

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040320\
 Data File : BF119724.D
 Acq On : 3 Apr 2020 17:29
 Operator : MA/SJ
 Sample : L2101-01MS
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 239-WC-S-SB-01MS

Manual Integrations
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Quant Time: Apr 03 18:21:23 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF031820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 01 11:59:45 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	211538	20.00	ng	-0.01
21) Naphthalene-d8	8.09	136	822934	20.00	ng	-0.01
39) Acenaphthene-d10	9.85	164	427151	20.00	ng	-0.01
64) Phenanthrene-d10	11.34	188	813773	20.00	ng	-0.01
76) Chrysene-d12	13.98	240	581892	20.00	ng	-0.02
87) Perylene-d12	15.43	264	532256	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.44	112	1846630	138.97	ng	0.02
7) Phenol-d6	6.45	99	2158316	127.15	ng	0.00
23) Nitrobenzene-d5	7.37	82	1563877	103.28	ng	0.00
42) 2,4,6-Tribromophenol	10.65	330	725536	164.64	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	2898731	100.54	ng	0.00
79) Terphenyl-d14	12.93	244	3261517	109.81	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.75	88	275799	42.023	ng	# 83
3) Pyridine	3.45	79	452210	25.011	ng	92
4) n-Nitrosodimethylamine	3.36	42	393124	44.586	ng	88
6) Aniline	6.47	93	236963	10.115	ng	96
8) 2-Chlorophenol	6.59	128	805951	57.747	ng	97
9) Benzaldehyde	6.35	77	211125	19.606	ng	99
10) Phenol	6.46	94	846371	46.728	ng	95
11) bis(2-Chloroethyl)ether	6.54	93	801208	55.308	ng	98
12) 1,3-Dichlorobenzene	6.75	146	797024	52.765	ng	99
13) 1,4-Dichlorobenzene	6.82	146	807017	53.413	ng	99
14) 1,2-Dichlorobenzene	6.97	146	744971	52.751	ng	99
15) Benzyl Alcohol	6.95	79	654995	51.296	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.08	45	1325173	45.352	ng	97
17) 2-Methylphenol	7.06	107	639586	50.017	ng	97
18) Hexachloroethane	7.32	117	303923	54.890	ng	99
19) n-Nitroso-di-n-propylamine	7.23	70	549394	53.696	ng	97
20) 3+4-Methylphenols	7.22	107	773774	49.375	ng	# 83
22) Acetophenone	7.22	105	1060737	53.944	ng	# 89
24) Nitrobenzene	7.39	77	834871	51.592	ng	96
25) Isophorone	7.63	82	1561146	50.825	ng	99
26) 2-Nitrophenol	7.70	139	442616	69.468	ng	94
27) 2,4-Dimethylphenol	7.75	122	718496	54.536	ng	98
28) bis(2-Chloroethoxy)methane	7.84	93	970863	53.452	ng	100
29) 2,4-Dichlorophenol	7.95	162	674558	55.724	ng	98
30) 1,2,4-Trichlorobenzene	8.03	180	706307	52.759	ng	98
31) Naphthalene	8.12	128	2306504	54.464	ng	99
32) Benzoic acid	7.88	122	546557m	64.493	ng	
33) 4-Chloroaniline	8.16	127	95826	4.938	ng	97
34) Hexachlorobutadiene	8.23	225	394225	52.631	ng	98
35) Caprolactam	8.54	113	173669m	43.836	ng	
36) 4-Chloro-3-methylphenol	8.65	107	723041	54.649	ng	99
37) 2-Methylnaphthalene	8.80	142	1542671	55.505	ng	99
38) 1-Methylnaphthalene	8.90	142	1457026	55.386	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.97	216	648155	51.769	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.96	237	760387	106.828	nq	99
43) 2,4,6-Trichlorophenol	9.09	196	549245	61.302	nq	100
44) 2,4,5-Trichlorophenol	9.13	196	476872	47.512	nq	98
46) 1,1'-Biphenyl	9.27	154	1813719	52.134	nq	99
47) 2-Chloronaphthalene	9.30	162	1429696	52.464	nq	98
48) 2-Nitroaniline	9.39	65	509869	54.207	nq	97
49) Acenaphthylene	9.72	152	2232847	52.177	nq	99
50) Dimethylphthalate	9.58	163	1448494	47.741	nq	100
51) 2,6-Dinitrotoluene	9.64	165	390998	60.123	nq	94
52) Acenaphthene	9.89	154	1587058m	59.489	nq	
53) 3-Nitroaniline	9.80	138	111286	13.554	nq	100
54) 2,4-Dinitrophenol	9.92	184	458211	155.301	nq	98
55) Dibenzofuran	10.06	168	2027601	53.010	nq	100
56) 4-Nitrophenol	9.97	139	608444	93.940	nq	95
57) 2,4-Dinitrotoluene	10.05	165	519031	63.355	nq	90
58) Fluorene	10.40	166	1542085	54.519	nq	100
59) 2,3,4,6-Tetrachlorophenol	10.17	232	413889	55.167	nq	98
60) Diethylphthalate	10.28	149	1700028	55.206	nq	98
61) 4-Chlorophenyl-phenylether	10.39	204	731456	52.882	nq	98
62) 4-Nitroaniline	10.43	138	368737	46.834	nq	91
63) Azobenzene	10.55	77	1599721	51.587	nq	98
65) 4,6-Dinitro-2-methylphenol	10.45	198	293772	86.090	nq	93
66) n-Nitrosodiphenylamine	10.52	169	1363578	51.042	nq	99
67) 4-Bromophenyl-phenylether	10.89	248	488802	52.742	nq	92
68) Hexachlorobenzene	10.95	284	529621	55.835	nq	93
69) Atrazine	11.04	200	327513	44.718	nq	99
70) Pentachlorophenol	11.15	266	608714	109.445	nq	98
71) Phenanthrene	11.36	178	2303104	54.581	nq	100
72) Anthracene	11.42	178	2303095	53.703	nq	99
73) Carbazole	11.57	167	2110101	49.710	nq	99
74) Di-n-butylphthalate	11.90	149	2599652	57.250	nq	99
75) Fluoranthene	12.55	202	2471738	54.126	nq	99
77) Benzidine	12.67	184	58869	2.391	nq	99
78) Pyrene	12.78	202	2499610	52.342	nq	99
80) Butylbenzylphthalate	13.40	149	1106467	57.286	nq	98
81) Benzo(a)anthracene	13.97	228	1951280	51.567	nq	98
82) 3,3'-Dichlorobenzidine	13.93	252	199091	13.344	nq	# 99
83) Chrysene	14.01	228	2034301	52.092	nq	100
84) Bis(2-ethylhexyl)phthalate	13.96	149	1411117	61.286	nq	98
85) Di-n-octyl phthalate	14.57	149	2548333	62.931	nq	98
86) Indeno(1,2,3-cd)pyrene	16.88	276	1965802	53.449	nq	99
88) Benzo(b)fluoranthene	15.02	252	2085271	58.650	nq	99
89) Benzo(k)fluoranthene	15.04	252	1836952	54.259	nq	99
90) Benzo(a)pyrene	15.37	252	1753059	54.255	nq	99
91) Dibenzo(a,h)anthracene	16.90	278	1616000	57.180	nq	100
92) Benzo(g,h,i)perylene	17.32	276	1610505	56.723	nq	97

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

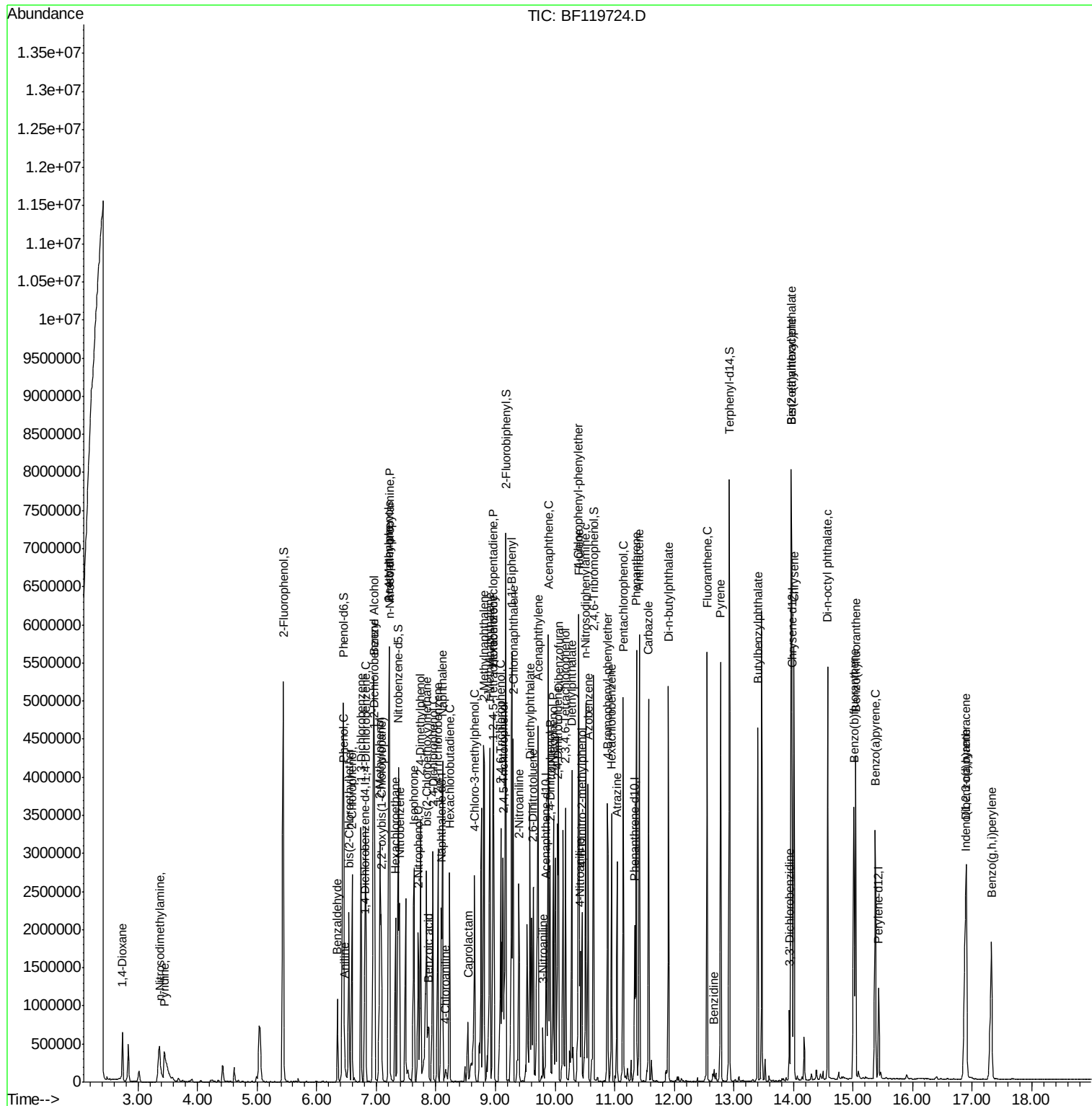
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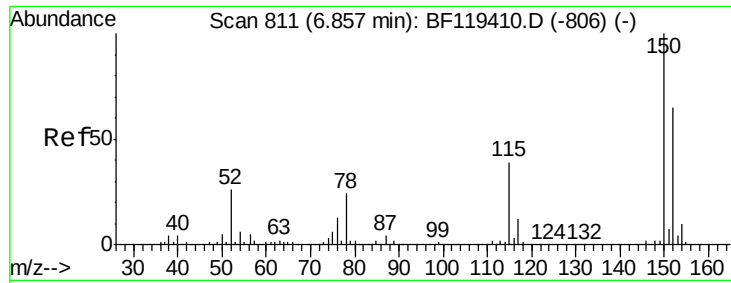
Instrument :
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#1

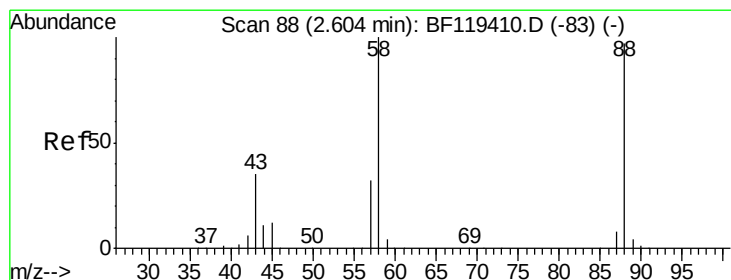
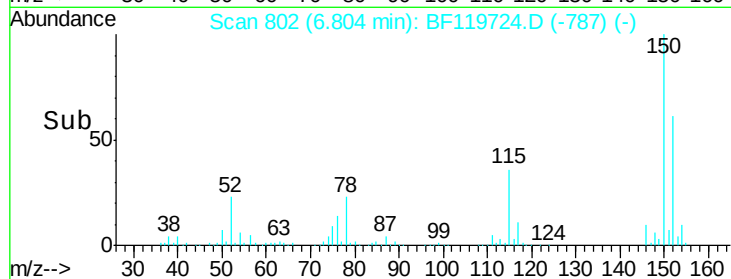
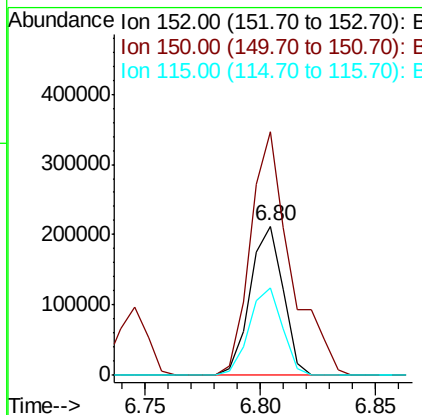
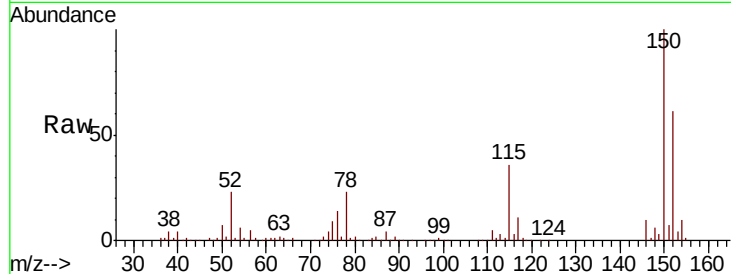
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.01 min
Lab File: BF119724.D
Acq: 3 Apr 2020 17:29

Instrument :
BNA_F
ClientSampleId :
239-WC-S-SB-01MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	163.1	124.5	186.7
115	58.2	49.6	74.4

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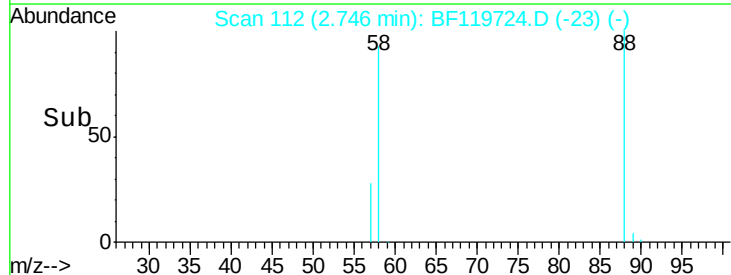
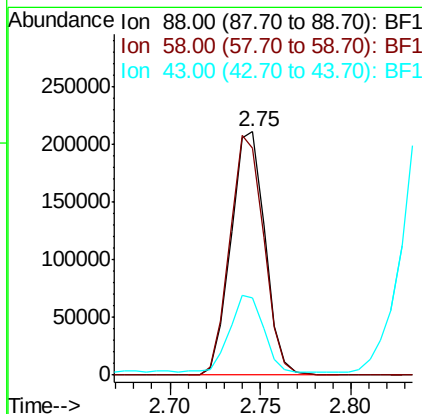
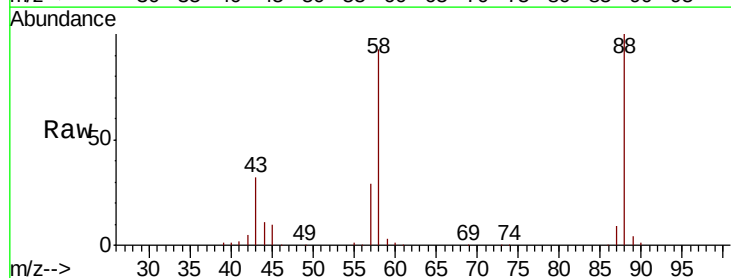
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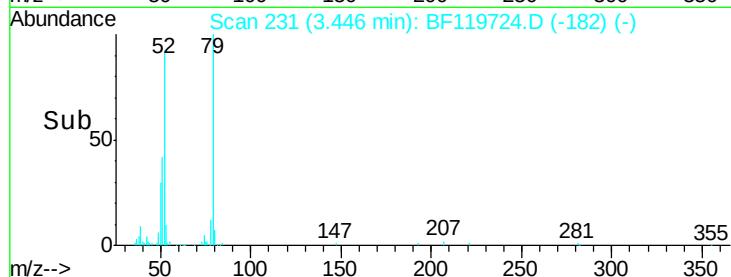
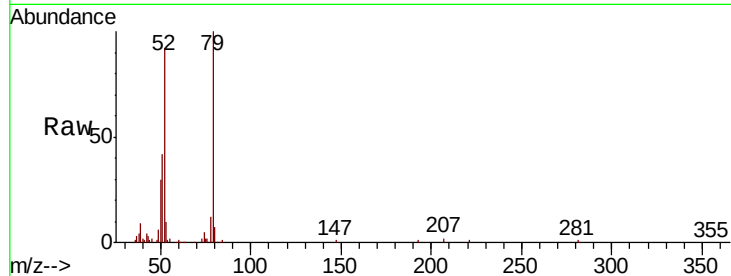
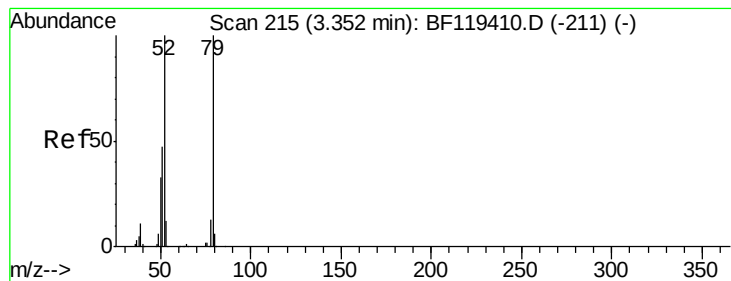


#2

1,4-Dioxane
Concen: 42.023 ng
RT: 2.75 min Scan# 112
Delta R.T. 0.22 min
Lab File: BF119724.D
Acq: 3 Apr 2020 17:29

Tgt Ion	Ratio	Lower	Upper
88	100		
58	97.8	80.6	121.0
43	0.0	27.5	41.3





#3

Pvridine

Concen: 25.011 ng

RT: 3.45 min Scan# 231

Delta R.T. 0.19 min

Lab File: BF119724.D

Acq: 3 Apr 2020 17:29

Tot Ion:	79	Resp:	452210
Ion Ratio	Lower	Upper	
79	100		
52	92.1	80.2	120.2
51	41.9	37.7	56.5

Instrument :

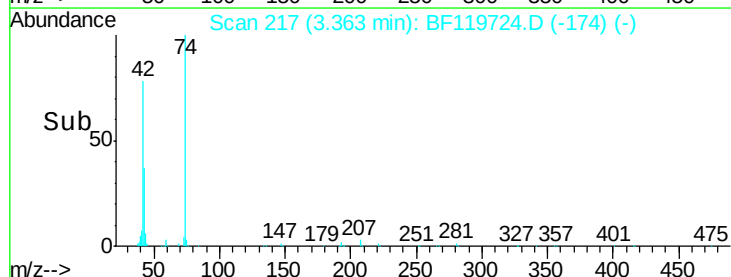
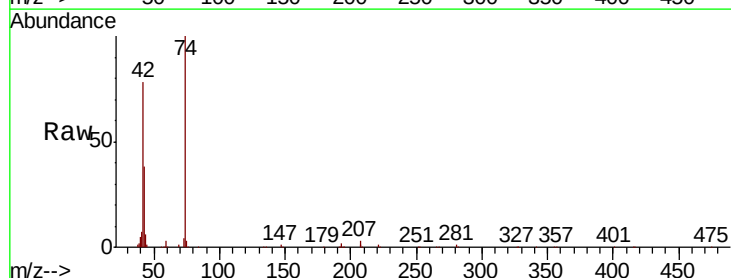
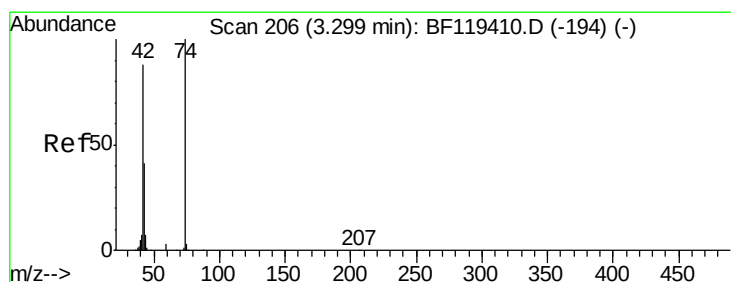
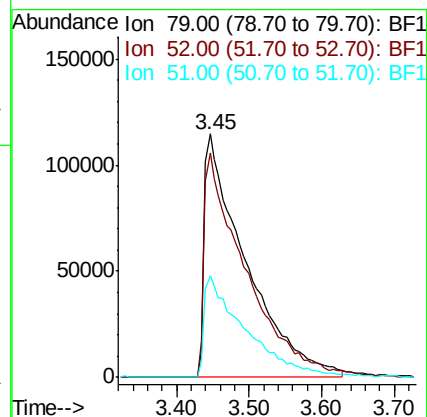
BNA_F

ClientSampleId :

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#4

n-Nitrosodimethylamine

Concen: 44.586 ng

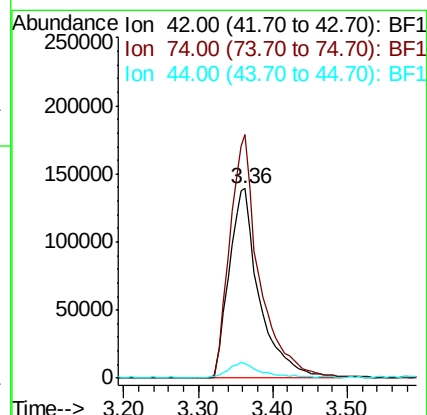
RT: 3.36 min Scan# 217

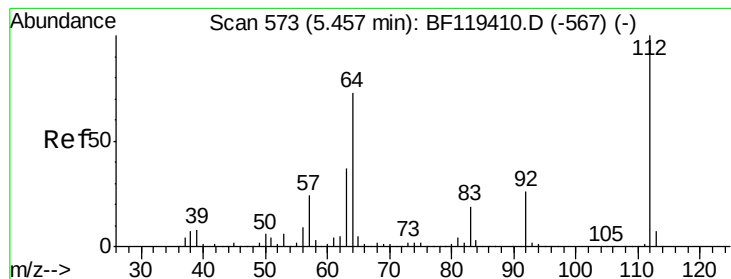
Delta R.T. 0.15 min

Lab File: BF119724.D

Acq: 3 Apr 2020 17:29

Tgt Ion:	42	Resp:	393124
Ion Ratio	Lower	Upper	
42	100		
74	128.4	91.5	137.3
44	7.7	6.2	9.4





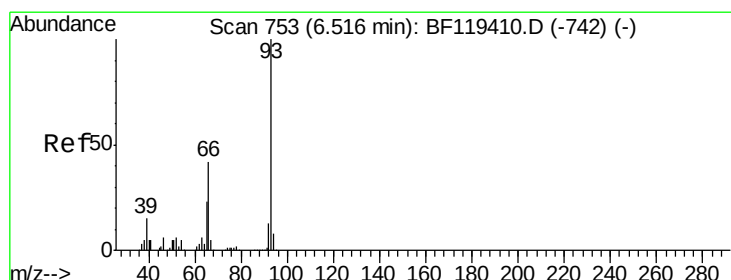
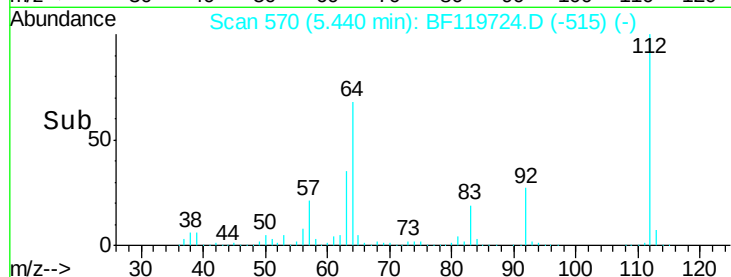
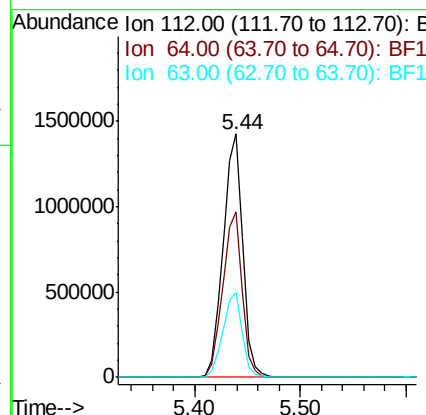
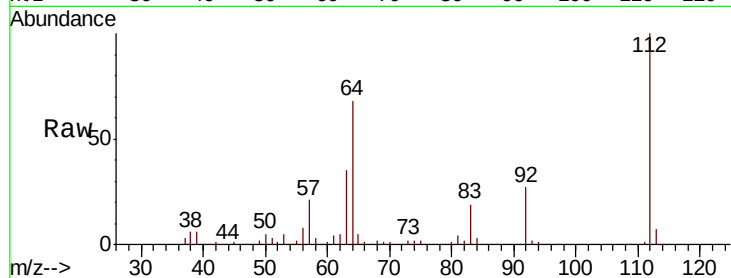
#5
 2-Fluorophenol
 Concen: 138.966 ng
 RT: 5.44 min Scan# 570
 Delta R.T. 0.02 min
 Lab File: BF119724.D
 Acq: 3 Apr 2020 17:29

Instrument :
 BNA_F
 ClientSampleId :
 239-WC-S-SB-01MS

Tot Ion	Ratio	Lower	Upper
112	100		
64	68.2	56.7	85.1
63	34.7	29.5	44.3

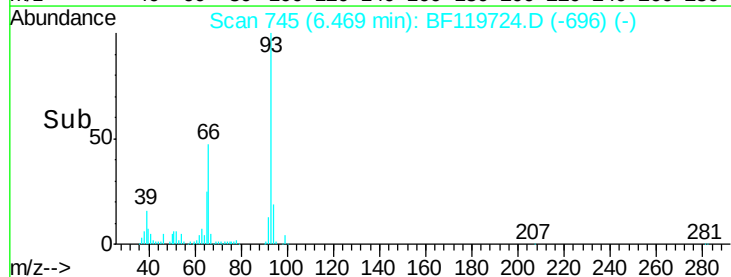
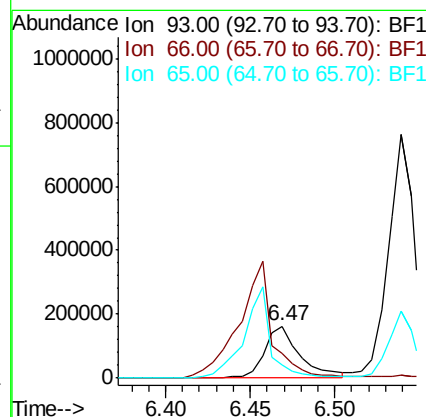
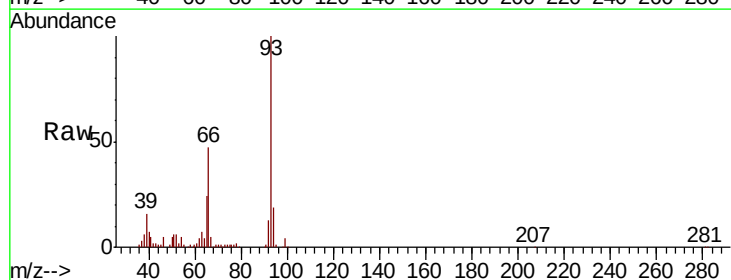
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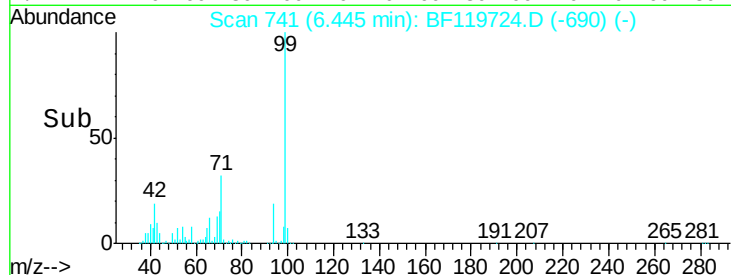
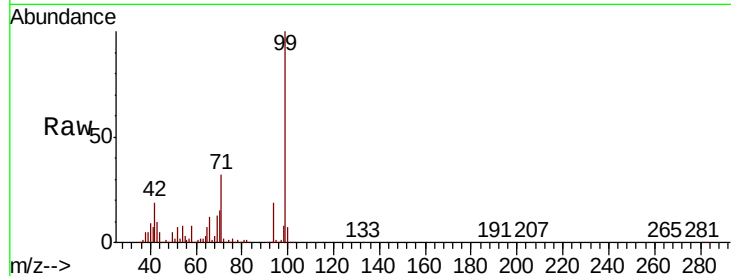
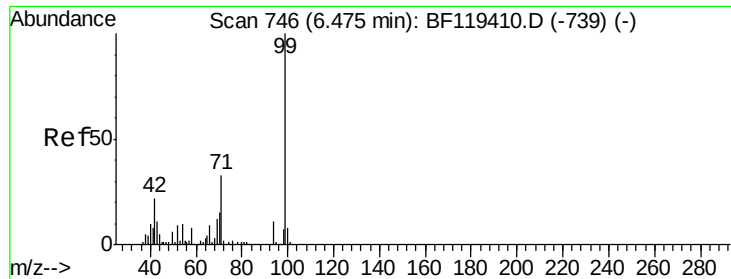
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#6
 Aniline
 Concen: 10.115 ng
 RT: 6.47 min Scan# 745
 Delta R.T. -0.01 min
 Lab File: BF119724.D
 Acq: 3 Apr 2020 17:29

Tgt Ion	Ratio	Lower	Upper
93	100		
66	46.7	34.9	52.3
65	24.5	18.6	27.8





#7

Phenol-d6

Concen: 127.147 ng

RT: 6.45 min Scan# 741

Delta R.T. 0.00 min

Lab File: BF119724.D

Acq: 3 Apr 2020 17:29

Tot Ion: 99 Resp: 2158316

Ion Ratio Lower Upper

99 100

42 19.2 16.6 24.8

71 32.1 26.4 39.6

Instrument :

BNA_F

ClientSampleId :

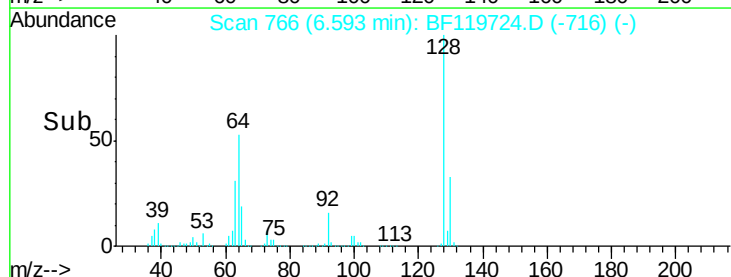
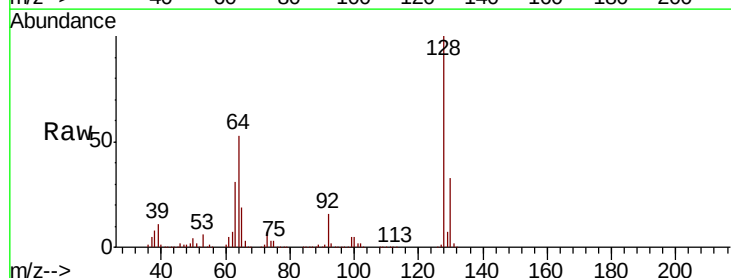
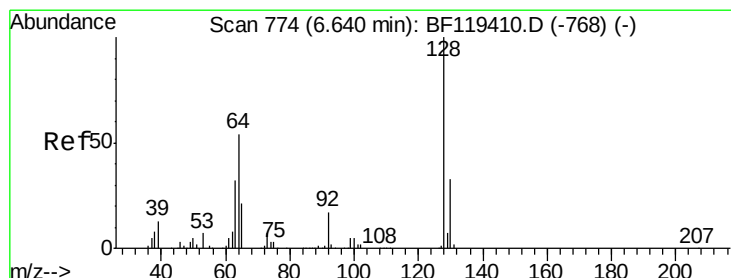
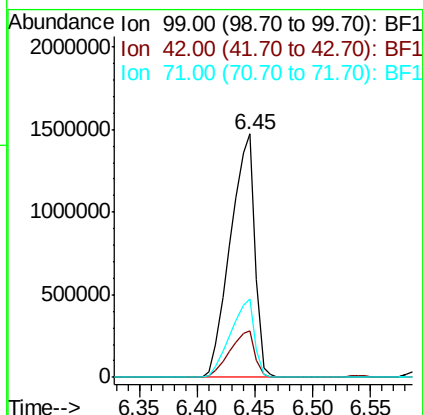
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#8

2-Chlorophenol

Concen: 57.747 ng

RT: 6.59 min Scan# 766

Delta R.T. -0.01 min

Lab File: BF119724.D

Acq: 3 Apr 2020 17:29

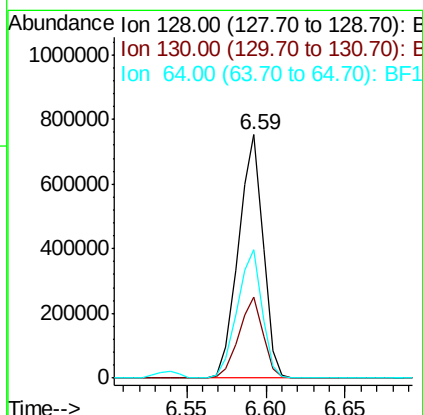
Tgt Ion: 128 Resp: 805951

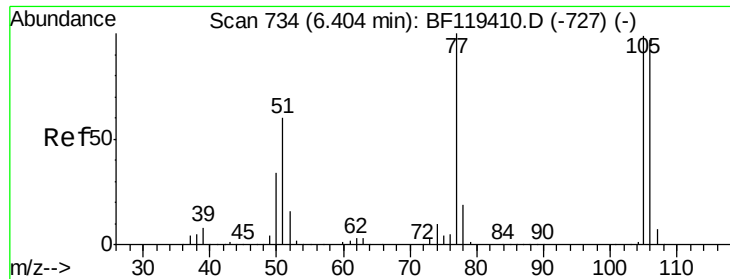
Ion Ratio Lower Upper

128 100

130 33.4 12.6 52.6

64 52.8 35.3 75.3





#9

Benzaldehyde

Concen: 19.606 ng

RT: 6.35 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF119724.D

Acq: 3 Apr 2020 17:29

Instrument :

BNA_F

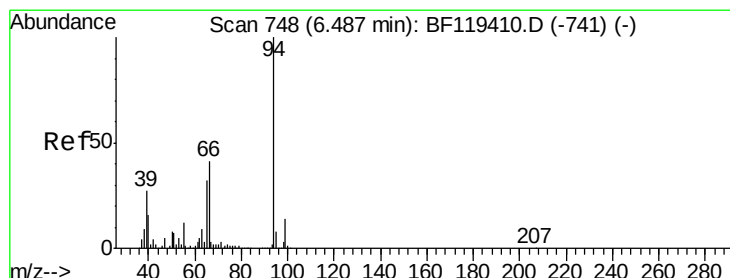
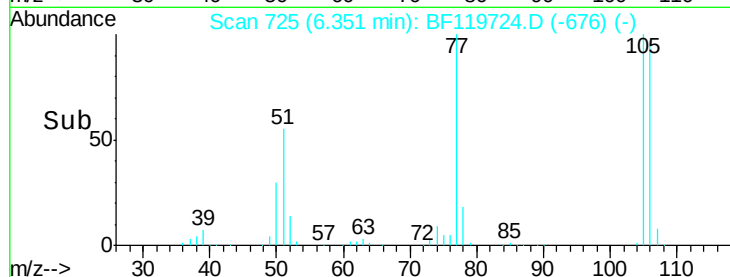
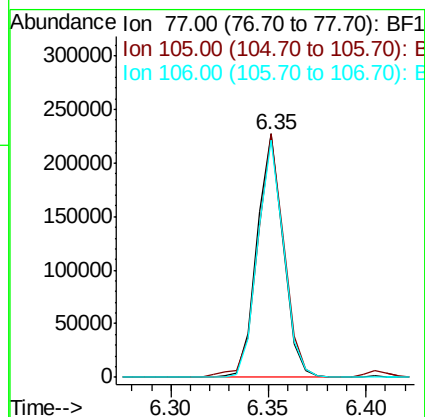
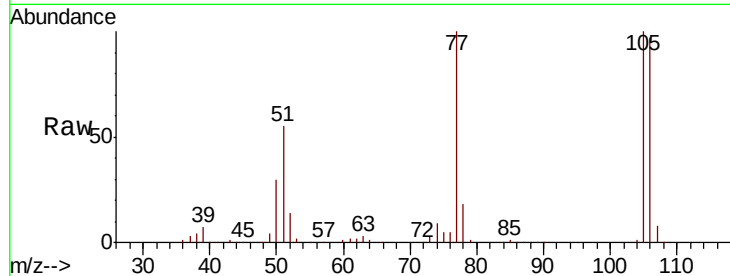
ClientSampleId :

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Tot Ion:	77	Resp:	211125
Ion	Ratio	Lower	Upper
77	100		
105	100.1	80.9	120.9
106	97.5	77.9	117.9

Manual Integrations
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#10

Phenol

Concen: 46.728 ng

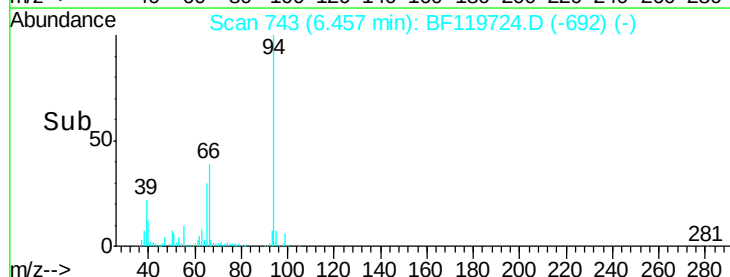
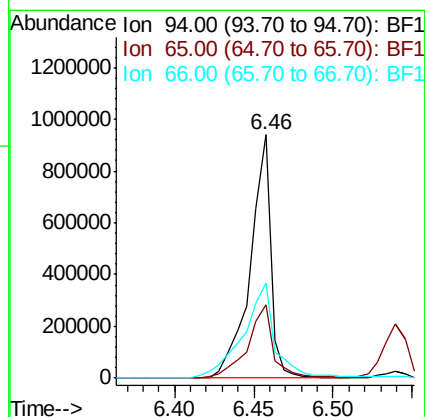
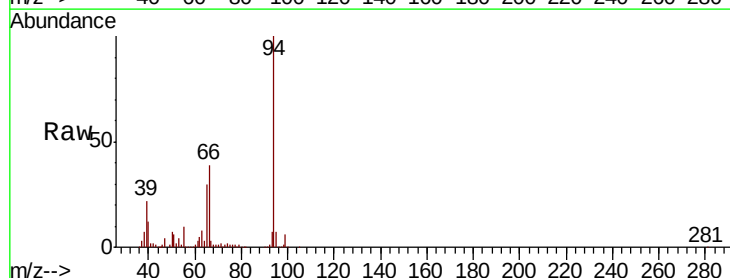
RT: 6.46 min Scan# 743

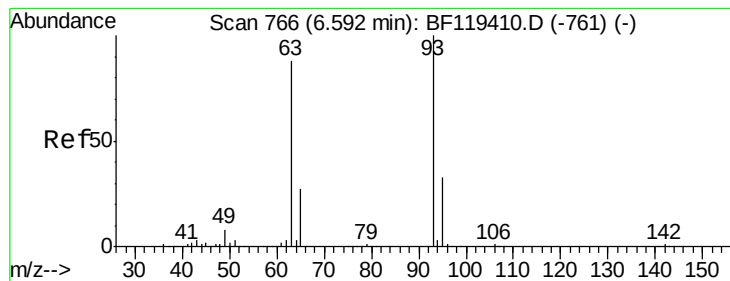
Delta R.T. 0.00 min

Lab File: BF119724.D

Acq: 3 Apr 2020 17:29

Tgt Ion:	94	Resp:	846371
Ion	Ratio	Lower	Upper
94	100		
65	30.2	13.2	53.2
66	38.9	22.3	62.3





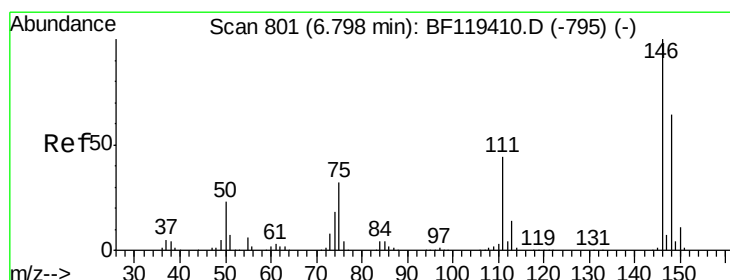
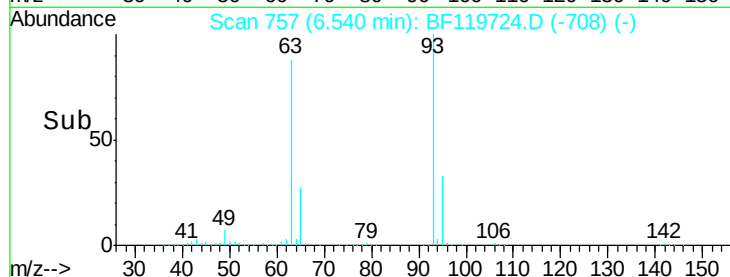
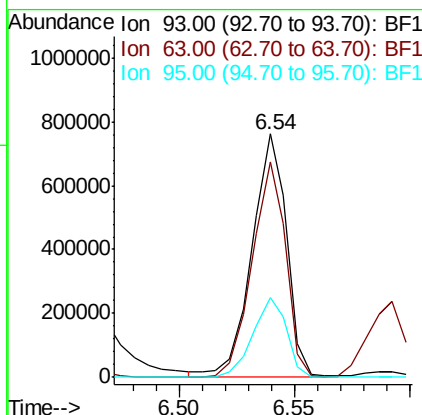
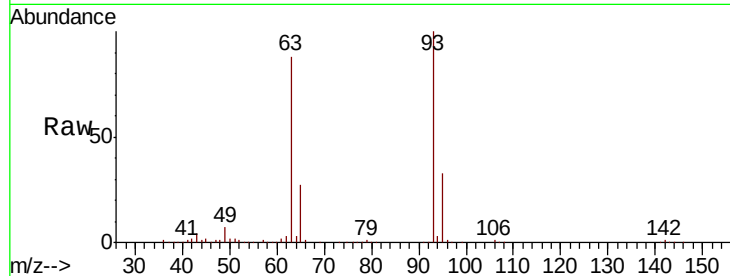
#11
bis(2-Chloroethyl)ether
Concen: 55.308 ng
RT: 6.54 min Scan# 757
Delta R.T. -0.01 min
Lab File: BF119724.D
Acq: 3 Apr 2020 17:29

Instrument :
BNA_F
ClientSampleId :
239-WC-S-SB-01MS

Tot Ion	Ratio	Lower	Upper
93	100		
63	88.5	70.2	110.2
95	32.6	13.4	53.4

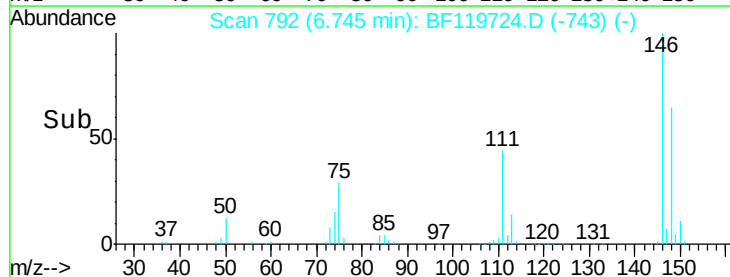
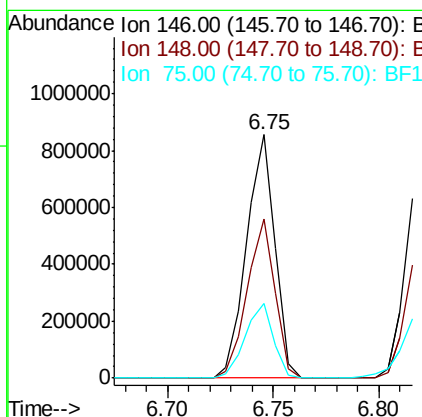
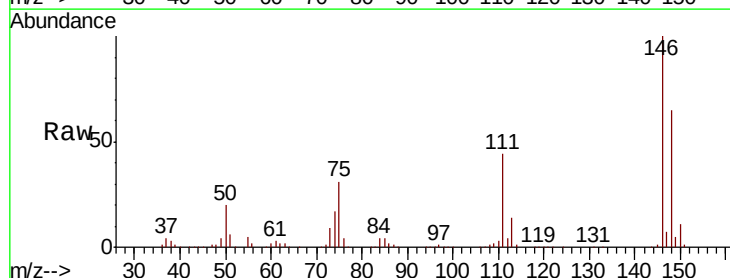
Manual Integrations
APPROVED

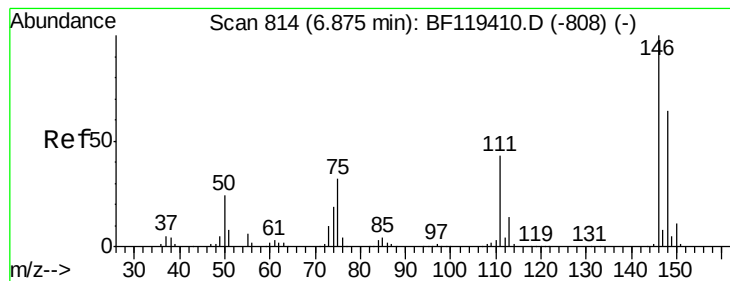
mohammad
4/6/2020 1:38:48 PM



#12
1,3-Dichlorobenzene
Concen: 52.765 ng
RT: 6.75 min Scan# 792
Delta R.T. -0.01 min
Lab File: BF119724.D
Acq: 3 Apr 2020 17:29

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.1	52.2	78.4
75	30.5	23.0	34.4





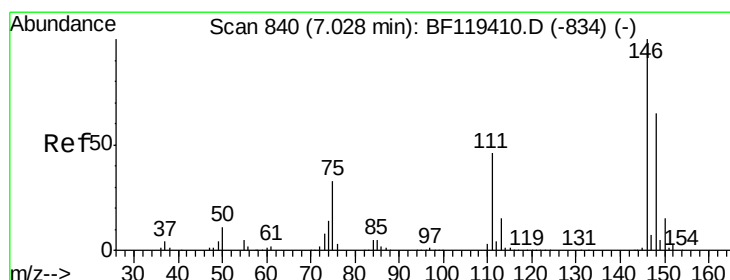
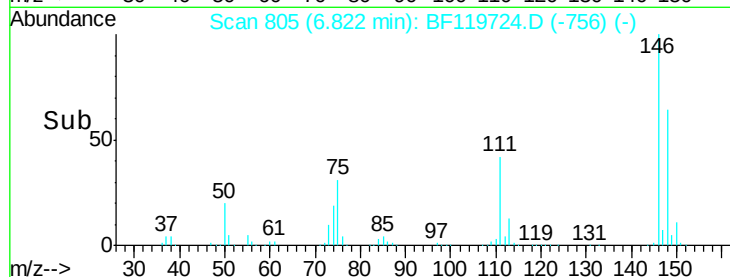
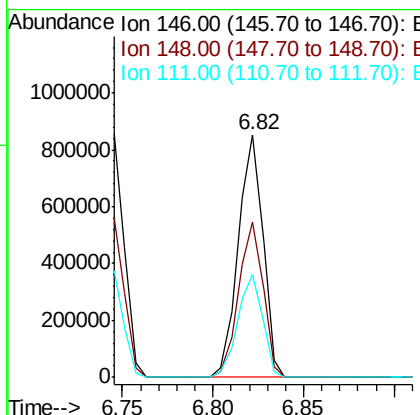
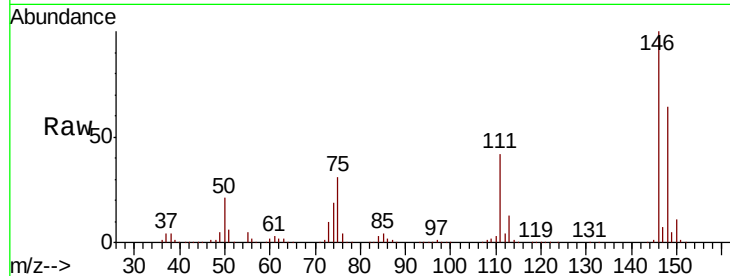
#13
 1,4-Dichlorobenzene
 Concen: 53.413 ng
 RT: 6.82 min Scan# 805
 Delta R.T. -0.01 min
 Lab File: BF119724.D
 Acq: 3 Apr 2020 17:29

Instrument :
 BNA_F
 ClientSampleId :
 239-WC-S-SB-01MS

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.7	51.5	77.3
111	42.4	33.3	49.9

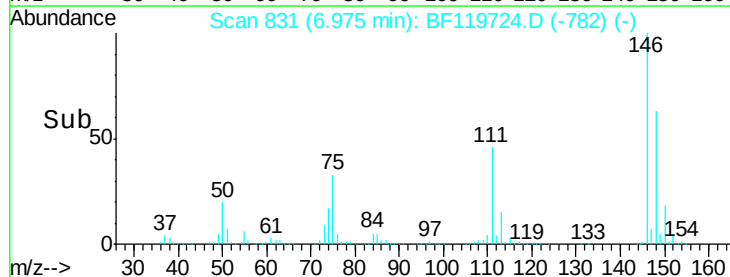
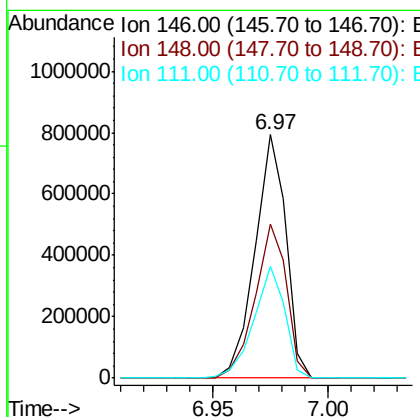
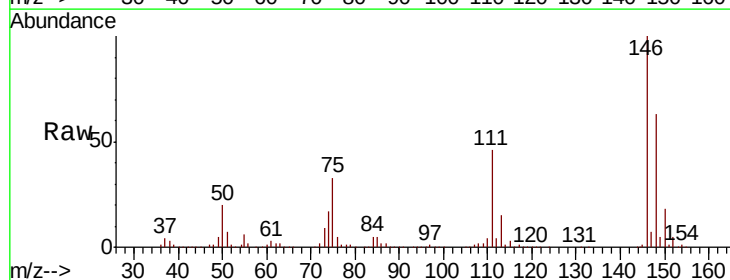
Manual Integrations
 APPROVED

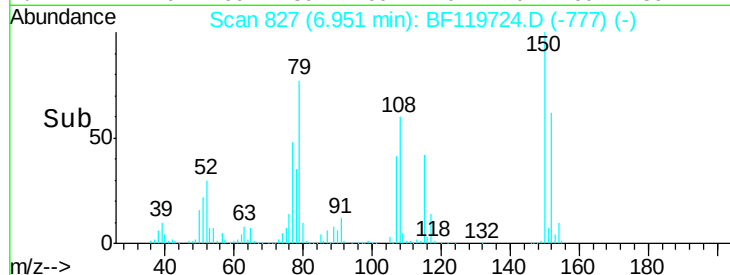
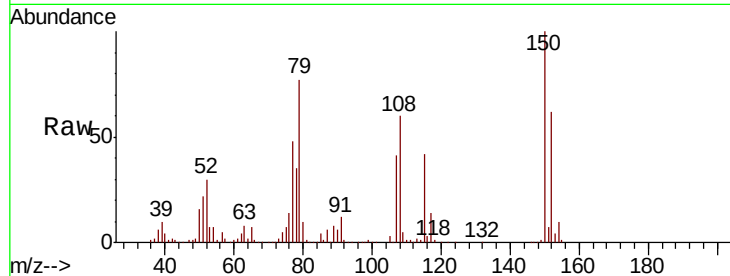
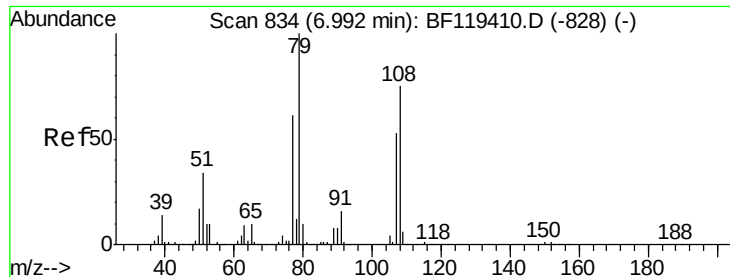
mohammad
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#14
 1,2-Dichlorobenzene
 Concen: 52.751 ng
 RT: 6.97 min Scan# 831
 Delta R.T. -0.01 min
 Lab File: BF119724.D
 Acq: 3 Apr 2020 17:29

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.4	50.6	75.8
111	45.9	36.1	54.1





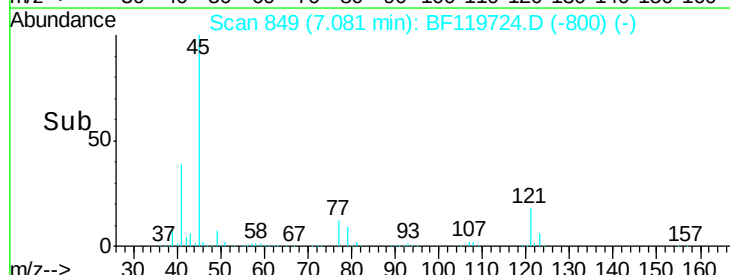
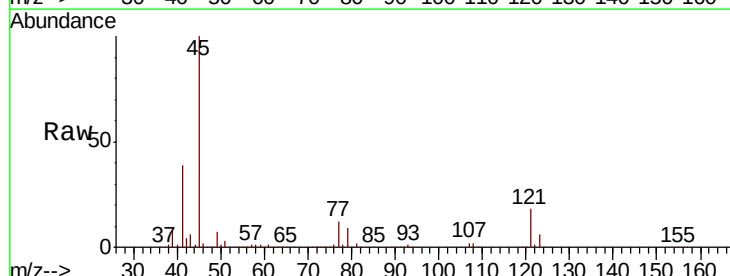
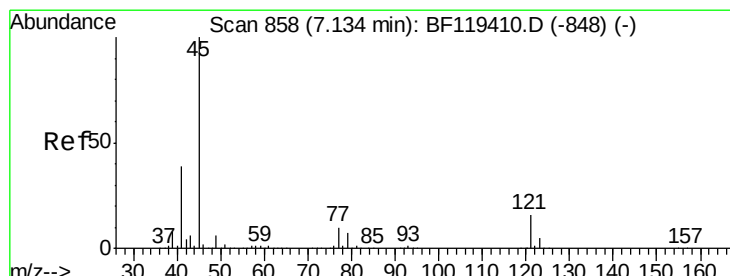
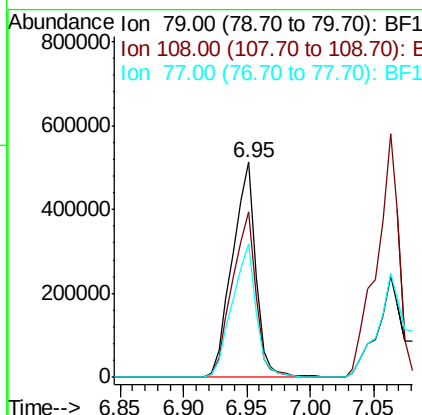
#15
Benzyl Alcohol
Concen: 51.296 ng
RT: 6.95 min Scan# 827
Delta R.T. -0.01 min
Lab File: BF119724.D
Acq: 3 Apr 2020 17:29

Tot Ion	Ratio	Resp	Lower	Upper
79	100	654995		
108	77.3	60.6	90.8	
77	62.3	50.2	75.2	

Instrument :
BNA_F
ClientSampleId :
239-WC-S-SB-01MS

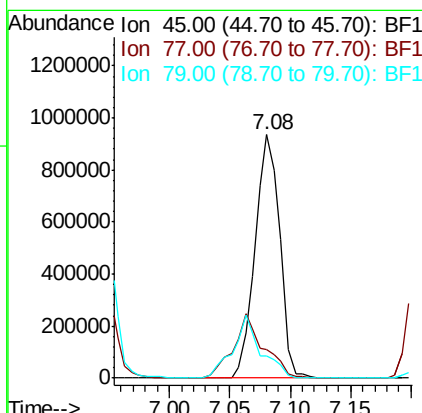
Manual Integrations
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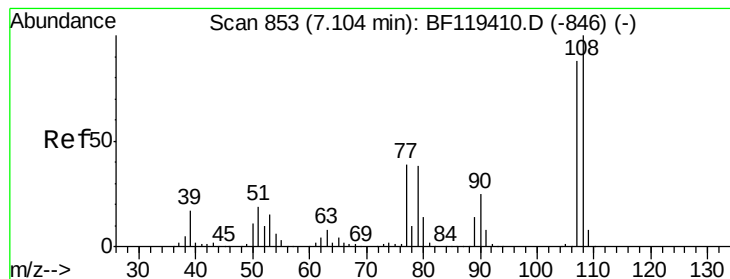
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 45.352 ng
RT: 7.08 min Scan# 849
Delta R.T. -0.01 min
Lab File: BF119724.D
Acq: 3 Apr 2020 17:29

Tgt Ion	Ratio	Resp	Lower	Upper
45	100	1325173		
77	11.9	0.0	30.7	
79	9.1	0.0	28.2	





#17

2-Methylphenol

Concen: 50.017 ng

RT: 7.06 min Scan# 846

Delta R.T. -0.01 min

Lab File: BF119724.D

Acq: 3 Apr 2020 17:29

Instrument :

BNA_F

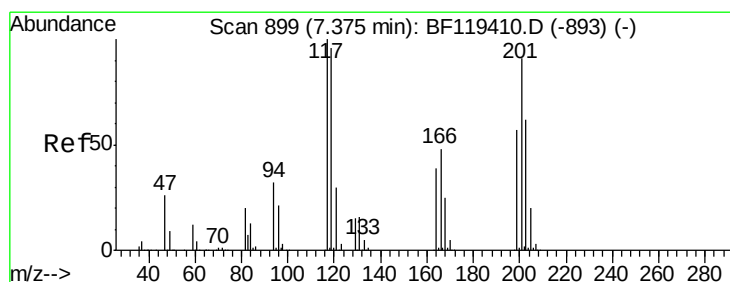
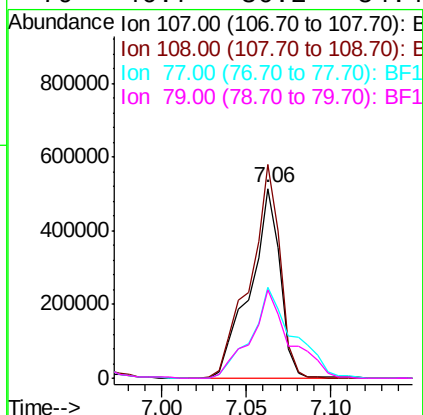
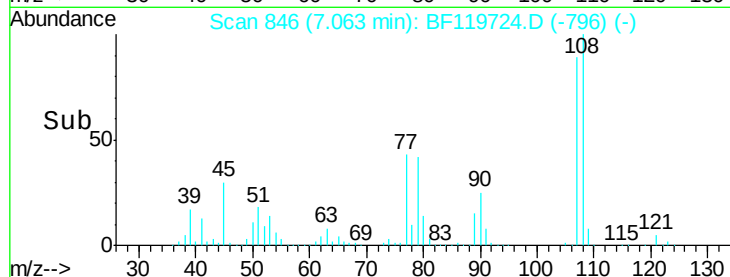
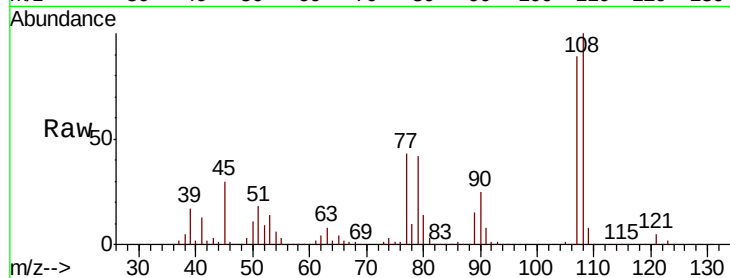
ClientSampleId :

239-WC-S-SB-01MS

Tot Ion	Ratio	Lower	Upper
107	100		
108	112.6	92.2	138.4
77	48.0	36.6	54.8
79	46.7	36.2	54.4

Manual Integrations
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#18

Hexachloroethane

Concen: 54.890 ng

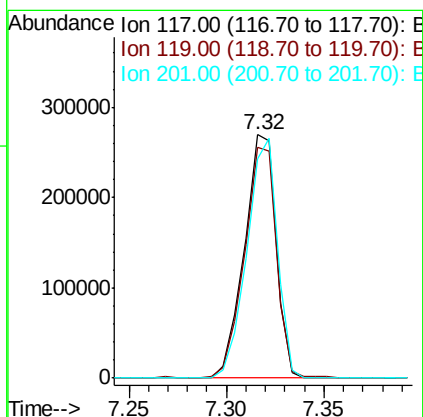
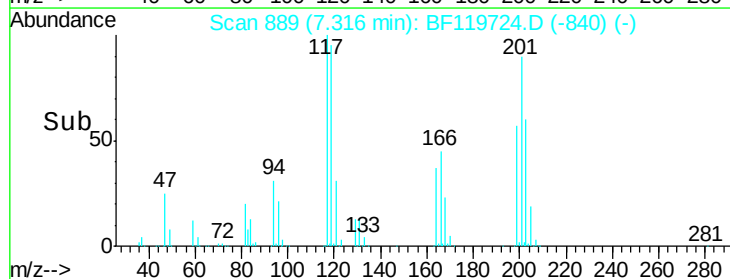
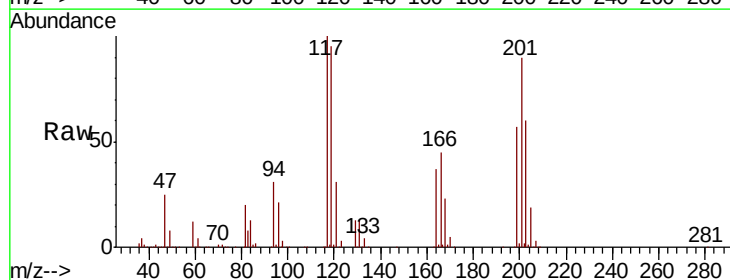
RT: 7.32 min Scan# 889

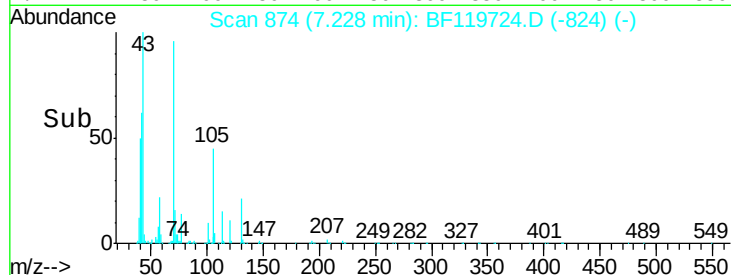
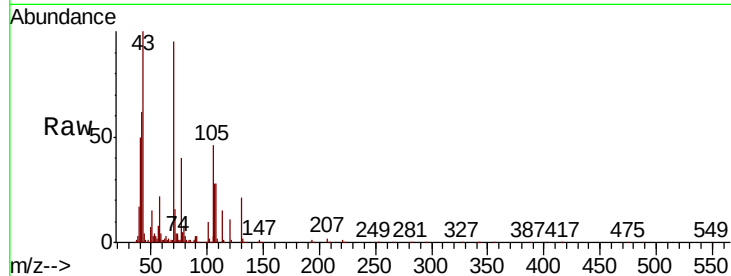
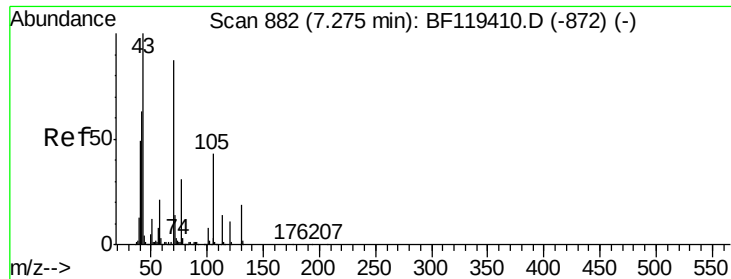
Delta R.T. -0.01 min

Lab File: BF119724.D

Acq: 3 Apr 2020 17:29

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.6	76.1	114.1
201	90.0	73.0	109.6





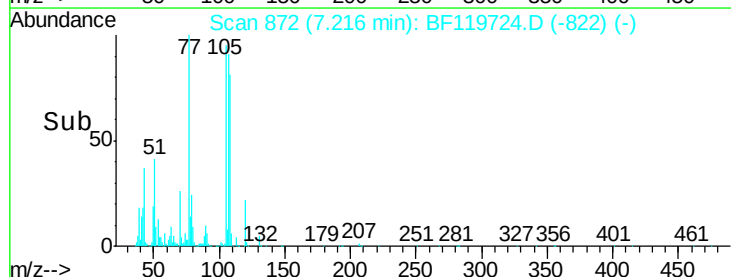
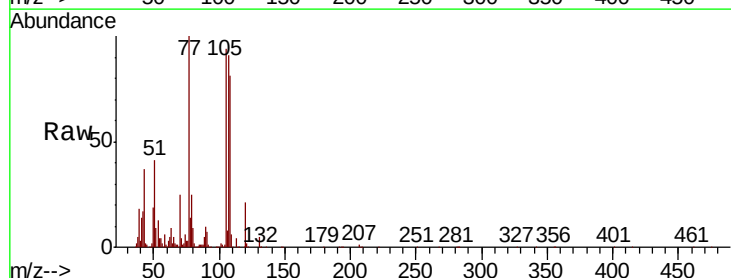
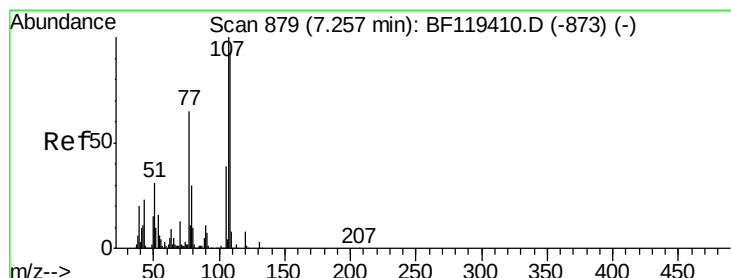
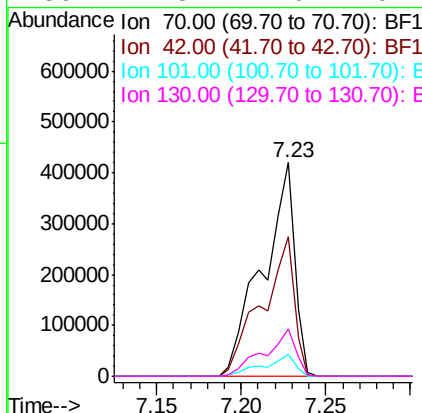
#19
n-Nitroso-di-n-propylamine
Concen: 53.696 ng
RT: 7.23 min Scan# 874
Delta R.T. -0.01 min
Lab File: BF119724.D
Acq: 3 Apr 2020 17:29

Instrument :
BNA_F
ClientSampleId :
239-WC-S-SB-01MS

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	65.3	54.5	81.7	
101	10.0	7.6	11.4	
130	22.3	17.6	26.4	

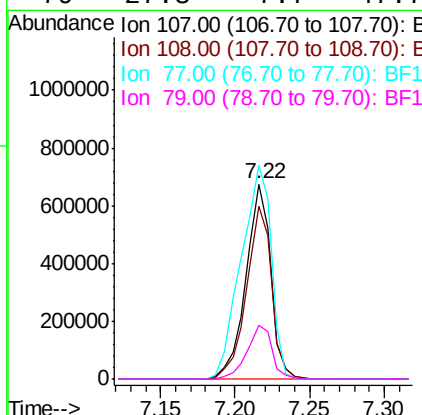
Manual Integrations
APPROVED

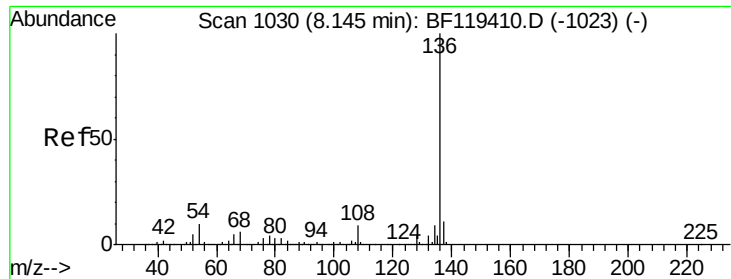
mohammad
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#20
3+4-Methylphenols
Concen: 49.375 ng
RT: 7.22 min Scan# 872
Delta R.T. -0.01 min
Lab File: BF119724.D
Acq: 3 Apr 2020 17:29

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	88.6	67.9	107.9	
77	109.6	52.9	92.9	
79	27.3	7.7	47.7	





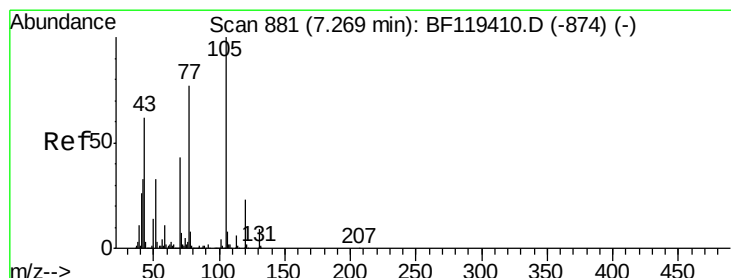
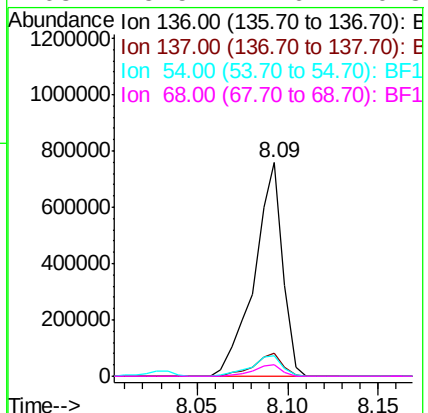
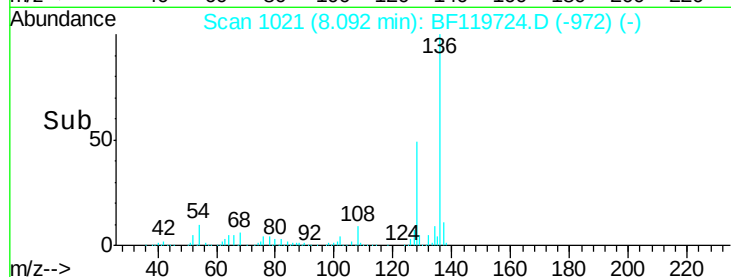
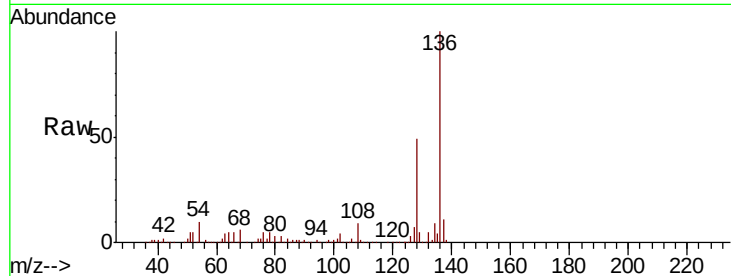
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BF119724.D
Acq: 3 Apr 2020 17:29

Instrument :
BNA_F
ClientSampleId :
239-WC-S-SB-01MS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	822934		
137	10.7		8.7	13.1
54	9.9		9.1	13.7
68	5.5		4.6	6.8

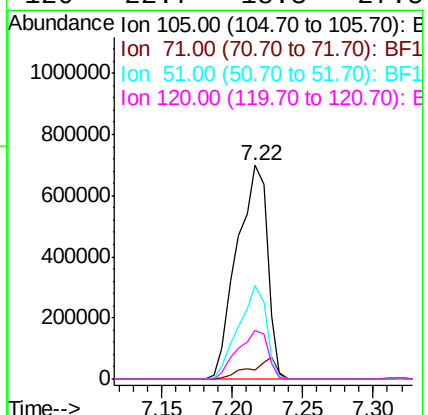
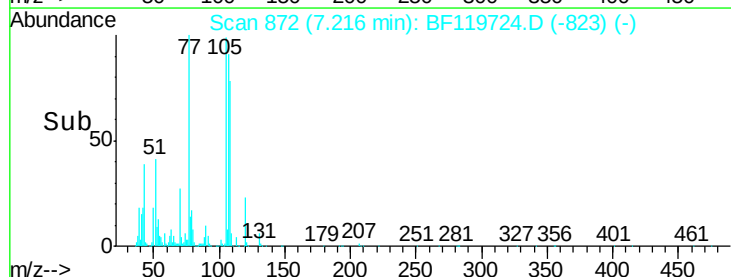
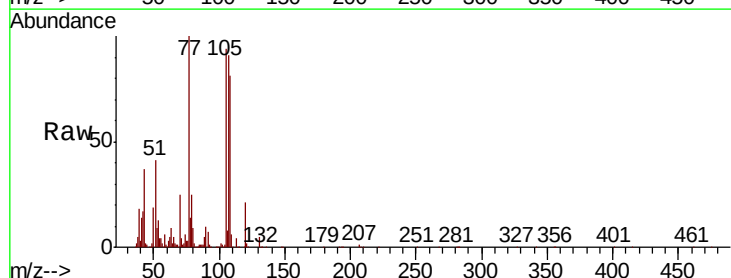
Manual Integrations
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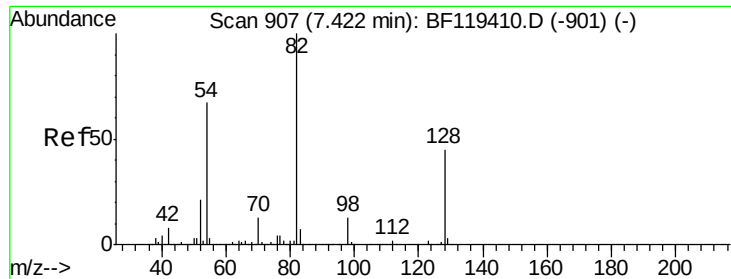
mohammad
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#22
Acetophenone
Concen: 53.944 ng
RT: 7.22 min Scan# 872
Delta R.T. -0.01 min
Lab File: BF119724.D
Acq: 3 Apr 2020 17:29

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	1060737		
71	4.5		5.7	8.5#
51	43.9		26.2	39.4#
120	22.7		18.3	27.5





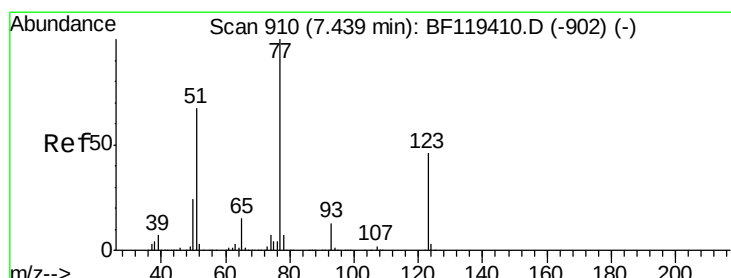
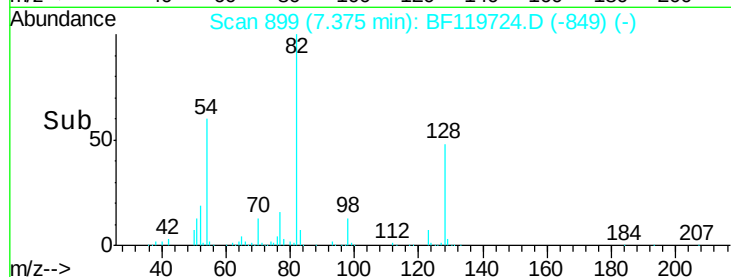
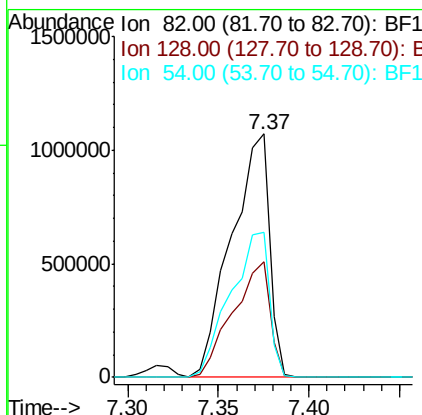
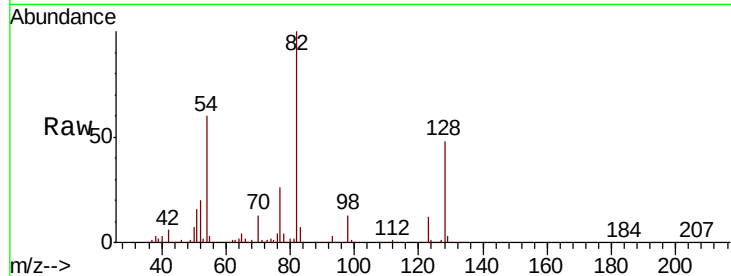
#23
 Nitrobenzene-d5
 Concen: 103.281 ng
 RT: 7.37 min Scan# 899
 Delta R.T. -0.01 min
 Lab File: BF119724.D
 Acq: 3 Apr 2020 17:29

Instrument :
 BNA_F
 ClientSampleId :
 239-WC-S-SB-01MS

Tot Ion: 82 Resp: 1563877
 Ion Ratio Lower Upper
 82 100
 128 47.6 36.3 54.5
 54 59.8 50.6 75.8

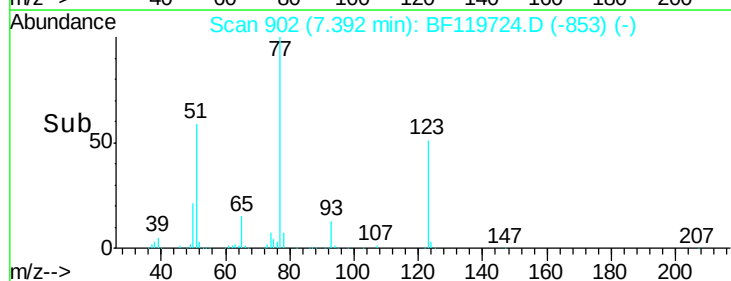
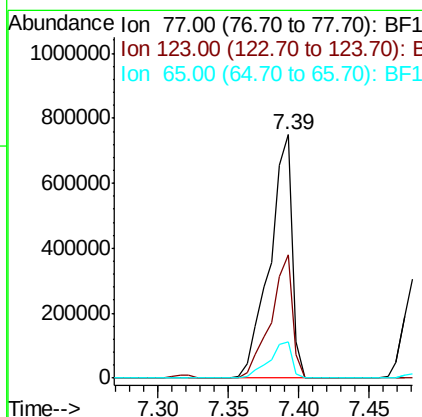
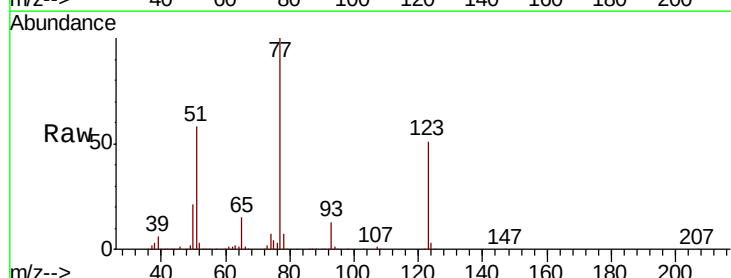
Manual Integrations
 APPROVED

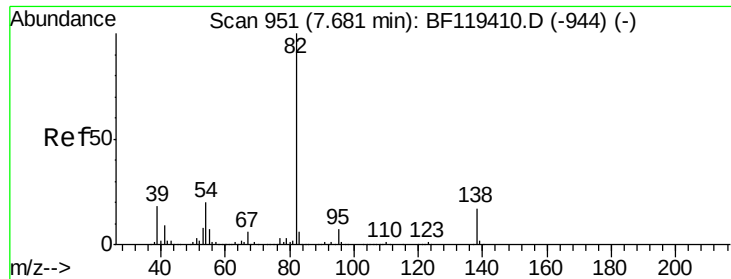
mohammad
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#24
 Nitrobenzene
 Concen: 51.592 ng
 RT: 7.39 min Scan# 902
 Delta R.T. -0.01 min
 Lab File: BF119724.D
 Acq: 3 Apr 2020 17:29

Tgt Ion: 77 Resp: 834871
 Ion Ratio Lower Upper
 77 100
 123 50.7 38.0 57.0
 65 14.7 12.6 18.8





#25

Isophorone

Concen: 50.825 ng

RT: 7.63 min Scan# 943

Delta R.T. -0.01 min

Lab File: BF119724.D

Acq: 3 Apr 2020 17:29

Instrument :

BNA_F

ClientSampleId :

239-WC-S-SB-01MS

Tot Ion: 82 Resp: 1561146

Ion Ratio Lower Upper

82 100

95 6.6 5.8 8.6

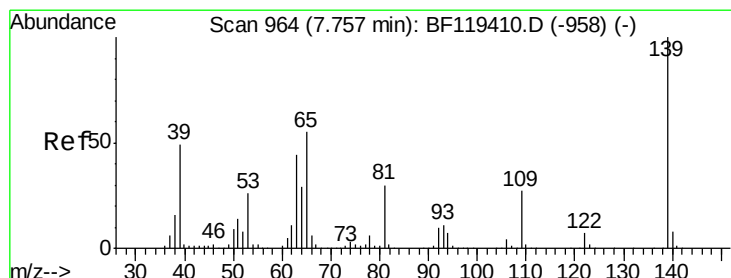
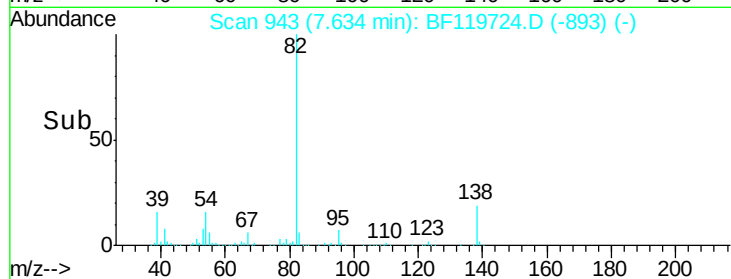
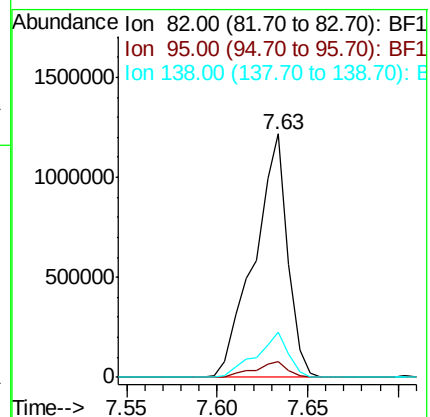
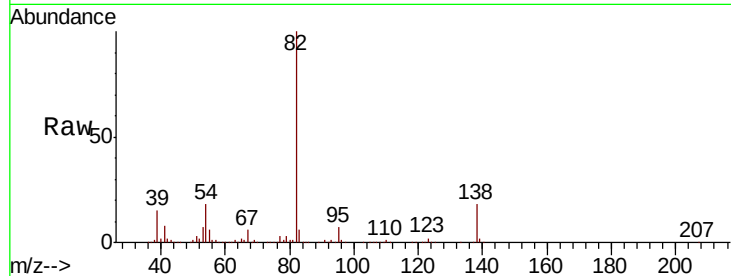
138 18.4 14.6 21.8

Manual Integrations

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#26

2-Nitrophenol

Concen: 69.468 ng

RT: 7.70 min Scan# 955

Delta R.T. -0.01 min

Lab File: BF119724.D

Acq: 3 Apr 2020 17:29

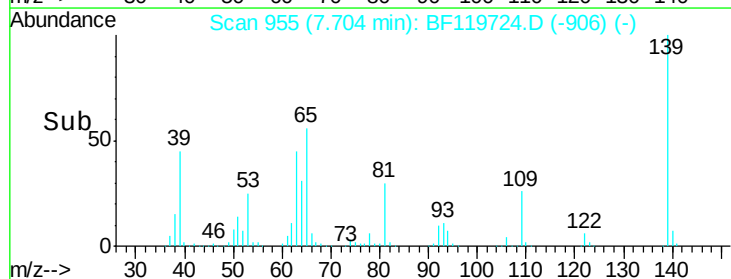
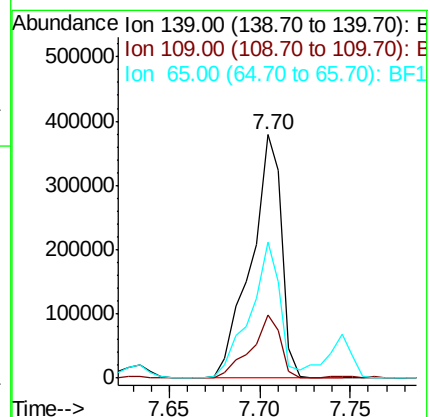
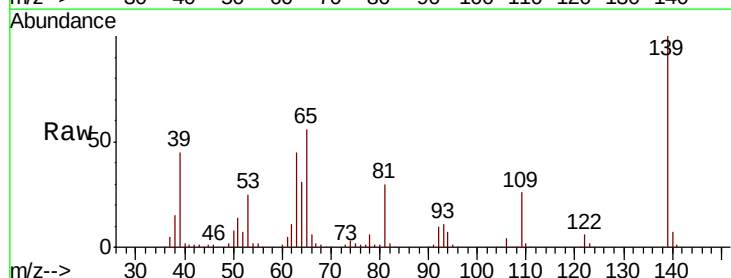
Tgt Ion: 139 Resp: 442616

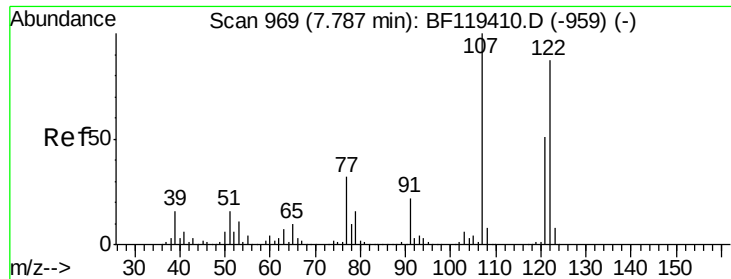
Ion Ratio Lower Upper

139 100

109 26.2 22.1 33.1

65 55.8 49.2 73.8





#27

2,4-Dimethylphenol

Concen: 54.536 ng

RT: 7.75 min Scan# 962

Delta R.T. -0.01 min

Lab File: BF119724.D

Acq: 3 Apr 2020 17:29

Instrument :

BNA_F

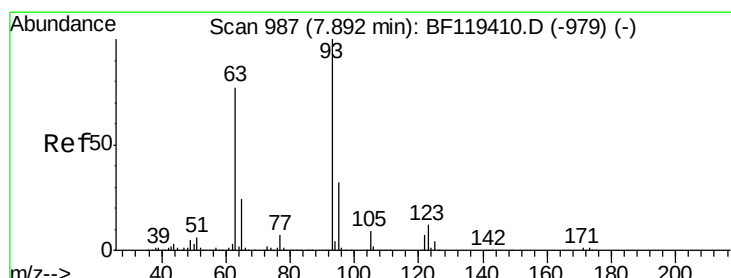
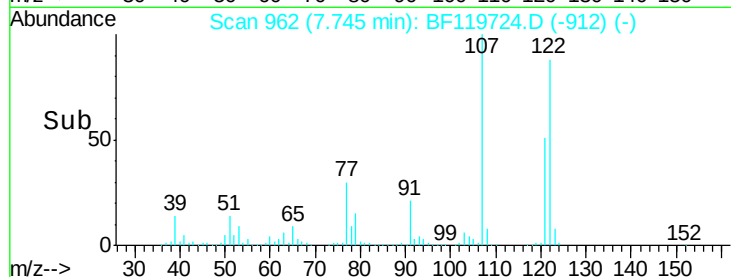
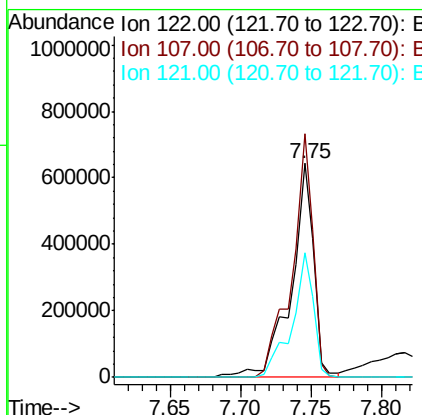
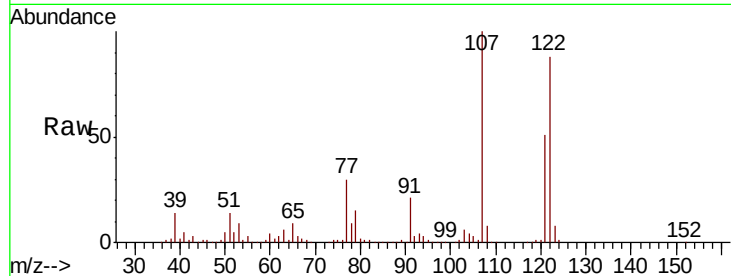
ClientSampleId :

239-WC-S-SB-01MS

Tot Ion:	122	Resp:	718496
Ion Ratio	Lower	Upper	
122	100		
107	113.8	89.0	133.6
121	58.2	46.7	70.1

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#28

bis(2-Chloroethoxy)methane

Concen: 53.452 ng

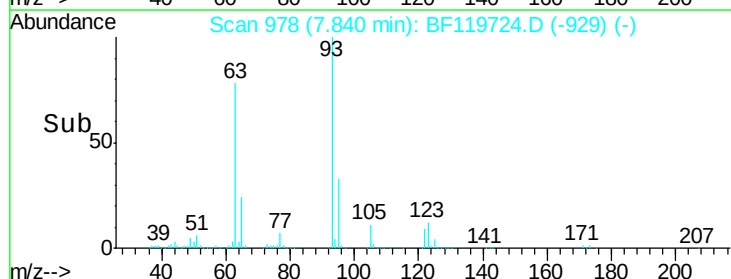
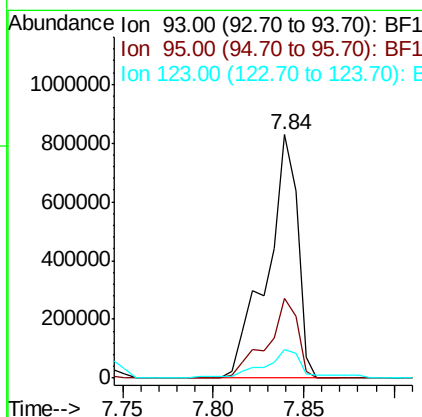
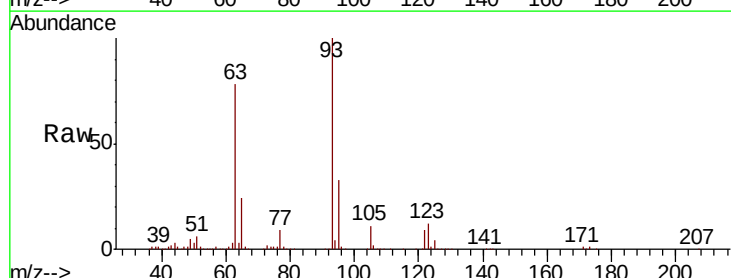
RT: 7.84 min Scan# 978

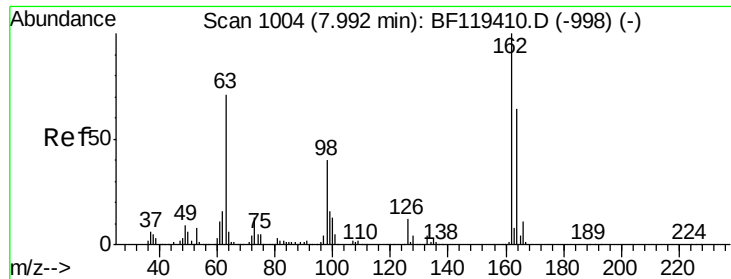
Delta R.T. -0.01 min

Lab File: BF119724.D

Acq: 3 Apr 2020 17:29

Tgt Ion:	93	Resp:	970863
Ion Ratio	Lower	Upper	
93	100		
95	32.8	26.3	39.5
123	11.9	9.7	14.5





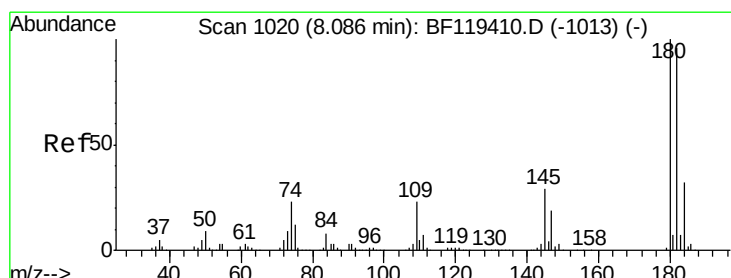
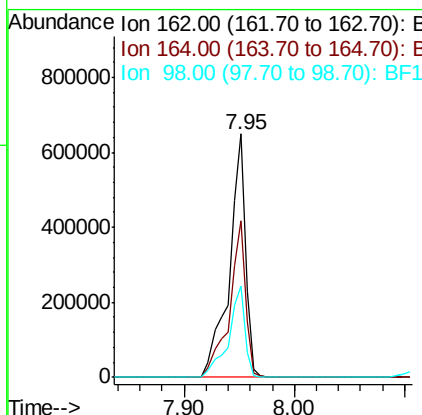
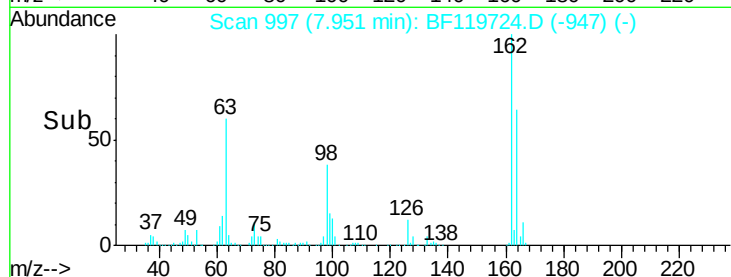
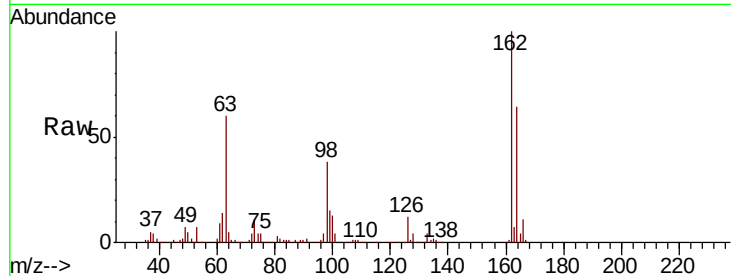
#29
2,4-Dichlorophenol
Concen: 55.724 ng
RT: 7.95 min Scan# 997
Delta R.T. -0.01 min
Lab File: BF119724.D
Acq: 3 Apr 2020 17:29

Instrument :
BNA_F
ClientSampleId :
239-WC-S-SB-01MS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	674558		
164	64.1	44.7	84.7	
98	37.7	20.7	60.7	

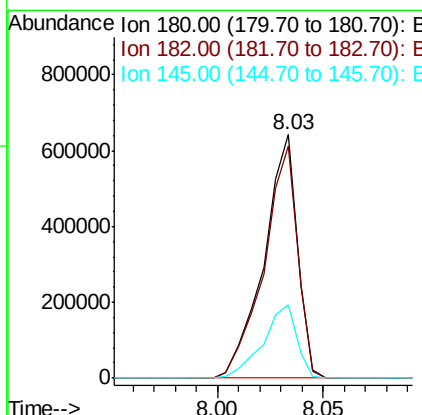
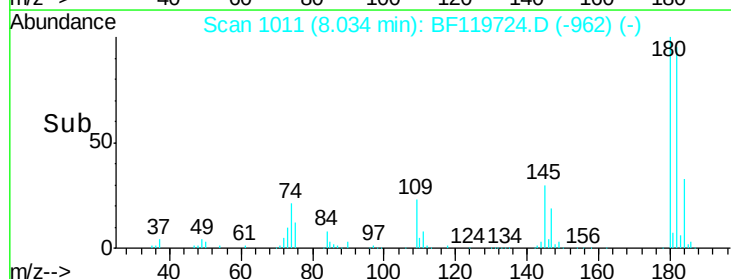
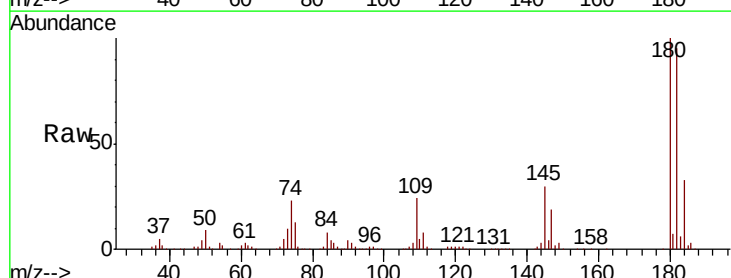
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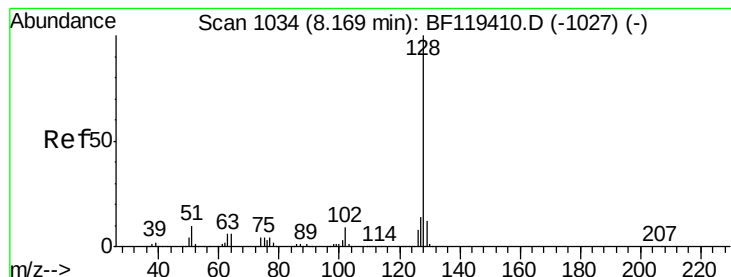
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#30
1,2,4-Trichlorobenzene
Concen: 52.759 ng
RT: 8.03 min Scan# 1011
Delta R.T. -0.01 min
Lab File: BF119724.D
Acq: 3 Apr 2020 17:29

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	706307		
182	95.5	74.7	112.1	
145	30.3	24.5	36.7	





#31

Naphthalene

Concen: 54.464 ng

RT: 8.12 min Scan# 1025

Delta R.T. -0.01 min

Lab File: BF119724.D

Acq: 3 Apr 2020 17:29

Instrument :

BNA_F

ClientSampleId :

239-WC-S-SB-01MS

Tot Ion:128 Resp: 2306504

Ion Ratio Lower Upper

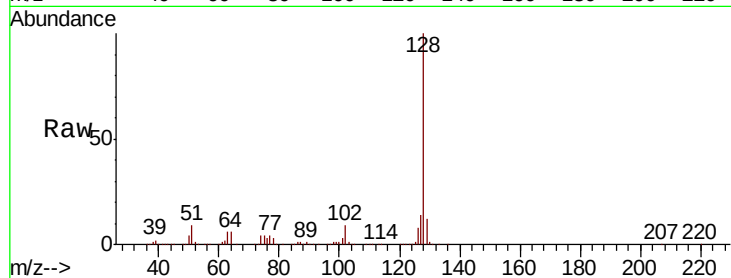
128 100

129 11.6 9.5 14.3

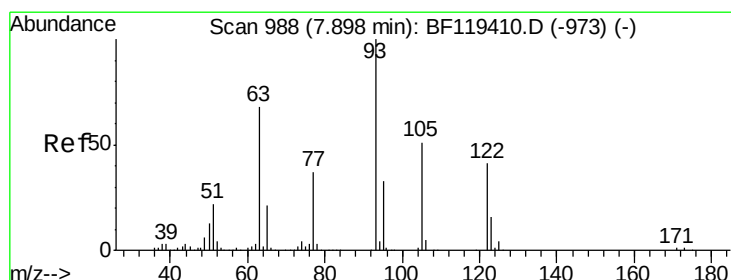
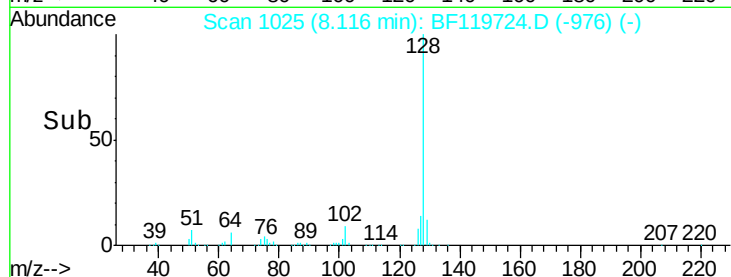
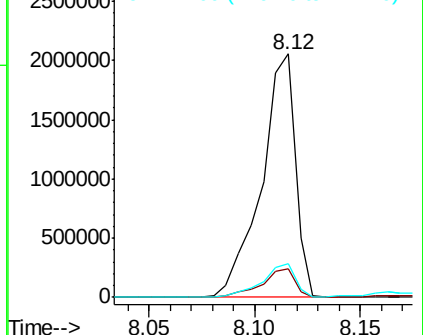
127 13.7 11.3 16.9

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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: 64.493 ng m

RT: 7.88 min Scan# 985

Delta R.T. 0.00 min

Lab File: BF119724.D

Acq: 3 Apr 2020 17:29

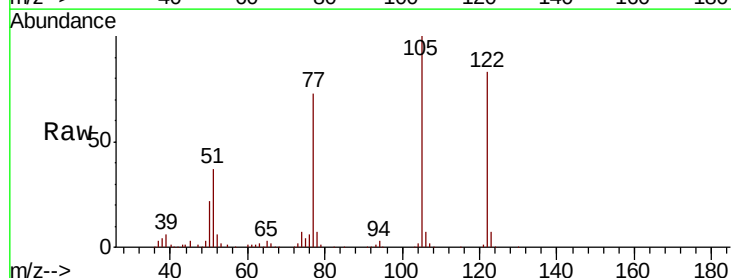
Tgt Ion:122 Resp: 546557

Ion Ratio Lower Upper

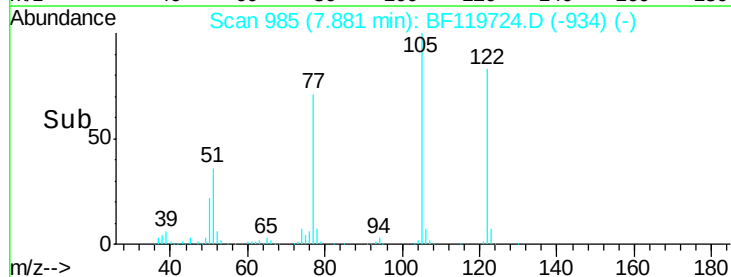
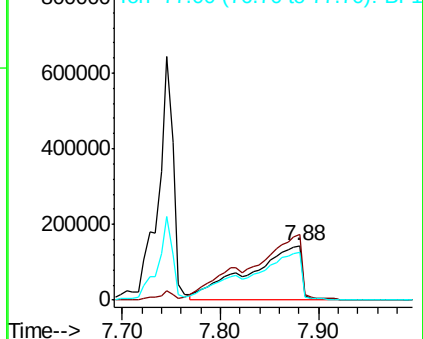
122 100

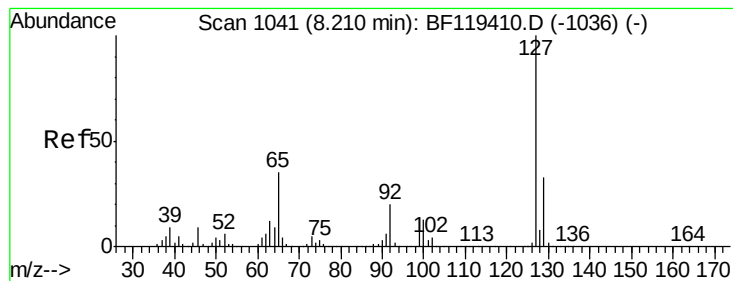
105 119.9 104.9 144.9

77 86.9 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





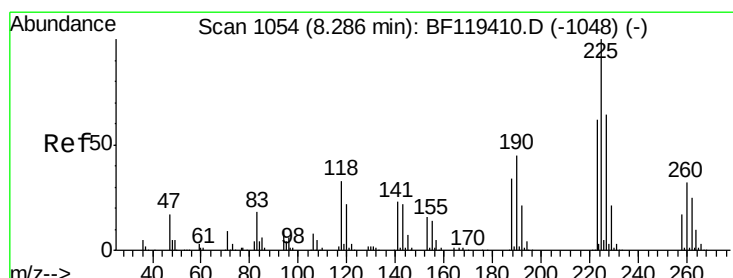
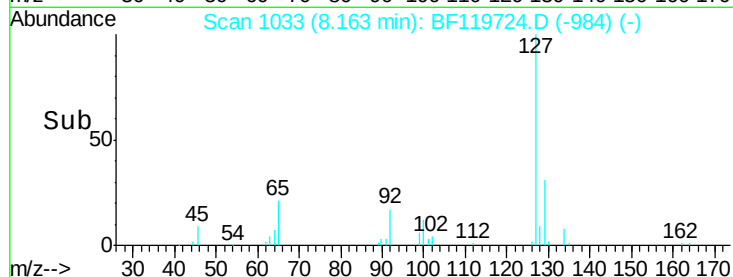
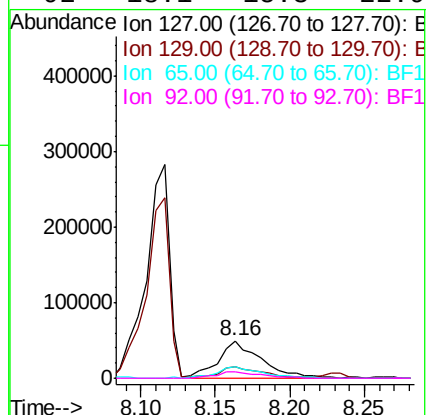
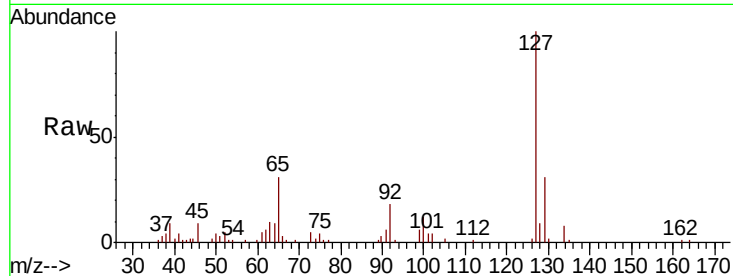
#33
4-Chloroaniline
Concen: 4.938 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF119724.D
Acq: 3 Apr 2020 17:29

Instrument :
BNA_F
ClientSampleId :
239-WC-S-SB-01MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	31.4	26.2	39.4		
65	31.4	27.4	41.0		
92	18.1	15.3	22.9		

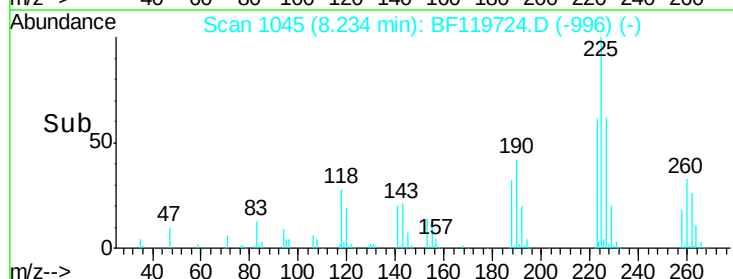
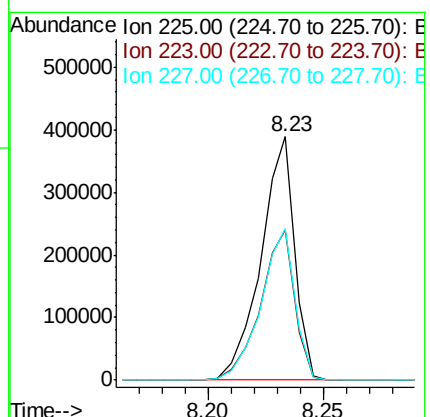
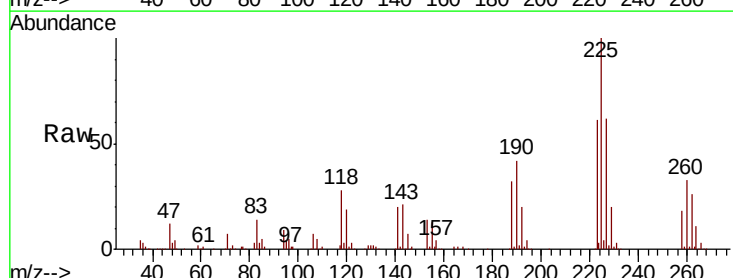
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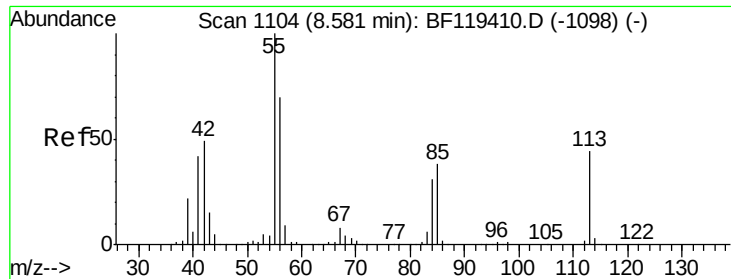
mohammad
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#34
Hexachlorobutadiene
Concen: 52.631 ng
RT: 8.23 min Scan# 1045
Delta R.T. -0.01 min
Lab File: BF119724.D
Acq: 3 Apr 2020 17:29

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	61.5	51.0	76.6		
227	62.3	50.7	76.1		





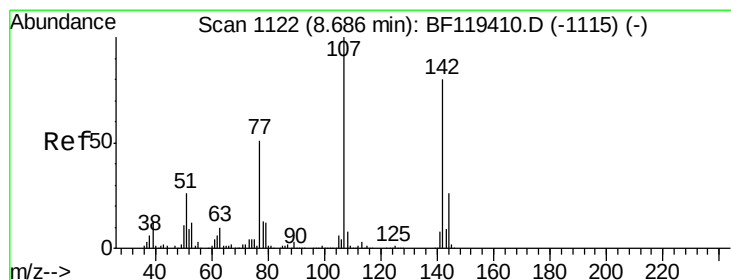
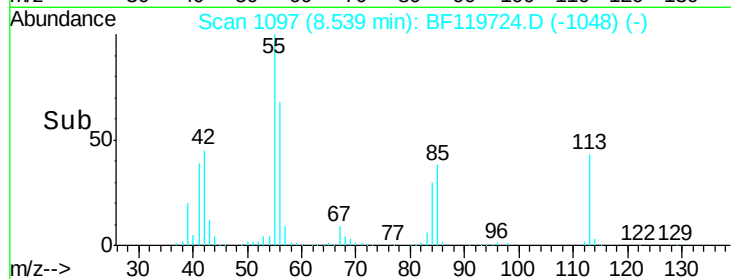
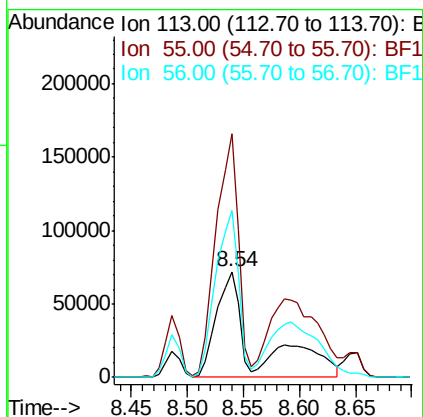
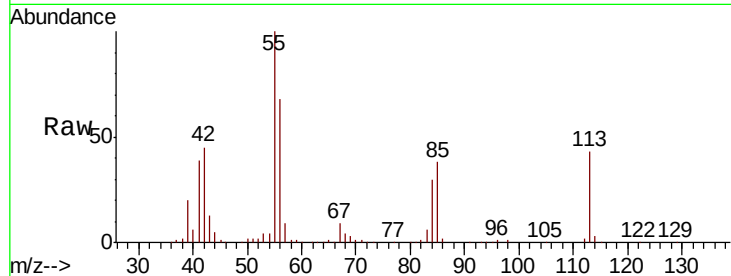
#35
 Caprolactam
 Concen: 43.836 ng/ml
 RT: 8.54 min Scan# 1097
 Delta R.T. -0.01 min
 Lab File: BF119724.D
 Acq: 3 Apr 2020 17:29

Instrument :
 BNA_F
 ClientSampleId :
 239-WC-S-SB-01MS

Tot Ion	Ratio	Lower	Upper
113	100		
55	231.0	218.4	258.4
56	157.7	148.9	188.9

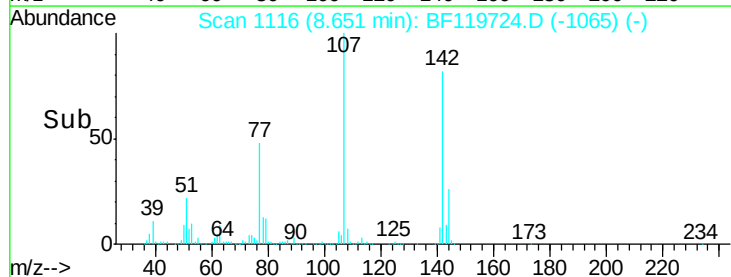
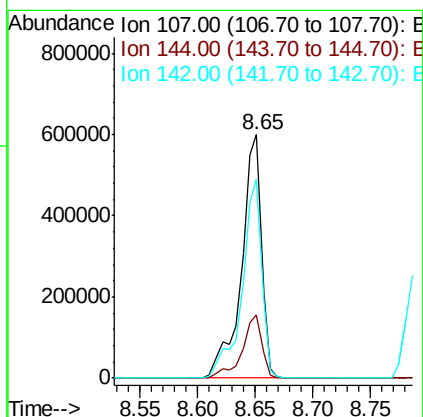
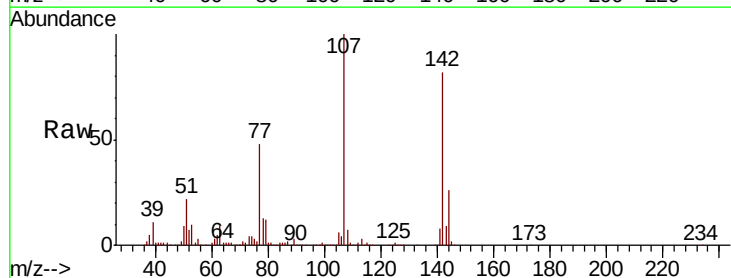
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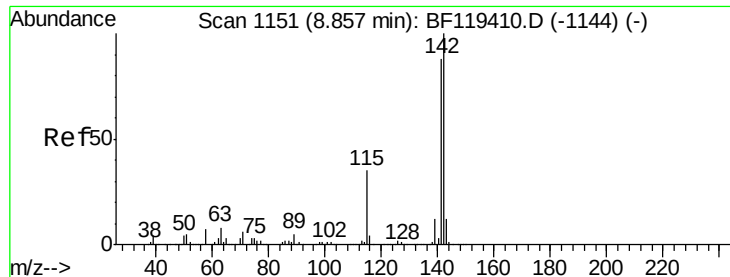
mohammad
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#36
 4-Chloro-3-methylphenol
 Concen: 54.649 ng/ml
 RT: 8.65 min Scan# 1116
 Delta R.T. 0.00 min
 Lab File: BF119724.D
 Acq: 3 Apr 2020 17:29

Tgt Ion	Ratio	Lower	Upper
107	100		
144	25.9	21.0	31.6
142	81.6	64.4	96.6





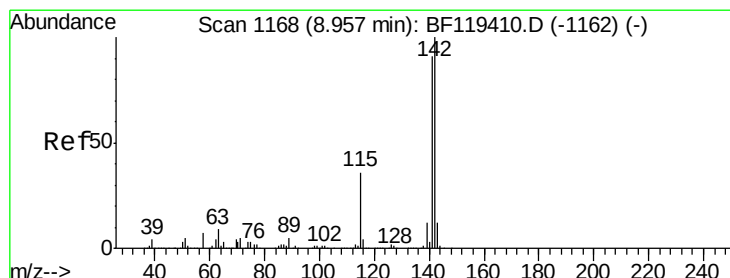
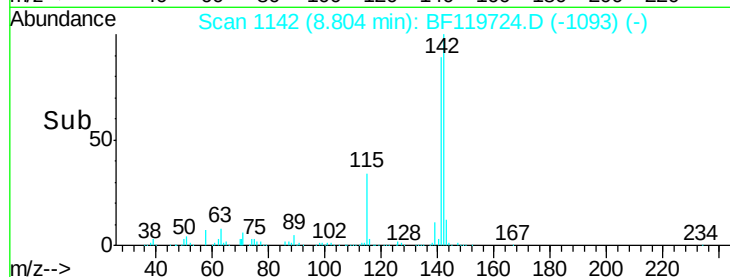
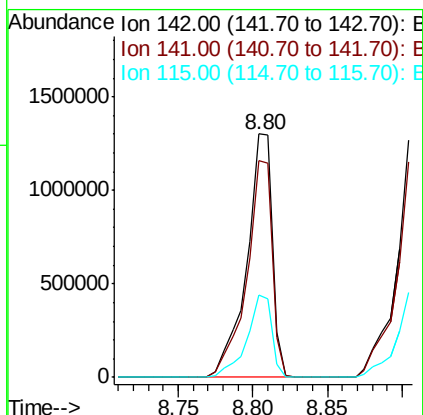
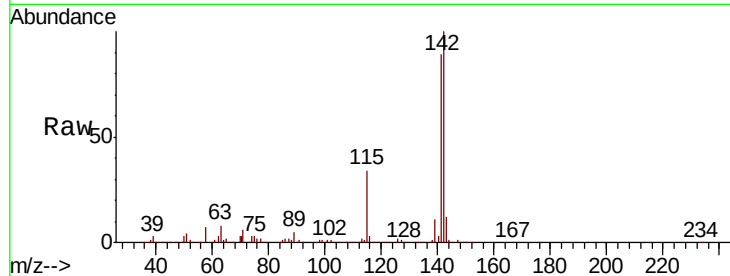
#37
2-Methylnaphthalene
Concen: 55.505 ng
RT: 8.80 min Scan# 1142
Delta R.T. -0.01 min
Lab File: BF119724.D
Acq: 3 Apr 2020 17:29

Instrument :
BNA_F
ClientSampleId :
239-WC-S-SB-01MS

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.0	71.7	107.5
115	33.7	27.9	41.9

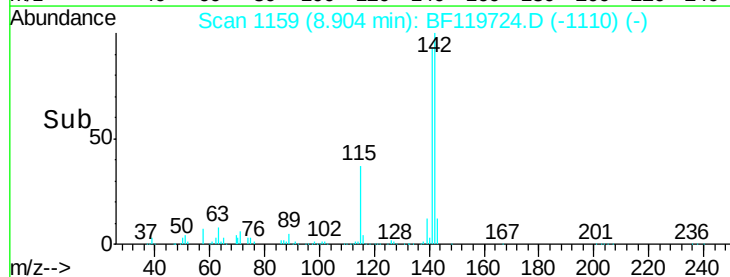
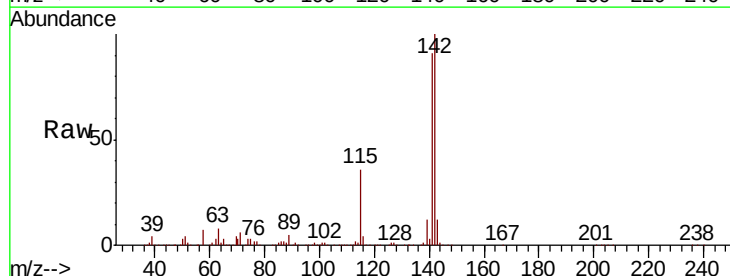
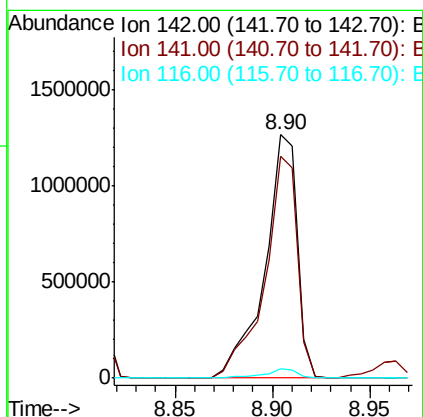
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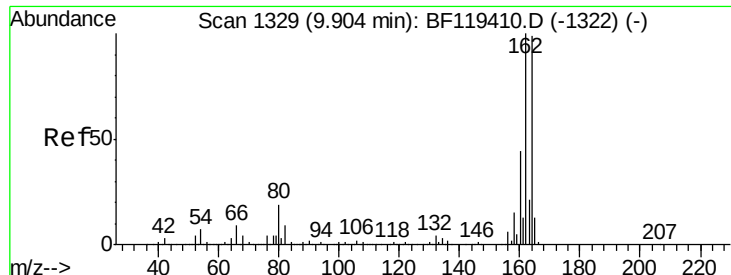
mohammad
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#38
1-Methylnaphthalene
Concen: 55.386 ng
RT: 8.90 min Scan# 1159
Delta R.T. -0.01 min
Lab File: BF119724.D
Acq: 3 Apr 2020 17:29

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.9	73.7	110.5
116	3.8	3.0	4.6





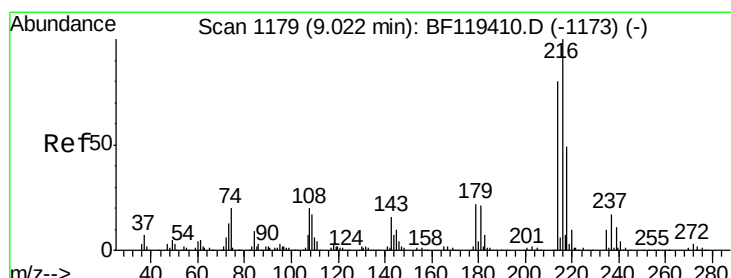
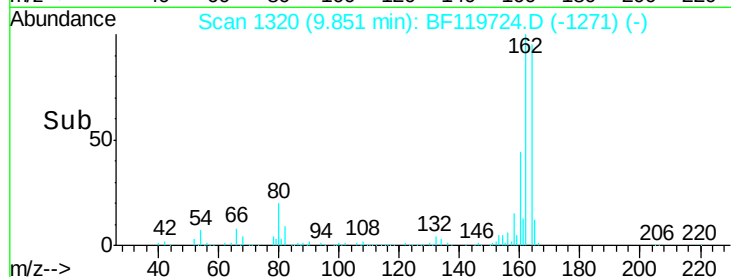
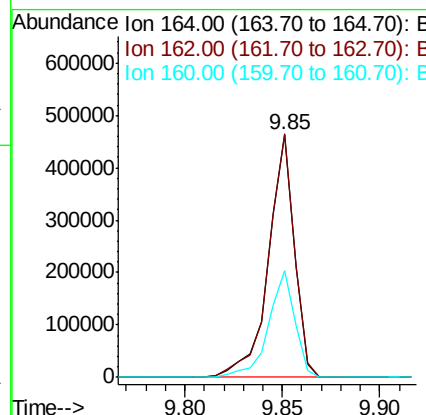
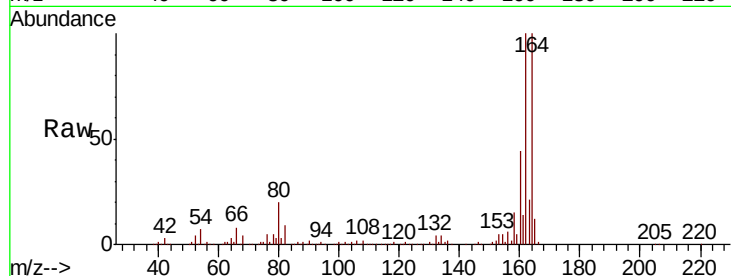
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.85 min Scan# 1320
 Delta R.T. -0.01 min
 Lab File: BF119724.D
 Acq: 3 Apr 2020 17:29

Instrument :
 BNA_F
 ClientSampleId :
 239-WC-S-SB-01MS

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	100.2	80.6	121.0	
160	44.0	35.7	53.5	

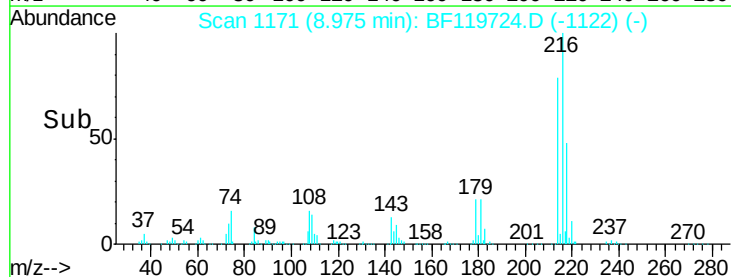
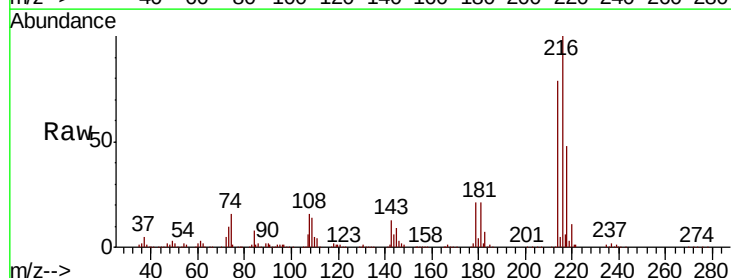
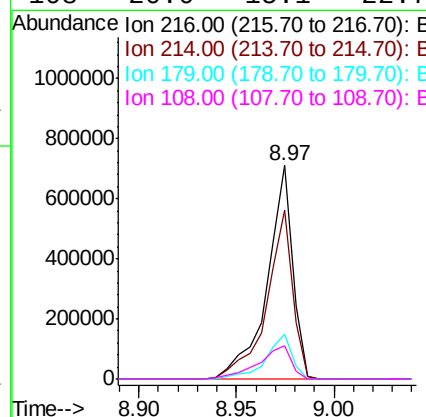
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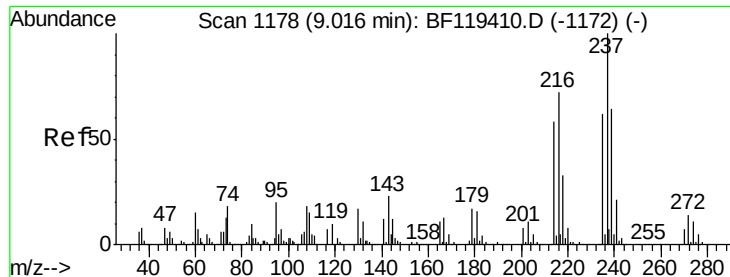
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#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 51.769 ng
 RT: 8.97 min Scan# 1171
 Delta R.T. -0.01 min
 Lab File: BF119724.D
 Acq: 3 Apr 2020 17:29

Tgt Ion	Ratio	Resp	Lower	Upper
216	100			
214	80.0	63.2	94.8	
179	21.6	17.1	25.7	
108	20.0	15.1	22.7	





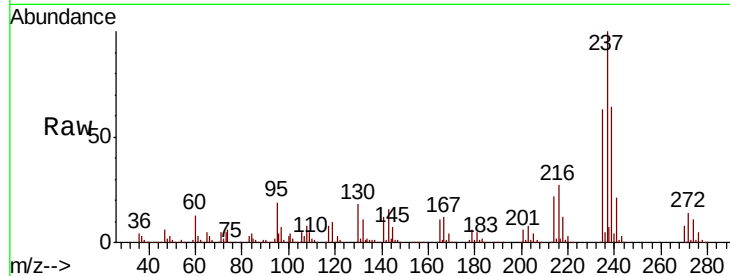
#41
Hexachlorocyclopentadiene
Concen: 106.828 ng
RT: 8.96 min Scan# 1169
Delta R.T. -0.01 min
Lab File: BF119724.D
Acq: 3 Apr 2020 17:29

Instrument :
BNA_F
ClientSampleId :
239-WC-S-SB-01MS

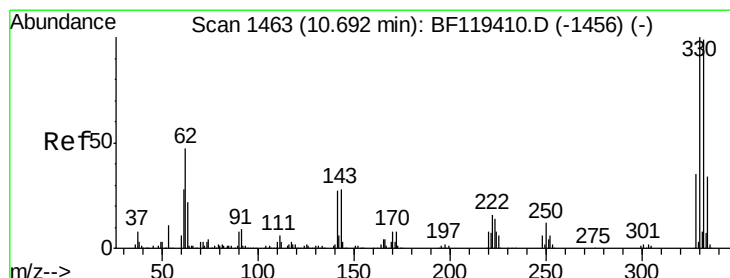
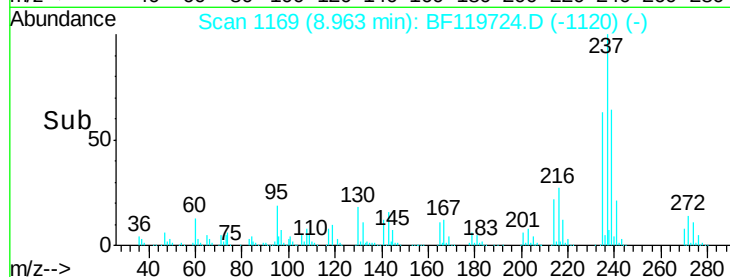
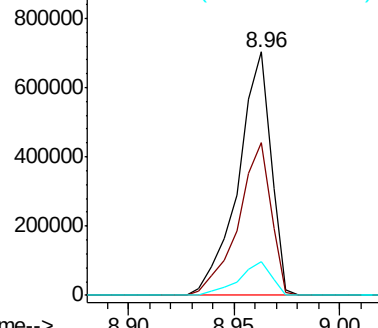
Tot Ion	Ratio	Resp	Lower	Upper
237	100			
235	62.9	43.2	83.2	
272	13.7	0.0	34.1	

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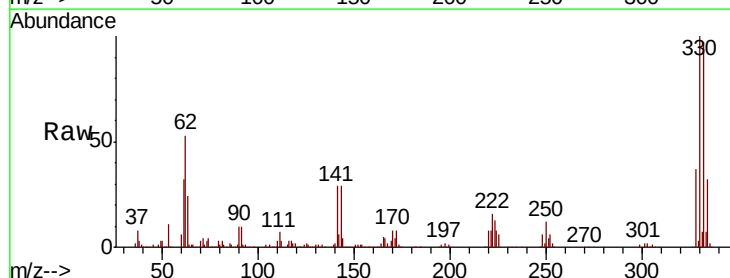


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

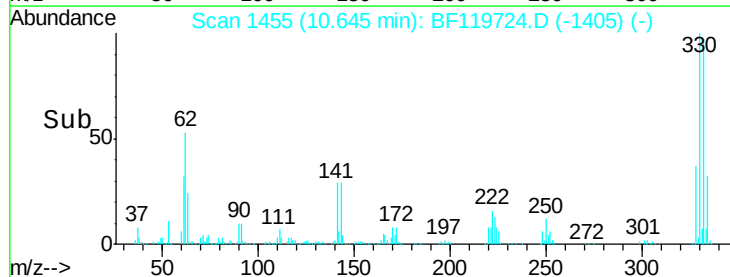
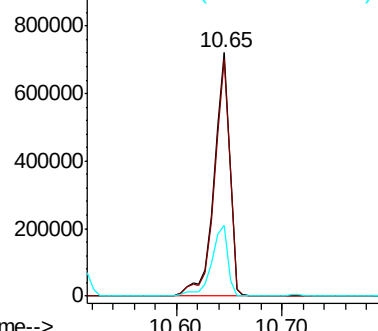


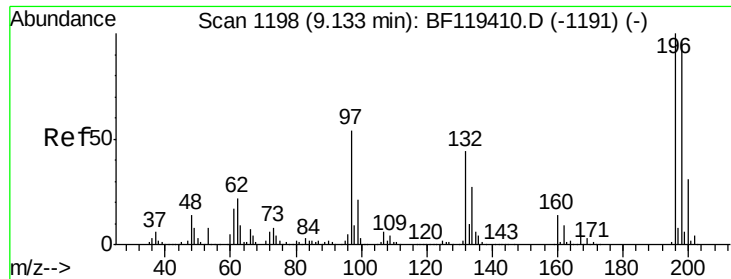
#42
2,4,6-Tribromophenol
Concen: 164.641 ng
RT: 10.65 min Scan# 1455
Delta R.T. -0.01 min
Lab File: BF119724.D
Acq: 3 Apr 2020 17:29

Tgt Ion	Ratio	Resp	Lower	Upper
330	100			
332	96.6	75.7	113.5	
141	29.9	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





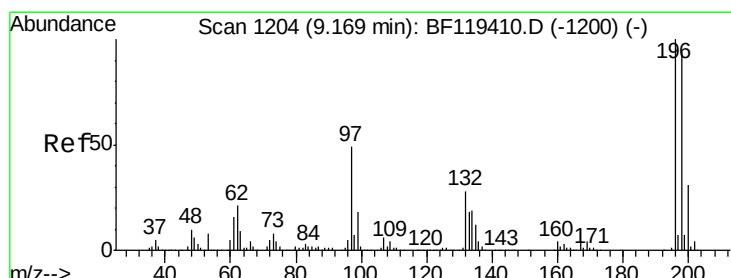
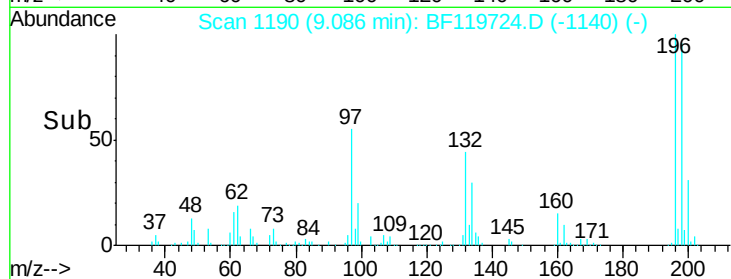
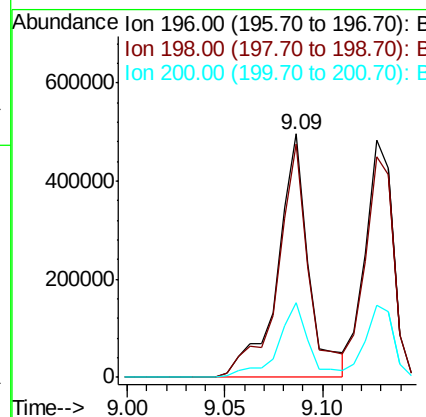
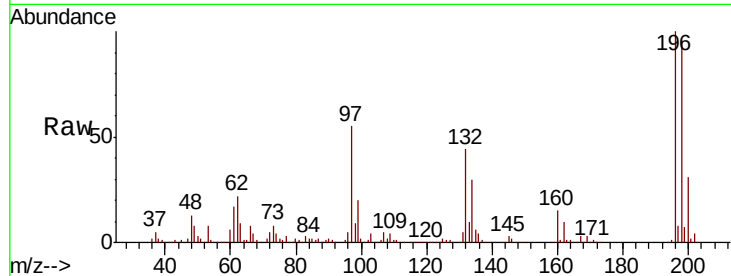
#43
 2,4,6-Trichlorophenol
 Concen: 61.302 ng
 RT: 9.09 min Scan# 1190
 Delta R.T. -0.01 min
 Lab File: BF119724.D
 Acq: 3 Apr 2020 17:29

Instrument :
 BNA_F
 ClientSampleId :
 239-WC-S-SB-01MS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	549245		
198	95.7	76.6	115.0	
200	30.9	24.6	36.8	

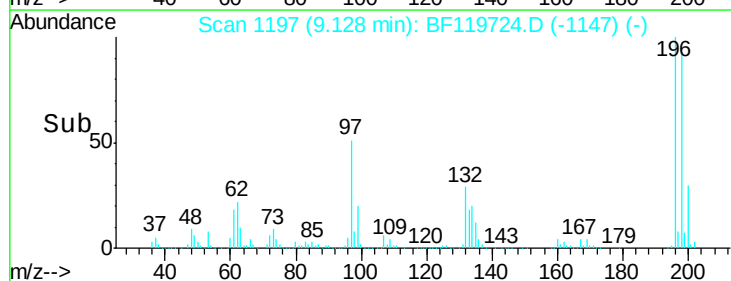
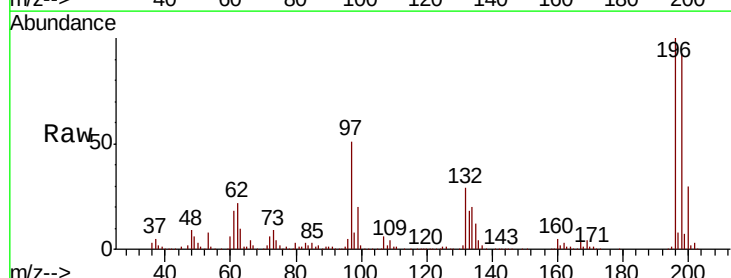
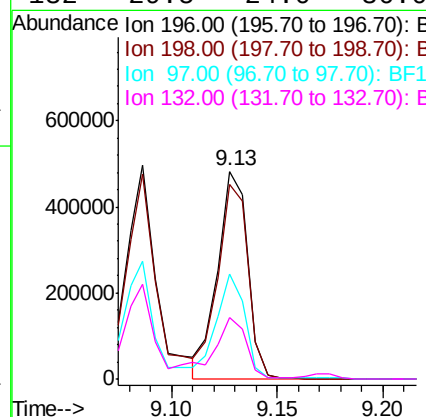
Manual Integrations
 APPROVED

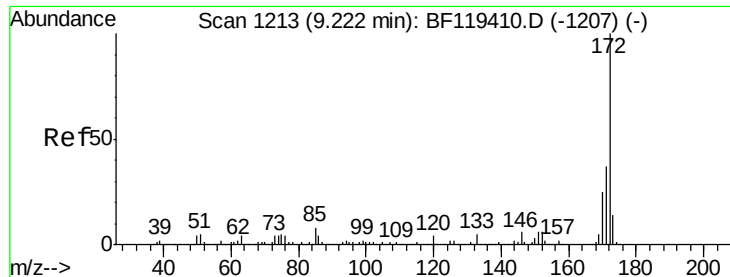
mohammad
 4/6/2020 1:38:48 PM



#44
 2,4,5-Trichlorophenol
 Concen: 47.512 ng
 RT: 9.13 min Scan# 1197
 Delta R.T. -0.01 min
 Lab File: BF119724.D
 Acq: 3 Apr 2020 17:29

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	476872		
198	93.4	73.8	110.8	
97	50.8	42.6	63.8	
132	29.5	24.0	36.0	





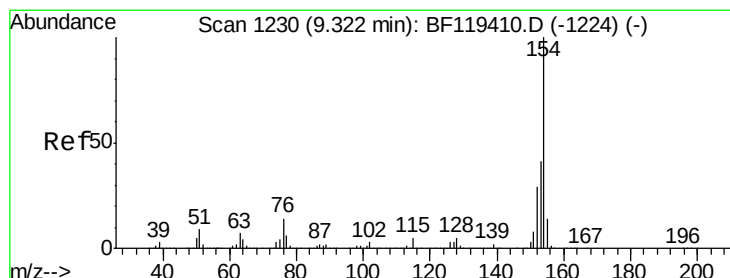
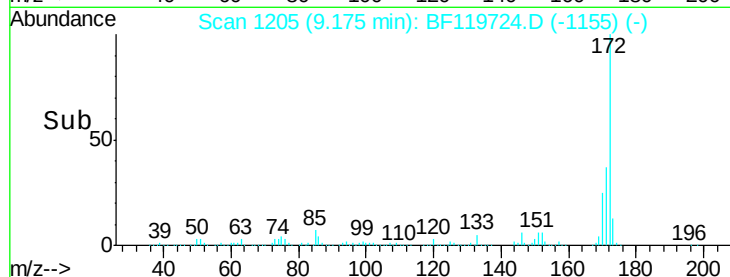
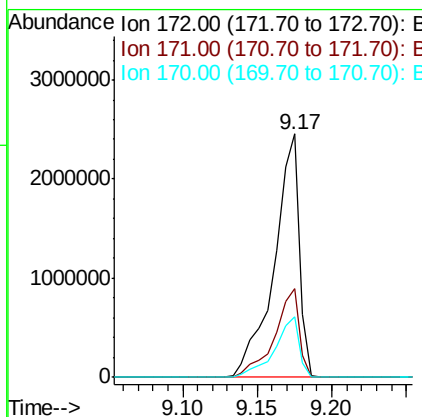
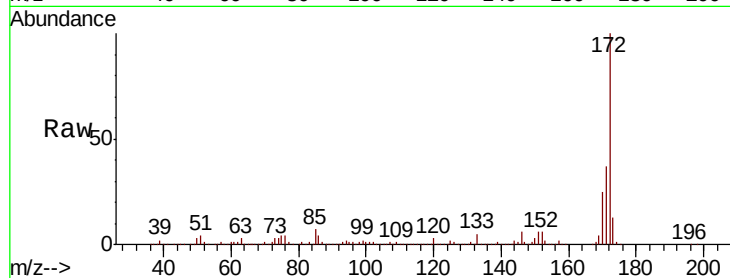
#45
2-Fluorobiphenyl
Concen: 100.536 ng
RT: 9.17 min Scan# 1205
Delta R.T. -0.01 min
Lab File: BF119724.D
Acq: 3 Apr 2020 17:29

Instrument :
BNA_F
ClientSampleId :
239-WC-S-SB-01MS

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.6	44.4
170	24.7	20.2	30.2

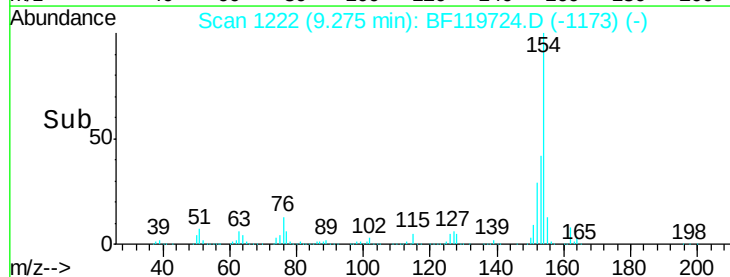
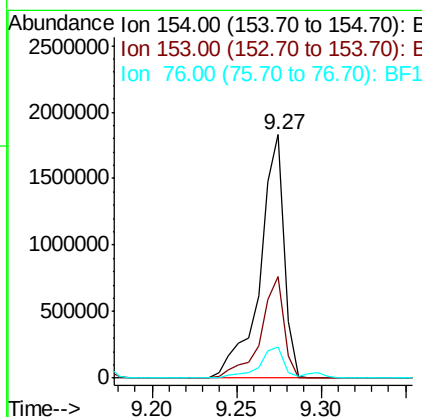
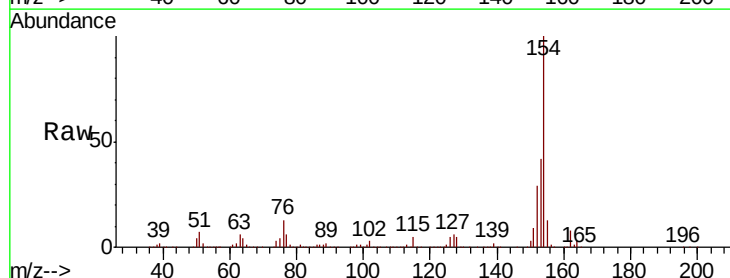
Manual Integrations
APPROVED

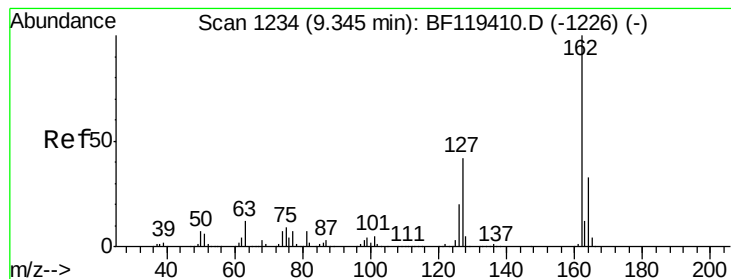
mohammad
4/6/2020 1:38:48 PM



#46
1,1'-Biphenyl
Concen: 52.134 ng
RT: 9.27 min Scan# 1222
Delta R.T. -0.01 min
Lab File: BF119724.D
Acq: 3 Apr 2020 17:29

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.7	21.4	61.4
76	12.5	0.0	33.0





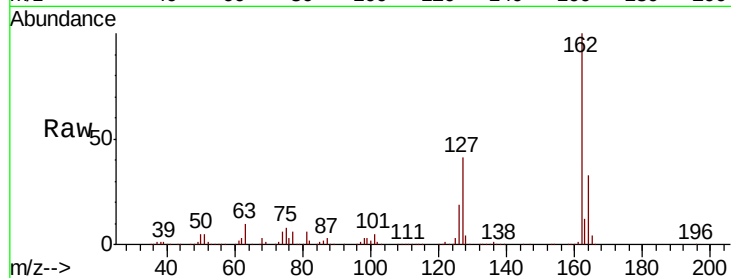
#47
 2-Chloronaphthalene
 Concen: 52.464 ng
 RT: 9.30 min Scan# 1226
 Delta R.T. -0.01 min
 Lab File: BF119724.D
 Acq: 3 Apr 2020 17:29

Instrument :
 BNA_F
 ClientSampleId :
 239-WC-S-SB-01MS

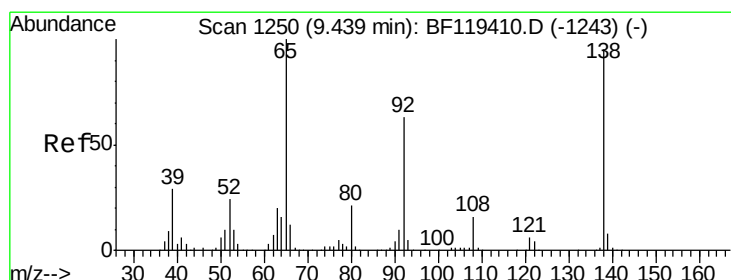
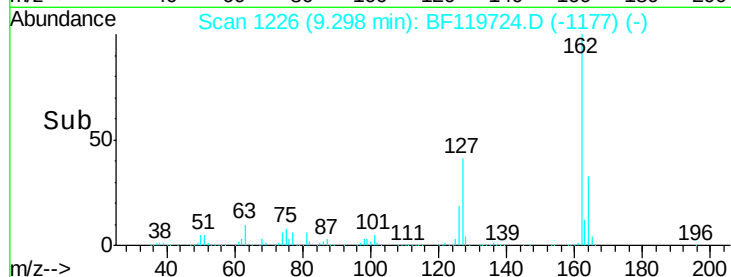
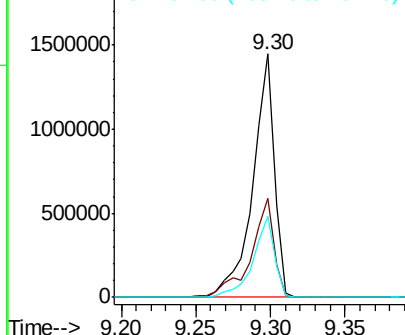
Tot Ion	Ratio	Lower	Upper
162	100		
127	40.6	33.7	50.5
164	33.5	26.3	39.5

Manual Integrations
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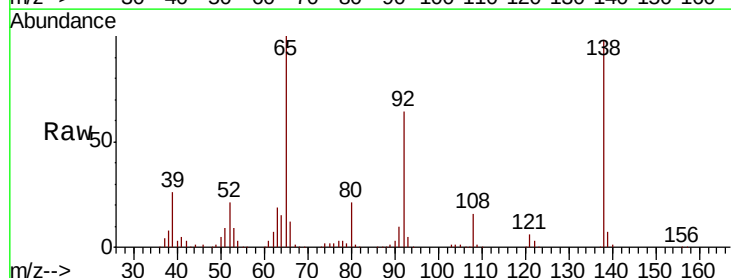


Abundance Ion 162.00 (161.70 to 162.70): E
 2000000 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

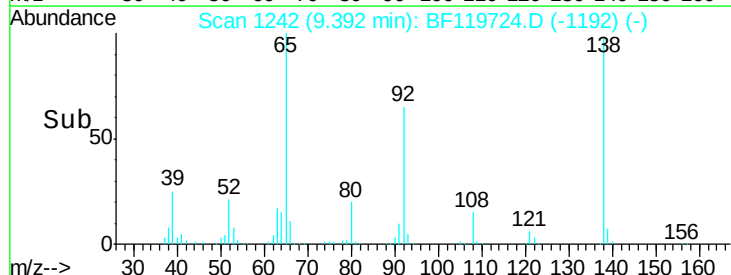
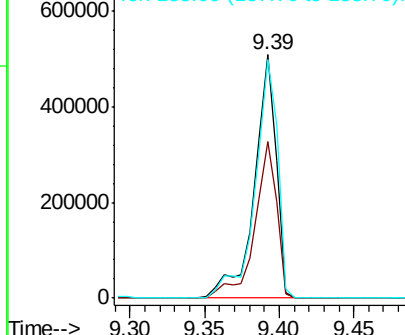


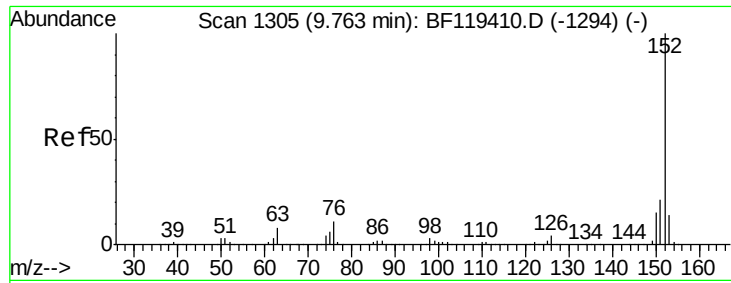
#48
 2-Nitroaniline
 Concen: 54.207 ng
 RT: 9.39 min Scan# 1242
 Delta R.T. -0.01 min
 Lab File: BF119724.D
 Acq: 3 Apr 2020 17:29

Tgt Ion	Ratio	Lower	Upper
65	100		
92	64.3	50.0	75.0
138	97.9	75.0	112.4



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





#49

Acenaphthylene

Concen: 52.177 ng

RT: 9.72 min Scan# 1297

Delta R.T. -0.01 min

Lab File: BF119724.D

Acq: 3 Apr 2020 17:29

Instrument :

BNA_F

ClientSampleId :

239-WC-S-SB-01MS

Tot Ion:152 Resp: 2232847

Ion Ratio Lower Upper

152 100

151 21.2 17.2 25.8

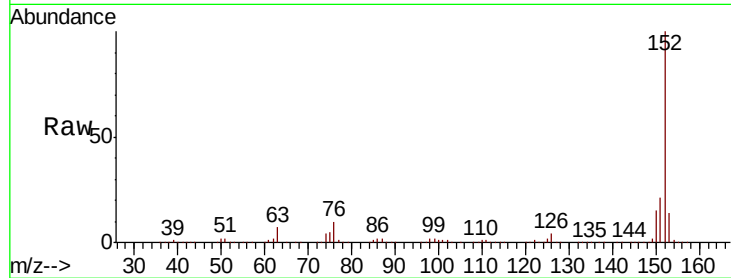
153 13.7 11.2 16.8

Manual Integrations

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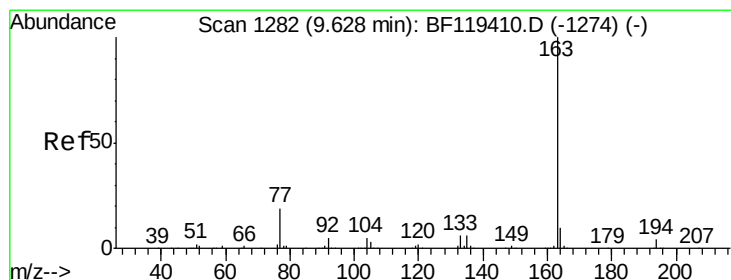
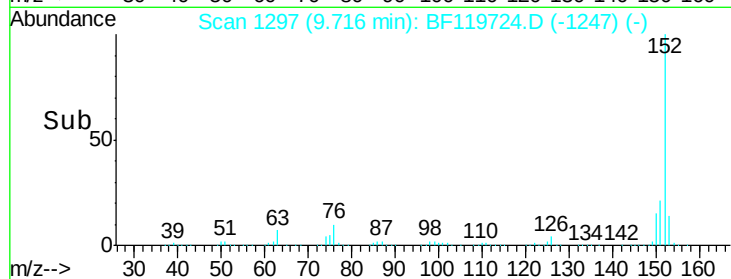
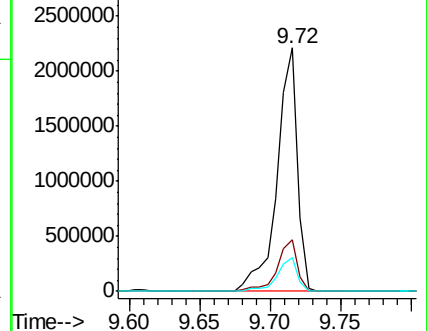
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Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 47.741 ng

RT: 9.58 min Scan# 1274

Delta R.T. -0.01 min

Lab File: BF119724.D

Acq: 3 Apr 2020 17:29

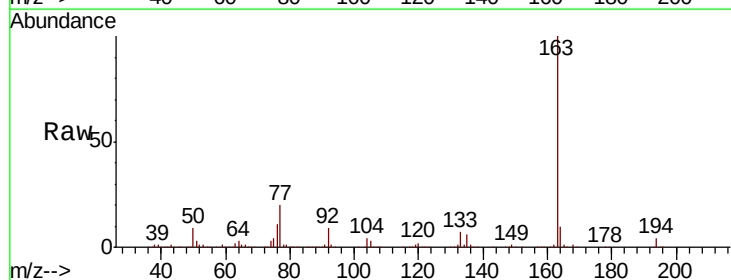
Tgt Ion:163 Resp: 1448494

Ion Ratio Lower Upper

163 100

194 4.1 3.1 4.7

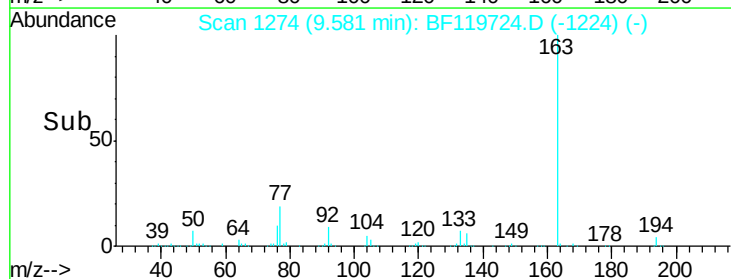
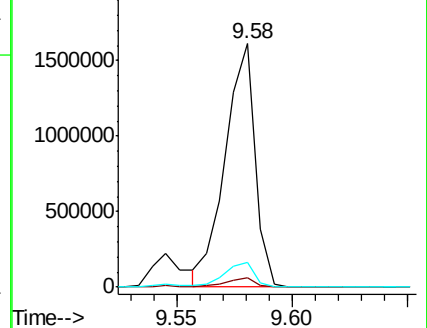
164 10.3 8.2 12.2

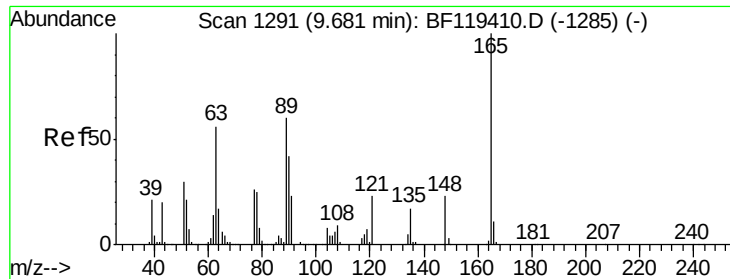


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





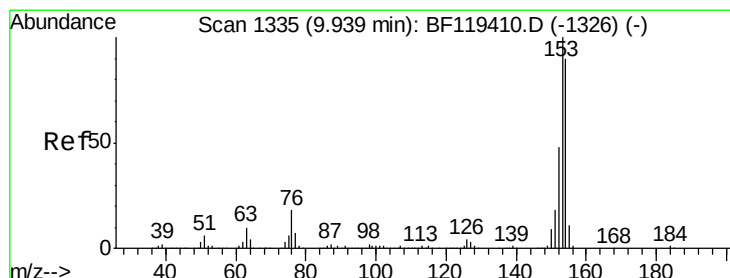
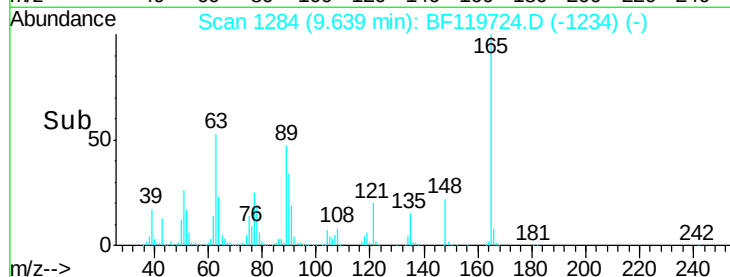
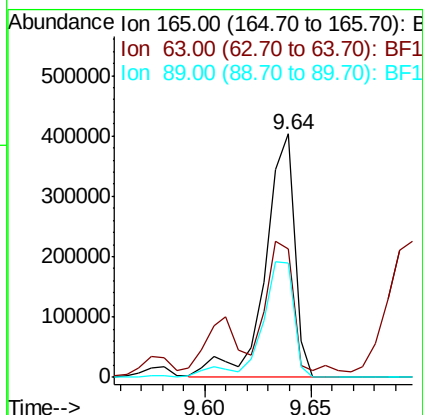
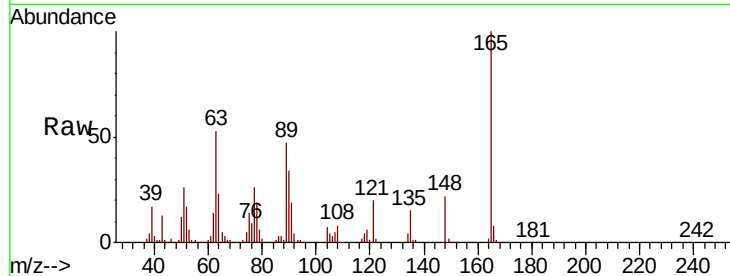
#51
2,6-Dinitrotoluene
Concen: 60.123 ng
RT: 9.64 min Scan# 1284
Delta R.T. -0.01 min
Lab File: BF119724.D
Acq: 3 Apr 2020 17:29

Instrument :
BNA_F
ClientSampleId :
239-WC-S-SB-01MS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	390998		
63	52.5	45.0	67.4	
89	46.9	41.5	62.3	

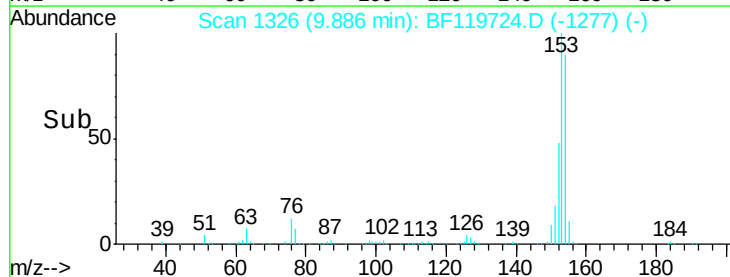
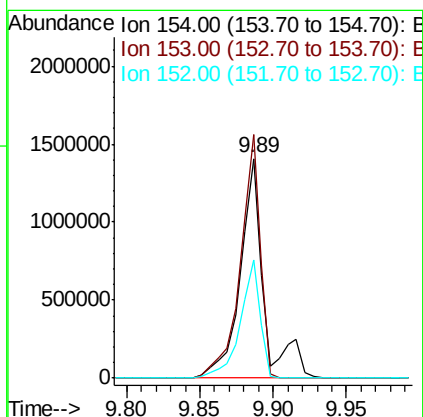
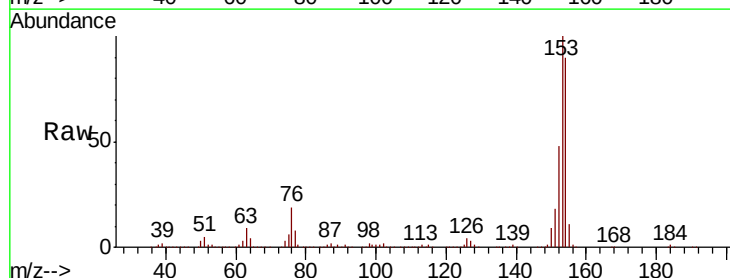
Manual Integrations
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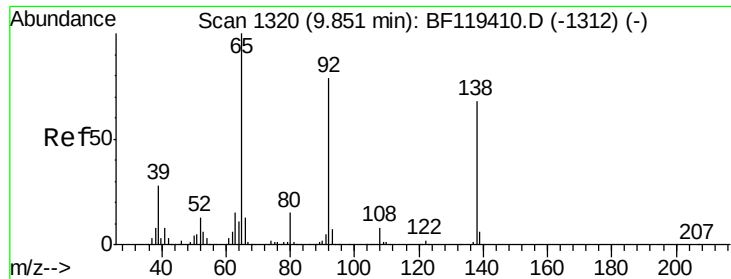
mohammad
4/6/2020 1:38:48 PM



#52
Acenaphthene
Concen: 59.489 ng m
RT: 9.89 min Scan# 1326
Delta R.T. -0.01 min
Lab File: BF119724.D
Acq: 3 Apr 2020 17:29

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	1587058		
153	111.0	88.1	132.1	
152	53.7	43.0	64.4	





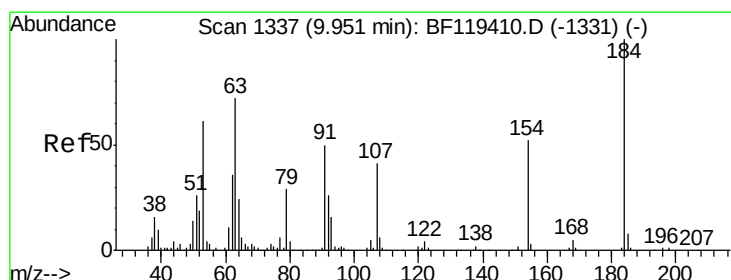
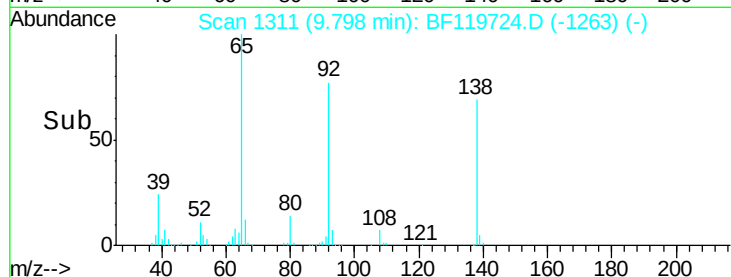
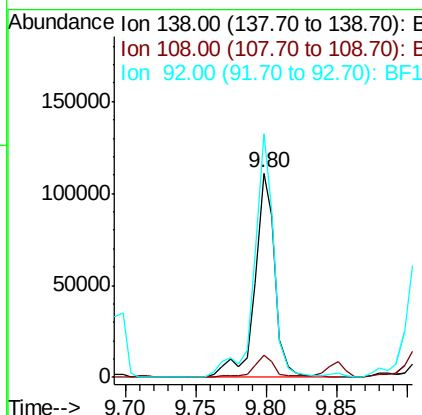
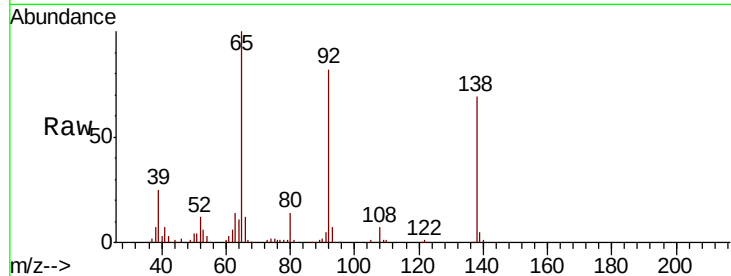
#53
3-Nitroaniline
Concen: 13.554 ng
RT: 9.80 min Scan# 1311
Delta R.T. -0.02 min
Lab File: BF119724.D
Acq: 3 Apr 2020 17:29

Instrument :
BNA_F
ClientSampleId :
239-WC-S-SB-01MS

Tot Ion	Ratio	Resp	Lower	Upper
138	100			
108	10.9	8.6	13.0	
92	119.1	95.4	143.0	

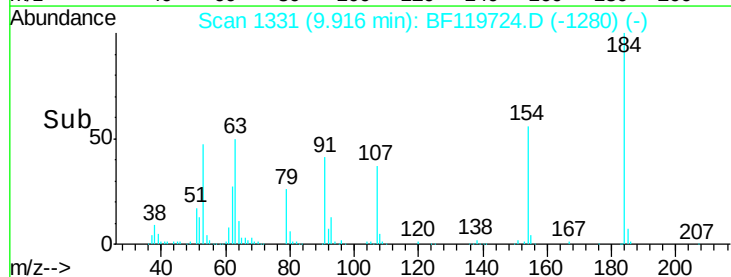
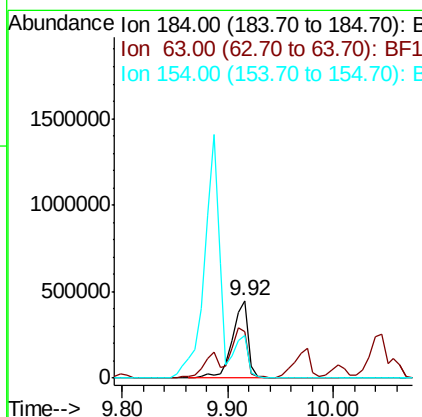
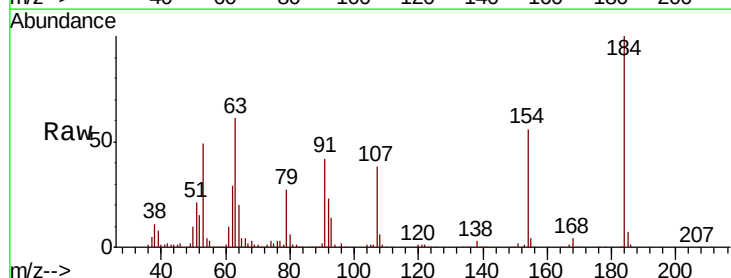
Manual Integrations
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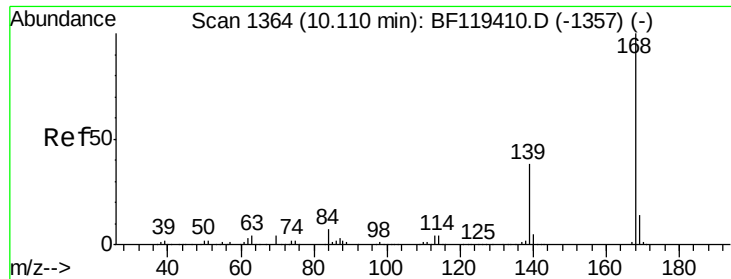
mohammad
4/6/2020 1:38:48 PM



#54
2,4-Dinitrophenol
Concen: 155.301 ng
RT: 9.92 min Scan# 1331
Delta R.T. 0.00 min
Lab File: BF119724.D
Acq: 3 Apr 2020 17:29

Tgt Ion	Ratio	Resp	Lower	Upper
184	100			
63	60.5	50.2	75.4	
154	55.8	44.5	66.7	





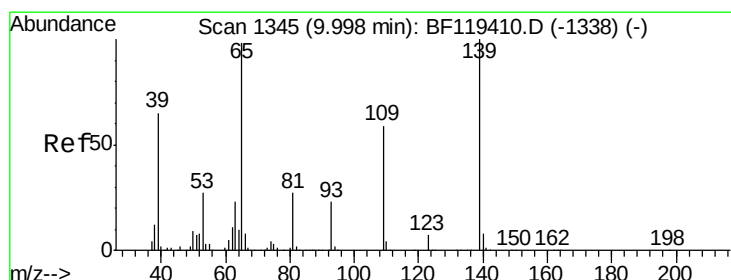
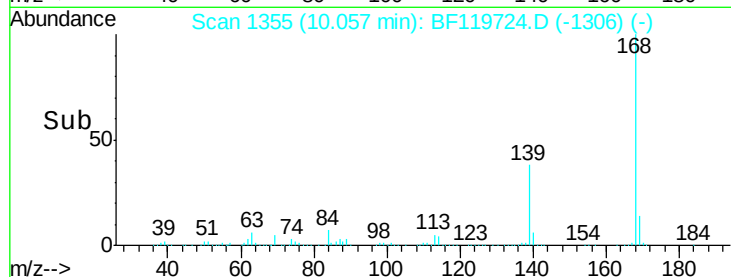
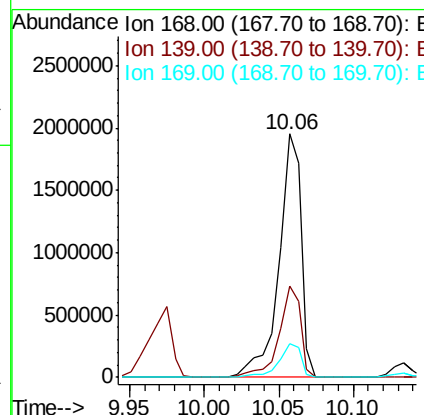
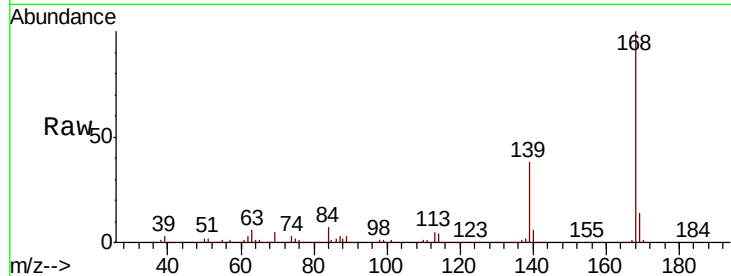
#55
Dibenzofuran
Concen: 53.010 ng
RT: 10.06 min Scan# 1355
Delta R.T. -0.01 min
Lab File: BF119724.D
Acq: 3 Apr 2020 17:29

Instrument :
BNA_F
ClientSampleId :
239-WC-S-SB-01MS

Tot Ion	Ratio	Lower	Upper
168	100		
139	37.6	30.1	45.1
169	14.0	11.0	16.6

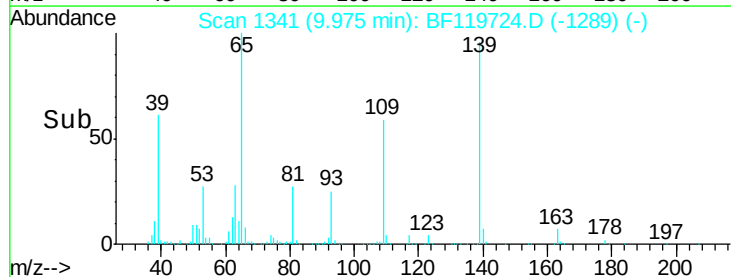
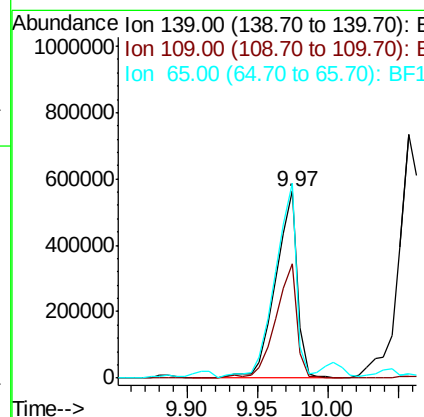
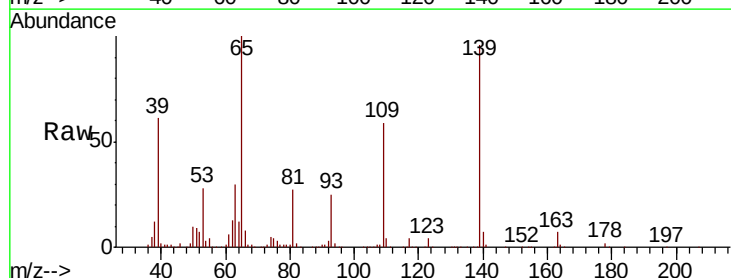
Manual Integrations
APPROVED

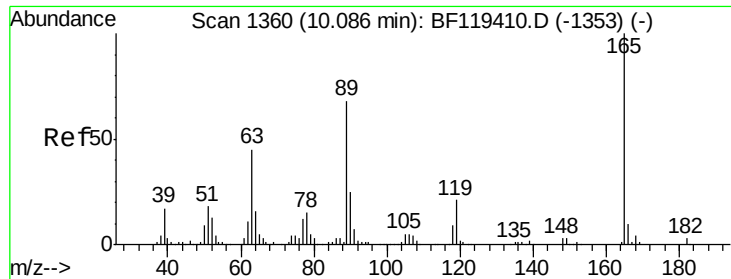
mohammad
4/6/2020 1:38:48 PM



#56
4-Nitrophenol
Concen: 93.940 ng
RT: 9.97 min Scan# 1341
Delta R.T. 0.01 min
Lab File: BF119724.D
Acq: 3 Apr 2020 17:29

Tgt Ion	Ratio	Lower	Upper
139	100		
109	60.9	43.3	83.3
65	103.9	91.0	131.0





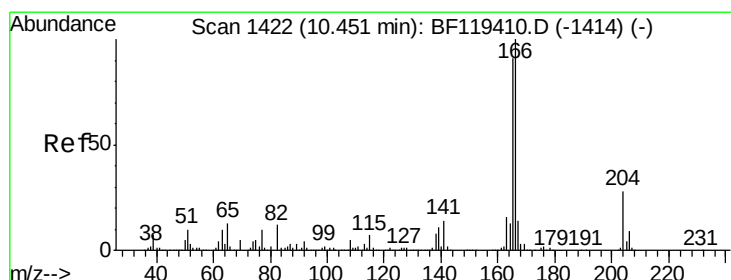
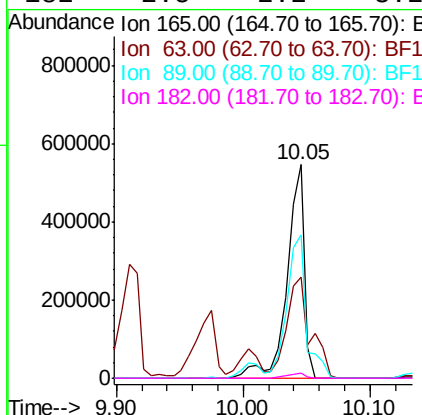
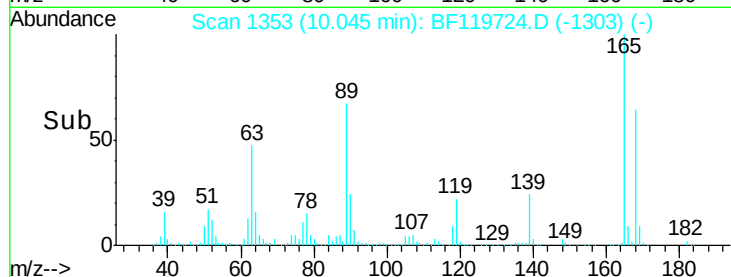
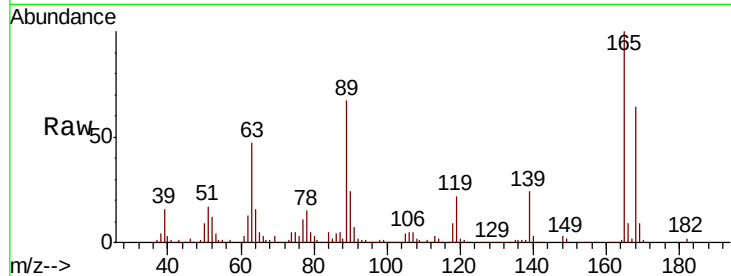
#57
 2,4-Dinitrotoluene
 Concen: 63.355 ng
 RT: 10.05 min Scan# 1353
 Delta R.T. -0.01 min
 Lab File: BF119724.D
 Acq: 3 Apr 2020 17:29

Instrument :
 BNA_F
 ClientSampleId :
 239-WC-S-SB-01MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		519031		
63	47.1	42.6	64.0		
89	67.0	61.0	91.4		
182	2.5	2.2	3.2		

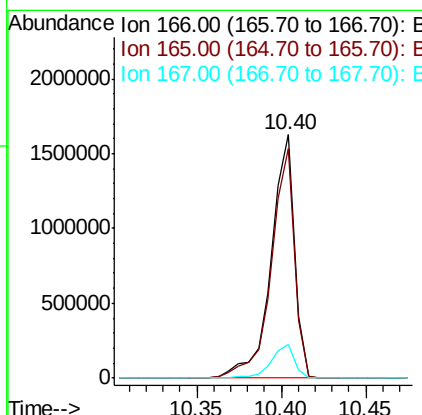
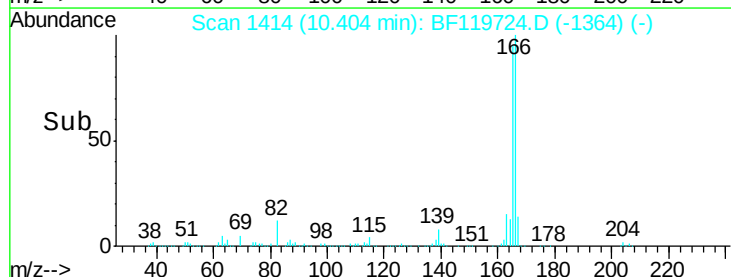
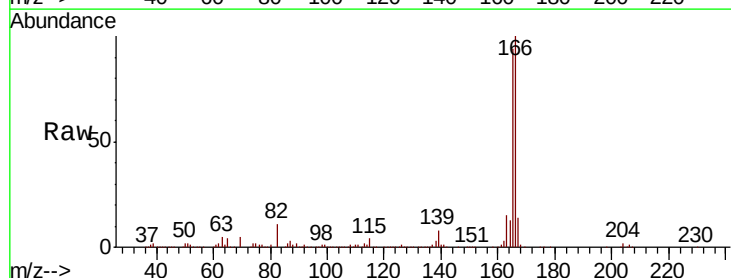
Manual Integrations
 APPROVED

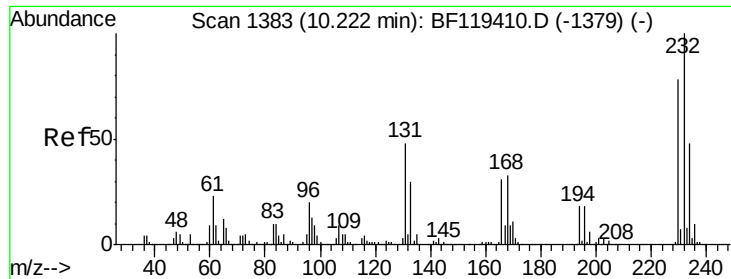
mohammad
 4/6/2020 1:38:48 PM



#58
 Fluorene
 Concen: 54.519 ng
 RT: 10.40 min Scan# 1414
 Delta R.T. -0.01 min
 Lab File: BF119724.D
 Acq: 3 Apr 2020 17:29

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		1542085		
165	94.5	75.4	113.2		
167	13.9	11.2	16.8		





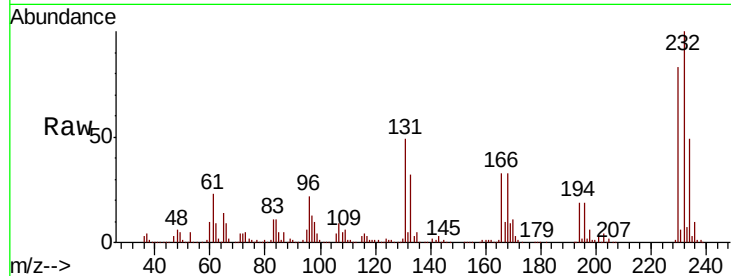
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 55.167 ng
 RT: 10.17 min Scan# 1375
 Delta R.T. -0.01 min
 Lab File: BF119724.D
 Acq: 3 Apr 2020 17:29

Instrument :
 BNA_F
 ClientSampleId :
 239-WC-S-SB-01MS

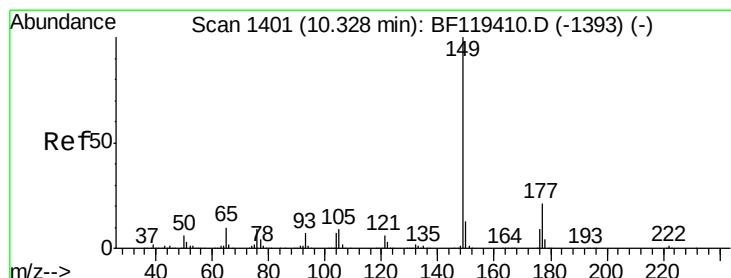
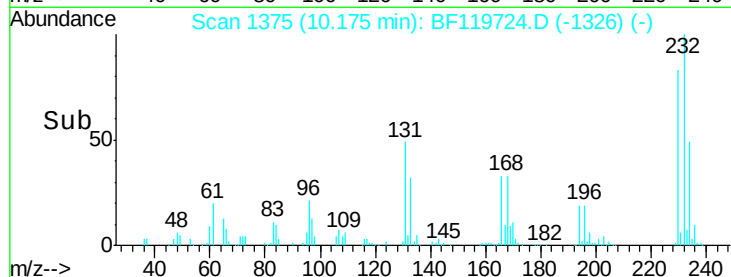
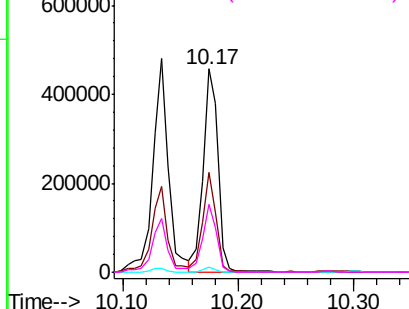
Tot Ion	Ratio	Lower	Upper
232	100		
131	44.5	37.5	56.3
130	2.1	1.8	2.6
166	30.9	24.6	36.8

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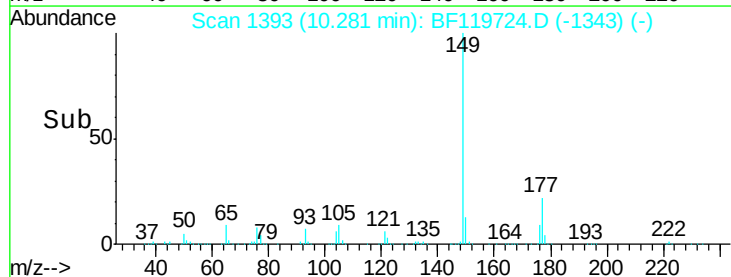
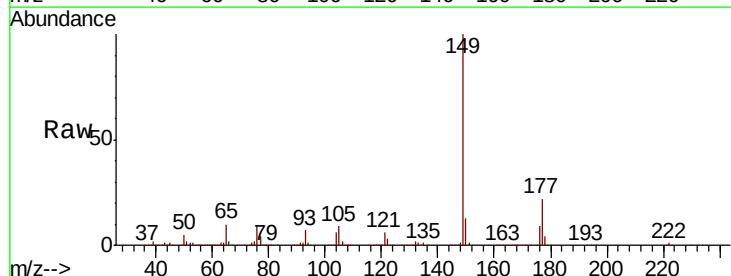
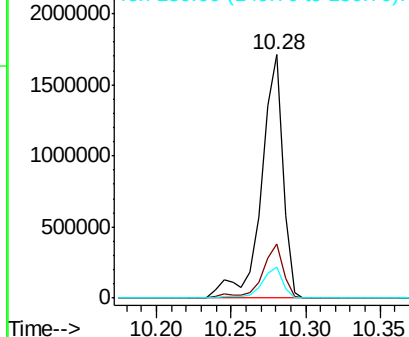
Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

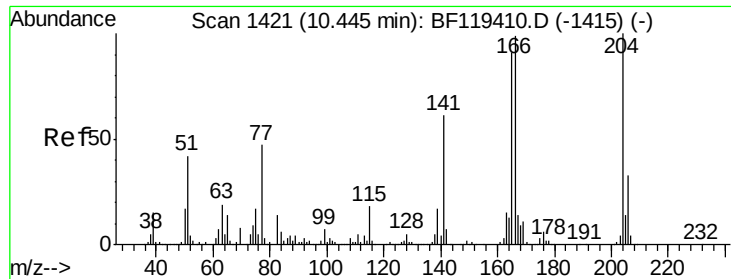


#60
 Diethylphthalate
 Concen: 55.206 ng
 RT: 10.28 min Scan# 1393
 Delta R.T. -0.01 min
 Lab File: BF119724.D
 Acq: 3 Apr 2020 17:29

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.4	17.0	25.6
150	12.9	10.1	15.1

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





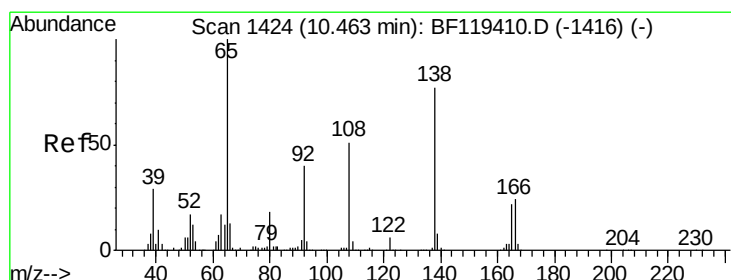
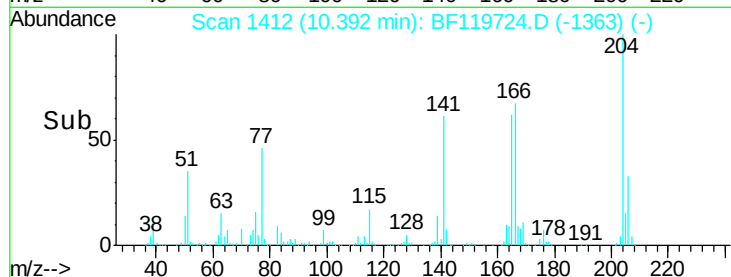
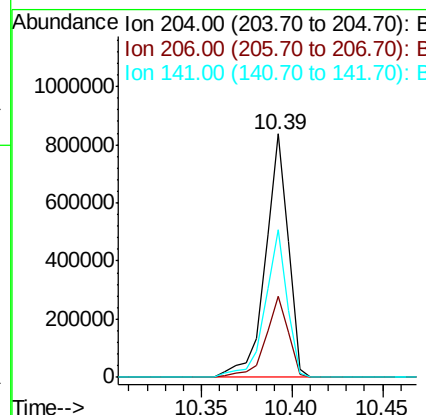
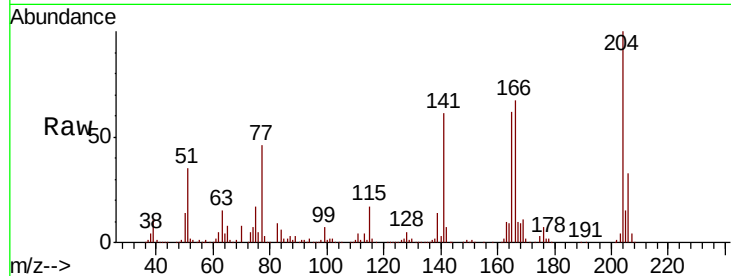
#61
4-Chlorophenyl-phenylether
Concen: 52.882 ng
RT: 10.39 min Scan# 1412
Delta R.T. -0.01 min
Lab File: BF119724.D
Acq: 3 Apr 2020 17:29

Instrument :
BNA_F
ClientSampleId :
239-WC-S-SB-01MS

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.3	26.7	40.1
141	60.9	47.3	70.9

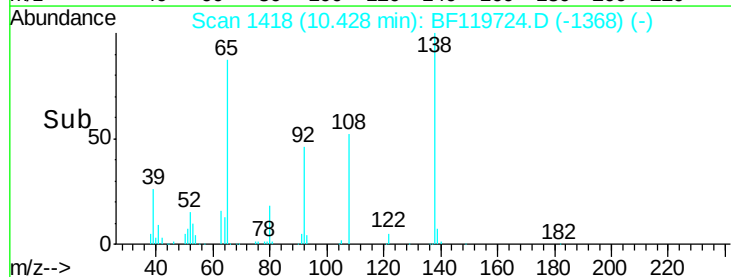
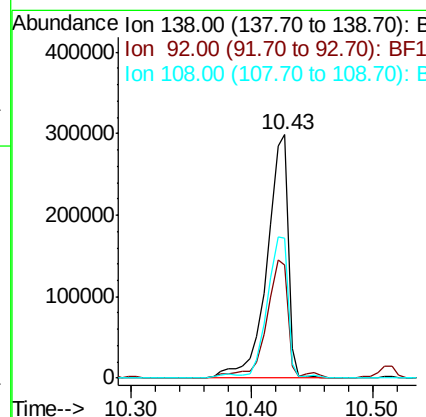
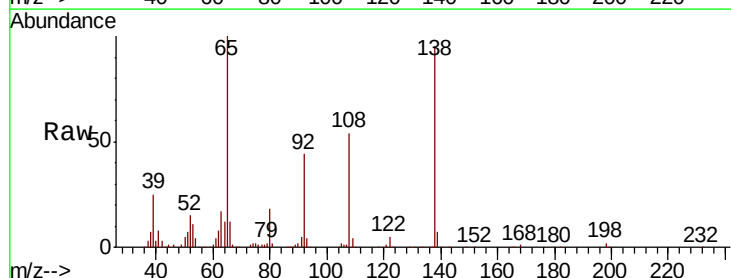
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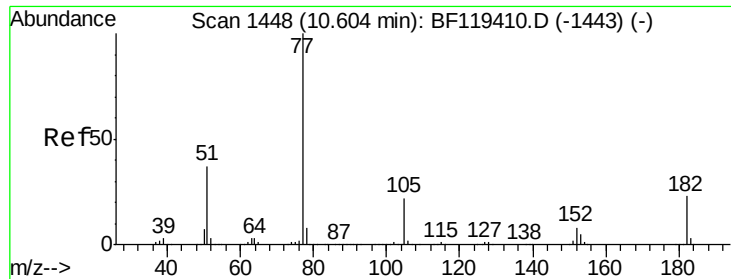
mohammad
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#62
4-Nitroaniline
Concen: 46.834 ng
RT: 10.43 min Scan# 1418
Delta R.T. -0.01 min
Lab File: BF119724.D
Acq: 3 Apr 2020 17:29

Tgt Ion	Ratio	Lower	Upper
138	100		
92	46.6	31.5	71.5
108	57.3	45.8	85.8





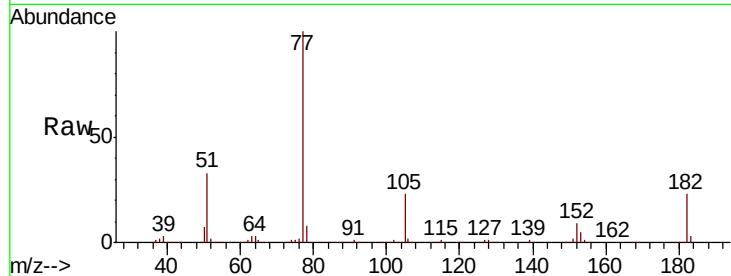
#63
Azobenzene
Concen: 51.587 ng
RT: 10.55 min Scan# 1439
Delta R.T. -0.01 min
Lab File: BF119724.D
Acq: 3 Apr 2020 17:29

Instrument :
BNA_F
ClientSampleId :
239-WC-S-SB-01MS

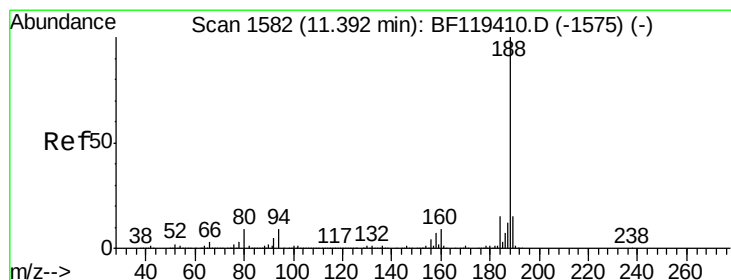
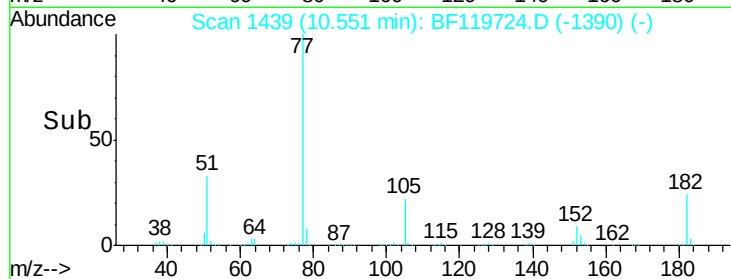
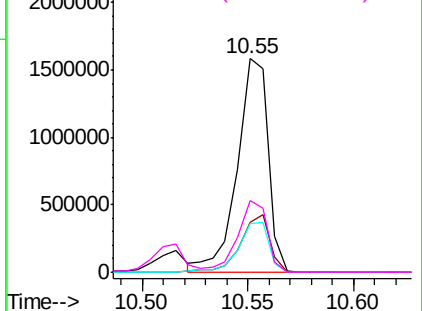
Tot Ion	77	Resp	1599721
Ion	Ratio	Lower	Upper
77	100		
182	23.5	4.4	44.4
105	22.7	2.6	42.6
51	33.4	15.1	55.1

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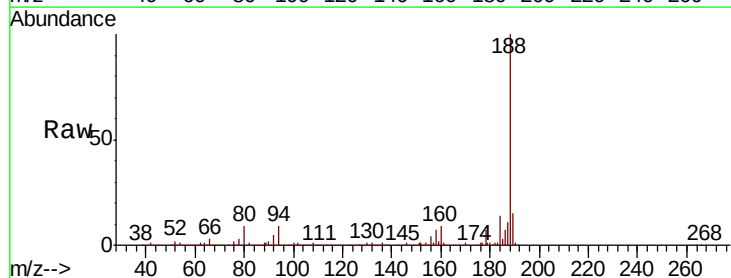


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): BF1
Ion 105.00 (104.70 to 105.70): BF1
Ion 51.00 (50.70 to 51.70): BF1

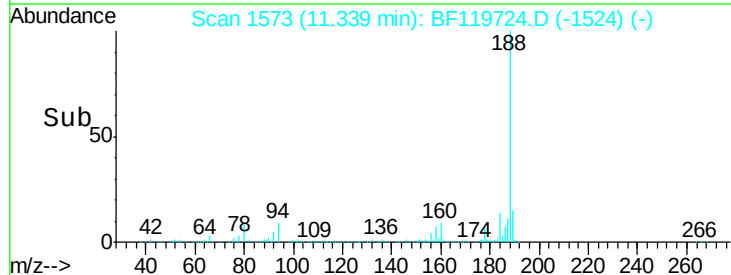
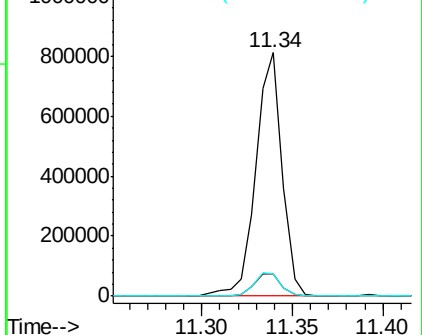


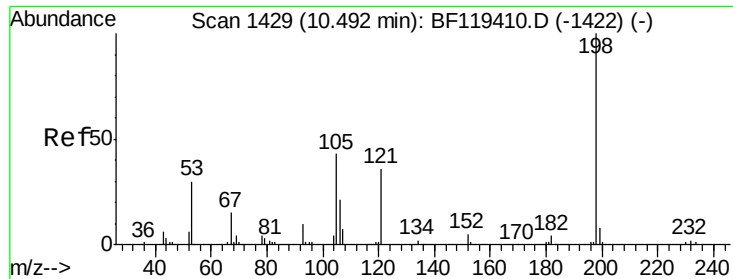
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.34 min Scan# 1573
Delta R.T. -0.01 min
Lab File: BF119724.D
Acq: 3 Apr 2020 17:29

Tgt Ion	188	Resp	813773
Ion	Ratio	Lower	Upper
188	100		
94	9.1	7.5	11.3
80	9.1	9.0	13.4



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





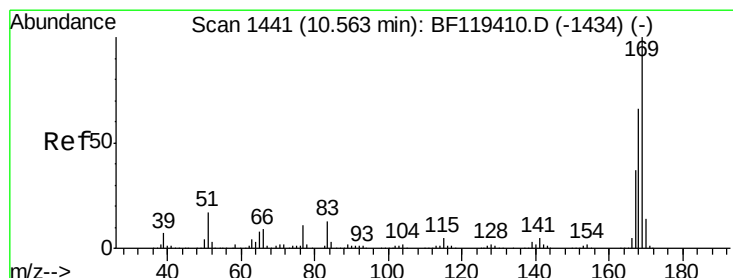
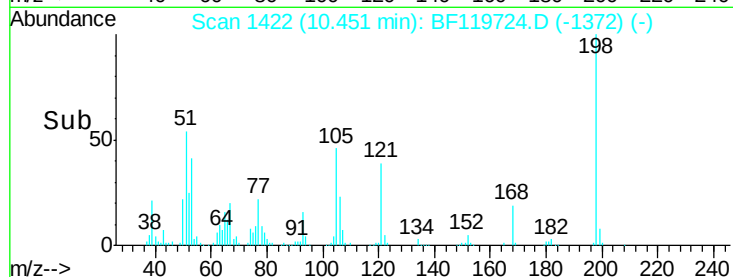
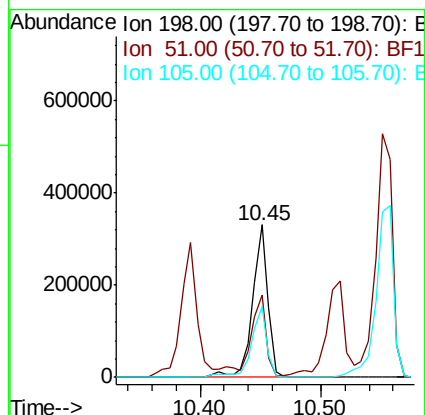
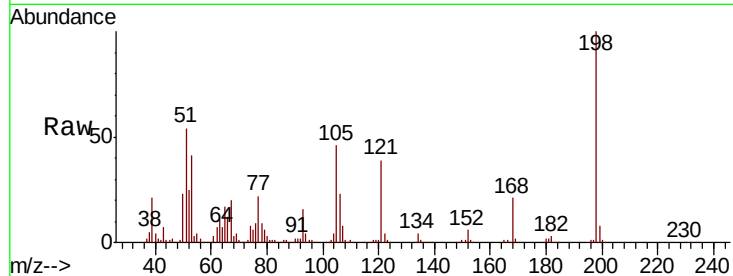
#65
 4,6-Dinitro-2-methylphenol
 Concen: 86.090 ng
 RT: 10.45 min Scan# 1422
 Delta R.T. -0.01 min
 Lab File: BF119724.D
 Acq: 3 Apr 2020 17:29

Instrument :
 BNA_F
 ClientSampleId :
 239-WC-S-SB-01MS

Tot Ion	Ratio	Resp	Lower	Upper
198	100	293772		
51	54.1	29.0	69.0	
105	46.1	22.2	62.2	

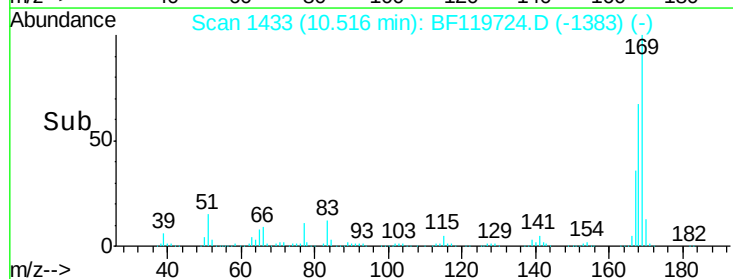
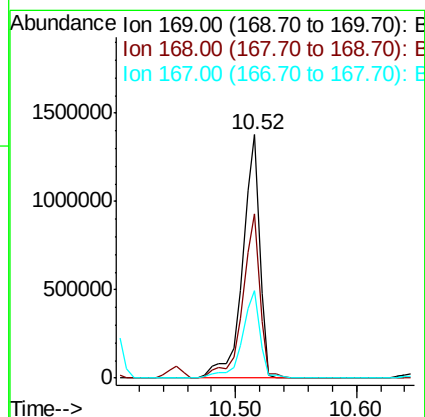
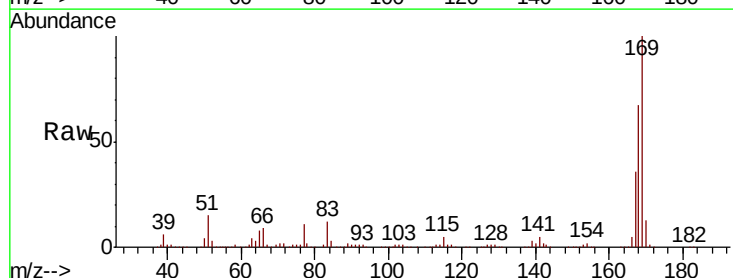
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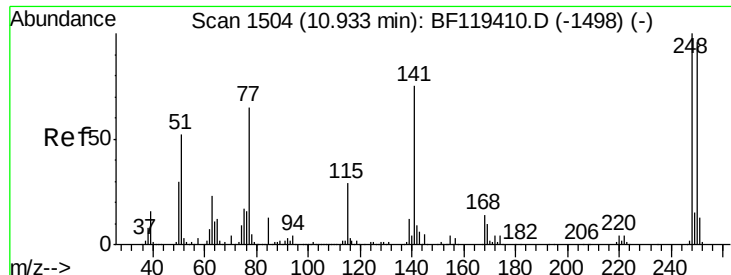
mohammad
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#66
 n-Nitrosodiphenylamine
 Concen: 51.042 ng
 RT: 10.52 min Scan# 1433
 Delta R.T. -0.01 min
 Lab File: BF119724.D
 Acq: 3 Apr 2020 17:29

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	1363578		
168	67.4	53.2	79.8	
167	36.1	29.1	43.7	





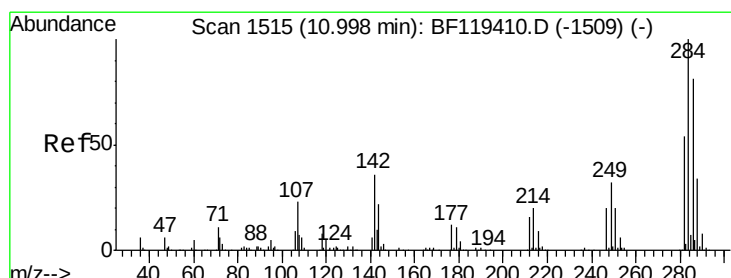
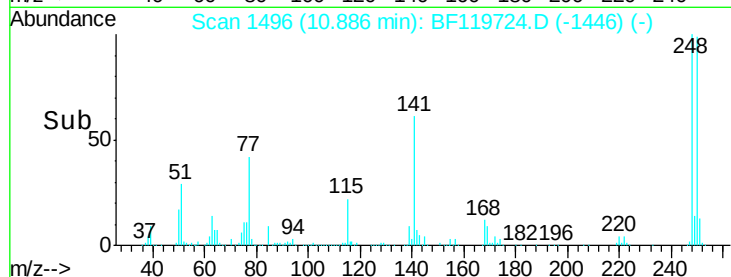
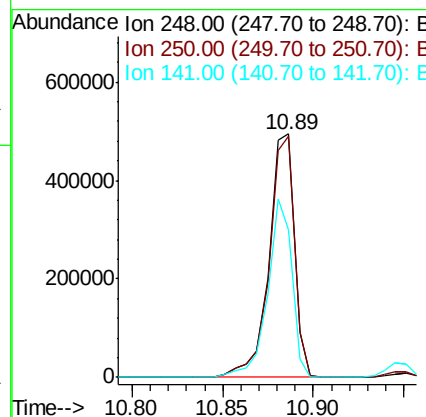
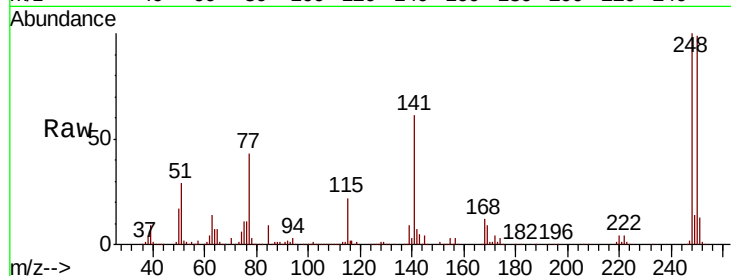
#67
 4-Bromophenyl-phenylether
 Concen: 52.742 ng
 RT: 10.89 min Scan# 1496
 Delta R.T. -0.01 min
 Lab File: BF119724.D
 Acq: 3 Apr 2020 17:29

Instrument :
 BNA_F
 ClientSampleId :
 239-WC-S-SB-01MS

Tot Ion:	248	Resp:	488802
Ion Ratio	Lower	Upper	
248	100		
250	99.2	77.3	115.9
141	60.5	58.6	87.8

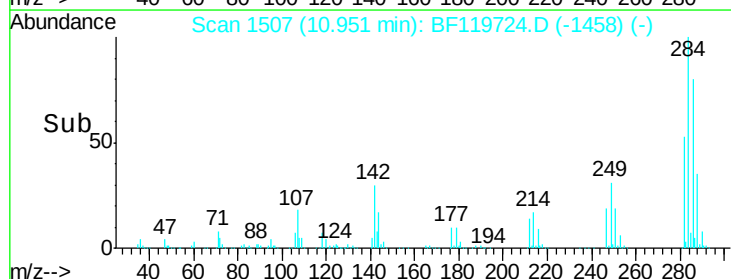
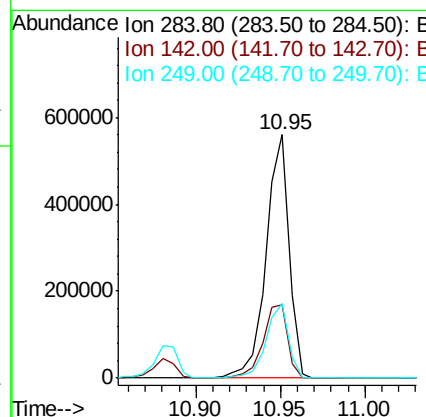
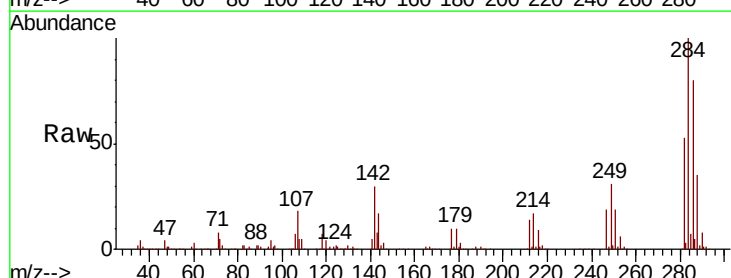
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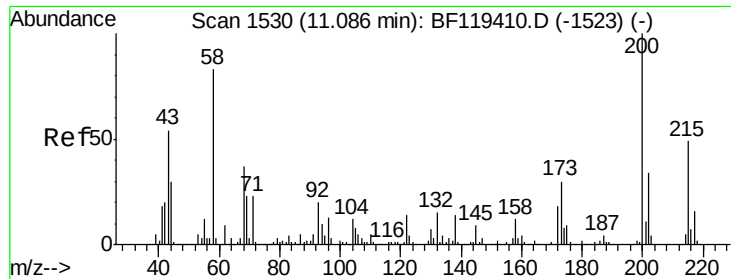
mohammad
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#68
 Hexachlorobenzene
 Concen: 55.835 ng
 RT: 10.95 min Scan# 1507
 Delta R.T. -0.01 min
 Lab File: BF119724.D
 Acq: 3 Apr 2020 17:29

Tgt Ion:	284	Resp:	529621
Ion Ratio	Lower	Upper	
284	100		
142	30.0	29.2	43.8
249	30.7	25.1	37.7





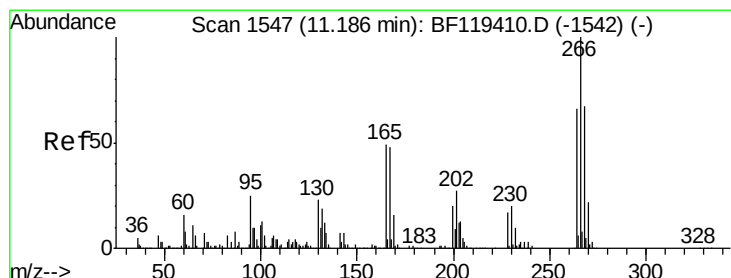
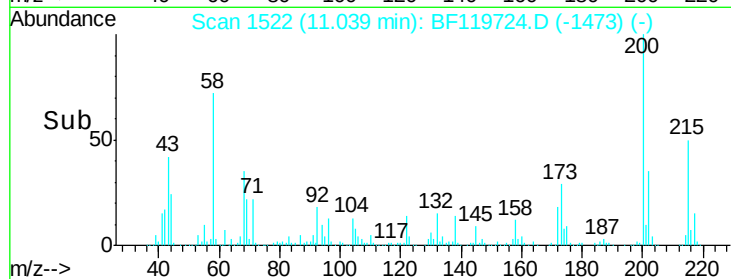
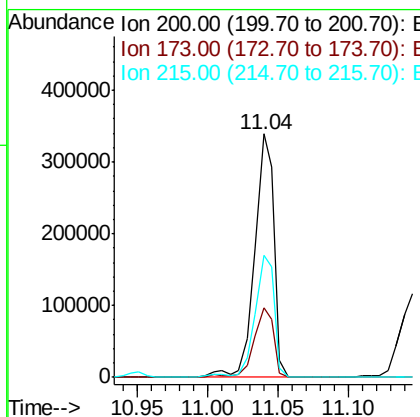
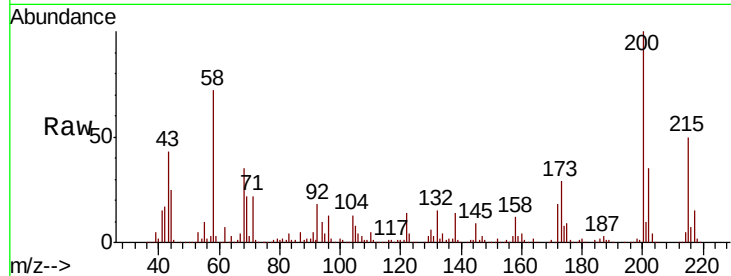
#69
 Atrazine
 Concen: 44.718 ng
 RT: 11.04 min Scan# 1522
 Delta R.T. -0.01 min
 Lab File: BF119724.D
 Acq: 3 Apr 2020 17:29

Instrument :
 BNA_F
 ClientSampleId :
 239-WC-S-SB-01MS

Tot Ion	Ratio	Lower	Upper
200	100		
173	28.7	9.3	49.3
215	49.9	29.5	69.5

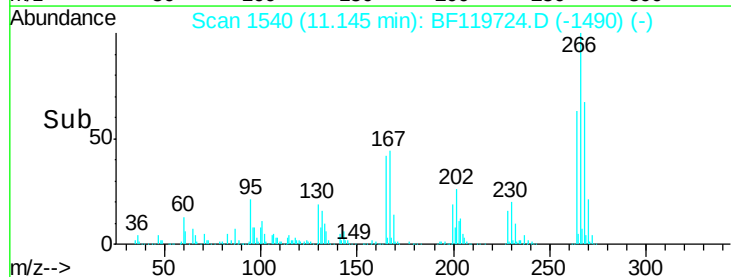
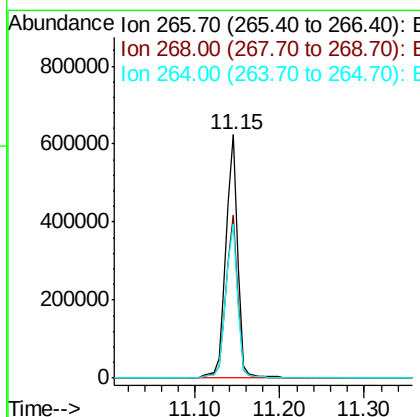
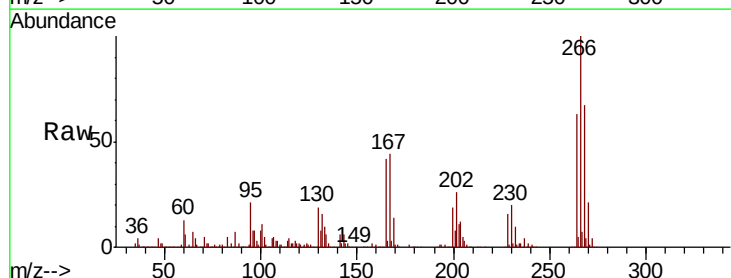
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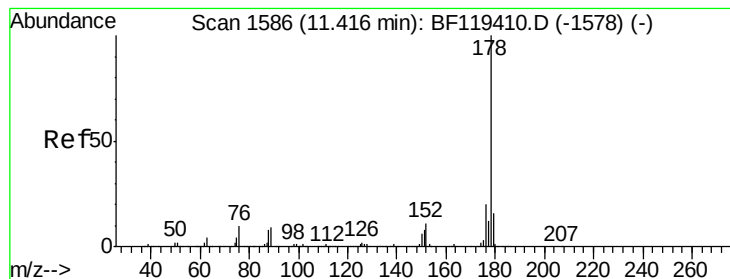
mohammad
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#70
 Pentachlorophenol
 Concen: 109.445 ng
 RT: 11.15 min Scan# 1540
 Delta R.T. -0.01 min
 Lab File: BF119724.D
 Acq: 3 Apr 2020 17:29

Tgt Ion	Ratio	Lower	Upper
266	100		
268	67.0	53.3	79.9
264	63.2	49.0	73.4





#71

Phenanthrene

Concen: 54.581 ng

RT: 11.36 min Scan# 1577

Delta R.T. -0.01 min

Lab File: BF119724.D

Acq: 3 Apr 2020 17:29

Instrument :

BNA_F

ClientSampleId :

239-WC-S-SB-01MS

Tot Ion:178 Resp: 2303104

Ion Ratio Lower Upper

178 100

176 20.1 16.2 24.4

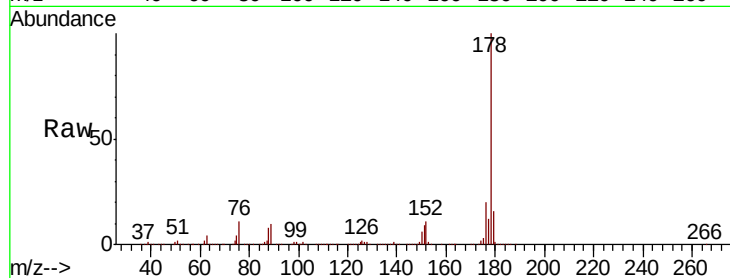
179 16.5 13.2 19.8

Manual Integrations

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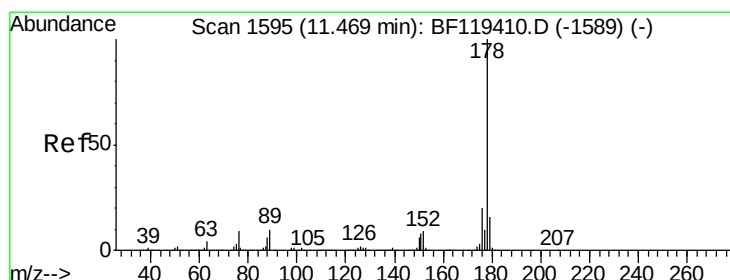
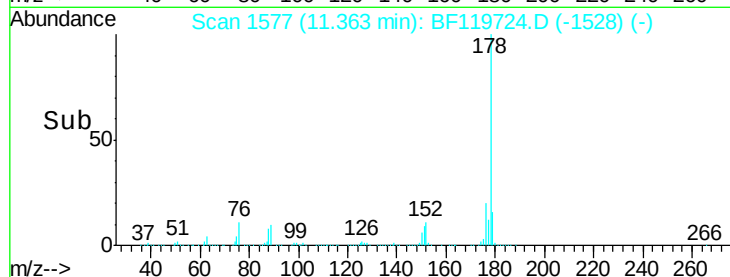
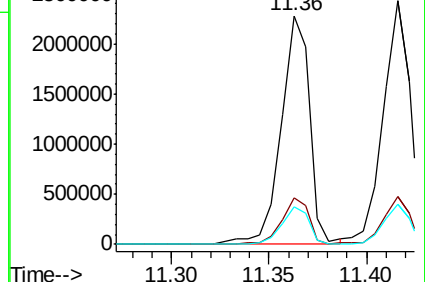
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 53.703 ng

RT: 11.42 min Scan# 1586

Delta R.T. -0.01 min

Lab File: BF119724.D

Acq: 3 Apr 2020 17:29

Tgt Ion:178 Resp: 2303095

Ion Ratio Lower Upper

178 100

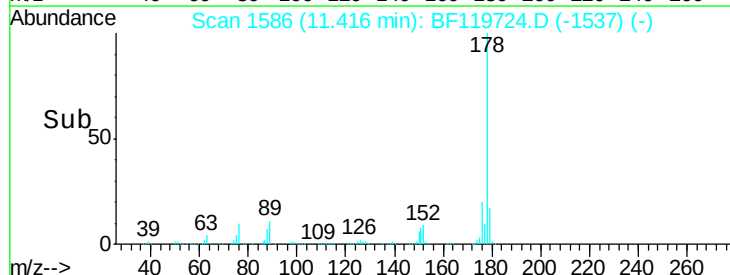
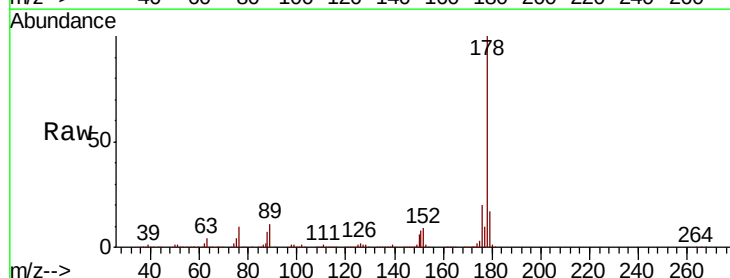
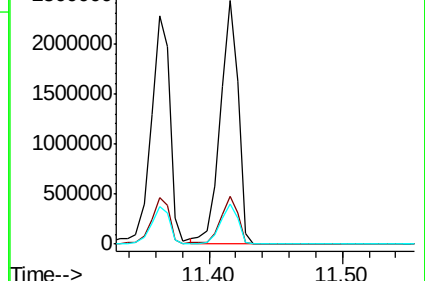
176 19.6 16.1 24.1

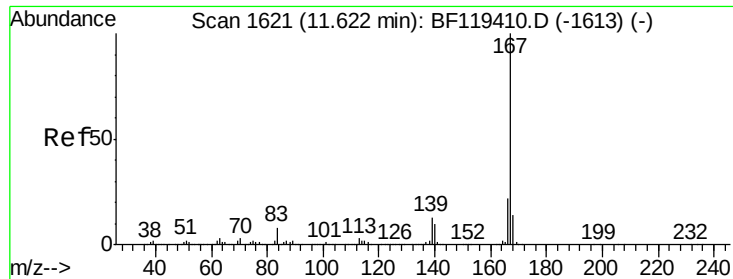
179 16.6 13.0 19.4

Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





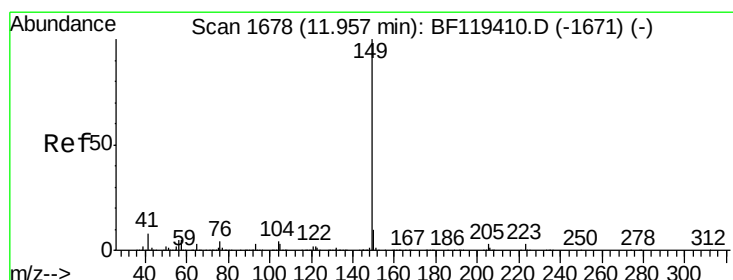
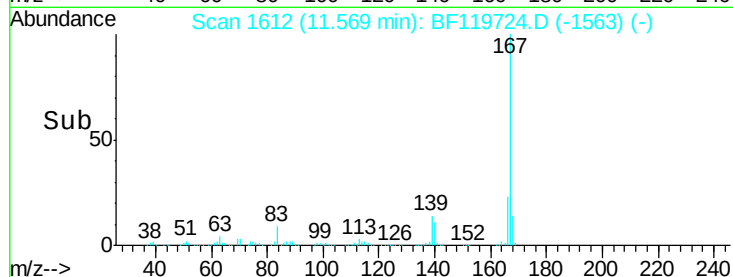
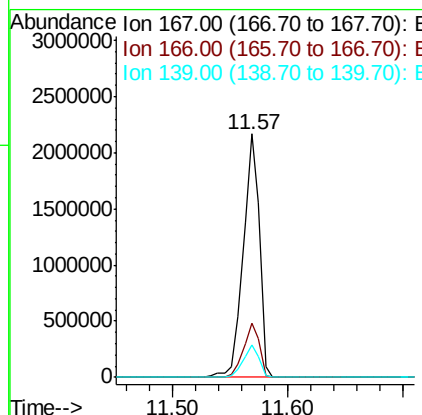
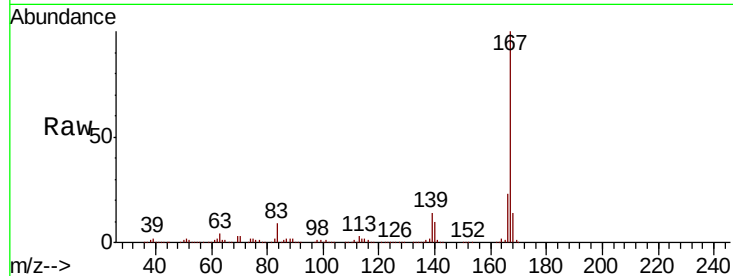
#73
 Carbazole
 Concen: 49.710 ng
 RT: 11.57 min Scan# 1612
 Delta R.T. -0.01 min
 Lab File: BF119724.D
 Acq: 3 Apr 2020 17:29

Instrument :
 BNA_F
 ClientSampleId :
 239-WC-S-SB-01MS

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.5	18.2	27.4
139	13.6	10.7	16.1

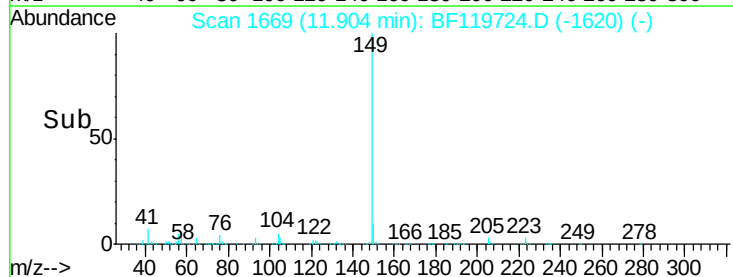
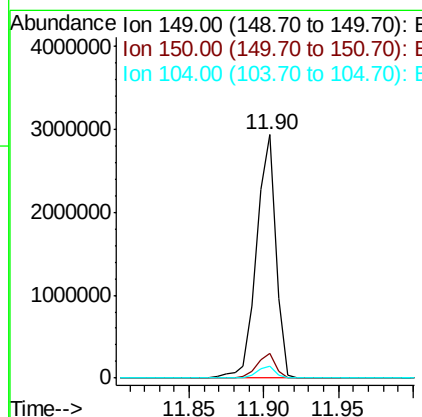
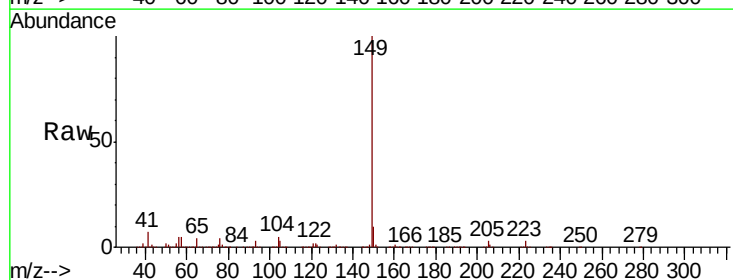
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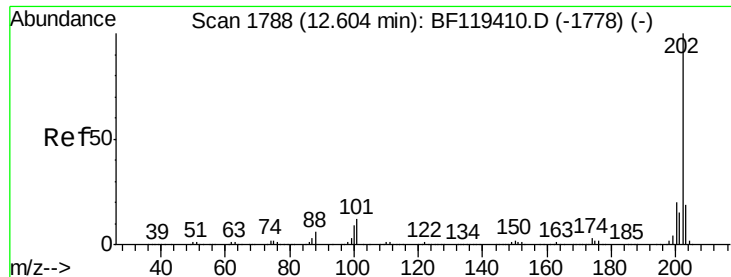
mohammad
 4/6/2020 1:38:48 PM



#74
 Di-n-butylphthalate
 Concen: 57.250 ng
 RT: 11.90 min Scan# 1669
 Delta R.T. -0.01 min
 Lab File: BF119724.D
 Acq: 3 Apr 2020 17:29

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.0	7.8	11.8
104	4.7	3.6	5.4





#75

Fluoranthene

Concen: 54.126 ng

RT: 12.55 min Scan# 1779

Delta R.T. -0.01 min

Lab File: BF119724.D

Acq: 3 Apr 2020 17:29

Instrument :

BNA_F

ClientSampleId :

239-WC-S-SB-01MS

Tot Ion:202 Resp: 2471738

Ion Ratio Lower Upper

202 100

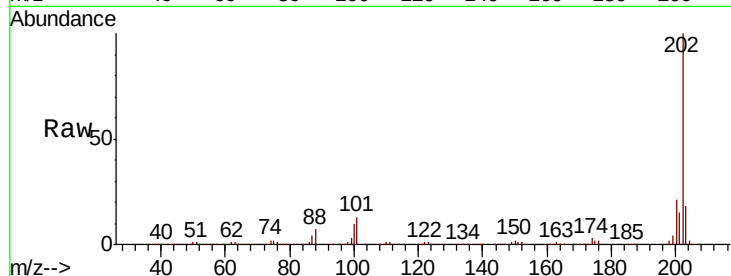
101 13.1 0.0 32.2

203 18.5 0.0 38.8

Manual Integrations
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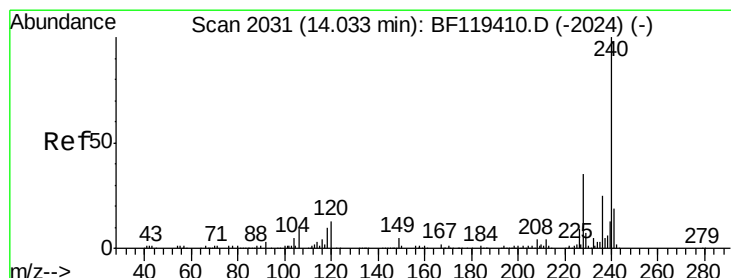
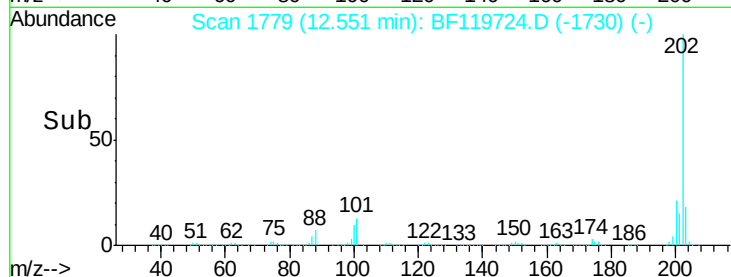
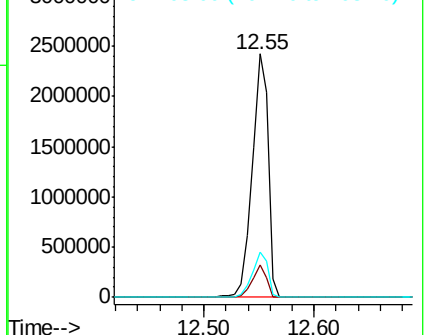
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Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.98 min Scan# 2022

Delta R.T. -0.02 min

Lab File: BF119724.D

Acq: 3 Apr 2020 17:29

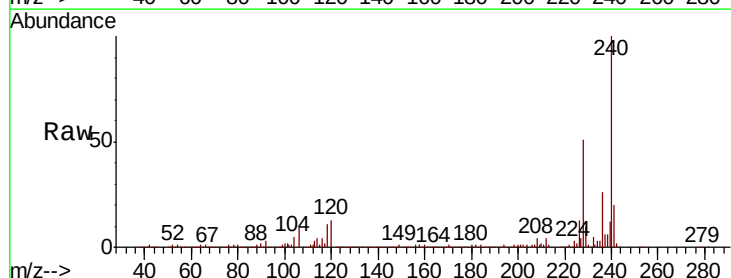
Tgt Ion:240 Resp: 581892

Ion Ratio Lower Upper

240 100

120 12.9 10.6 15.8

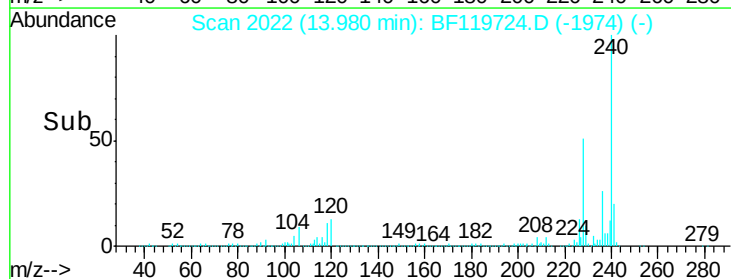
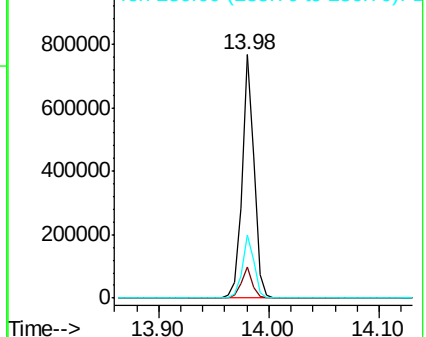
236 25.8 20.2 30.2

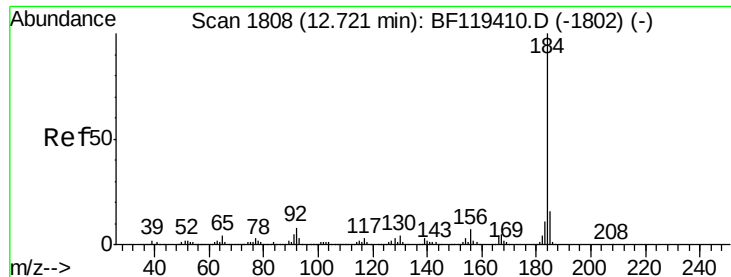


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 2.391 ng

RT: 12.67 min Scan# 1799

Delta R.T. -0.02 min

Lab File: BF119724.D

Acq: 3 Apr 2020 17:29

Instrument :

BNA_F

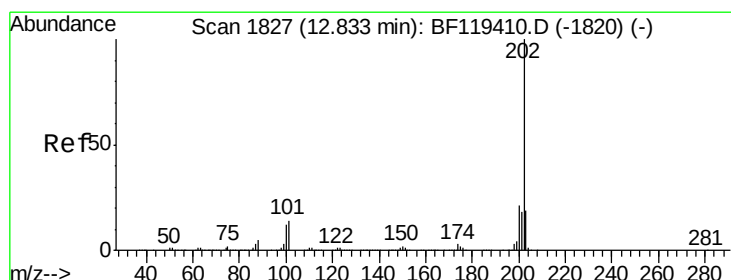
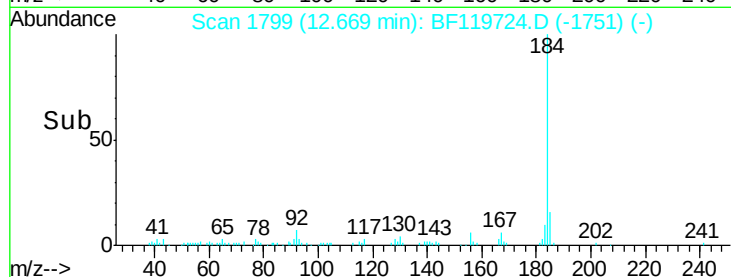
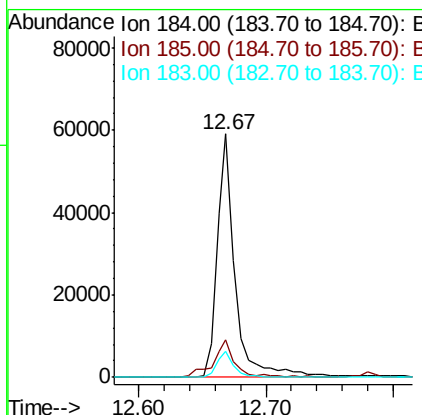
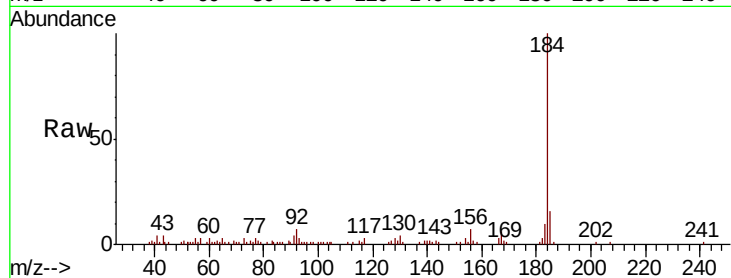
ClientSampleId :

239-WC-S-SB-01MS

Tot Ion:	184	Resp:	58869
Ion Ratio	Lower	Upper	
184	100		
185	15.6	12.3	18.5
183	10.5	9.0	13.6

Manual Integrations
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#78

Pyrene

Concen: 52.342 ng

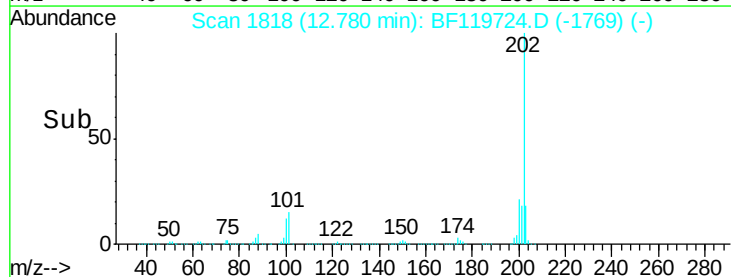
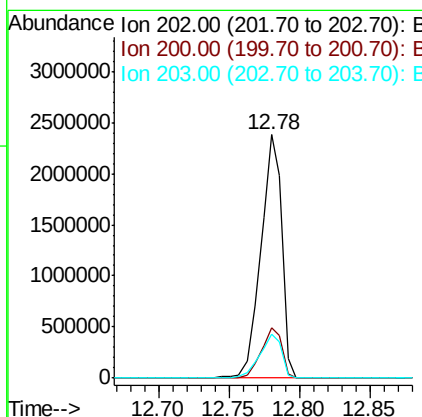
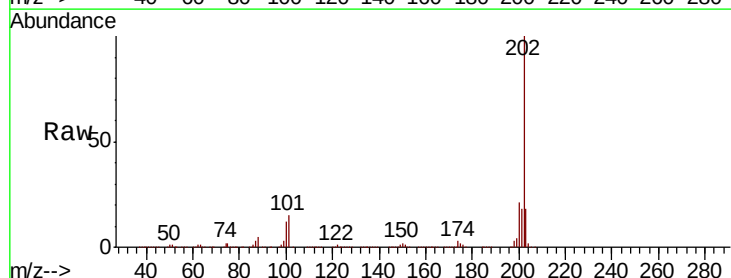
RT: 12.78 min Scan# 1818

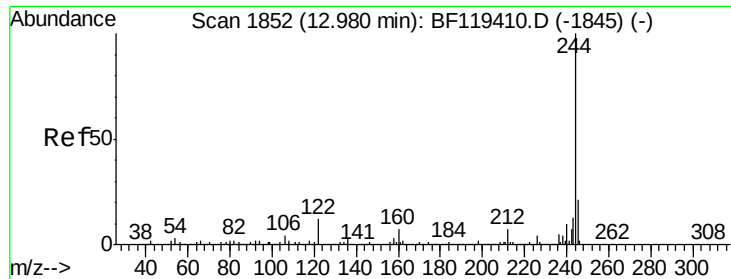
Delta R.T. -0.01 min

Lab File: BF119724.D

Acq: 3 Apr 2020 17:29

Tgt Ion:	202	Resp:	2499610
Ion Ratio	Lower	Upper	
202	100		
200	20.8	16.8	25.2
203	18.3	15.1	22.7





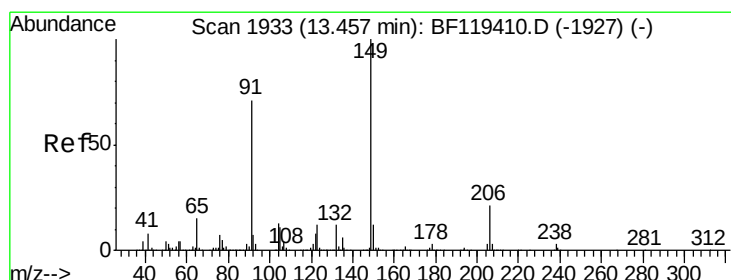
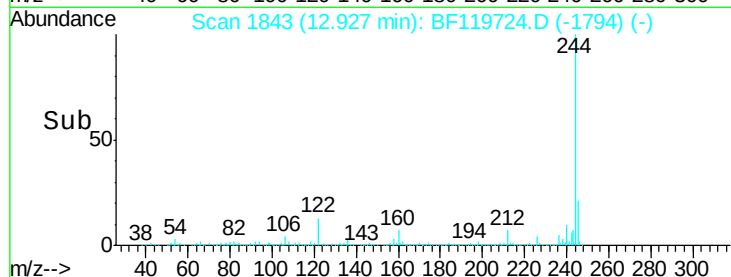
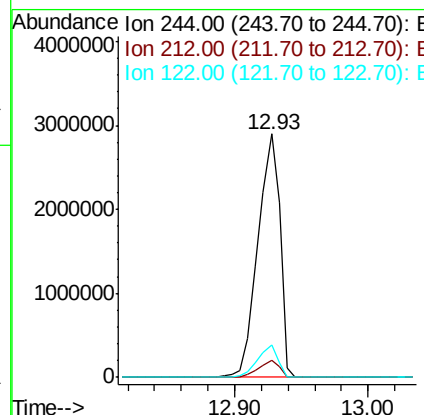
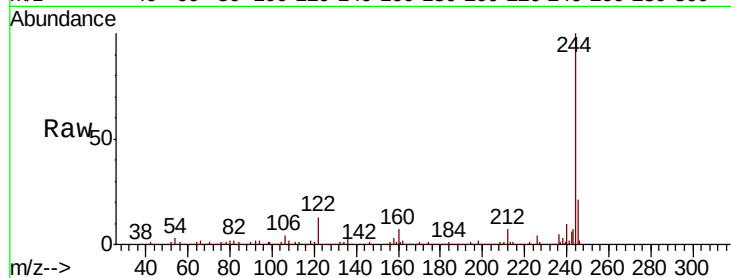
#79
 Terphenyl-d14
 Concen: 109.814 ng
 RT: 12.93 min Scan# 1843
 Delta R.T. -0.01 min
 Lab File: BF119724.D
 Acq: 3 Apr 2020 17:29

Instrument :
 BNA_F
 ClientSampleId :
 239-WC-S-SB-01MS

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.8	8.8
122	13.3	10.3	15.5

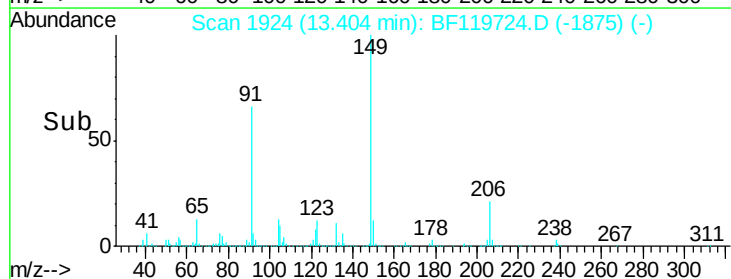
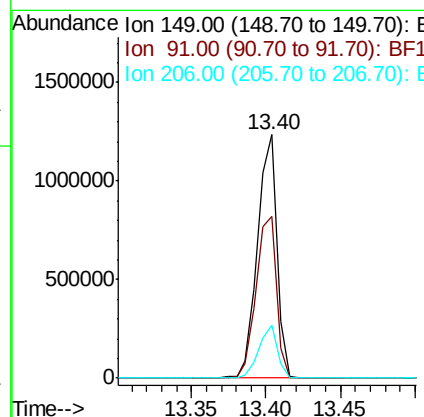
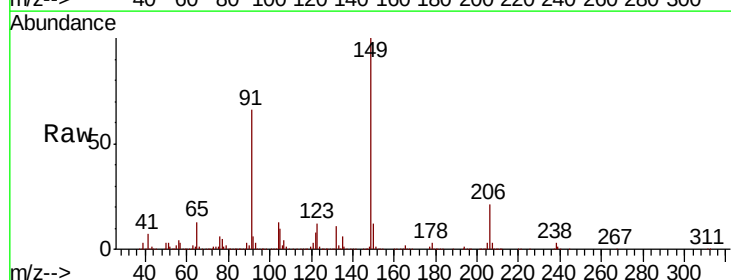
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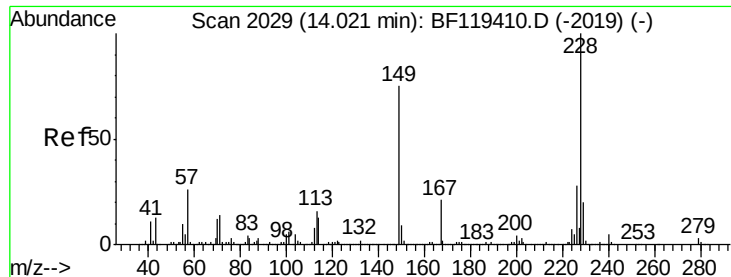
mohammad
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#80
 Butylbenzylphthalate
 Concen: 57.286 ng
 RT: 13.40 min Scan# 1924
 Delta R.T. -0.01 min
 Lab File: BF119724.D
 Acq: 3 Apr 2020 17:29

Tgt Ion	Ratio	Lower	Upper
149	100		
91	66.5	54.7	82.1
206	21.5	16.2	24.2





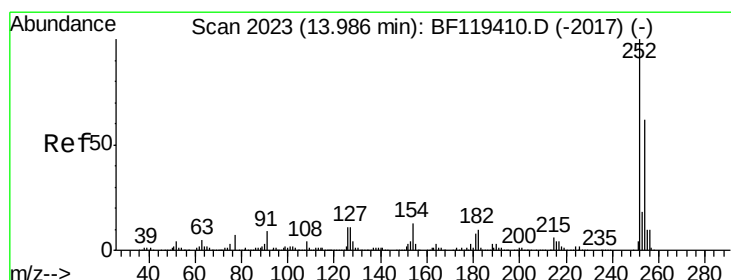
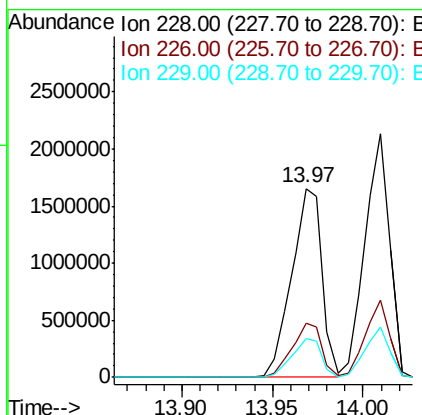
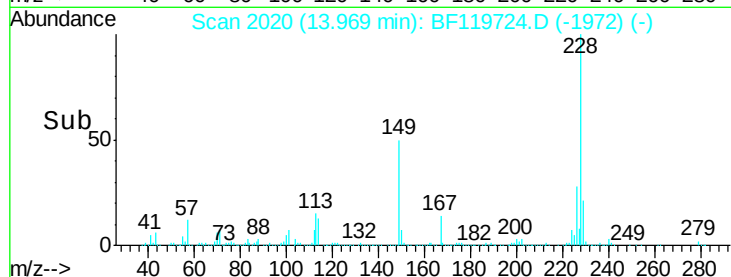
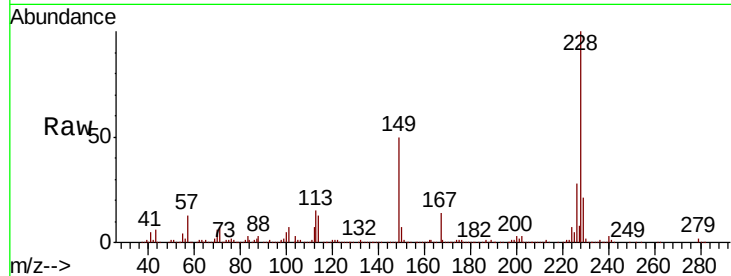
#81
Benzo(a)anthracene
Concen: 51.567 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.02 min
Lab File: BF119724.D
Acq: 3 Apr 2020 17:29

Instrument :
BNA_F
ClientSampleId :
239-WC-S-SB-01MS

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.4	21.8	32.8
229	20.8	16.2	24.4

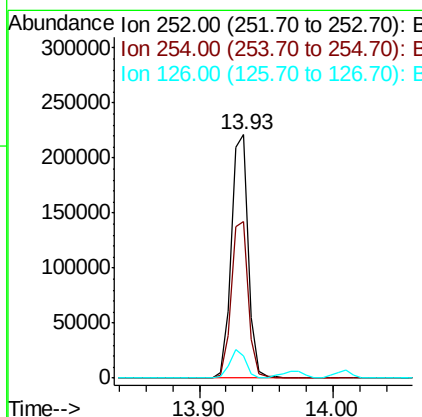
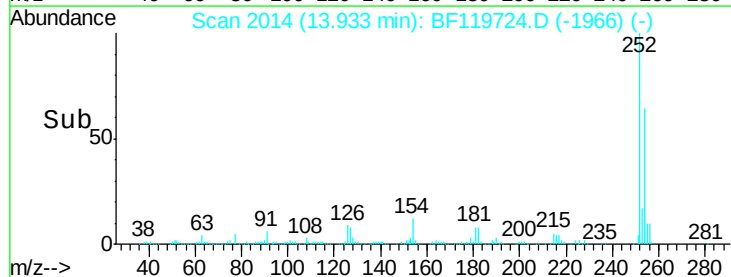
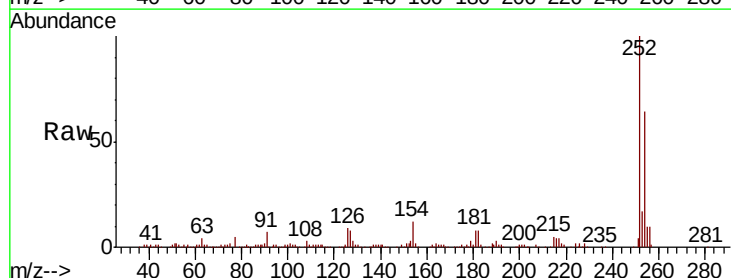
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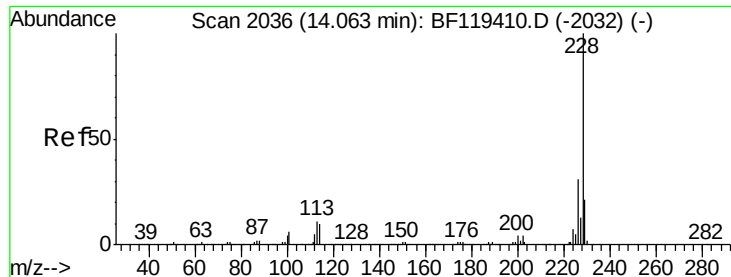
mohammad
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#82
3,3'-Dichlorobenzidine
Concen: 13.344 ng
RT: 13.93 min Scan# 2014
Delta R.T. -0.02 min
Lab File: BF119724.D
Acq: 3 Apr 2020 17:29

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.3	51.2	76.8
126	9.3	9.6	14.4





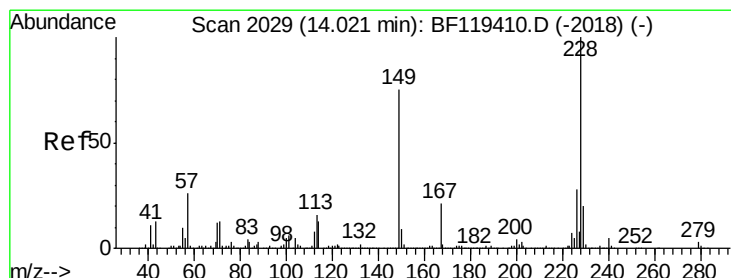
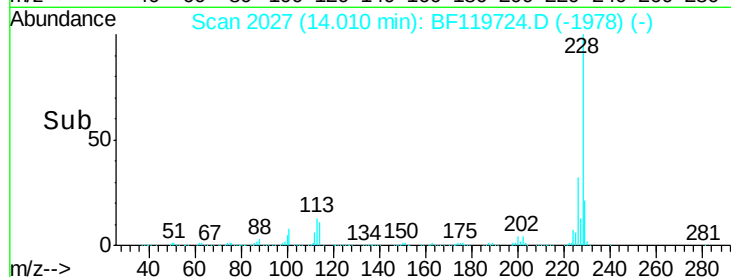
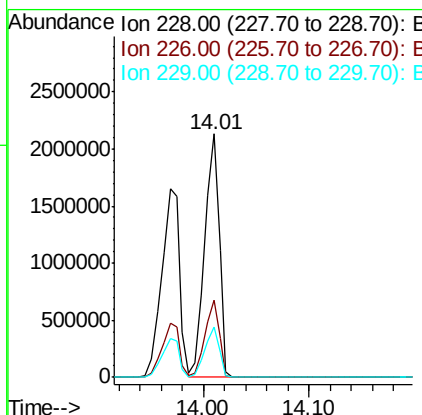
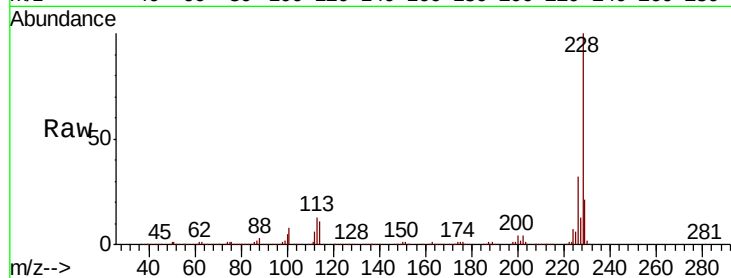
#83
 Chrysene
 Concen: 52.092 ng
 RT: 14.01 min Scan# 2027
 Delta R.T. -0.01 min
 Lab File: BF119724.D
 Acq: 3 Apr 2020 17:29

Instrument :
 BNA_F
 ClientSampleId :
 239-WC-S-SB-01MS

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.5	25.4	38.0
229	20.8	16.6	24.8

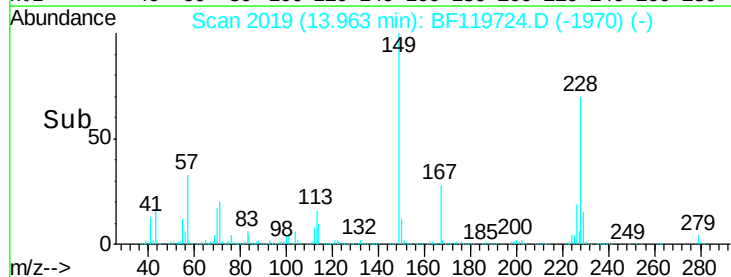
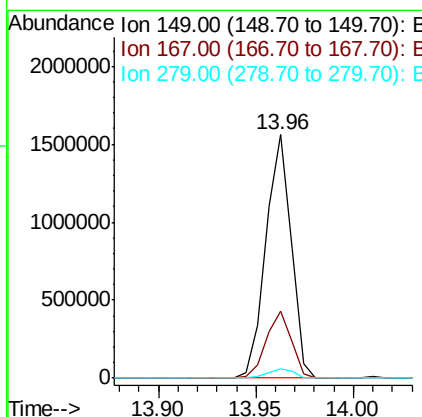
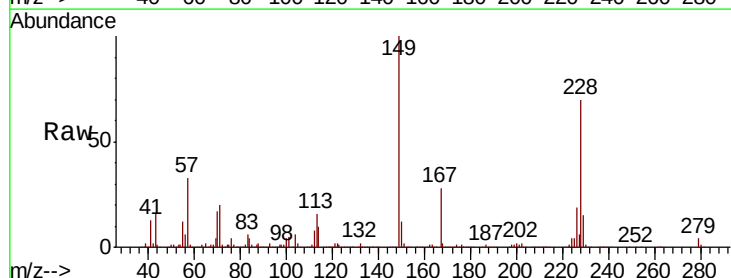
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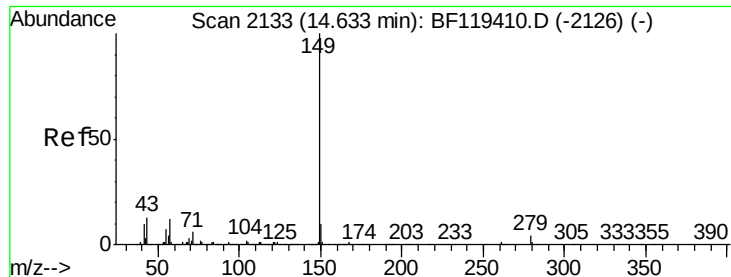
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 61.286 ng
 RT: 13.96 min Scan# 2019
 Delta R.T. -0.01 min
 Lab File: BF119724.D
 Acq: 3 Apr 2020 17:29

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.7	21.3	31.9
279	4.0	2.7	4.1





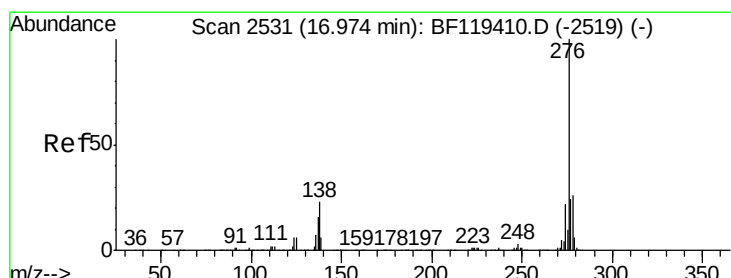
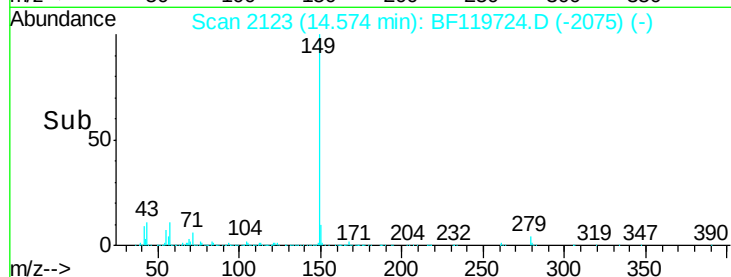
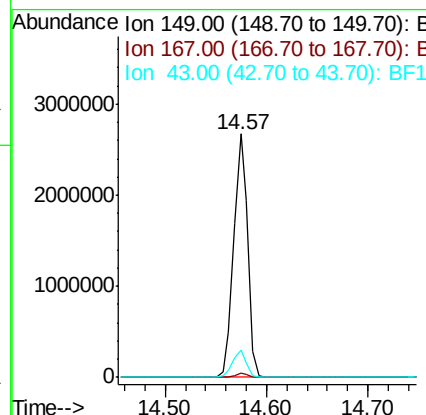
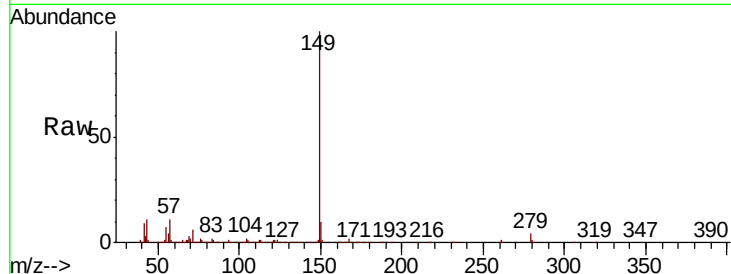
#85
Di-n-octyl phthalate
Concen: 62.931 ng
RT: 14.57 min Scan# 2123
Delta R.T. -0.02 min
Lab File: BF119724.D
Acq: 3 Apr 2020 17:29

Instrument :
BNA_F
ClientSampleId :
239-WC-S-SB-01MS

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	10.8	9.3	13.9

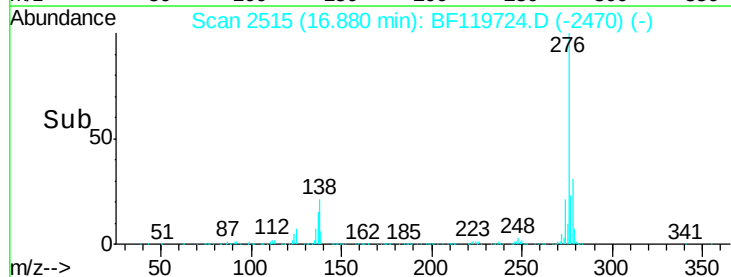
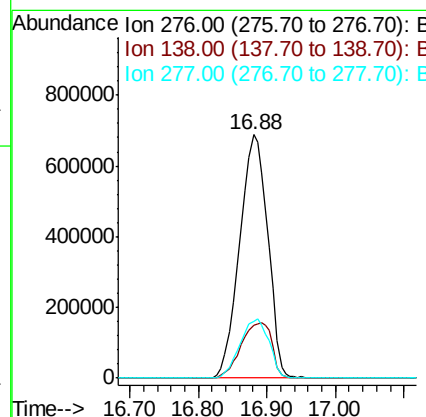
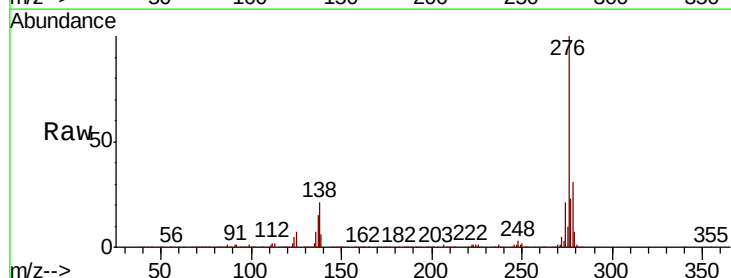
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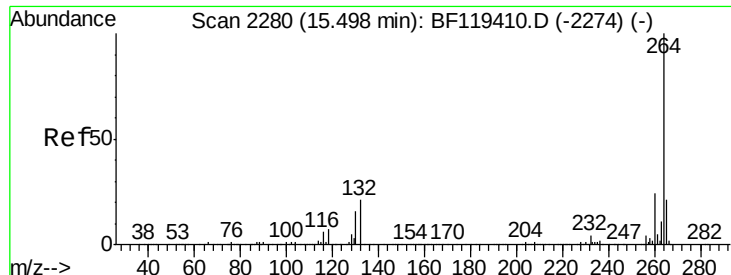
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#86
Indeno(1,2,3-cd)pyrene
Concen: 53.449 ng
RT: 16.88 min Scan# 2515
Delta R.T. -0.04 min
Lab File: BF119724.D
Acq: 3 Apr 2020 17:29

Tgt Ion	Ratio	Lower	Upper
276	100		
138	25.0	19.6	29.4
277	25.2	20.0	30.0





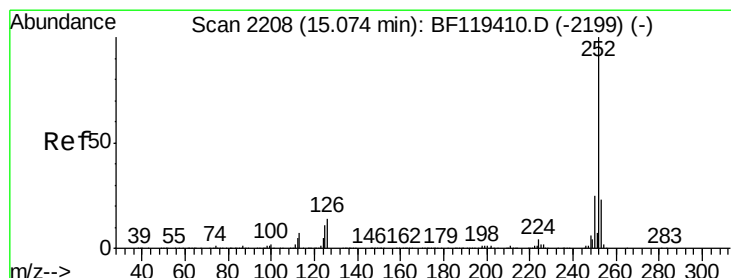
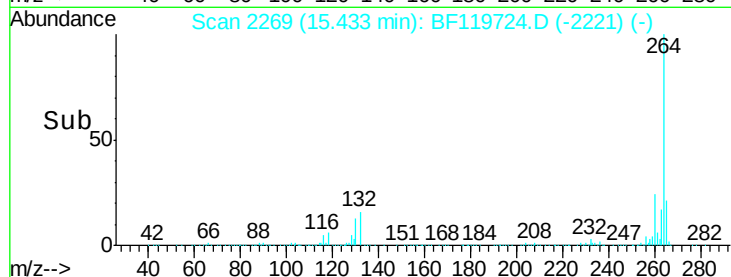
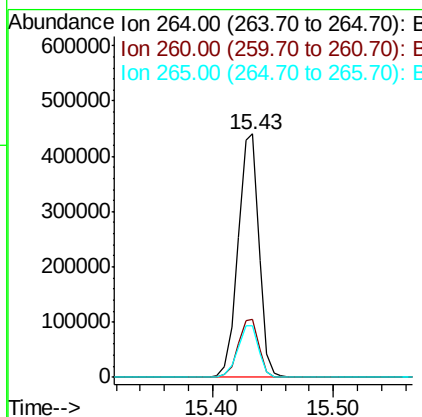
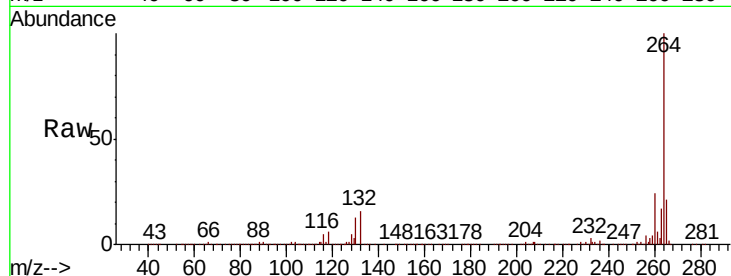
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.43 min Scan# 2269
Delta R.T. -0.02 min
Lab File: BF119724.D
Acq: 3 Apr 2020 17:29

Instrument :
BNA_F
ClientSampleId :
239-WC-S-SB-01MS

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.7	28.1
265	21.0	17.7	26.5

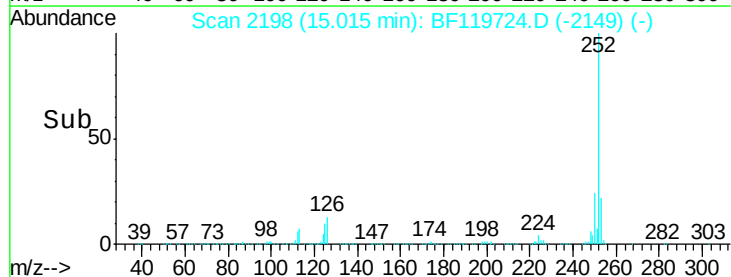
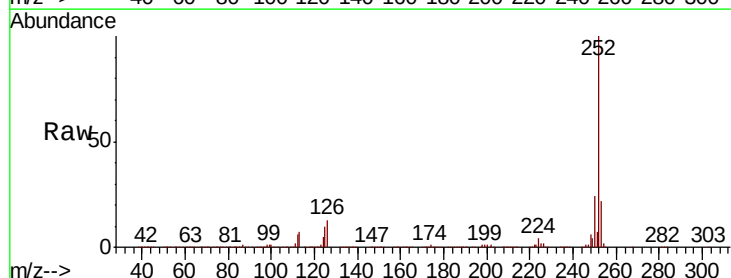
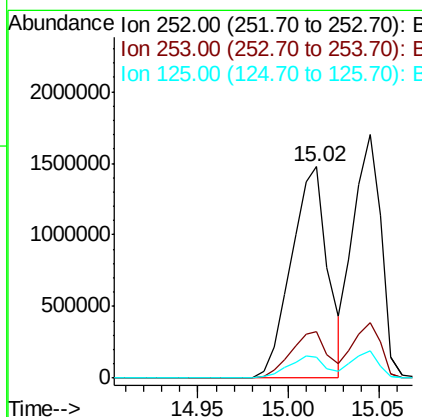
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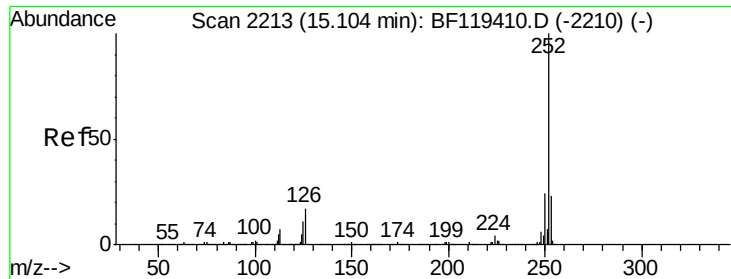
mohammad
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#88
Benzo(b)fluoranthene
Concen: 58.650 ng
RT: 15.02 min Scan# 2198
Delta R.T. -0.01 min
Lab File: BF119724.D
Acq: 3 Apr 2020 17:29

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.4	26.0
125	10.0	7.9	11.9





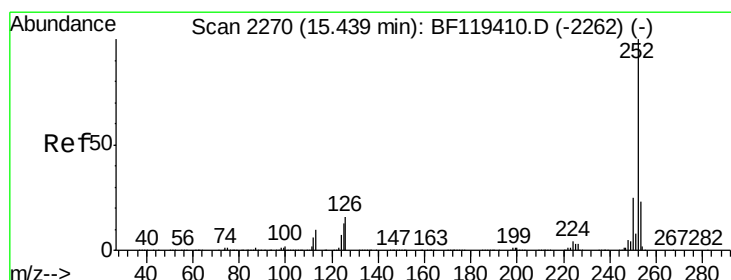
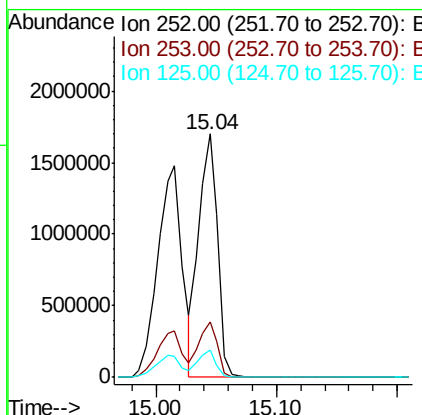
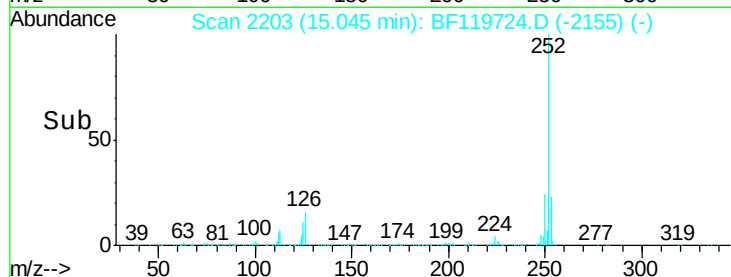
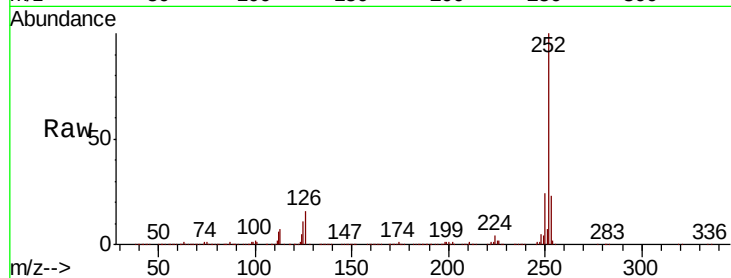
#89
Benzo(k)fluoranthene
Concen: 54.259 ng
RT: 15.04 min Scan# 2203
Delta R.T. -0.02 min
Lab File: BF119724.D
Acq: 3 Apr 2020 17:29

Instrument :
BNA_F
ClientSampleId :
239-WC-S-SB-01MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.8	26.6
125	11.1	8.4	12.6

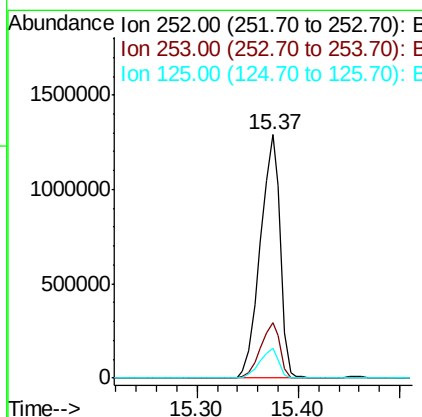
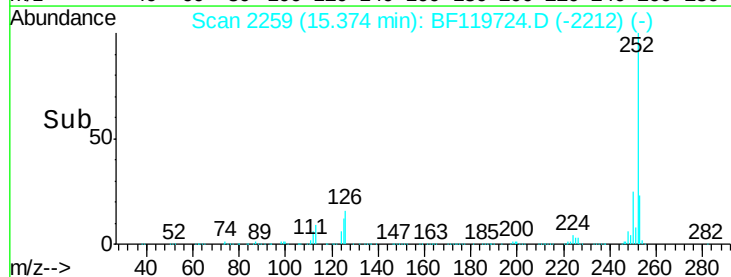
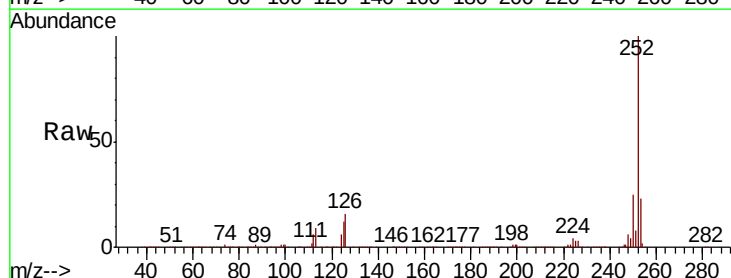
Manual Integrations
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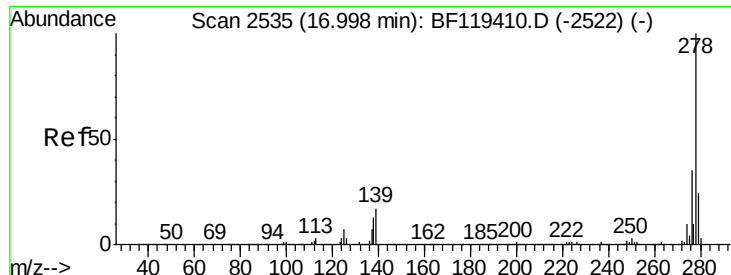
mohammad
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#90
Benzo(a)pyrene
Concen: 54.255 ng
RT: 15.37 min Scan# 2259
Delta R.T. -0.02 min
Lab File: BF119724.D
Acq: 3 Apr 2020 17:29

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.2	27.2
125	12.1	9.4	14.2





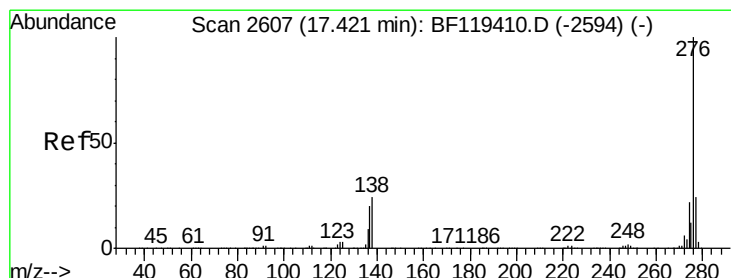
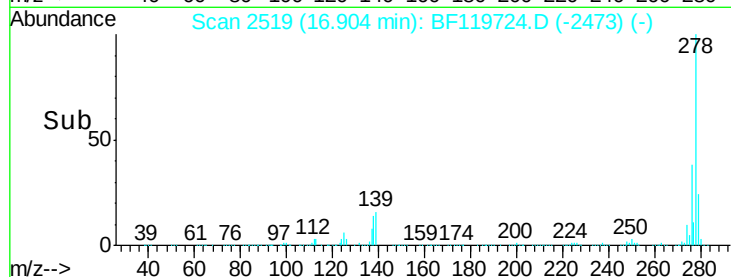
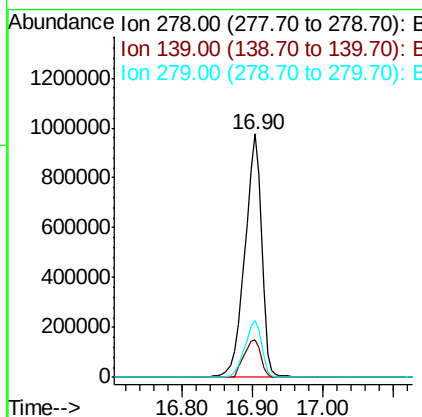
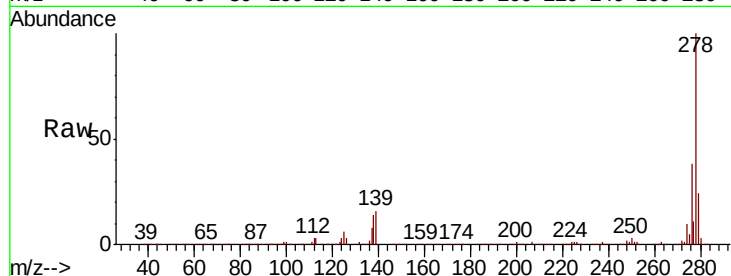
#91
Dibenzo(a,h)anthracene
Concen: 57.180 ng
RT: 16.90 min Scan# 2519
Delta R.T. -0.03 min
Lab File: BF119724.D
Acq: 3 Apr 2020 17:29

Instrument :
BNA_F
ClientSampleId :
239-WC-S-SB-01MS

Tot Ion	Ratio	Lower	Upper
278	100		
139	15.7	12.6	19.0
279	23.6	19.0	28.6

Manual Integrations
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4/6/2020 1:38:48 PM



#92
Benzo(g,h,i)perylene
Concen: 56.723 ng
RT: 17.32 min Scan# 2590
Delta R.T. -0.04 min
Lab File: BF119724.D
Acq: 3 Apr 2020 17:29

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.5	18.4	27.6
138	21.8	15.4	23.0

