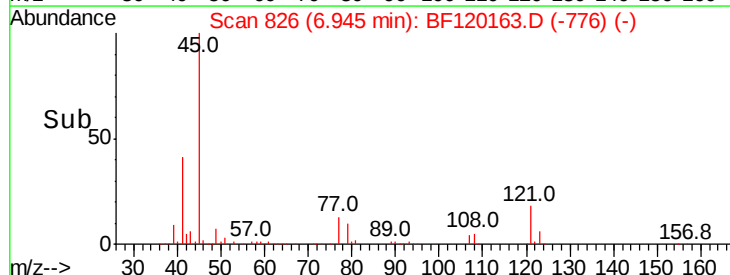
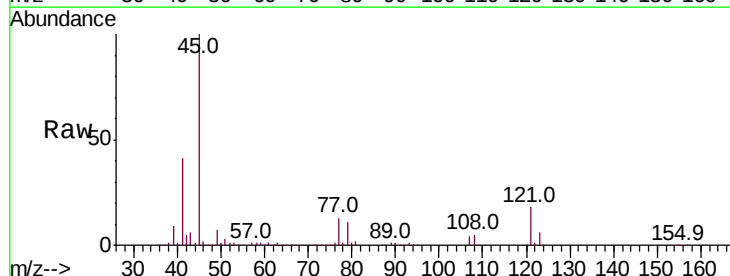
Manual Integrations
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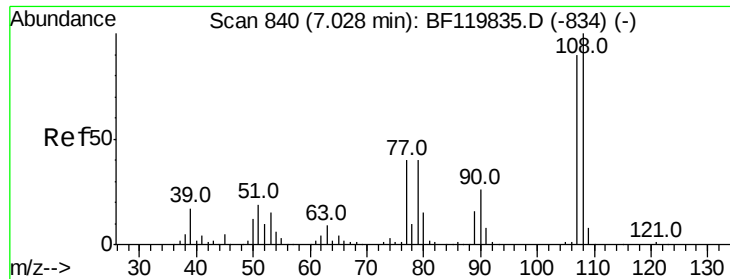
mohammad
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#16
2,2'-oxybis(1-chloropropane)
Concen: 39.853 ng
RT: 6.95 min Scan# 826
Delta R.T. -0.01 min
Lab File: BF120163.D
Acq: 23 Apr 2020 15:09

Tgt Ion	Ratio	Lower	Upper
45	100		
77	13.1	0.0	30.7
79	10.5	0.0	28.2





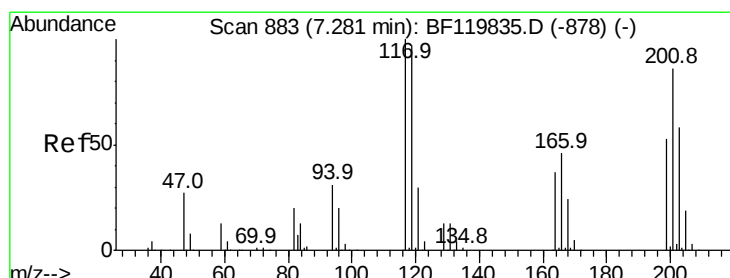
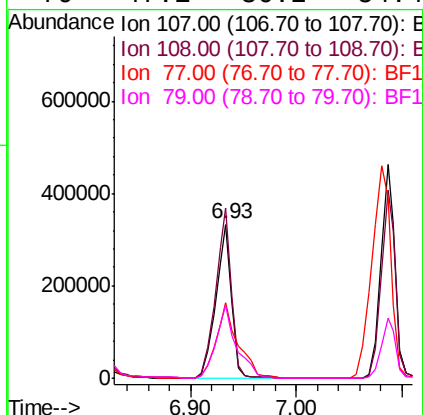
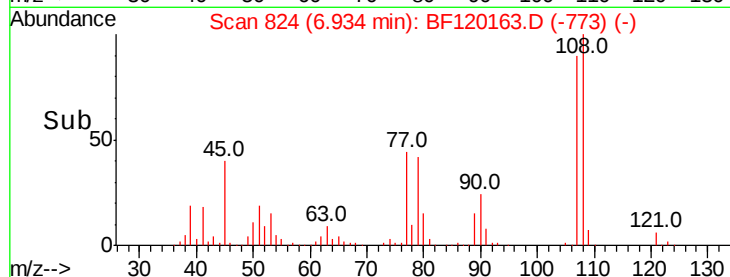
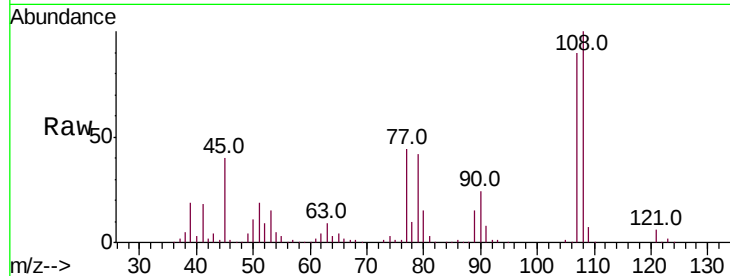
#17
2-Methylphenol
Concen: 44.041 ng
RT: 6.93 min Scan# 824
Delta R.T. -0.00 min
Lab File: BF120163.D
Acq: 23 Apr 2020 15:09

Instrument :
BNA_F
ClientSampleId :
PB128358BS

Tot Ion	Ratio	Lower	Upper
107	100		
108	110.9	92.2	138.4
77	49.1	36.6	54.8
79	47.1	36.2	54.4

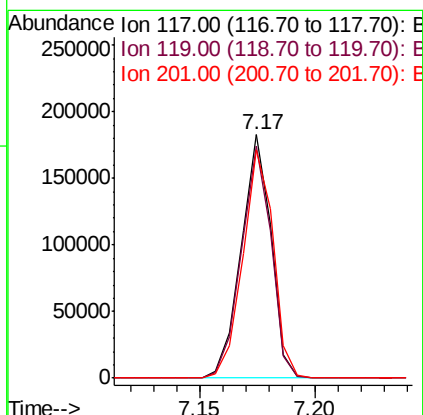
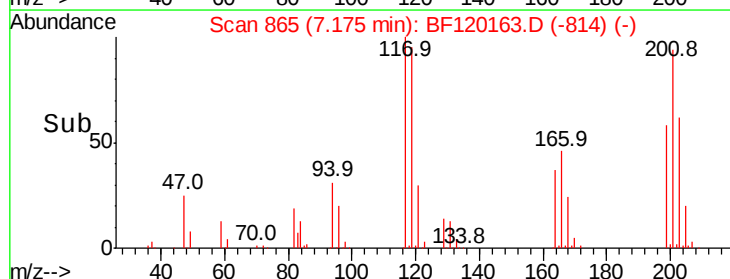
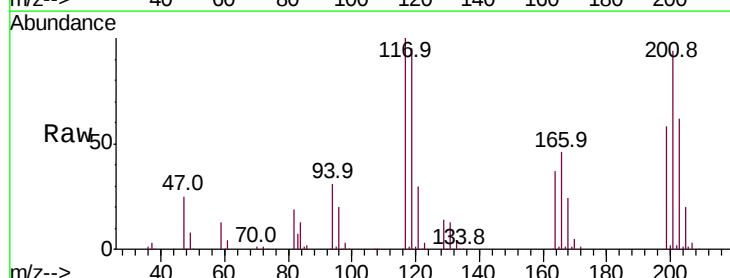
Manual Integrations
APPROVED

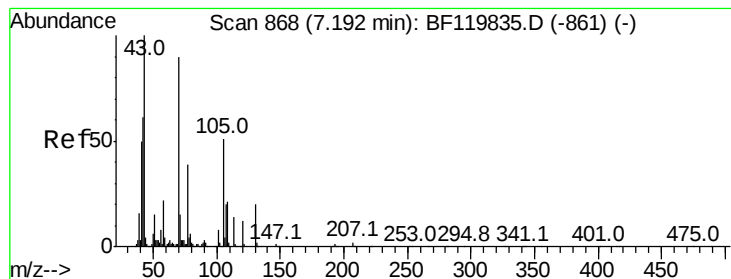
mohammad
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#18
Hexachloroethane
Concen: 44.161 ng
RT: 7.17 min Scan# 865
Delta R.T. -0.00 min
Lab File: BF120163.D
Acq: 23 Apr 2020 15:09

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.1	76.1	114.1
201	93.6	73.0	109.6





#19

n-Nitroso-di-n-propylamine

Concen: 44.890 ng

RT: 7.09 min Scan# 850

Delta R.T. -0.01 min

Lab File: BF120163.D

Acq: 23 Apr 2020 15:09

Instrument :

BNA_F

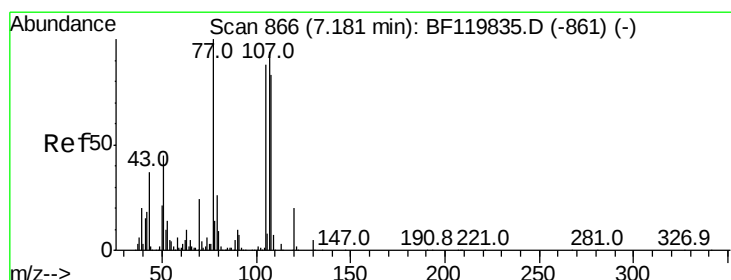
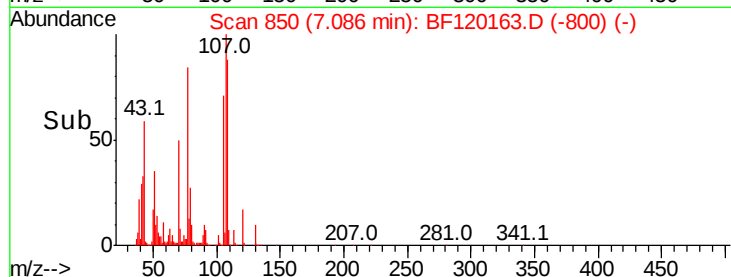
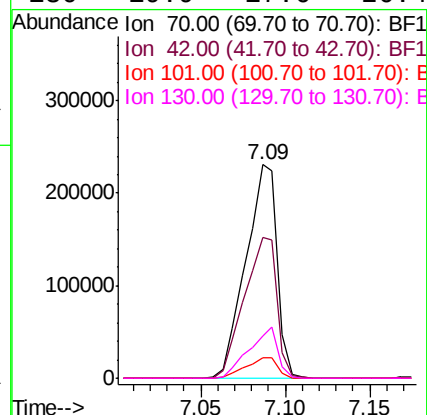
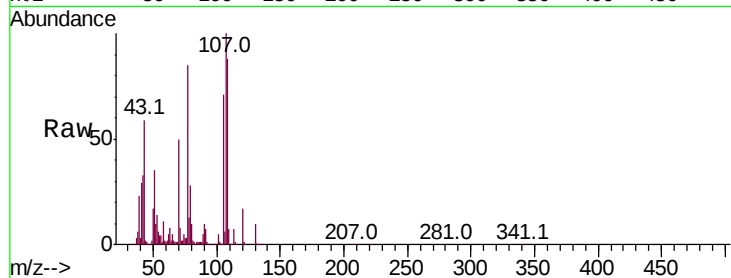
ClientSampleId :

PB128358BS

Tot Ion	Ratio	Lower	Upper
70	100		
42	66.2	54.5	81.7
101	9.6	7.6	11.4
130	19.9	17.6	26.4

Manual Integrations
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#20

3+4-Methylphenols

Concen: 45.252 ng

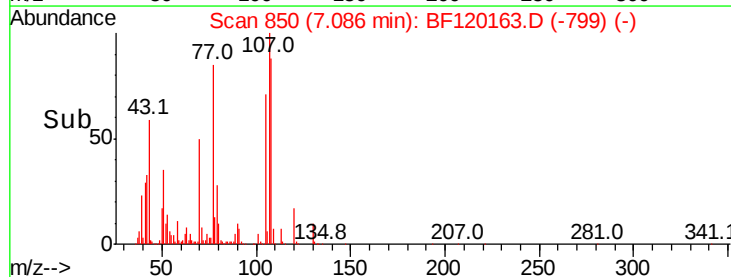
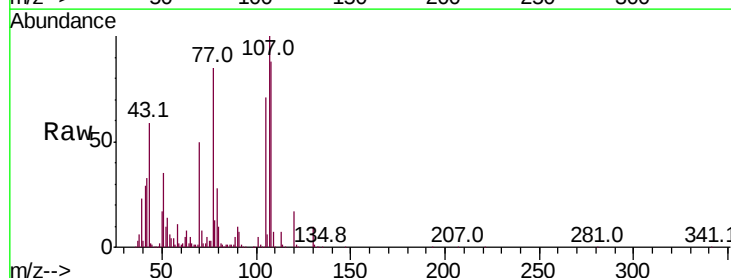
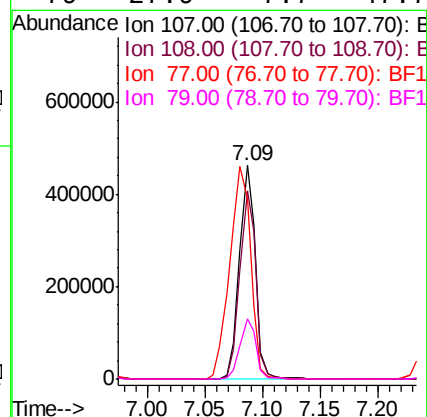
RT: 7.09 min Scan# 850

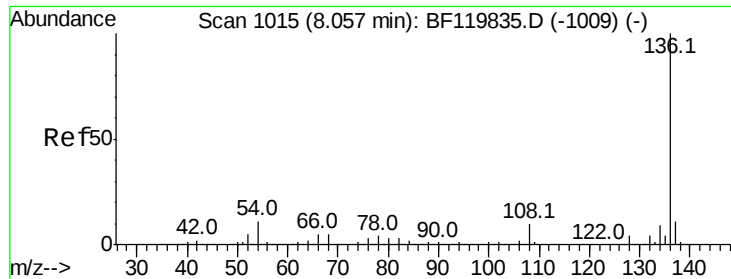
Delta R.T. -0.00 min

Lab File: BF120163.D

Acq: 23 Apr 2020 15:09

Tgt Ion	Ratio	Lower	Upper
107	100		
108	87.9	67.9	107.9
77	84.5	52.9	92.9
79	27.9	7.7	47.7





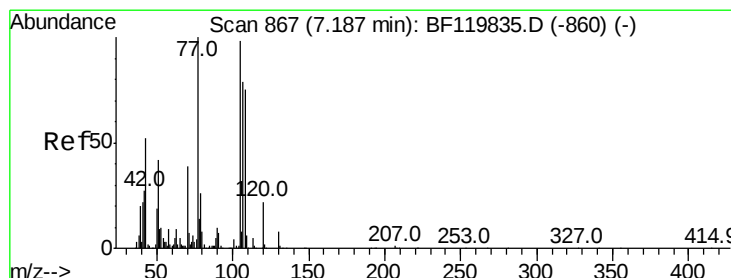
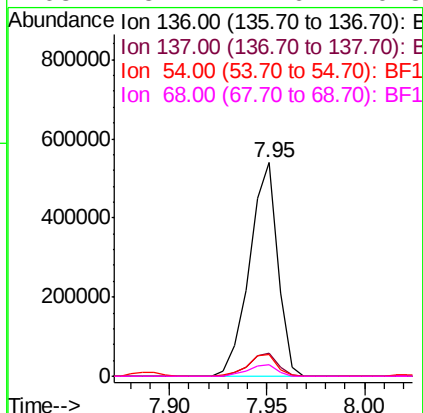
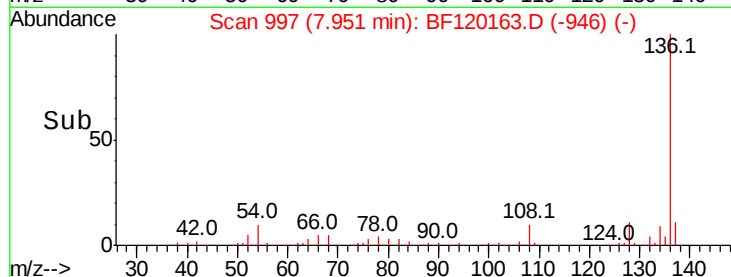
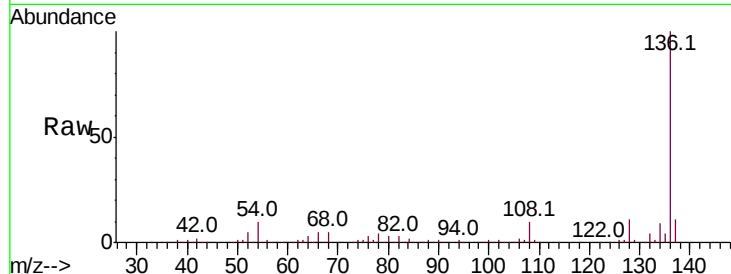
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.95 min Scan# 997
Delta R.T. -0.00 min
Lab File: BF120163.D
Acq: 23 Apr 2020 15:09

Instrument :
BNA_F
ClientSampleId :
PB128358BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	541332		
137	10.9		8.7	13.1
54	10.1		9.1	13.7
68	5.2		4.6	6.8

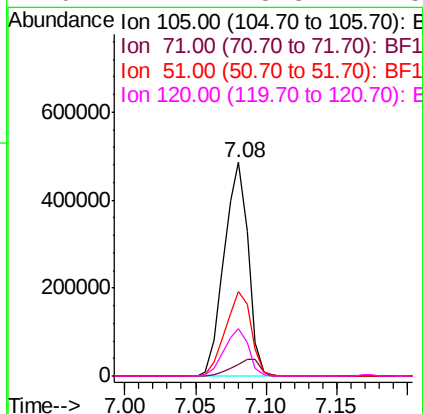
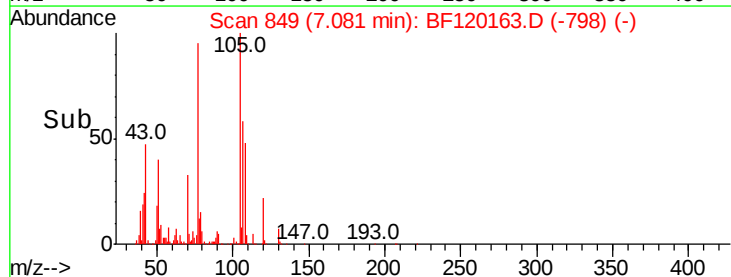
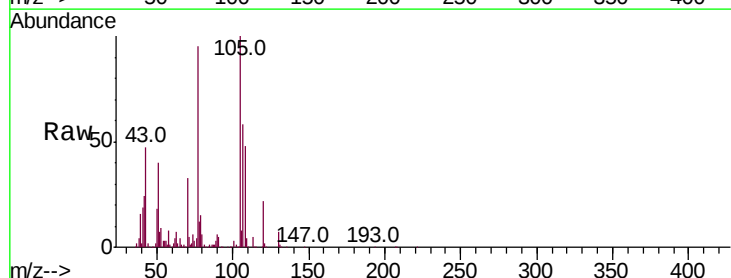
Manual Integrations
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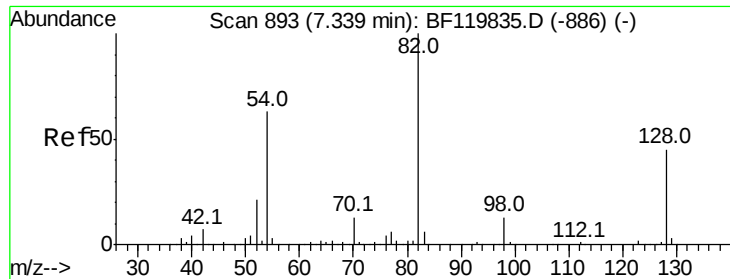
mohammad
4/24/2020 1:34:05 PM



#22
Acetophenone
Concen: 45.258 ng
RT: 7.08 min Scan# 849
Delta R.T. -0.00 min
Lab File: BF120163.D
Acq: 23 Apr 2020 15:09

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	573705		
71	5.4		5.7	8.5#
51	39.5		26.2	39.4#
120	22.1		18.3	27.5





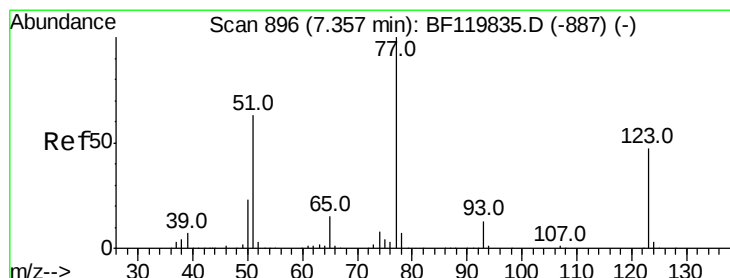
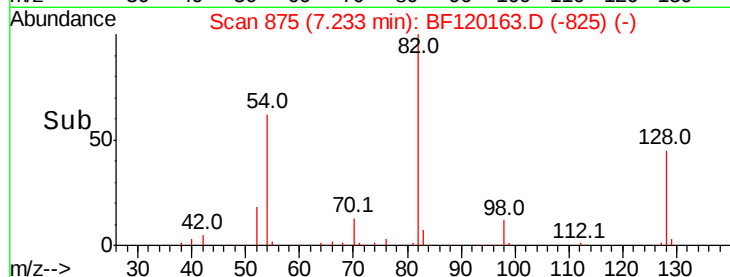
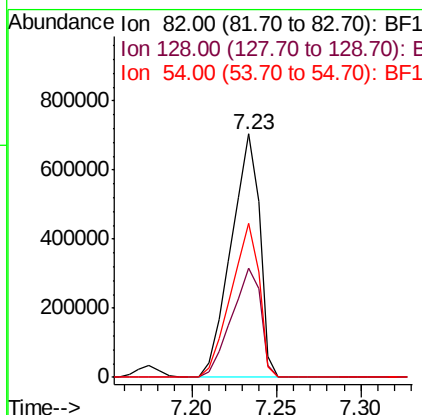
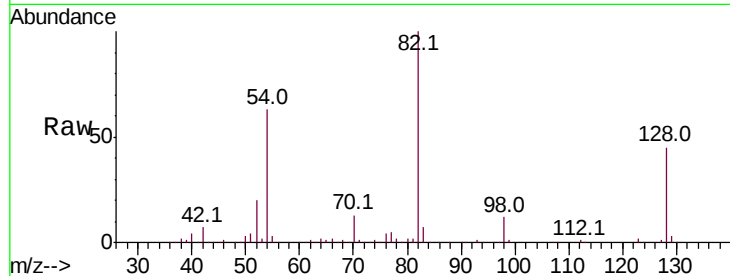
#23
Nitrobenzene-d5
Concen: 79.142 ng
RT: 7.23 min Scan# 875
Delta R.T. -0.01 min
Lab File: BF120163.D
Acq: 23 Apr 2020 15:09

Instrument :
BNA_F
ClientSampleId :
PB128358BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	45.0	36.3	54.5
54	63.1	50.6	75.8

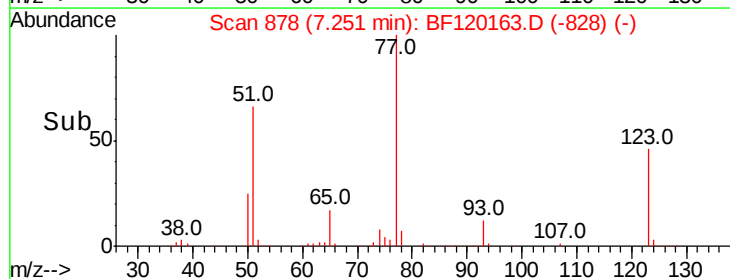
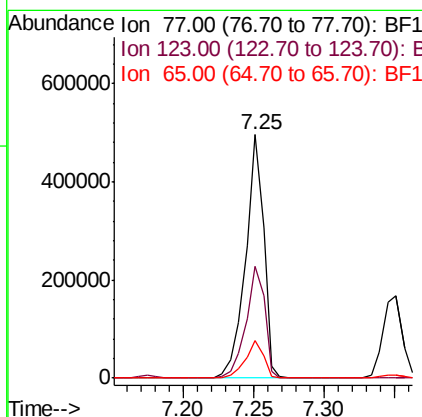
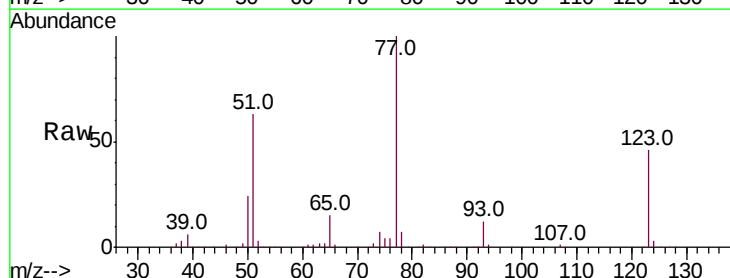
Manual Integrations
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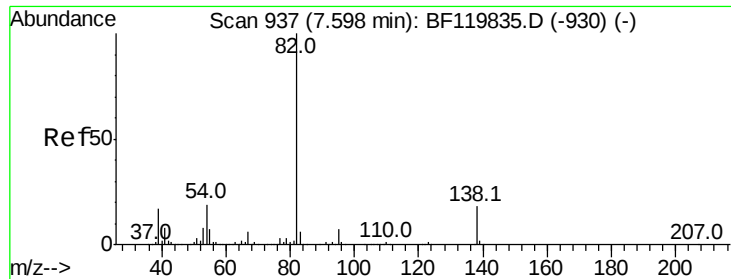
mohammad
4/24/2020 1:34:05 PM



#24
Nitrobenzene
Concen: 42.399 ng
RT: 7.25 min Scan# 878
Delta R.T. -0.01 min
Lab File: BF120163.D
Acq: 23 Apr 2020 15:09

Tgt Ion	Ratio	Lower	Upper
77	100		
123	45.9	38.0	57.0
65	15.2	12.6	18.8





#25

Isophorone

Concen: 41.429 ng

RT: 7.49 min Scan# 919

Delta R.T. -0.01 min

Lab File: BF120163.D

Acq: 23 Apr 2020 15:09

Instrument :

BNA_F

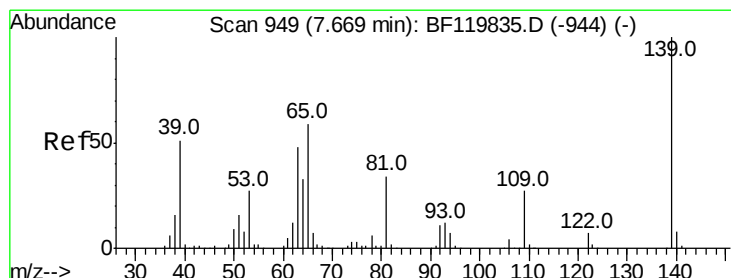
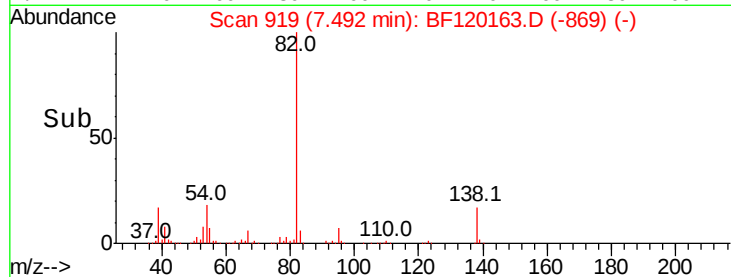
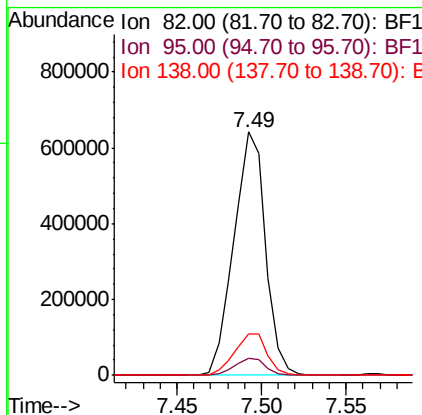
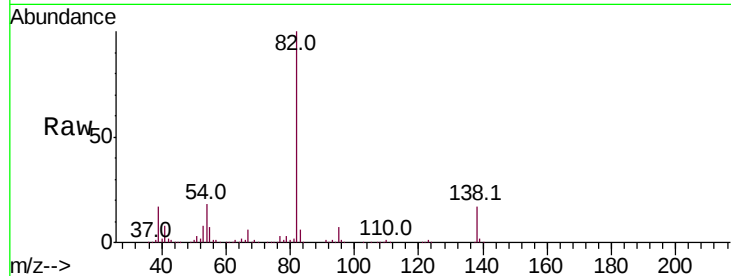
ClientSampleId :

PB128358BS

Tot Ion:	82	Resp:	835680
Ion Ratio	Lower	Upper	
82	100		
95	7.2	5.8	8.6
138	17.1	14.6	21.8

Manual Integrations
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mohammad
4/24/2020 1:34:05 PM



#26

2-Nitrophenol

Concen: 44.252 ng

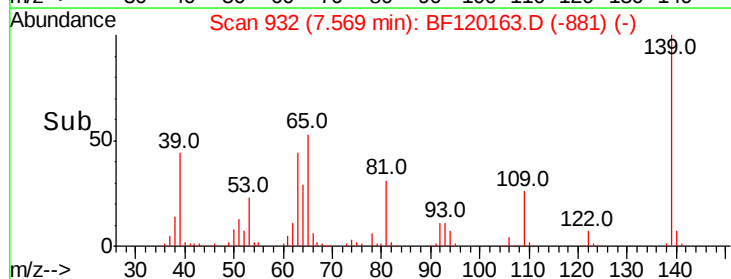
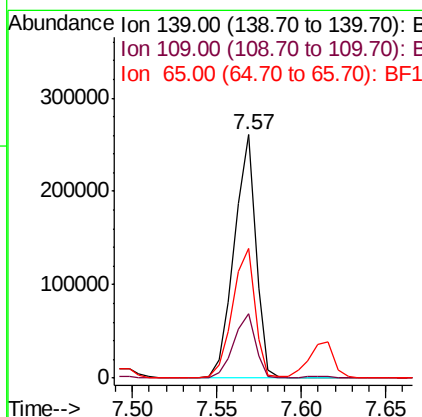
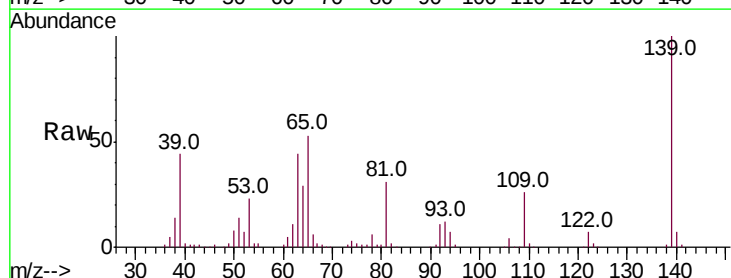
RT: 7.57 min Scan# 932

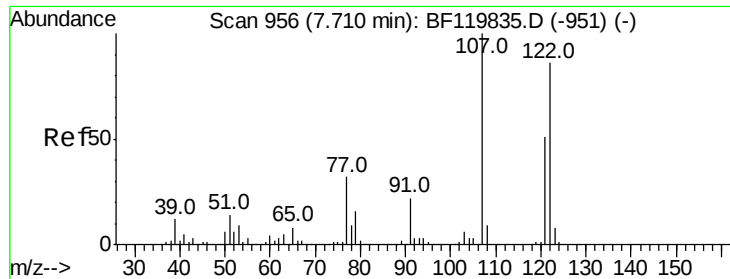
Delta R.T. -0.00 min

Lab File: BF120163.D

Acq: 23 Apr 2020 15:09

Tgt Ion:	139	Resp:	232716
Ion Ratio	Lower	Upper	
139	100		
109	26.5	22.1	33.1
65	53.5	49.2	73.8





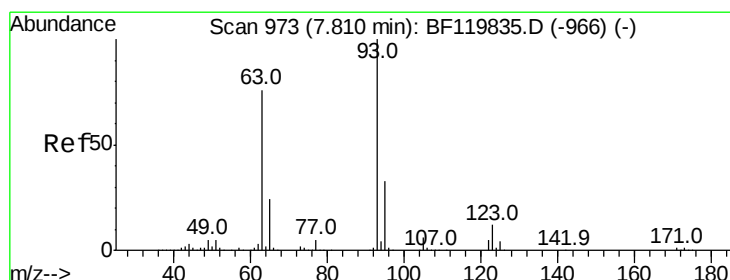
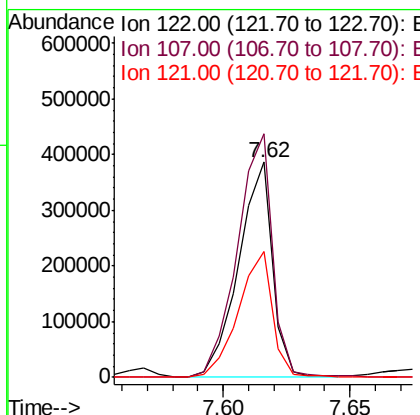
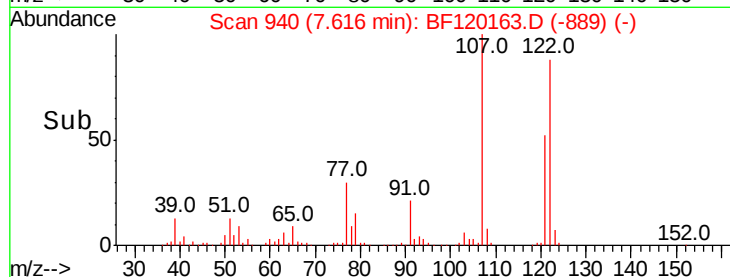
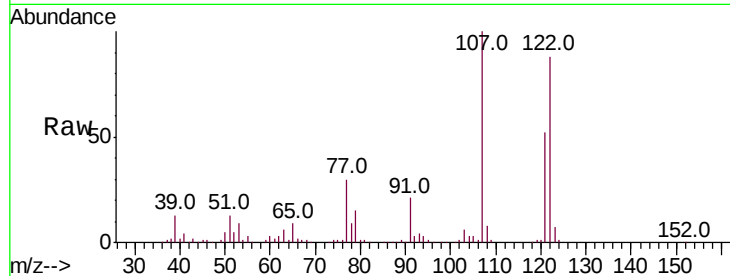
#27
2,4-Dimethylphenol
Concen: 45.621 ng
RT: 7.62 min Scan# 940
Delta R.T. -0.00 min
Lab File: BF120163.D
Acq: 23 Apr 2020 15:09

Instrument :
BNA_F
ClientSampleId :
PB128358BS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	361836		
107	113.2	89.0	133.6	
121	58.7	46.7	70.1	

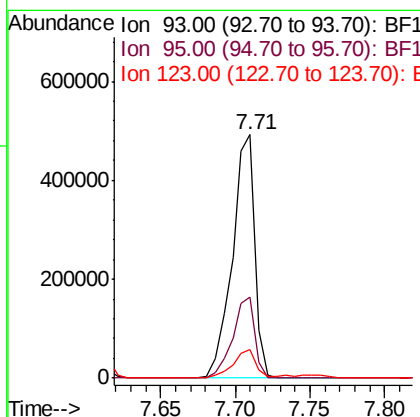
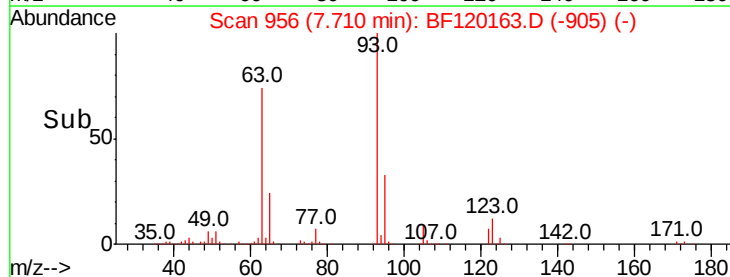
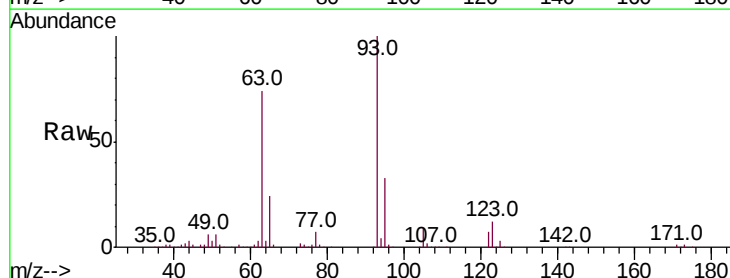
Manual Integrations
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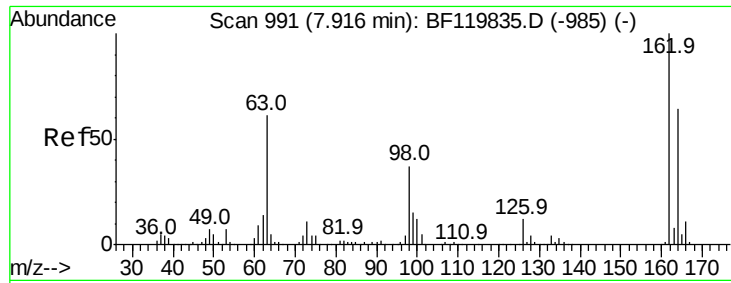
mohammad
4/24/2020 1:34:05 PM



#28
bis(2-Chloroethoxy)methane
Concen: 43.883 ng
RT: 7.71 min Scan# 956
Delta R.T. -0.00 min
Lab File: BF120163.D
Acq: 23 Apr 2020 15:09

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	520872		
95	33.3	26.3	39.5	
123	11.9	9.7	14.5	





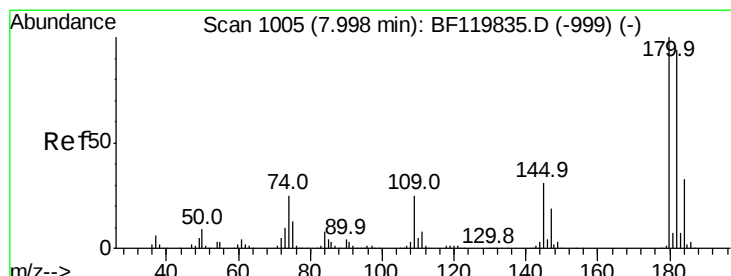
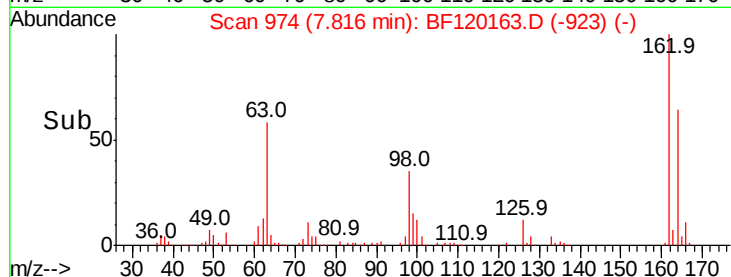
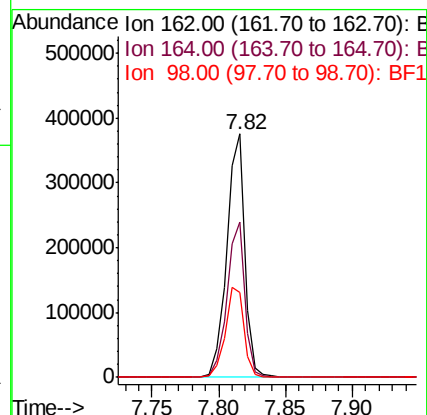
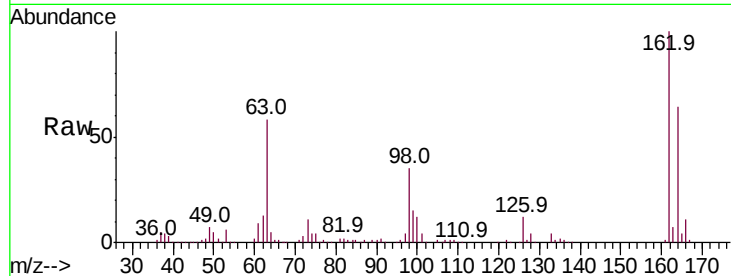
#29
2,4-Dichlorophenol
Concen: 44.137 ng
RT: 7.82 min Scan# 974
Delta R.T. -0.00 min
Lab File: BF120163.D
Acq: 23 Apr 2020 15:09

Instrument :
BNA_F
ClientSampleId :
PB128358BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	358826		
164	63.7	44.7	84.7	
98	35.1	20.7	60.7	

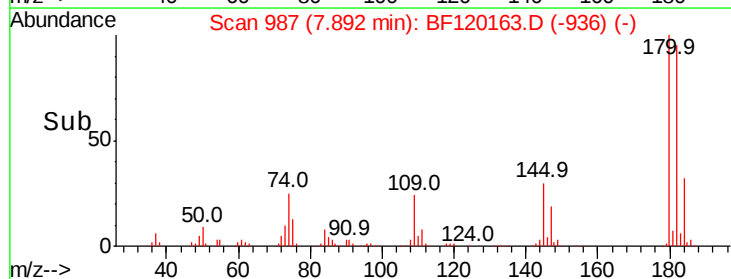
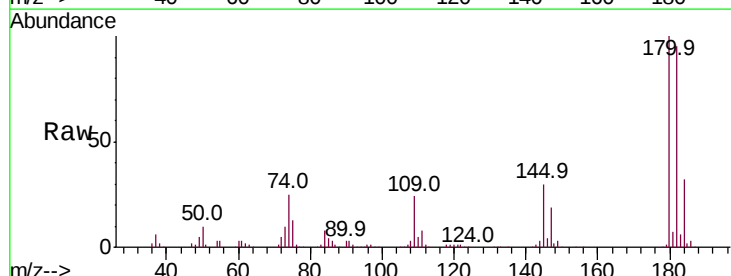
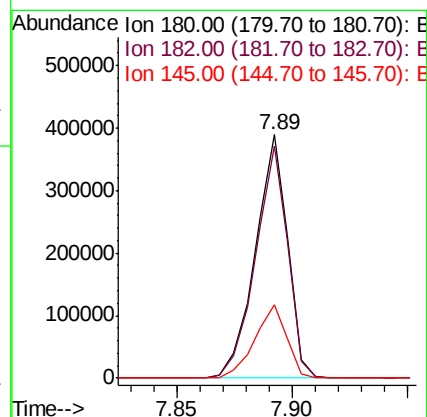
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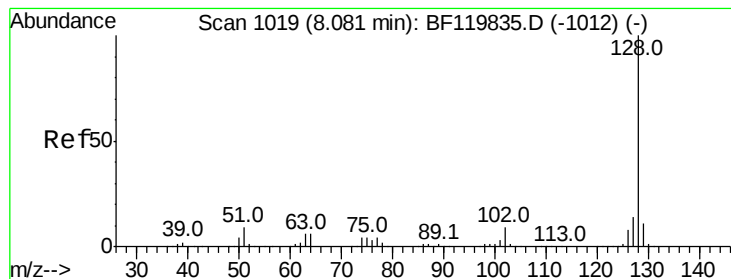
mohammad
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#30
1,2,4-Trichlorobenzene
Concen: 41.135 ng
RT: 7.89 min Scan# 987
Delta R.T. -0.00 min
Lab File: BF120163.D
Acq: 23 Apr 2020 15:09

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	378932		
182	95.2	74.7	112.1	
145	29.9	24.5	36.7	





#31

Naphthalene

Concen: 42.912 ng

RT: 7.97 min Scan# 1001

Delta R.T. -0.00 min

Lab File: BF120163.D

Acq: 23 Apr 2020 15:09

Instrument :

BNA_F

ClientSampleId :

PB128358BS

Tot Ion:128 Resp: 1222182

Ion Ratio Lower Upper

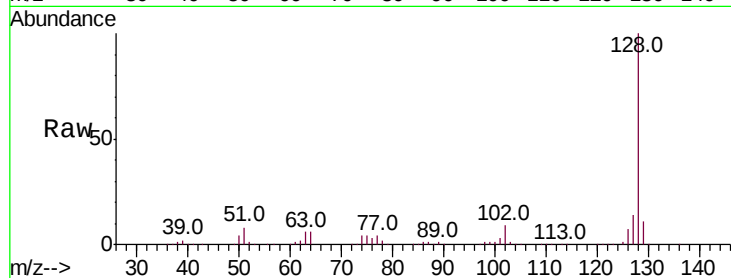
128 100

129 11.1 9.5 14.3

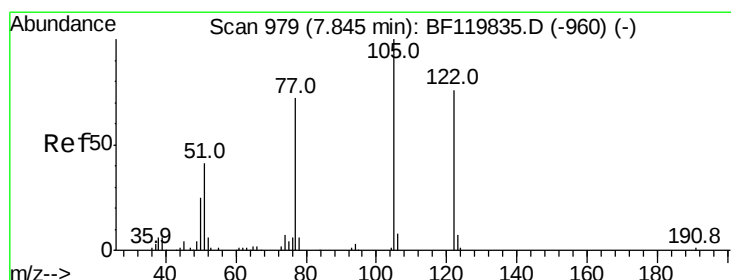
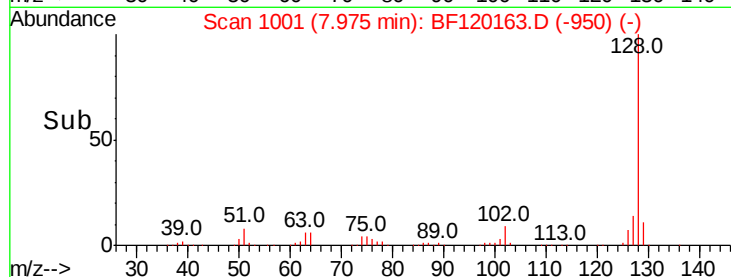
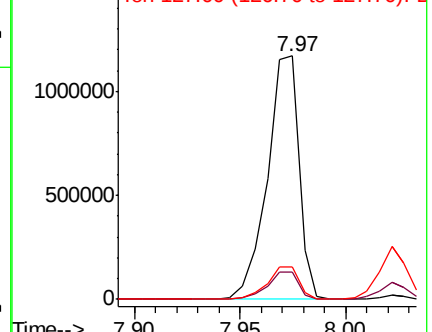
127 13.5 11.3 16.9

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



#32

Benzoic acid

Concen: 39.764 ng

RT: 7.76 min Scan# 964

Delta R.T. -0.00 min

Lab File: BF120163.D

Acq: 23 Apr 2020 15:09

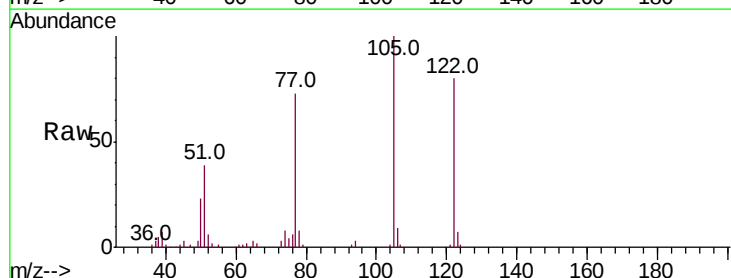
Tgt Ion:122 Resp: 276989

Ion Ratio Lower Upper

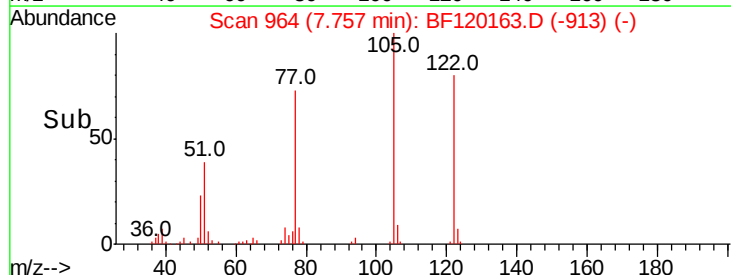
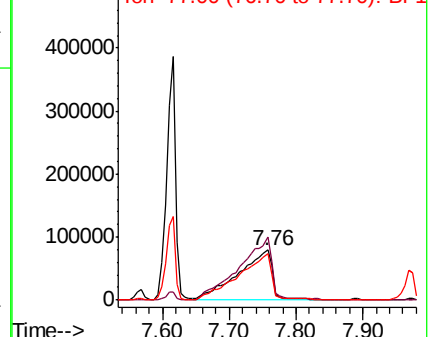
122 100

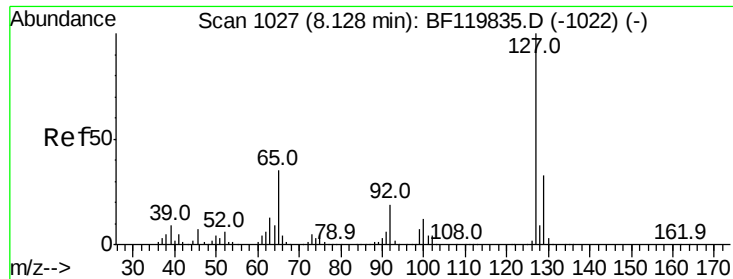
105 124.7 104.9 144.9

77 91.3 74.4 114.4



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





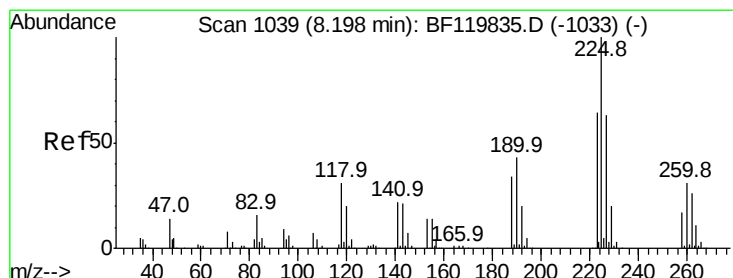
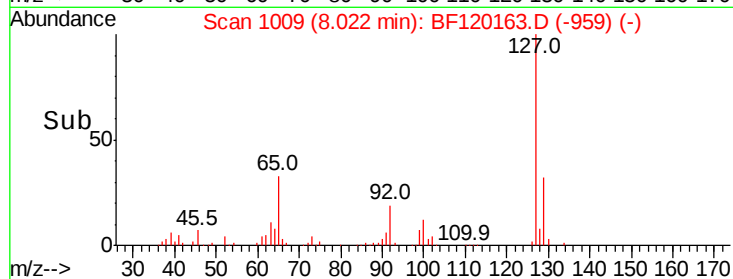
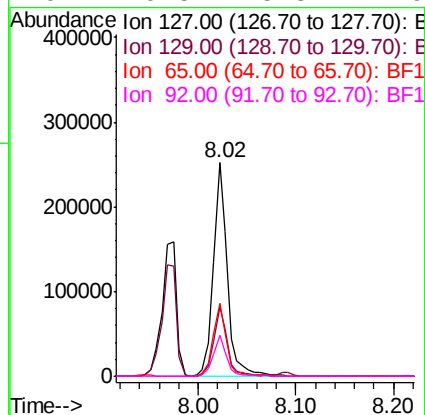
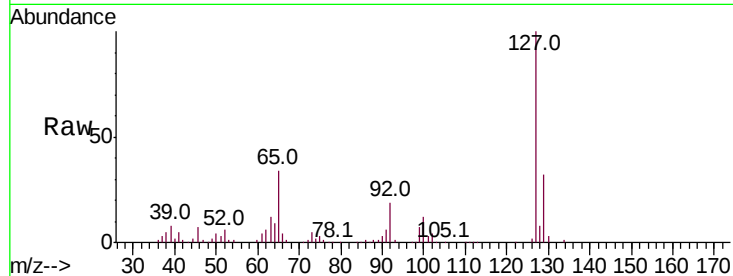
#33
4-Chloroaniline
Concen: 20.116 ng
RT: 8.02 min Scan# 1009
Delta R.T. -0.01 min
Lab File: BF120163.D
Acq: 23 Apr 2020 15:09

Instrument :
BNA_F
ClientSampleId :
PB128358BS

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	32.3	26.2	39.4	
65	33.9	27.4	41.0	
92	19.5	15.3	22.9	

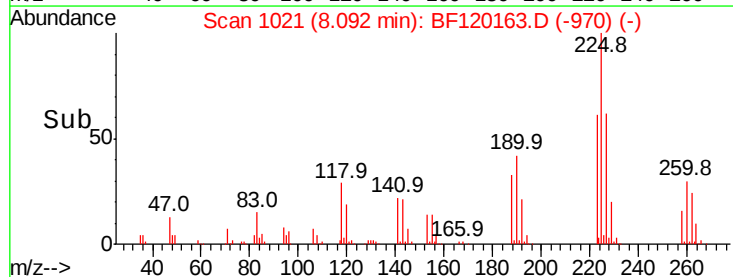
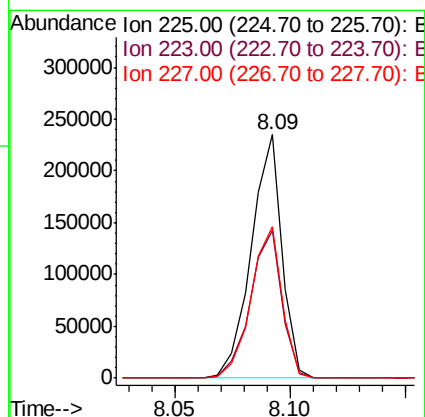
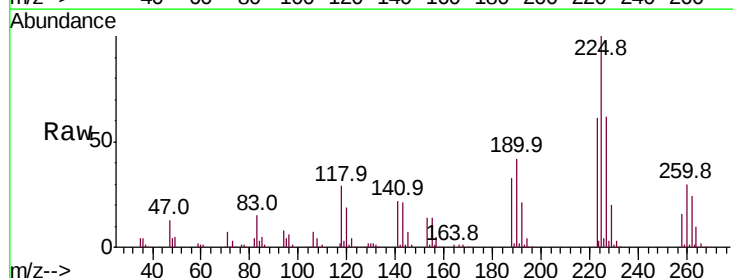
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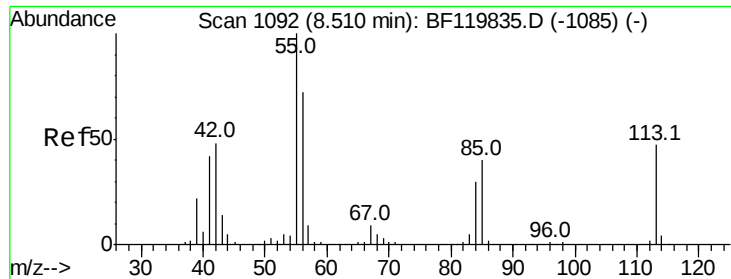
mohammad
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#34
Hexachlorobutadiene
Concen: 39.543 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.00 min
Lab File: BF120163.D
Acq: 23 Apr 2020 15:09

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	60.7	51.0	76.6	
227	62.5	50.7	76.1	





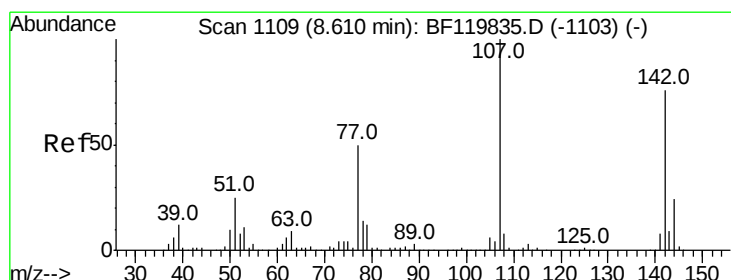
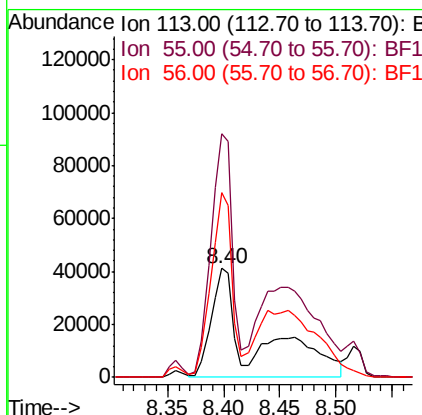
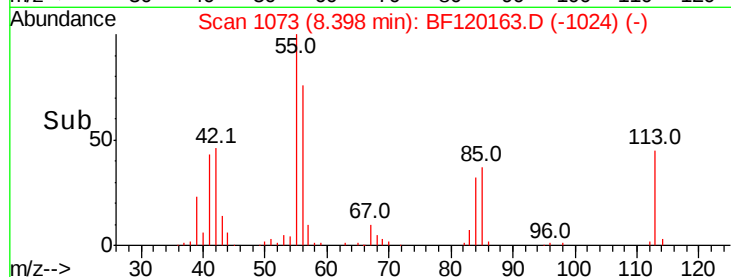
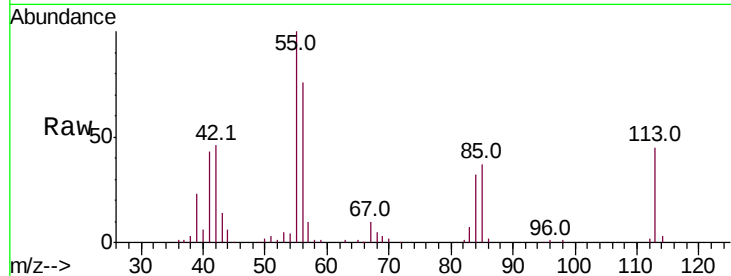
#35
 Caprolactam
 Concen: 44.833 ng/ml
 RT: 8.40 min Scan# 1073
 Delta R.T. -0.01 min
 Lab File: BF120163.D
 Acq: 23 Apr 2020 15:09

Instrument :
 BNA_F
 ClientSampleId :
 PB128358BS

Tot Ion	Ratio	Lower	Upper
113	100		
55	223.4	218.4	258.4
56	169.2	148.9	188.9

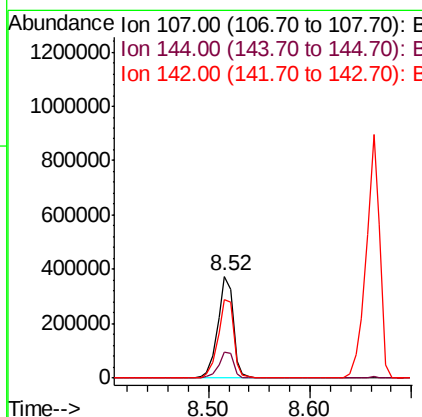
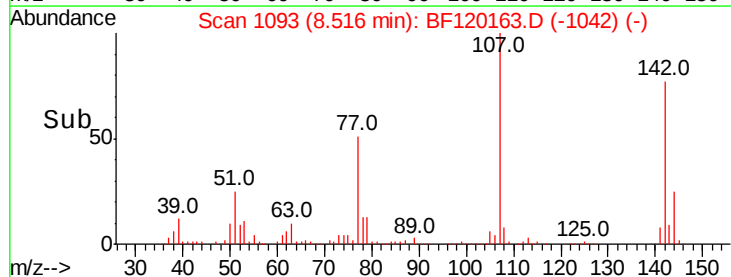
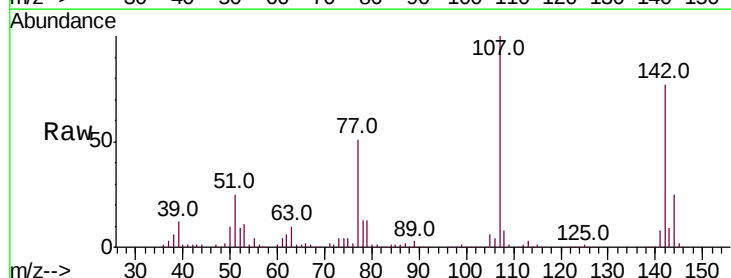
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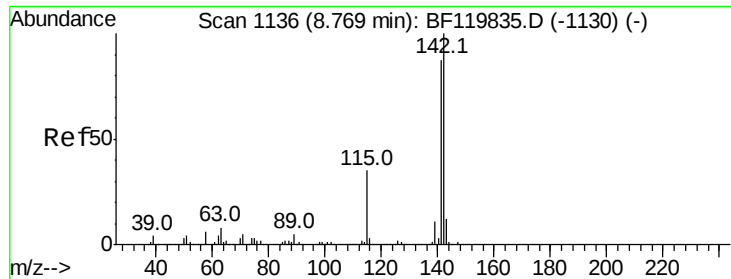
mohammad
 4/24/2020 1:34:05 PM



#36
 4-Chloro-3-methylphenol
 Concen: 45.085 ng/ml
 RT: 8.52 min Scan# 1093
 Delta R.T. -0.00 min
 Lab File: BF120163.D
 Acq: 23 Apr 2020 15:09

Tgt Ion	Ratio	Lower	Upper
107	100		
144	25.1	21.0	31.6
142	76.8	64.4	96.6





#37

2-Methylnaphthalene

Concen: 43.187 ng

RT: 8.66 min Scan# 1118

Delta R.T. -0.00 min

Lab File: BF120163.D

Acq: 23 Apr 2020 15:09

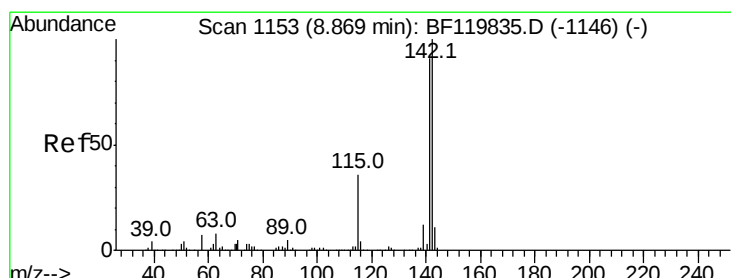
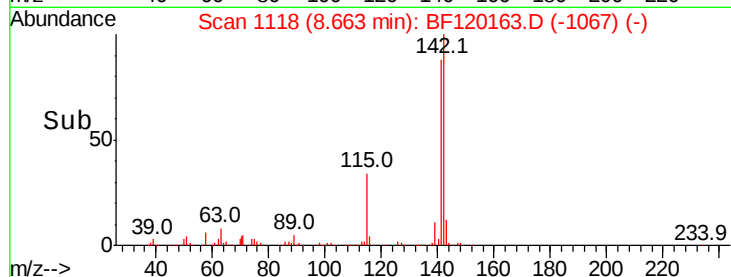
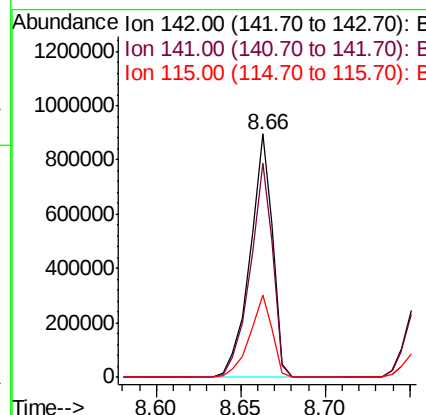
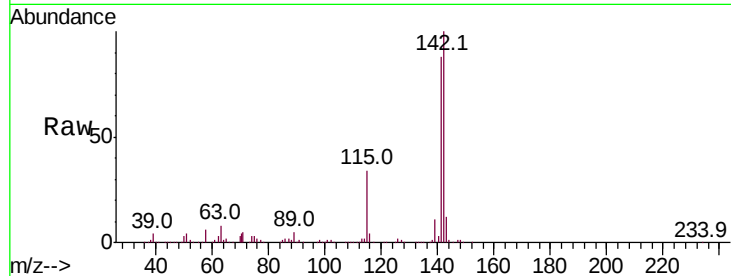
Instrument :
BNA_F

ClientSampleId :
PB128358BS

Tot Ion	Ratio	Resp	Lower	Upper
142	100	833902		
141	87.8		71.7	107.5
115	33.6		27.9	41.9

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#38

1-Methylnaphthalene

Concen: 43.566 ng

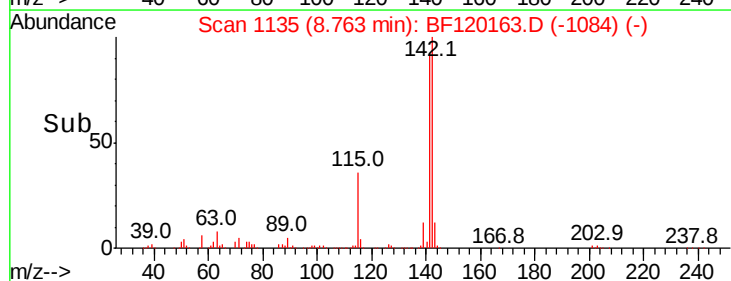
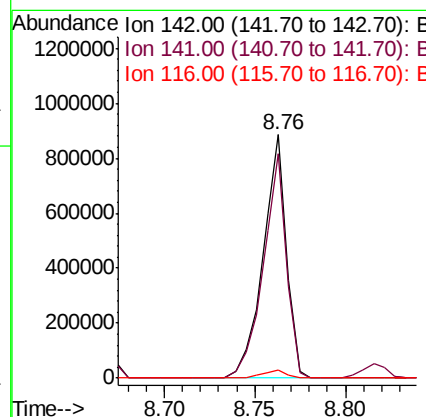
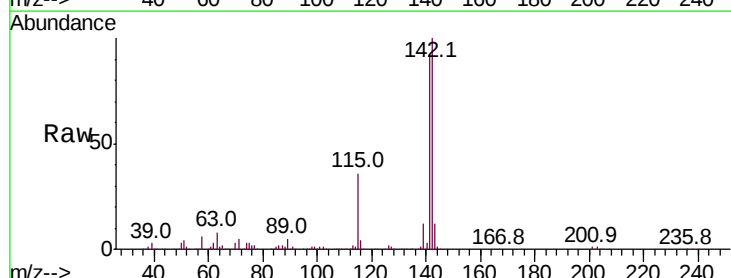
RT: 8.76 min Scan# 1135

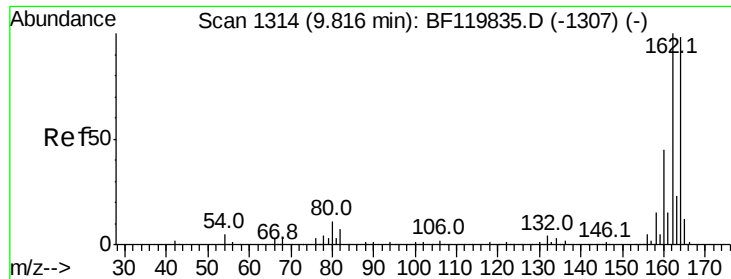
Delta R.T. -0.00 min

Lab File: BF120163.D

Acq: 23 Apr 2020 15:09

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	792889		
141	92.4		73.7	110.5
116	3.5		3.0	4.6





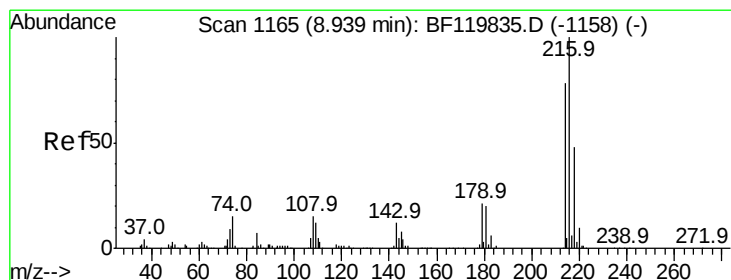
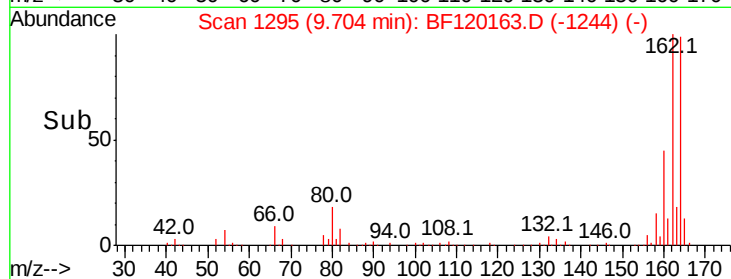
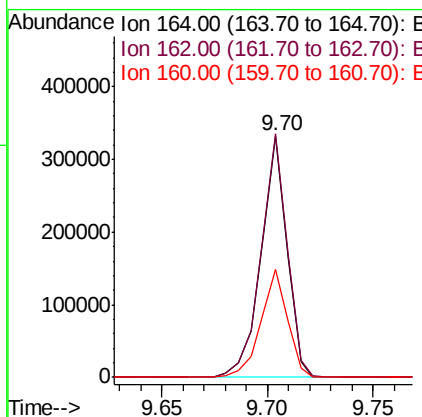
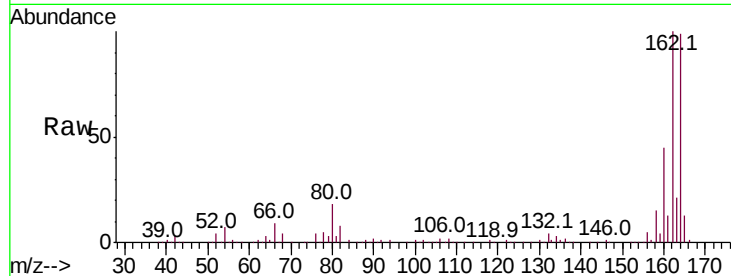
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.70 min Scan# 1295
Delta R.T. -0.00 min
Lab File: BF120163.D
Acq: 23 Apr 2020 15:09

Instrument :
BNA_F
ClientSampleId :
PB128358BS

Tot Ion	Ratio	Resp	Lower	Upper
164	100	286414		
162	100.8	80.6	121.0	
160	44.9	35.7	53.5	

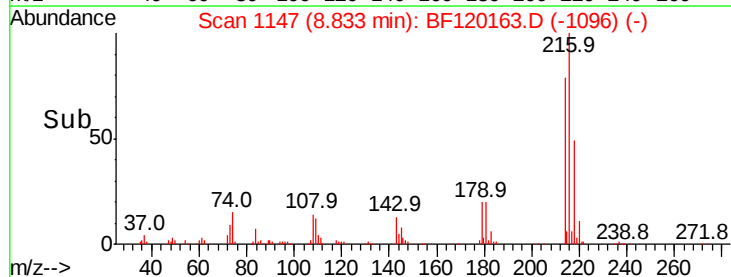
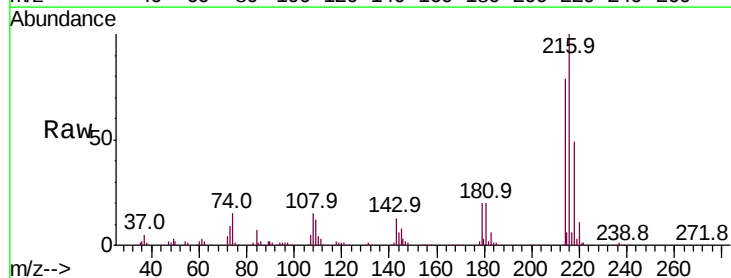
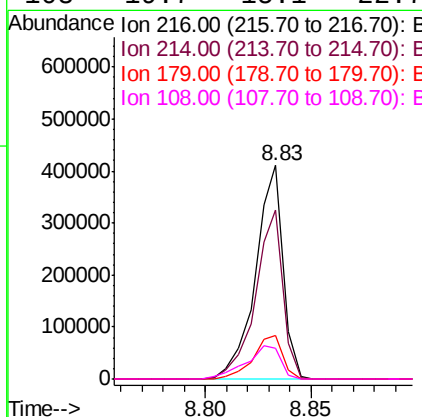
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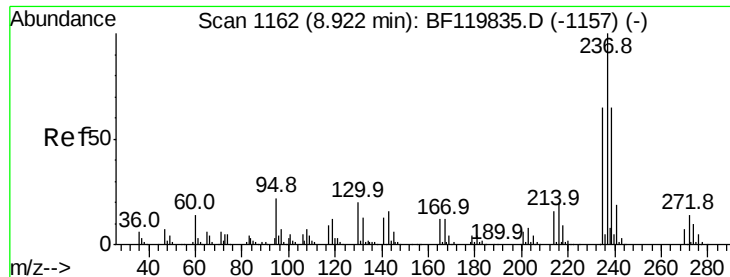
mohammad
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.304 ng
RT: 8.83 min Scan# 1147
Delta R.T. -0.00 min
Lab File: BF120163.D
Acq: 23 Apr 2020 15:09

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	373645		
214	78.9	63.2	94.8	
179	21.5	17.1	25.7	
108	19.7	15.1	22.7	





#41

Hexachlorocyclopentadiene

Concen: 77.800 ng

RT: 8.82 min Scan# 1144

Delta R.T. -0.00 min

Lab File: BF120163.D

Acq: 23 Apr 2020 15:09

Instrument :

BNA_F

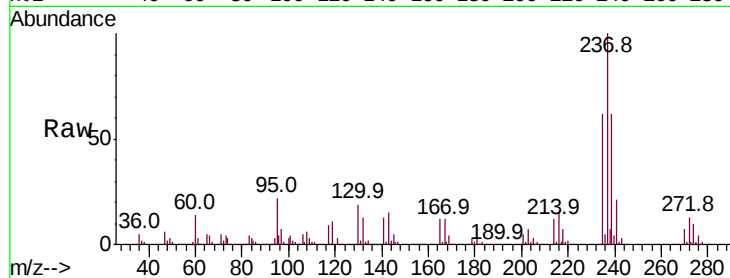
ClientSampleId :

PB128358BS

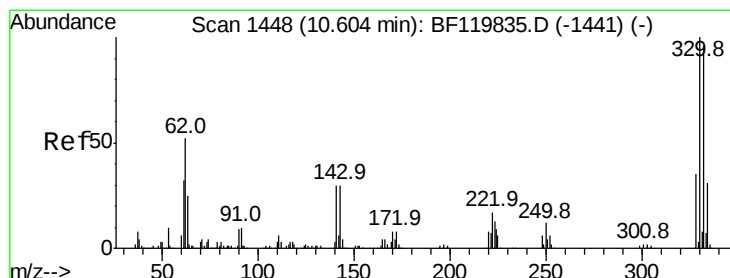
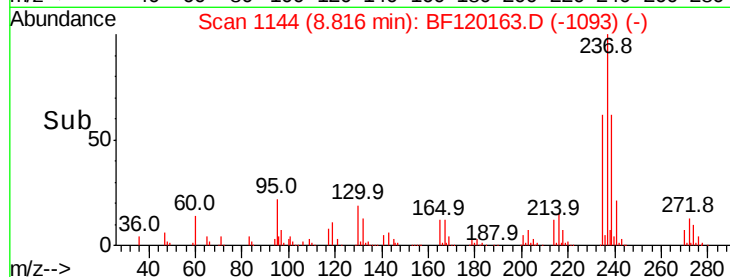
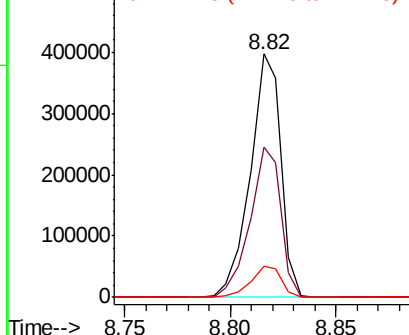
Tot Ion:	237	Resp:	400203
Ion Ratio	Lower	Upper	
237	100		
235	61.7	43.2	83.2
272	12.5	0.0	34.1

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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: 105.451 ng

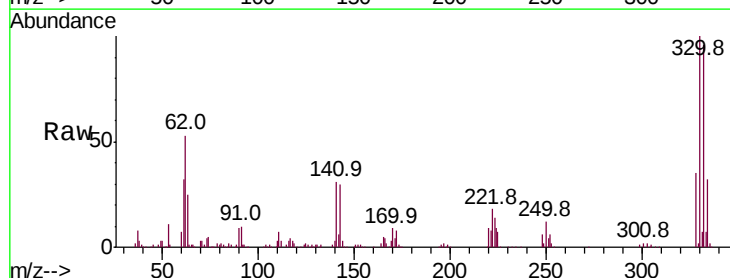
RT: 10.50 min Scan# 1430

Delta R.T. 0.01 min

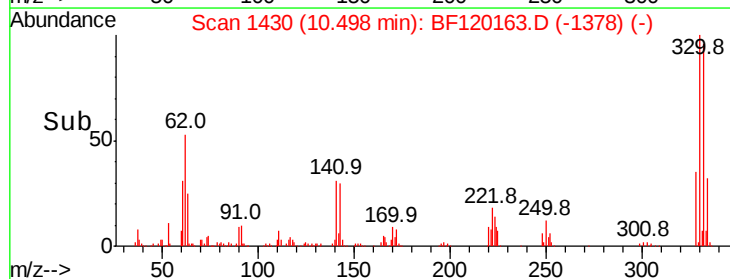
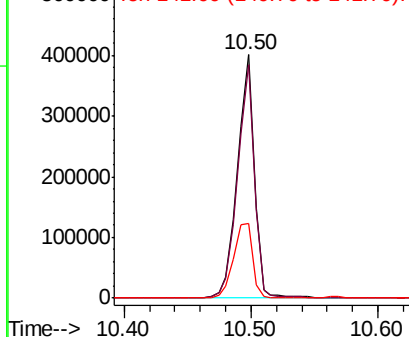
Lab File: BF120163.D

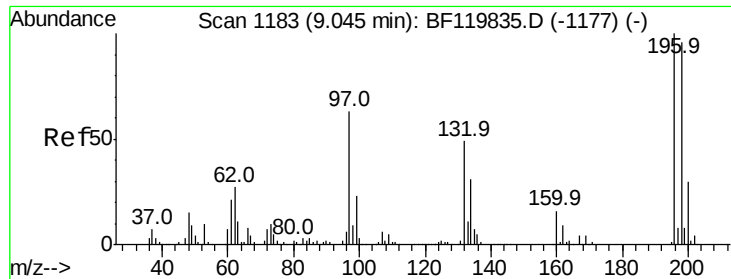
Acq: 23 Apr 2020 15:09

Tgt Ion:	330	Resp:	369782
Ion Ratio	Lower	Upper	
330	100		
332	95.5	75.7	113.5
141	34.7	25.4	38.0



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





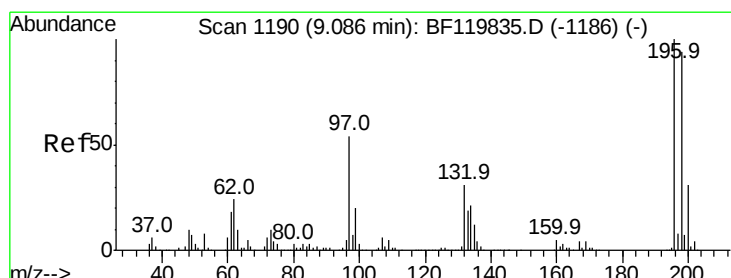
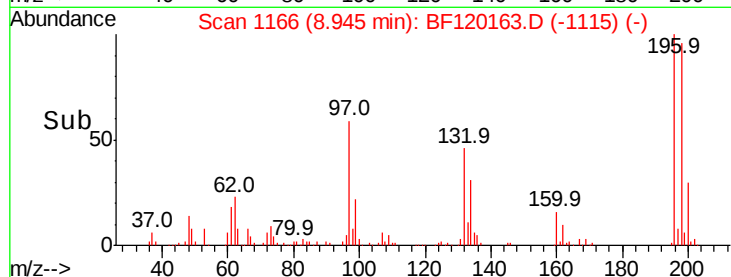
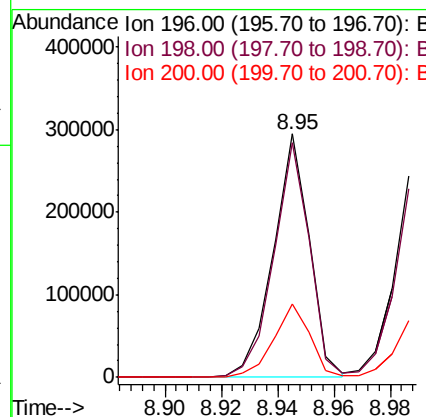
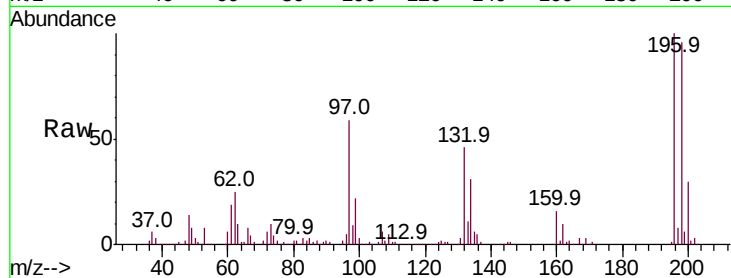
#43
 2,4,6-Trichlorophenol
 Concen: 41.758 ng
 RT: 8.95 min Scan# 1166
 Delta R.T. -0.00 min
 Lab File: BF120163.D
 Acq: 23 Apr 2020 15:09

Instrument :
 BNA_F
 ClientSampleId :
 PB128358BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	260853		
198	96.3	76.6	115.0	
200	30.3	24.6	36.8	

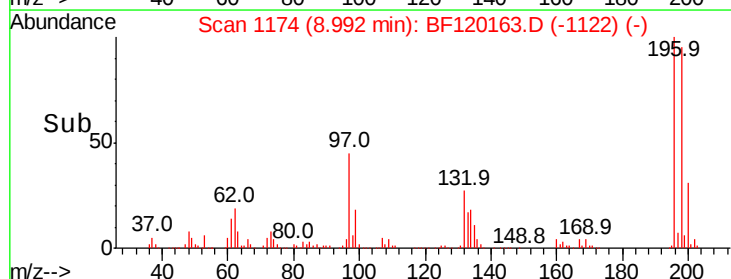
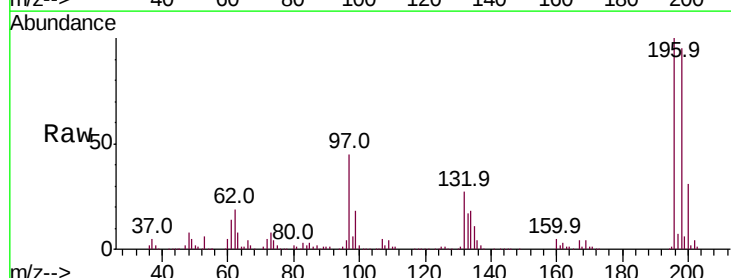
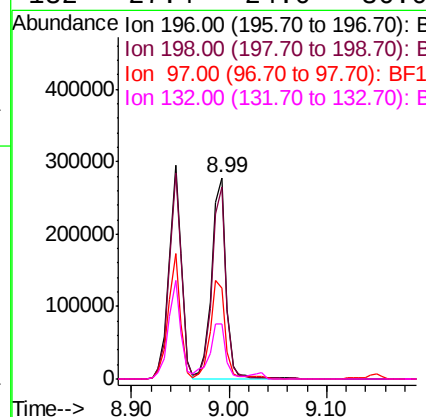
Manual Integrations
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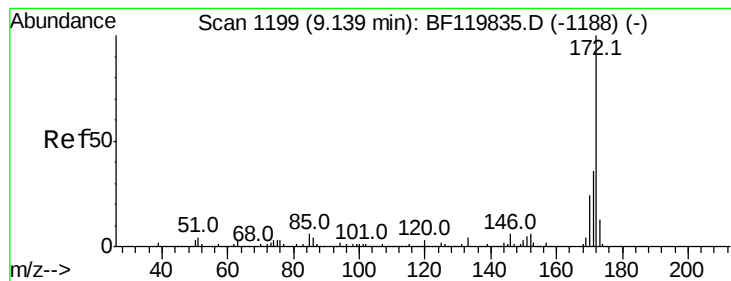
mohammad
 4/24/2020 1:34:05 PM



#44
 2,4,5-Trichlorophenol
 Concen: 40.371 ng
 RT: 8.99 min Scan# 1174
 Delta R.T. 0.01 min
 Lab File: BF120163.D
 Acq: 23 Apr 2020 15:09

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	284043		
198	95.3	73.8	110.8	
97	44.9	42.6	63.8	
132	27.4	24.0	36.0	





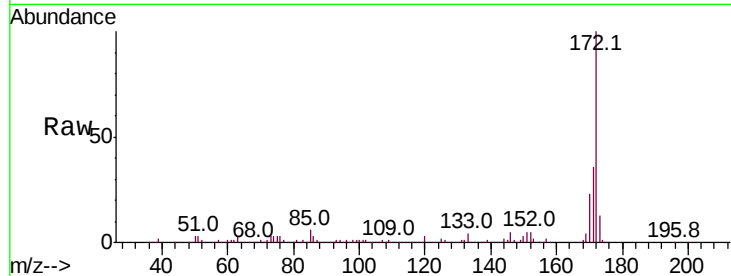
#45
2-Fluorobiphenyl
Concen: 82.690 ng
RT: 9.03 min Scan# 1181
Delta R.T. -0.00 min
Lab File: BF120163.D
Acq: 23 Apr 2020 15:09

Instrument :
BNA_F
ClientSampleId :
PB128358BS

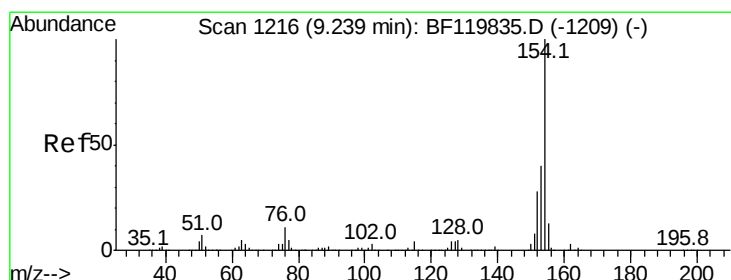
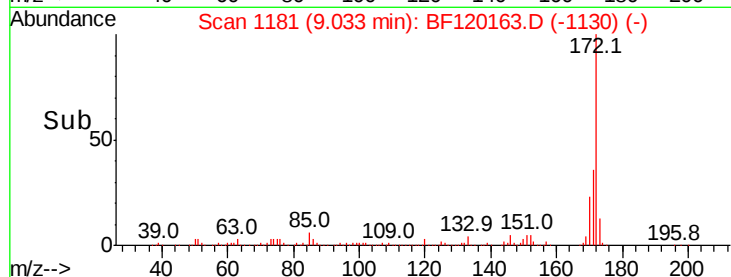
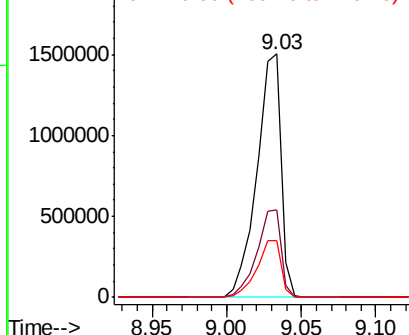
Tot Ion:172 Resp: 1668114
Ion Ratio Lower Upper
172 100
171 35.7 29.6 44.4
170 23.3 20.2 30.2

Manual Integrations
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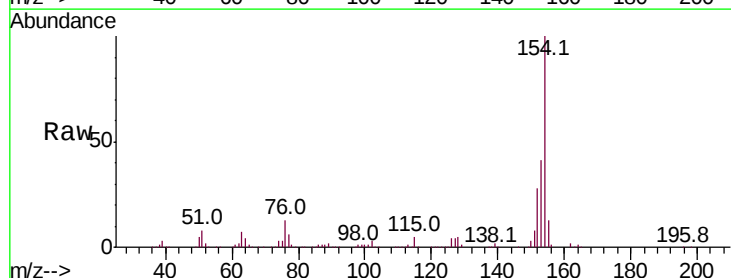


Abundance Ion 172.00 (171.70 to 172.70): E
2000000 Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

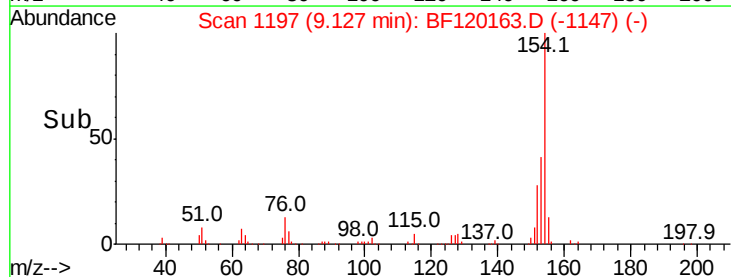
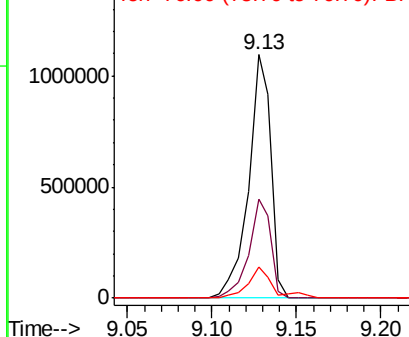


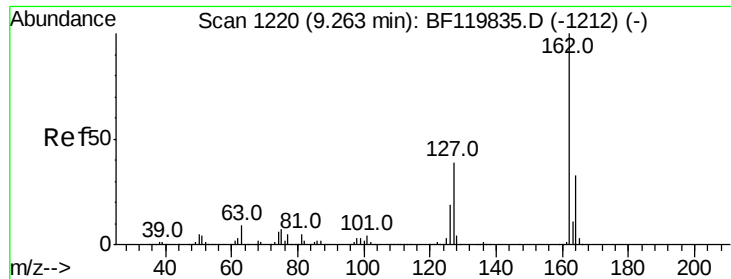
#46
1,1'-Biphenyl
Concen: 41.753 ng
RT: 9.13 min Scan# 1197
Delta R.T. -0.01 min
Lab File: BF120163.D
Acq: 23 Apr 2020 15:09

Tgt Ion:154 Resp: 1009373
Ion Ratio Lower Upper
154 100
153 40.8 21.4 61.4
76 13.0 0.0 33.0



Abundance Ion 154.00 (153.70 to 154.70): E
1500000 Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF1





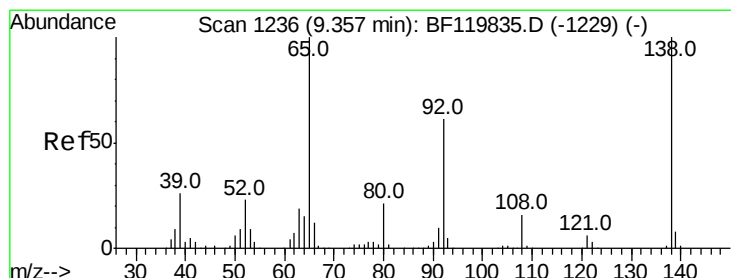
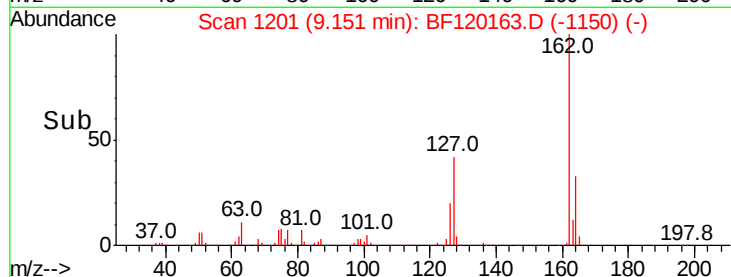
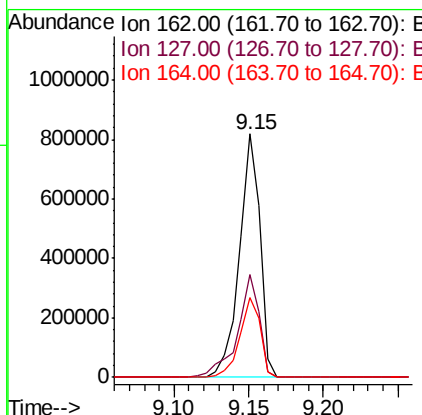
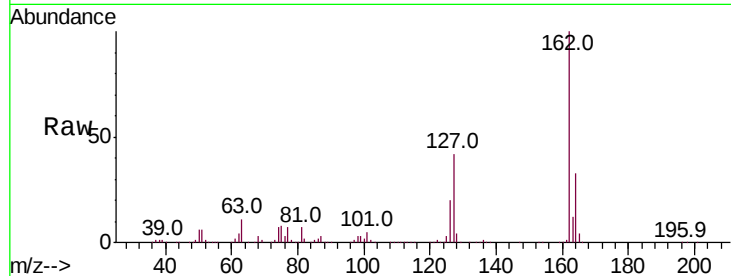
#47
 2-Chloronaphthalene
 Concen: 42.157 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. -0.00 min
 Lab File: BF120163.D
 Acq: 23 Apr 2020 15:09

Instrument :
 BNA_F
 ClientSampleId :
 PB128358BS

Tot Ion	Ratio	Lower	Upper
162	100		
127	42.0	33.7	50.5
164	32.9	26.3	39.5

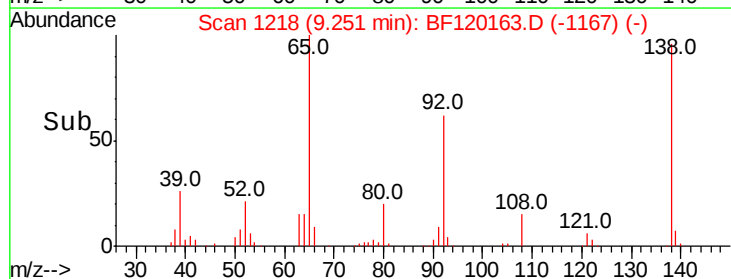
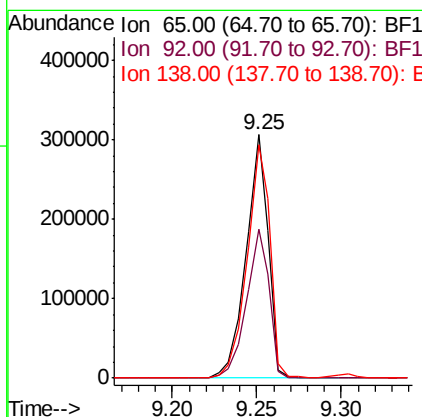
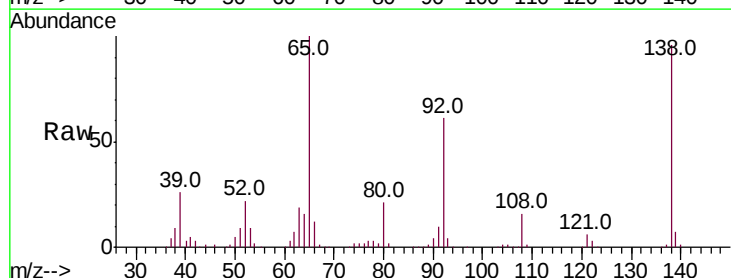
Manual Integrations
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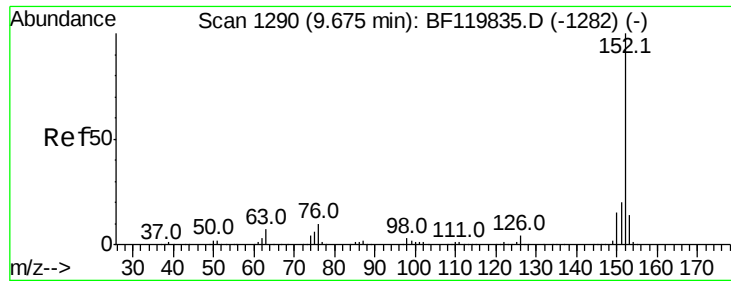
mohammad
 4/24/2020 1:34:05 PM



#48
 2-Nitroaniline
 Concen: 41.454 ng
 RT: 9.25 min Scan# 1218
 Delta R.T. -0.00 min
 Lab File: BF120163.D
 Acq: 23 Apr 2020 15:09

Tgt Ion	Ratio	Lower	Upper
65	100		
92	61.3	50.0	75.0
138	95.7	75.0	112.4





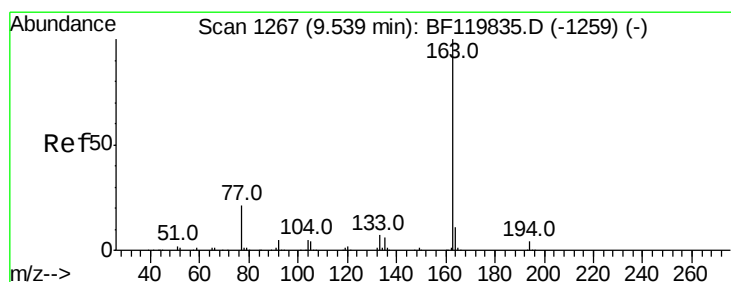
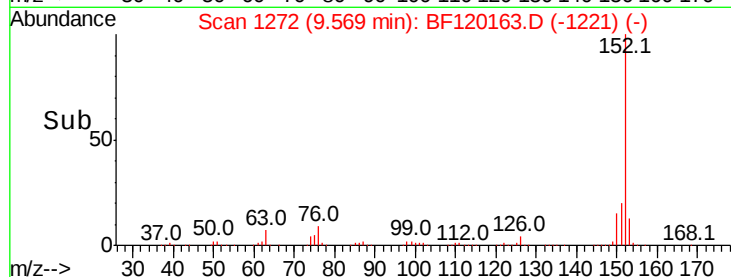
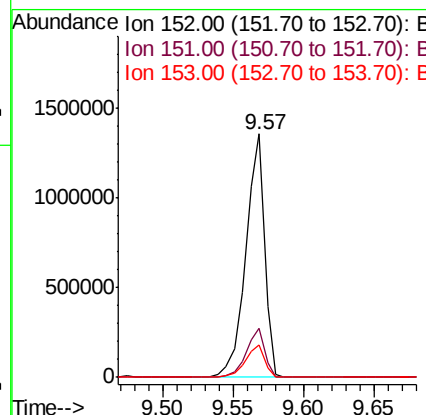
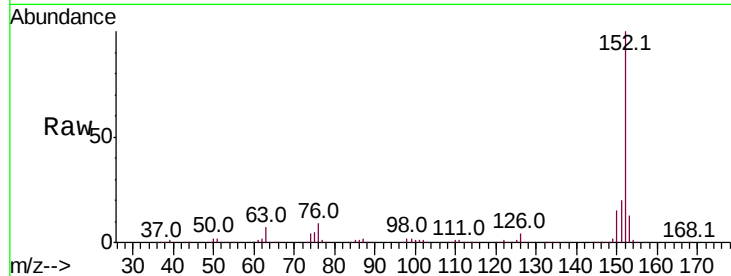
#49
Acenaphthylene
Concen: 44.305 ng
RT: 9.57 min Scan# 1272
Delta R.T. -0.00 min
Lab File: BF120163.D
Acq: 23 Apr 2020 15:09

Instrument :
BNA_F
ClientSampleId :
PB128358BS

Tot Ion	Ratio	Lower	Upper
152	100		
151	19.9	17.2	25.8
153	13.2	11.2	16.8

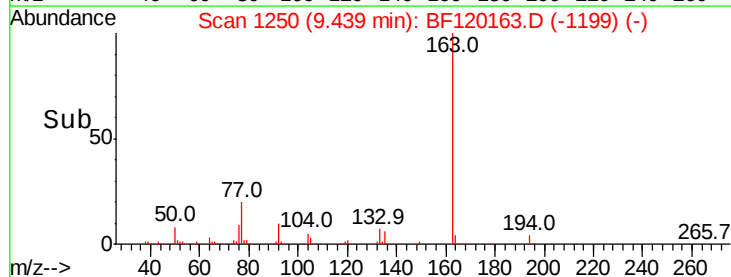
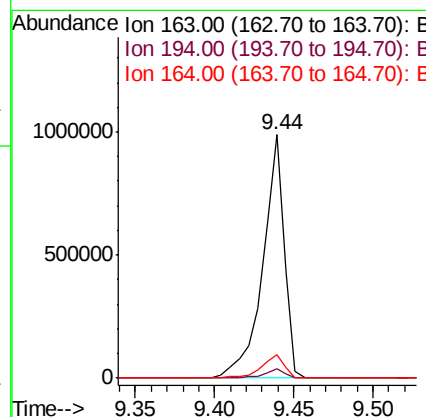
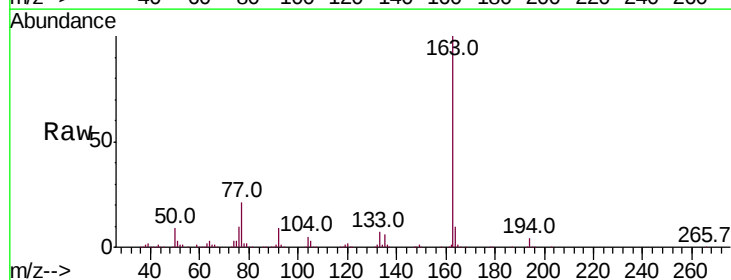
Manual Integrations
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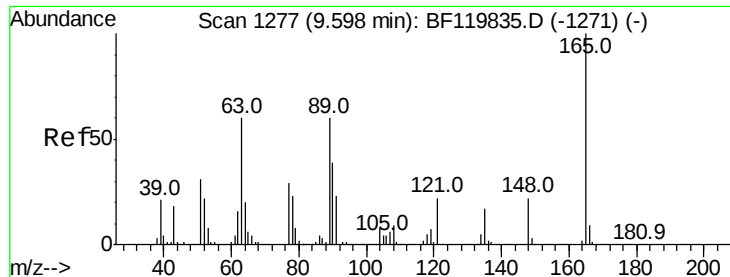
mohammad
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#50
Dimethylphthalate
Concen: 42.259 ng
RT: 9.44 min Scan# 1250
Delta R.T. -0.00 min
Lab File: BF120163.D
Acq: 23 Apr 2020 15:09

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.8	3.1	4.7
164	9.9	8.2	12.2





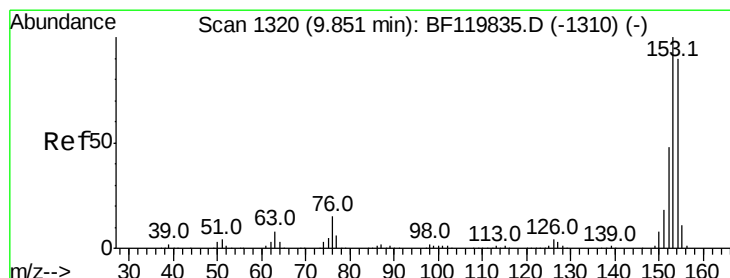
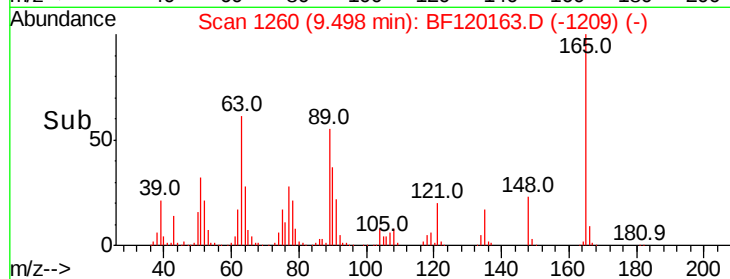
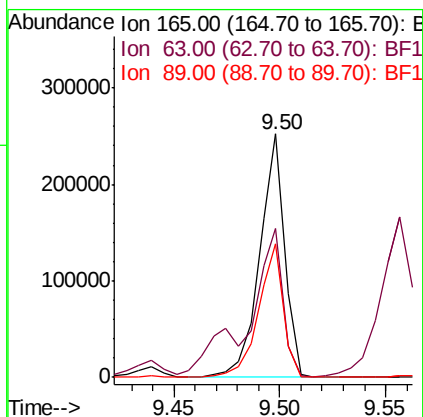
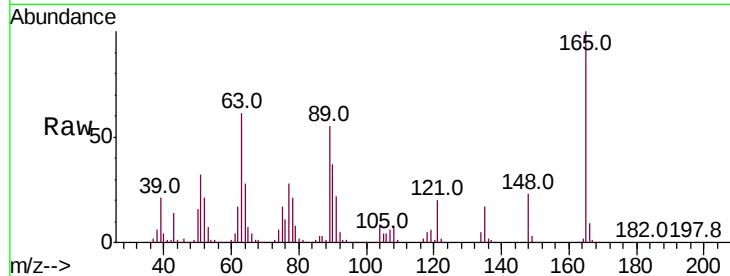
#51
2,6-Dinitrotoluene
Concen: 42.841 ng
RT: 9.50 min Scan# 1260
Delta R.T. -0.00 min
Lab File: BF120163.D
Acq: 23 Apr 2020 15:09

Instrument :
BNA_F
ClientSampleId :
PB128358BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	207832		
63	61.2	45.0	67.4	
89	54.6	41.5	62.3	

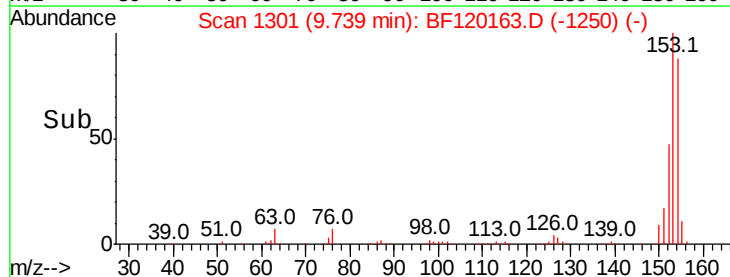
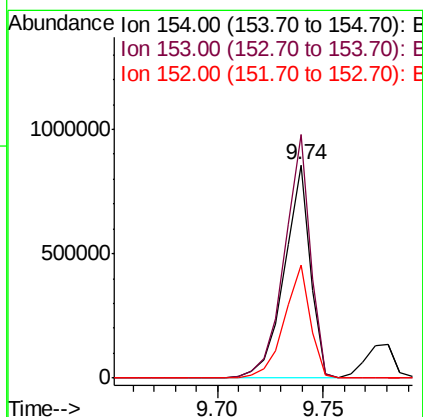
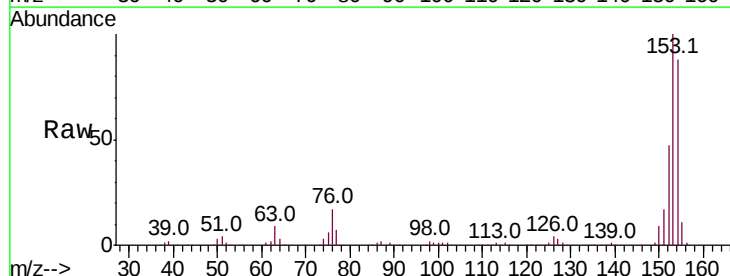
Manual Integrations
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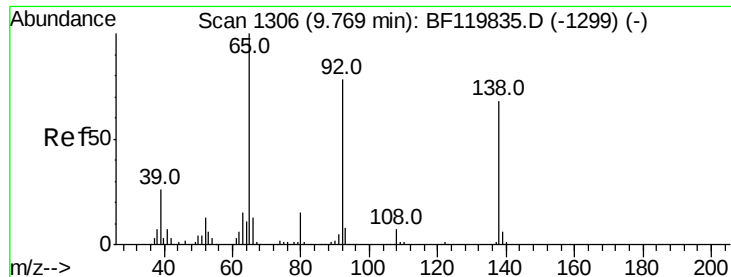
mohammad
4/24/2020 1:34:05 PM



#52
Acenaphthene
Concen: 39.004 ng
RT: 9.74 min Scan# 1301
Delta R.T. -0.00 min
Lab File: BF120163.D
Acq: 23 Apr 2020 15:09

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	736893		
153	114.1	88.1	132.1	
152	53.3	43.0	64.4	





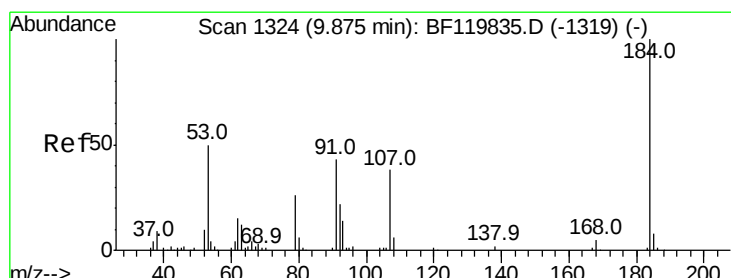
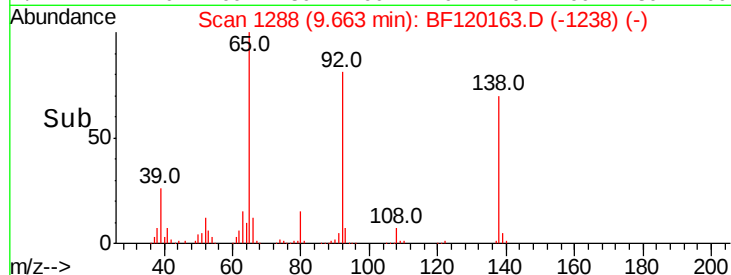
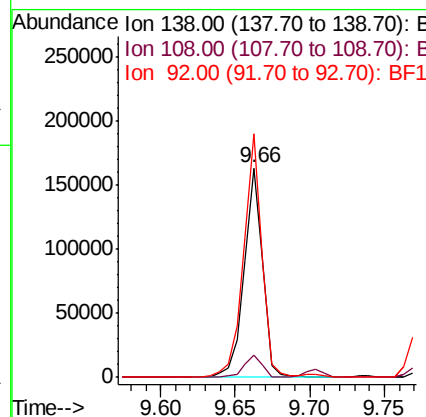
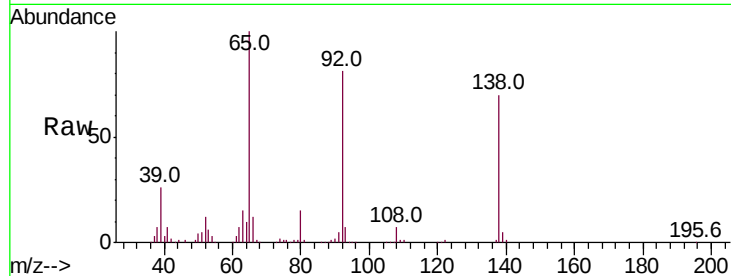
#53
3-Nitroaniline
Concen: 25.469 ng
RT: 9.66 min Scan# 1288
Delta R.T. -0.01 min
Lab File: BF120163.D
Acq: 23 Apr 2020 15:09

Instrument :
BNA_F
ClientSampleId :
PB128358BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.6	8.6	13.0
92	116.5	95.4	143.0

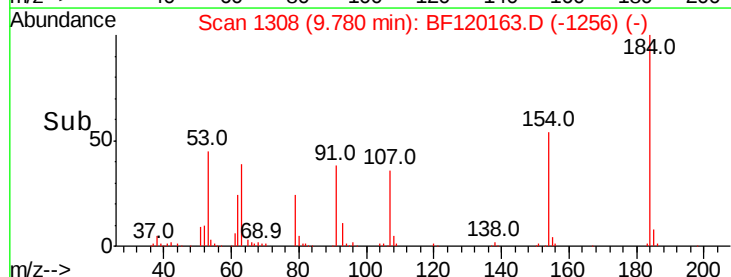
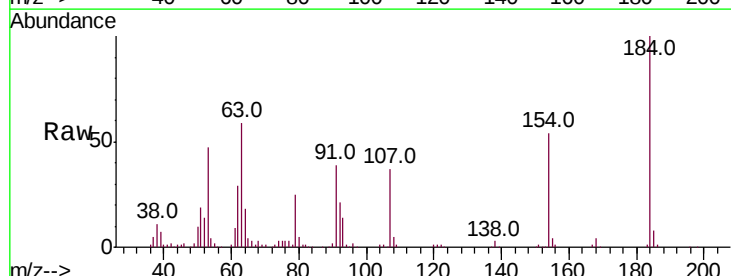
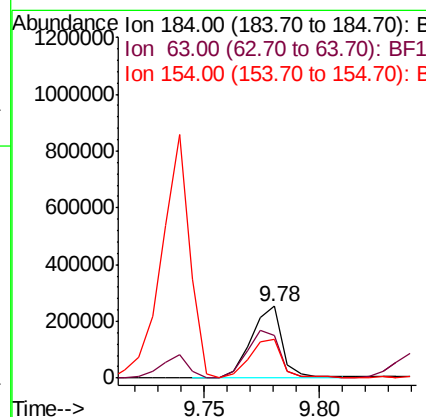
Manual Integrations
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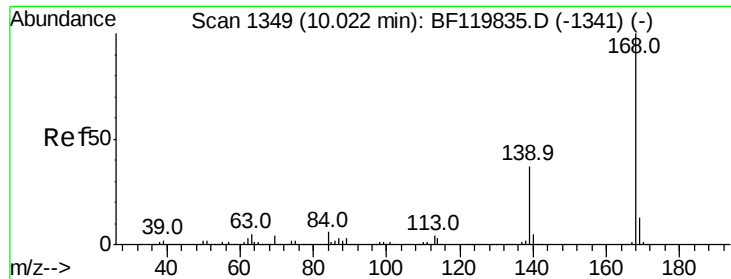
mohammad
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#54
2,4-Dinitrophenol
Concen: 82.631 ng
RT: 9.78 min Scan# 1308
Delta R.T. 0.01 min
Lab File: BF120163.D
Acq: 23 Apr 2020 15:09

Tgt Ion	Ratio	Lower	Upper
184	100		
63	59.4	50.2	75.4
154	53.9	44.5	66.7





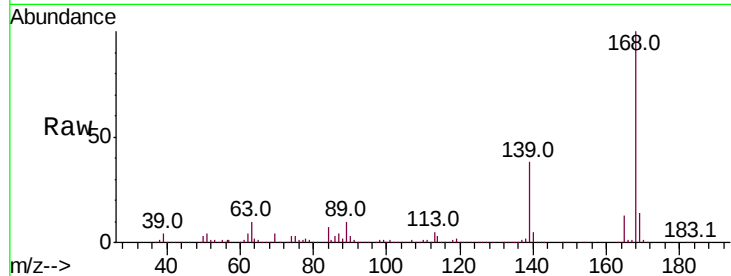
#55
Dibenzofuran
Concen: 43.233 ng
RT: 9.91 min Scan# 1330
Delta R.T. -0.00 min
Lab File: BF120163.D
Acq: 23 Apr 2020 15:09

Instrument :
BNA_F
ClientSampleId :
PB128358BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	38.0	30.1	45.1
169	13.5	11.0	16.6

Manual Integrations
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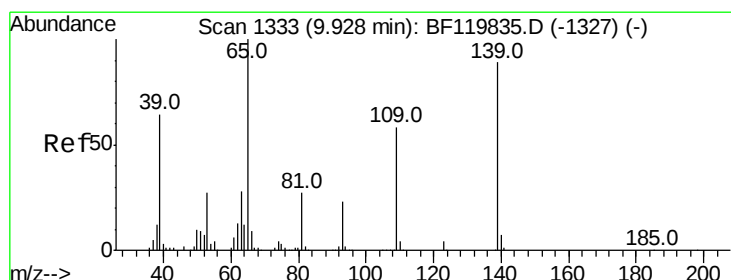
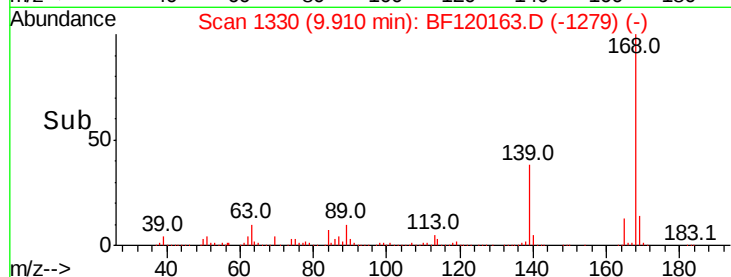
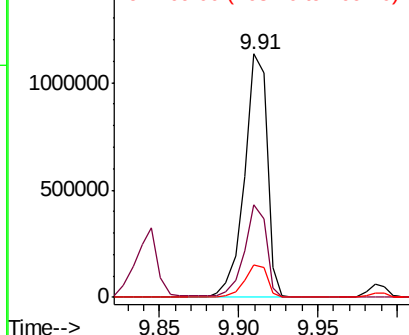


Abundance

Ion 168.00 (167.70 to 168.70): E

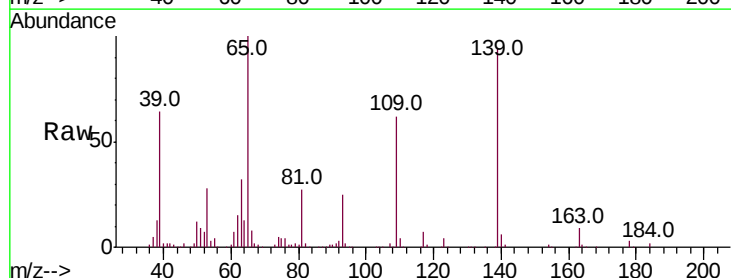
Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56
4-Nitrophenol
Concen: 77.236 ng
RT: 9.85 min Scan# 1319
Delta R.T. 0.01 min
Lab File: BF120163.D
Acq: 23 Apr 2020 15:09

Tgt Ion	Ratio	Lower	Upper
139	100		
109	65.5	43.3	83.3
65	106.2	91.0	131.0

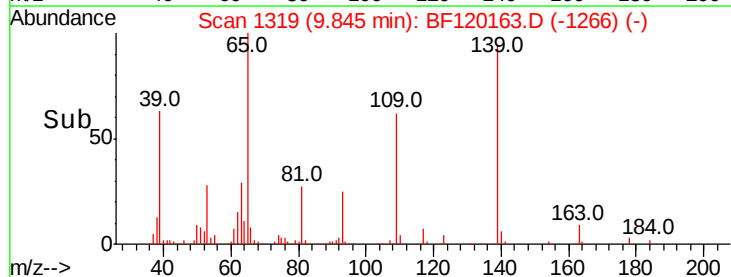
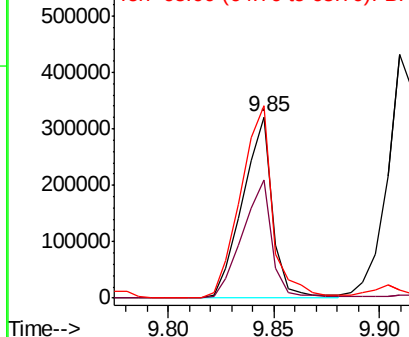


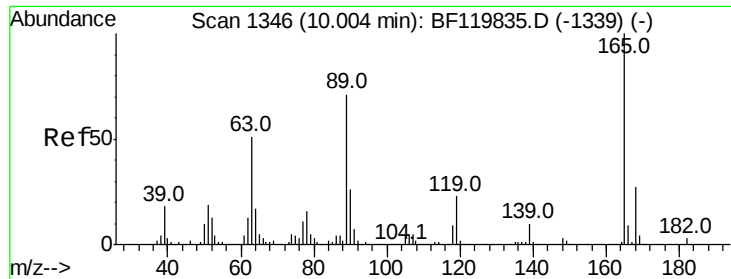
Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





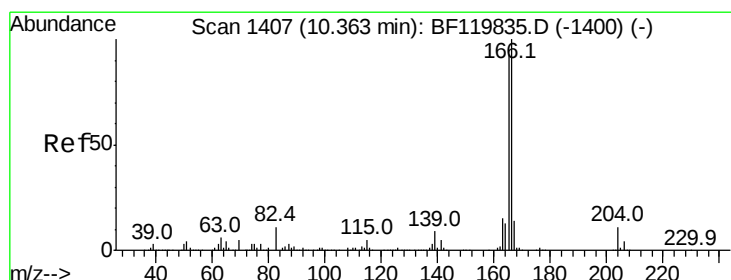
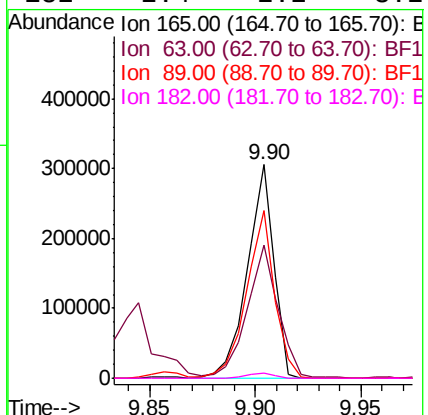
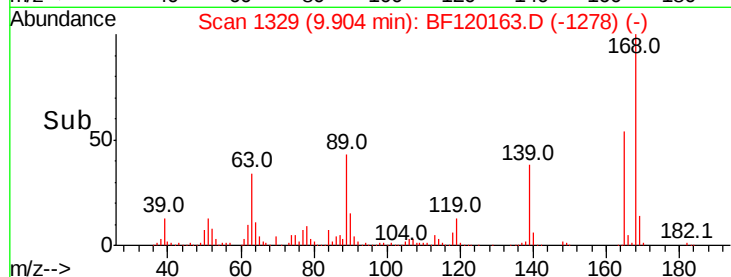
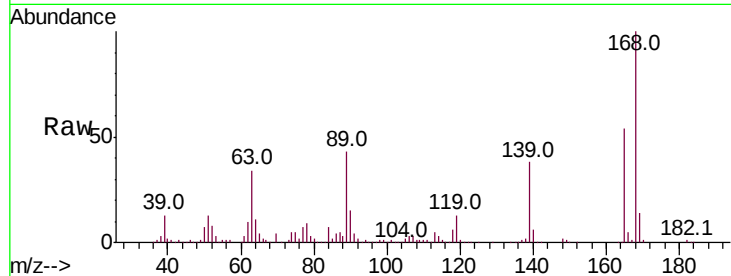
#57
2,4-Dinitrotoluene
Concen: 41.806 ng
RT: 9.90 min Scan# 1329
Delta R.T. -0.00 min
Lab File: BF120163.D
Acq: 23 Apr 2020 15:09

Instrument :
BNA_F
ClientSampleId :
PB128358BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	267211		
63	62.5	42.6	64.0	
89	78.5	61.0	91.4	
182	2.4	2.2	3.2	

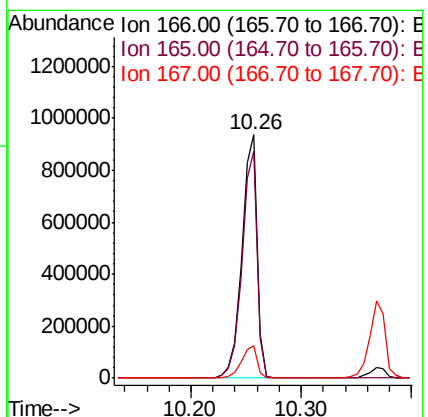
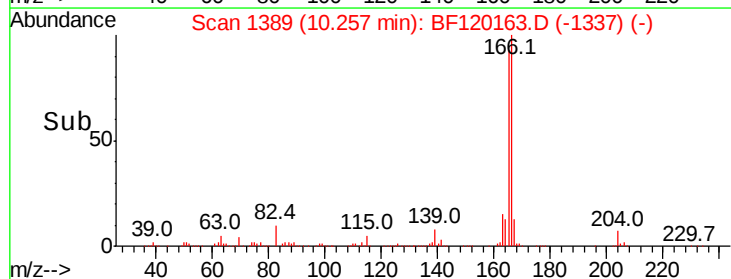
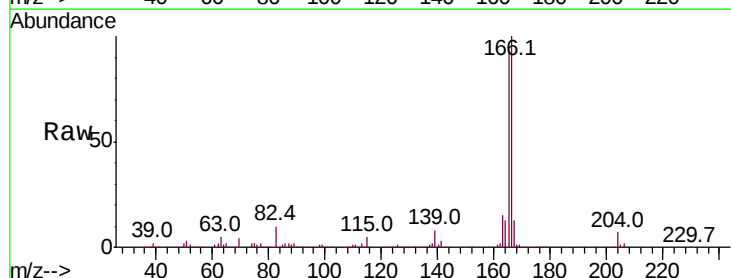
Manual Integrations
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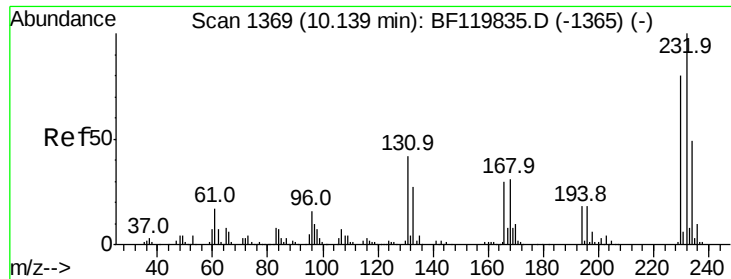
mohammad
4/24/2020 1:34:05 PM



#58
Fluorene
Concen: 43.616 ng
RT: 10.26 min Scan# 1389
Delta R.T. 0.01 min
Lab File: BF120163.D
Acq: 23 Apr 2020 15:09

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	904332		
165	93.4	75.4	113.2	
167	13.3	11.2	16.8	





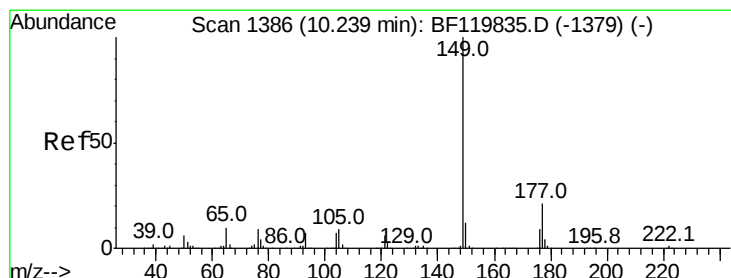
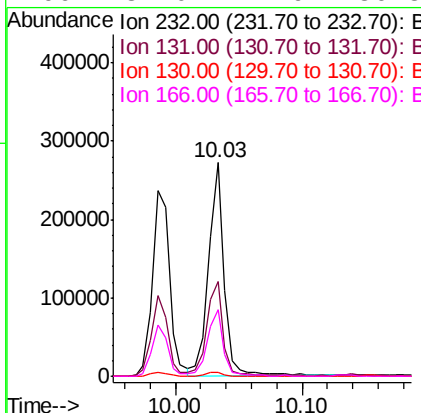
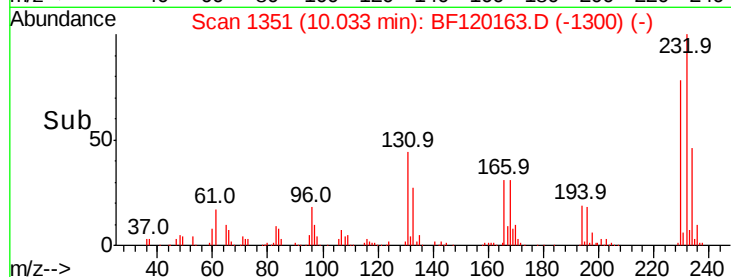
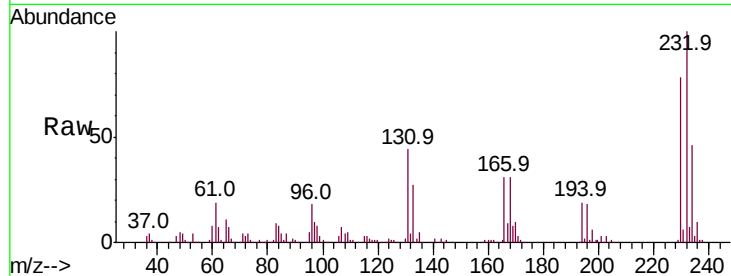
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 43.952 ng
 RT: 10.03 min Scan# 1351
 Delta R.T. -0.00 min
 Lab File: BF120163.D
 Acq: 23 Apr 2020 15:09

Instrument :
 BNA_F
 ClientSampleId :
 PB128358BS

Tot Ion	Ratio	Resp	Lower	Upper
232	100	236510		
131	46.1		37.5	56.3
130	2.1		1.8	2.6
166	32.0		24.6	36.8

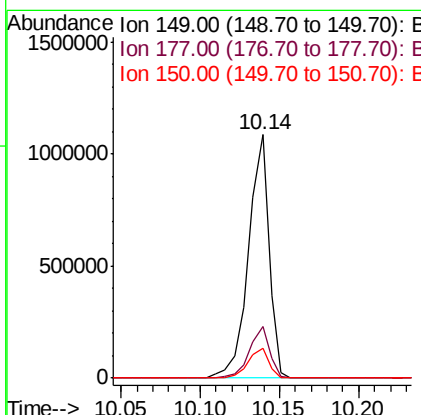
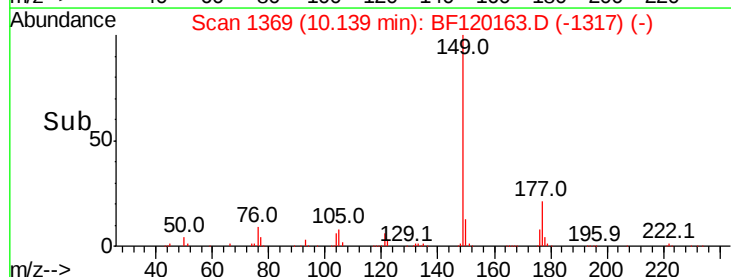
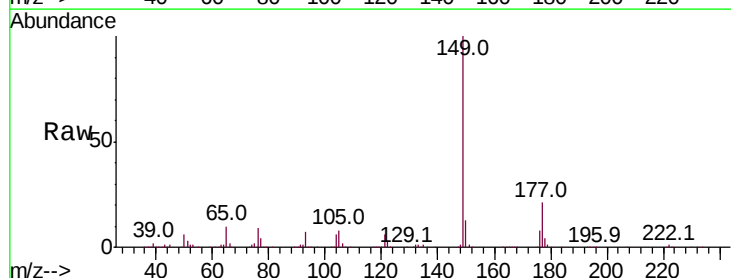
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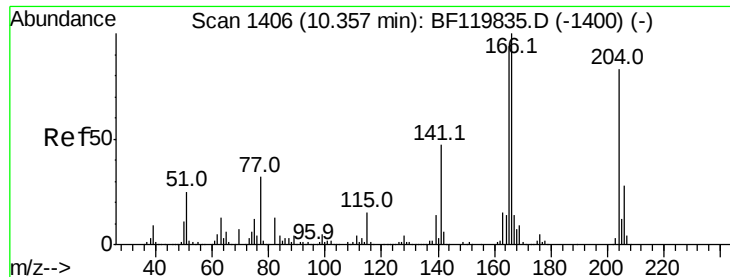
mohammad
 4/24/2020 1:34:05 PM



#60
 Diethylphthalate
 Concen: 42.527 ng
 RT: 10.14 min Scan# 1369
 Delta R.T. 0.01 min
 Lab File: BF120163.D
 Acq: 23 Apr 2020 15:09

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	976462		
177	21.2		17.0	25.6
150	12.5		10.1	15.1





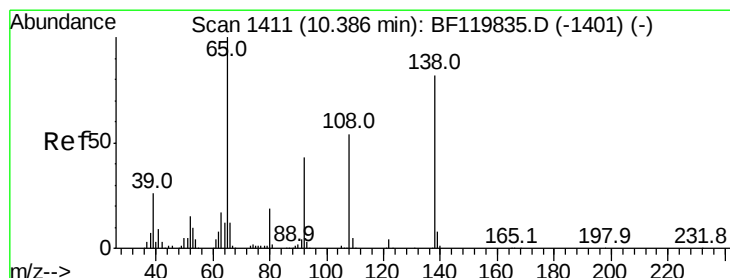
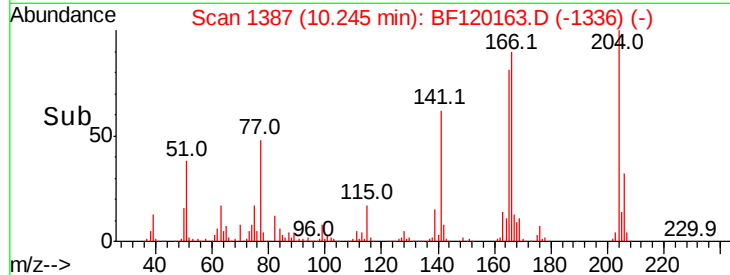
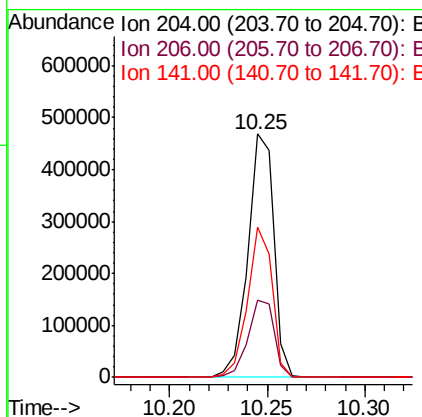
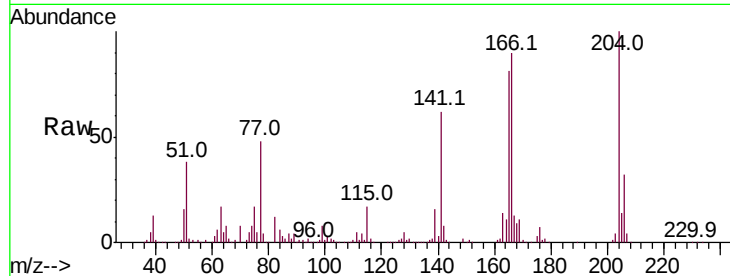
#61
 4-Chlorophenyl-phenylether
 Concen: 40.623 ng
 RT: 10.25 min Scan# 1387
 Delta R.T. -0.00 min
 Lab File: BF120163.D
 Acq: 23 Apr 2020 15:09

Instrument :
 BNA_F
 ClientSampleId :
 PB128358BS

Tot Ion:	204	Resp:	431698
Ion Ratio	Lower	Upper	
204	100		
206	31.9	26.7	40.1
141	61.8	47.3	70.9

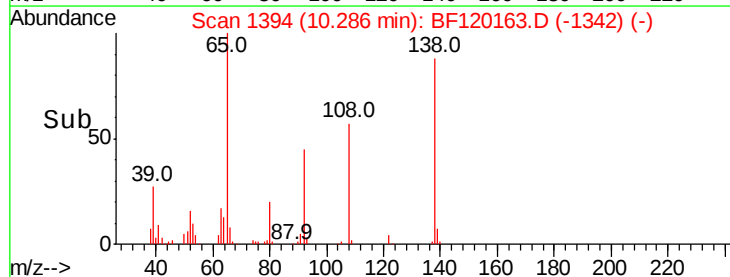
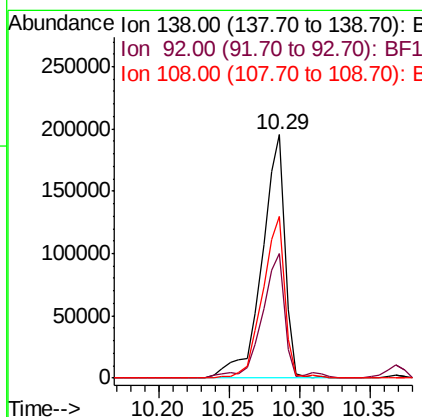
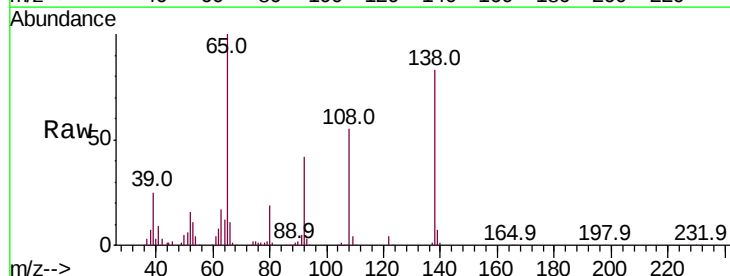
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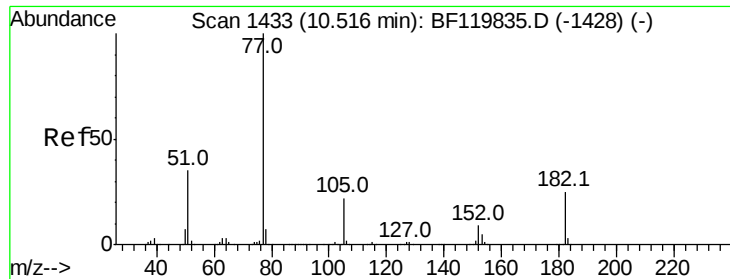
mohammad
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#62
 4-Nitroaniline
 Concen: 42.491 ng
 RT: 10.29 min Scan# 1394
 Delta R.T. 0.01 min
 Lab File: BF120163.D
 Acq: 23 Apr 2020 15:09

Tgt Ion:	138	Resp:	224366
Ion Ratio	Lower	Upper	
138	100		
92	50.9	31.5	71.5
108	66.4	45.8	85.8





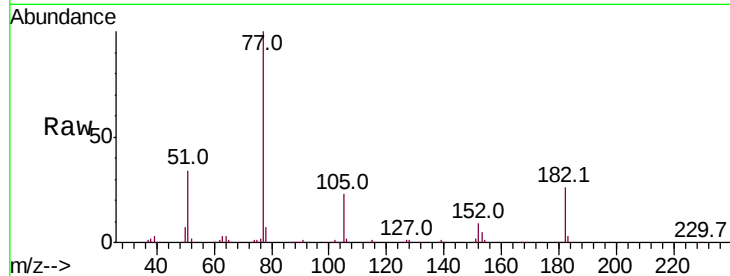
#63
Azobenzene
Concen: 44.878 ng
RT: 10.41 min Scan# 1415
Delta R.T. -0.00 min
Lab File: BF120163.D
Acq: 23 Apr 2020 15:09

Instrument :
BNA_F
ClientSampleId :
PB128358BS

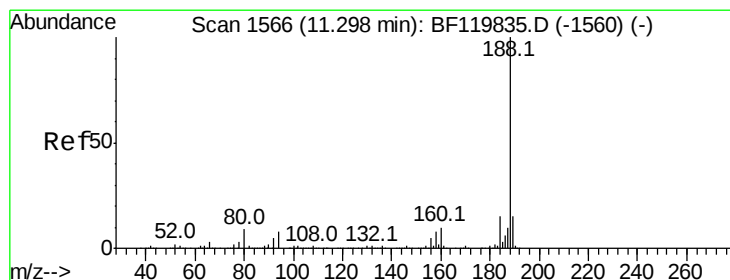
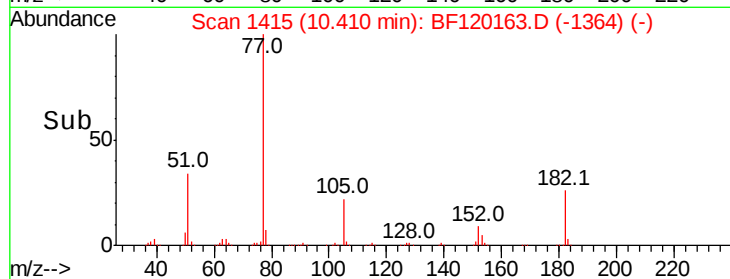
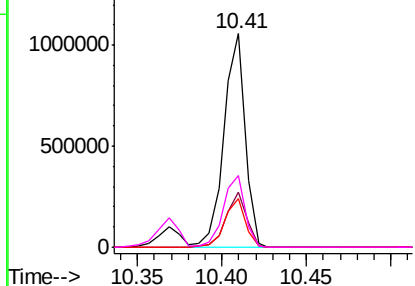
Tot Ion	Ratio	Lower	Upper
77	100		
182	26.0	4.4	44.4
105	22.6	2.6	42.6
51	33.7	15.1	55.1

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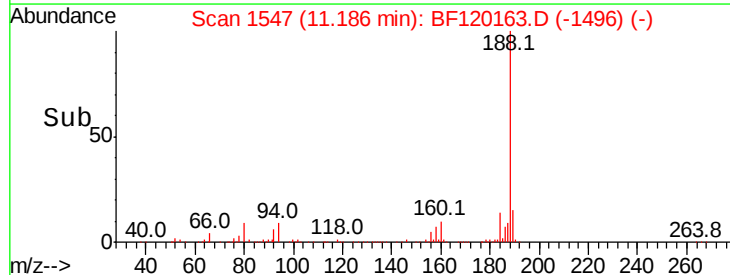
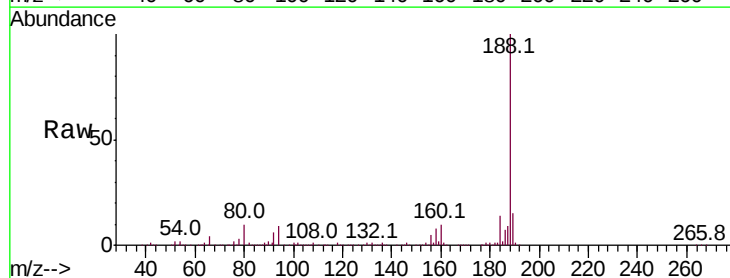
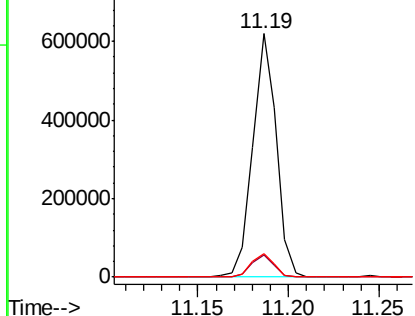
Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

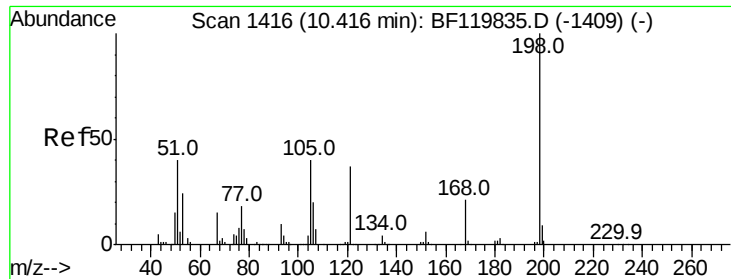


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.19 min Scan# 1547
Delta R.T. -0.00 min
Lab File: BF120163.D
Acq: 23 Apr 2020 15:09

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.3	7.5	11.3
80	9.5	9.0	13.4

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





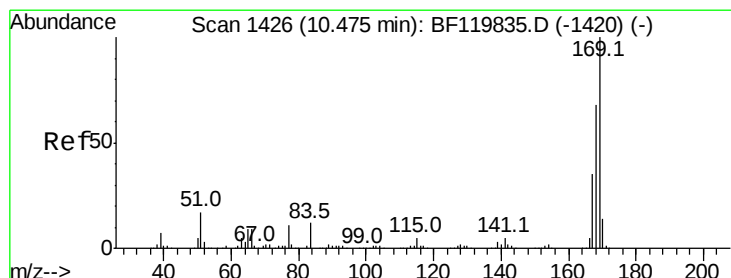
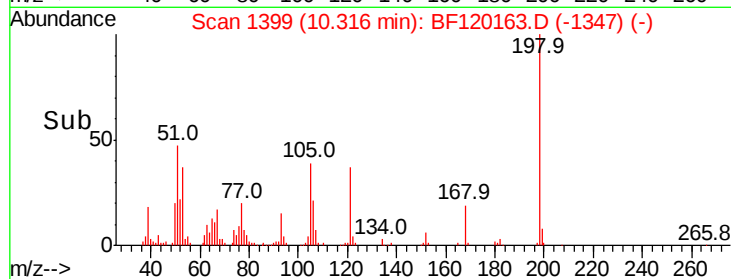
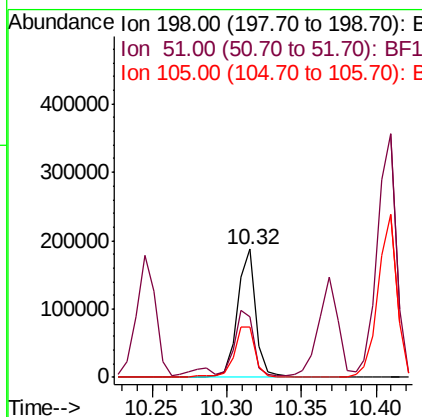
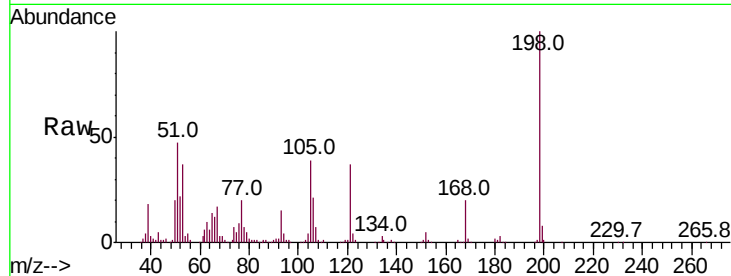
#65
 4,6-Dinitro-2-methylphenol
 Concen: 44.361 ng
 RT: 10.32 min Scan# 1399
 Delta R.T. 0.01 min
 Lab File: BF120163.D
 Acq: 23 Apr 2020 15:09

Instrument :
 BNA_F
 ClientSampleId :
 PB128358BS

Tot Ion	Ratio	Resp	Lower	Upper
198	100	162902		
51	47.0	29.0	69.0	
105	39.2	22.2	62.2	

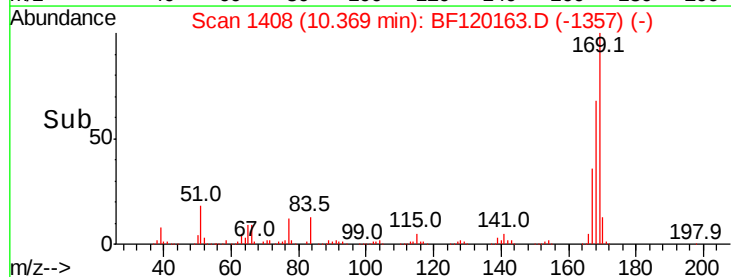
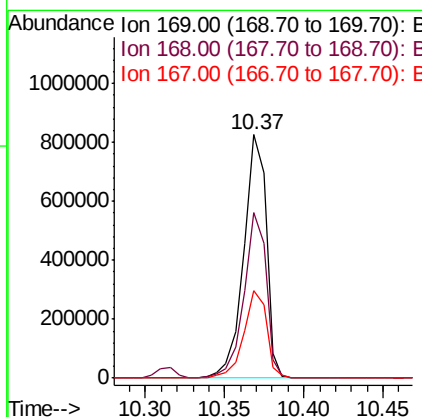
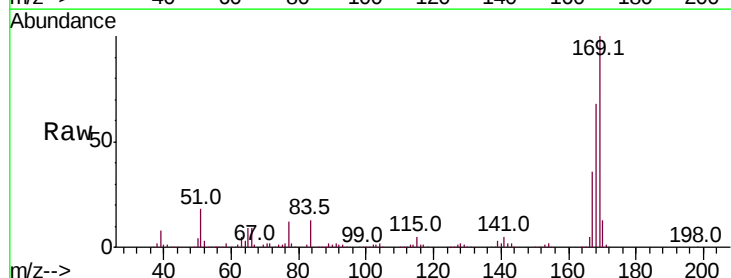
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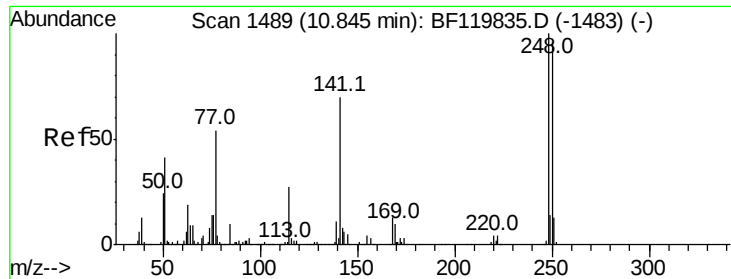
mohammad
 4/24/2020 1:34:05 PM



#66
 n-Nitrosodiphenylamine
 Concen: 43.965 ng
 RT: 10.37 min Scan# 1408
 Delta R.T. -0.00 min
 Lab File: BF120163.D
 Acq: 23 Apr 2020 15:09

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	815003		
168	67.8	53.2	79.8	
167	36.2	29.1	43.7	





#67

4-Bromophenyl-phenylether

Concen: 39.069 ng

RT: 10.73 min Scan# 1470

Delta R.T. -0.00 min

Lab File: BF120163.D

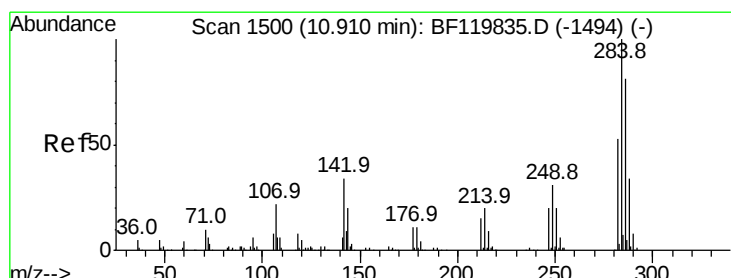
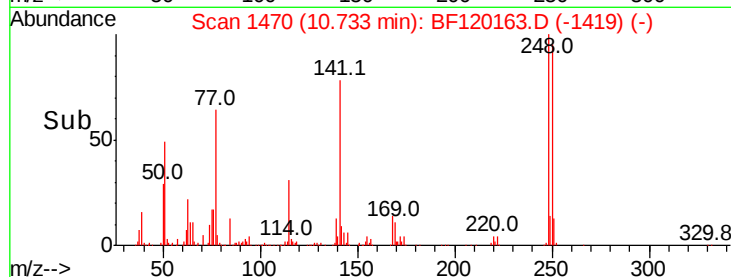
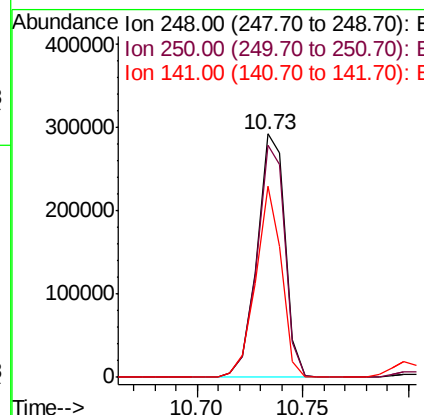
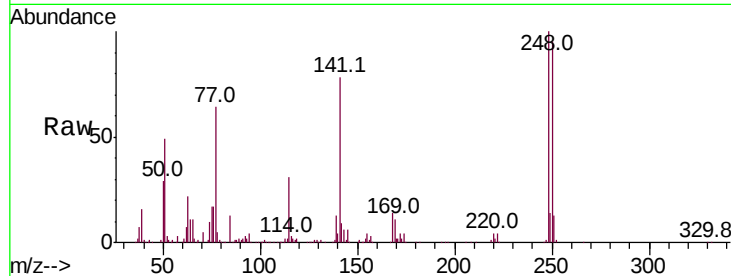
Acq: 23 Apr 2020 15:09

Instrument :
BNA_F
ClientSampleId :
PB128358BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	95.3	77.3	115.9
141	78.3	58.6	87.8

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#68

Hexachlorobenzene

Concen: 40.746 ng

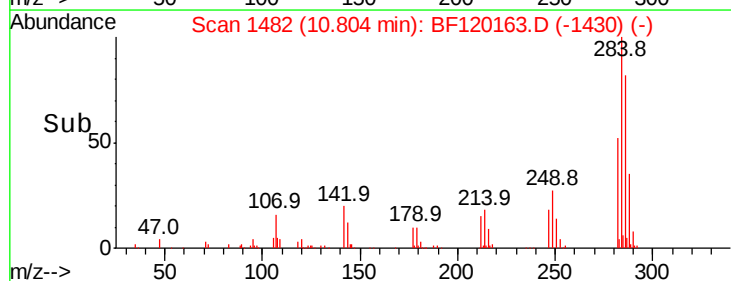
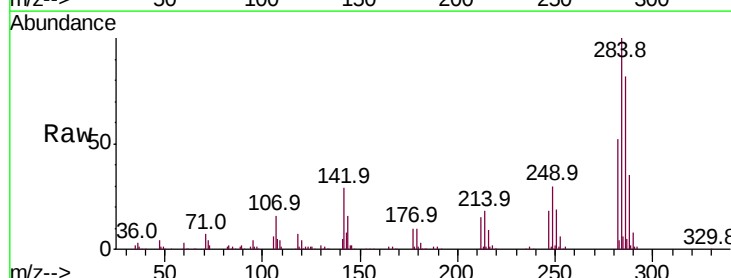
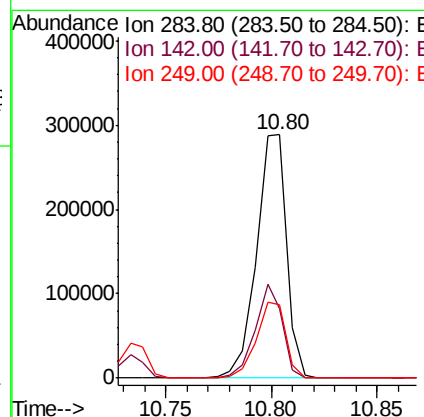
RT: 10.80 min Scan# 1482

Delta R.T. 0.01 min

Lab File: BF120163.D

Acq: 23 Apr 2020 15:09

Tgt Ion	Ratio	Lower	Upper
284	100		
142	28.6	29.2	43.8#
249	29.9	25.1	37.7





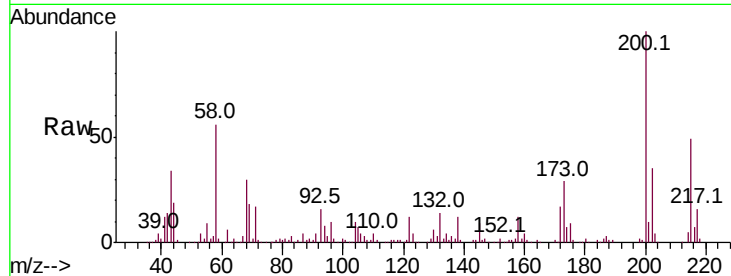
#69
Atrazine
Concen: 48.581 ng
RT: 10.90 min Scan# 1499
Delta R.T. 0.01 min
Lab File: BF120163.D
Acq: 23 Apr 2020 15:09

Instrument :
BNA_F
ClientSampleId :
PB128358BS

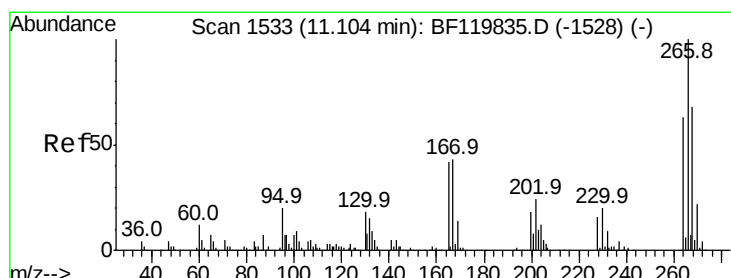
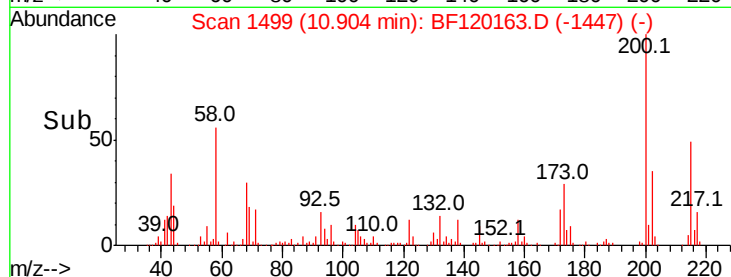
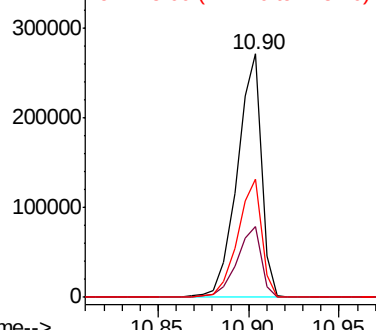
Tot Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	29.3	9.3	49.3
215	48.7	29.5	69.5

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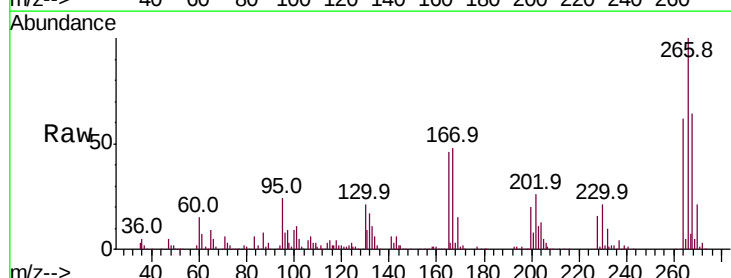


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

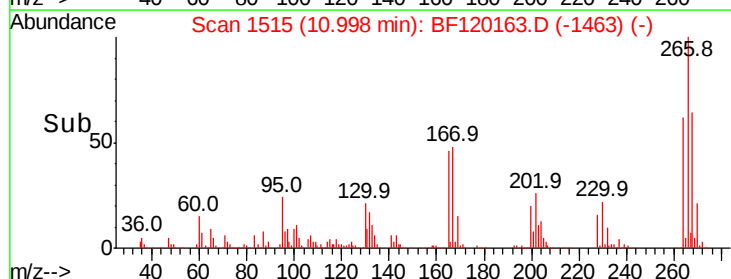
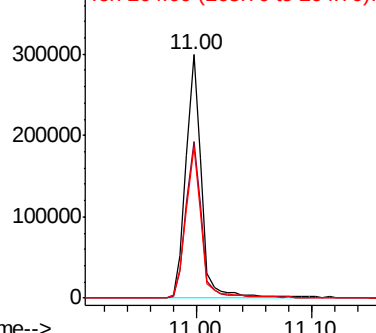


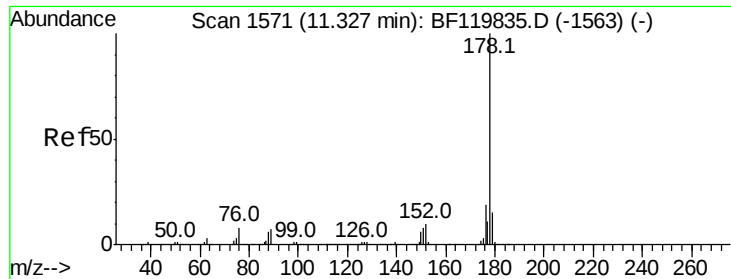
#70
Pentachlorophenol
Concen: 69.446 ng
RT: 11.00 min Scan# 1515
Delta R.T. 0.01 min
Lab File: BF120163.D
Acq: 23 Apr 2020 15:09

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
268	64.1	53.3	79.9
264	62.3	49.0	73.4



Abundance Ion 265.70 (265.40 to 266.40): E
Ion 268.00 (267.70 to 268.70): E
Ion 264.00 (263.70 to 264.70): E





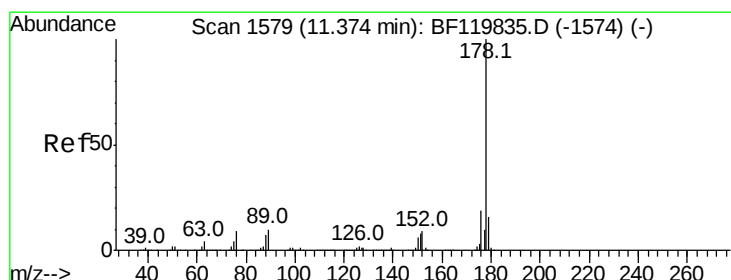
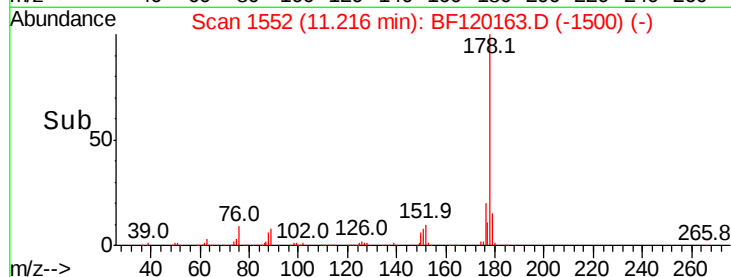
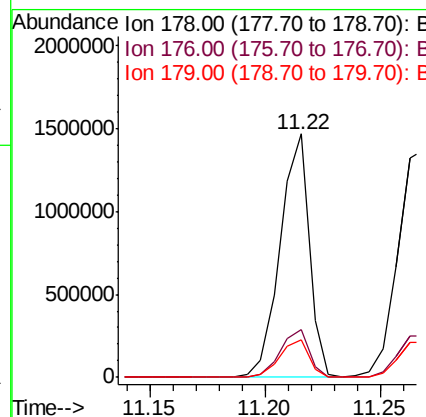
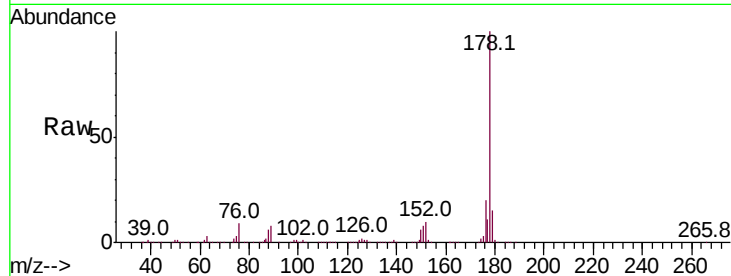
#71
Phenanthrene
Concen: 43.369 ng
RT: 11.22 min Scan# 1552
Delta R.T. 0.01 min
Lab File: BF120163.D
Acq: 23 Apr 2020 15:09

Instrument :
BNA_F
ClientSampleId :
PB128358BS

Tot Ion:178 Resp: 1286549
Ion Ratio Lower Upper
178 100
176 19.7 16.2 24.4
179 15.4 13.2 19.8

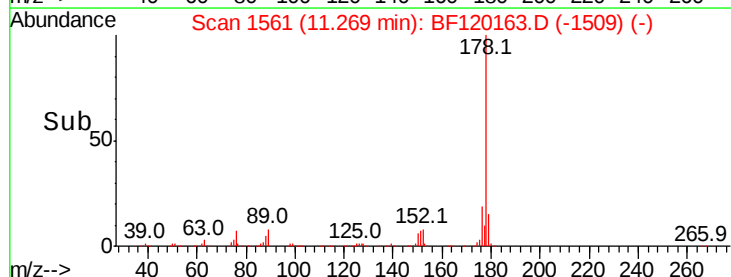
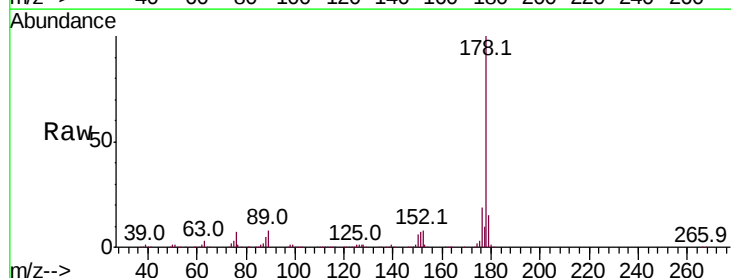
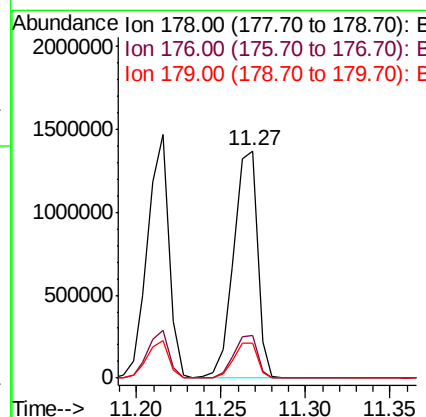
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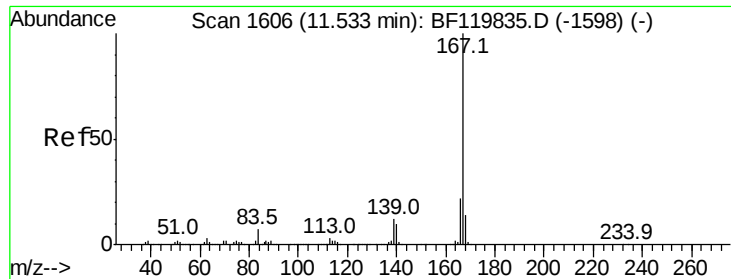
mohammad
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#72
Anthracene
Concen: 44.351 ng
RT: 11.27 min Scan# 1561
Delta R.T. 0.01 min
Lab File: BF120163.D
Acq: 23 Apr 2020 15:09

Tgt Ion:178 Resp: 1344038
Ion Ratio Lower Upper
178 100
176 18.9 16.1 24.1
179 15.5 13.0 19.4





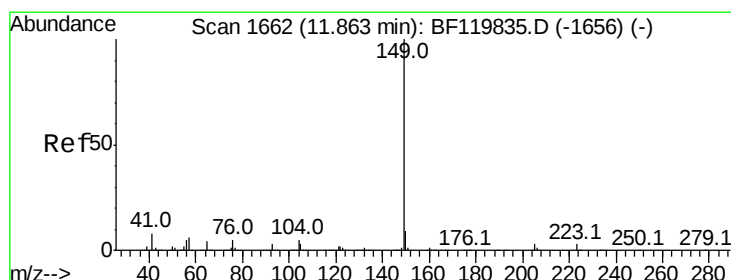
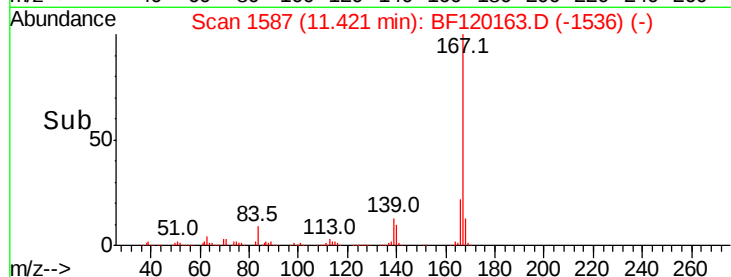
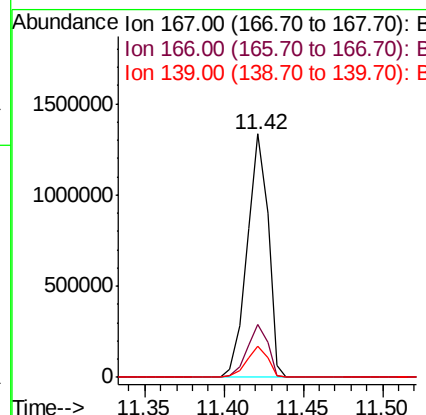
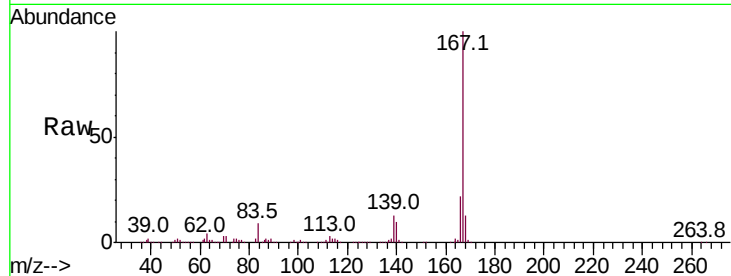
#73
 Carbazole
 Concen: 42.732 ng
 RT: 11.42 min Scan# 1587
 Delta R.T. -0.00 min
 Lab File: BF120163.D
 Acq: 23 Apr 2020 15:09

Instrument :
 BNA_F
 ClientSampleId :
 PB128358BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.6	18.2	27.4
139	13.0	10.7	16.1

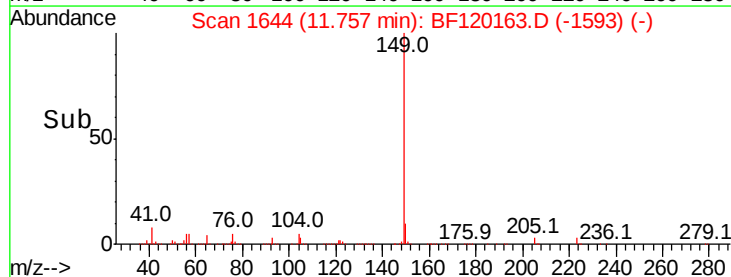
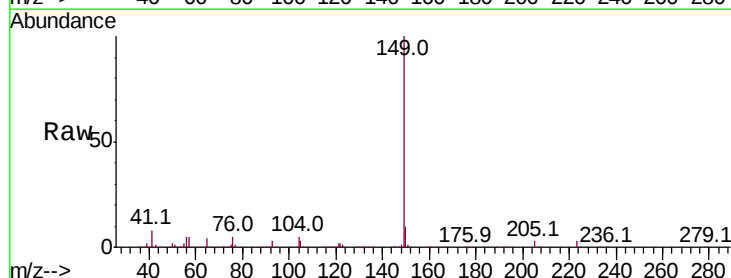
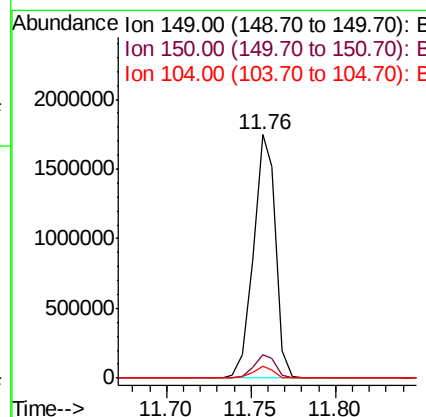
Manual Integrations
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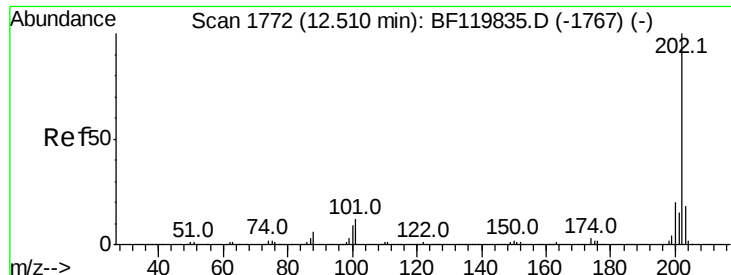
mohammad
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#74
 Di-n-butylphthalate
 Concen: 42.205 ng
 RT: 11.76 min Scan# 1644
 Delta R.T. -0.00 min
 Lab File: BF120163.D
 Acq: 23 Apr 2020 15:09

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.7	7.8	11.8
104	4.7	3.6	5.4





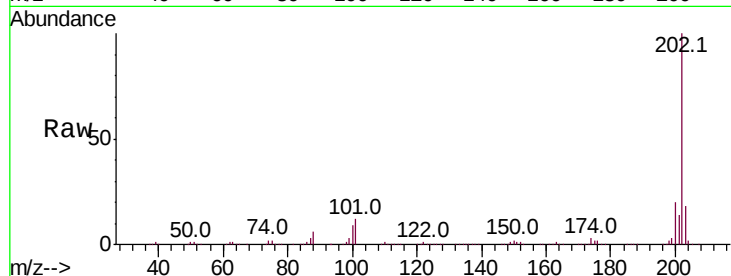
#75
Fluoranthene
 Concen: 44.547 ng
 RT: 12.40 min Scan# 1753
 Delta R.T. -0.00 min
 Lab File: BF120163.D
 Acq: 23 Apr 2020 15:09

Instrument :
 BNA_F
 ClientSampleId :
 PB128358BS

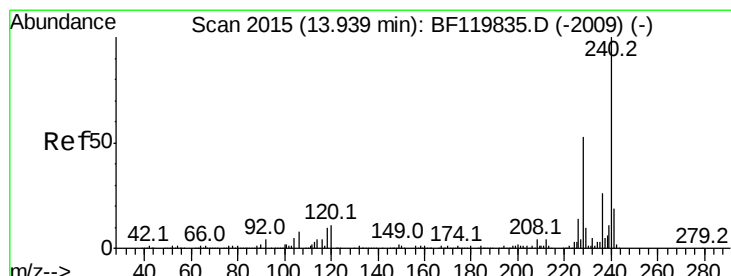
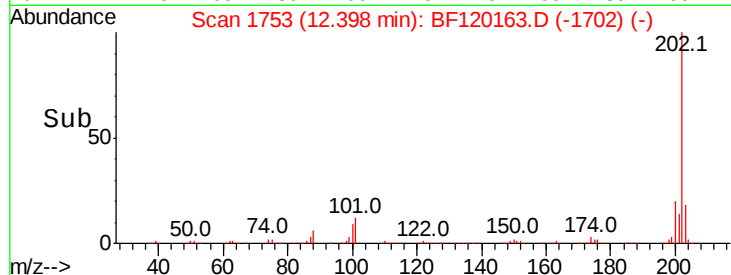
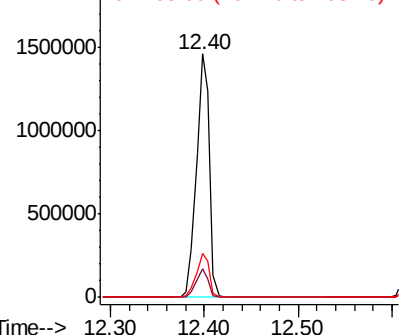
Tot Ion:	202	Resp:	1425865
Ion Ratio	Lower	Upper	
202	100		
101	11.9	0.0	32.2
203	18.0	0.0	38.8

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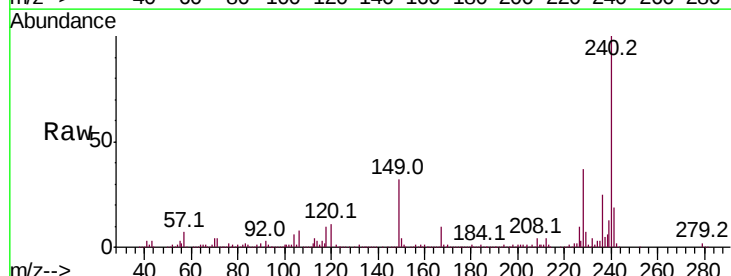


Abundance Ion 202.00 (201.70 to 202.70): E
 2000000
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

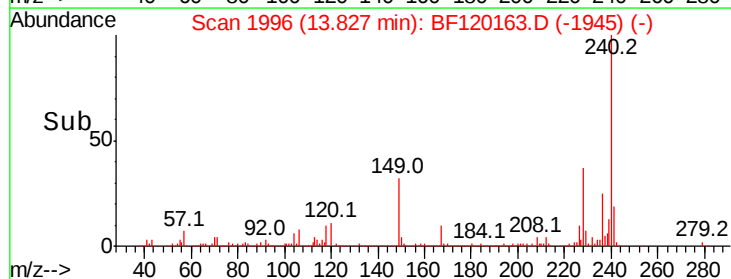
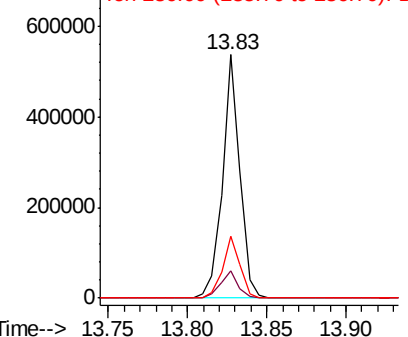


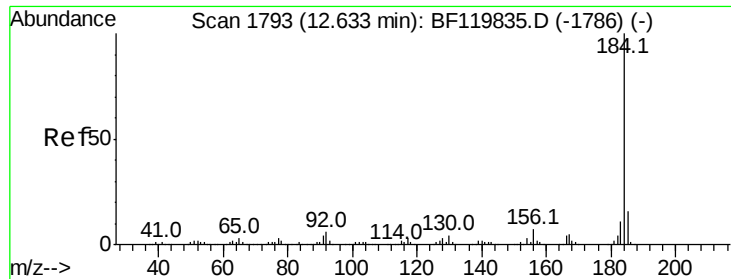
#76
Chrysene-d12
 Concen: 20.000 ng
 RT: 13.83 min Scan# 1996
 Delta R.T. -0.00 min
 Lab File: BF120163.D
 Acq: 23 Apr 2020 15:09

Tgt Ion:	240	Resp:	407710
Ion Ratio	Lower	Upper	
240	100		
120	11.0	10.6	15.8
236	25.5	20.2	30.2



Abundance Ion 240.00 (239.70 to 240.70): E
 600000
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 56.447 ng

RT: 12.53 min Scan# 1775

Delta R.T. 0.01 min

Lab File: BF120163.D

Acq: 23 Apr 2020 15:09

Instrument :

BNA_F

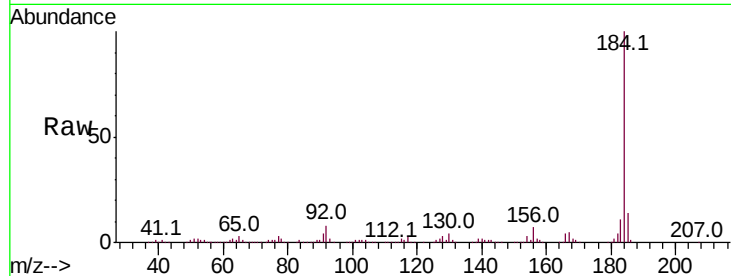
ClientSampleId :

PB128358BS

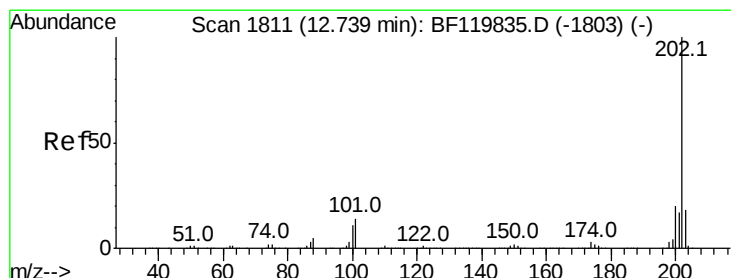
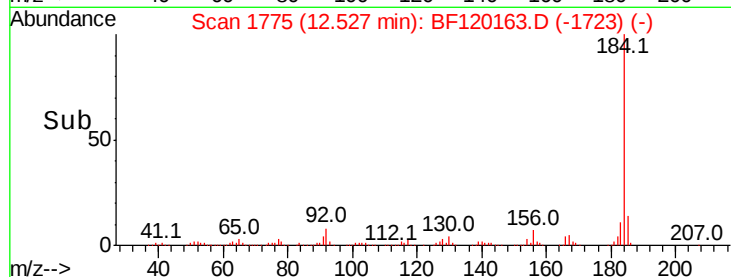
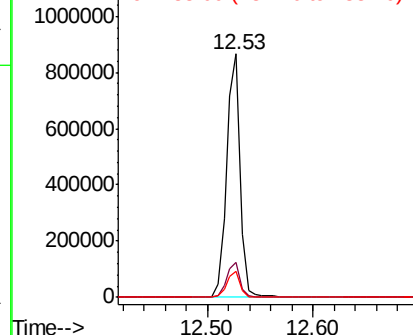
Tot Ion:	184	Resp:	777942
Ion Ratio	Lower	Upper	
184	100		
185	14.2	12.3	18.5
183	10.8	9.0	13.6

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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: 41.105 ng

RT: 12.63 min Scan# 1792

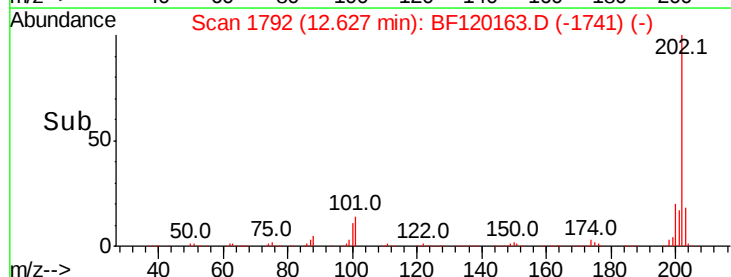
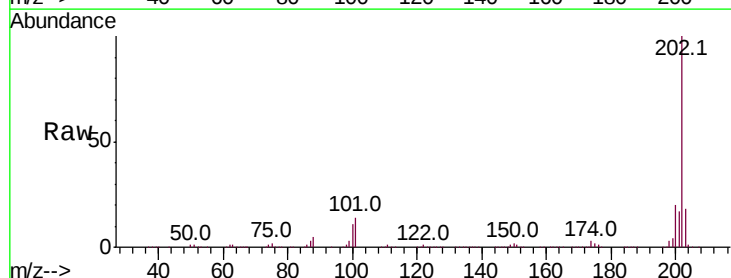
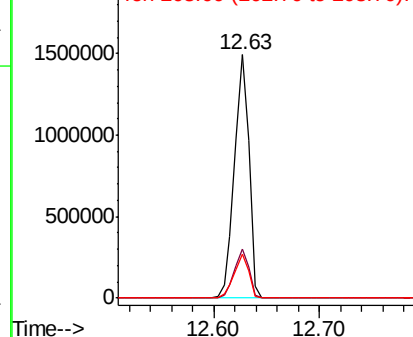
Delta R.T. -0.00 min

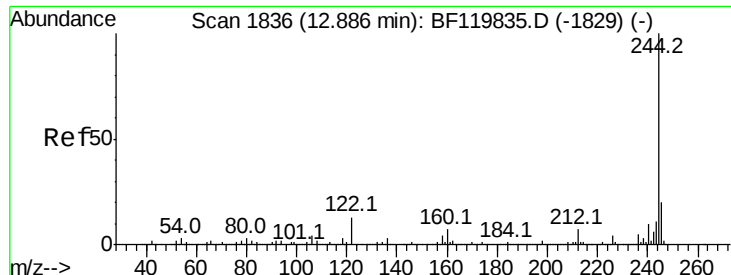
Lab File: BF120163.D

Acq: 23 Apr 2020 15:09

Tgt Ion:	202	Resp:	1412810
Ion Ratio	Lower	Upper	
202	100		
200	20.3	16.8	25.2
203	17.8	15.1	22.7

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





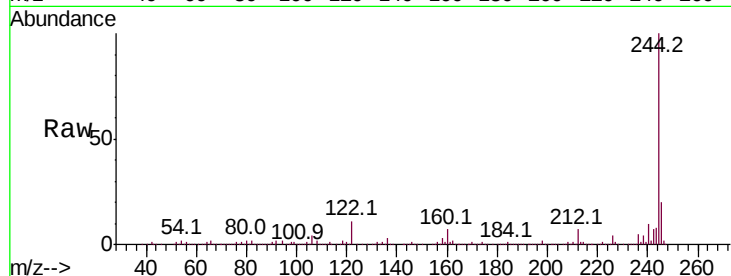
#79
 Terphenyl-d14
 Concen: 76.884 ng
 RT: 12.78 min Scan# 1818
 Delta R.T. 0.01 min
 Lab File: BF120163.D
 Acq: 23 Apr 2020 15:09

Instrument :
 BNA_F
 ClientSampleId :
 PB128358BS

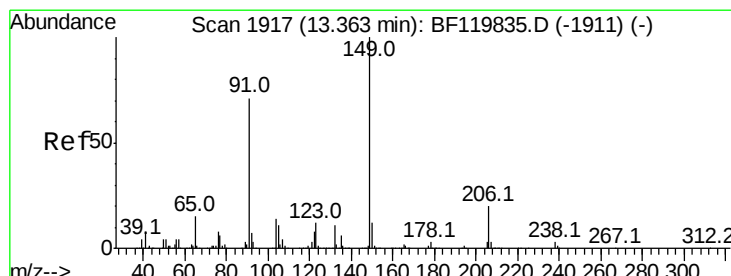
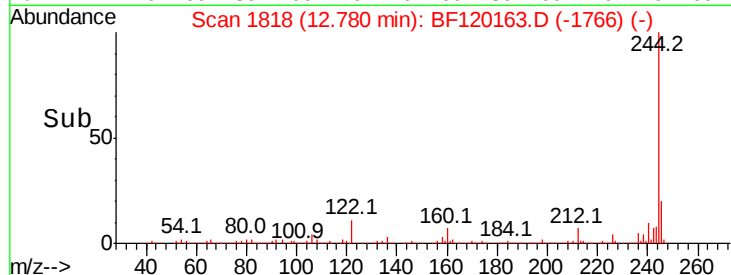
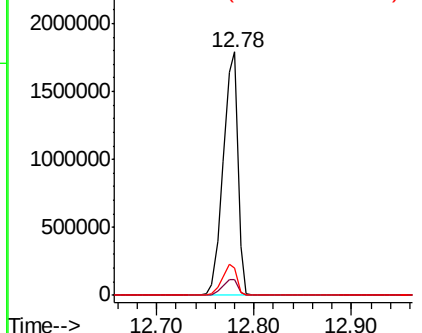
Tot Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.8	8.8
122	11.4	10.3	15.5

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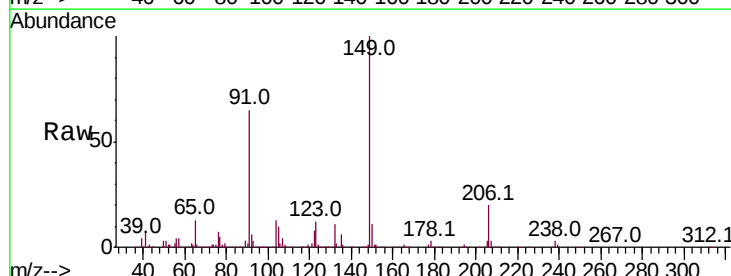


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

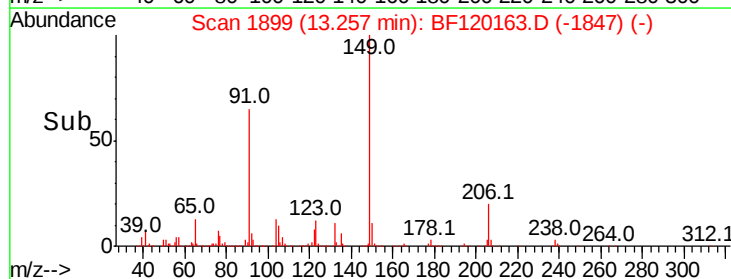
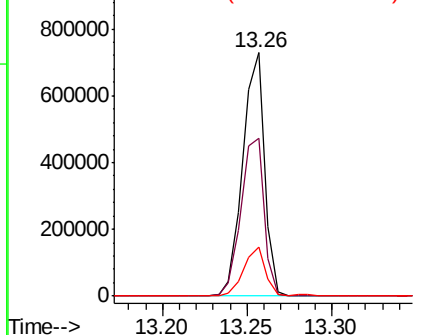


#80
 Butylbenzylphthalate
 Concen: 39.596 ng
 RT: 13.26 min Scan# 1899
 Delta R.T. 0.01 min
 Lab File: BF120163.D
 Acq: 23 Apr 2020 15:09

Tgt Ion	Ratio	Lower	Upper
149	100		
91	64.9	54.7	82.1
206	20.4	16.2	24.2



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 91.00 (90.70 to 91.70): BF1
 Ion 206.00 (205.70 to 206.70): E





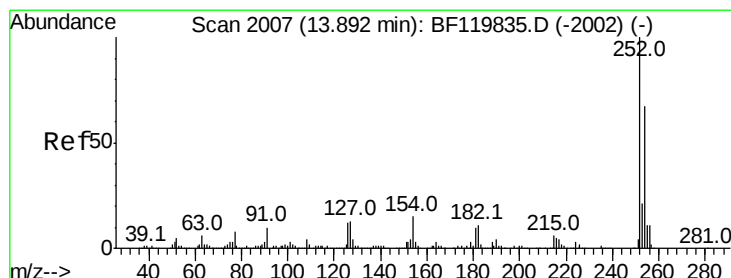
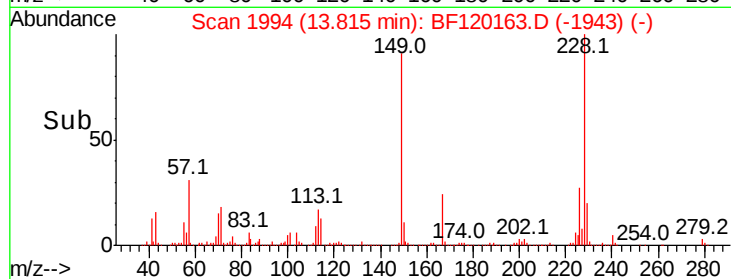
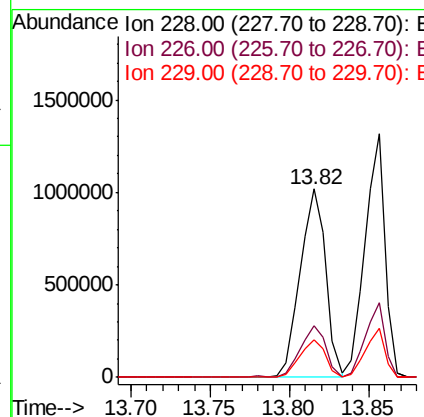
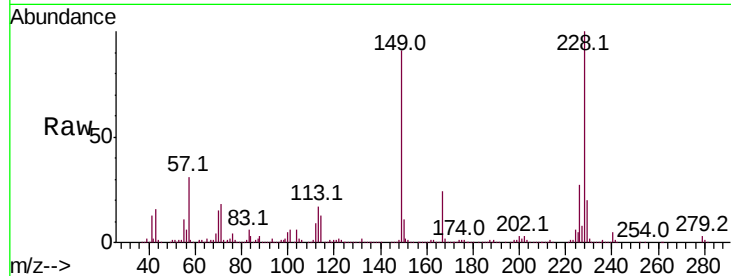
#81
Benzo(a)anthracene
Concen: 42.696 ng
RT: 13.82 min Scan# 1994
Delta R.T. -0.00 min
Lab File: BF120163.D
Acq: 23 Apr 2020 15:09

Instrument :
BNA_F
ClientSampleId :
PB128358BS

Tot Ion:228 Resp: 1145174
Ion Ratio Lower Upper
228 100
226 27.5 21.8 32.8
229 19.8 16.2 24.4

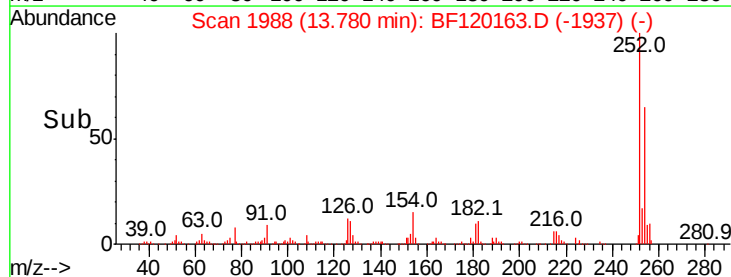
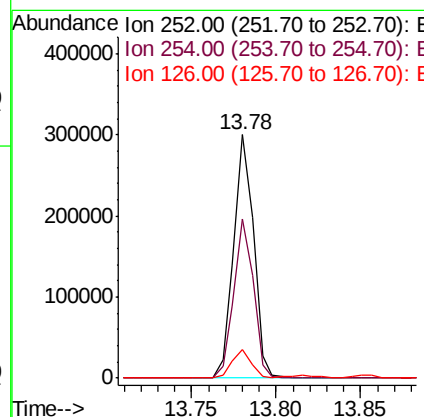
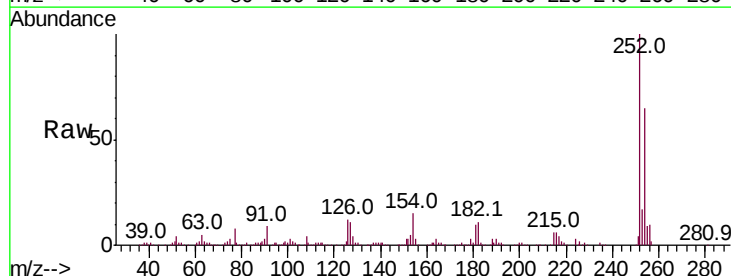
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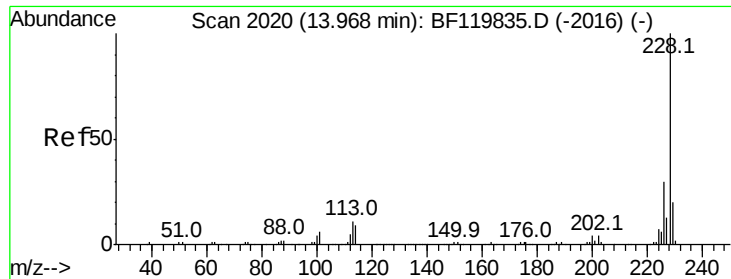
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#82
3,3'-Dichlorobenzidine
Concen: 24.477 ng
RT: 13.78 min Scan# 1988
Delta R.T. -0.00 min
Lab File: BF120163.D
Acq: 23 Apr 2020 15:09

Tgt Ion:252 Resp: 244961
Ion Ratio Lower Upper
252 100
254 65.4 51.2 76.8
126 11.8 9.6 14.4





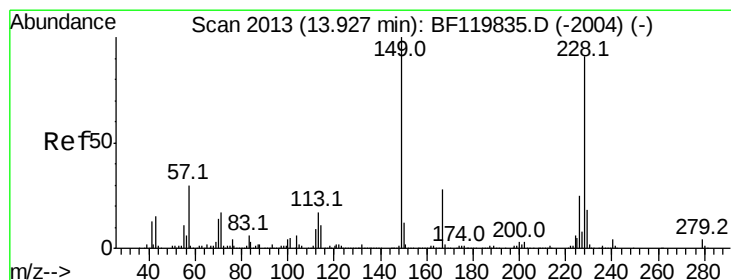
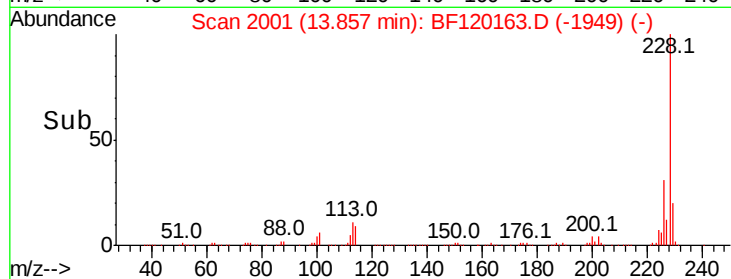
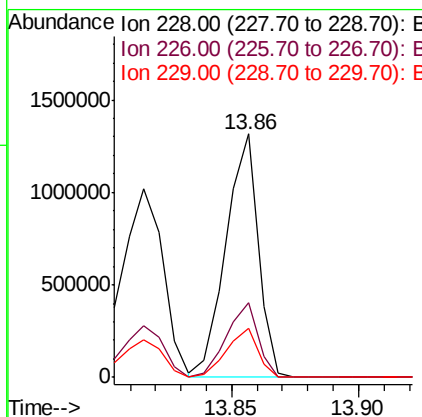
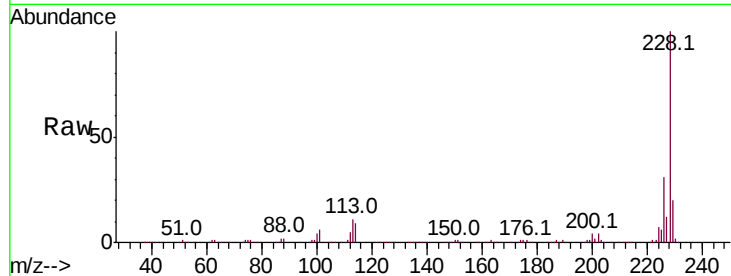
#83
Chrysene
Concen: 42.632 ng
RT: 13.86 min Scan# 2001
Delta R.T. 0.01 min
Lab File: BF120163.D
Acq: 23 Apr 2020 15:09

Instrument :
BNA_F
ClientSampleId :
PB128358BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.5	25.4	38.0
229	20.2	16.6	24.8

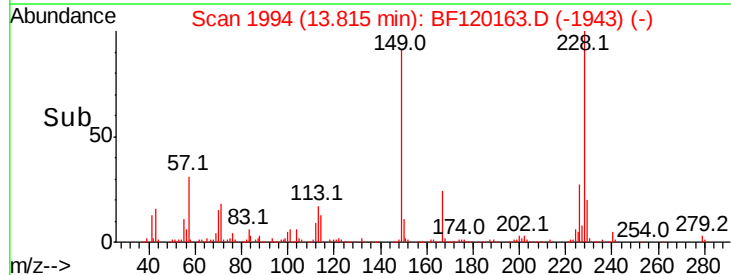
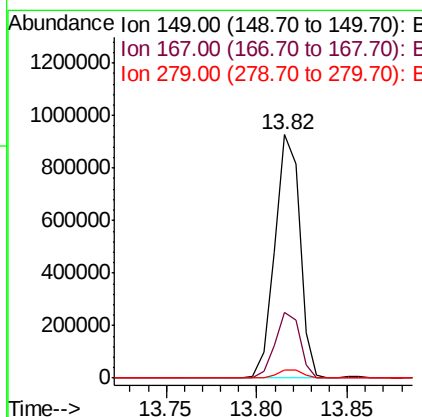
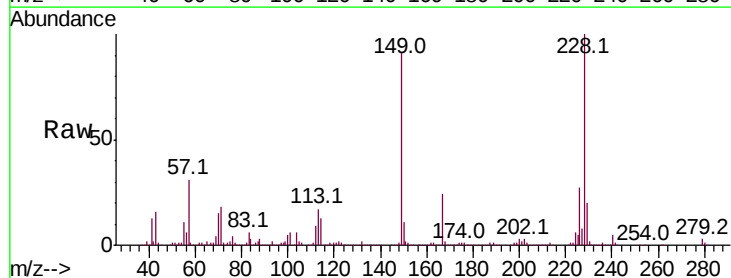
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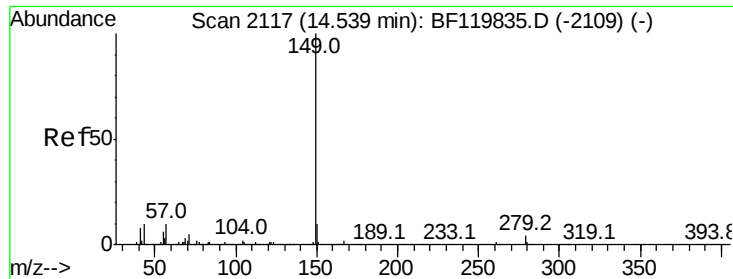
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#84
Bis(2-ethylhexyl)phthalate
Concen: 39.470 ng
RT: 13.82 min Scan# 1994
Delta R.T. -0.00 min
Lab File: BF120163.D
Acq: 23 Apr 2020 15:09

Tgt Ion	Ratio	Lower	Upper
149	100		
167	26.8	21.3	31.9
279	3.3	2.7	4.1





#85

Di-n-octyl phthalate

Concen: 40.676 ng

RT: 14.43 min Scan# 2098

Delta R.T. -0.00 min

Lab File: BF120163.D

Acq: 23 Apr 2020 15:09

Instrument :

BNA_F

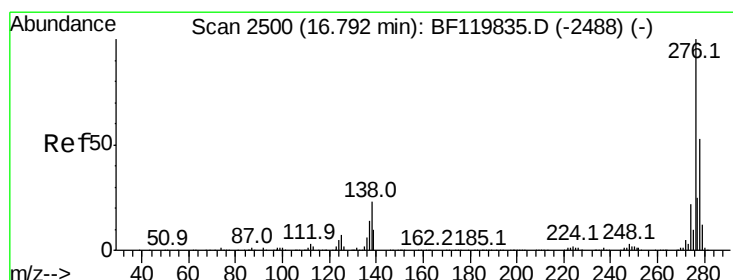
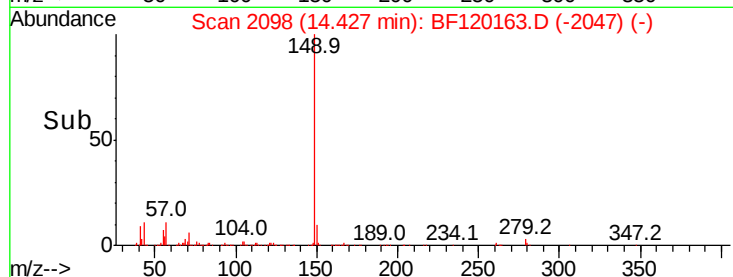
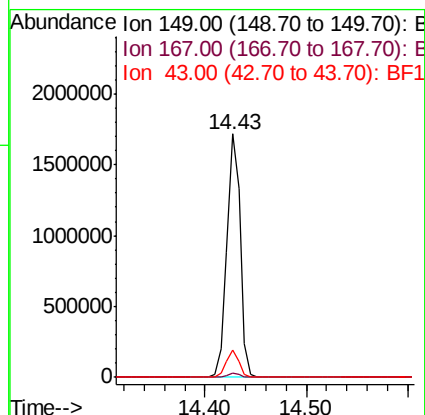
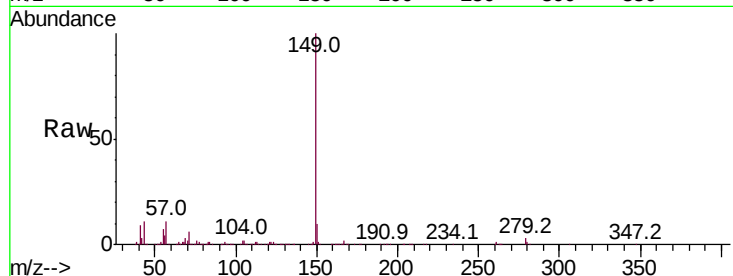
ClientSampleId :

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Tot Ion:	149	Resp:	1564194
Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	10.9	9.3	13.9

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#86

Indeno(1,2,3-cd)pyrene

Concen: 40.490 ng

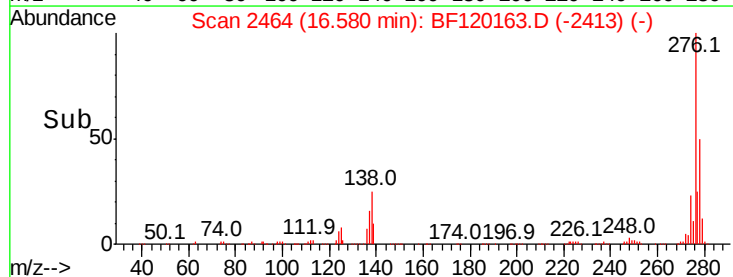
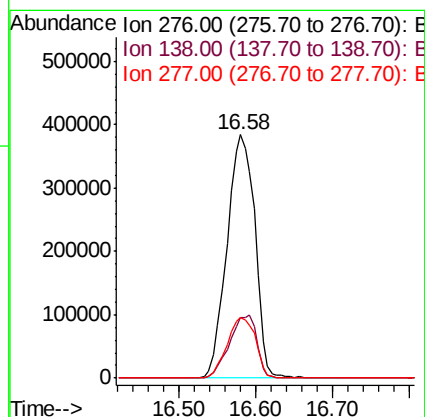
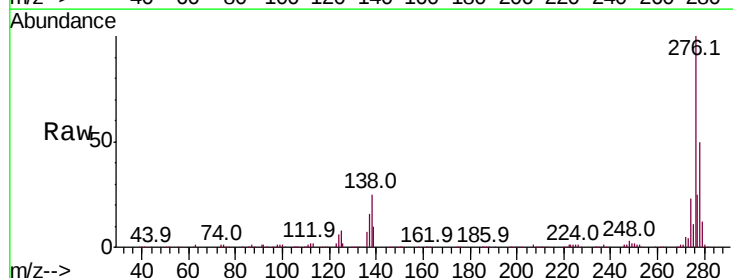
RT: 16.58 min Scan# 2464

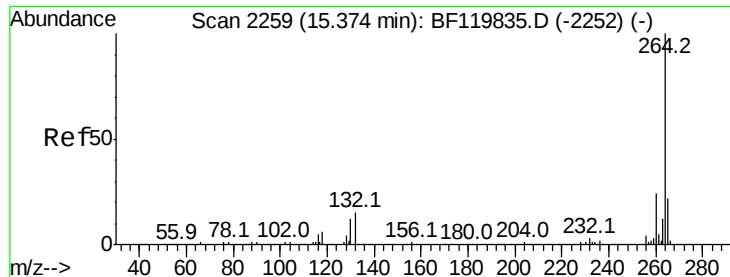
Delta R.T. -0.00 min

Lab File: BF120163.D

Acq: 23 Apr 2020 15:09

Tgt Ion:	276	Resp:	972719
Ion	Ratio	Lower	Upper
276	100		
138	25.4	19.6	29.4
277	25.3	20.0	30.0





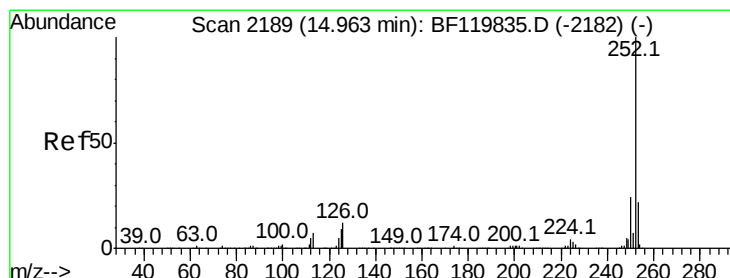
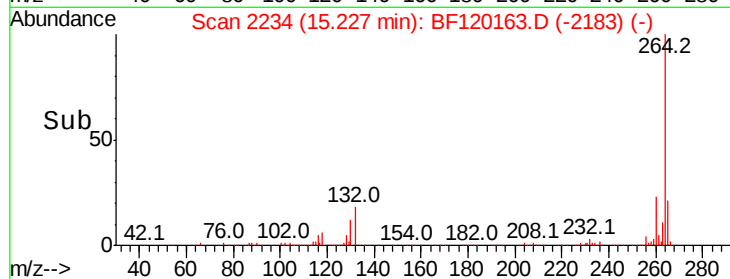
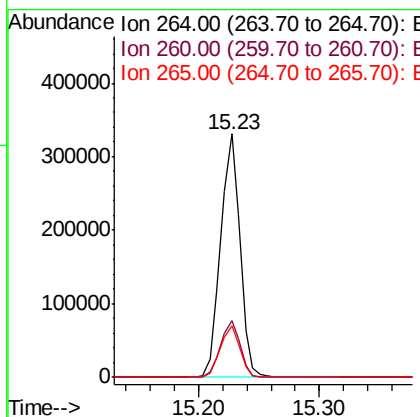
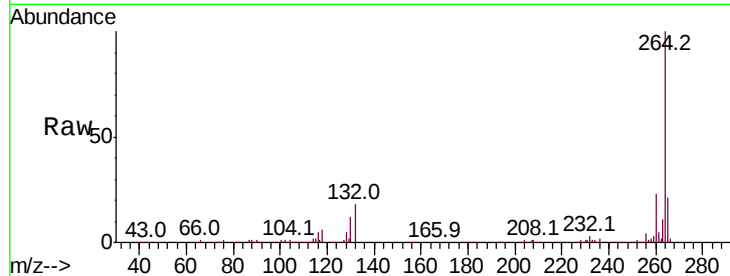
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.23 min Scan# 2234
Delta R.T. -0.00 min
Lab File: BF120163.D
Acq: 23 Apr 2020 15:09

Instrument :
BNA_F
ClientSampleId :
PB128358BS

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.7	28.1
265	21.1	17.7	26.5

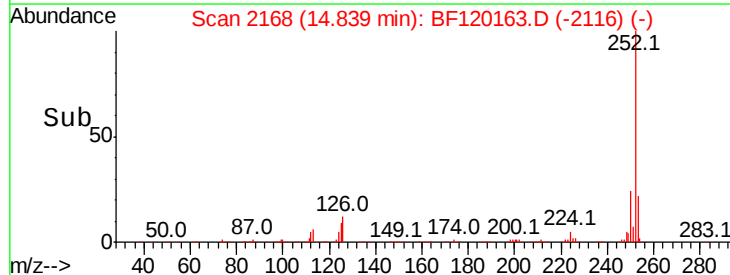
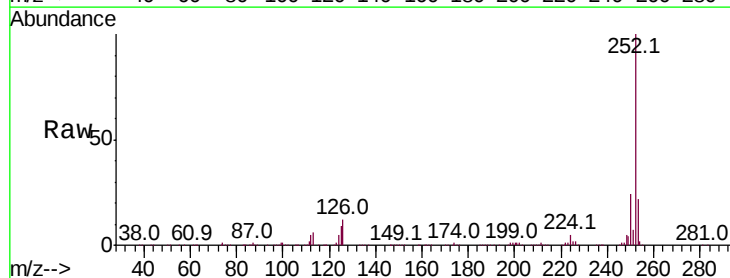
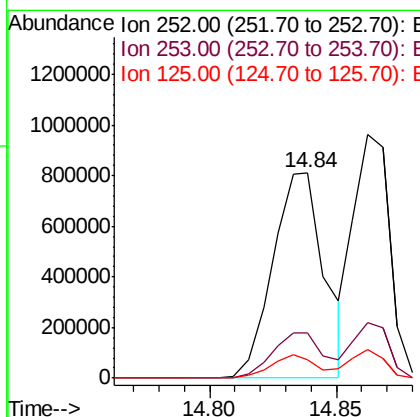
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#88
Benzo(b)fluoranthene
Concen: 43.746 ng
RT: 14.84 min Scan# 2168
Delta R.T. 0.01 min
Lab File: BF120163.D
Acq: 23 Apr 2020 15:09

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.4	26.0
125	9.2	7.9	11.9





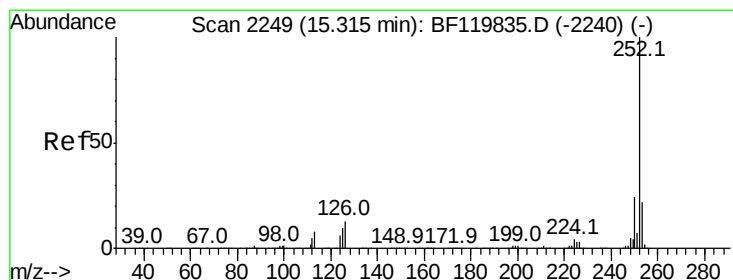
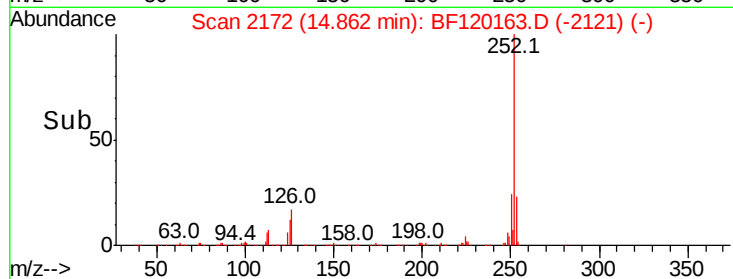
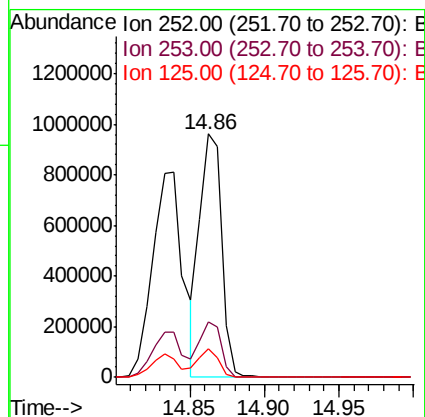
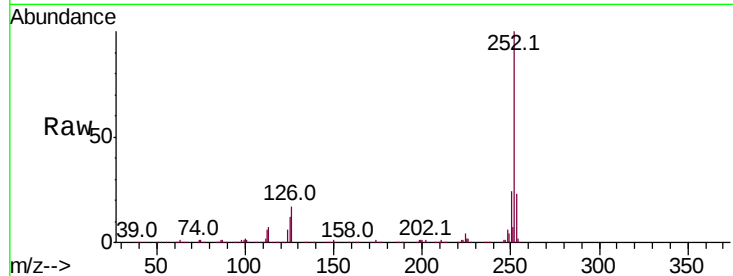
#89
Benzo(k)fluoranthene
Concen: 42.632 ng
RT: 14.86 min Scan# 2172
Delta R.T. -0.00 min
Lab File: BF120163.D
Acq: 23 Apr 2020 15:09

Instrument :
BNA_F
ClientSampleId :
PB128358BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.8	26.6
125	11.6	8.4	12.6

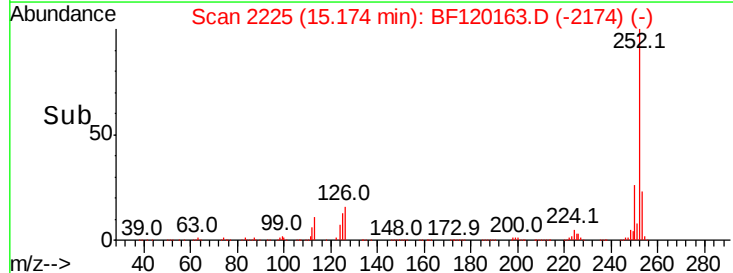
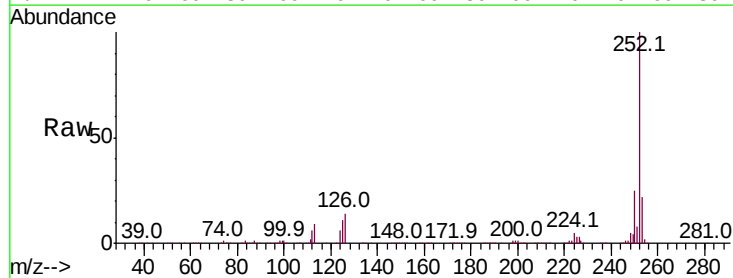
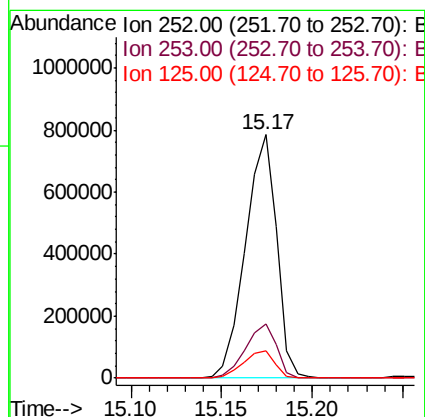
Manual Integrations
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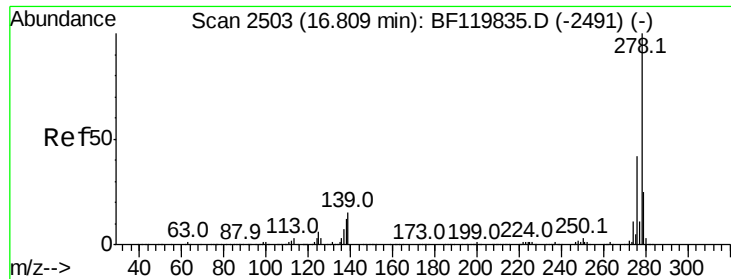
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#90
Benzo(a)pyrene
Concen: 42.543 ng
RT: 15.17 min Scan# 2225
Delta R.T. -0.00 min
Lab File: BF120163.D
Acq: 23 Apr 2020 15:09

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.2	27.2
125	11.4	9.4	14.2





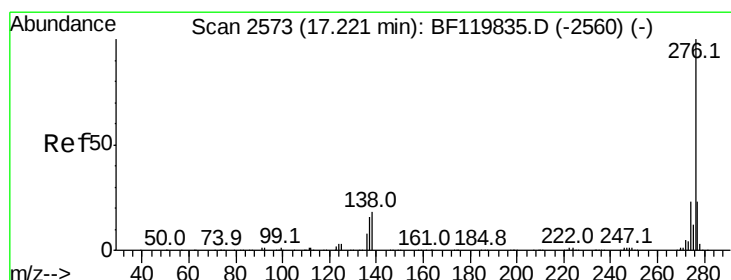
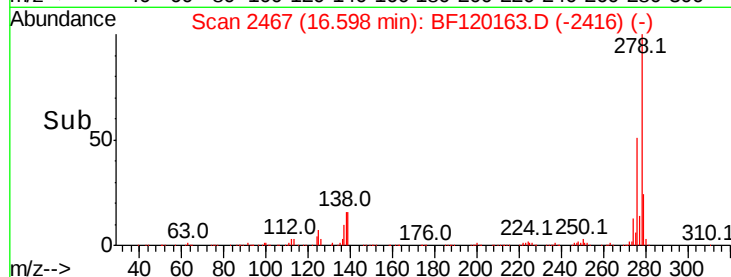
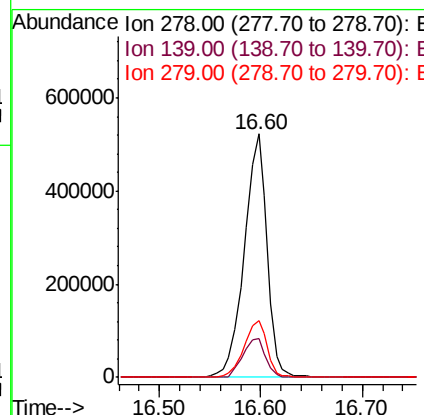
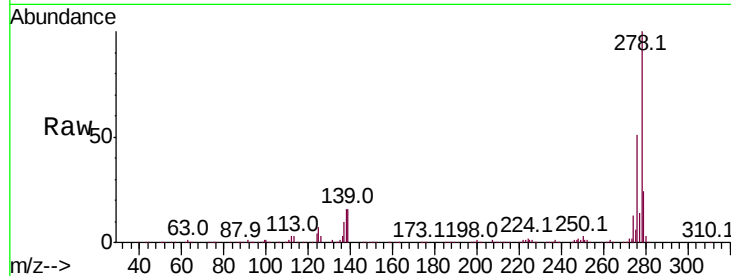
#91
Dibenzo(a,h)anthracene
Concen: 41.630 ng
RT: 16.60 min Scan# 2467
Delta R.T. -0.00 min
Lab File: BF120163.D
Acq: 23 Apr 2020 15:09

Instrument :
BNA_F
ClientSampleId :
PB128358BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	15.9	12.6	19.0
279	23.6	19.0	28.6

Manual Integrations
APPROVED

mohammad
4/24/2020 1:34:05 PM



#92
Benzo(g,h,i)perylene
Concen: 40.550 ng
RT: 16.99 min Scan# 2534
Delta R.T. 0.01 min
Lab File: BF120163.D
Acq: 23 Apr 2020 15:09

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.4	18.4	27.6
138	19.8	15.4	23.0

