

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032720\
 Data File : BF119606.D
 Acq On : 28 Mar 2020 9:35
 Operator : CG/JU
 Sample : L2049-07MS
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-5-(10-12)MS

Manual Integrations
 APPROVED

mohammad
 3/31/2020 8:14:12 AM

Quant Time: Mar 29 23:37:45 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF031820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 27 07:52:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	255789	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	991085	20.00	ng	0.00
39) Acenaphthene-d10	9.88	164	570218	20.00	ng	0.00
64) Phenanthrene-d10	11.37	188	988924	20.00	ng	0.00
76) Chrysene-d12	14.01	240	466710	20.00	ng	0.00
87) Perylene-d12	15.47	264	398544	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	1712361	106.57	ng	0.01
7) Phenol-d6	6.46	99	2153279	104.91	ng	0.00
23) Nitrobenzene-d5	7.40	82	1328541	72.85	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	608506	103.44	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	2417560	62.81	ng	0.00
79) Terphenyl-d14	12.95	244	1863162	78.21	ng	-0.01

Target Compounds					Qvalue
2) 1,4-Dioxane	2.66	88	368698	46.460 ng	99
3) Pyridine	3.39	79	992287	45.387 ng	98
4) n-Nitrosodimethylamine	3.35	42	547726	51.373 ng	98
6) Aniline	6.49	93	886487	31.293 ng	99
8) 2-Chlorophenol	6.62	128	913050	54.103 ng	98
9) Benzaldehyde	6.38	77	545611	41.902 ng	98
10) Phenol	6.47	94	1168127	53.335 ng	98
11) bis(2-Chloroethyl)ether	6.57	93	871337	49.743 ng	99
12) 1,3-Dichlorobenzene	6.77	146	915170	50.105 ng	97
13) 1,4-Dichlorobenzene	6.85	146	967766	52.971 ng	98
14) 1,2-Dichlorobenzene	7.00	146	879760	51.518 ng	100
15) Benzyl Alcohol	6.97	79	765029	49.549 ng	98
16) 2,2'-oxybis(1-Chloropropan	7.11	45	1673009	47.351 ng	100
17) 2-Methylphenol	7.09	107	735922	47.594 ng	97
18) Hexachloroethane	7.35	117	353338	52.775 ng	94
19) n-Nitroso-di-n-propylamine	7.25	70	620653	50.166 ng	97
20) 3+4-Methylphenols	7.24	107	897559	47.365 ng	# 85
22) Acetophenone	7.25	105	1169979	49.404 ng	# 92
24) Nitrobenzene	7.42	77	950761	48.786 ng	99
25) Isophorone	7.66	82	1736544	46.944 ng	99
26) 2-Nitrophenol	7.73	139	473474	61.703 ng	96
27) 2,4-Dimethylphenol	7.77	122	824736	51.979 ng	97
28) bis(2-Chloroethoxy)methane	7.87	93	1126507	51.498 ng	100
29) 2,4-Dichlorophenol	7.97	162	752471	51.614 ng	99
30) 1,2,4-Trichlorobenzene	8.06	180	804190	49.879 ng	99
31) Naphthalene	8.14	128	2485499	48.733 ng	99
32) Benzoic acid	7.90	122	595604	58.356 ng	98
33) 4-Chloroaniline	8.19	127	331649	14.191 ng	96
34) Hexachlorobutadiene	8.26	225	487672	54.061 ng	98
35) Caprolactam	8.57	113	251677m	52.748 ng	
36) 4-Chloro-3-methylphenol	8.67	107	839778	52.703 ng	99
37) 2-Methylnaphthalene	8.83	142	1748839	52.247 ng	99
38) 1-Methylnaphthalene	8.93	142	1641914	51.825 ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.00	216	774485	46.339 ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.99	237	835026	87.880	nq	99
43) 2,4,6-Trichlorophenol	9.11	196	564231	47.174	nq	99
44) 2,4,5-Trichlorophenol	9.15	196	583770	43.569	nq	98
46) 1,1'-Biphenyl	9.30	154	2073407	44.646	nq	99
47) 2-Chloronaphthalene	9.33	162	1598670	43.946	nq	97
48) 2-Nitroaniline	9.42	65	604447	48.139	nq	93
49) Acenaphthylene	9.75	152	2708107	47.405	nq	99
50) Dimethylphthalate	9.60	163	2234242	55.163	nq	99
51) 2,6-Dinitrotoluene	9.66	165	465431	53.612	nq	88
52) Acenaphthene	9.92	154	1843153	51.754	nq	97
53) 3-Nitroaniline	9.83	138	256331	23.387	nq	97
54) 2,4-Dinitrophenol	9.94	184	394170	102.663	nq	98
55) Dibenzofuran	10.09	168	2415455	47.305	nq	97
56) 4-Nitrophenol	10.00	139	812535	93.975	nq	87
57) 2,4-Dinitrotoluene	10.07	165	617727	56.484	nq	95
58) Fluorene	10.43	166	1842100	48.786	nq	98
59) 2,3,4,6-Tetrachlorophenol	10.20	232	525157	52.436	nq	99
60) Diethylphthalate	10.31	149	2050113	49.871	nq	99
61) 4-Chlorophenyl-phenylether	10.42	204	884991	47.929	nq	99
62) 4-Nitroaniline	10.45	138	473949	45.094	nq	99
63) Azobenzene	10.58	77	1840730	44.466	nq	99
65) 4,6-Dinitro-2-methylphenol	10.47	198	287221	69.263	nq	83
66) n-Nitrosodiphenylamine	10.55	169	1683081	51.843	nq	99
67) 4-Bromophenyl-phenylether	10.92	248	539522	47.904	nq	92
68) Hexachlorobenzene	10.98	284	568475	49.317	nq	# 92
69) Atrazine	11.07	200	484674	54.456	nq	99
70) Pentachlorophenol	11.17	266	641721	94.944	nq	99
71) Phenanthrene	11.39	178	2485033	48.462	nq	99
72) Anthracene	11.45	178	2554494	49.015	nq	99
73) Carbazole	11.60	167	2488070	48.233	nq	100
74) Di-n-butylphthalate	11.93	149	2224503	40.312	nq	100
75) Fluoranthene	12.58	202	2063533	37.184	nq	99
77) Benzidine	12.70	184	864745	43.782	nq	99
78) Pyrene	12.81	202	2025145	52.872	nq	99
80) Butylbenzylphthalate	13.43	149	922151	59.526	nq	98
81) Benzo(a)anthracene	14.00	228	1481529	48.816	nq	99
82) 3,3'-Dichlorobenzidine	13.96	252	304243	25.425	nq	# 98
83) Chrysene	14.04	228	1526532	48.737	nq	99
84) Bis(2-ethylhexyl)phthalate	13.99	149	1209653	65.502	nq	99
85) Di-n-octyl phthalate	14.60	149	1958842	60.312	nq	100
86) Indeno(1,2,3-cd)pyrene	16.93	276	2076438	70.390	nq	99
88) Benzo(b)fluoranthene	15.04	252	1345372	50.535	nq	98
89) Benzo(k)fluoranthene	15.07	252	1318786	52.023	nq	98
90) Benzo(a)pyrene	15.41	252	1192320	49.281	nq	98
91) Dibenzo(a,h)anthracene	16.96	278	1709558	80.785	nq	99
92) Benzo(g,h,i)perylene	17.38	276	1617940	76.103	nq	97

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

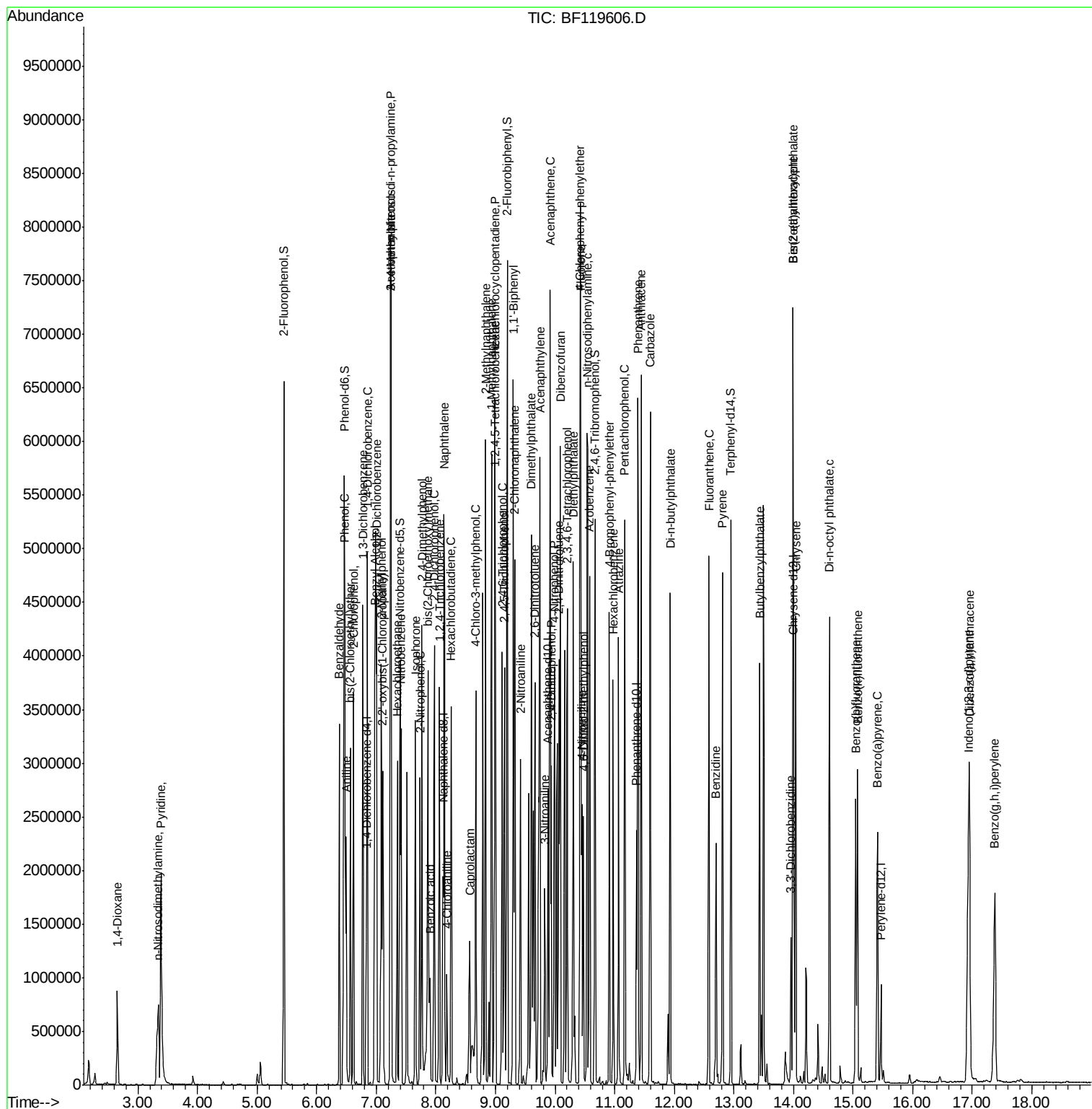
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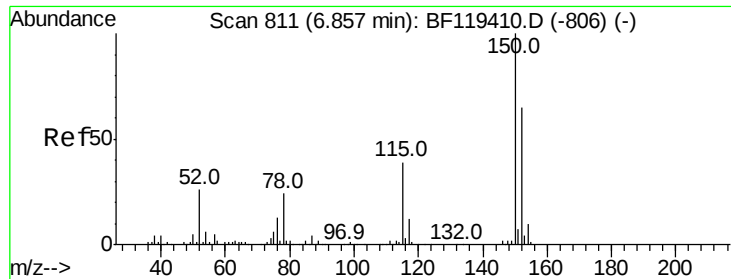
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#1

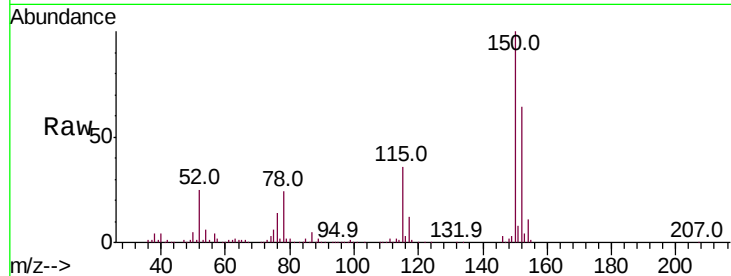
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 807
Delta R.T. -0.00 min
Lab File: BF119606.D
Acq: 28 Mar 2020 9:35

Instrument :
BNA_F
ClientSampleId :
SB-5-(10-12)MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.9	124.5	186.7
115	56.8	49.6	74.4

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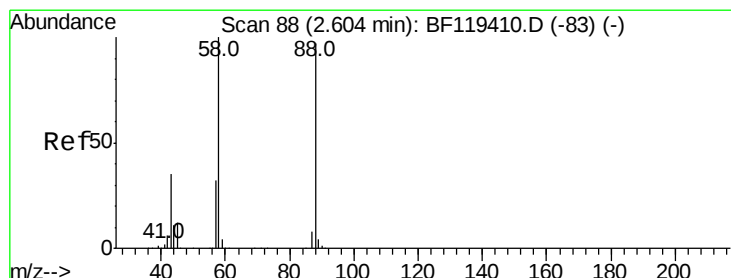
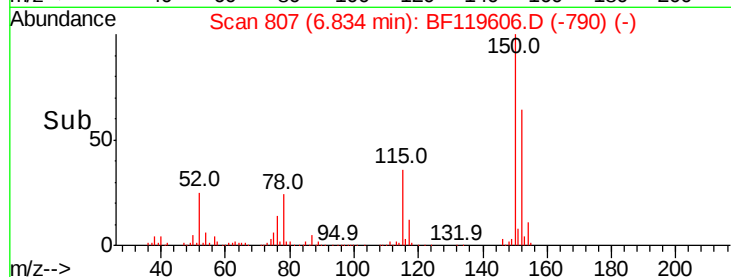
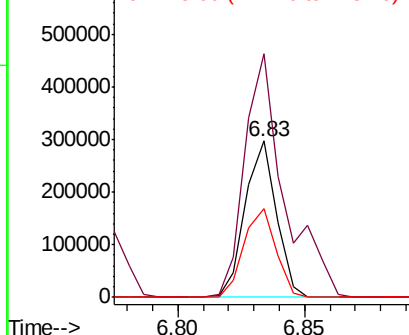


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

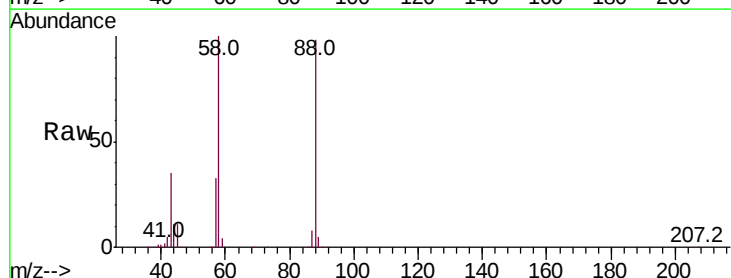
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 46.460 ng
RT: 2.66 min Scan# 97
Delta R.T. 0.09 min
Lab File: BF119606.D
Acq: 28 Mar 2020 9:35

Tgt Ion	Ratio	Lower	Upper
88	100		
58	101.9	80.6	121.0
43	35.7	27.5	41.3

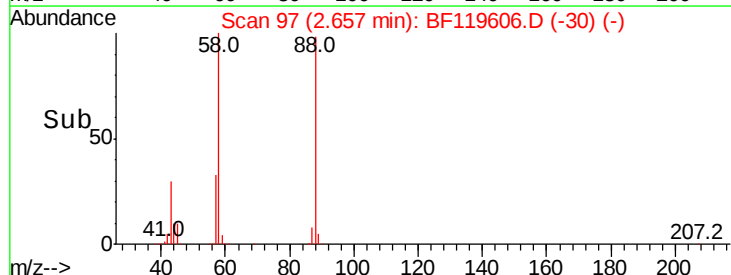
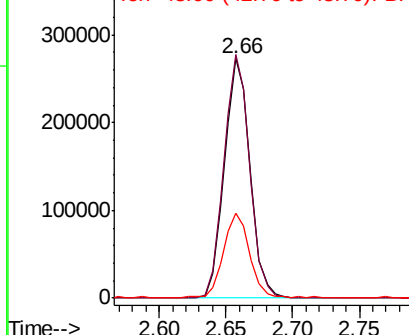


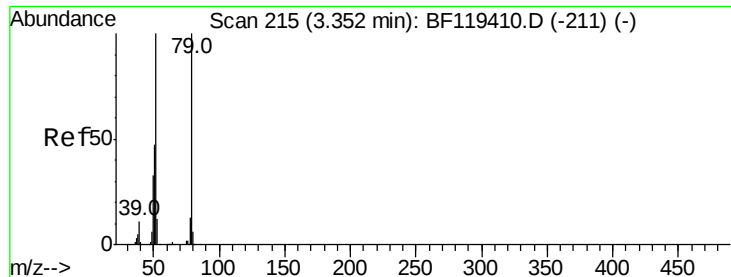
Abundance

Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 45.387 ng

RT: 3.39 min Scan# 221

Delta R.T. 0.09 min

Lab File: BF119606.D

Acq: 28 Mar 2020 9:35

Instrument :

BNA_F

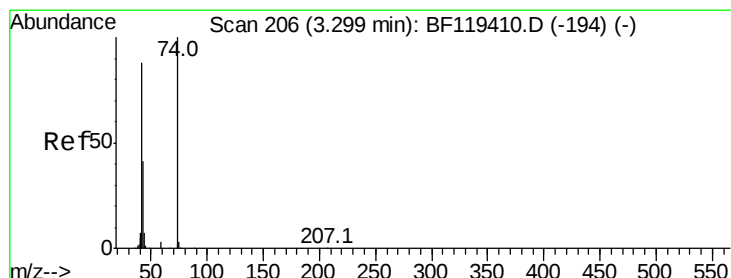
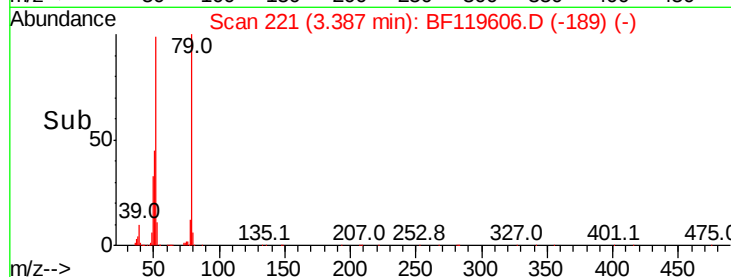
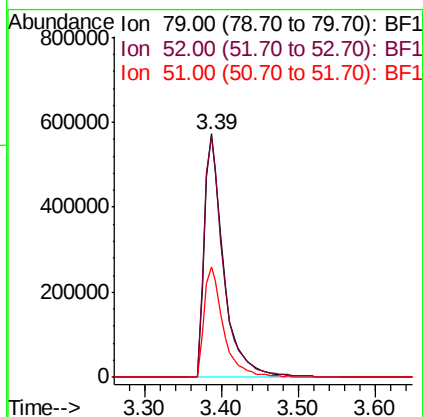
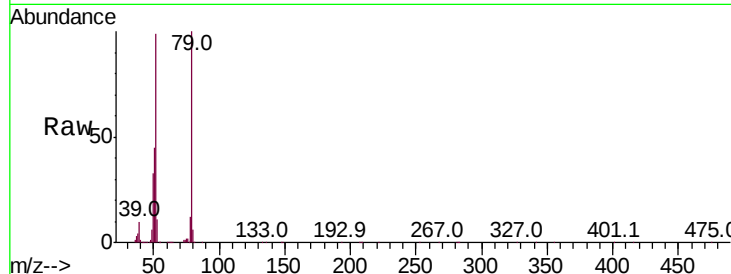
ClientSampleId :

SB-5-(10-12)MS

Tot Ion:	79	Resp:	992287
Ion Ratio	Lower	Upper	
79	100		
52	99.0	80.2	120.2
51	45.4	37.7	56.5

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#4

n-Nitrosodimethylamine

Concen: 51.373 ng

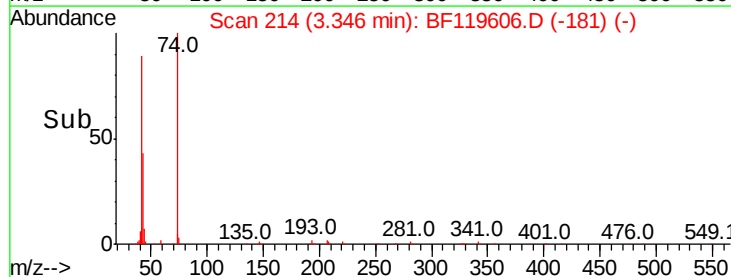
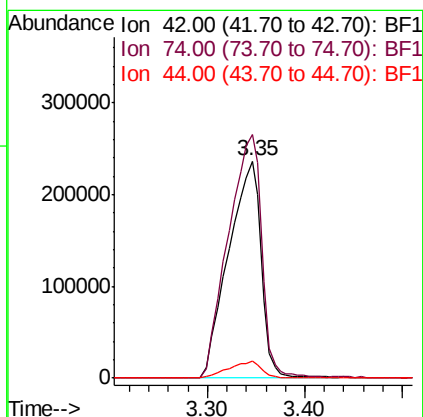
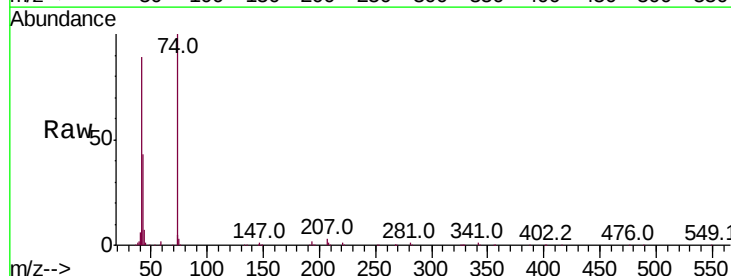
RT: 3.35 min Scan# 214

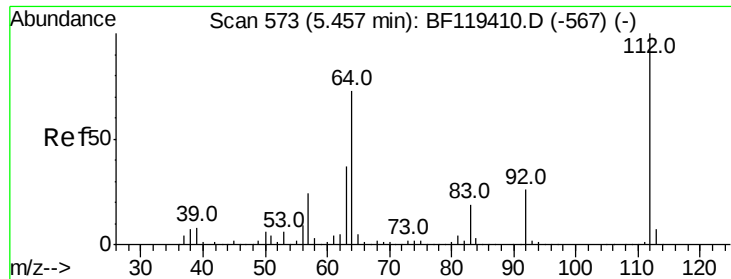
Delta R.T. 0.09 min

Lab File: BF119606.D

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Tgt Ion:	42	Resp:	547726
Ion Ratio	Lower	Upper	
42	100		
74	112.3	91.5	137.3
44	7.6	6.2	9.4





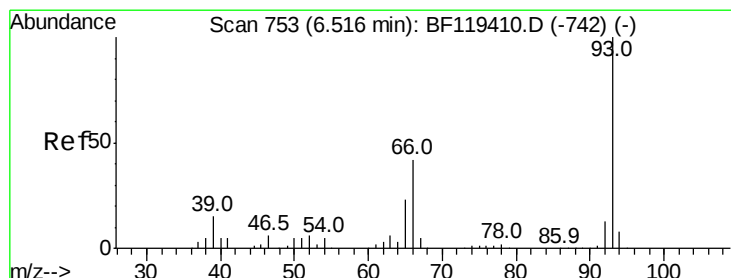
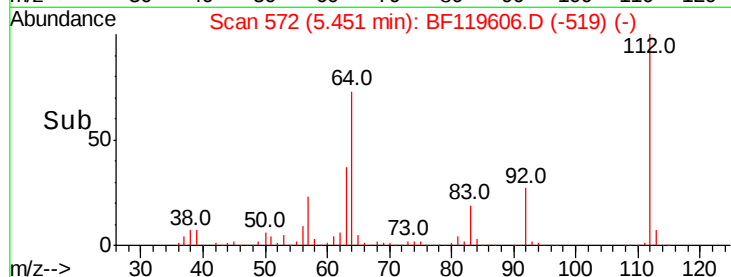
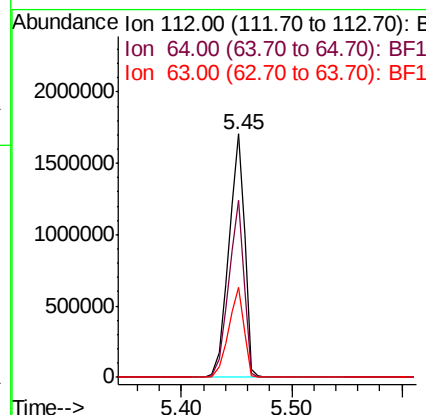
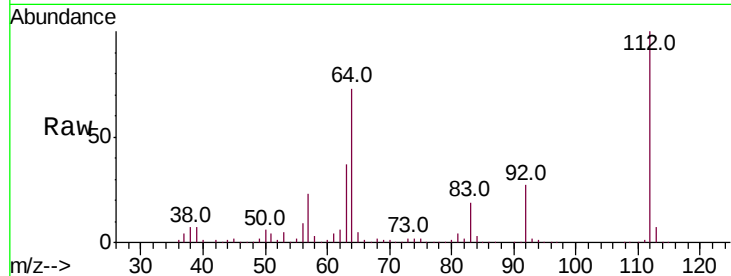
#5
 2-Fluorophenol
 Concen: 106.569 ng
 RT: 5.45 min Scan# 572
 Delta R.T. 0.01 min
 Lab File: BF119606.D
 Acq: 28 Mar 2020 9:35

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Tot Ion	Ratio	Lower	Upper
112	100		
64	72.6	56.7	85.1
63	37.0	29.5	44.3

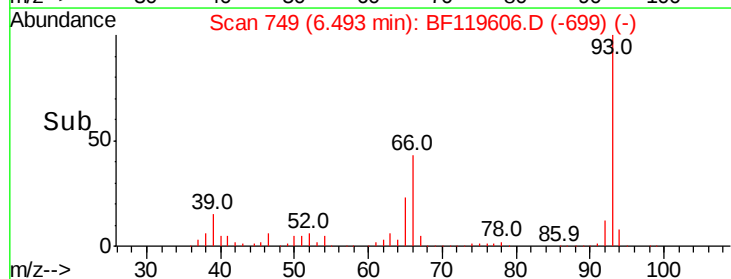
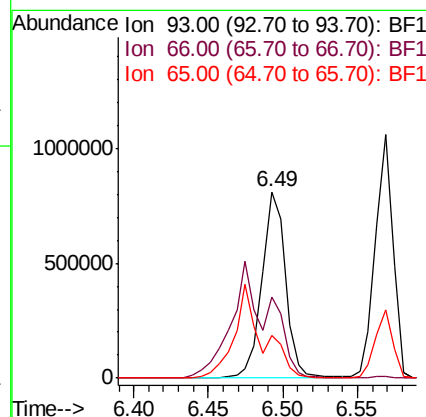
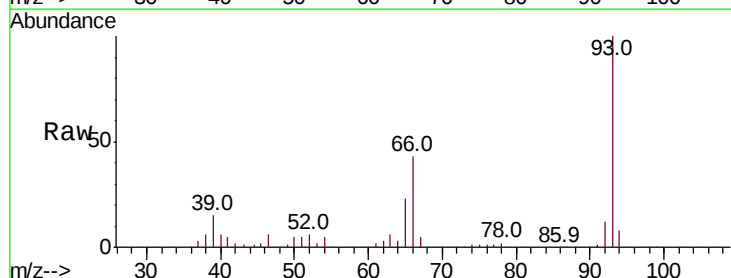
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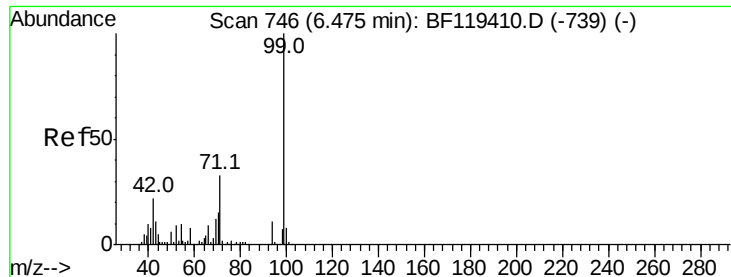
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#6
 Aniline
 Concen: 31.293 ng
 RT: 6.49 min Scan# 749
 Delta R.T. -0.01 min
 Lab File: BF119606.D
 Acq: 28 Mar 2020 9:35

Tgt Ion	Ratio	Lower	Upper
93	100		
66	43.3	34.9	52.3
65	22.7	18.6	27.8





#7

Phenol-d6

Concen: 104.906 ng

RT: 6.46 min Scan# 744

Delta R.T. -0.00 min

Lab File: BF119606.D

Acq: 28 Mar 2020 9:35

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SB-5-(10-12)MS

Tot Ion: 99 Resp: 2153279

Ion Ratio Lower Upper

99 100

42 21.0 16.6 24.8

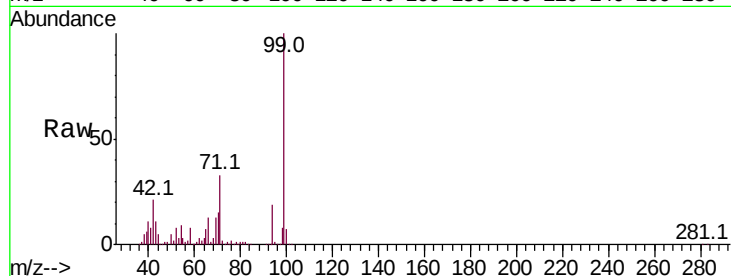
71 32.6 26.4 39.6

Manual Integrations

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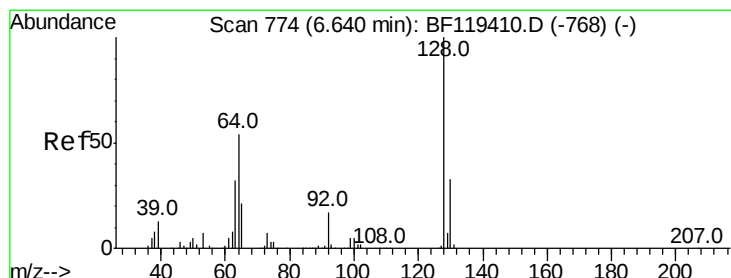
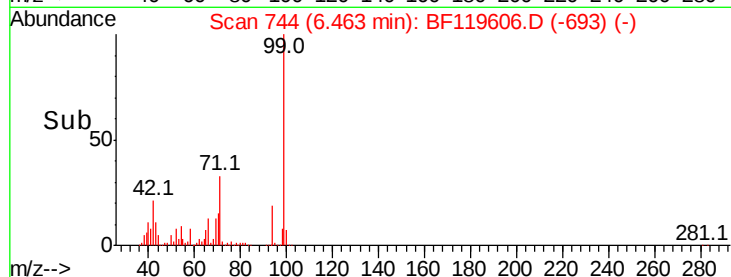
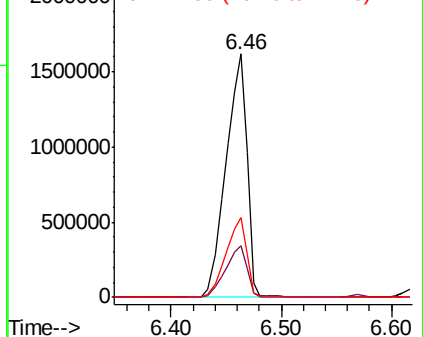
3/31/2020 8:14:12 AM



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 54.103 ng

RT: 6.62 min Scan# 770

Delta R.T. -0.01 min

Lab File: BF119606.D

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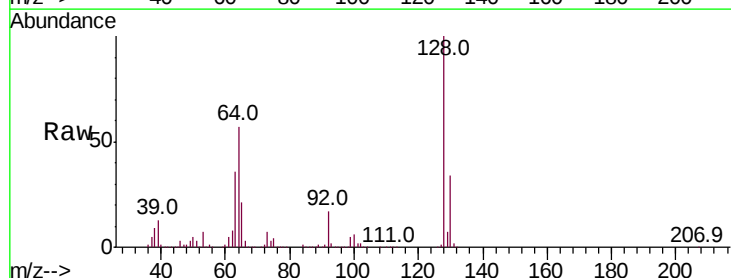
Tgt Ion:128 Resp: 913050

Ion Ratio Lower Upper

128 100

130 33.6 12.6 52.6

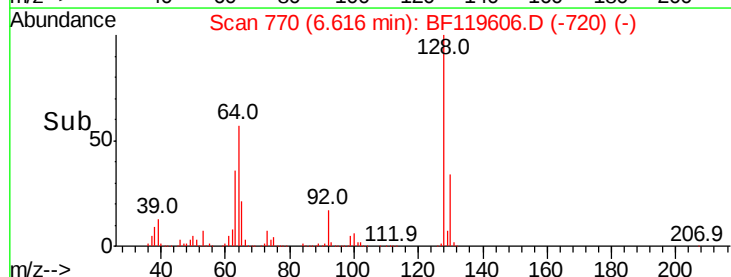
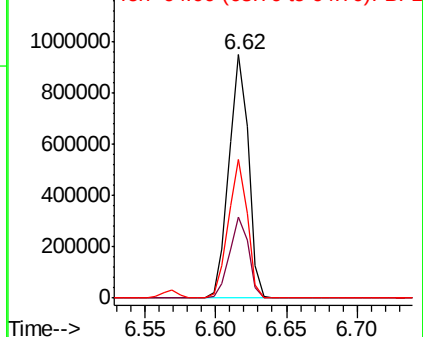
64 57.0 35.3 75.3

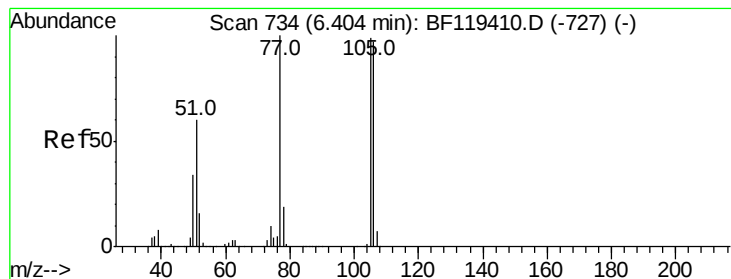


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 41.902 ng

RT: 6.38 min Scan# 730

Delta R.T. -0.01 min

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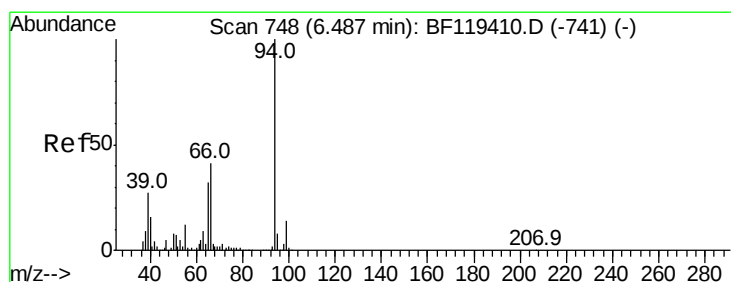
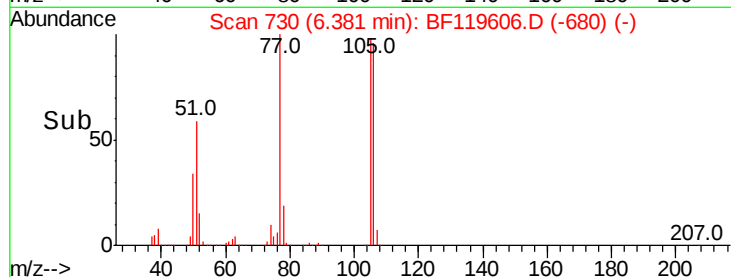
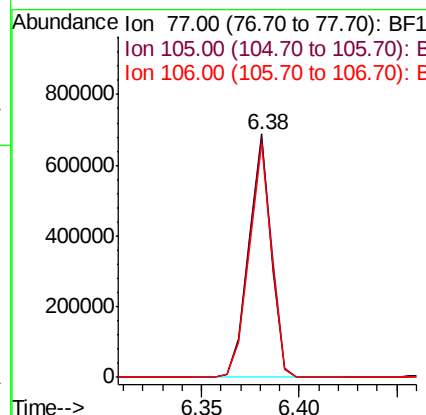
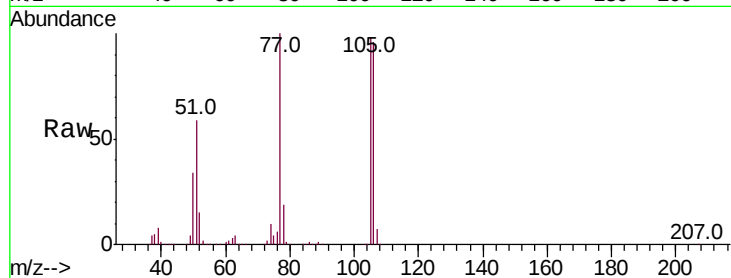
ClientSampleId :

SB-5-(10-12)MS

Tot Ion:	77	Resp:	545611
Ion Ratio	Lower	Upper	
77	100		
105	98.5	80.9	120.9
106	95.7	77.9	117.9

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#10

Phenol

Concen: 53.335 ng

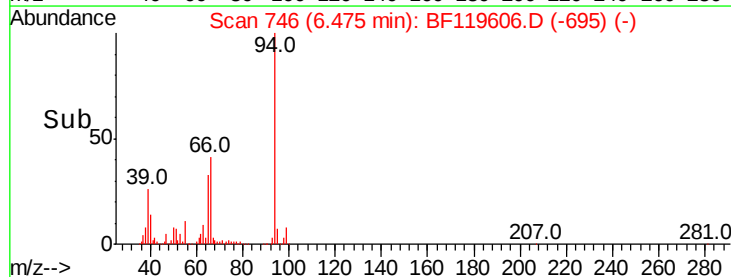
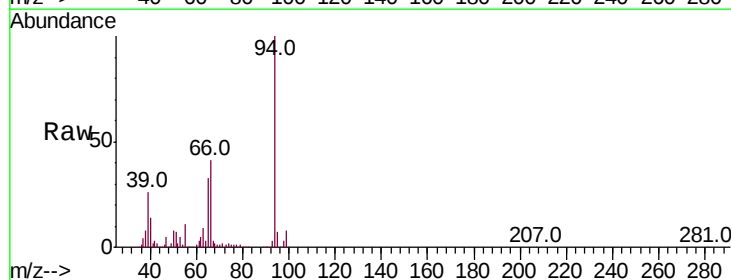
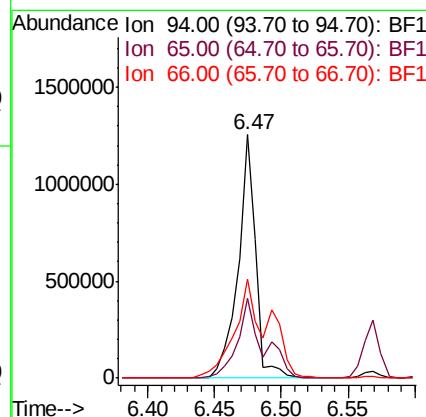
RT: 6.47 min Scan# 746

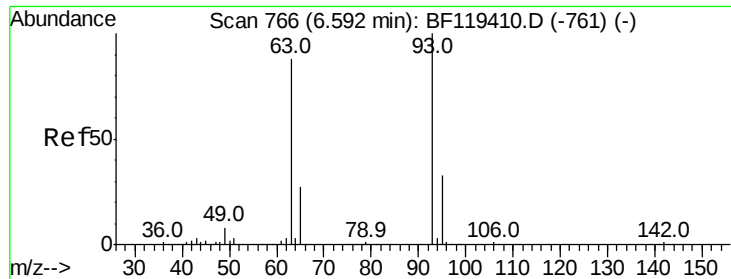
Delta R.T. -0.00 min

Lab File: BF119606.D

Acq: 28 Mar 2020 9:35

Tgt Ion:	94	Resp:	1168127
Ion Ratio	Lower	Upper	
94	100		
65	32.7	13.2	53.2
66	40.6	22.3	62.3





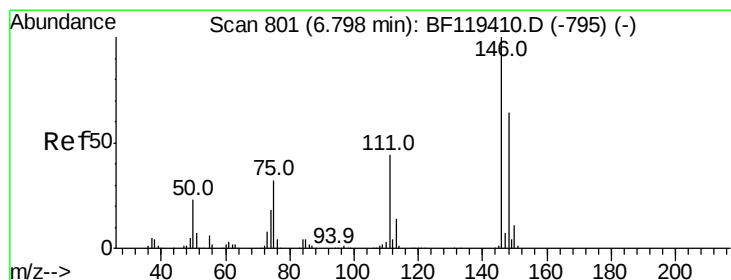
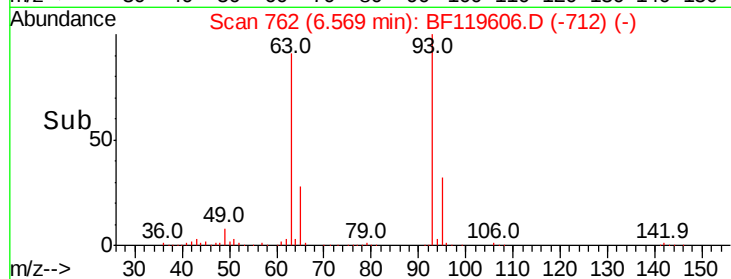
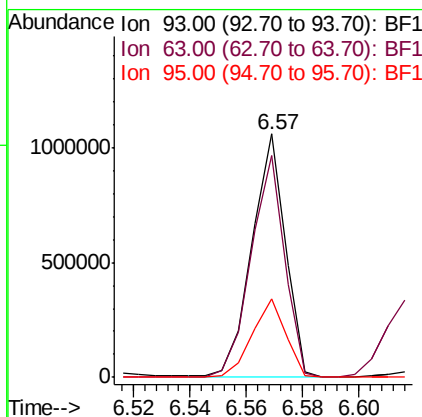
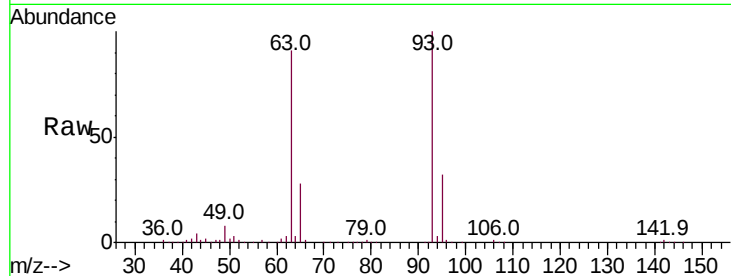
#11
bis(2-Chloroethyl)ether
Concen: 49.743 ng
RT: 6.57 min Scan# 762
Delta R.T. -0.01 min
Lab File: BF119606.D
Acq: 28 Mar 2020 9:35

Instrument :
BNA_F
ClientSampleId :
SB-5-(10-12)MS

Tot Ion	Ratio	Lower	Upper
93	100		
63	91.0	70.2	110.2
95	32.2	13.4	53.4

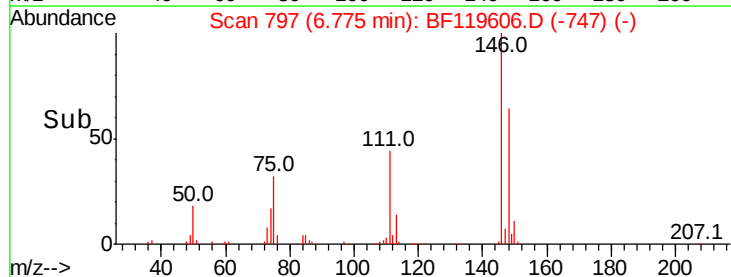
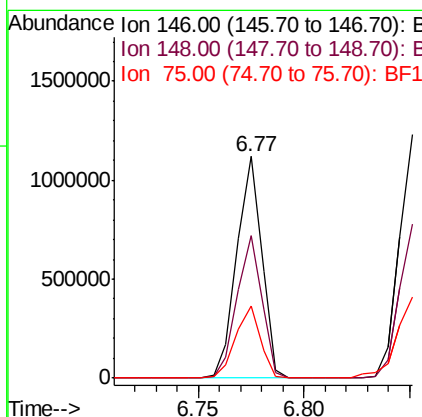
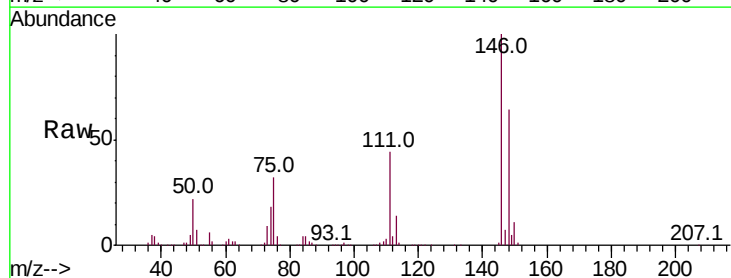
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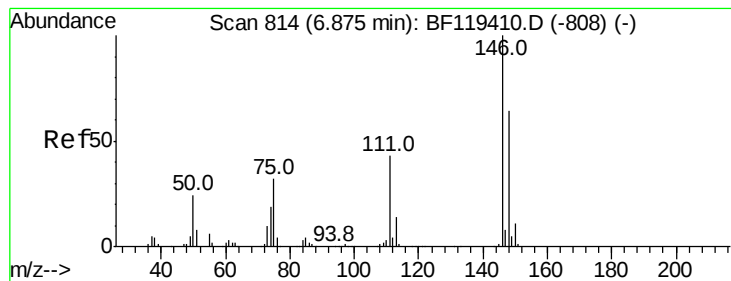
mohammad
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#12
1,3-Dichlorobenzene
Concen: 50.105 ng
RT: 6.77 min Scan# 797
Delta R.T. -0.01 min
Lab File: BF119606.D
Acq: 28 Mar 2020 9:35

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.1	52.2	78.4
75	32.2	23.0	34.4





#13

1,4-Dichlorobenzene

Concen: 52.971 ng

RT: 6.85 min Scan# 810

Delta R.T. -0.01 min

Lab File: BF119606.D

Acq: 28 Mar 2020 9:35

Instrument :

BNA_F

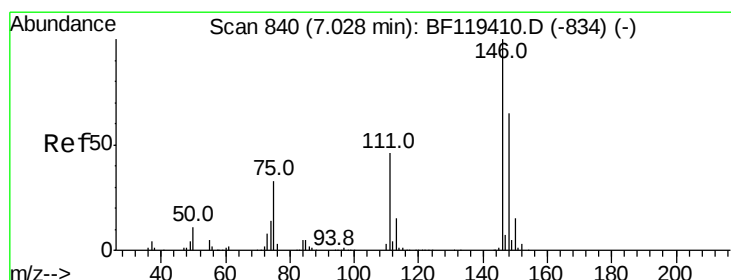
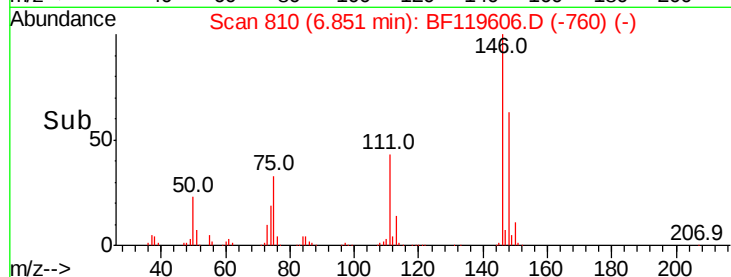
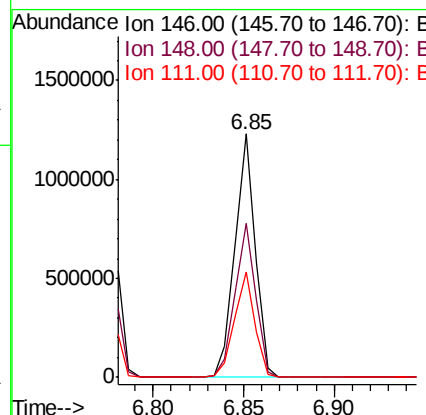
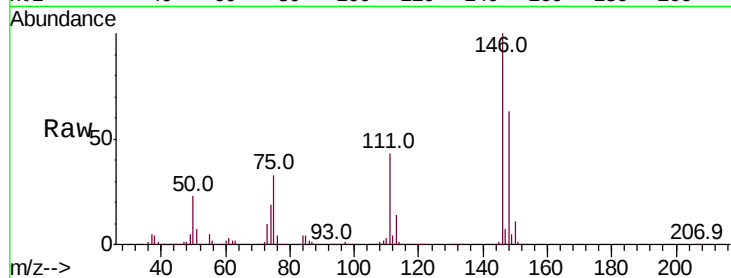
ClientSampleId :

SB-5-(10-12)MS

Tot Ion:	146	Resp:	967766
Ion Ratio	Lower	Upper	
146	100		
148	63.2	51.5	77.3
111	43.5	33.3	49.9

Manual Integrations
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#14

1,2-Dichlorobenzene

Concen: 51.518 ng

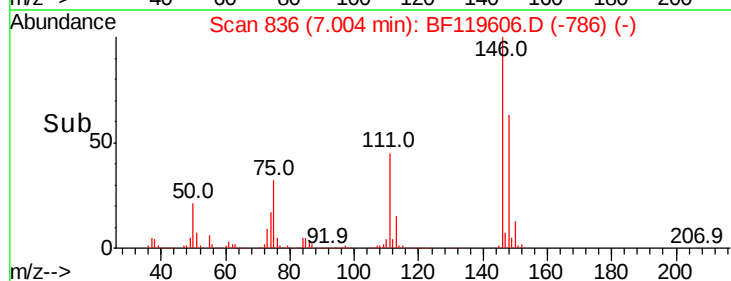
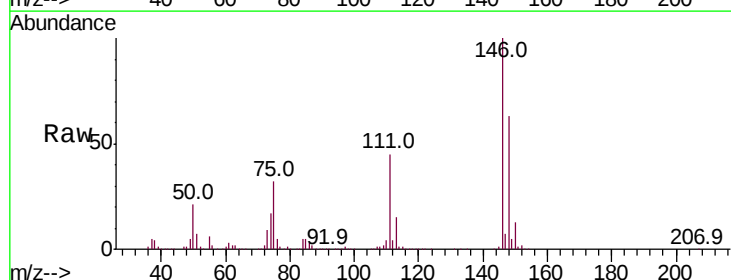
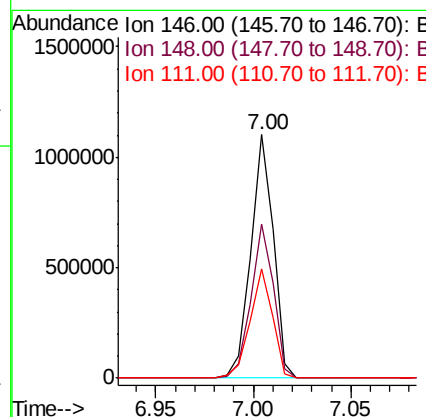
RT: 7.00 min Scan# 836

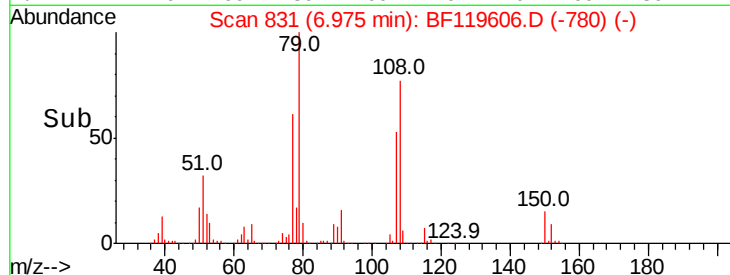
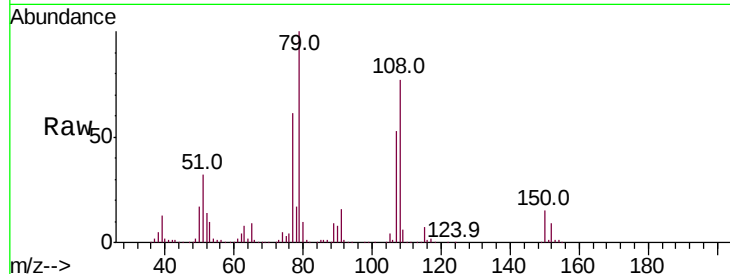
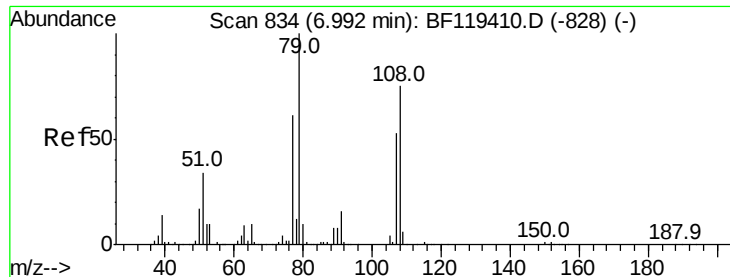
Delta R.T. -0.01 min

Lab File: BF119606.D

Acq: 28 Mar 2020 9:35

Tgt Ion:	146	Resp:	879760
Ion Ratio	Lower	Upper	
146	100		
148	63.2	50.6	75.8
111	44.7	36.1	54.1





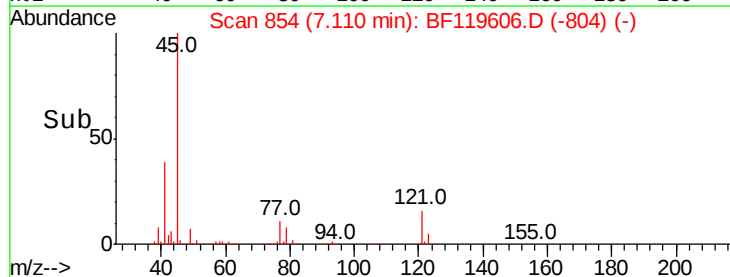
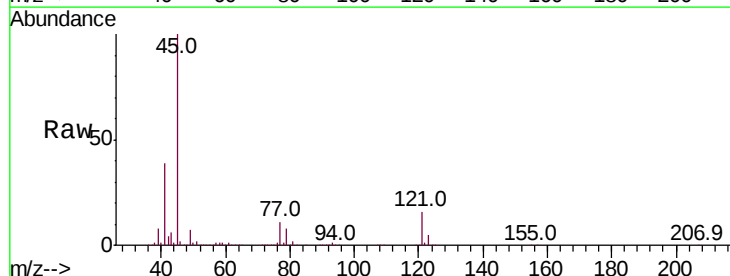
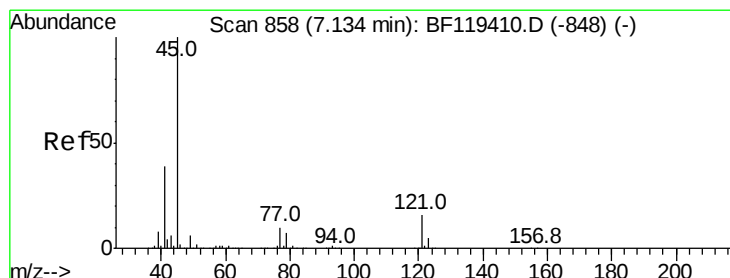
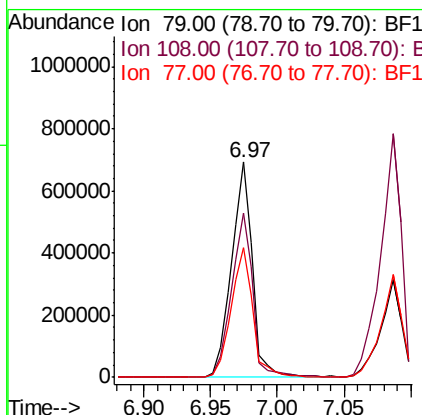
#15
Benzyl Alcohol
Concen: 49.549 ng
RT: 6.97 min Scan# 831
Delta R.T. -0.00 min
Lab File: BF119606.D
Acq: 28 Mar 2020 9:35

Tot Ion	Ratio	Lower	Upper
79	100		
108	76.6	60.6	90.8
77	60.5	50.2	75.2

Instrument :
BNA_F
ClientSampleId :
SB-5-(10-12)MS

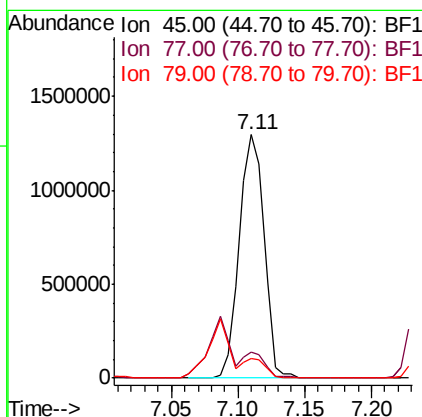
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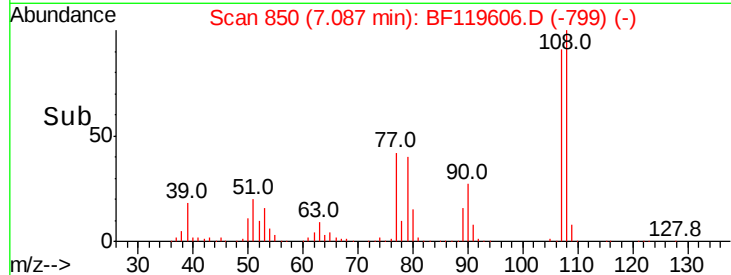
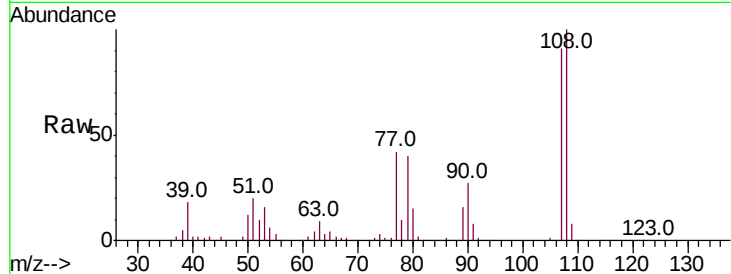
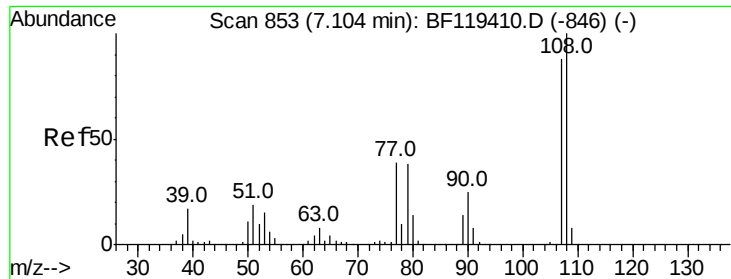
mohammad
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 47.351 ng
RT: 7.11 min Scan# 854
Delta R.T. -0.01 min
Lab File: BF119606.D
Acq: 28 Mar 2020 9:35

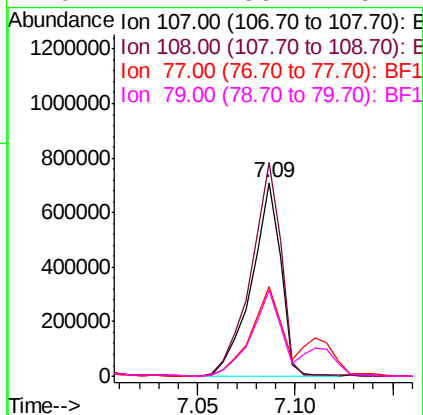
Tgt Ion	Ratio	Lower	Upper
45	100		
77	10.8	0.0	30.7
79	8.1	0.0	28.2





#17
2-Methylphenol
Concen: 47.594 ng
RT: 7.09 min Scan# 850
Delta R.T. -0.00 min
Lab File: BF119606.D
Acq: 28 Mar 2020 9:35

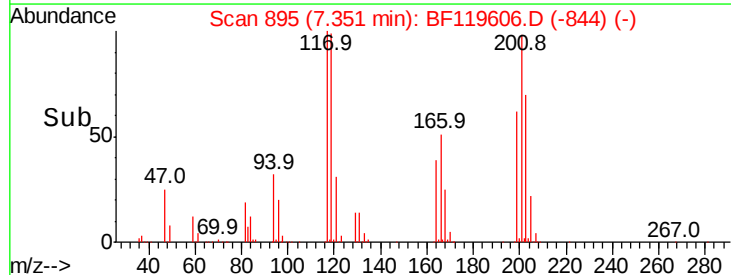
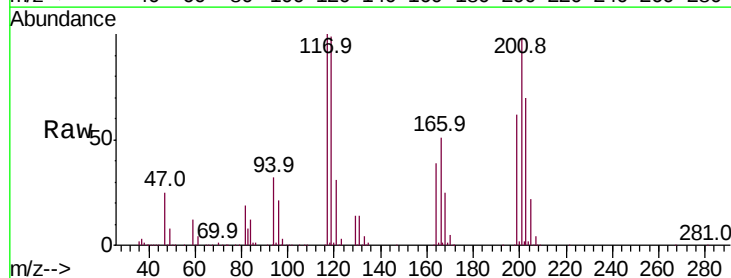
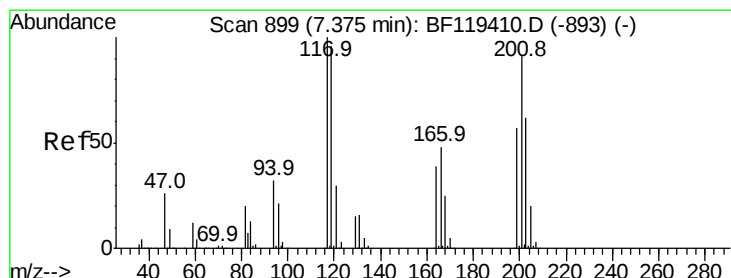
Tot Ion	Ratio	Resp Lower	Upper
107	100		
108	110.2	92.2	138.4
77	46.5	36.6	54.8
79	44.4	36.2	54.4



Instrument :
BNA_F
ClientSampleId :
SB-5-(10-12)MS

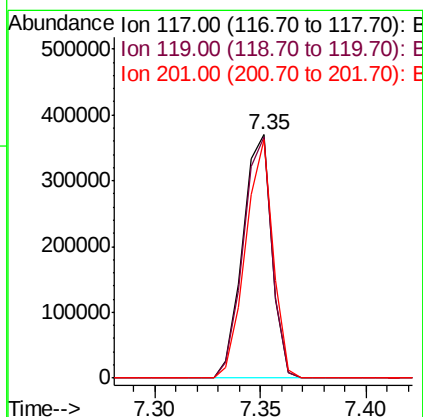
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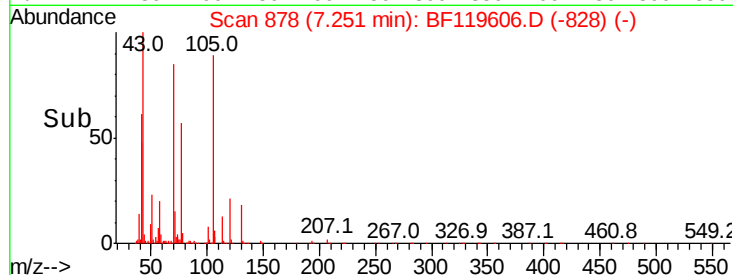
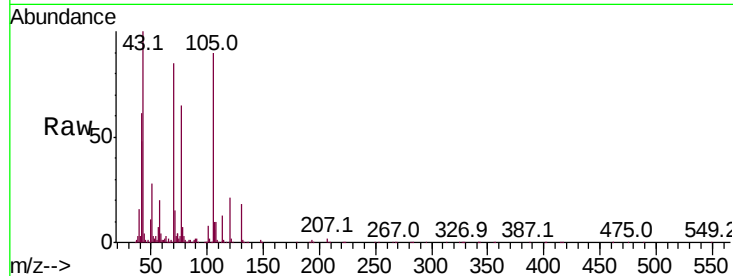
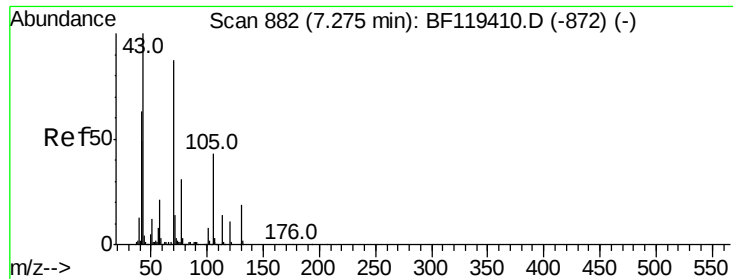
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#18
Hexachloroethane
Concen: 52.775 ng
RT: 7.35 min Scan# 895
Delta R.T. -0.00 min
Lab File: BF119606.D
Acq: 28 Mar 2020 9:35

Tgt Ion	Ratio	Resp Lower	Upper
117	100		
119	99.1	76.1	114.1
201	98.1	73.0	109.6





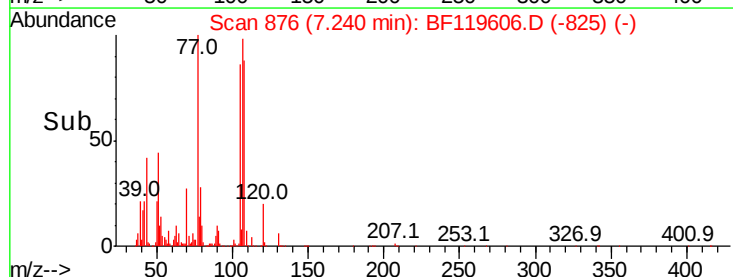
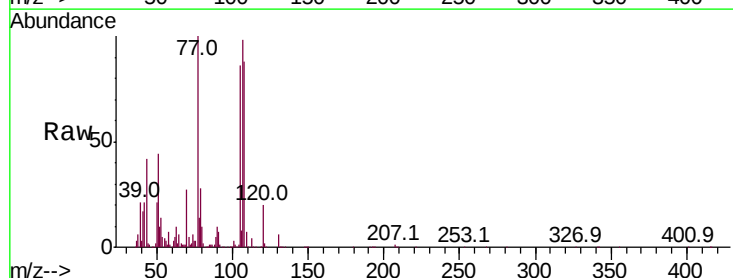
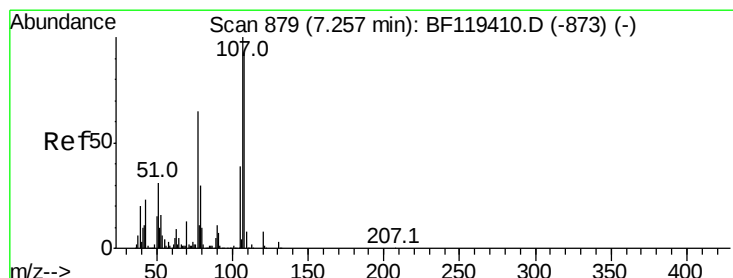
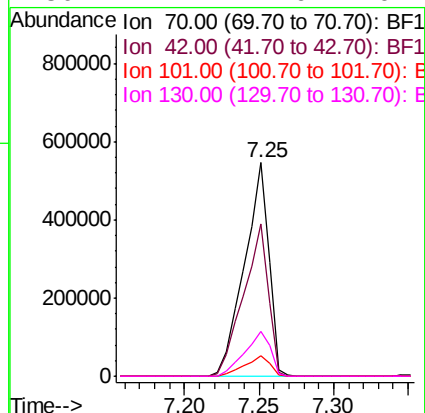
#19
n-Nitroso-di-n-propylamine
Concen: 50.166 ng
RT: 7.25 min Scan# 878
Delta R.T. -0.01 min
Lab File: BF119606.D
Acq: 28 Mar 2020 9:35

Instrument :
BNA_F
ClientSampleId :
SB-5-(10-12)MS

Tot Ion	Ratio	Lower	Upper
70	100		
42	71.6	54.5	81.7
101	9.6	7.6	11.4
130	21.2	17.6	26.4

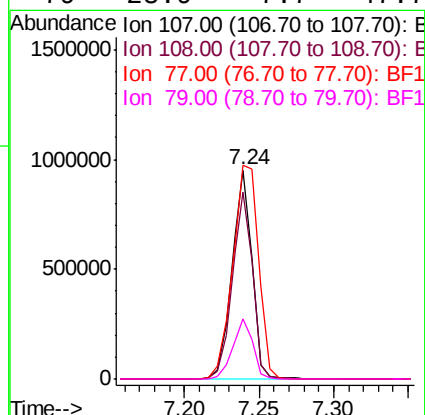
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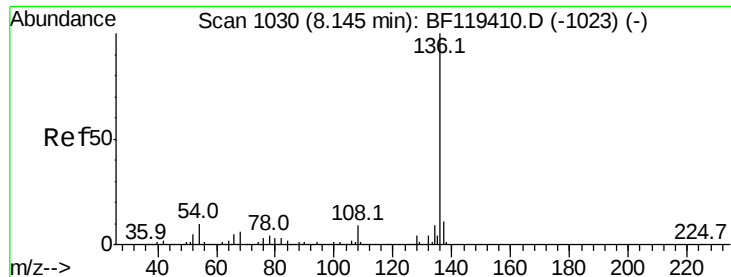
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#20
3+4-Methylphenols
Concen: 47.365 ng
RT: 7.24 min Scan# 876
Delta R.T. -0.00 min
Lab File: BF119606.D
Acq: 28 Mar 2020 9:35

Tgt Ion	Ratio	Lower	Upper
107	100		
108	89.7	67.9	107.9
77	102.4	52.9	92.9
79	28.9	7.7	47.7





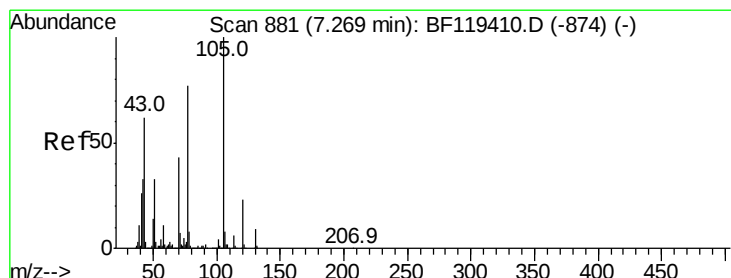
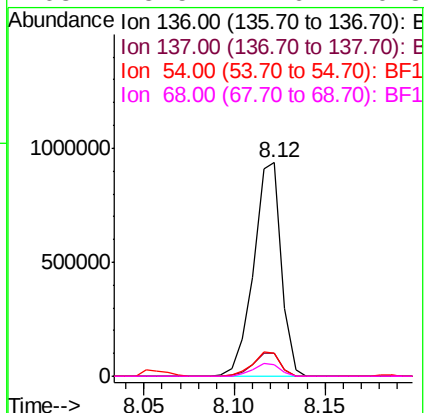
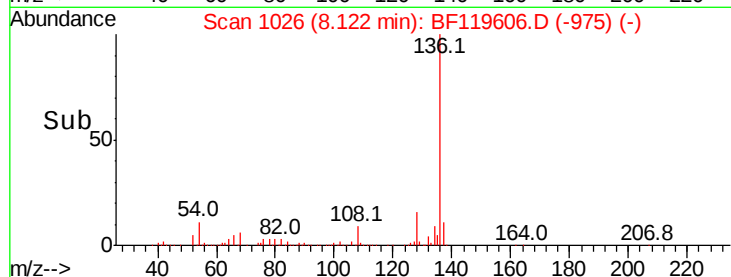
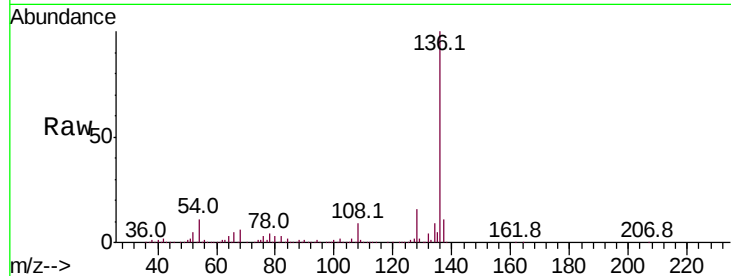
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.12 min Scan# 1026
Delta R.T. -0.00 min
Lab File: BF119606.D
Acq: 28 Mar 2020 9:35

Instrument :
BNA_F
ClientSampleId :
SB-5-(10-12)MS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.9	8.7	13.1	
54	10.6	9.1	13.7	
68	5.5	4.6	6.8	

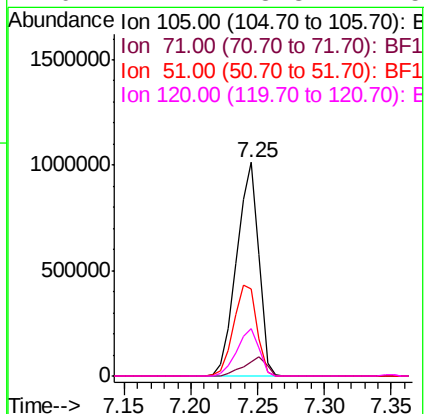
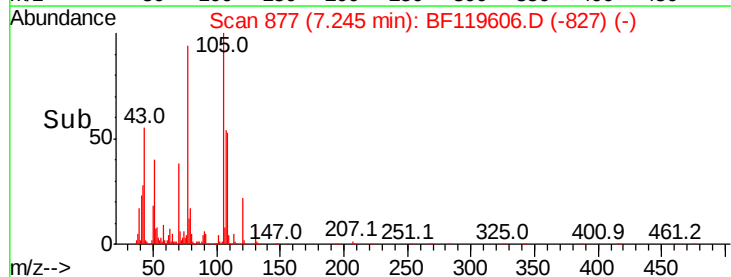
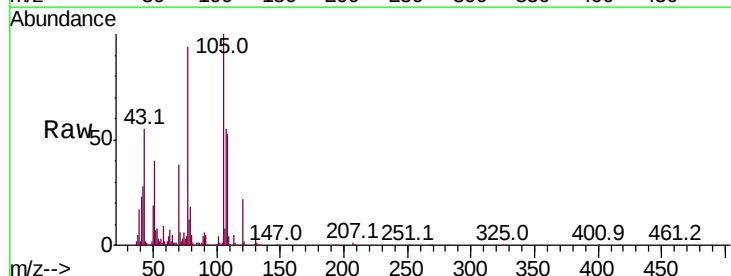
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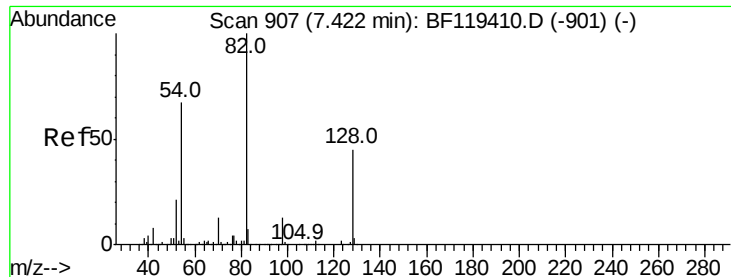
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#22
Acetophenone
Concen: 49.404 ng
RT: 7.25 min Scan# 877
Delta R.T. -0.01 min
Lab File: BF119606.D
Acq: 28 Mar 2020 9:35

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	6.4	5.7	8.5	
51	40.5	26.2	39.4	
120	22.2	18.3	27.5	





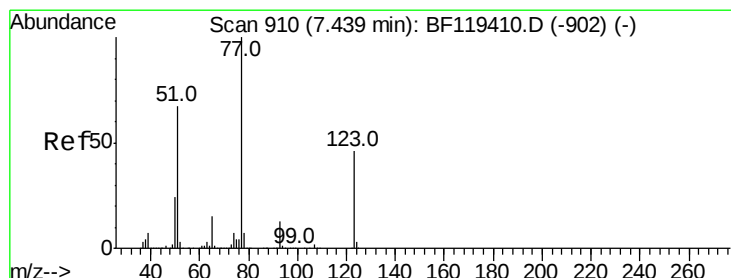
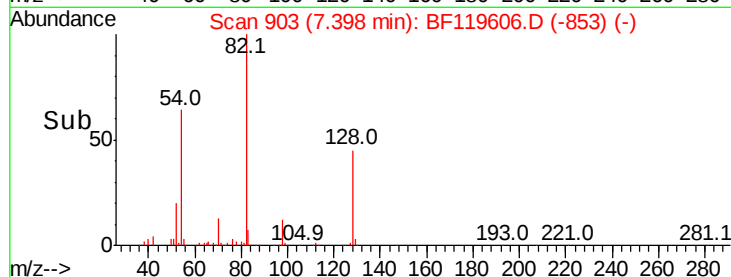
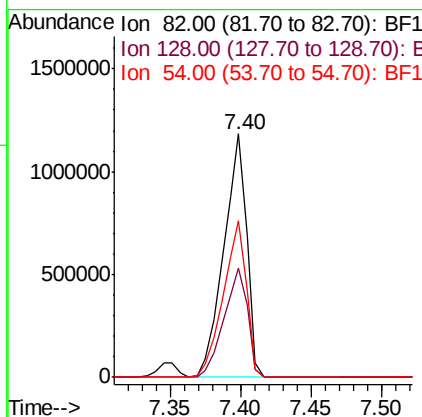
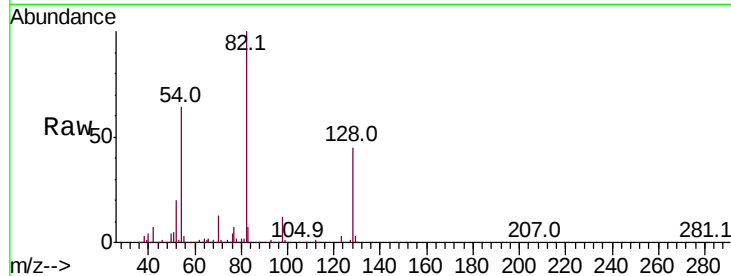
#23
Nitrobenzene-d5
Concen: 72.853 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.01 min
Lab File: BF119606.D
Acq: 28 Mar 2020 9:35

Instrument :
BNA_F
ClientSampleId :
SB-5-(10-12)MS

Tot Ion: 82 Resp: 1328541
Ion Ratio Lower Upper
82 100
128 45.1 36.3 54.5
54 64.2 50.6 75.8

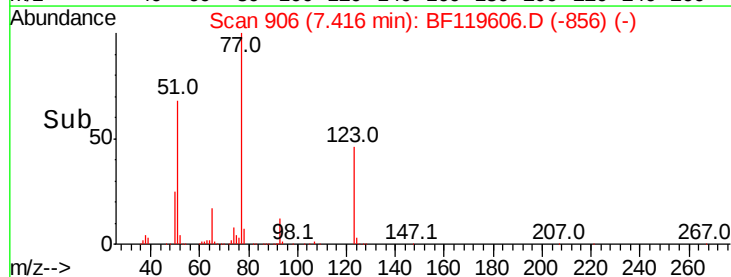
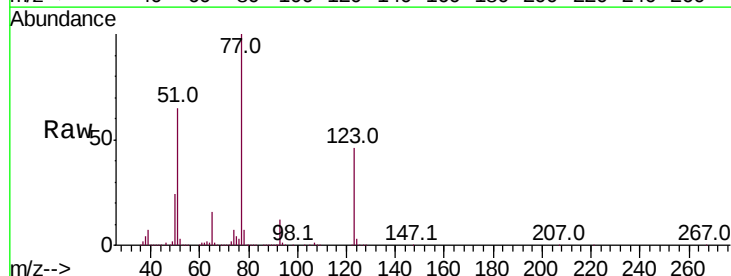
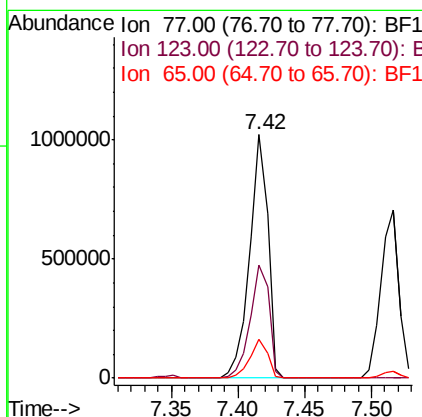
Manual Integrations
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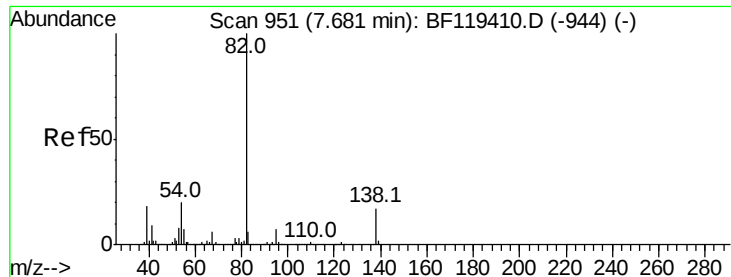
mohammad
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#24
Nitrobenzene
Concen: 48.786 ng
RT: 7.42 min Scan# 906
Delta R.T. -0.01 min
Lab File: BF119606.D
Acq: 28 Mar 2020 9:35

Tgt Ion: 77 Resp: 950761
Ion Ratio Lower Upper
77 100
123 46.5 38.0 57.0
65 16.1 12.6 18.8





#25

Isophorone

Concen: 46.944 ng

RT: 7.66 min Scan# 947

Delta R.T. -0.01 min

Lab File: BF119606.D

Acq: 28 Mar 2020 9:35

Instrument :

BNA_F

ClientSampleId :

SB-5-(10-12)MS

Tot Ion: 82 Resp: 1736544

Ion Ratio Lower Upper

82 100

95 7.0 5.8 8.6

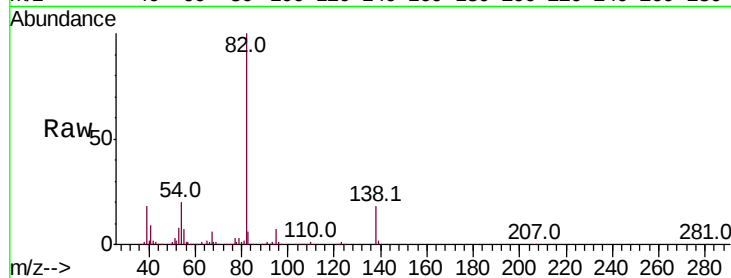
138 18.0 14.6 21.8

Manual Integrations

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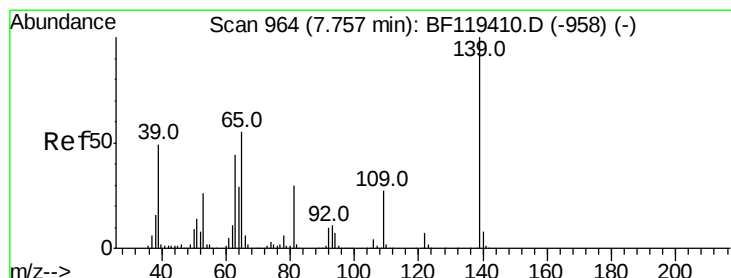
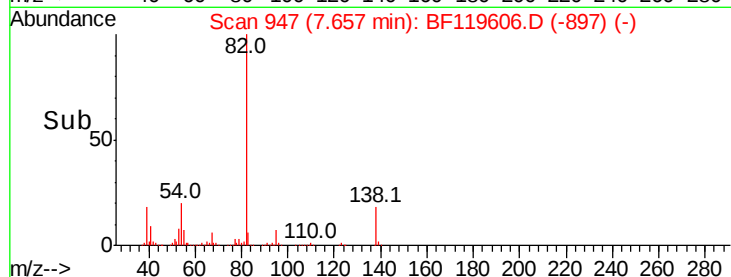
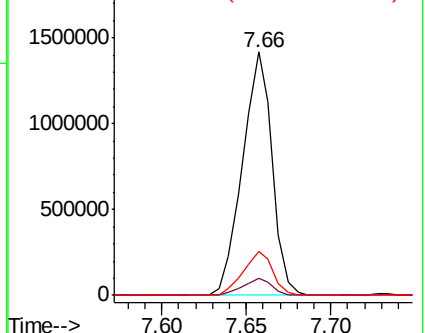
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Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 61.703 ng

RT: 7.73 min Scan# 960

Delta R.T. -0.00 min

Lab File: BF119606.D

Acq: 28 Mar 2020 9:35

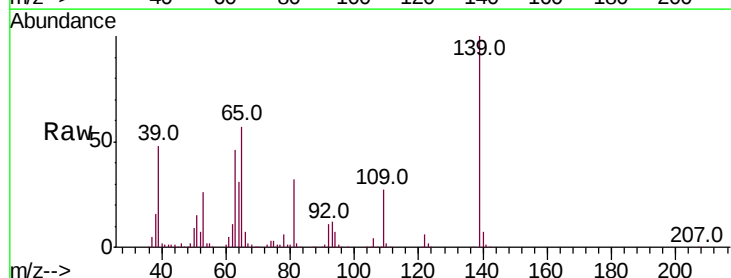
Tgt Ion: 139 Resp: 473474

Ion Ratio Lower Upper

139 100

109 27.1 22.1 33.1

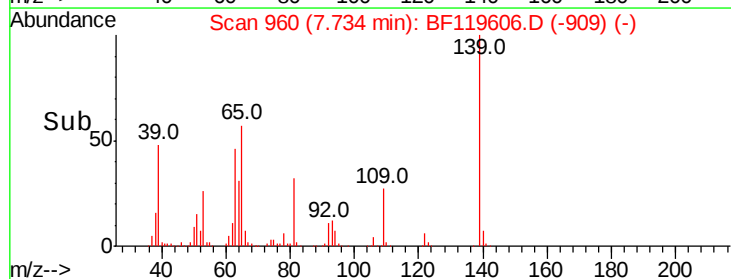
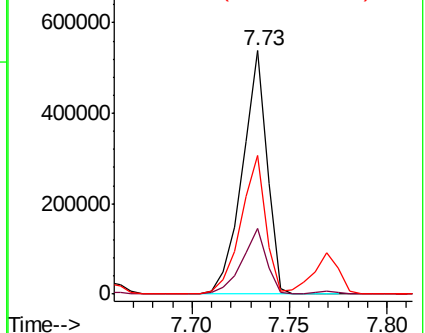
65 57.2 49.2 73.8

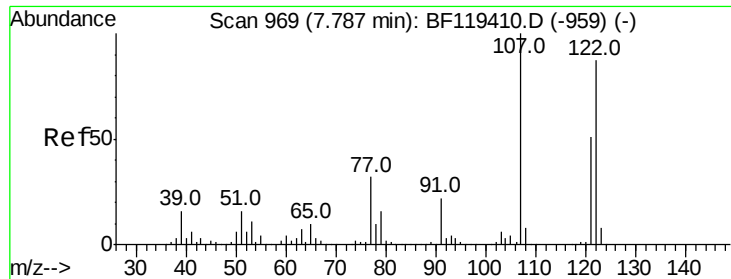


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 51.979 ng

RT: 7.77 min Scan# 966

Delta R.T. -0.01 min

Lab File: BF119606.D

Acq: 28 Mar 2020 9:35

Instrument :

BNA_F

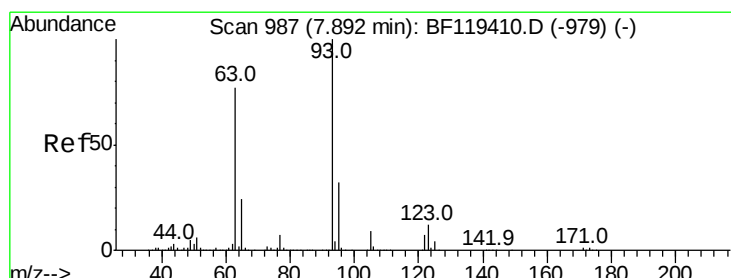
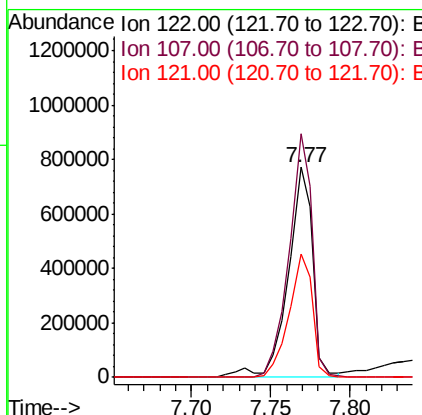
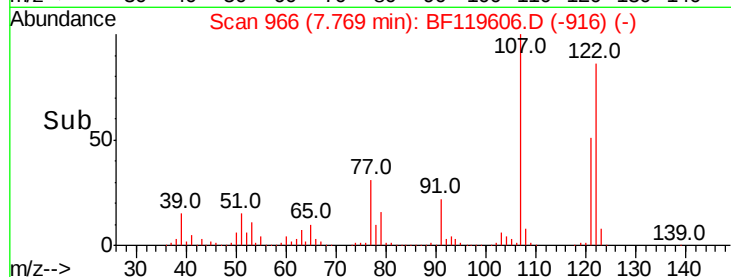
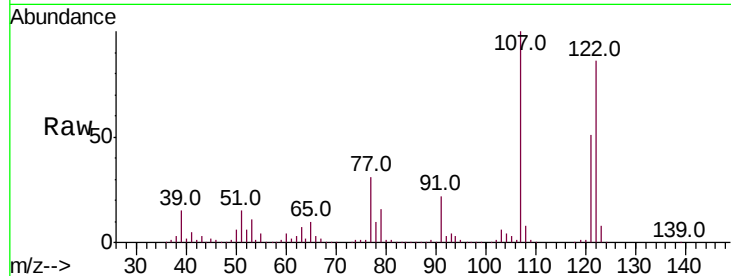
ClientSampleId :

SB-5-(10-12)MS

Tot Ion	Ratio	Lower	Upper
122	100		
107	115.8	89.0	133.6
121	58.6	46.7	70.1

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#28

bis(2-Chloroethoxy)methane

Concen: 51.498 ng

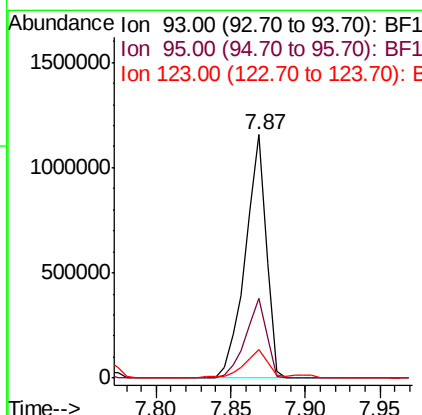
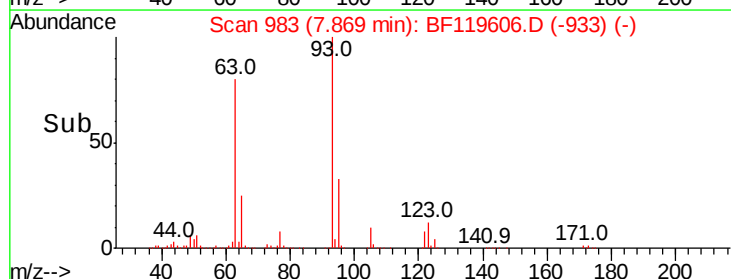
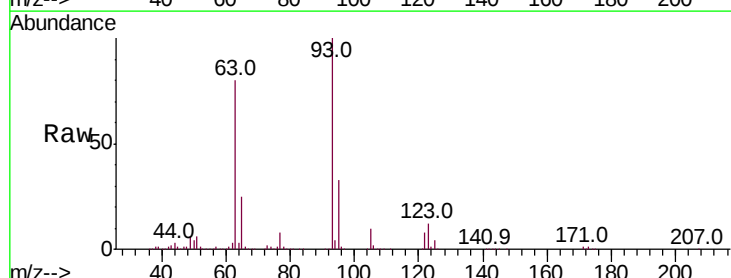
RT: 7.87 min Scan# 983

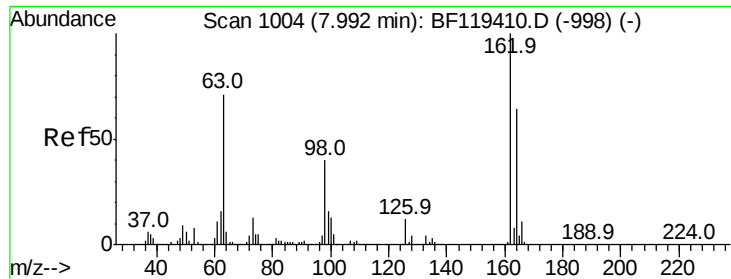
Delta R.T. -0.01 min

Lab File: BF119606.D

Acq: 28 Mar 2020 9:35

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.8	26.3	39.5
123	11.6	9.7	14.5





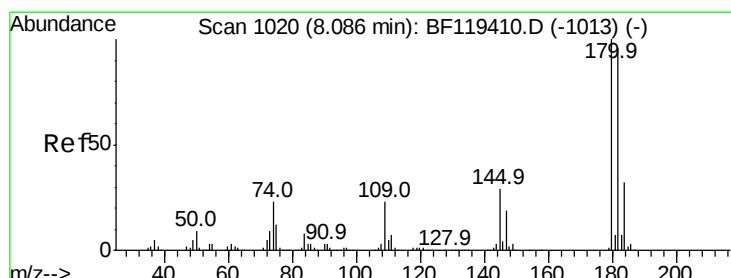
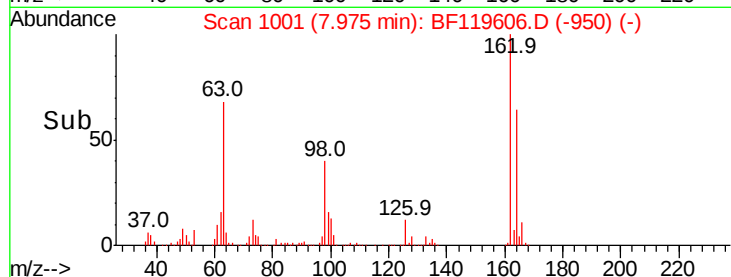
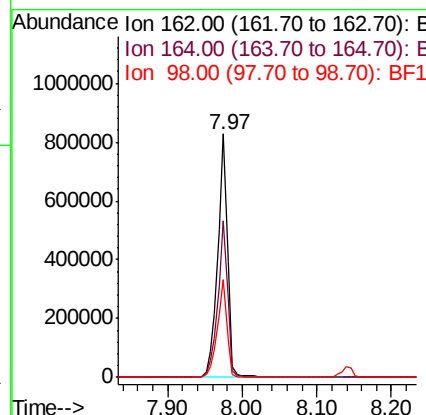
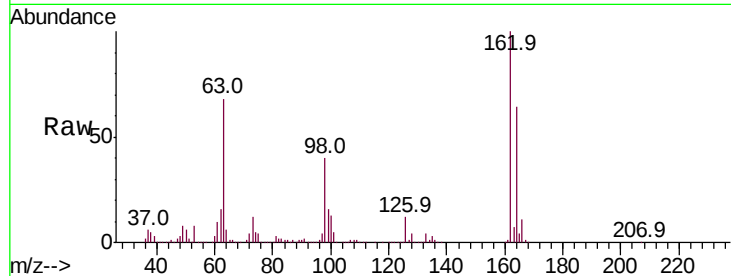
#29
 2,4-Dichlorophenol
 Concen: 51.614 ng
 RT: 7.97 min Scan# 1001
 Delta R.T. -0.00 min
 Lab File: BF119606.D
 Acq: 28 Mar 2020 9:35

Instrument :
 BNA_F
 ClientSampled :
 SB-5-(10-12)MS

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.1	44.7	84.7
98	40.1	20.7	60.7

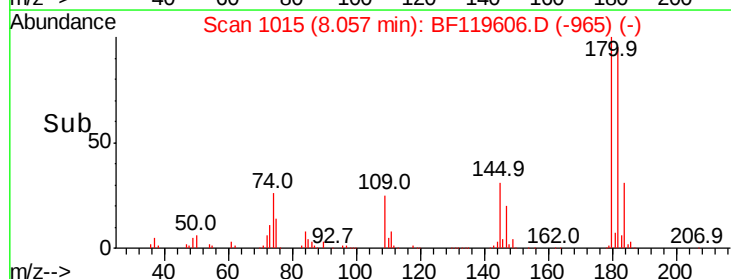
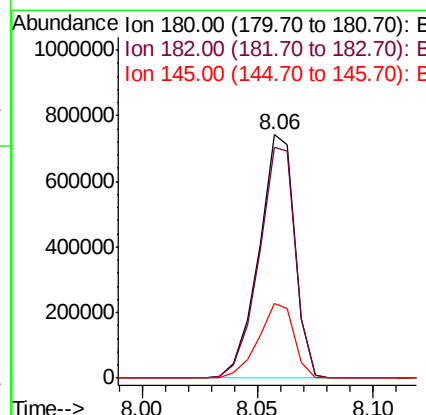
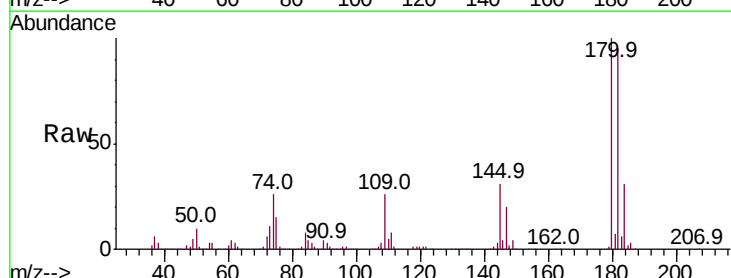
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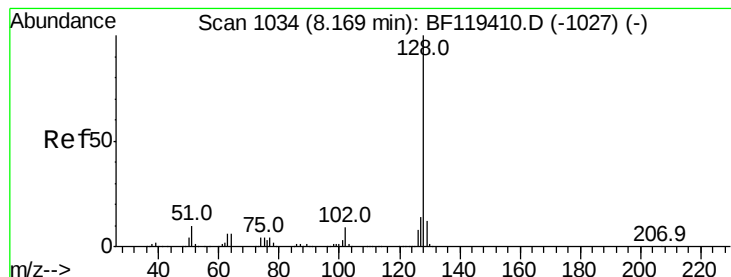
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#30
 1,2,4-Trichlorobenzene
 Concen: 49.879 ng
 RT: 8.06 min Scan# 1015
 Delta R.T. -0.01 min
 Lab File: BF119606.D
 Acq: 28 Mar 2020 9:35

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.6	74.7	112.1
145	30.8	24.5	36.7





#31

Naphthalene

Concen: 48.733 ng

RT: 8.14 min Scan# 1029

Delta R.T. -0.01 min

Lab File: BF119606.D

Acq: 28 Mar 2020 9:35

Instrument :

BNA_F

ClientSampleId :

SB-5-(10-12)MS

Tot Ion:128 Resp: 2485499

Ion Ratio Lower Upper

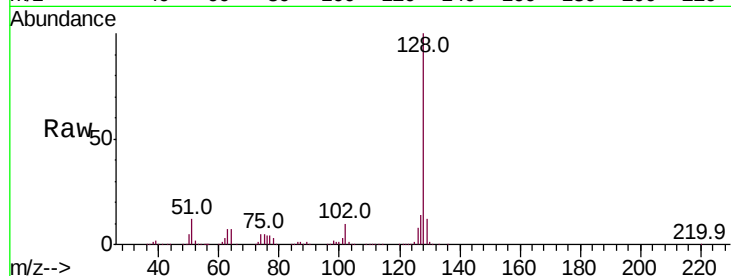
128 100

129 12.3 9.5 14.3

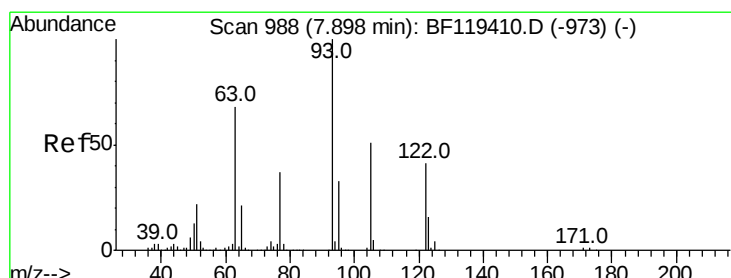
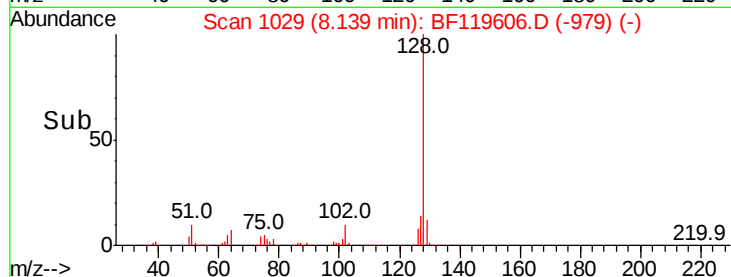
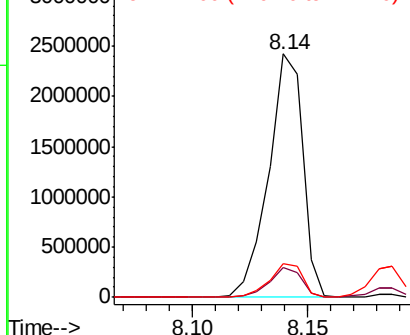
127 13.9 11.3 16.9

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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: 58.356 ng

RT: 7.90 min Scan# 989

Delta R.T. 0.01 min

Lab File: BF119606.D

Acq: 28 Mar 2020 9:35

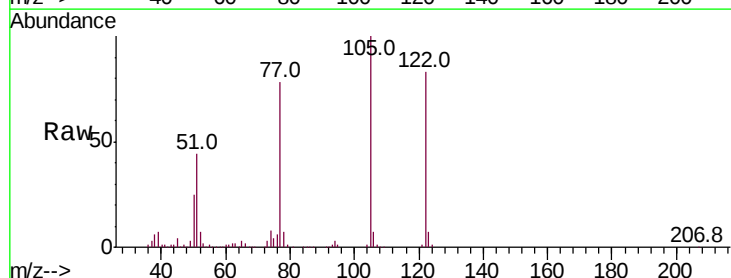
Tgt Ion:122 Resp: 595604

Ion Ratio Lower Upper

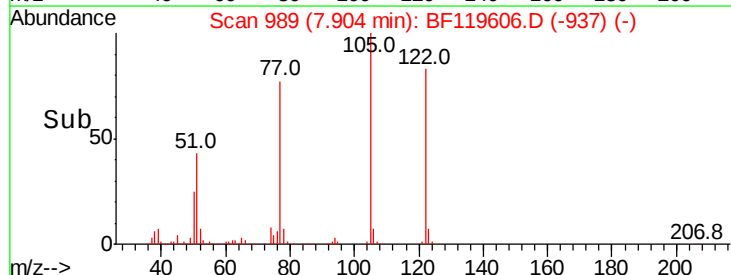
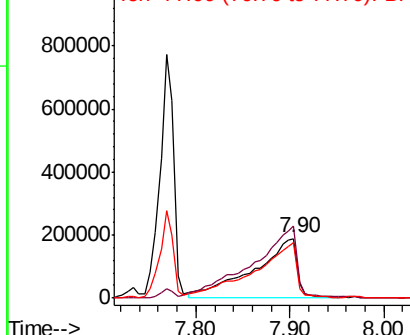
122 100

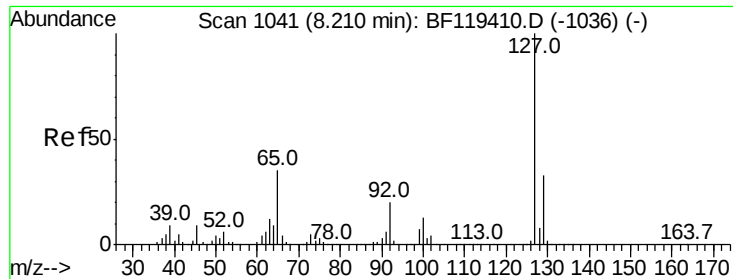
105 121.1 104.9 144.9

77 94.0 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





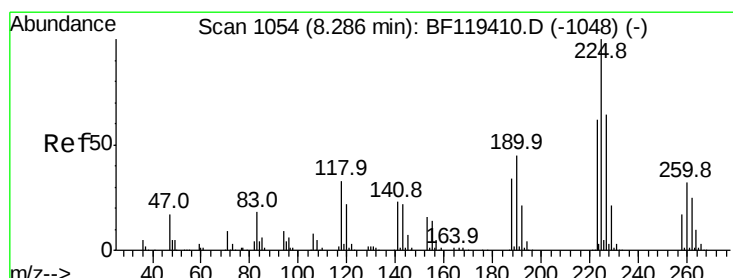
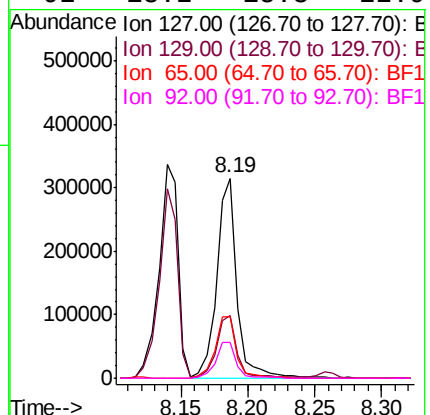
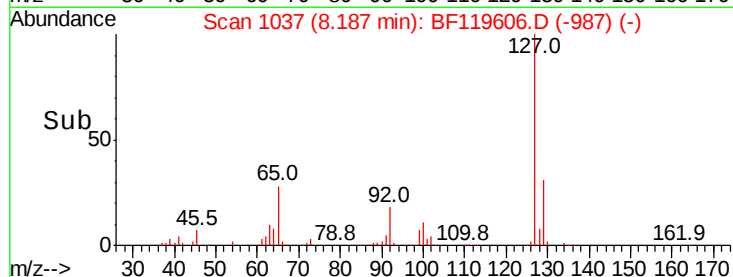
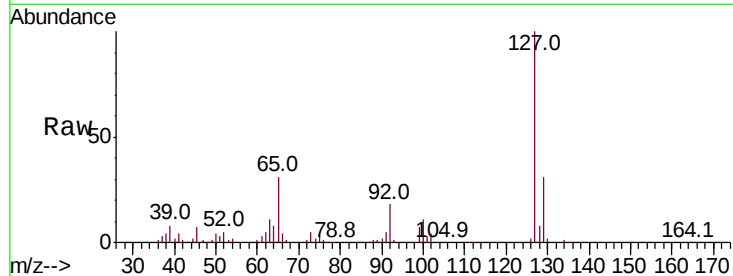
#33
4-Chloroaniline
Concen: 14.191 ng
RT: 8.19 min Scan# 1037
Delta R.T. -0.01 min
Lab File: BF119606.D
Acq: 28 Mar 2020 9:35

Instrument :
BNA_F
ClientSampleId :
SB-5-(10-12)MS

Tot Ion	Ratio	Lower	Upper
127	100		
129	31.3	26.2	39.4
65	30.6	27.4	41.0
92	18.2	15.3	22.9

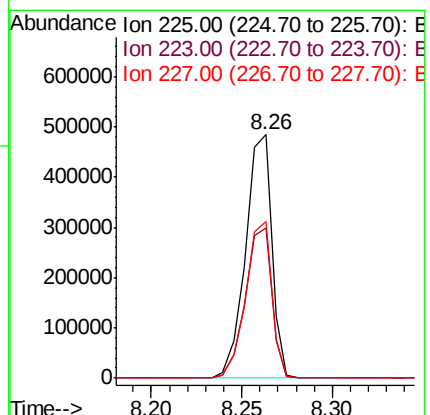
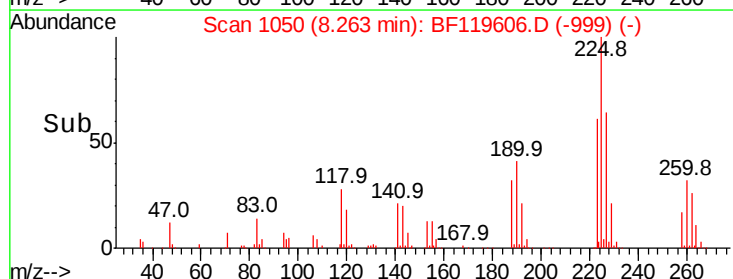
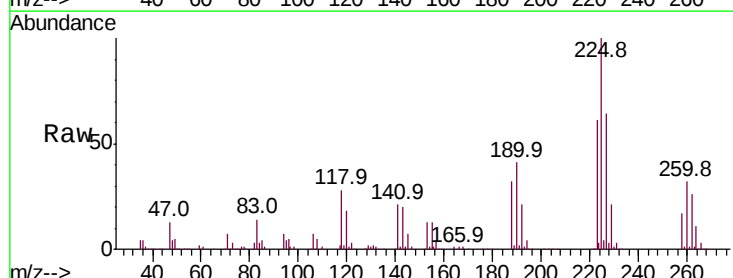
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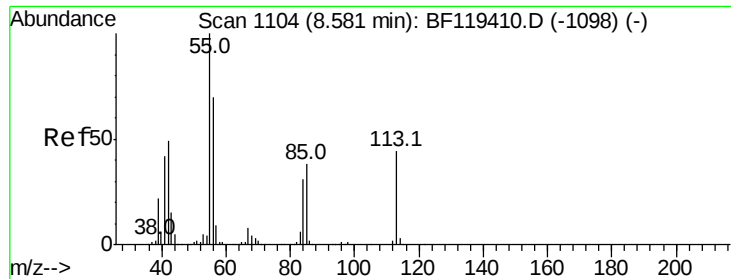
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#34
Hexachlorobutadiene
Concen: 54.061 ng
RT: 8.26 min Scan# 1050
Delta R.T. -0.00 min
Lab File: BF119606.D
Acq: 28 Mar 2020 9:35

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.4	51.0	76.6
227	64.1	50.7	76.1





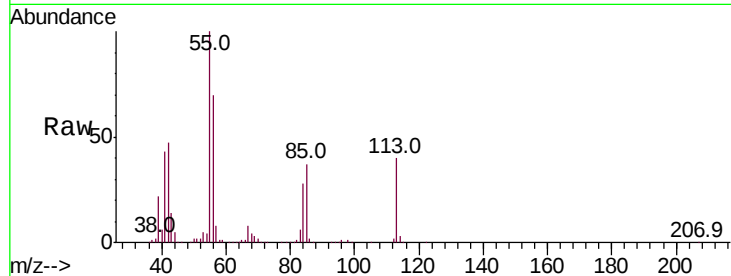
#35
Caprolactam
Concen: 52.748 ng/ml
RT: 8.57 min Scan# 1102
Delta R.T. -0.00 min
Lab File: BF119606.D
Acq: 28 Mar 2020 9:35

Instrument :
BNA_F
ClientSampleId :
SB-5-(10-12)MS

Tot Ion	Ratio	Lower	Upper
113	100		
55	248.7	218.4	258.4
56	174.5	148.9	188.9

Manual Integrations
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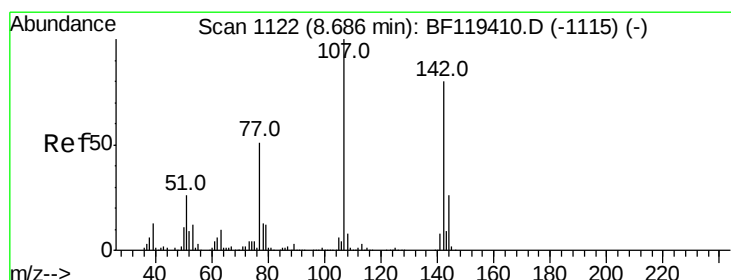
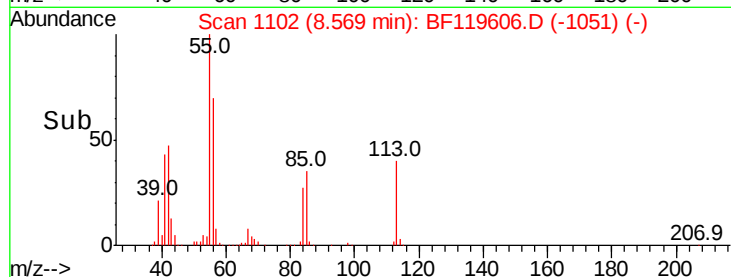
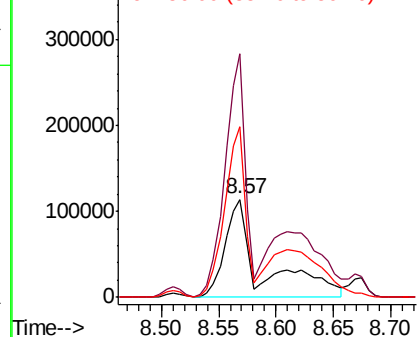


Abundance

Ion 113.00 (112.70 to 113.70): E

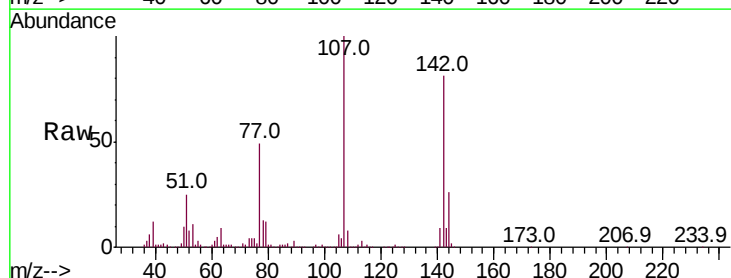
Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36
4-Chloro-3-methylphenol
Concen: 52.703 ng/ml
RT: 8.67 min Scan# 1120
Delta R.T. -0.00 min
Lab File: BF119606.D
Acq: 28 Mar 2020 9:35

Tgt Ion	Ratio	Lower	Upper
107	100		
144	26.1	21.0	31.6
142	81.2	64.4	96.6

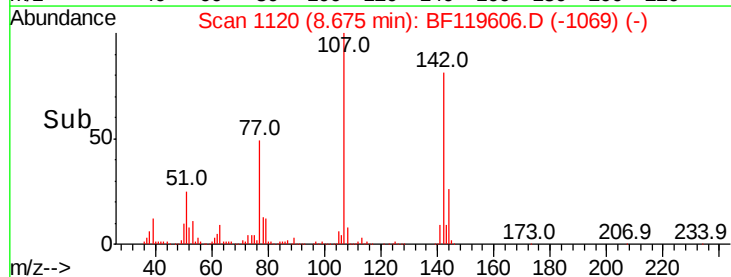
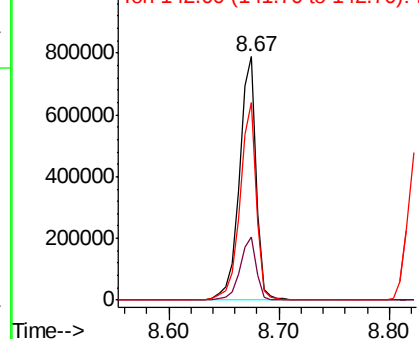


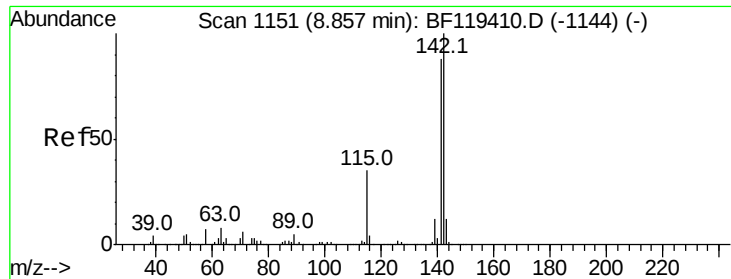
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





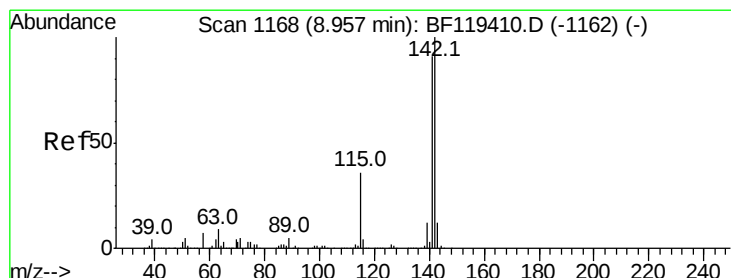
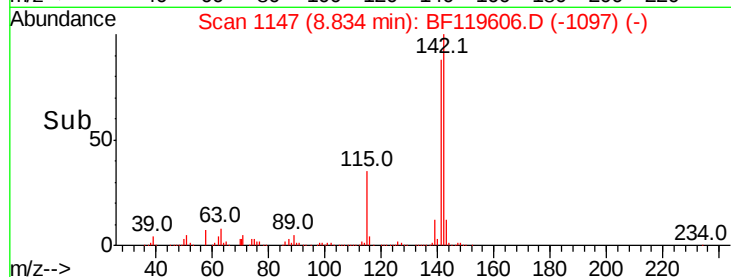
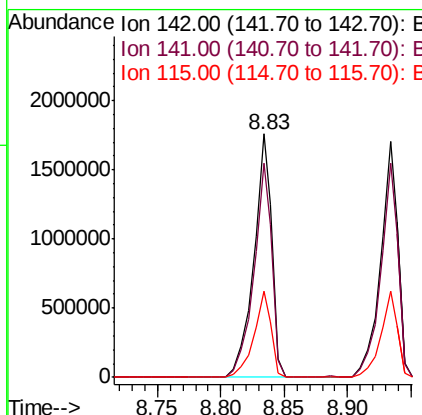
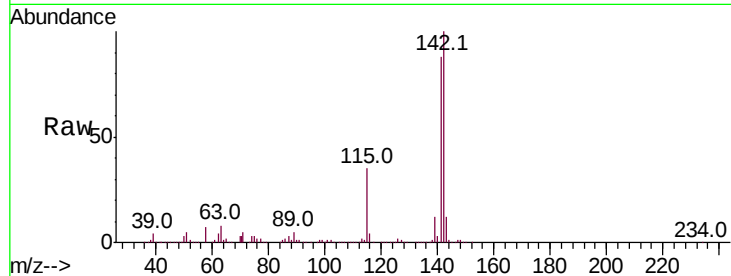
#37
2-Methylnaphthalene
Concen: 52.247 ng
RT: 8.83 min Scan# 1147
Delta R.T. -0.01 min
Lab File: BF119606.D
Acq: 28 Mar 2020 9:35

Instrument :
BNA_F
ClientSampleId :
SB-5-(10-12)MS

Tot Ion:142 Resp: 1748839
Ion Ratio Lower Upper
142 100
141 88.2 71.7 107.5
115 35.1 27.9 41.9

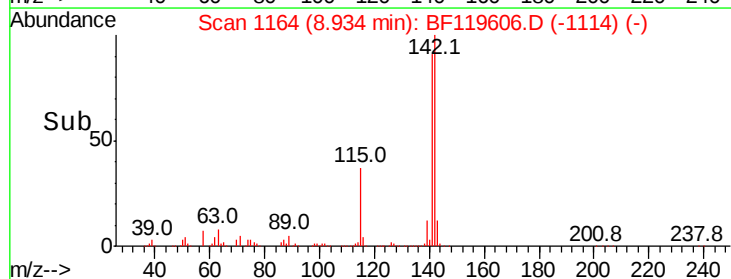
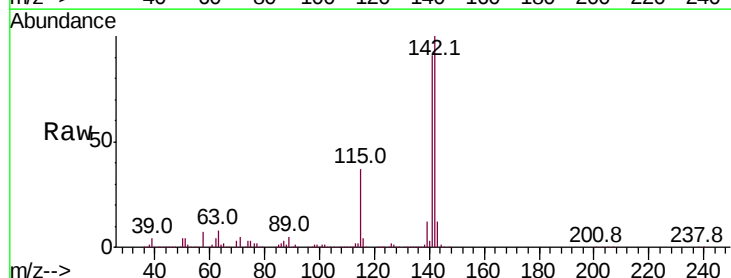
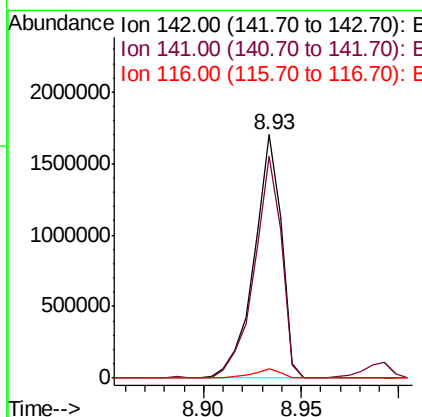
Manual Integrations
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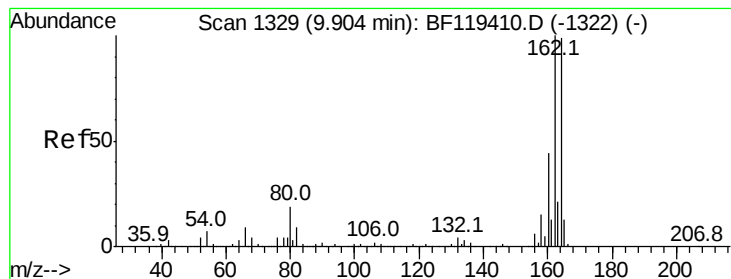
mohammad
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#38
1-Methylnaphthalene
Concen: 51.825 ng
RT: 8.93 min Scan# 1164
Delta R.T. -0.01 min
Lab File: BF119606.D
Acq: 28 Mar 2020 9:35

Tgt Ion:142 Resp: 1641914
Ion Ratio Lower Upper
142 100
141 91.2 73.7 110.5
116 4.0 3.0 4.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.88 min Scan# 1325

Delta R.T. -0.01 min

Lab File: BF119606.D

Acq: 28 Mar 2020 9:35

Instrument :

BNA_F

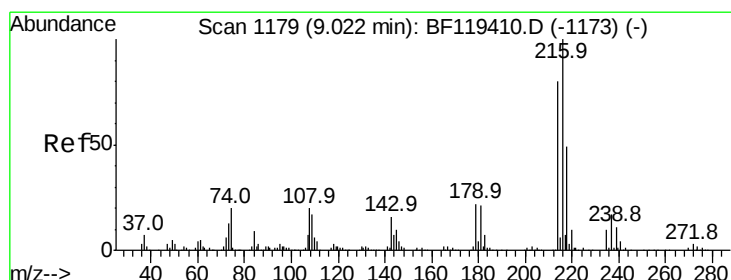
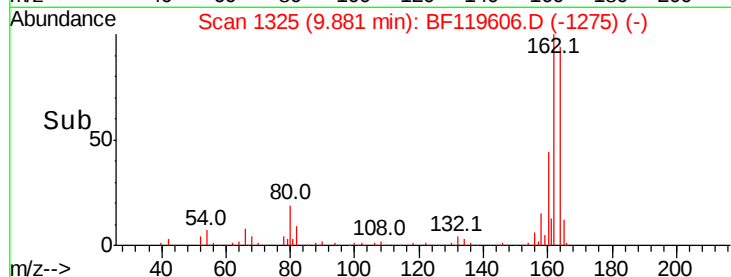
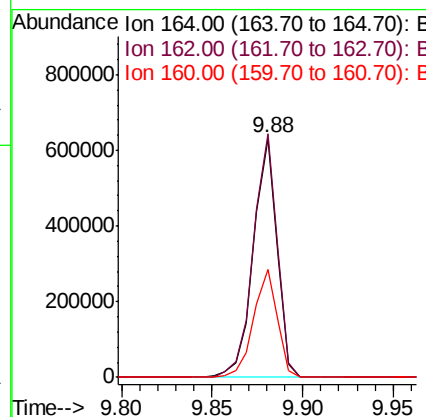
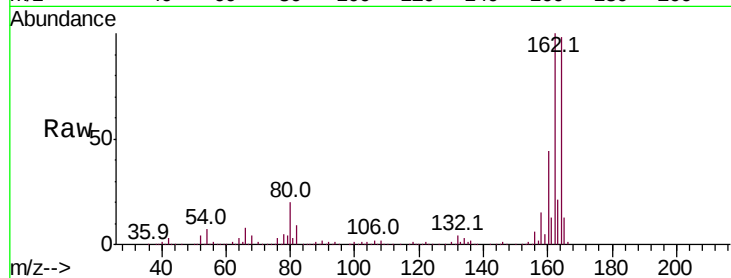
ClientSampleId :

SB-5-(10-12)MS

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	102.0	80.6	121.0	
160	45.2	35.7	53.5	

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#40

1,2,4,5-Tetrachlorobenzene

Concen: 46.339 ng

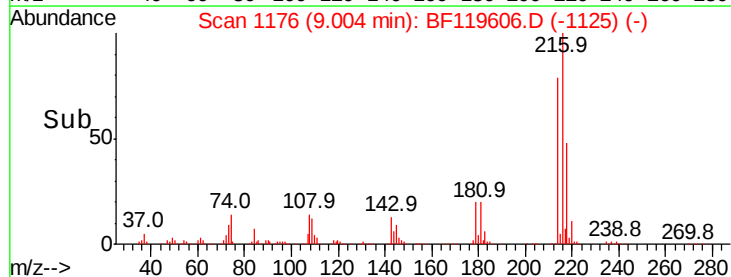
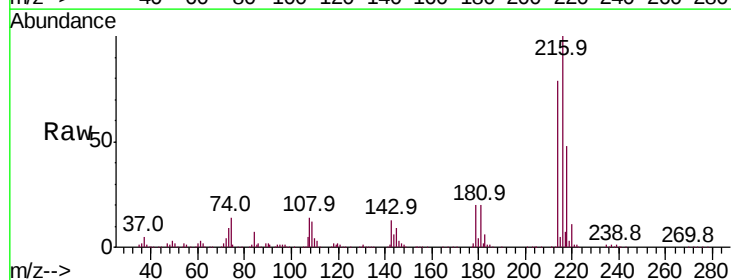
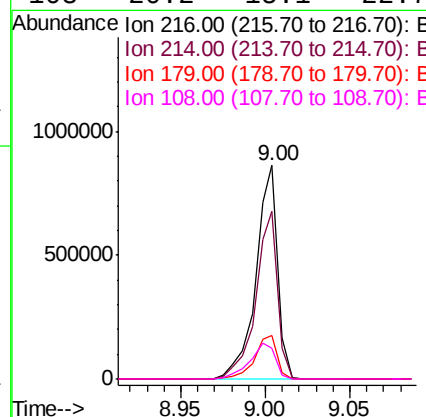
RT: 9.00 min Scan# 1176

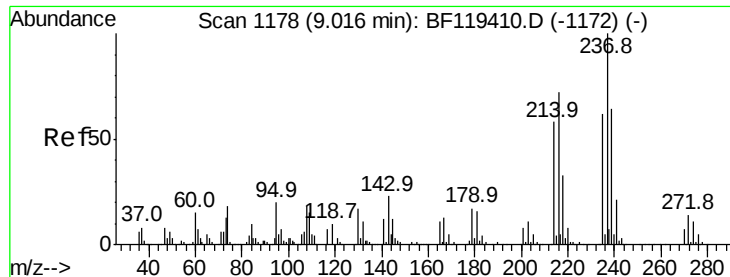
Delta R.T. -0.00 min

Lab File: BF119606.D

Acq: 28 Mar 2020 9:35

Tgt Ion	Ratio	Resp	Lower	Upper
216	100			
214	79.2	63.2	94.8	
179	21.2	17.1	25.7	
108	20.2	15.1	22.7	





#41

Hexachlorocyclopentadiene

Concen: 87.880 ng

RT: 8.99 min Scan# 1174

Delta R.T. -0.00 min

Lab File: BF119606.D

Acq: 28 Mar 2020 9:35

Instrument :

BNA_F

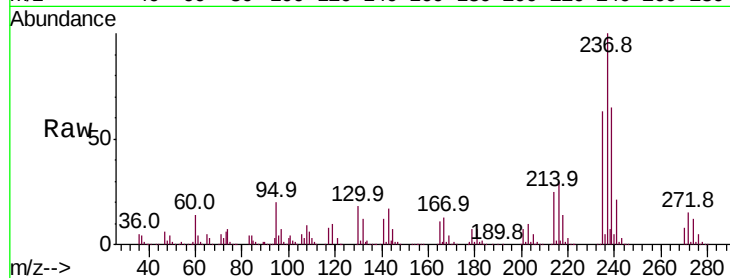
ClientSampleId :

SB-5-(10-12)MS

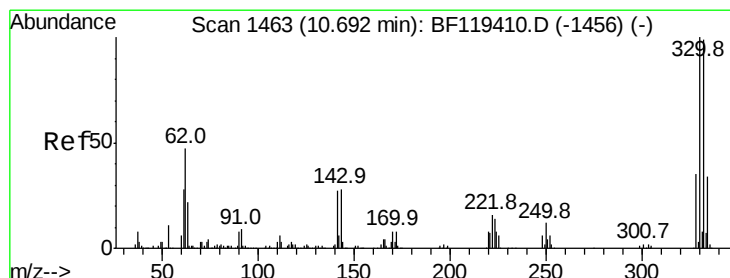
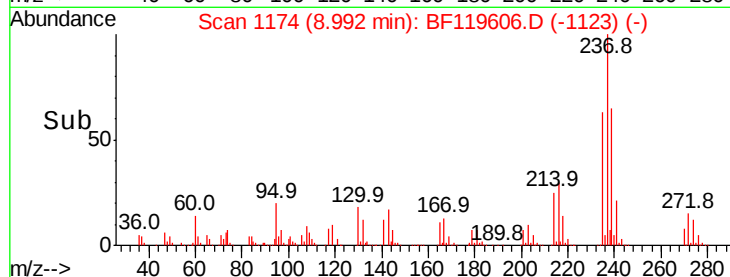
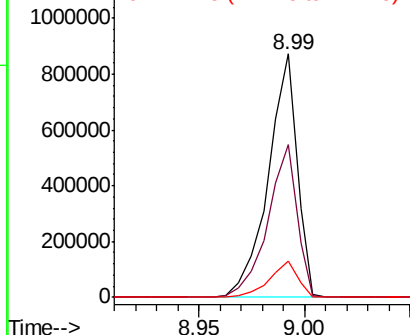
Tot Ion:	237	Resp:	835026
Ion Ratio	Lower	Upper	
237	100		
235	62.8	43.2	83.2
272	14.8	0.0	34.1

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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: 103.439 ng

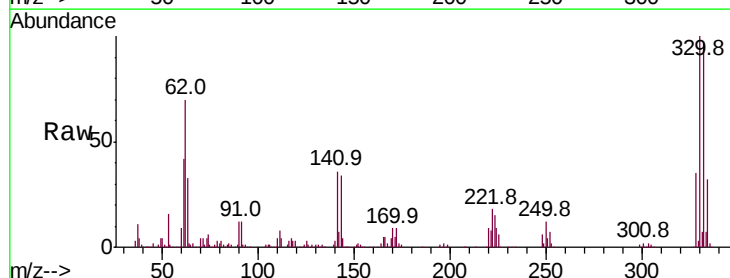
RT: 10.67 min Scan# 1459

Delta R.T. -0.01 min

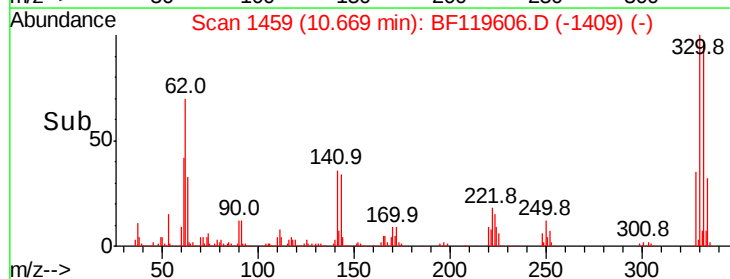
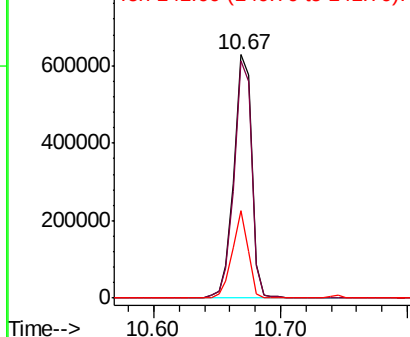
Lab File: BF119606.D

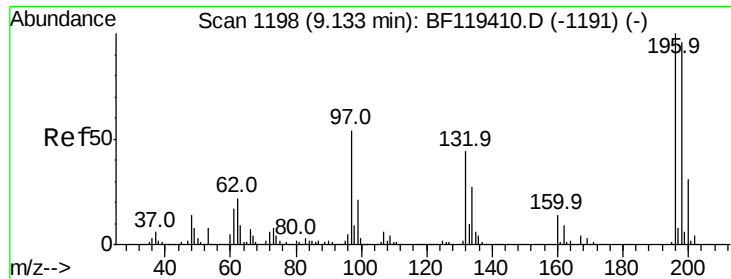
Acq: 28 Mar 2020 9:35

Tgt Ion:	330	Resp:	608506
Ion Ratio	Lower	Upper	
330	100		
332	96.3	75.7	113.5
141	31.8	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





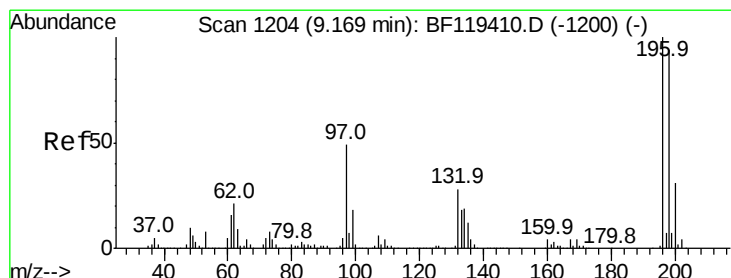
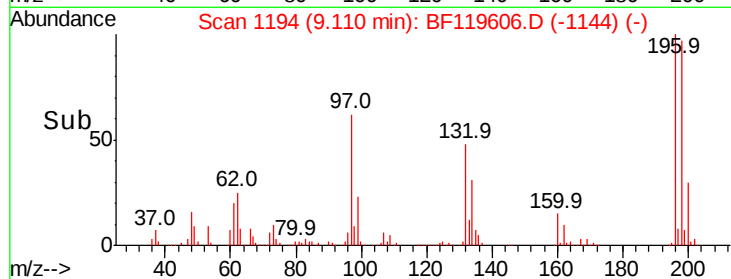
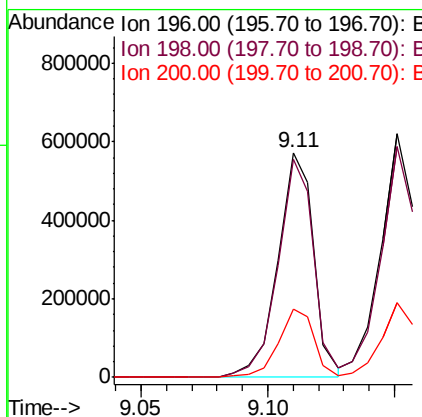
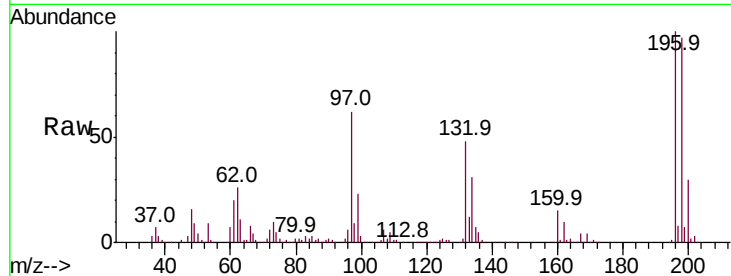
#43
 2,4,6-Trichlorophenol
 Concen: 47.174 ng
 RT: 9.11 min Scan# 1194
 Delta R.T. -0.01 min
 Lab File: BF119606.D
 Acq: 28 Mar 2020 9:35

Instrument :
 BNA_F
 ClientSampleId :
 SB-5-(10-12)MS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	564231		
198	96.9	76.6	115.0	
200	30.3	24.6	36.8	

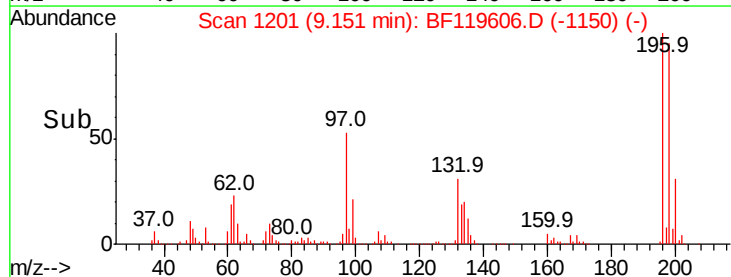
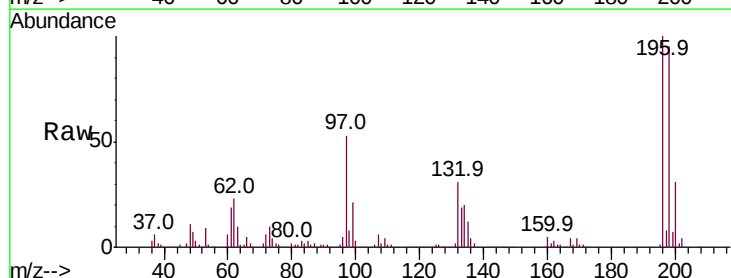
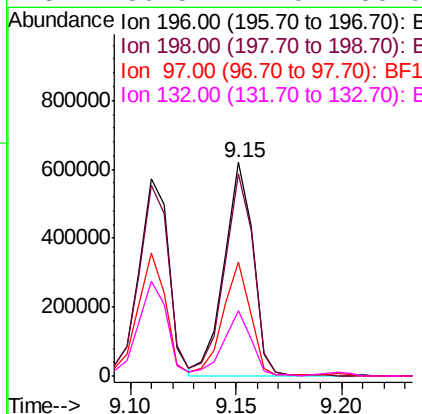
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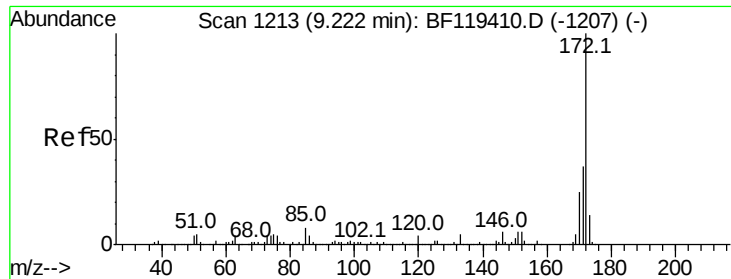
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#44
 2,4,5-Trichlorophenol
 Concen: 43.569 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. -0.00 min
 Lab File: BF119606.D
 Acq: 28 Mar 2020 9:35

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	583770		
198	94.9	73.8	110.8	
97	53.4	42.6	63.8	
132	30.5	24.0	36.0	





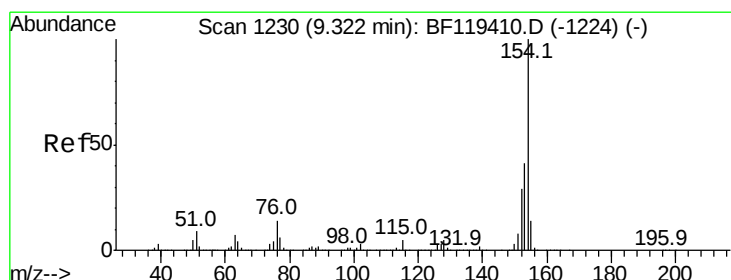
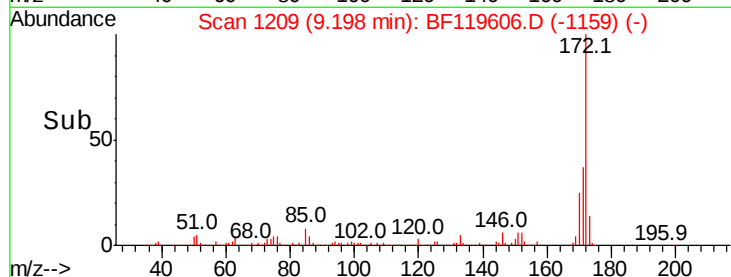
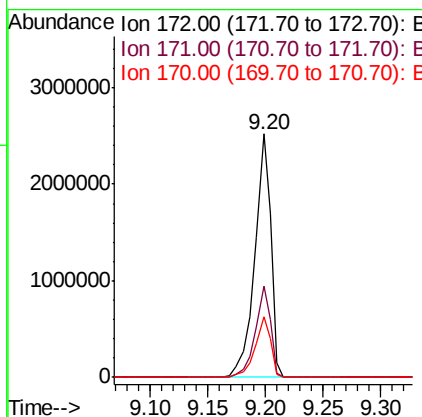
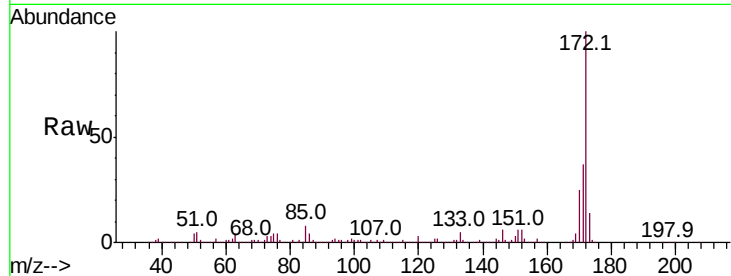
#45
2-Fluorobiphenyl
Concen: 62.810 ng
RT: 9.20 min Scan# 1209
Delta R.T. -0.01 min
Lab File: BF119606.D
Acq: 28 Mar 2020 9:35

Instrument :
BNA_F
ClientSampleId :
SB-5-(10-12)MS

Tot Ion:172 Resp: 2417560
Ion Ratio Lower Upper
172 100
171 37.2 29.6 44.4
170 24.8 20.2 30.2

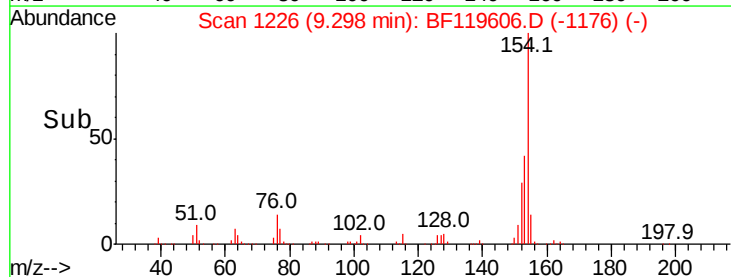
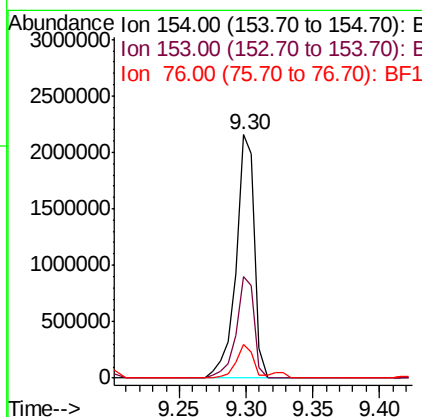
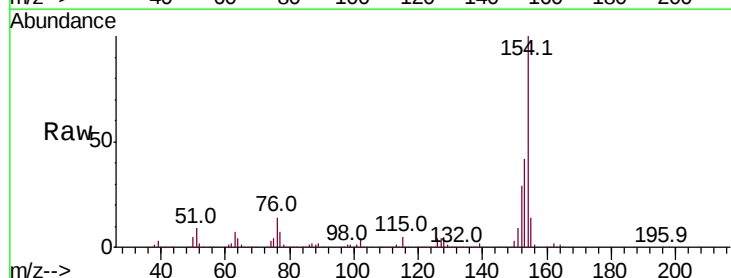
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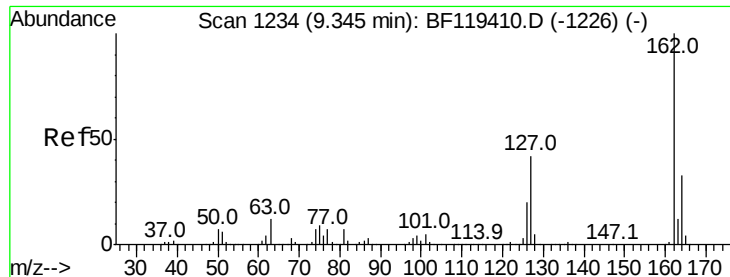
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#46
1,1'-Biphenyl
Concen: 44.646 ng
RT: 9.30 min Scan# 1226
Delta R.T. -0.01 min
Lab File: BF119606.D
Acq: 28 Mar 2020 9:35

Tgt Ion:154 Resp: 2073407
Ion Ratio Lower Upper
154 100
153 41.6 21.4 61.4
76 13.6 0.0 33.0





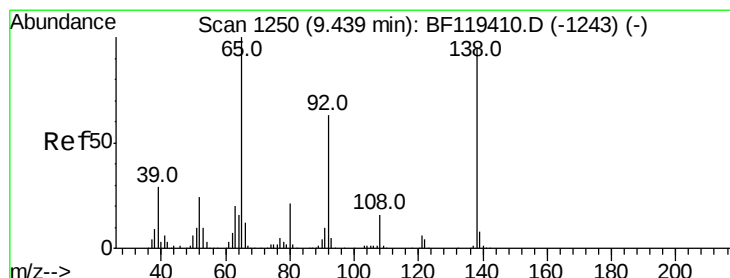
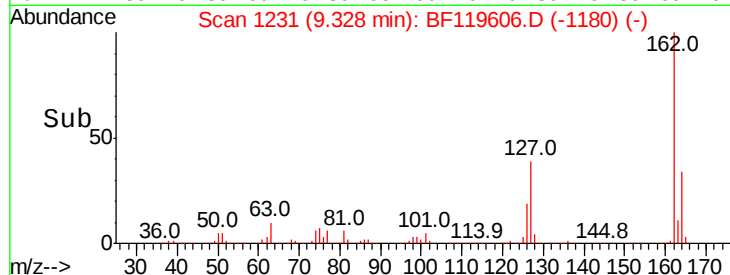
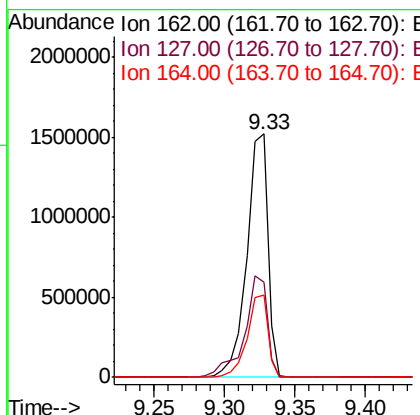
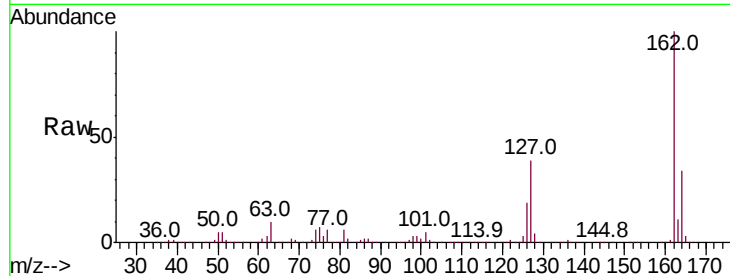
#47
 2-Chloronaphthalene
 Concen: 43.946 ng
 RT: 9.33 min Scan# 1231
 Delta R.T. -0.00 min
 Lab File: BF119606.D
 Acq: 28 Mar 2020 9:35

Instrument :
 BNA_F
 ClientSampleId :
 SB-5-(10-12)MS

Tot Ion	Ratio	Lower	Upper
162	100		
127	39.3	33.7	50.5
164	33.6	26.3	39.5

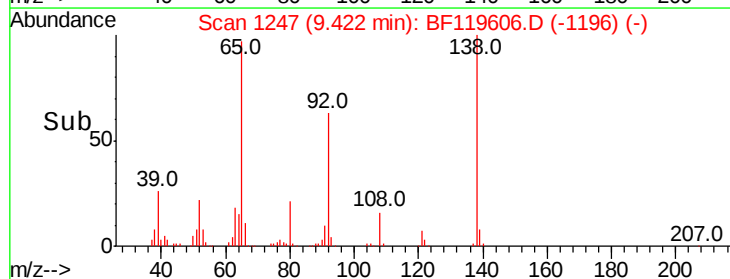
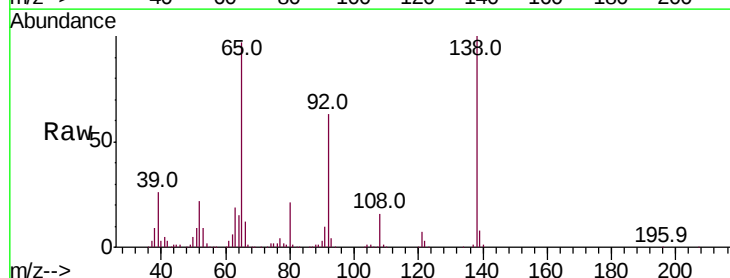
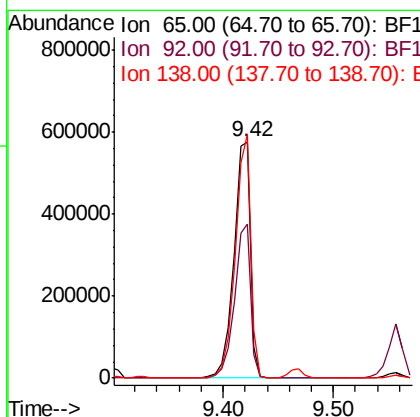
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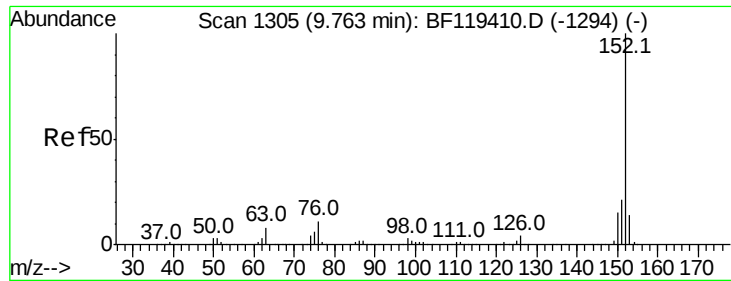
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#48
 2-Nitroaniline
 Concen: 48.139 ng
 RT: 9.42 min Scan# 1247
 Delta R.T. -0.00 min
 Lab File: BF119606.D
 Acq: 28 Mar 2020 9:35

Tgt Ion	Ratio	Lower	Upper
65	100		
92	65.0	50.0	75.0
138	103.1	75.0	112.4





#49

Acenaphthylene

Concen: 47.405 ng

RT: 9.75 min Scan# 1302

Delta R.T. -0.00 min

Lab File: BF119606.D

Acq: 28 Mar 2020 9:35

Instrument :

BNA_F

ClientSampleId :

SB-5-(10-12)MS

Tot Ion:152 Resp: 2708107

Ion Ratio Lower Upper

152 100

151 21.1 17.2 25.8

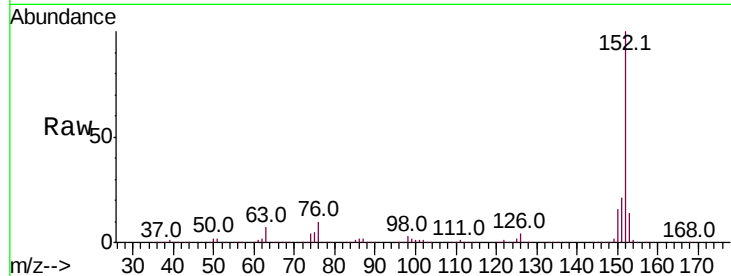
153 13.8 11.2 16.8

Manual Integrations

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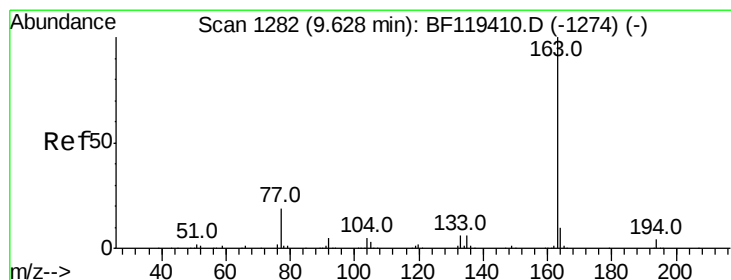
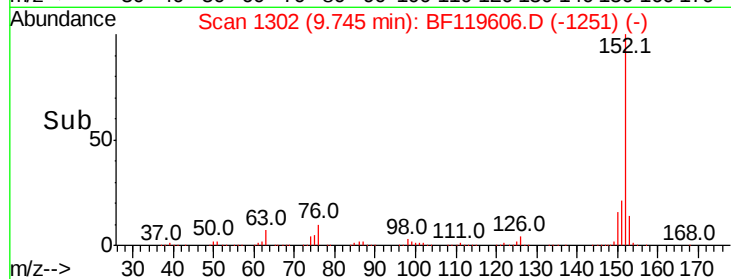
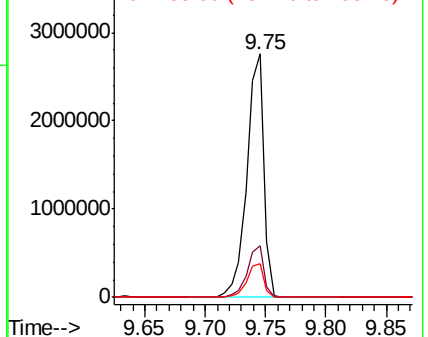
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Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 55.163 ng

RT: 9.60 min Scan# 1278

Delta R.T. -0.01 min

Lab File: BF119606.D

Acq: 28 Mar 2020 9:35

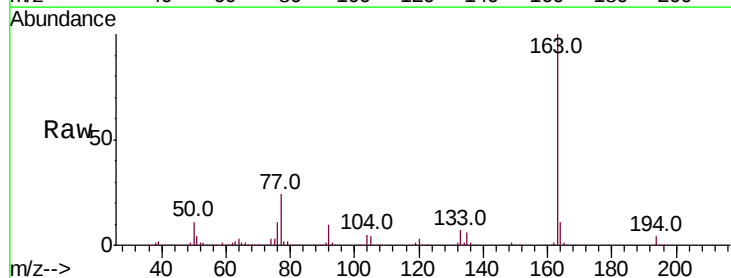
Tgt Ion:163 Resp: 2234242

Ion Ratio Lower Upper

163 100

194 3.8 3.1 4.7

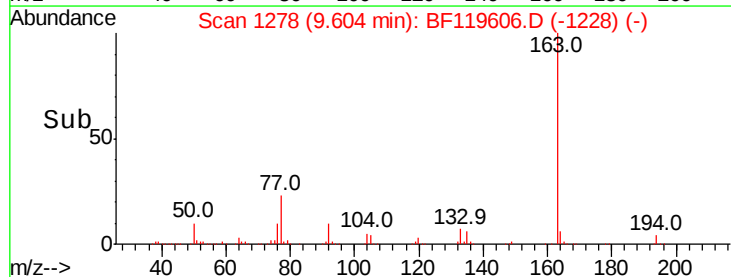
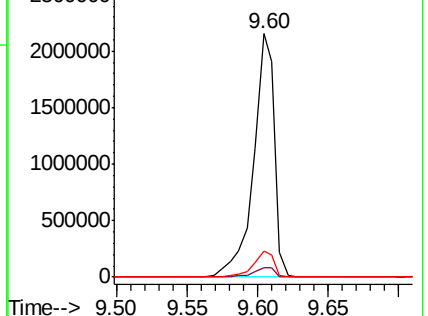
164 10.6 8.2 12.2

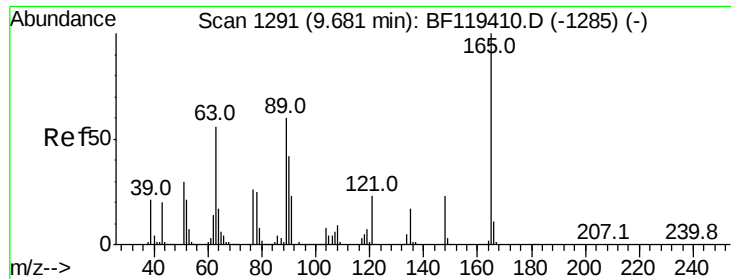


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





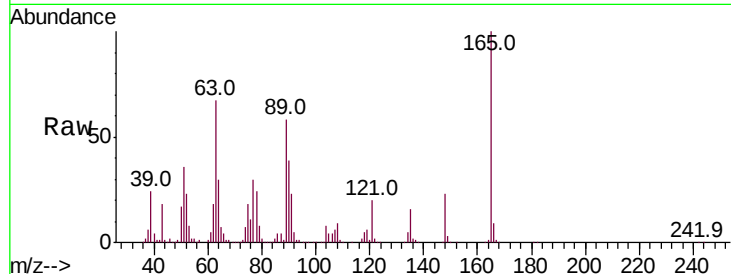
#51
2,6-Dinitrotoluene
Concen: 53.612 ng
RT: 9.66 min Scan# 1288
Delta R.T. -0.01 min
Lab File: BF119606.D
Acq: 28 Mar 2020 9:35

Instrument :
BNA_F
ClientSampleId :
SB-5-(10-12)MS

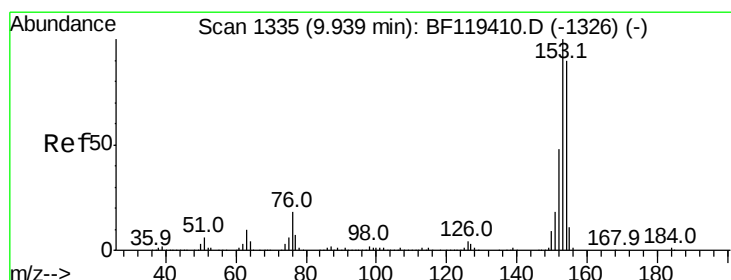
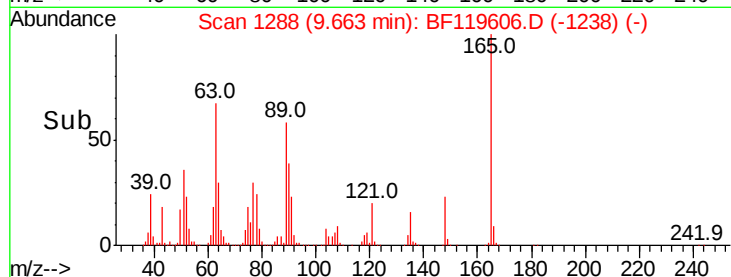
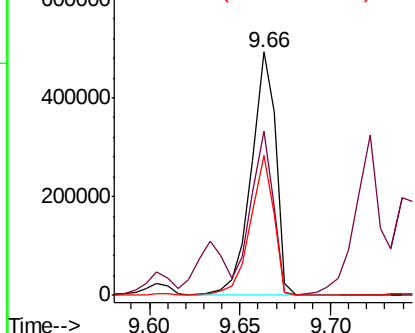
Tot Ion	Ratio	Resp	Lower	Upper
165	100	465431		
63	67.4	45.0	67.4	
89	57.5	41.5	62.3	

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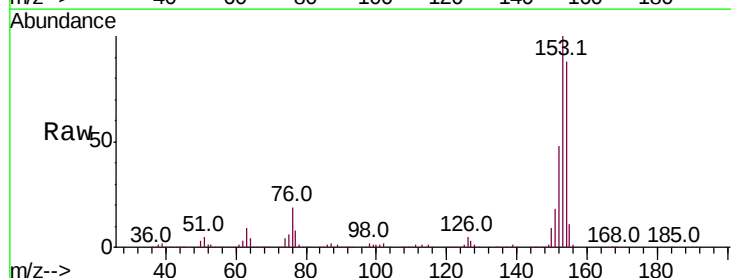


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

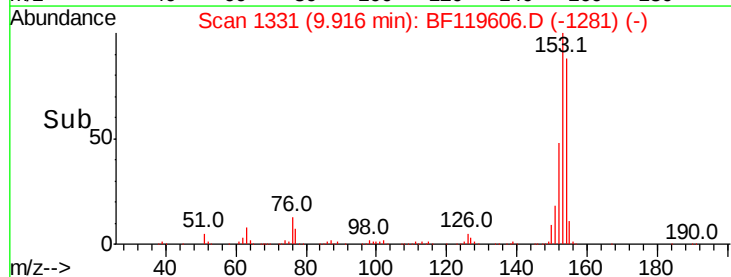
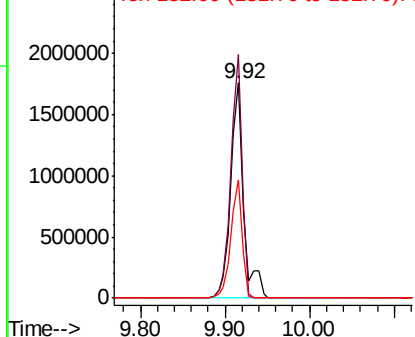


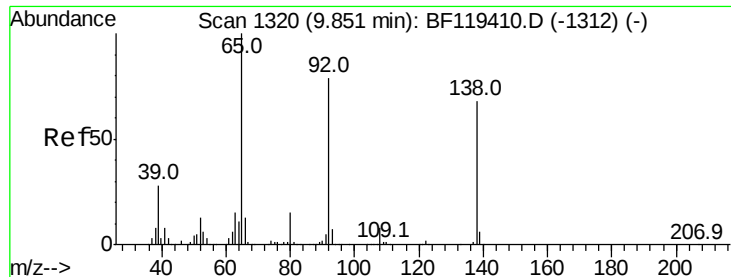
#52
Acenaphthene
Concen: 51.754 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.01 min
Lab File: BF119606.D
Acq: 28 Mar 2020 9:35

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	1843153		
153	113.2	88.1	132.1	
152	54.9	43.0	64.4	



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E





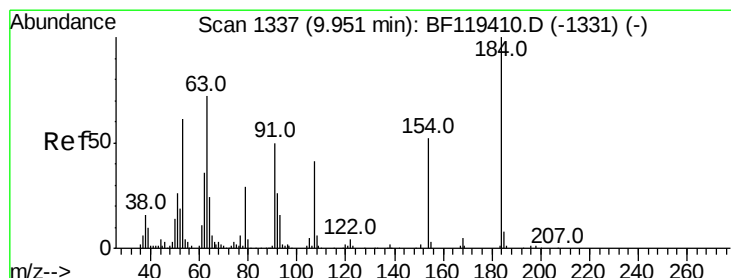
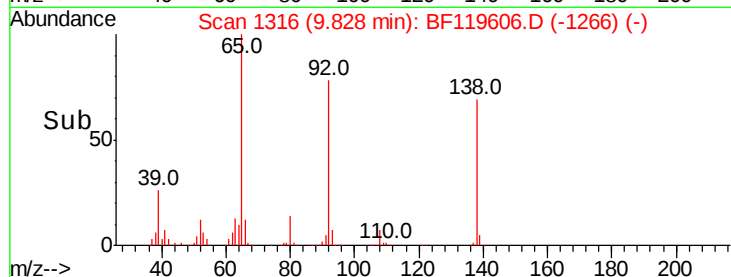
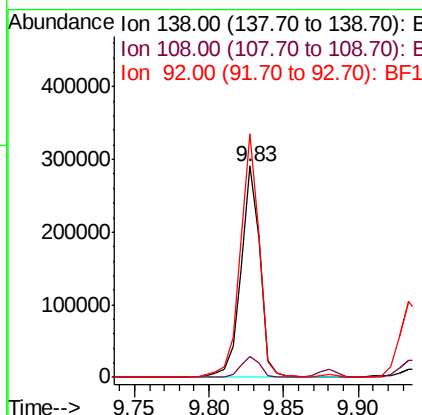
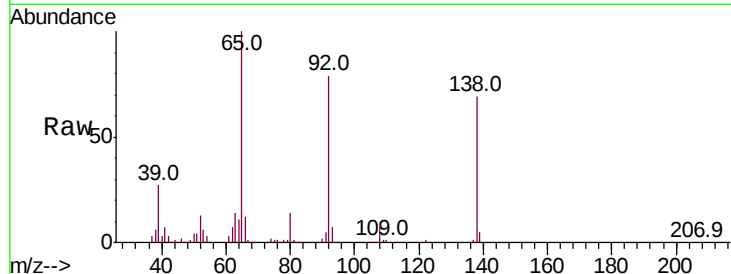
#53
3-Nitroaniline
Concen: 23.387 ng
RT: 9.83 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BF119606.D
Acq: 28 Mar 2020 9:35

Instrument :
BNA_F
ClientSampleId :
SB-5-(10-12)MS

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.0	8.6	13.0
92	115.3	95.4	143.0

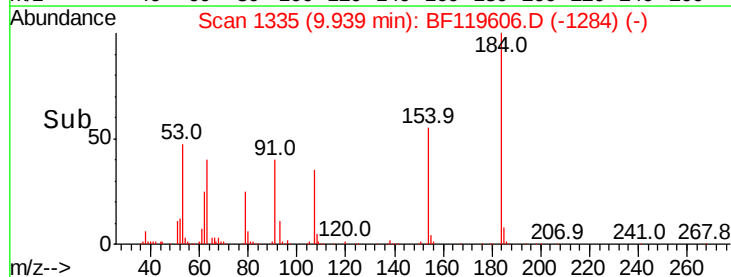
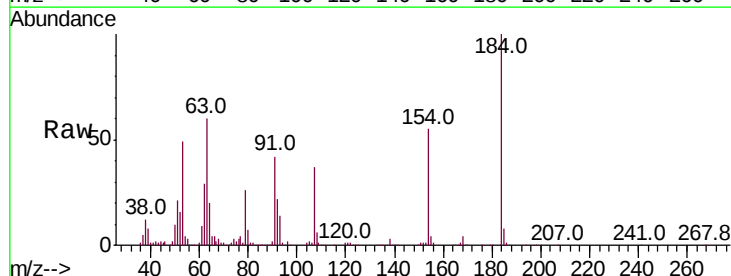
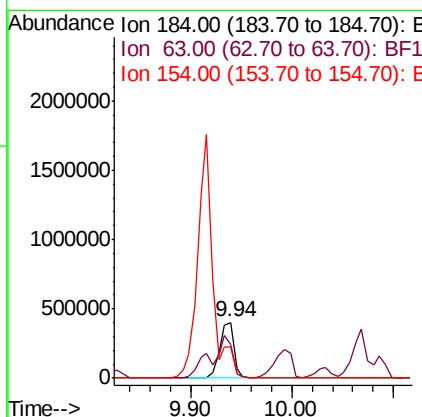
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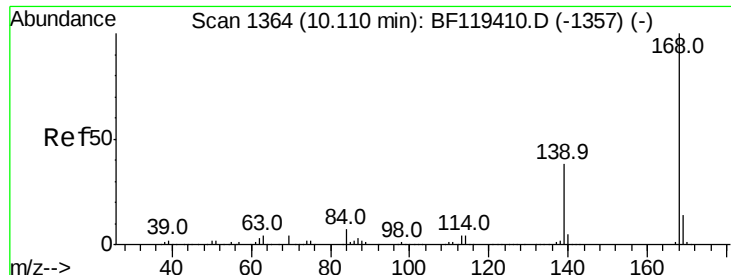
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#54
2,4-Dinitrophenol
Concen: 102.663 ng
RT: 9.94 min Scan# 1335
Delta R.T. -0.00 min
Lab File: BF119606.D
Acq: 28 Mar 2020 9:35

Tgt Ion	Ratio	Lower	Upper
184	100		
63	59.8	50.2	75.4
154	55.1	44.5	66.7





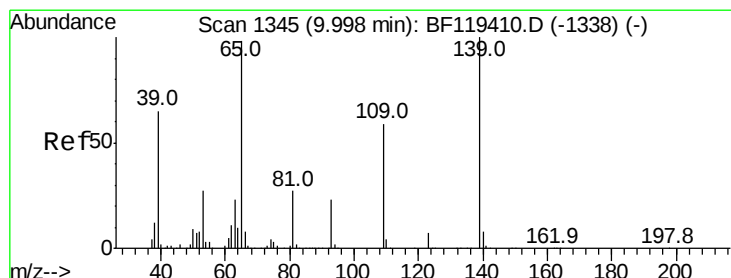
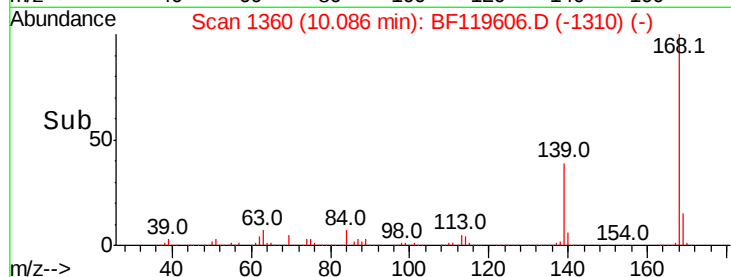
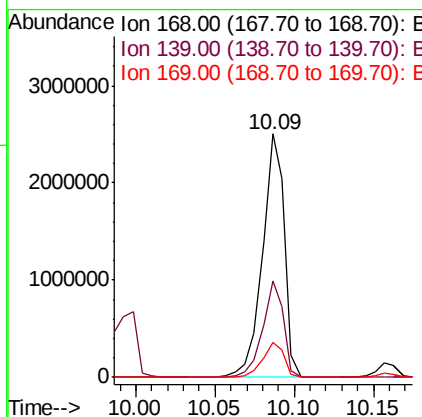
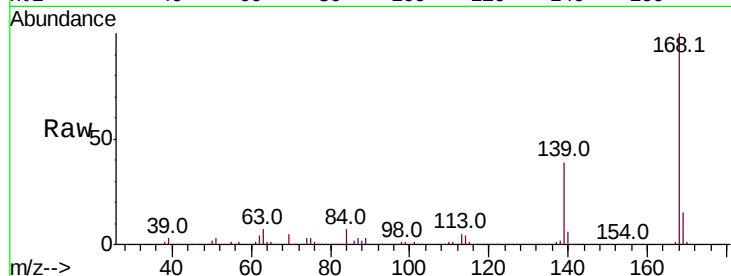
#55
Dibenzofuran
Concen: 47.305 ng
RT: 10.09 min Scan# 1360
Delta R.T. -0.01 min
Lab File: BF119606.D
Acq: 28 Mar 2020 9:35

Instrument :
BNA_F
ClientSampleId :
SB-5-(10-12)MS

Tot Ion	Ratio	Lower	Upper
168	100		
139	39.4	30.1	45.1
169	14.6	11.0	16.6

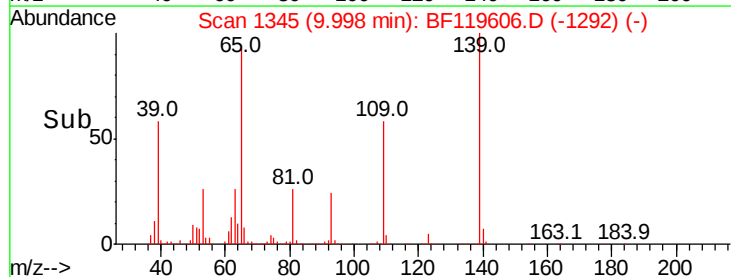
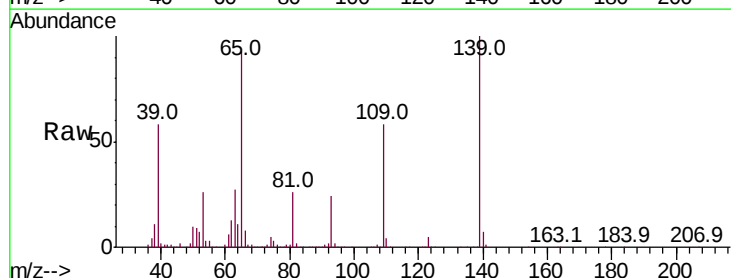
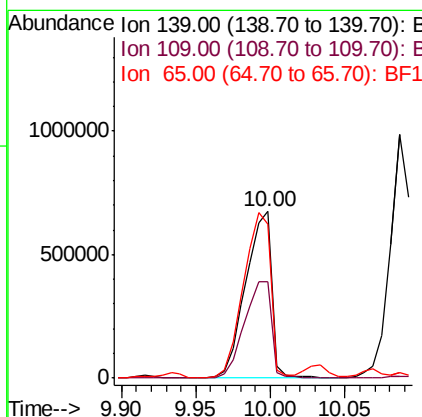
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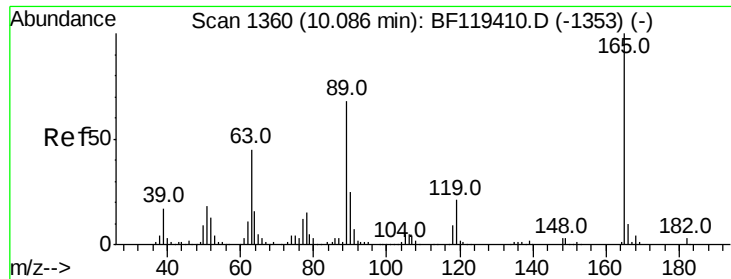
mohammad
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#56
4-Nitrophenol
Concen: 93.975 ng
RT: 10.00 min Scan# 1345
Delta R.T. 0.01 min
Lab File: BF119606.D
Acq: 28 Mar 2020 9:35

Tgt Ion	Ratio	Lower	Upper
139	100		
109	58.0	43.3	83.3
65	92.7	91.0	131.0





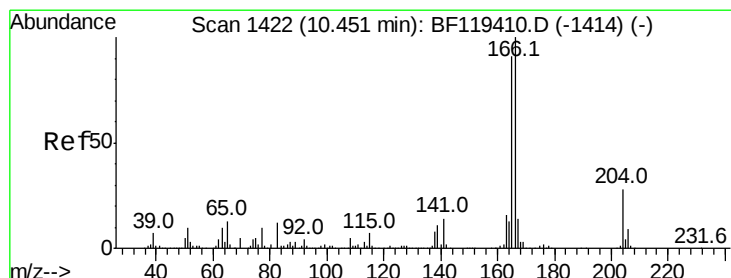
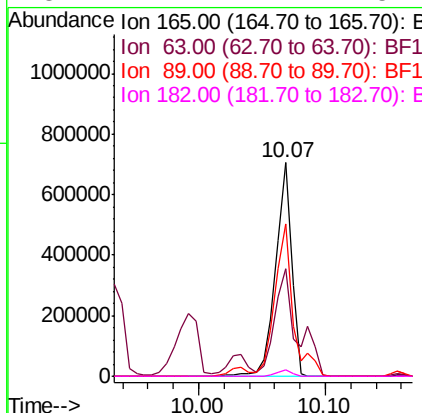
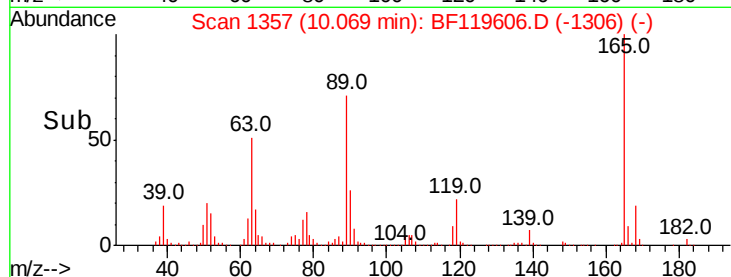
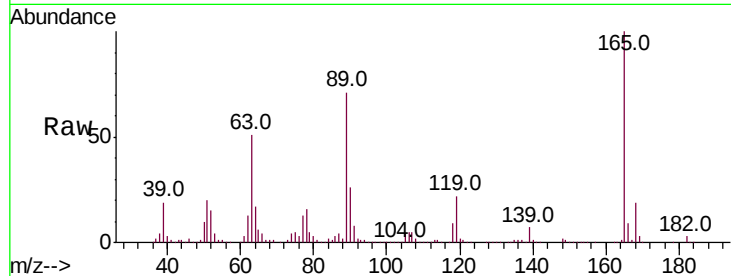
#57
2,4-Dinitrotoluene
Concen: 56.484 ng
RT: 10.07 min Scan# 1357
Delta R.T. -0.00 min
Lab File: BF119606.D
Acq: 28 Mar 2020 9:35

Instrument :
BNA_F
ClientSampleId :
SB-5-(10-12)MS

Tot Ion	Ratio	Lower	Upper
165	100		
63	50.6	42.6	64.0
89	71.1	61.0	91.4
182	2.7	2.2	3.2

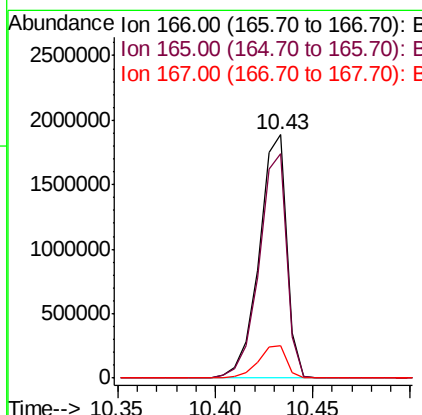
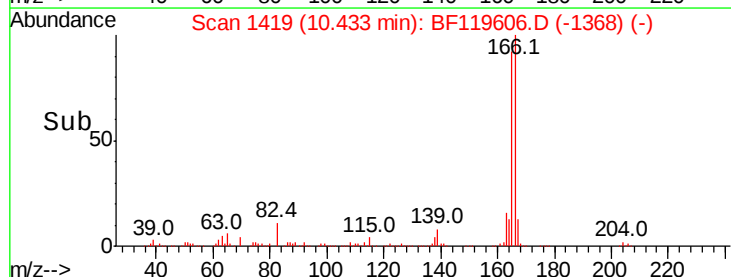
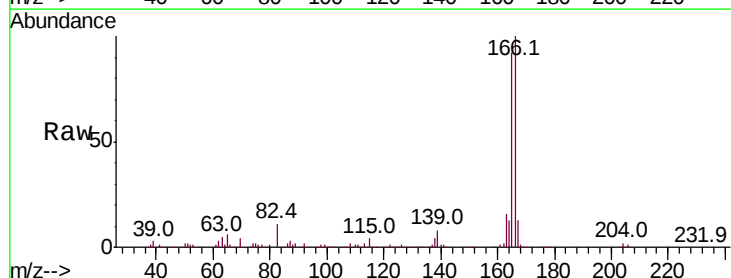
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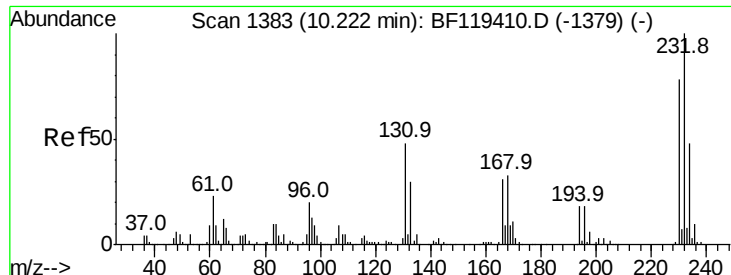
mohammad
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#58
Fluorene
Concen: 48.786 ng
RT: 10.43 min Scan# 1419
Delta R.T. -0.00 min
Lab File: BF119606.D
Acq: 28 Mar 2020 9:35

Tgt Ion	Ratio	Lower	Upper
166	100		
165	92.2	75.4	113.2
167	13.4	11.2	16.8





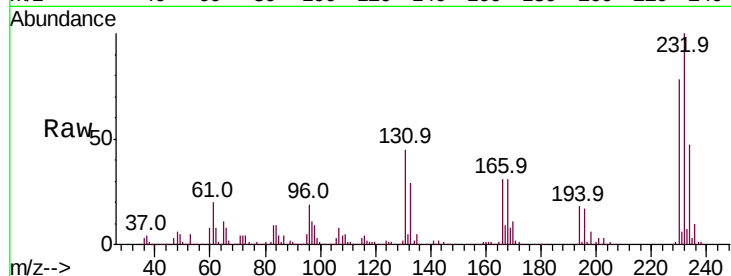
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 52.436 ng
 RT: 10.20 min Scan# 1380
 Delta R.T. -0.00 min
 Lab File: BF119606.D
 Acq: 28 Mar 2020 9:35

Instrument :
 BNA_F
 ClientSampleId :
 SB-5-(10-12)MS

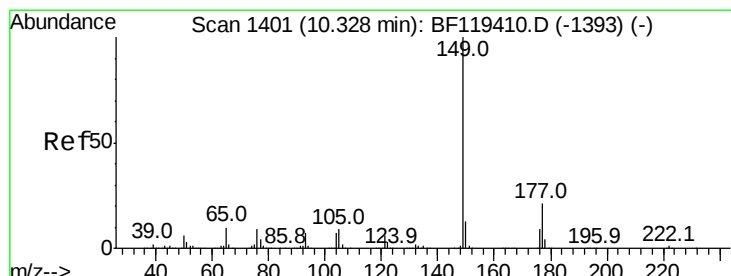
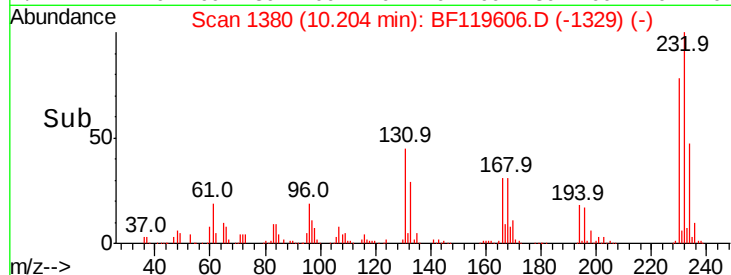
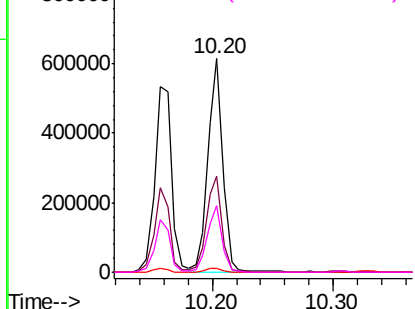
Tot Ion	Ratio	Lower	Upper
232	100		
131	46.2	37.5	56.3
130	2.1	1.8	2.6
166	30.9	24.6	36.8

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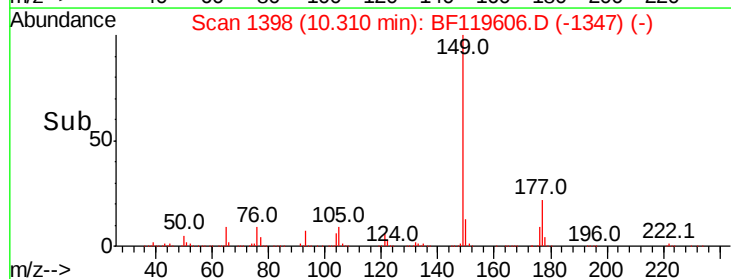
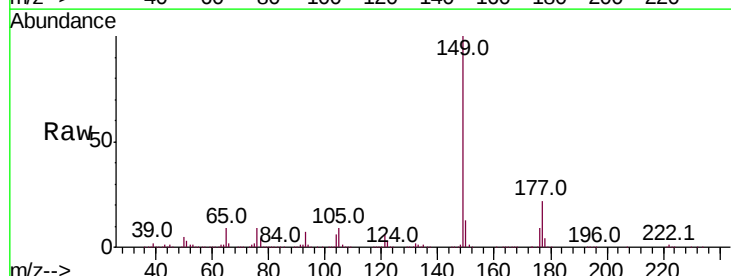
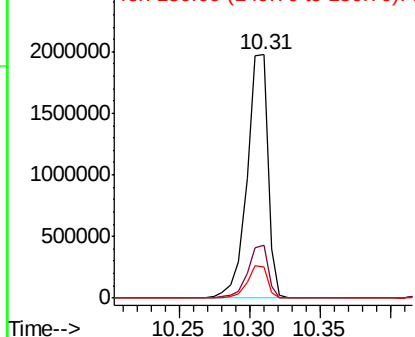
Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

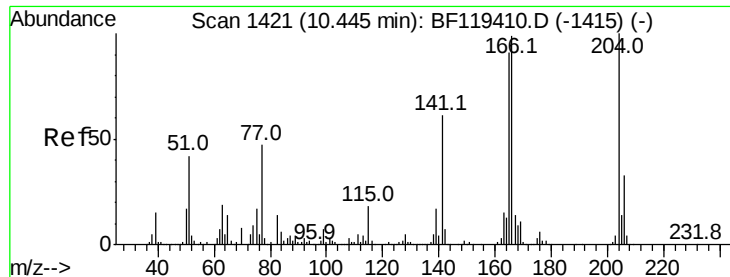


#60
 Diethylphthalate
 Concen: 49.871 ng
 RT: 10.31 min Scan# 1398
 Delta R.T. 0.00 min
 Lab File: BF119606.D
 Acq: 28 Mar 2020 9:35

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.0	17.0	25.6
150	12.6	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





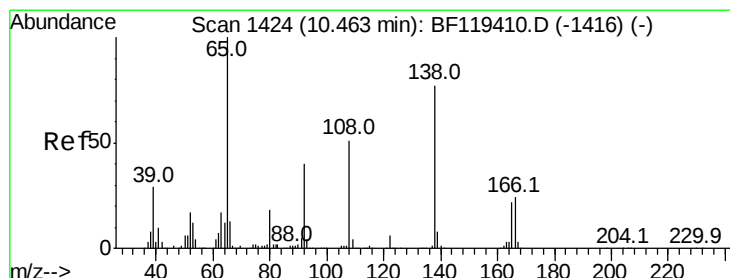
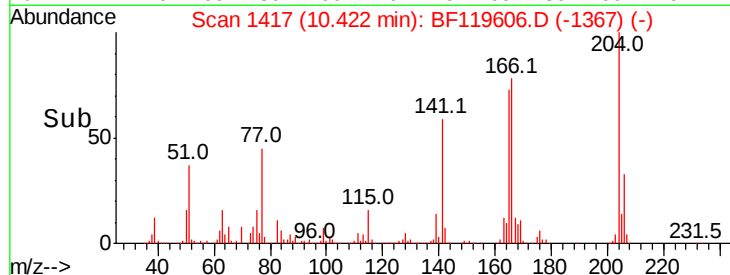
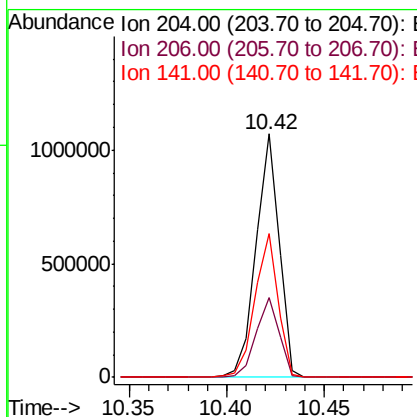
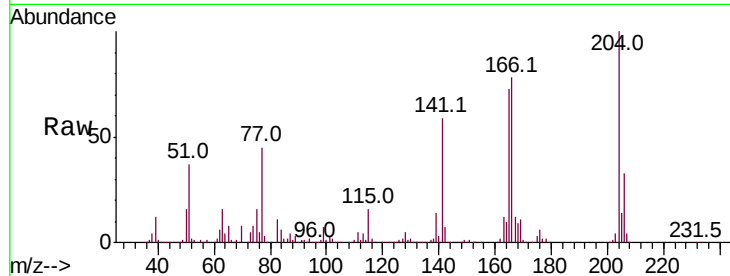
#61
 4-Chlorophenyl-phenylether
 Concen: 47.929 ng
 RT: 10.42 min Scan# 1417
 Delta R.T. -0.01 min
 Lab File: BF119606.D
 Acq: 28 Mar 2020 9:35

Instrument :
 BNA_F
 ClientSampleId :
 SB-5-(10-12)MS

Tot Ion:	204	Resp:	884991
Ion Ratio	Lower	Upper	
204	100		
206	32.9	26.7	40.1
141	59.3	47.3	70.9

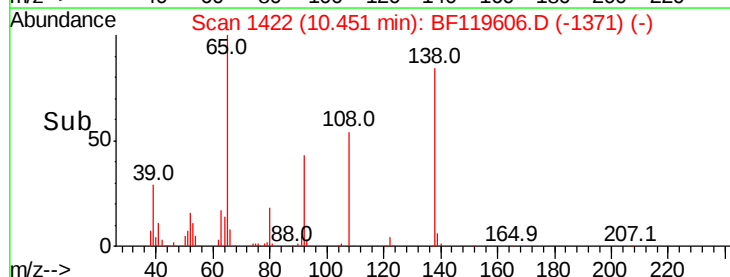
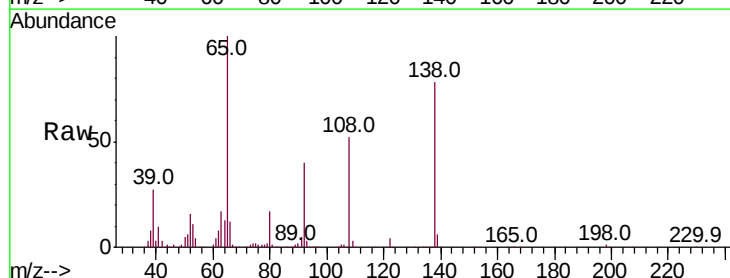
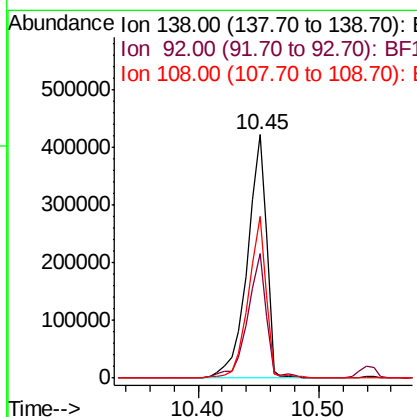
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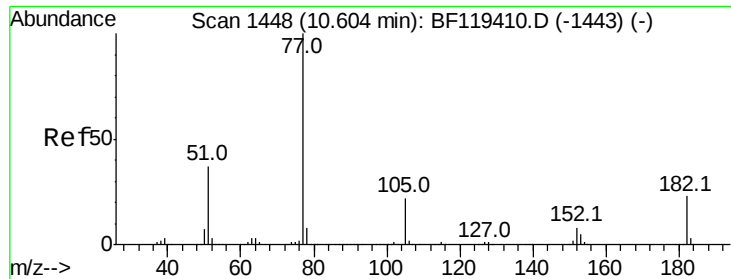
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#62
 4-Nitroaniline
 Concen: 45.094 ng
 RT: 10.45 min Scan# 1422
 Delta R.T. -0.00 min
 Lab File: BF119606.D
 Acq: 28 Mar 2020 9:35

Tgt Ion:	138	Resp:	473949
Ion Ratio	Lower	Upper	
138	100		
92	51.3	31.5	71.5
108	66.6	45.8	85.8





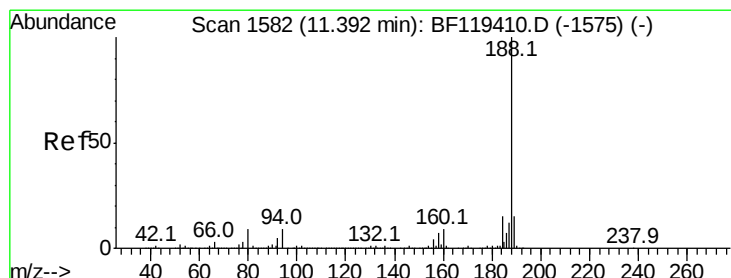
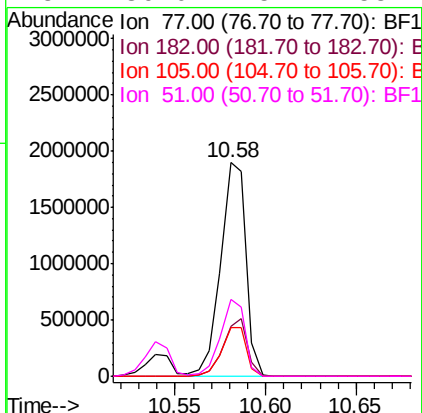
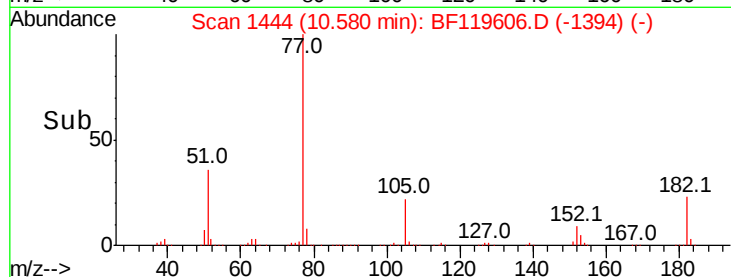
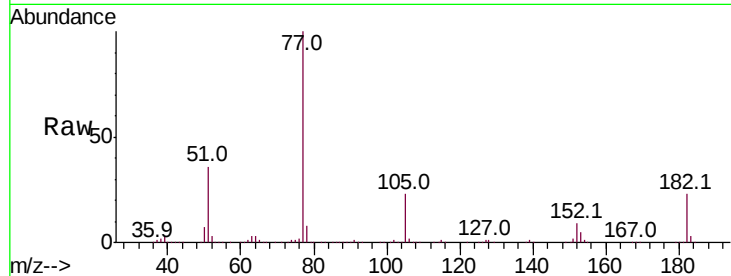
#63
Azobenzene
Concen: 44.466 ng
RT: 10.58 min Scan# 1444
Delta R.T. -0.01 min
Lab File: BF119606.D
Acq: 28 Mar 2020 9:35

Instrument :
BNA_F
ClientSampleId :
SB-5-(10-12)MS

Tot Ion	Ratio	Lower	Upper
77	100		
182	23.3	4.4	44.4
105	22.6	2.6	42.6
51	36.0	15.1	55.1

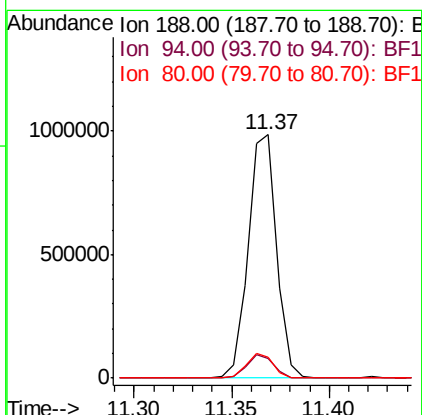
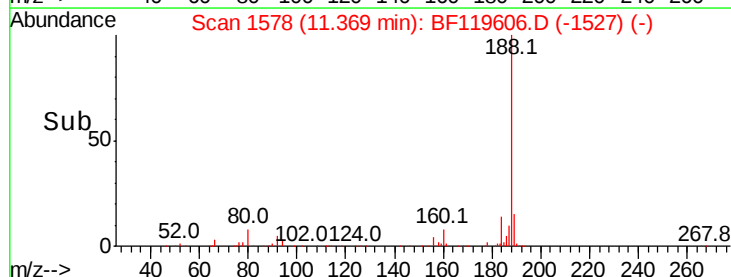
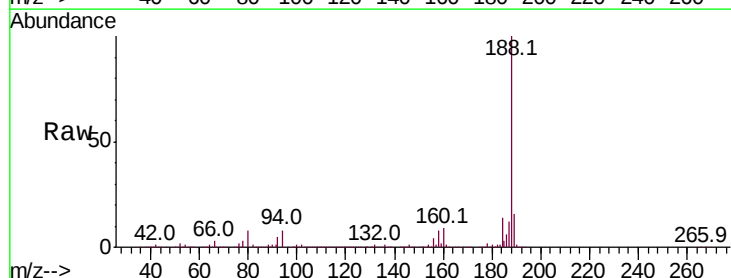
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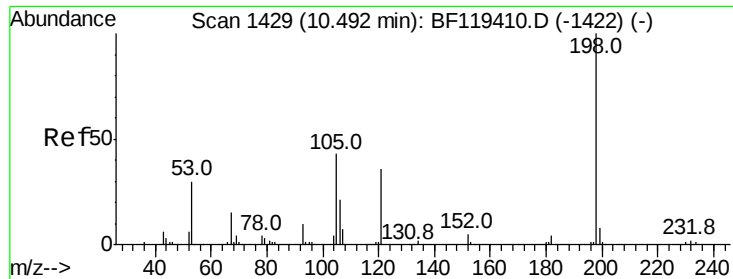
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1578
Delta R.T. -0.00 min
Lab File: BF119606.D
Acq: 28 Mar 2020 9:35

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.0	7.5	11.3
80	8.5	9.0	13.4





#65

4,6-Dinitro-2-methylphenol

Concen: 69.263 ng

RT: 10.47 min Scan# 1426

Delta R.T. -0.01 min

Lab File: BF119606.D

Acq: 28 Mar 2020 9:35

Instrument :

BNA_F

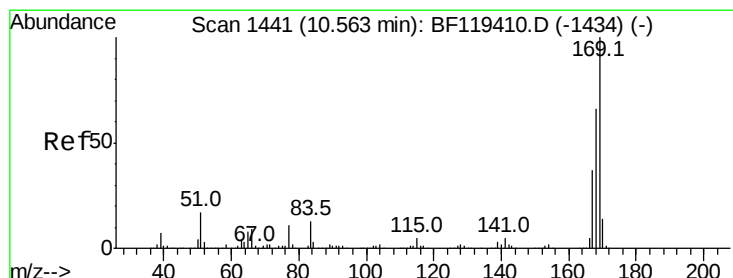
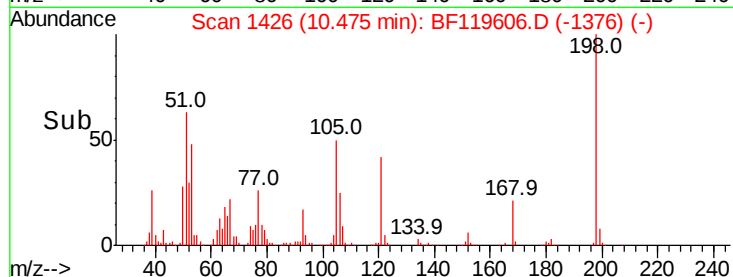
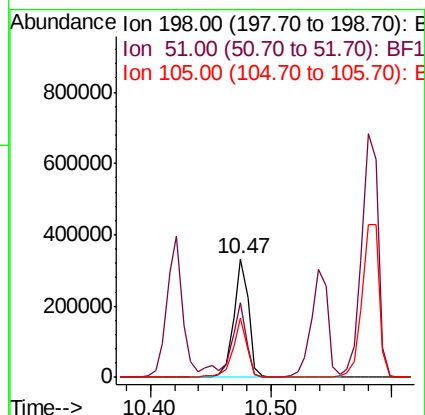
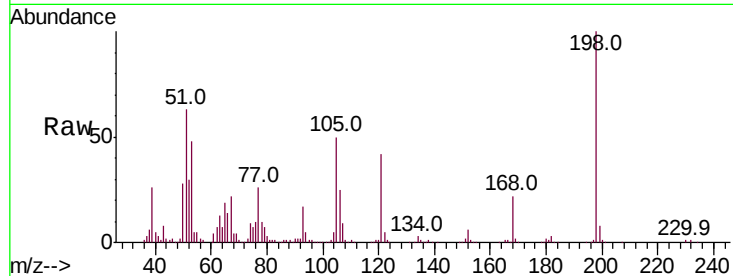
ClientSampleId :

SB-5-(10-12)MS

Tot Ion:	198	Resp:	287221
Ion Ratio	Lower	Upper	
198	100		
51	63.4	29.0	69.0
105	49.8	22.2	62.2

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#66

n-Nitrosodiphenylamine

Concen: 51.843 ng

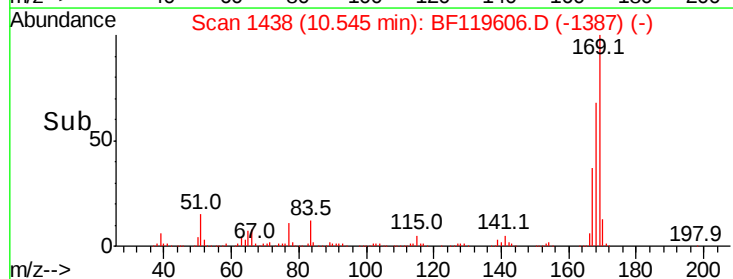
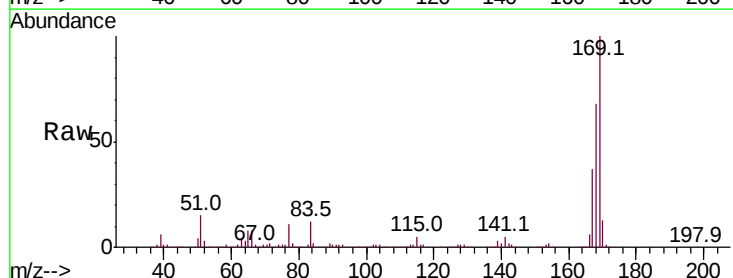
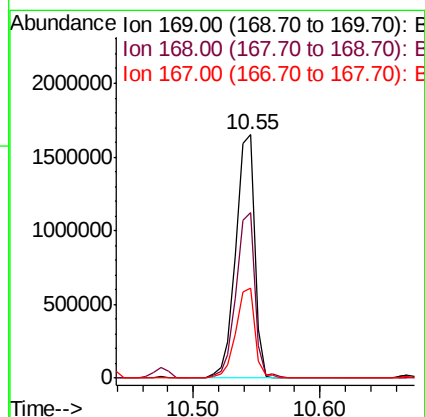
RT: 10.55 min Scan# 1438

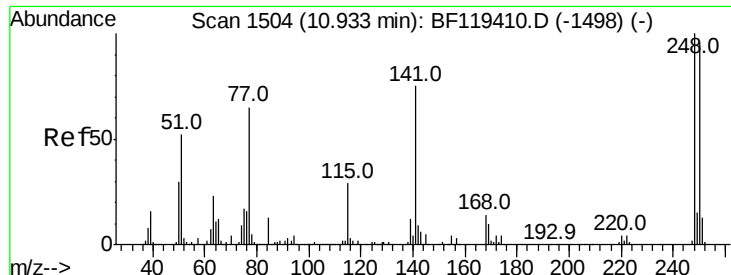
Delta R.T. -0.00 min

Lab File: BF119606.D

Acq: 28 Mar 2020 9:35

Tgt Ion:	169	Resp:	1683081
Ion Ratio	Lower	Upper	
169	100		
168	67.8	53.2	79.8
167	36.9	29.1	43.7





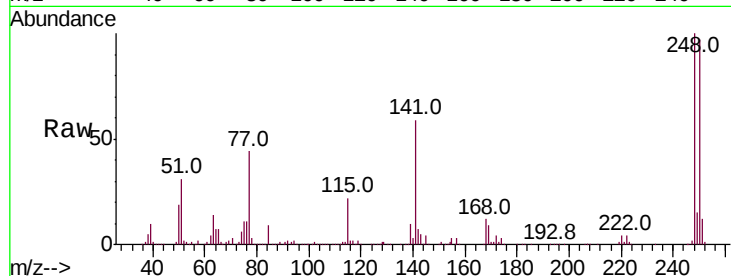
#67
 4-Bromophenyl-phenylether
 Concen: 47.904 ng
 RT: 10.92 min Scan# 1501
 Delta R.T. -0.00 min
 Lab File: BF119606.D
 Acq: 28 Mar 2020 9:35

Instrument :
 BNA_F
 ClientSampleId :
 SB-5-(10-12)MS

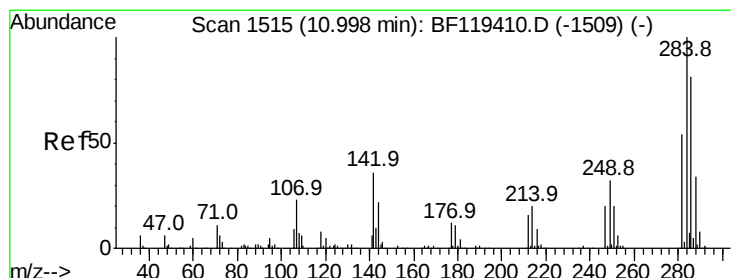
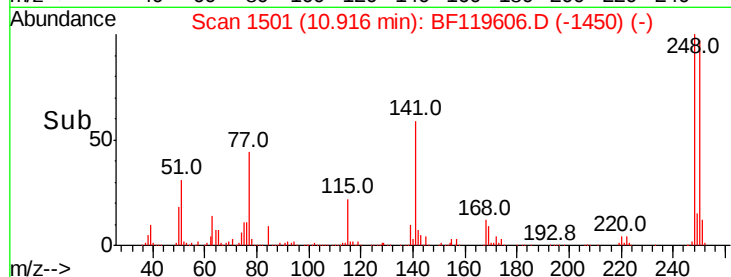
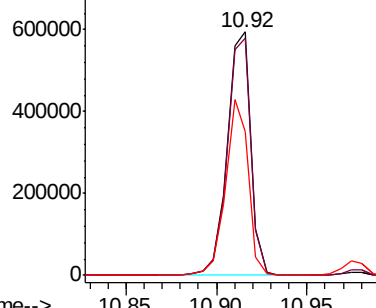
Tot Ion:	248	Resp:	539522
Ion Ratio	Lower	Upper	
248	100		
250	97.5	77.3	115.9
141	59.2	58.6	87.8

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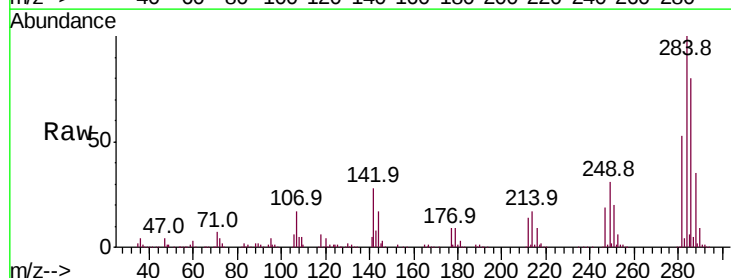


Abundance Ion 248.00 (247.70 to 248.70): E
 800000 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

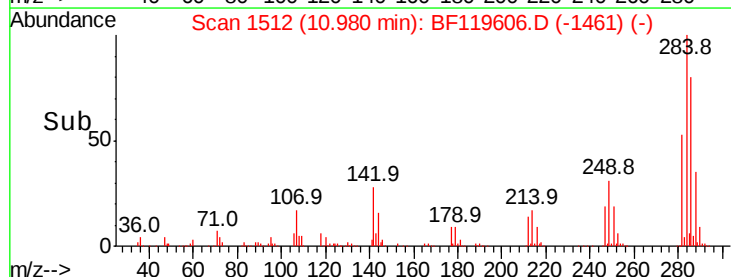
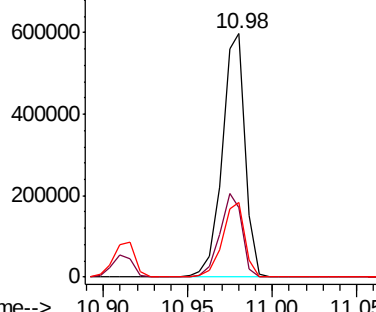


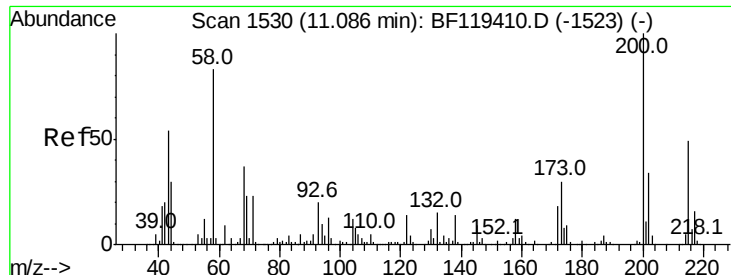
#68
 Hexachlorobenzene
 Concen: 49.317 ng
 RT: 10.98 min Scan# 1512
 Delta R.T. -0.00 min
 Lab File: BF119606.D
 Acq: 28 Mar 2020 9:35

Tgt Ion:	284	Resp:	568475
Ion Ratio	Lower	Upper	
284	100		
142	28.4	29.2	43.8#
249	30.9	25.1	37.7



Abundance Ion 283.80 (283.50 to 284.50): E
 800000 Ion 142.00 (141.70 to 142.70): E
 Ion 249.00 (248.70 to 249.70): E





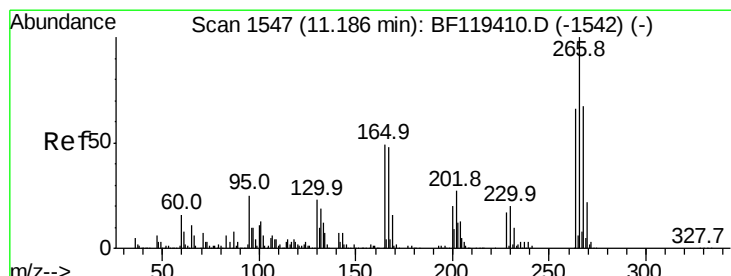
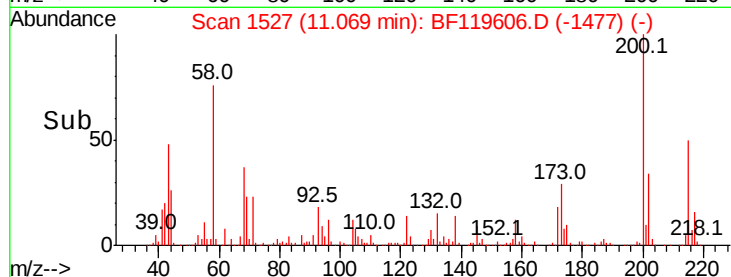
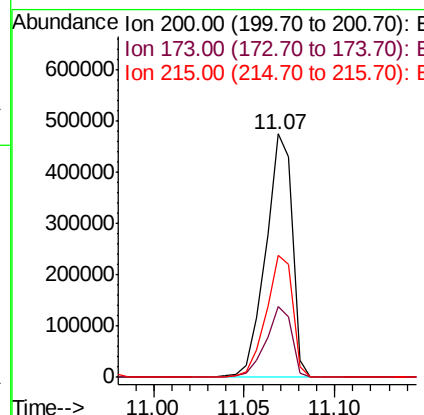
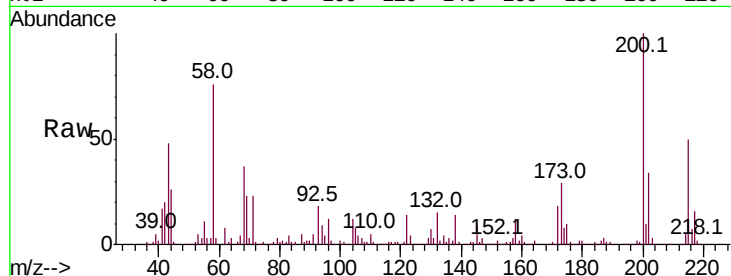
#69
Atrazine
Concen: 54.456 ng
RT: 11.07 min Scan# 1527
Delta R.T. -0.01 min
Lab File: BF119606.D
Acq: 28 Mar 2020 9:35

Instrument :
BNA_F
ClientSampleId :
SB-5-(10-12)MS

Tot Ion	Ratio	Lower	Upper
200	100		
173	28.9	9.3	49.3
215	49.9	29.5	69.5

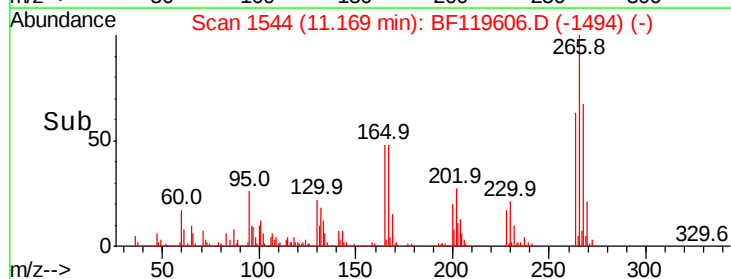
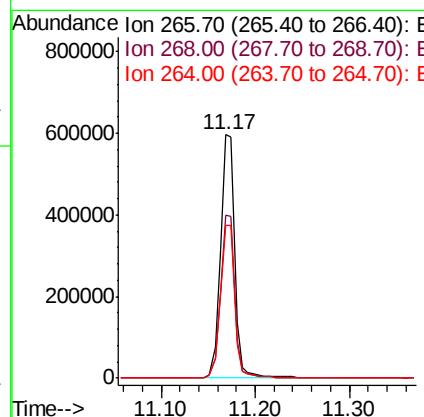
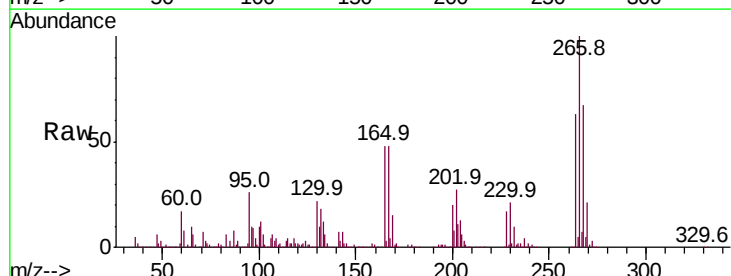
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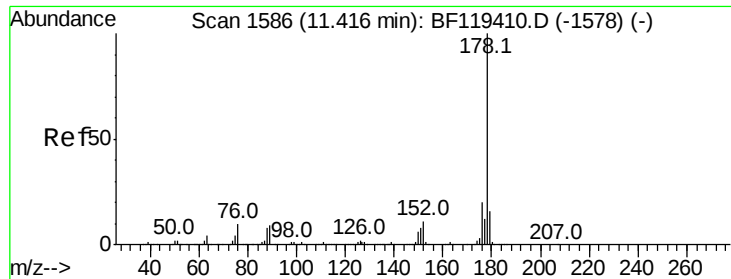
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#70
Pentachlorophenol
Concen: 94.944 ng
RT: 11.17 min Scan# 1544
Delta R.T. -0.01 min
Lab File: BF119606.D
Acq: 28 Mar 2020 9:35

Tgt Ion	Ratio	Lower	Upper
266	100		
268	67.1	53.3	79.9
264	63.0	49.0	73.4





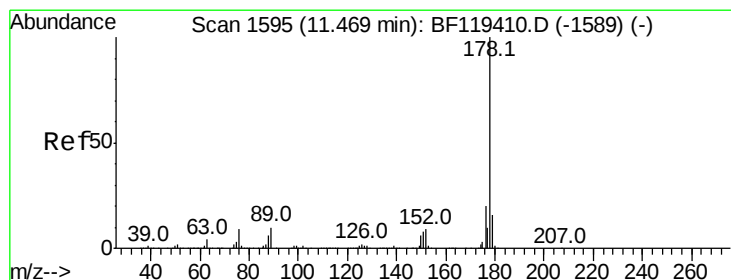
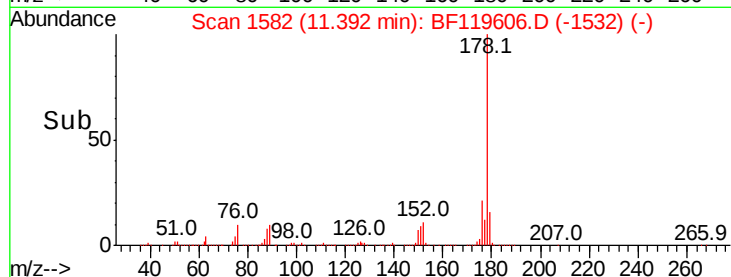
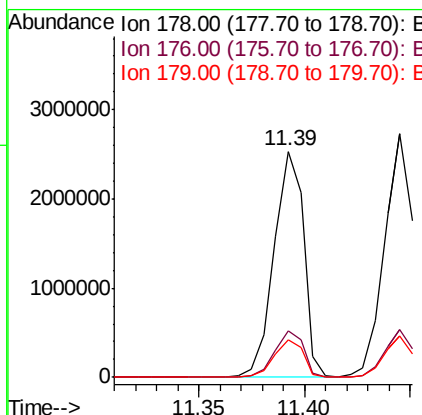
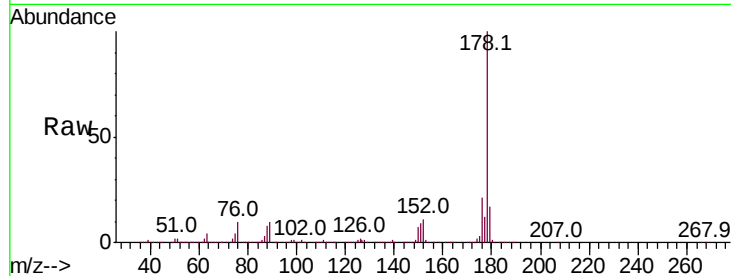
#71
Phenanthrene
Concen: 48.462 ng
RT: 11.39 min Scan# 1582
Delta R.T. -0.01 min
Lab File: BF119606.D
Acq: 28 Mar 2020 9:35

Instrument :
BNA_F
ClientSampleId :
SB-5-(10-12)MS

Tot Ion:178 Resp: 2485033
Ion Ratio Lower Upper
178 100
176 20.8 16.2 24.4
179 16.6 13.2 19.8

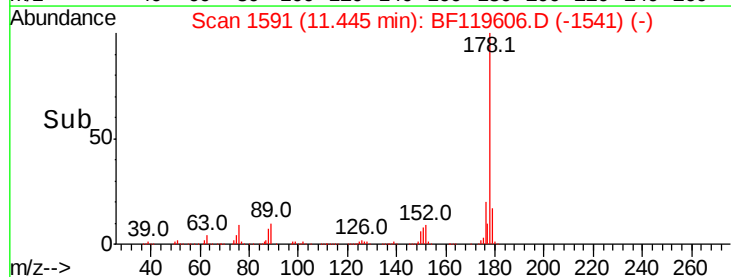
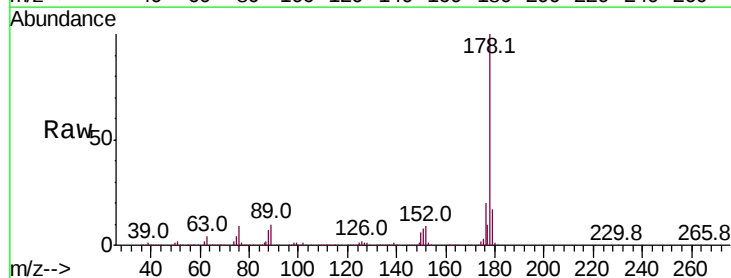
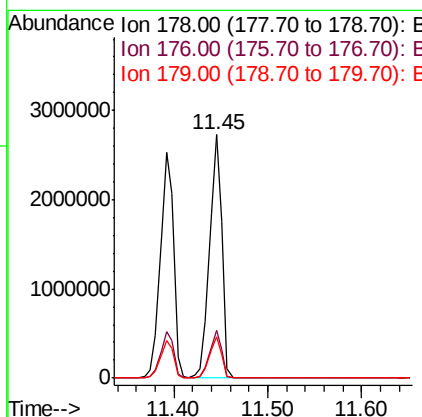
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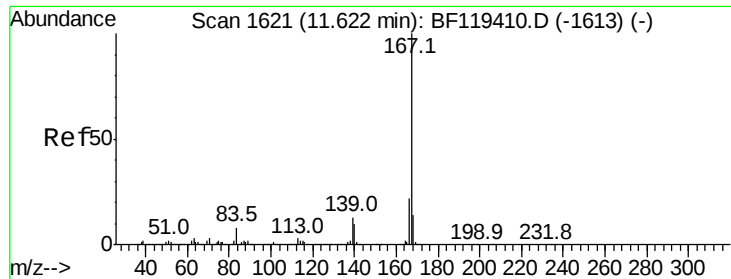
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#72
Anthracene
Concen: 49.015 ng
RT: 11.45 min Scan# 1591
Delta R.T. -0.01 min
Lab File: BF119606.D
Acq: 28 Mar 2020 9:35

Tgt Ion:178 Resp: 2554494
Ion Ratio Lower Upper
178 100
176 19.7 16.1 24.1
179 16.8 13.0 19.4





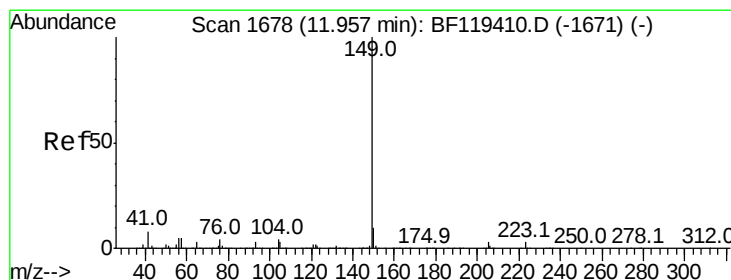
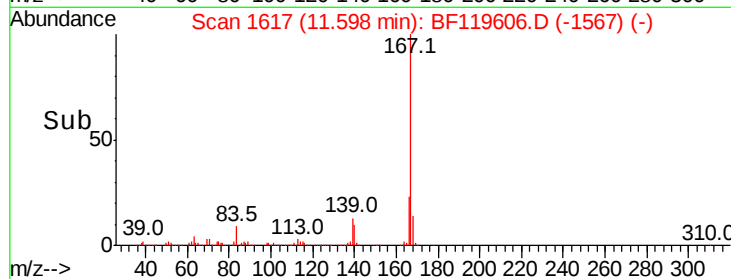
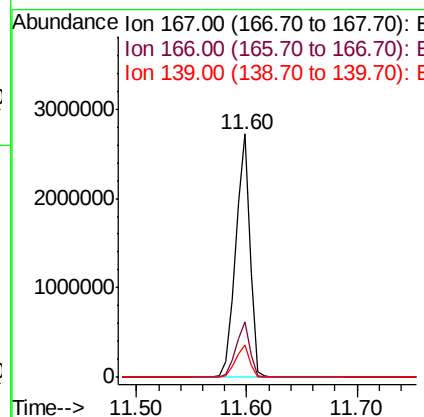
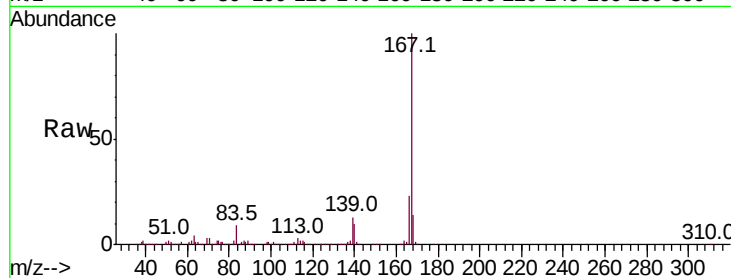
#73
 Carbazole
 Concen: 48.233 ng
 RT: 11.60 min Scan# 1617
 Delta R.T. -0.01 min
 Lab File: BF119606.D
 Acq: 28 Mar 2020 9:35

Instrument :
 BNA_F
 ClientSampleId :
 SB-5-(10-12)MS

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.7	18.2	27.4
139	13.4	10.7	16.1

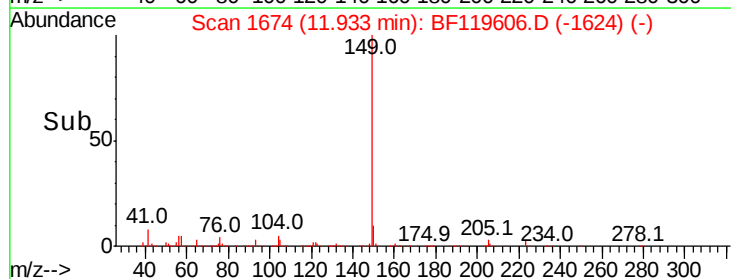
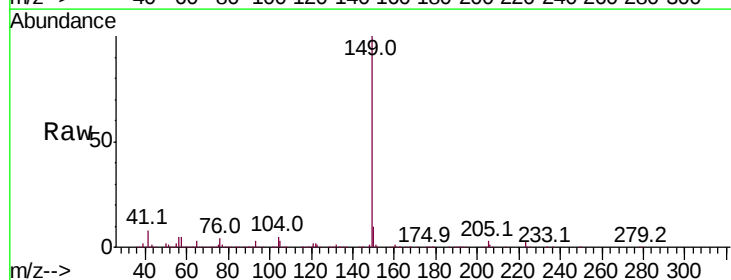
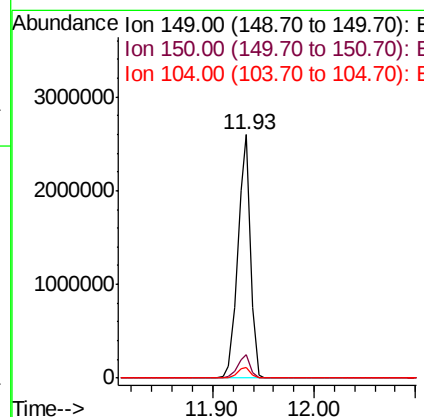
Manual Integrations
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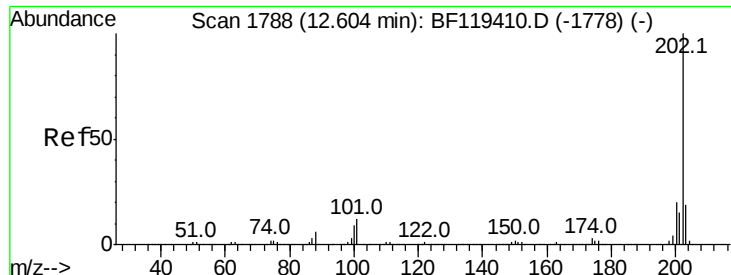
mohammad
 3/31/2020 8:14:12 AM



#74
 Di-n-butylphthalate
 Concen: 40.312 ng
 RT: 11.93 min Scan# 1674
 Delta R.T. -0.01 min
 Lab File: BF119606.D
 Acq: 28 Mar 2020 9:35

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.5	7.8	11.8
104	4.5	3.6	5.4





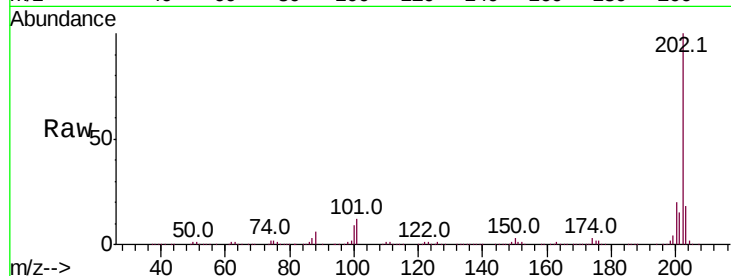
#75
 Fluoranthene
 Concen: 37.184 ng
 RT: 12.58 min Scan# 1784
 Delta R.T. -0.01 min
 Lab File: BF119606.D
 Acq: 28 Mar 2020 9:35

Instrument :
 BNA_F
 ClientSampleId :
 SB-5-(10-12)MS

Tot Ion	Ratio	Lower	Upper
202	100		
101	11.5	0.0	32.2
203	18.3	0.0	38.8

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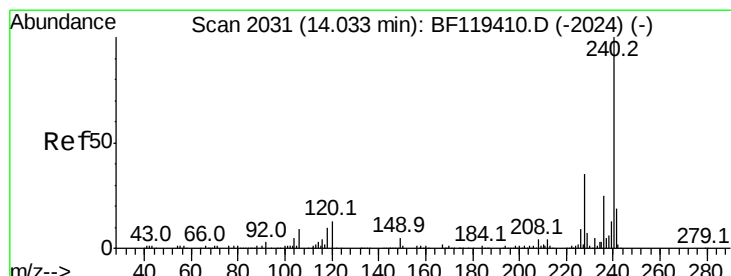
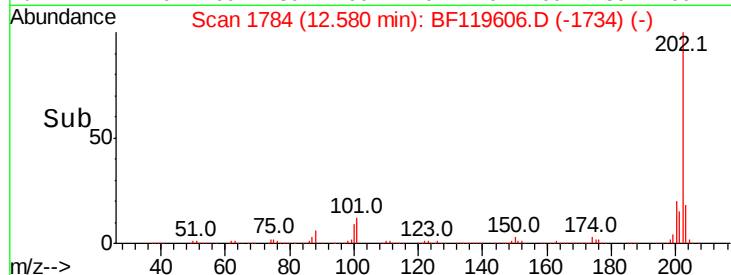
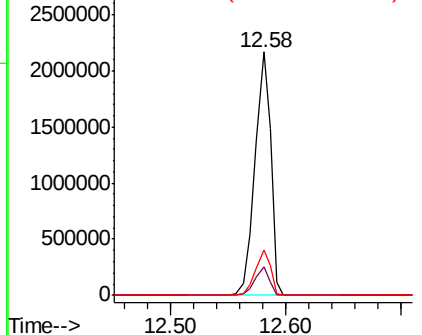


Abundance

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: 14.01 min Scan# 2027
 Delta R.T. -0.01 min
 Lab File: BF119606.D
 Acq: 28 Mar 2020 9:35

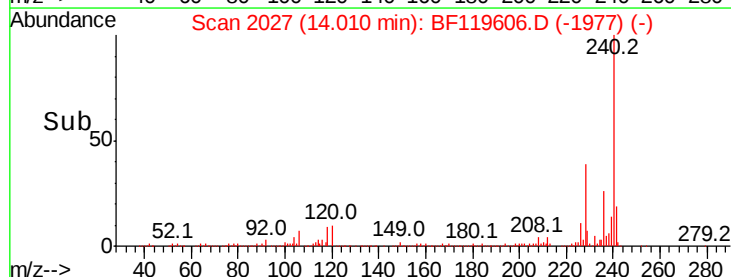
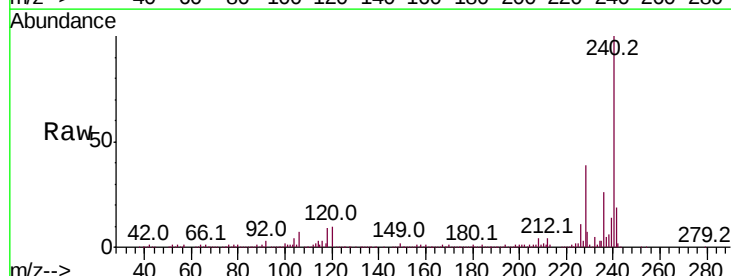
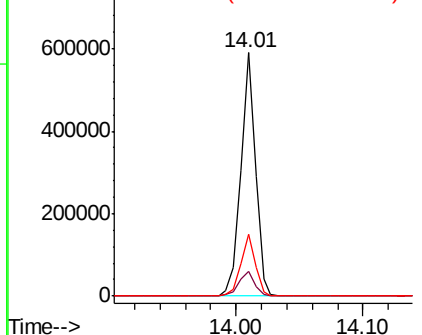
Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.4	10.6	15.8#
236	25.7	20.2	30.2

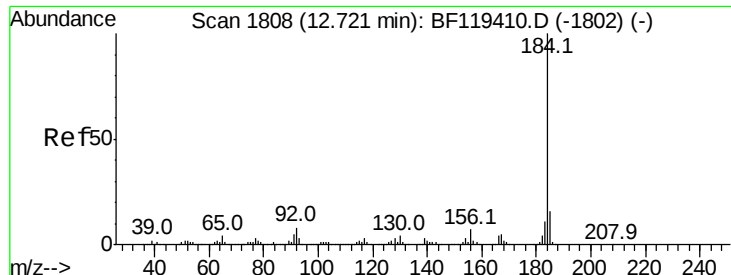
Abundance

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: 43.782 ng

RT: 12.70 min Scan# 1804

Delta R.T. -0.01 min

Lab File: BF119606.D

Acq: 28 Mar 2020 9:35

Instrument :

BNA_F

ClientSampleId :

SB-5-(10-12)MS

Tot Ion:184 Resp: 864745

Ion Ratio Lower Upper

184 100

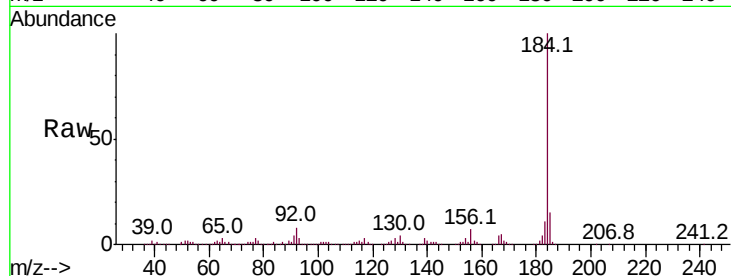
185 14.7 12.3 18.5

183 11.0 9.0 13.6

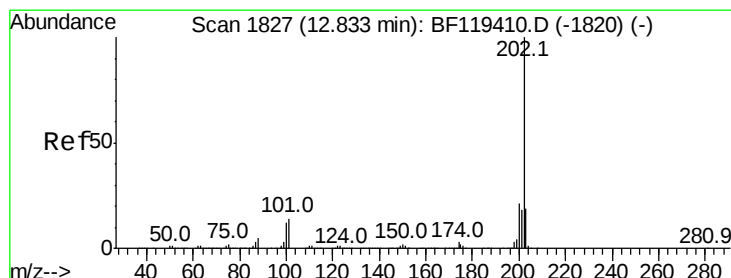
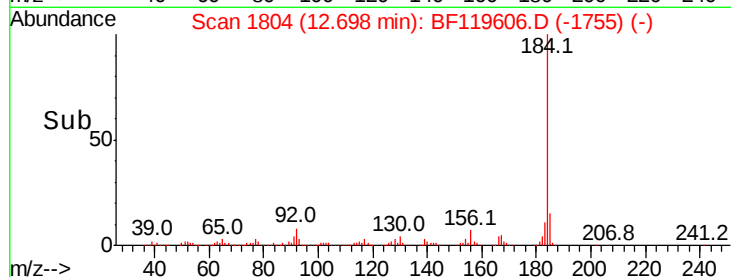
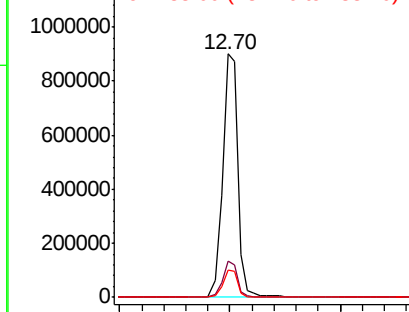
Manual Integrations
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Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 52.872 ng

RT: 12.81 min Scan# 1823

Delta R.T. -0.01 min

Lab File: BF119606.D

Acq: 28 Mar 2020 9:35

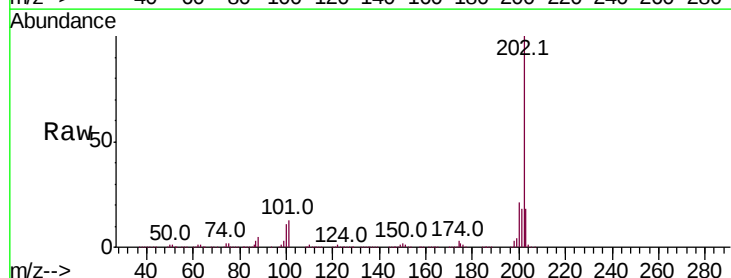
Tgt Ion:202 Resp: 2025145

Ion Ratio Lower Upper

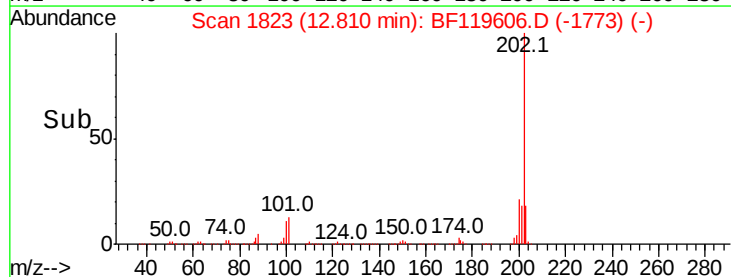
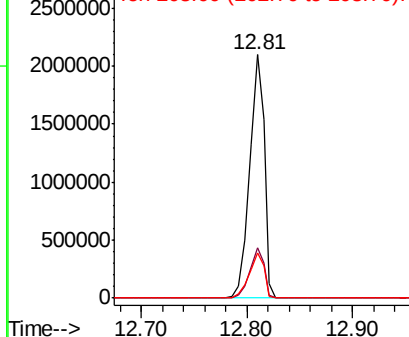
202 100

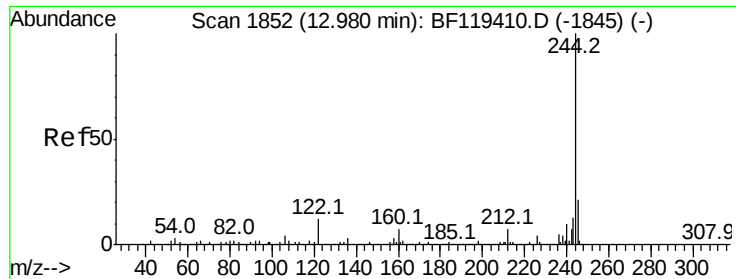
200 20.9 16.8 25.2

203 18.4 15.1 22.7



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





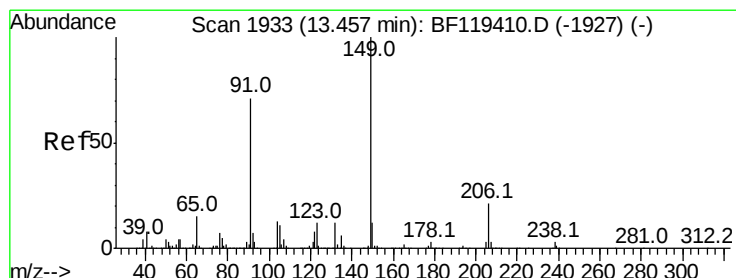
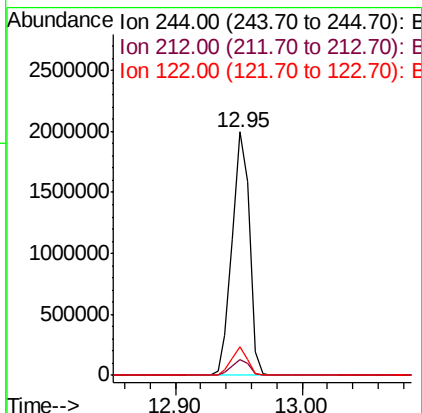
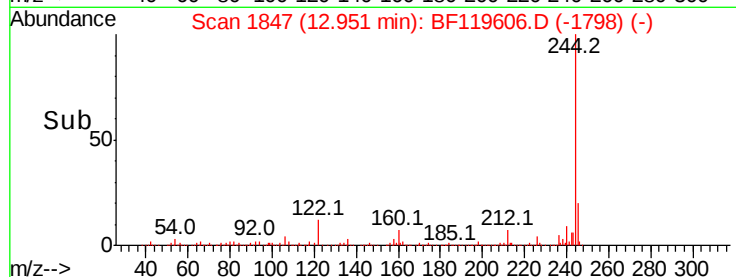
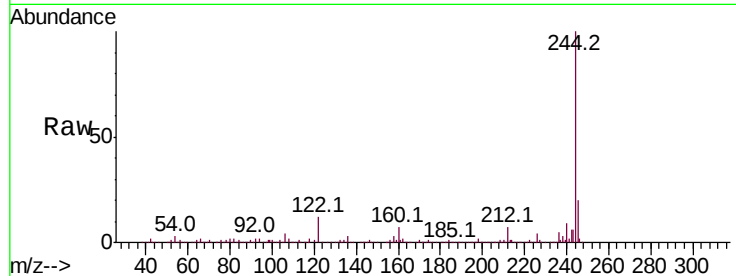
#79
 Terphenyl-d14
 Concen: 78.214 ng
 RT: 12.95 min Scan# 1847
 Delta R.T. -0.01 min
 Lab File: BF119606.D
 Acq: 28 Mar 2020 9:35

Instrument :
 BNA_F
 ClientSampleID :
 SB-5-(10-12)MS

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.8	8.8
122	11.5	10.3	15.5

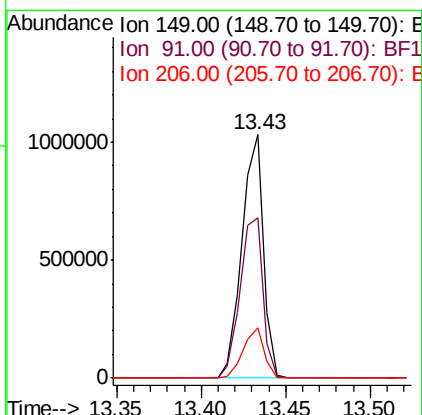
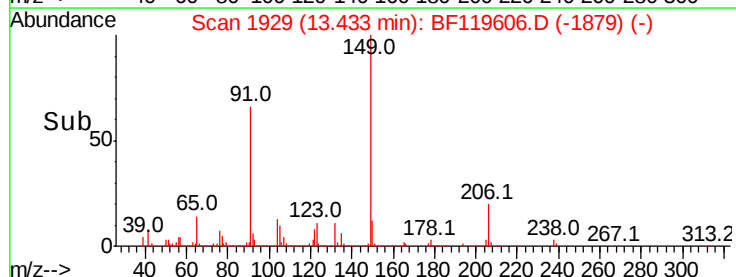
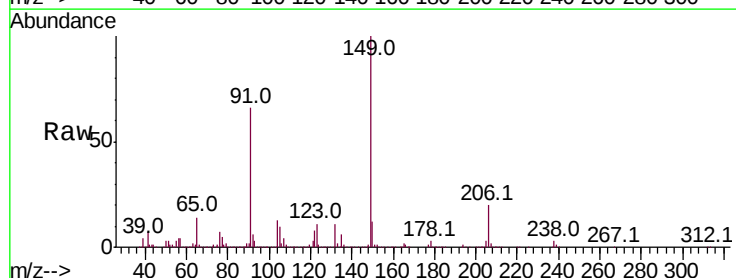
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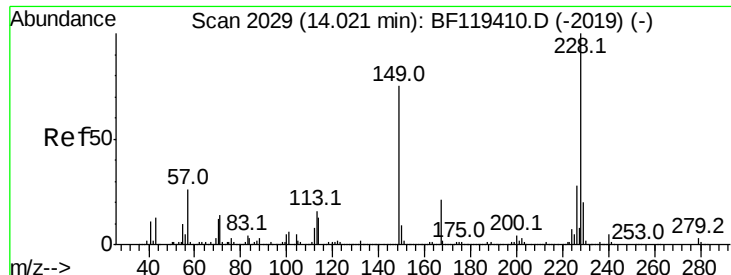
mohammad
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#80
 Butylbenzylphthalate
 Concen: 59.526 ng
 RT: 13.43 min Scan# 1929
 Delta R.T. -0.01 min
 Lab File: BF119606.D
 Acq: 28 Mar 2020 9:35

Tgt Ion	Ratio	Lower	Upper
149	100		
91	65.9	54.7	82.1
206	20.5	16.2	24.2





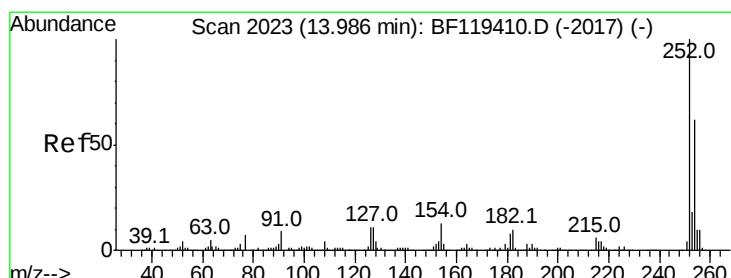
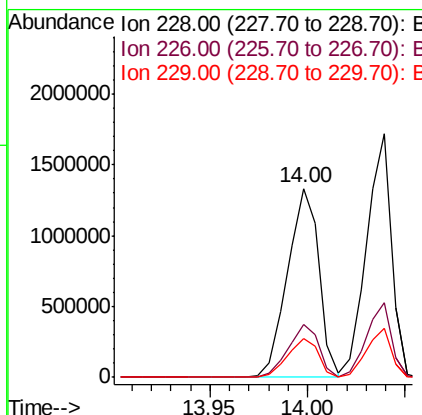
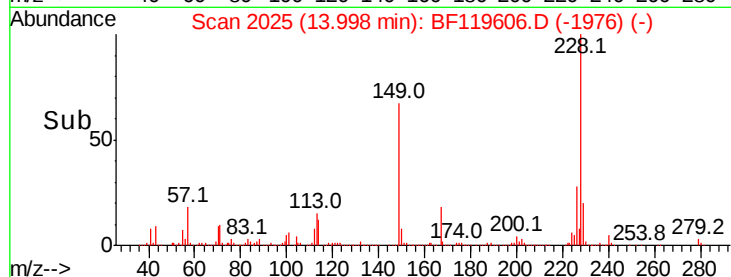
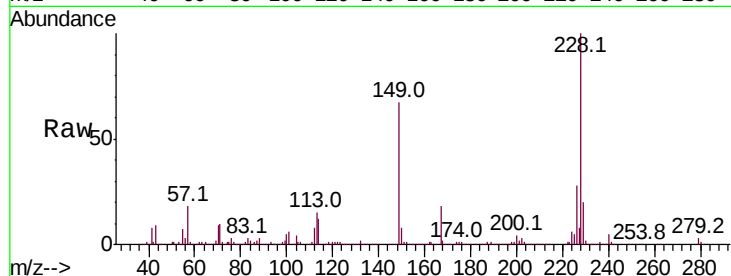
#81
Benzo(a)anthracene
Concen: 48.816 ng
RT: 14.00 min Scan# 2025
Delta R.T. -0.01 min
Lab File: BF119606.D
Acq: 28 Mar 2020 9:35

Instrument :
BNA_F
ClientSampleId :
SB-5-(10-12)MS

Tot Ion:228 Resp: 1481529
Ion Ratio Lower Upper
228 100
226 28.2 21.8 32.8
229 20.3 16.2 24.4

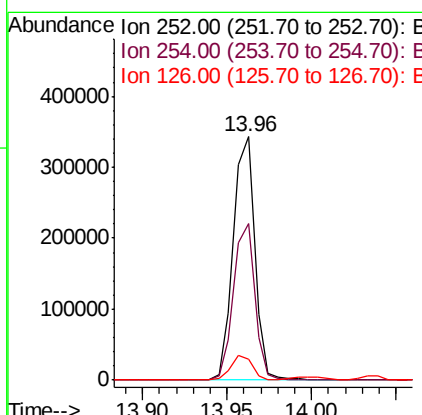
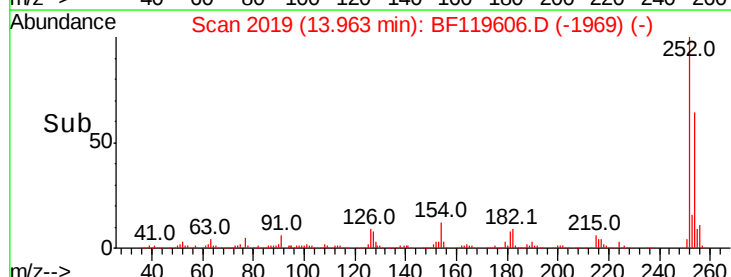
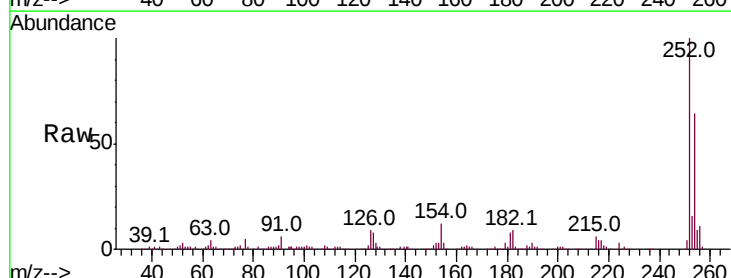
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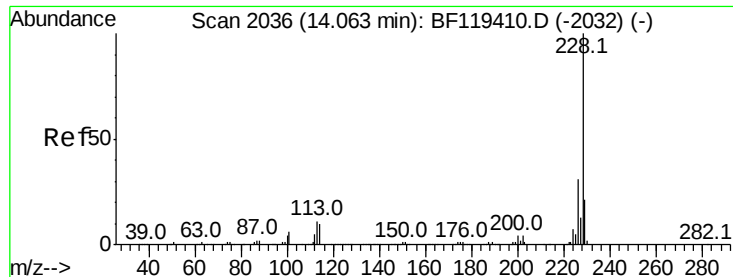
mohammad
3/31/2020 8:14:12 AM



#82
3,3'-Dichlorobenzidine
Concen: 25.425 ng
RT: 13.96 min Scan# 2019
Delta R.T. -0.01 min
Lab File: BF119606.D
Acq: 28 Mar 2020 9:35

Tgt Ion:252 Resp: 304243
Ion Ratio Lower Upper
252 100
254 64.4 51.2 76.8
126 8.8 9.6 14.4#





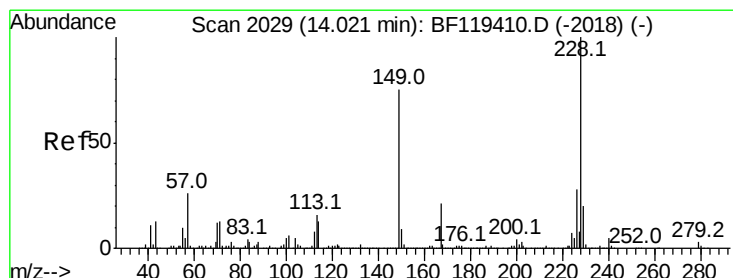
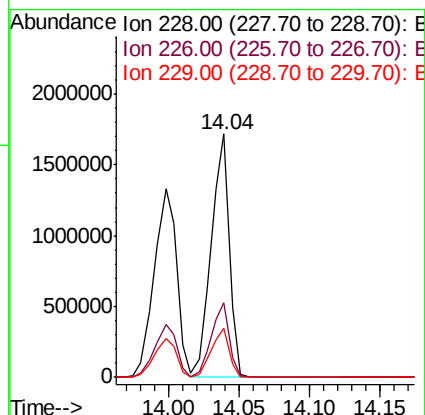
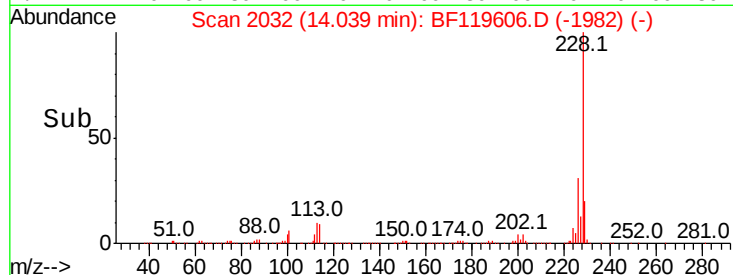
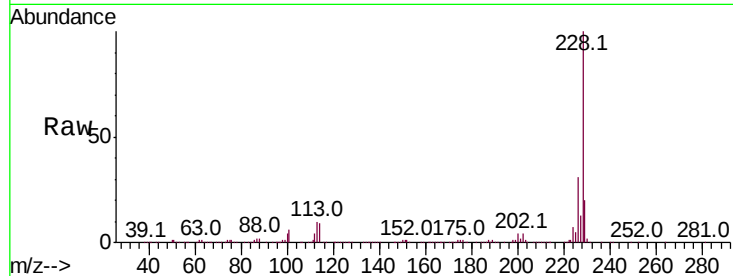
#83
 Chrysene
 Concen: 48.737 ng
 RT: 14.04 min Scan# 2032
 Delta R.T. -0.01 min
 Lab File: BF119606.D
 Acq: 28 Mar 2020 9:35

Instrument :
 BNA_F
 ClientSampleId :
 SB-5-(10-12)MS

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.9	25.4	38.0
229	20.2	16.6	24.8

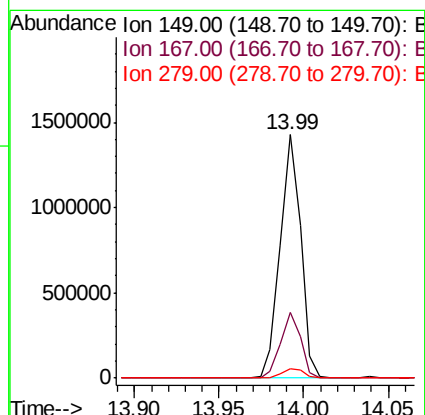
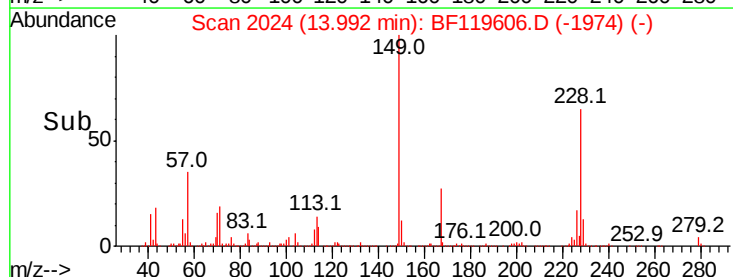
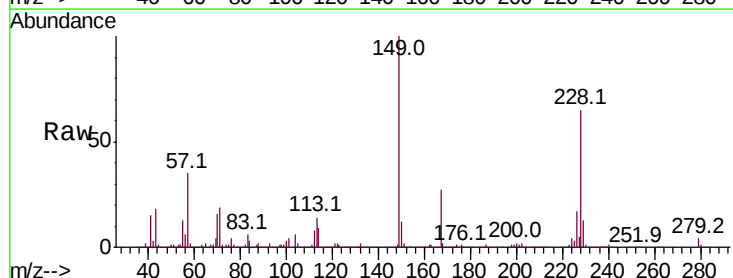
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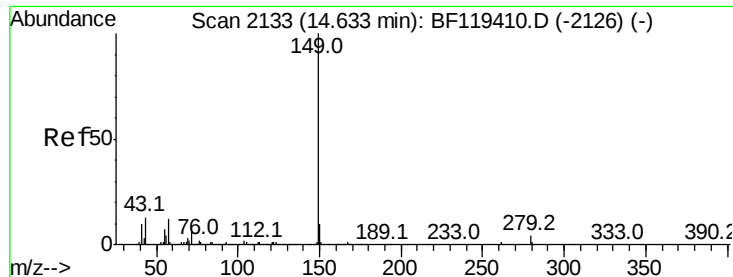
mohammad
 3/31/2020 8:14:12 AM



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 65.502 ng
 RT: 13.99 min Scan# 2024
 Delta R.T. -0.01 min
 Lab File: BF119606.D
 Acq: 28 Mar 2020 9:35

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.2	21.3	31.9
279	3.7	2.7	4.1





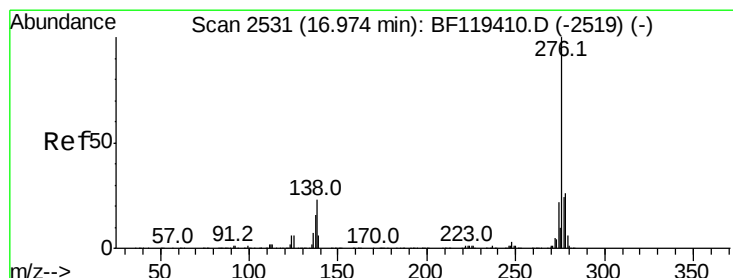
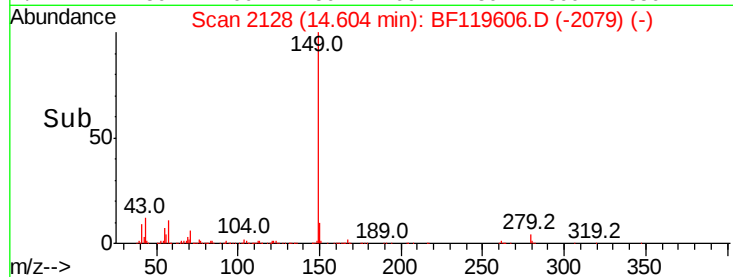
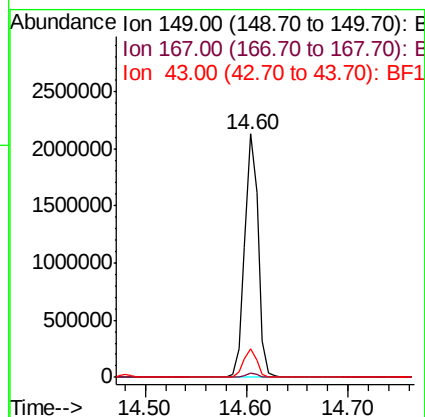
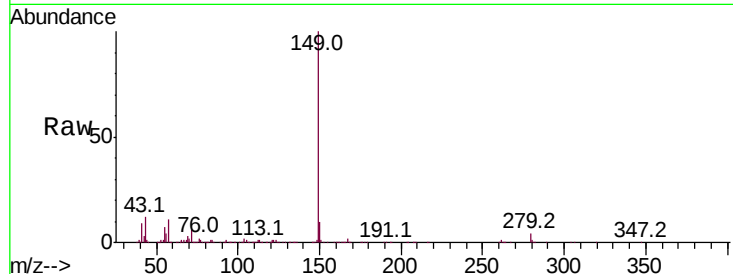
#85
Di-n-octyl phthalate
Concen: 60.312 ng
RT: 14.60 min Scan# 2128
Delta R.T. -0.01 min
Lab File: BF119606.D
Acq: 28 Mar 2020 9:35

Instrument :
BNA_F
ClientSampleId :
SB-5-(10-12)MS

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	11.5	9.3	13.9

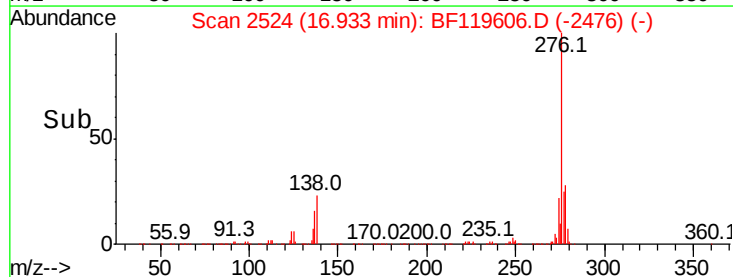
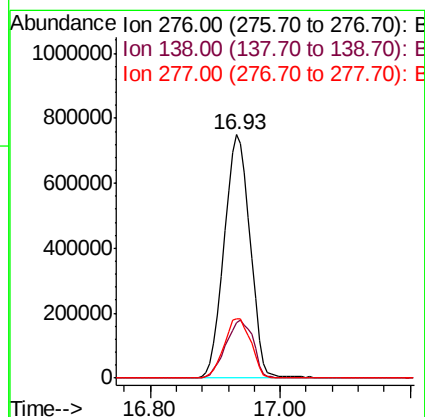
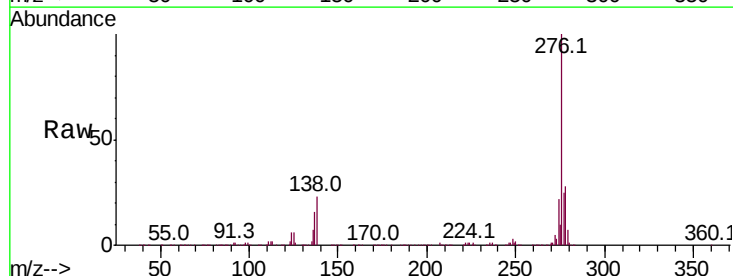
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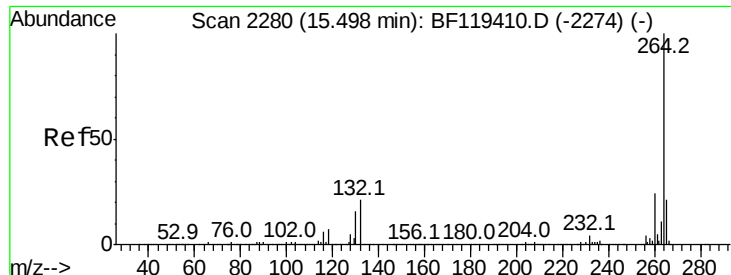
mohammad
3/31/2020 8:14:12 AM



#86
Indeno(1,2,3-cd)pyrene
Concen: 70.390 ng
RT: 16.93 min Scan# 2524
Delta R.T. -0.02 min
Lab File: BF119606.D
Acq: 28 Mar 2020 9:35

Tgt Ion	Ratio	Lower	Upper
276	100		
138	25.5	19.6	29.4
277	25.5	20.0	30.0





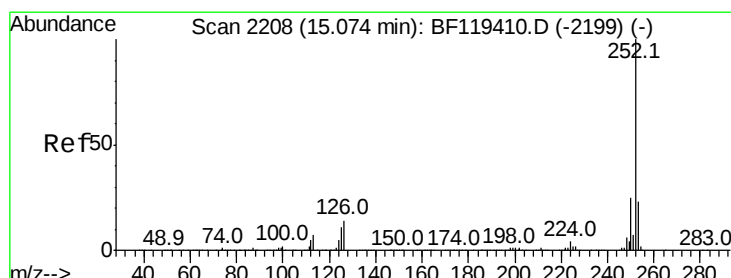
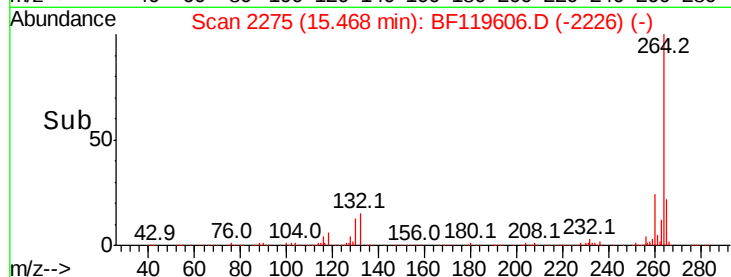
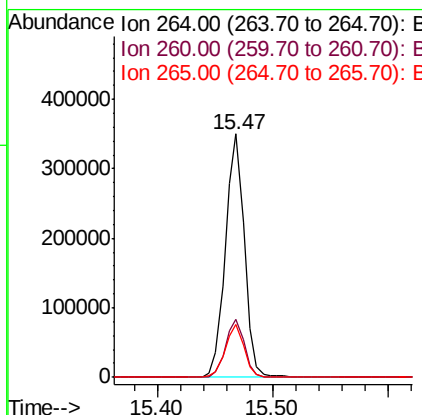
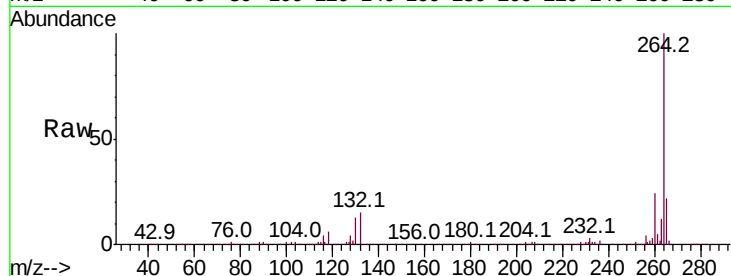
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.47 min Scan# 2275
Delta R.T. -0.01 min
Lab File: BF119606.D
Acq: 28 Mar 2020 9:35

Instrument :
BNA_F
ClientSampleId :
SB-5-(10-12)MS

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.1	18.7	28.1
265	21.9	17.7	26.5

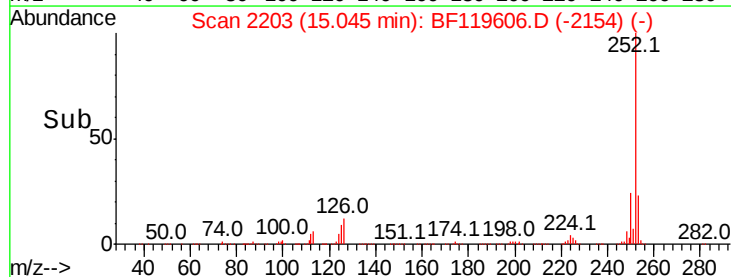
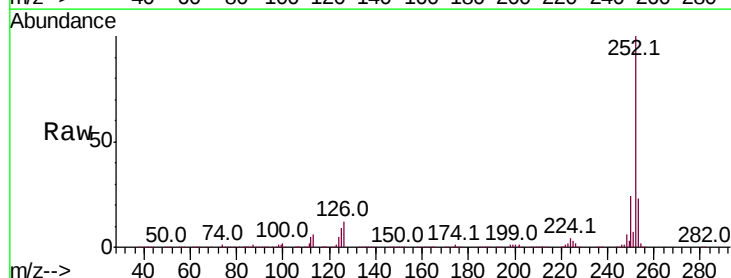
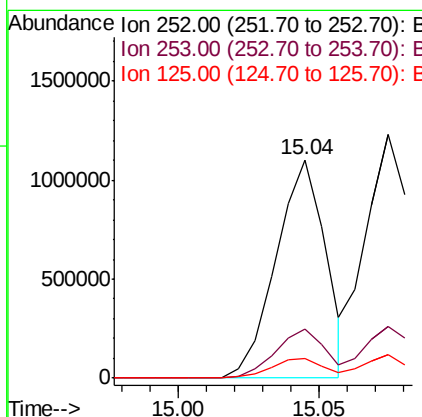
Manual Integrations
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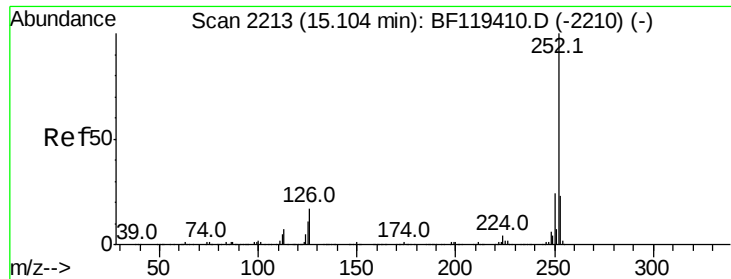
mohammad
3/31/2020 8:14:12 AM



#88
Benzo(b)fluoranthene
Concen: 50.535 ng
RT: 15.04 min Scan# 2203
Delta R.T. -0.01 min
Lab File: BF119606.D
Acq: 28 Mar 2020 9:35

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.4	26.0
125	9.3	7.9	11.9





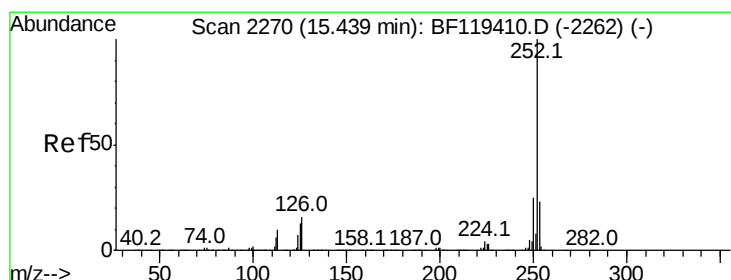
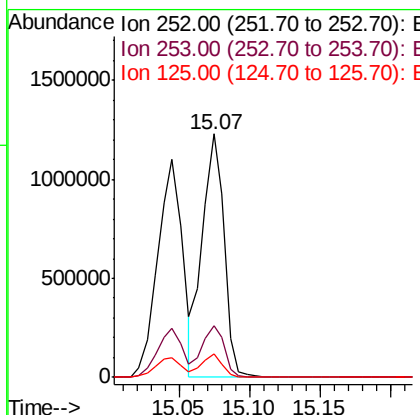
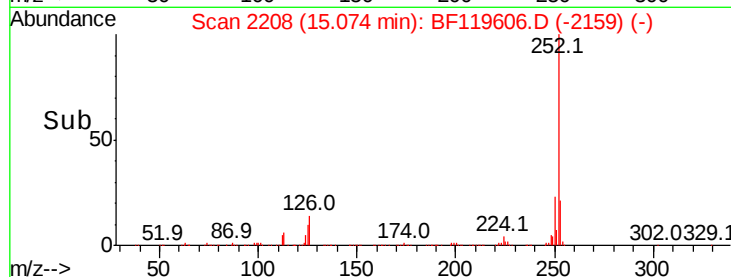
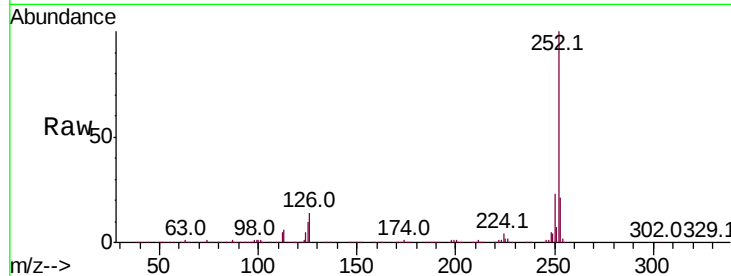
#89
Benzo(k)fluoranthene
Concen: 52.023 ng
RT: 15.07 min Scan# 2208
Delta R.T. -0.01 min
Lab File: BF119606.D
Acq: 28 Mar 2020 9:35

Instrument :
BNA_F
ClientSampleId :
SB-5-(10-12)MS

Tot Ion:252 Resp: 1318786
Ion Ratio Lower Upper
252 100
253 21.5 17.8 26.6
125 9.8 8.4 12.6

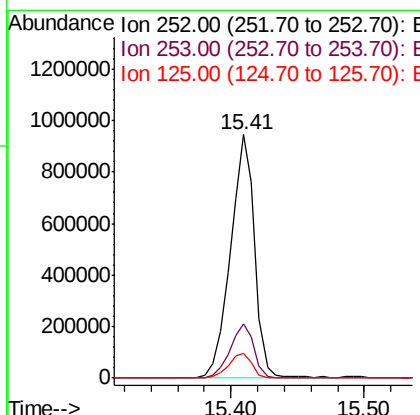
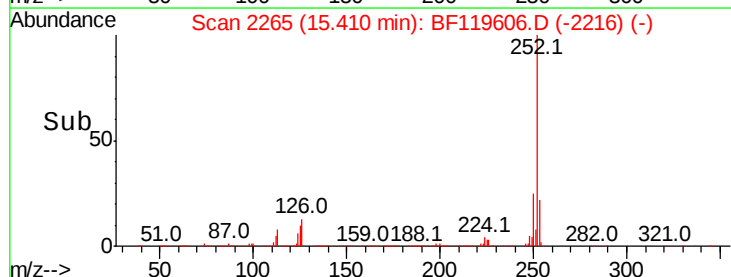
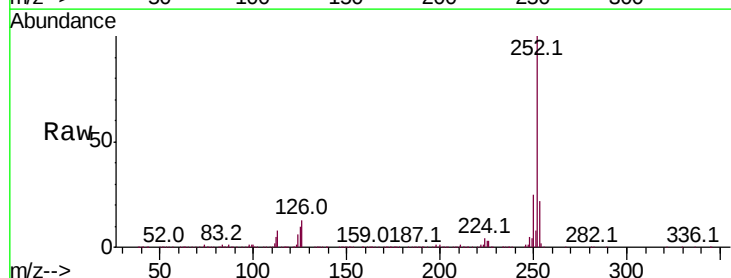
Manual Integrations
APPROVED

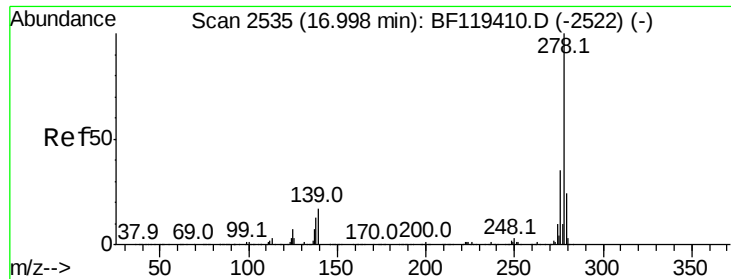
mohammad
3/31/2020 8:14:12 AM



#90
Benzo(a)pyrene
Concen: 49.281 ng
RT: 15.41 min Scan# 2265
Delta R.T. -0.01 min
Lab File: BF119606.D
Acq: 28 Mar 2020 9:35

Tgt Ion:252 Resp: 1192320
Ion Ratio Lower Upper
252 100
253 22.3 18.2 27.2
125 10.3 9.4 14.2





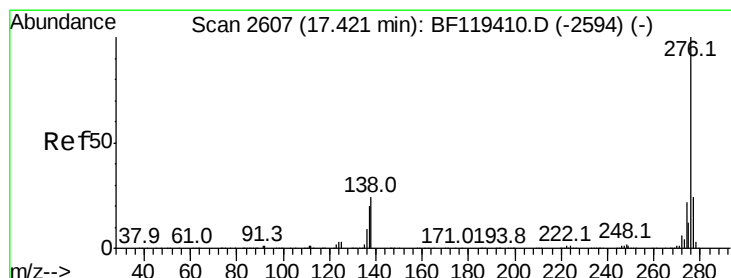
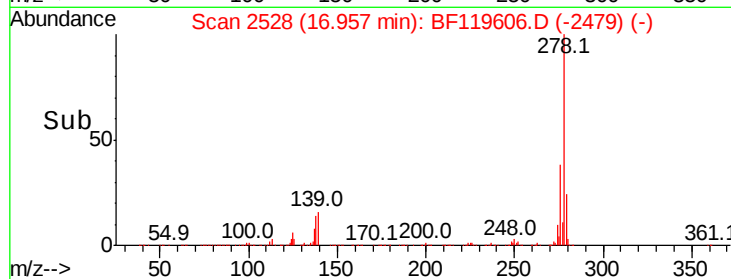
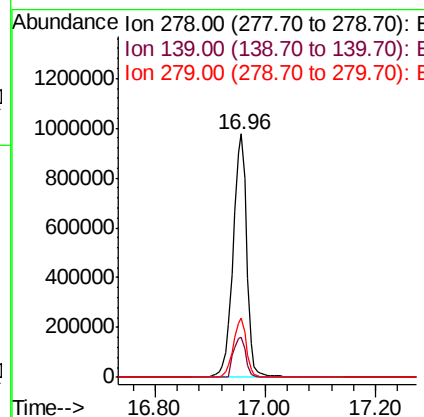
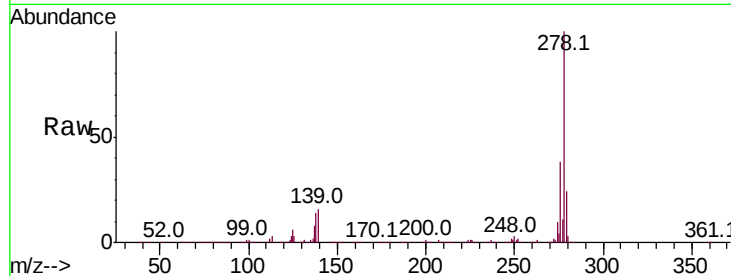
#91
Dibenzo(a,h)anthracene
Concen: 80.785 ng
RT: 16.96 min Scan# 2528
Delta R.T. -0.01 min
Lab File: BF119606.D
Acq: 28 Mar 2020 9:35

Instrument :
BNA_F
ClientSampleId :
SB-5-(10-12)MS

Tot Ion	Ratio	Lower	Upper
278	100		
139	16.3	12.6	19.0
279	24.2	19.0	28.6

Manual Integrations
APPROVED

mohammad
3/31/2020 8:14:12 AM



#92
Benzo(g,h,i)perylene
Concen: 76.103 ng
RT: 17.38 min Scan# 2600
Delta R.T. -0.02 min
Lab File: BF119606.D
Acq: 28 Mar 2020 9:35

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.8	18.4	27.6
138	20.4	15.4	23.0

