

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032720\
 Data File : BF119574.D
 Acq On : 27 Mar 2020 18:28
 Operator : CG/JU
 Sample : PB127849BS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB127849BS

Manual Integrations
 APPROVED

mohammad
 3/31/2020 8:15:17 AM

Quant Time: Mar 28 01:29:03 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	252993	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	1057216	20.00	ng	0.00
39) Acenaphthene-d10	9.88	164	573332	20.00	ng	0.00
64) Phenanthrene-d10	11.37	188	1018856	20.00	ng	0.00
76) Chrysene-d12	14.01	240	722651	20.00	ng	0.00
87) Perylene-d12	15.47	264	627742	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.45	112	1978135	124.47	ng	0.01
7) Phenol-d6	6.46	99	2540541	125.14	ng	0.00
23) Nitrobenzene-d5	7.40	82	1646960	84.66	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	755993	127.81	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	3035114	78.43	ng	0.00
79) Terphenyl-d14	12.96	244	3403632	92.28	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.65	88	290238	36.977	ng	99
3) Pyridine	3.37	79	811751	37.539	ng	95
4) n-Nitrosodimethylamine	3.33	42	449833	42.658	ng	97
6) Aniline	6.49	93	971999	34.691	ng	99
8) 2-Chlorophenol	6.62	128	820172	49.137	ng	99
9) Benzaldehyde	6.38	77	495994	38.513	ng	97
10) Phenol	6.47	94	1044726	48.228	ng	96
11) bis(2-Chloroethyl)ether	6.57	93	776055	44.793	ng	97
12) 1,3-Dichlorobenzene	6.77	146	813499	45.031	ng	96
13) 1,4-Dichlorobenzene	6.85	146	811208	44.893	ng	97
14) 1,2-Dichlorobenzene	7.00	146	764377	45.256	ng	99
15) Benzyl Alcohol	6.97	79	674433	44.164	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.11	45	1548241	44.304	ng	99
17) 2-Methylphenol	7.09	107	668191	43.692	ng	98
18) Hexachloroethane	7.35	117	308114	46.529	ng	96
19) n-Nitroso-di-n-propylamine	7.25	70	562130	45.938	ng	99
20) 3+4-Methylphenols	7.24	107	804983	42.949	ng	# 85
22) Acetophenone	7.25	105	1053547	41.705	ng	97
24) Nitrobenzene	7.42	77	894887	43.046	ng	100
25) Isophorone	7.66	82	1577669	39.981	ng	99
26) 2-Nitrophenol	7.73	139	432551	52.844	ng	91
27) 2,4-Dimethylphenol	7.77	122	733385	43.330	ng	97
28) bis(2-Chloroethoxy)methane	7.87	93	1019161	43.677	ng	99
29) 2,4-Dichlorophenol	7.97	162	695249	44.706	ng	98
30) 1,2,4-Trichlorobenzene	8.06	180	726826	42.260	ng	99
31) Naphthalene	8.14	128	2394033	44.003	ng	99
32) Benzoic acid	7.89	122	555925	51.062	ng	97
33) 4-Chloroaniline	8.19	127	522704	20.967	ng	97
34) Hexachlorobutadiene	8.26	225	435921	45.301	ng	99
35) Caprolactam	8.56	113	227900m	44.777	ng	
36) 4-Chloro-3-methylphenol	8.67	107	779160	45.840	ng	97
37) 2-Methylnaphthalene	8.83	142	1648576	46.171	ng	99
38) 1-Methylnaphthalene	8.93	142	1494468	44.220	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.00	216	672629	40.026	ng	99

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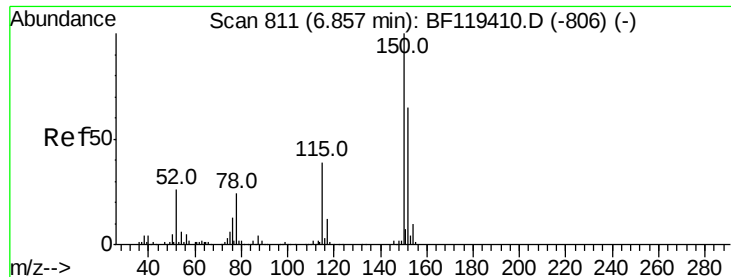
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.99	237	830024	86.879	nq	100
43) 2,4,6-Trichlorophenol	9.11	196	510326	42.436	nq	100
44) 2,4,5-Trichlorophenol	9.15	196	549013	40.753	nq	97
46) 1,1'-Biphenyl	9.30	154	1973336	42.260	nq	99
47) 2-Chloronaphthalene	9.32	162	1543711	42.205	nq	98
48) 2-Nitroaniline	9.42	65	582983	46.177	nq	100
49) Acenaphthylene	9.75	152	2429168	42.291	nq	99
50) Dimethylphthalate	9.60	163	1757104	43.147	nq	99
51) 2,6-Dinitrotoluene	9.66	165	410931	47.077	nq	95
52) Acenaphthene	9.92	154	1685189	47.062	nq	99
53) 3-Nitroaniline	9.83	138	299660	27.192	nq	96
54) 2,4-Dinitrophenol	9.94	184	417410	107.738	nq	96
55) Dibenzofuran	10.09	168	2093853	40.784	nq	98
56) 4-Nitrophenol	9.99	139	682658	78.525	nq	99
57) 2,4-Dinitrotoluene	10.07	165	534467	48.605	nq	96
58) Fluorene	10.43	166	1607098	42.331	nq	97
59) 2,3,4,6-Tetrachlorophenol	10.20	232	455678	45.251	nq	99
60) Diethylphthalate	10.31	149	1836514	44.433	nq	99
61) 4-Chlorophenyl-phenylether	10.42	204	783168	42.184	nq	99
62) 4-Nitroaniline	10.45	138	427092	40.415	nq	98
63) Azobenzene	10.59	77	1808340	43.446	nq	96
65) 4,6-Dinitro-2-methylphenol	10.47	198	270365	63.283	nq	88
66) n-Nitrosodiphenylamine	10.54	169	1561450	46.684	nq	99
67) 4-Bromophenyl-phenylether	10.92	248	542181	46.726	nq	92
68) Hexachlorobenzene	10.98	284	595314	50.128	nq	# 92
69) Atrazine	11.07	200	493711	53.842	nq	99
70) Pentachlorophenol	11.17	266	640968	92.047	nq	98
71) Phenanthrene	11.39	178	2302653	43.586	nq	100
72) Anthracene	11.44	178	2361150	43.974	nq	99
73) Carbazole	11.60	167	2198680	41.370	nq	100
74) Di-n-butylphthalate	11.93	149	2754203	48.445	nq	100
75) Fluoranthene	12.58	202	2650078	46.350	nq	99
77) Benzidine	12.70	184	1436748	46.979	nq	99
78) Pyrene	12.81	202	2589336	43.660	nq	100
80) Butylbenzylphthalate	13.43	149	1180223	49.202	nq	98
81) Benzo(a)anthracene	14.00	228	1947767	41.448	nq	99
82) 3,3'-Dichlorobenzidine	13.96	252	470998	25.420	nq	99
83) Chrysene	14.04	228	2042017	42.105	nq	100
84) Bis(2-ethylhexyl)phthalate	13.99	149	1547290	54.111	nq	99
85) Di-n-octyl phthalate	14.61	149	2840644	56.486	nq	100
86) Indeno(1,2,3-cd)pyrene	16.93	276	1884692	41.262	nq	99
88) Benzo(b)fluoranthene	15.04	252	2133995	50.891	nq	97
89) Benzo(k)fluoranthene	15.08	252	1821079	45.608	nq	99
90) Benzo(a)pyrene	15.41	252	1761173	46.215	nq	99
91) Dibenzo(a,h)anthracene	16.96	278	1555417	46.664	nq	100
92) Benzo(g,h,i)perylene	17.38	276	1577516	47.109	nq	96

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



#1

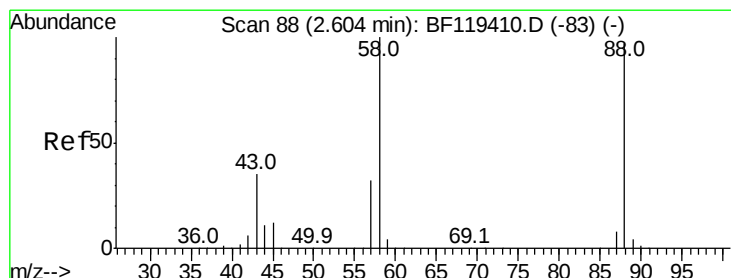
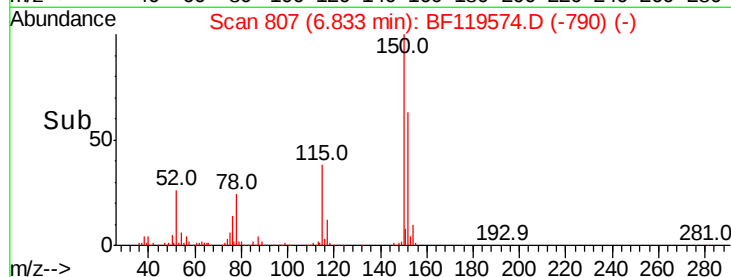
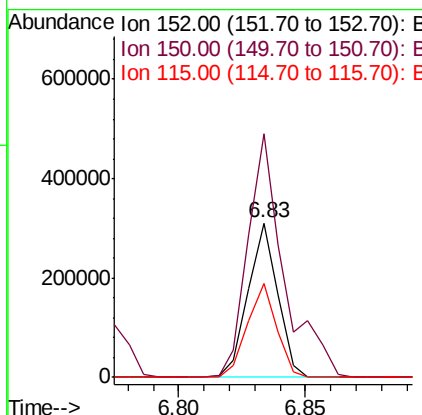
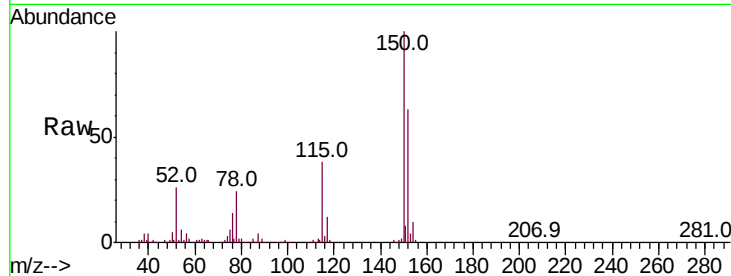
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 807
Delta R.T. -0.00 min
Lab File: BF119574.D
Acq: 27 Mar 2020 18:28

Instrument :
BNA_F
ClientSampleId :
PB127849BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.6	124.5	186.7
115	60.6	49.6	74.4

Manual Integrations
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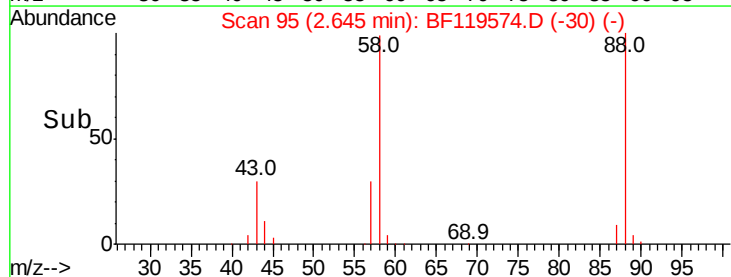
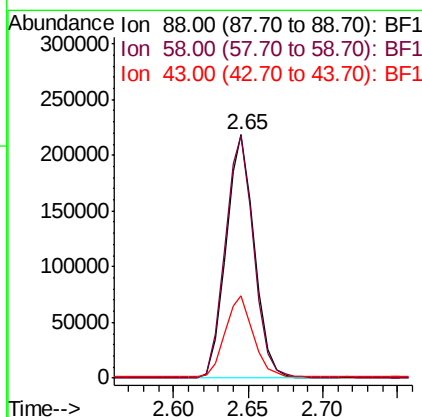
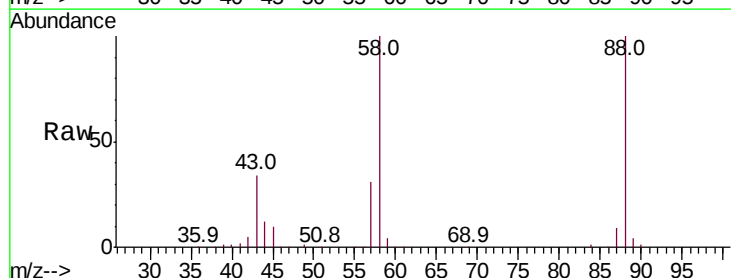
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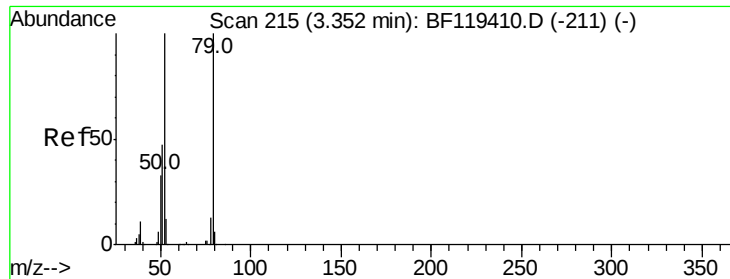


#2

1,4-Dioxane
Concen: 36.977 ng
RT: 2.65 min Scan# 95
Delta R.T. 0.08 min
Lab File: BF119574.D
Acq: 27 Mar 2020 18:28

Tgt Ion	Ratio	Lower	Upper
88	100		
58	99.8	80.6	121.0
43	32.6	27.5	41.3





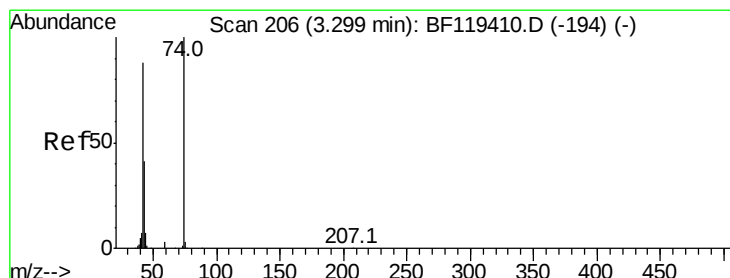
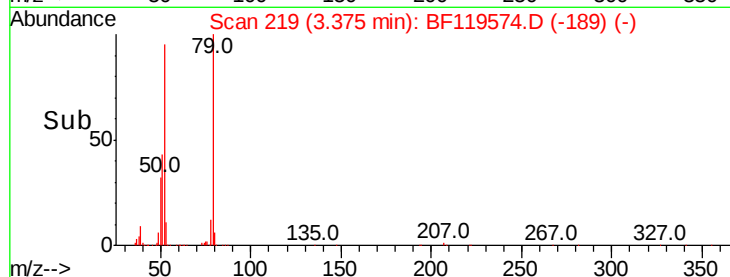
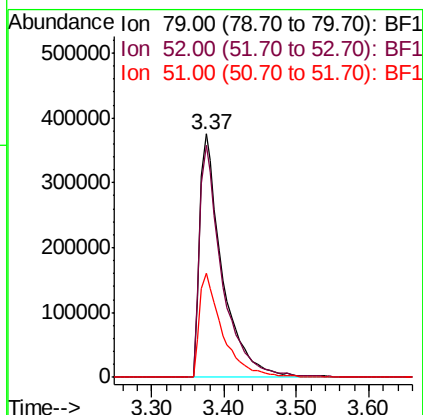
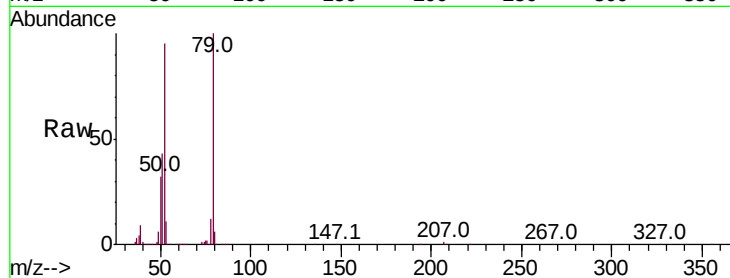
#3
 Pvridine
 Concen: 37.539 ng
 RT: 3.37 min Scan# 219
 Delta R.T. 0.08 min
 Lab File: BF119574.D
 Acq: 27 Mar 2020 18:28

Instrument :
 BNA_F
 ClientSampleId :
 PB127849BS

Tot Ion	Ratio	Lower	Upper
79	100		
52	95.2	80.2	120.2
51	43.0	37.7	56.5

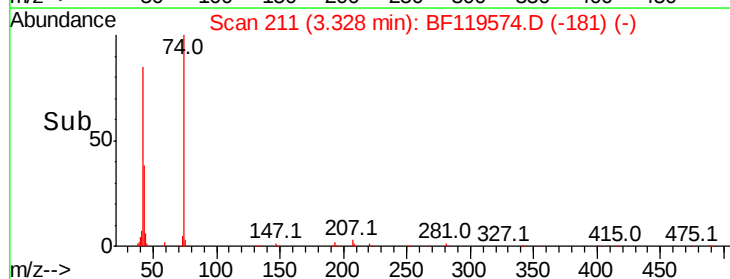
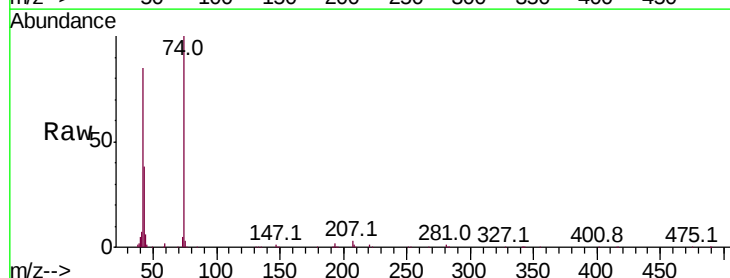
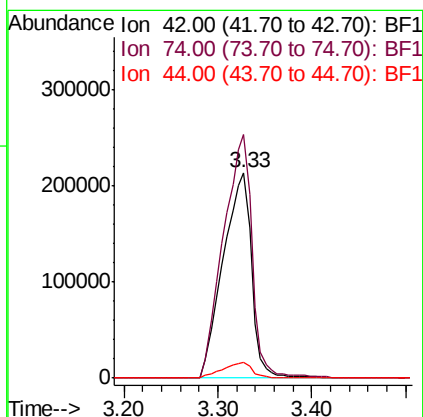
Manual Integrations
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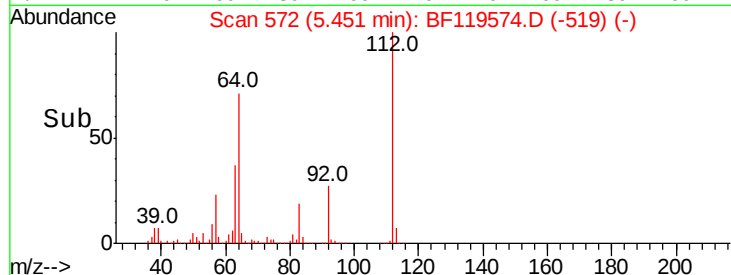
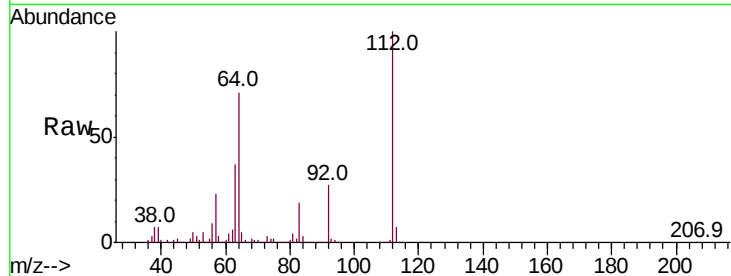
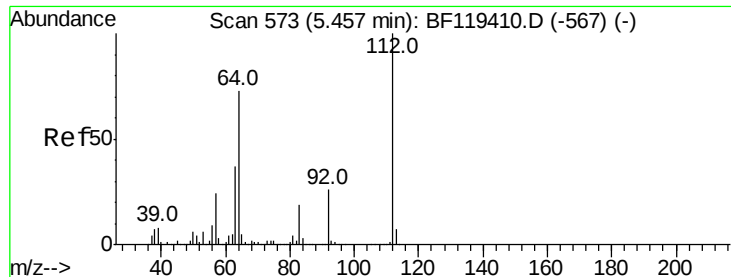
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#4
 n-Nitrosodimethylamine
 Concen: 42.658 ng
 RT: 3.33 min Scan# 211
 Delta R.T. 0.08 min
 Lab File: BF119574.D
 Acq: 27 Mar 2020 18:28

Tgt Ion	Ratio	Lower	Upper
42	100		
74	118.3	91.5	137.3
44	7.6	6.2	9.4





#5

2-Fluorophenol

Concen: 124.470 ng

RT: 5.45 min Scan# 572

Delta R.T. 0.01 min

Lab File: BF119574.D

Acq: 27 Mar 2020 18:28

Tot Ion:	112	Resp:	1978135
Ion	Ratio	Lower	Upper
112	100		
64	71.2	56.7	85.1
63	36.8	29.5	44.3

Instrument :

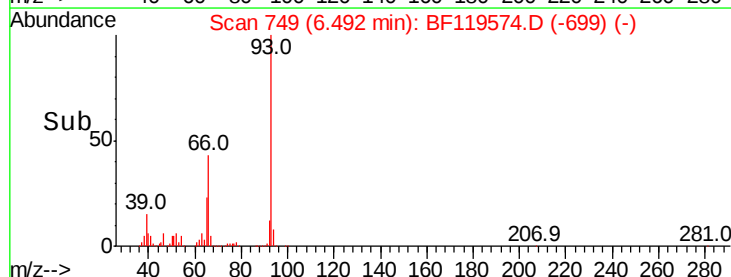
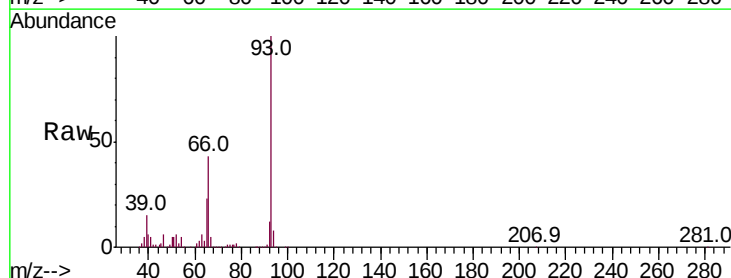
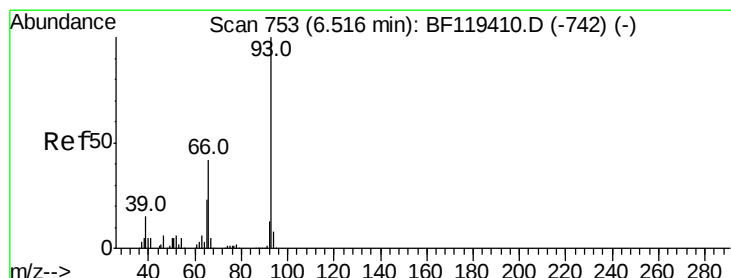
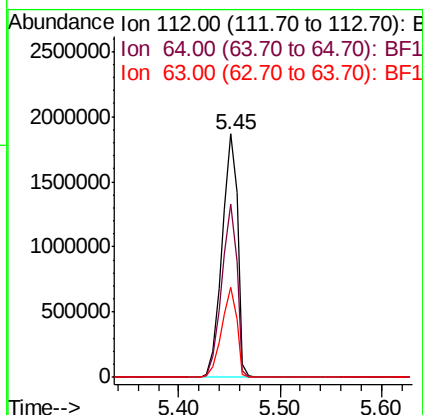
BNA_F

ClientSampleId :

PB127849BS

Manual Integrations
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#6

Aniline

Concen: 34.691 ng

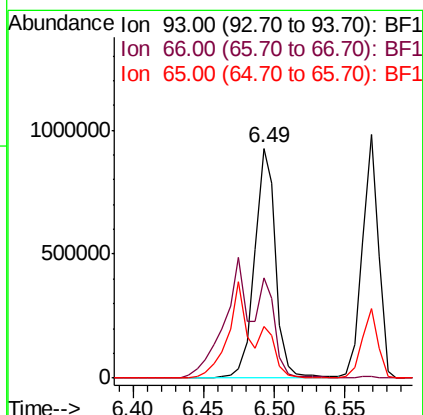
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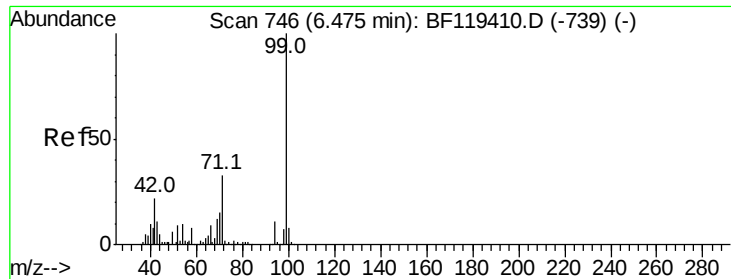
Delta R.T. -0.01 min

Lab File: BF119574.D

Acq: 27 Mar 2020 18:28

Tgt Ion:	93	Resp:	971999
Ion	Ratio	Lower	Upper
93	100		
66	43.4	34.9	52.3
65	22.5	18.6	27.8





#7

Phenol-d6

Concen: 125.140 ng

RT: 6.46 min Scan# 744

Delta R.T. -0.00 min

Lab File: BF119574.D

Acq: 27 Mar 2020 18:28

Instrument :

BNA_F

ClientSampleId :

PB127849BS

Tot Ion: 99 Resp: 2540541

Ion Ratio Lower Upper

99 100

42 20.7 16.6 24.8

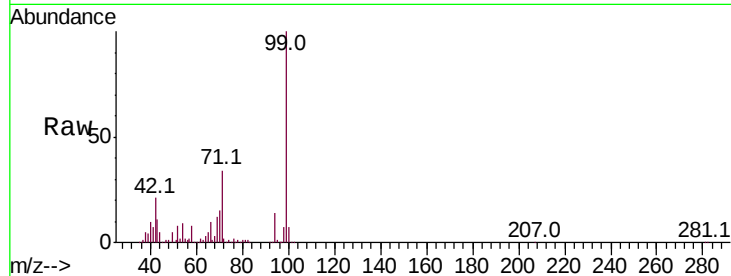
71 33.8 26.4 39.6

Manual Integrations

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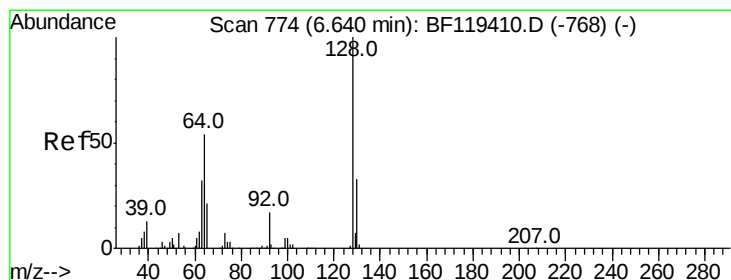
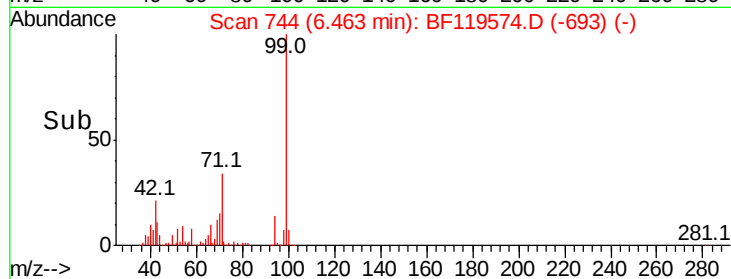
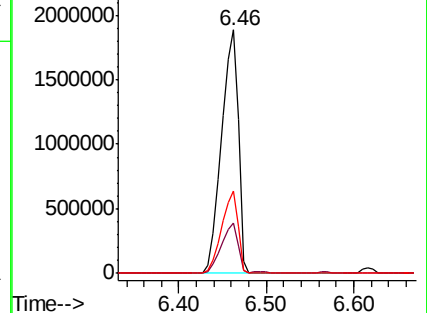
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Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 49.137 ng

RT: 6.62 min Scan# 770

Delta R.T. -0.01 min

Lab File: BF119574.D

Acq: 27 Mar 2020 18:28

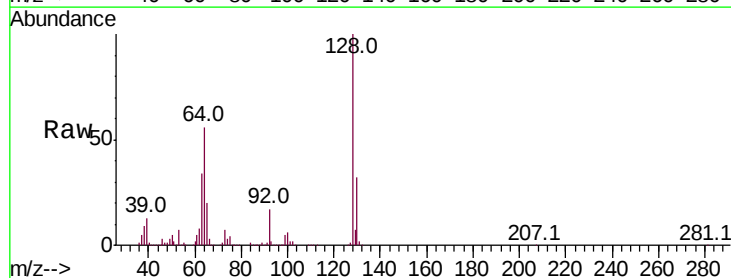
Tgt Ion:128 Resp: 820172

Ion Ratio Lower Upper

128 100

130 32.2 12.6 52.6

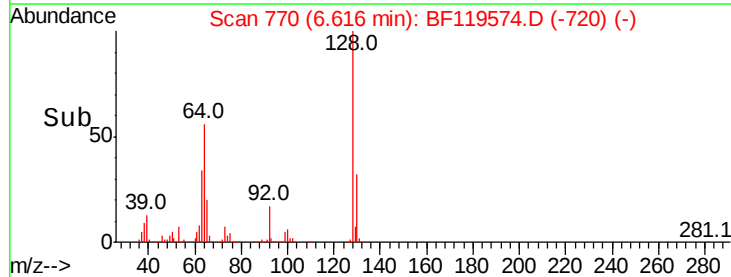
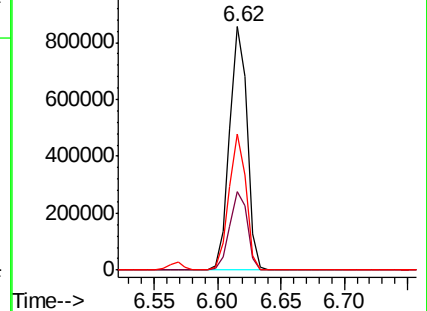
64 56.1 35.3 75.3

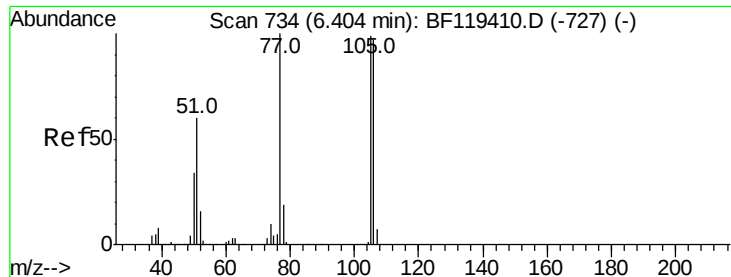


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 38.513 ng

RT: 6.38 min Scan# 730

Delta R.T. -0.01 min

Lab File: BF119574.D

Acq: 27 Mar 2020 18:28

Instrument :

BNA_F

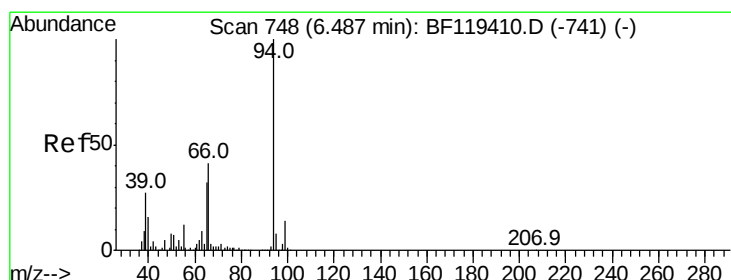
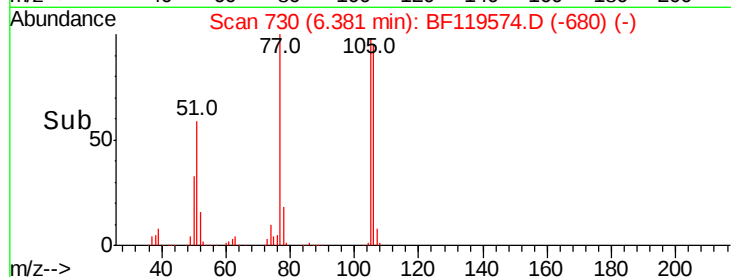
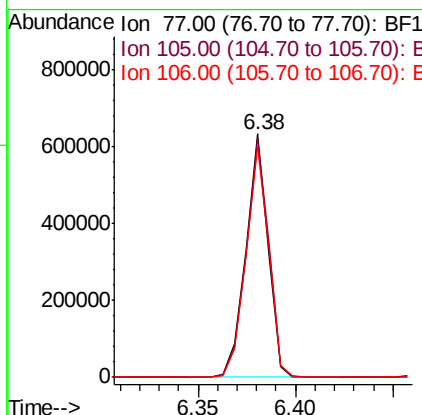
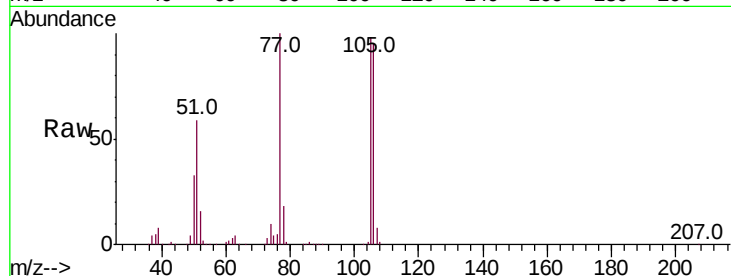
ClientSampleId :

PB127849BS

Tot Ion	Ratio	Lower	Upper
77	100		
105	98.3	80.9	120.9
106	94.8	77.9	117.9

Manual Integrations
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#10

Phenol

Concen: 48.228 ng

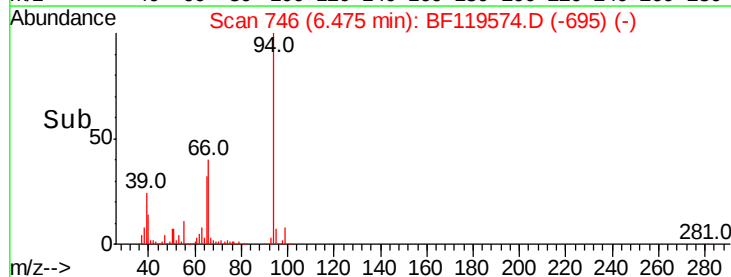
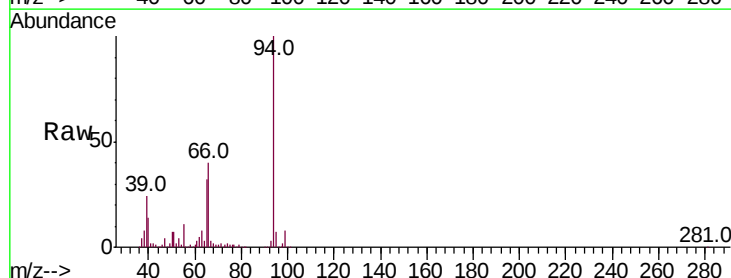
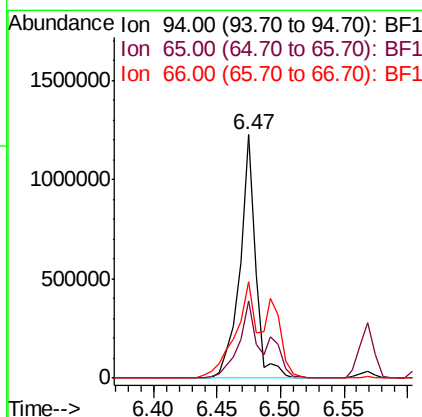
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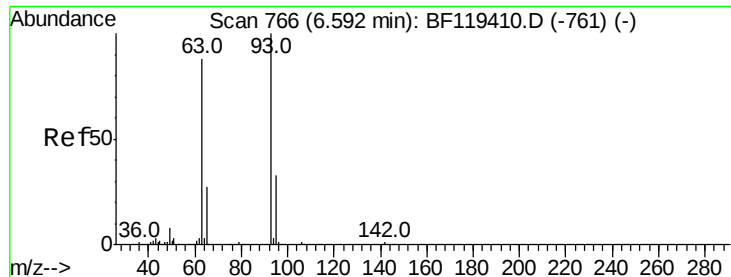
Delta R.T. -0.00 min

Lab File: BF119574.D

Acq: 27 Mar 2020 18:28

Tgt Ion	Ratio	Lower	Upper
94	100		
65	31.5	13.2	53.2
66	39.7	22.3	62.3





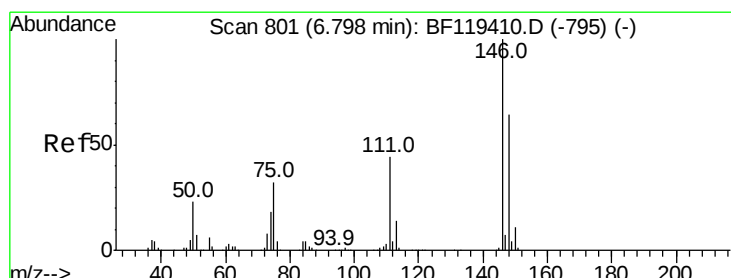
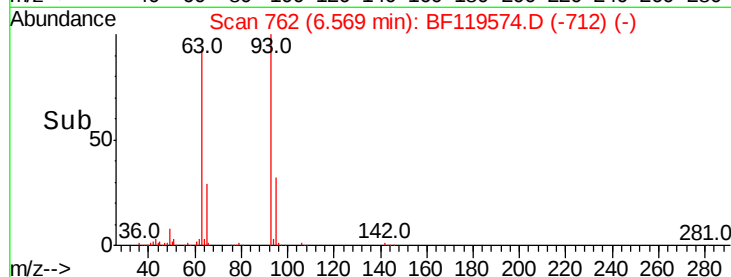
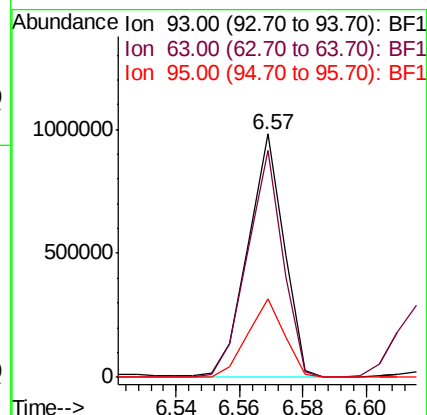
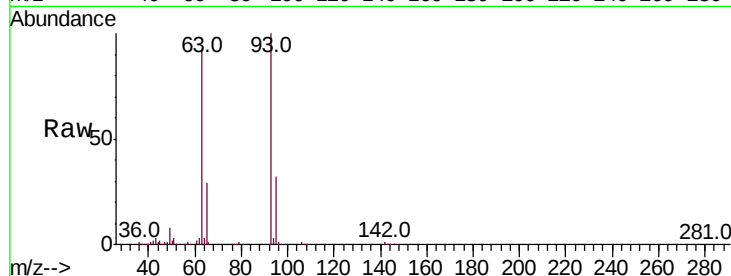
#11
bis(2-Chloroethyl)ether
Concen: 44.793 ng
RT: 6.57 min Scan# 762
Delta R.T. -0.01 min
Lab File: BF119574.D
Acq: 27 Mar 2020 18:28

Instrument :
BNA_F
ClientSampleId :
PB127849BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	93.2	70.2	110.2
95	32.4	13.4	53.4

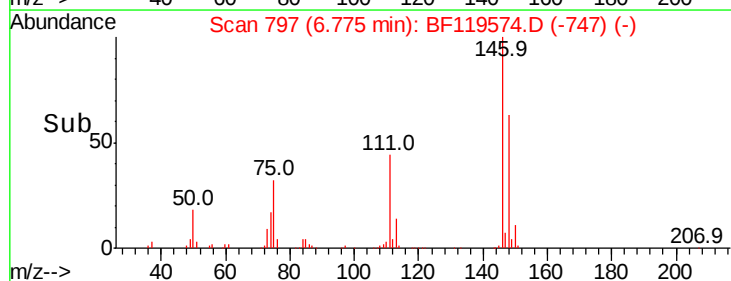
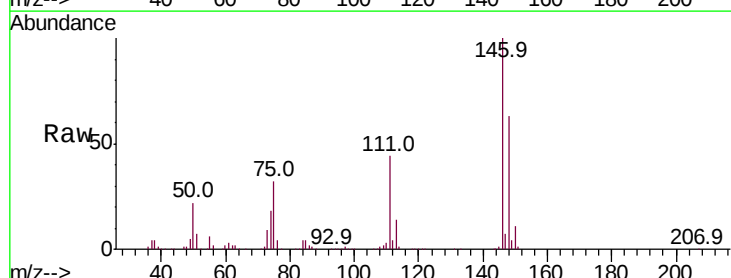
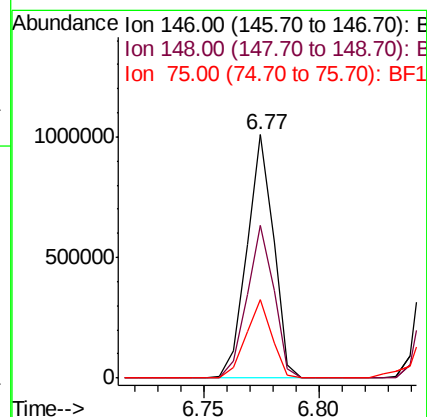
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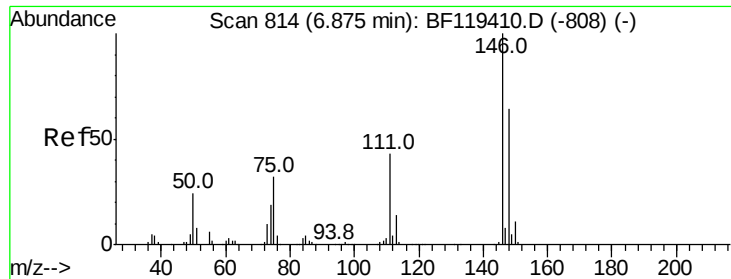
mohammad
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#12
1,3-Dichlorobenzene
Concen: 45.031 ng
RT: 6.77 min Scan# 797
Delta R.T. -0.01 min
Lab File: BF119574.D
Acq: 27 Mar 2020 18:28

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.9	52.2	78.4
75	32.2	23.0	34.4





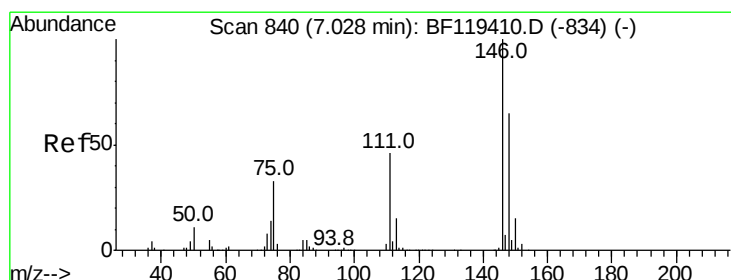
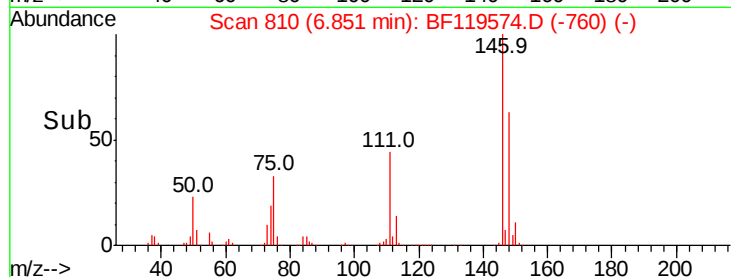
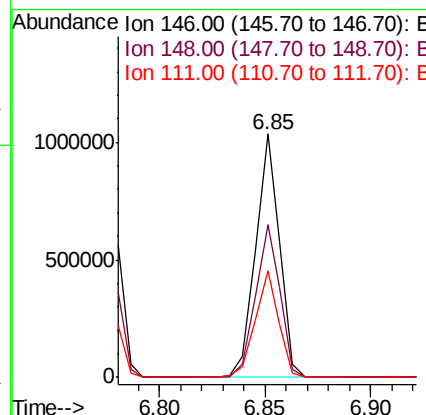
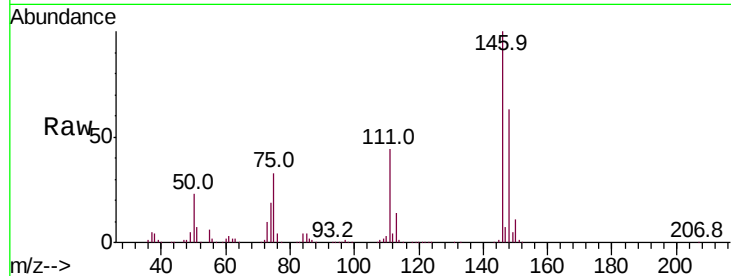
#13
 1,4-Dichlorobenzene
 Concen: 44.893 ng
 RT: 6.85 min Scan# 810
 Delta R.T. -0.01 min
 Lab File: BF119574.D
 Acq: 27 Mar 2020 18:28

Instrument :
 BNA_F
 ClientSampled :
 PB127849BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	62.8	51.5	77.3
111	43.9	33.3	49.9

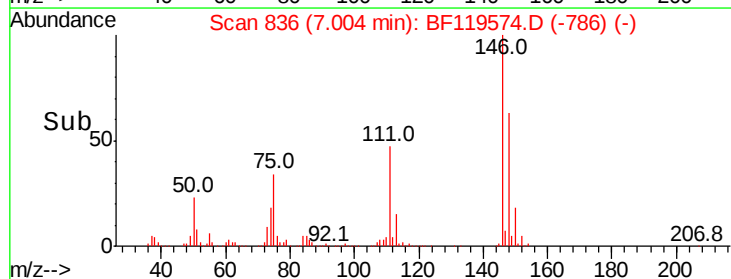
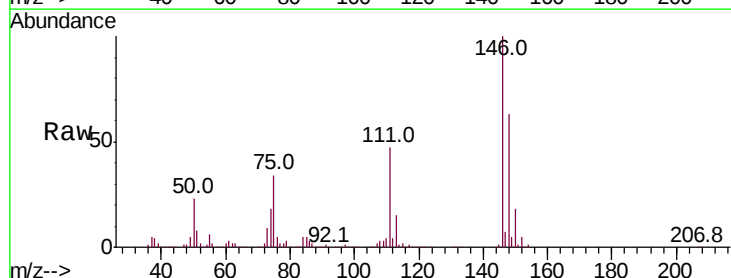
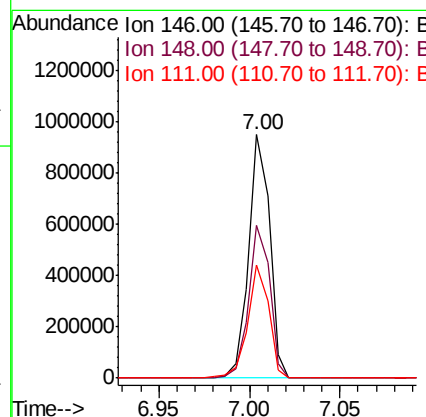
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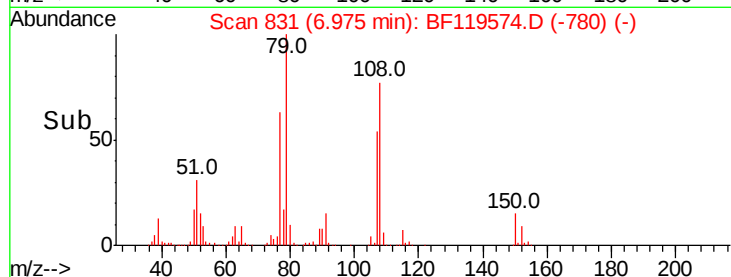
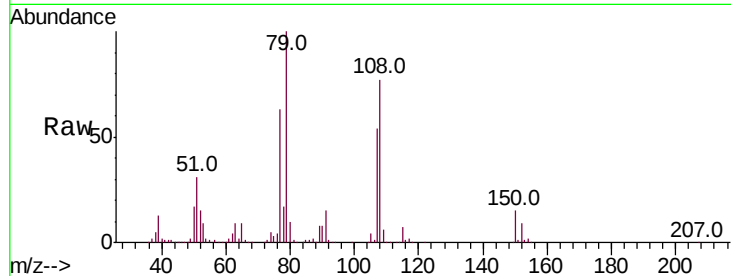
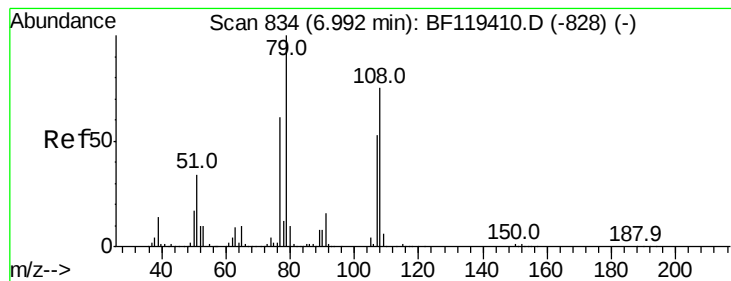
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#14
 1,2-Dichlorobenzene
 Concen: 45.256 ng
 RT: 7.00 min Scan# 836
 Delta R.T. -0.01 min
 Lab File: BF119574.D
 Acq: 27 Mar 2020 18:28

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.7	50.6	75.8
111	46.7	36.1	54.1





#15

Benzyl Alcohol

Concen: 44.164 ng

RT: 6.97 min Scan# 831

Delta R.T. -0.00 min

Lab File: BF119574.D

Acq: 27 Mar 2020 18:28

Tot Ion:	79	Resp:	674433
Ion Ratio	Lower	Upper	
79	100		
108	77.4	60.6	90.8
77	62.7	50.2	75.2

Instrument :

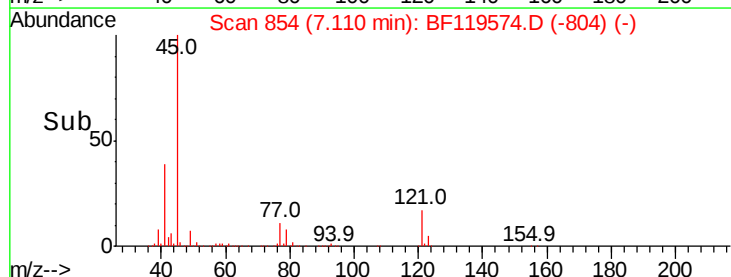
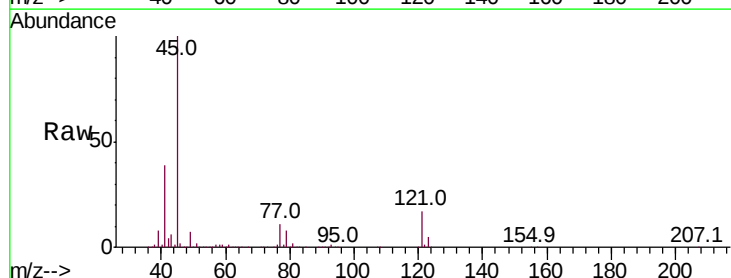
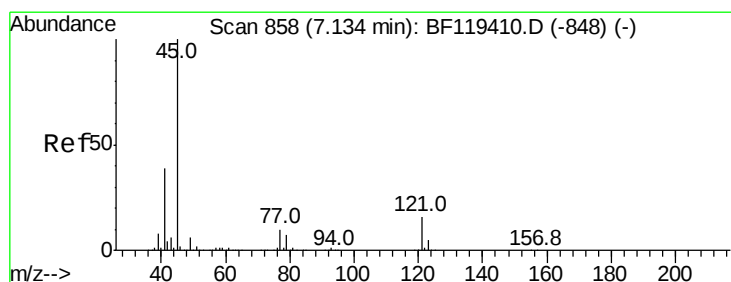
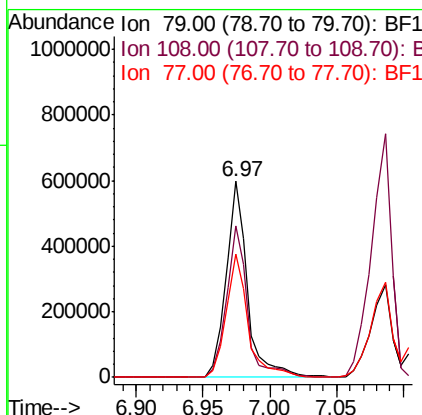
BNA_F

ClientSampleId :

PB127849BS

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 44.304 ng

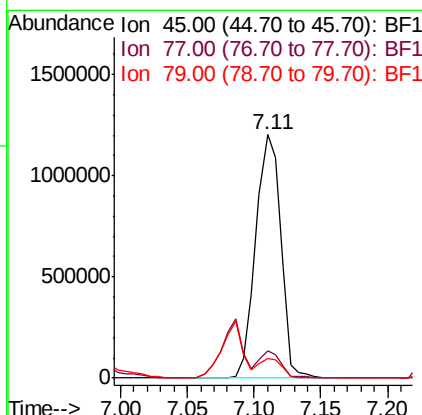
RT: 7.11 min Scan# 854

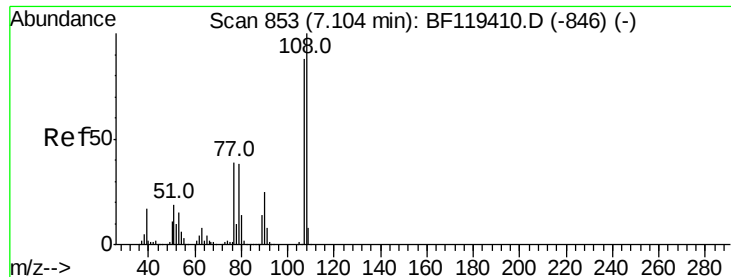
Delta R.T. -0.01 min

Lab File: BF119574.D

Acq: 27 Mar 2020 18:28

Tgt Ion:	45	Resp:	1548241
Ion Ratio	Lower	Upper	
45	100		
77	11.0	0.0	30.7
79	8.1	0.0	28.2





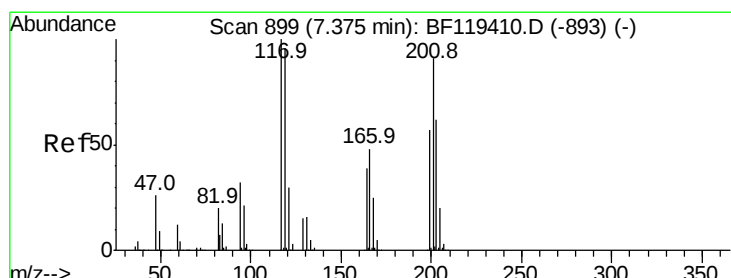
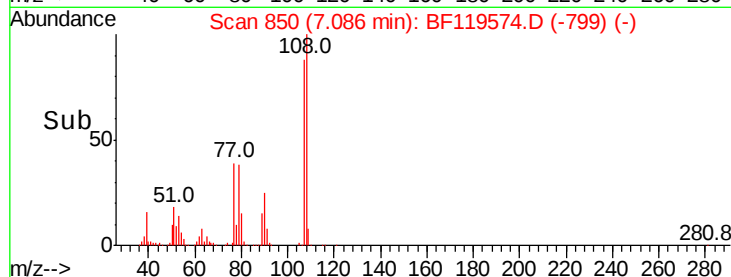
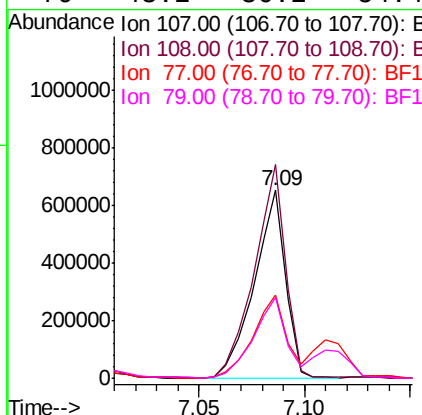
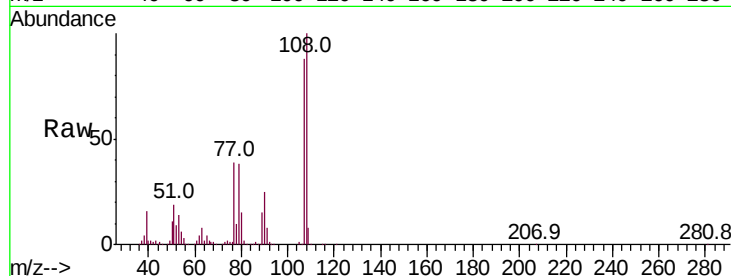
#17
2-Methylphenol
Concen: 43.692 ng
RT: 7.09 min Scan# 850
Delta R.T. -0.00 min
Lab File: BF119574.D
Acq: 27 Mar 2020 18:28

Instrument :
BNA_F
ClientSampleId :
PB127849BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100	668191		
108	113.6	92.2	138.4	
77	44.6	36.6	54.8	
79	43.2	36.2	54.4	

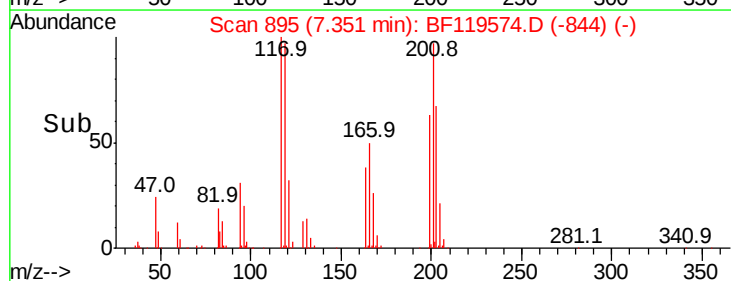
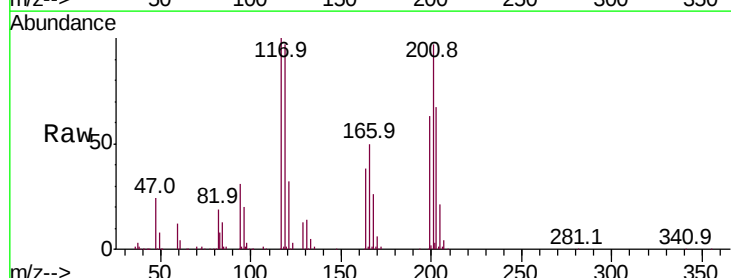
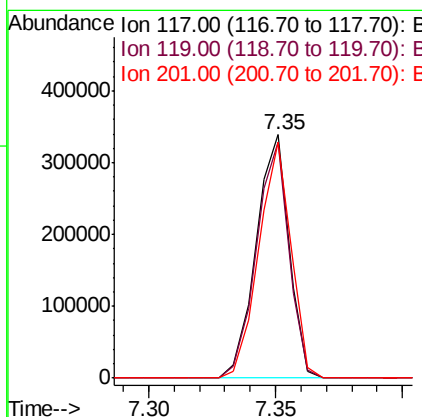
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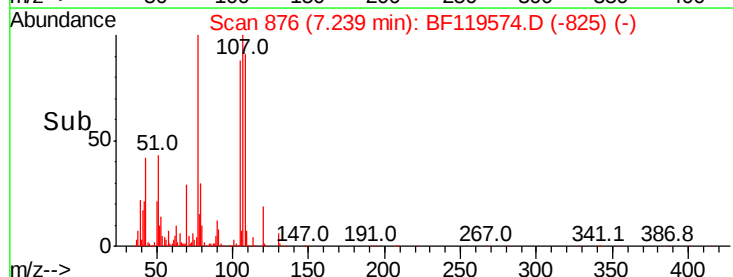
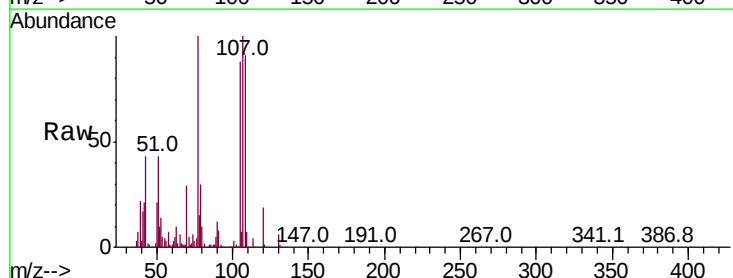
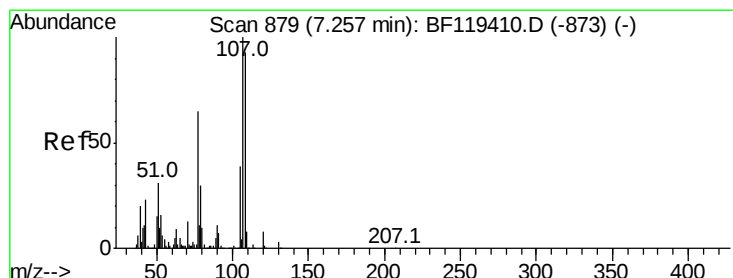
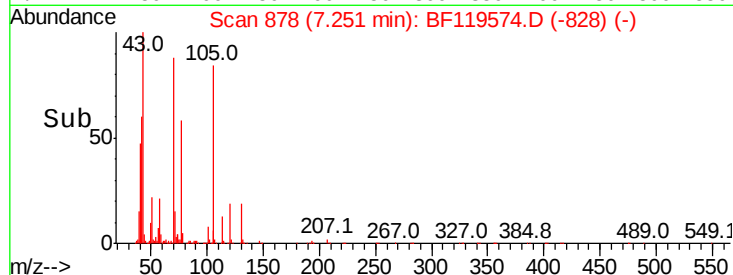
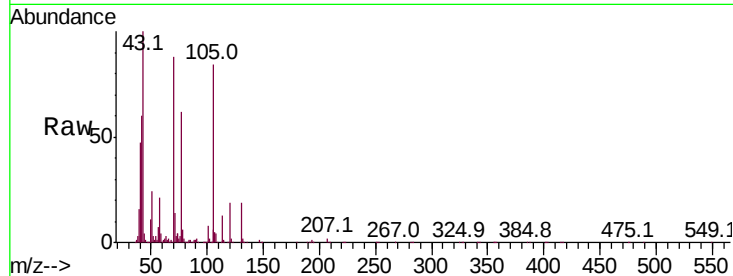
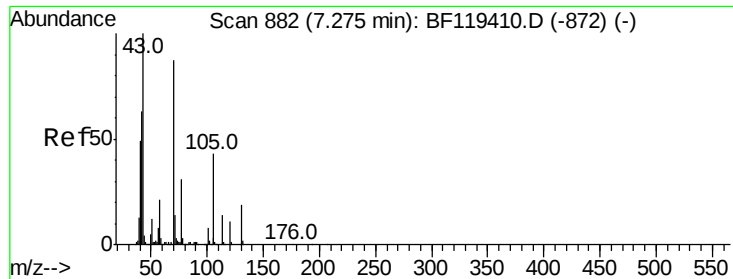
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#18
Hexachloroethane
Concen: 46.529 ng
RT: 7.35 min Scan# 895
Delta R.T. -0.00 min
Lab File: BF119574.D
Acq: 27 Mar 2020 18:28

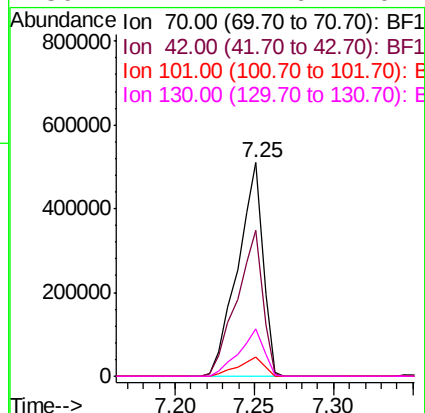
Tgt Ion	Ratio	Resp	Lower	Upper
117	100	308114		
119	96.7	76.1	114.1	
201	96.8	73.0	109.6	





#19
n-Nitroso-di-n-propylamine
Concen: 45.938 ng
RT: 7.25 min Scan# 878
Delta R.T. -0.01 min
Lab File: BF119574.D
Acq: 27 Mar 2020 18:28

Tot Ion	Ratio	Lower	Upper
70	100		
42	68.5	54.5	81.7
101	8.9	7.6	11.4
130	22.1	17.6	26.4



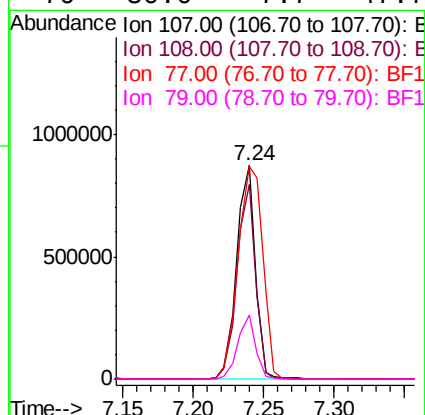
Instrument :
BNA_F
ClientSampleId :
PB127849BS

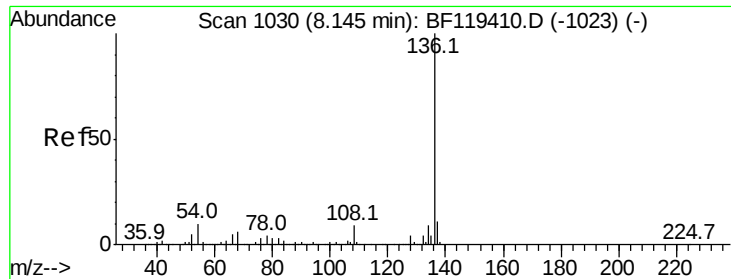
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#20
3+4-Methylphenols
Concen: 42.949 ng
RT: 7.24 min Scan# 876
Delta R.T. -0.00 min
Lab File: BF119574.D
Acq: 27 Mar 2020 18:28

Tgt Ion	Ratio	Lower	Upper
107	100		
108	91.2	67.9	107.9
77	99.7	52.9	92.9#
79	30.0	7.7	47.7





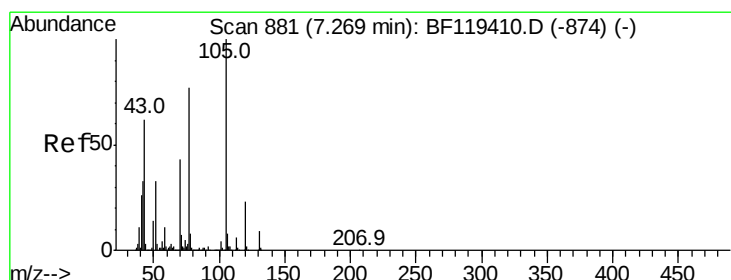
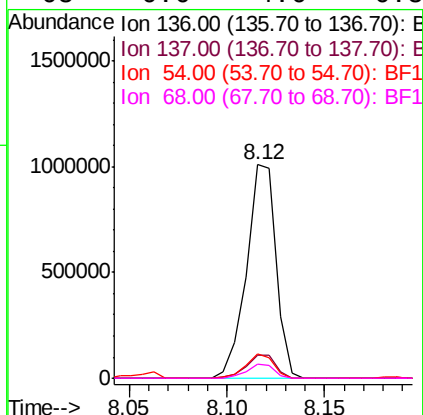
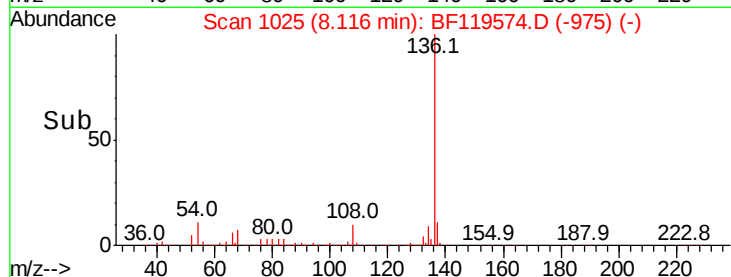
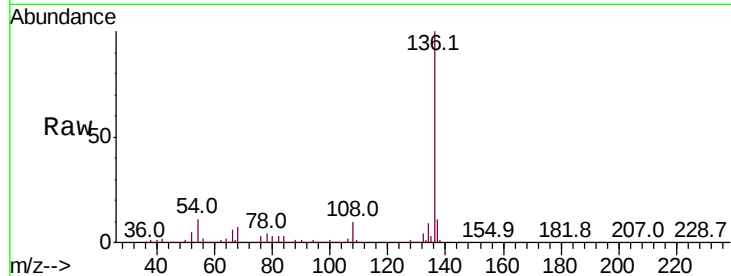
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.12 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BF119574.D
Acq: 27 Mar 2020 18:28

Instrument :
BNA_F
ClientSampleId :
PB127849BS

Tot Ion	136	Resp	1057216
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.7	13.1
54	11.3	9.1	13.7
68	6.6	4.6	6.8

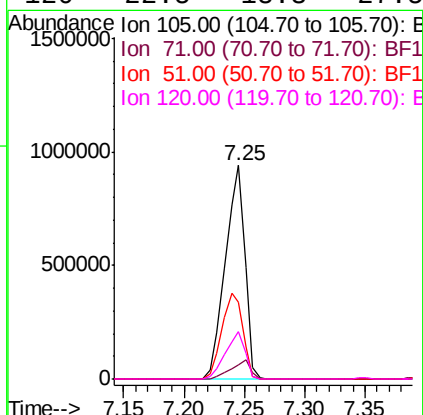
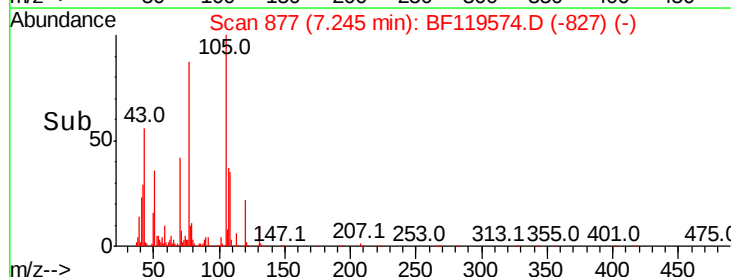
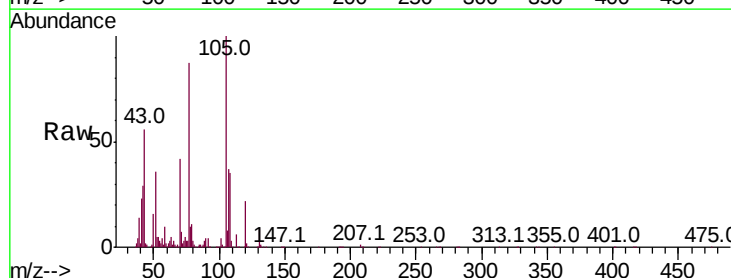
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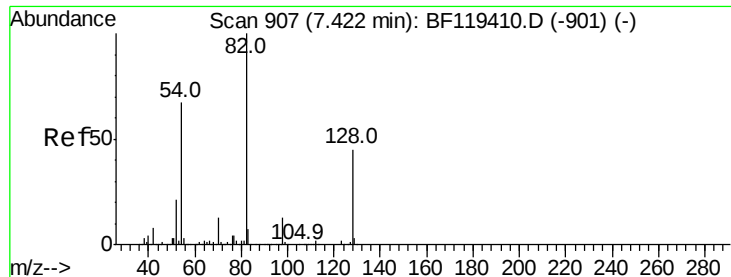
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#22
Acetophenone
Concen: 41.705 ng
RT: 7.25 min Scan# 877
Delta R.T. -0.01 min
Lab File: BF119574.D
Acq: 27 Mar 2020 18:28

Tgt Ion	105	Resp	1053547
Ion	Ratio	Lower	Upper
105	100		
71	6.8	5.7	8.5
51	36.0	26.2	39.4
120	22.5	18.3	27.5





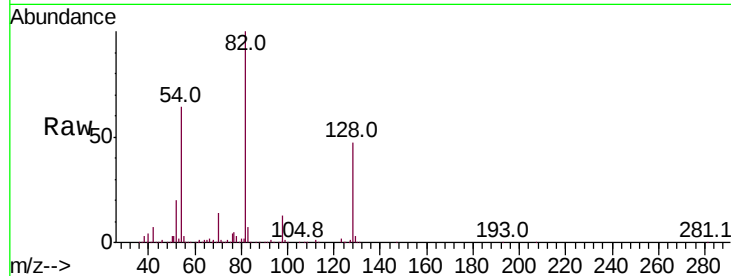
#23
 Nitrobenzene-d5
 Concen: 84.665 ng
 RT: 7.40 min Scan# 903
 Delta R.T. -0.01 min
 Lab File: BF119574.D
 Acq: 27 Mar 2020 18:28

Instrument :
 BNA_F
 ClientSampleId :
 PB127849BS

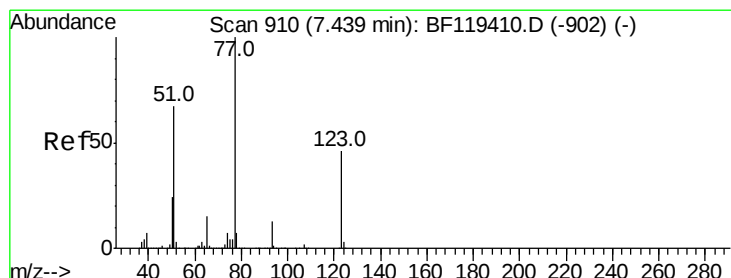
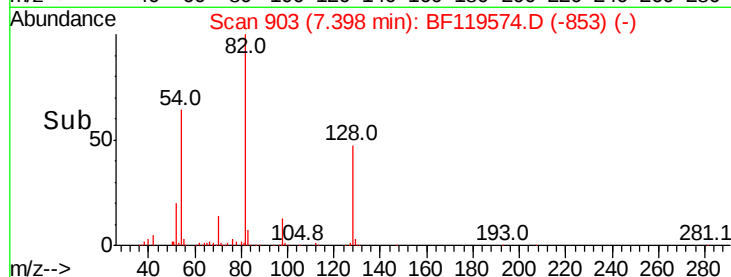
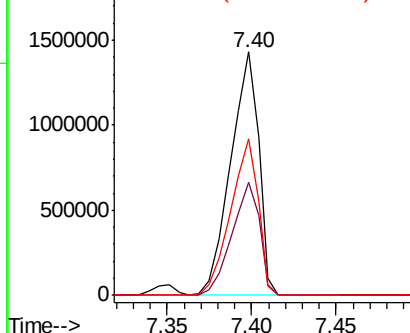
Tot Ion: 82 Resp: 1646960
 Ion Ratio Lower Upper
 82 100
 128 46.5 36.3 54.5
 54 64.4 50.6 75.8

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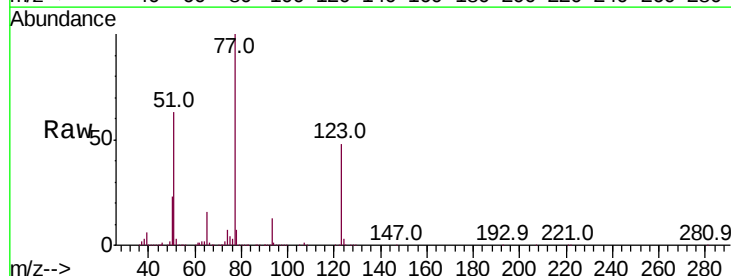


Abundance Ion 82.00 (81.70 to 82.70): BF1
 2000000 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

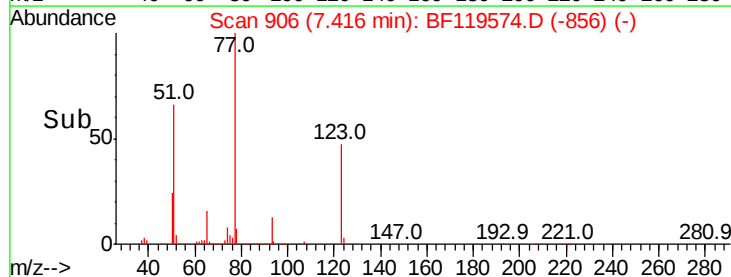
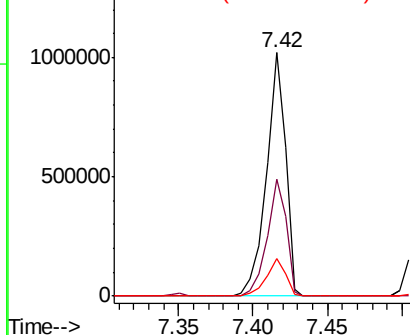


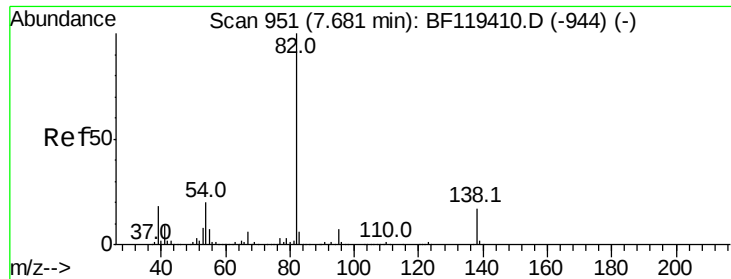
#24
 Nitrobenzene
 Concen: 43.046 ng
 RT: 7.42 min Scan# 906
 Delta R.T. -0.01 min
 Lab File: BF119574.D
 Acq: 27 Mar 2020 18:28

Tgt Ion: 77 Resp: 894887
 Ion Ratio Lower Upper
 77 100
 123 47.8 38.0 57.0
 65 15.5 12.6 18.8



Abundance Ion 77.00 (76.70 to 77.70): BF1
 1000000 Ion 123.00 (122.70 to 123.70): BF1
 Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 39.981 ng

RT: 7.66 min Scan# 947

Delta R.T. -0.01 min

Lab File: BF119574.D

Acq: 27 Mar 2020 18:28

Instrument :

BNA_F

ClientSampleId :

PB127849BS

Tot Ion: 82 Resp: 1577669

Ion Ratio Lower Upper

82 100

95 6.9 5.8 8.6

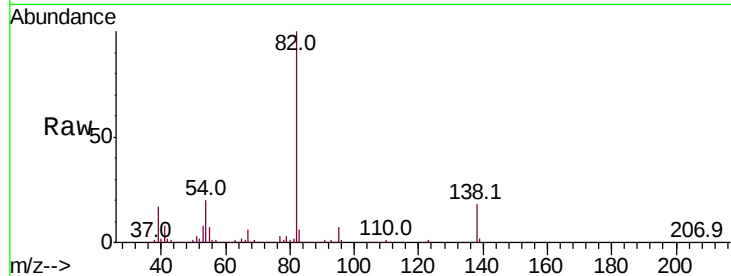
138 17.9 14.6 21.8

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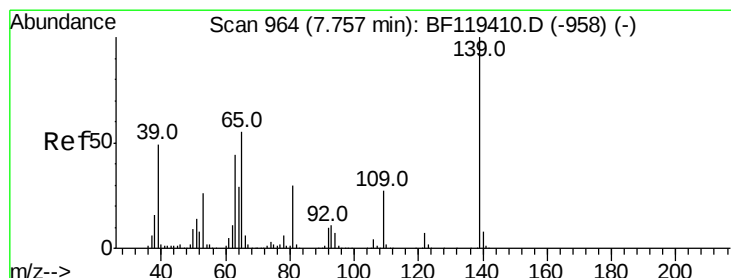
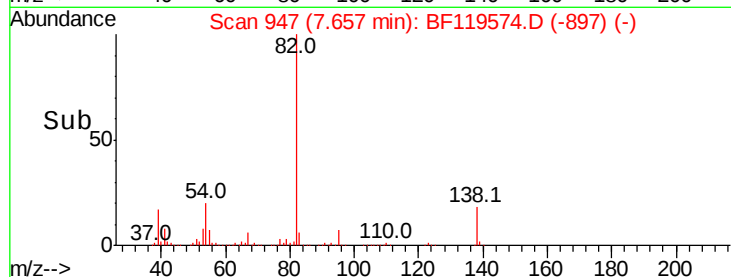
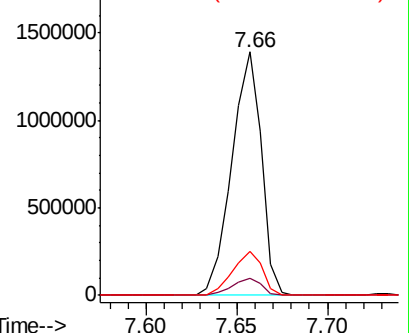
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Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 52.844 ng

RT: 7.73 min Scan# 960

Delta R.T. -0.00 min

Lab File: BF119574.D

Acq: 27 Mar 2020 18:28

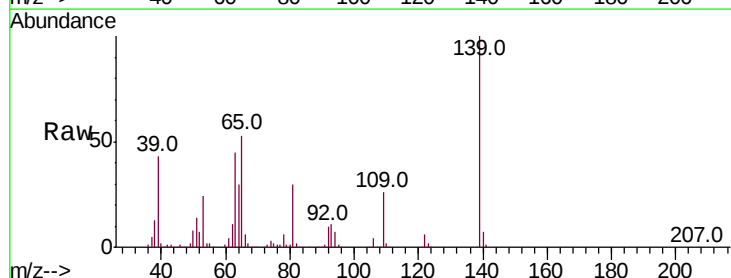
Tgt Ion: 139 Resp: 432551

Ion Ratio Lower Upper

139 100

109 26.2 22.1 33.1

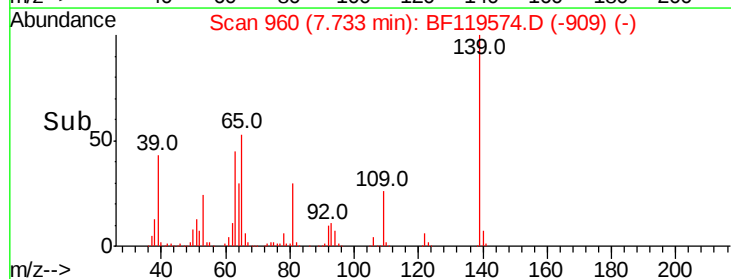
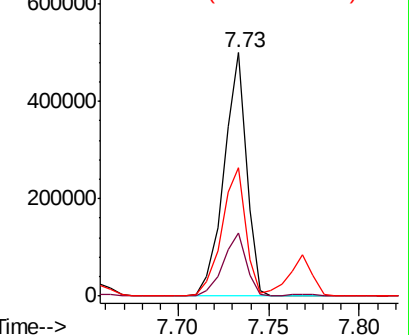
65 52.9 49.2 73.8

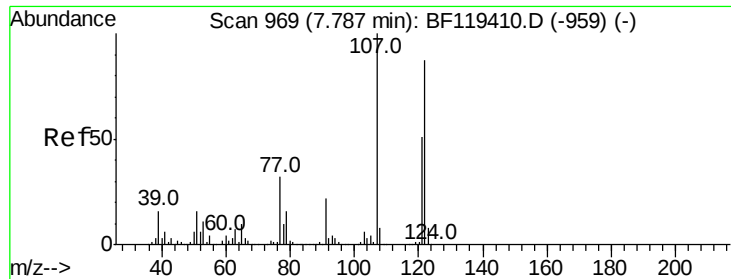


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





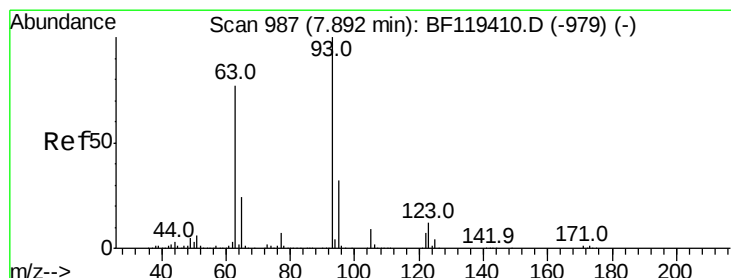
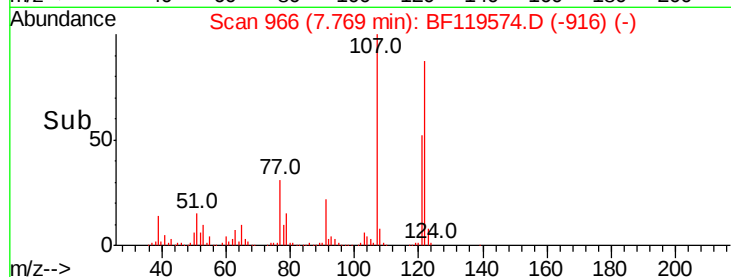
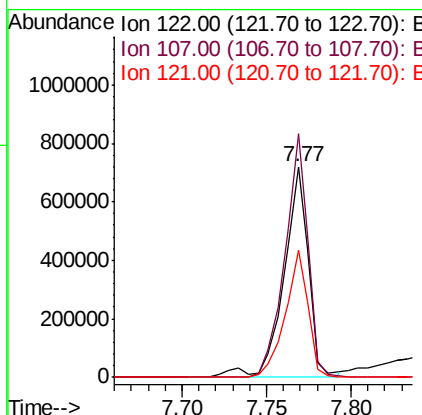
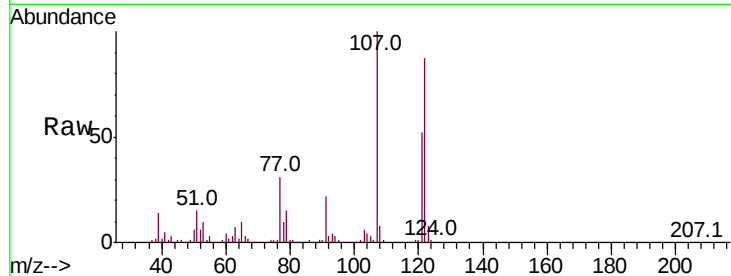
#27
2,4-Dimethylphenol
Concen: 43.330 ng
RT: 7.77 min Scan# 966
Delta R.T. -0.01 min
Lab File: BF119574.D
Acq: 27 Mar 2020 18:28

Instrument :
BNA_F
ClientSampled :
PB127849BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	115.4	89.0	133.6
121	60.0	46.7	70.1

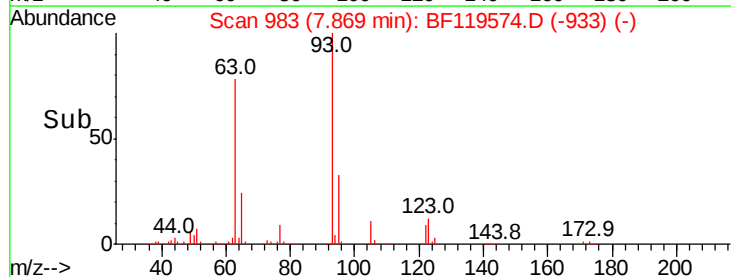
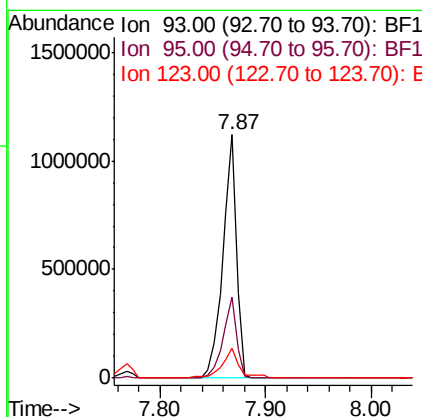
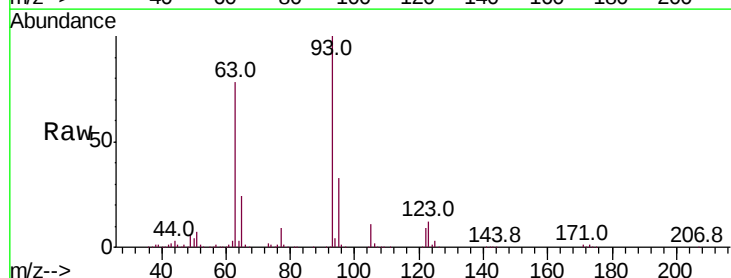
Manual Integrations
APPROVED

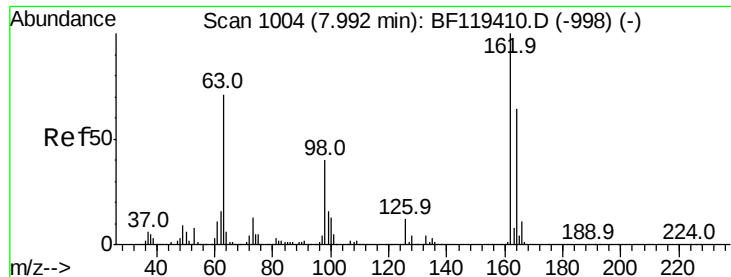
mohammad
3/31/2020 8:15:17 AM



#28
bis(2-Chloroethoxy)methane
Concen: 43.677 ng
RT: 7.87 min Scan# 983
Delta R.T. -0.01 min
Lab File: BF119574.D
Acq: 27 Mar 2020 18:28

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.4	26.3	39.5
123	12.2	9.7	14.5





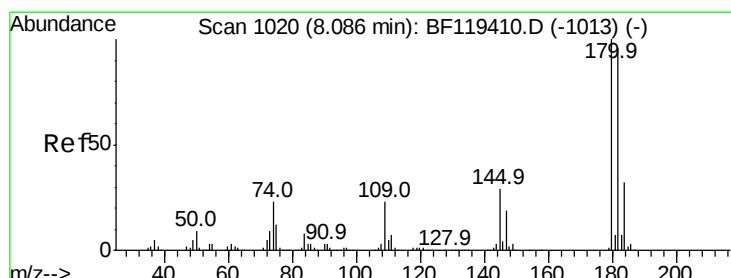
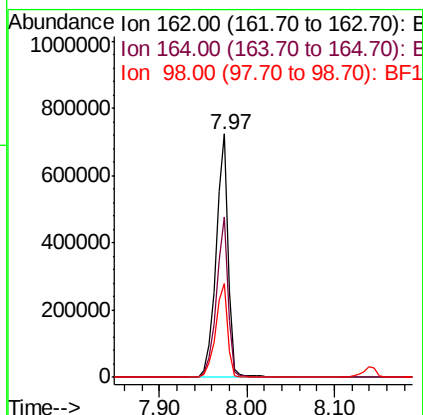
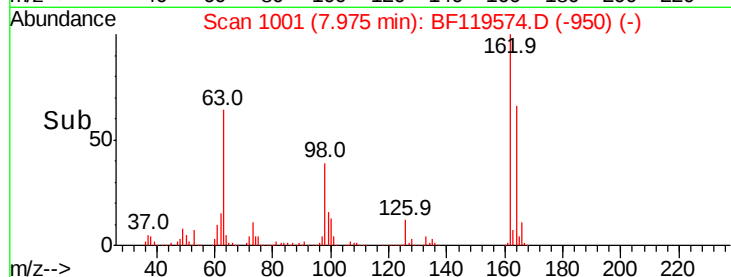
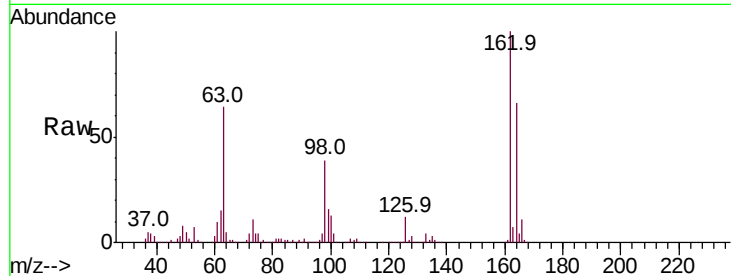
#29
2,4-Dichlorophenol
Concen: 44.706 ng
RT: 7.97 min Scan# 1001
Delta R.T. -0.00 min
Lab File: BF119574.D
Acq: 27 Mar 2020 18:28

Instrument :
BNA_F
ClientSampleId :
PB127849BS

Tot Ion	Ratio	Lower	Upper
162	100		
164	66.1	44.7	84.7
98	38.8	20.7	60.7

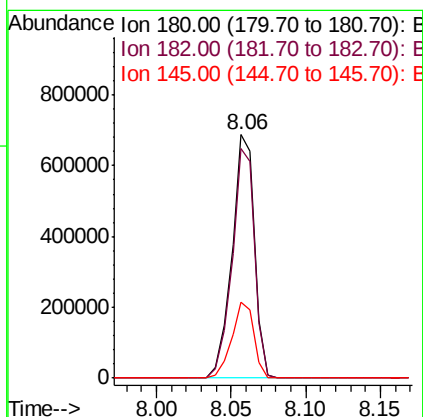
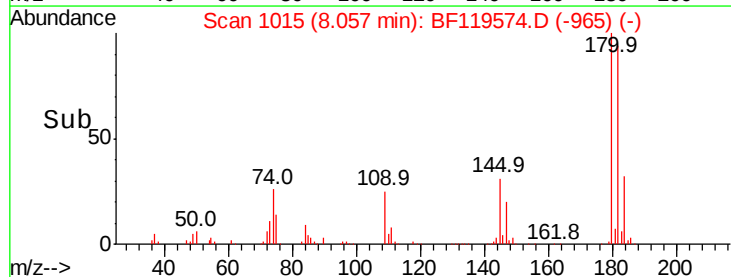
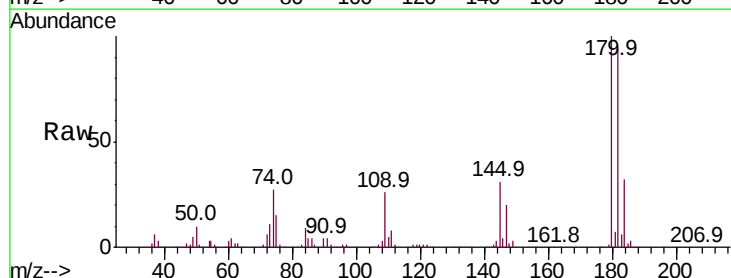
Manual Integrations
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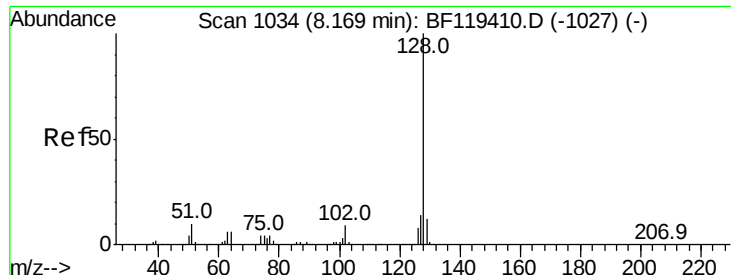
mohammad
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#30
1,2,4-Trichlorobenzene
Concen: 42.260 ng
RT: 8.06 min Scan# 1015
Delta R.T. -0.01 min
Lab File: BF119574.D
Acq: 27 Mar 2020 18:28

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.4	74.7	112.1
145	31.2	24.5	36.7





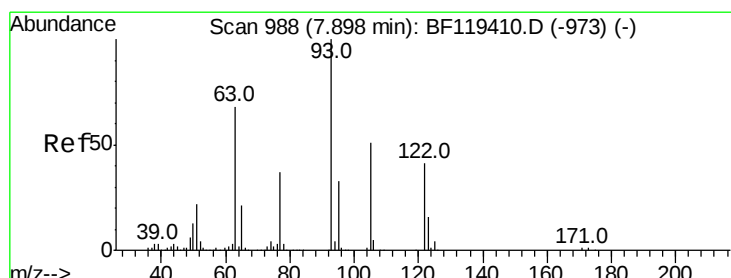
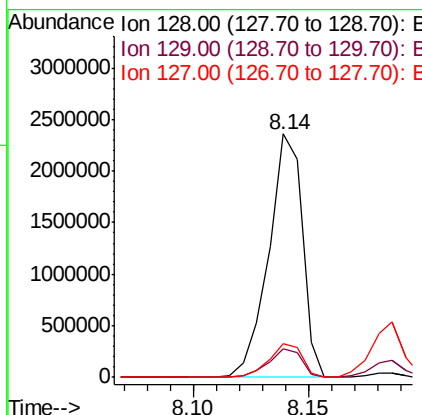
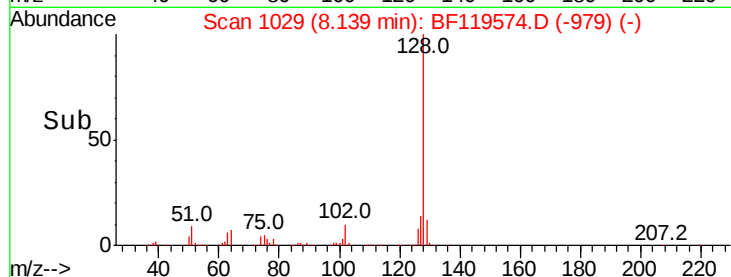
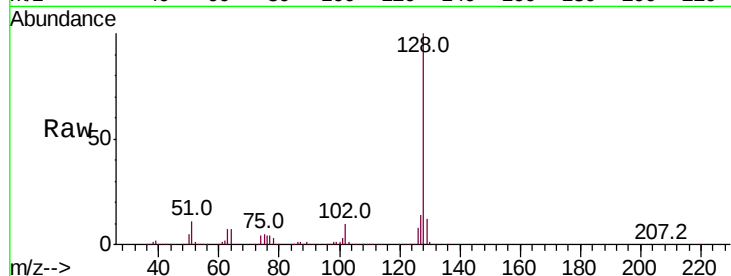
#31
Naphthalene
Concen: 44.003 ng
RT: 8.14 min Scan# 1029
Delta R.T. -0.01 min
Lab File: BF119574.D
Acq: 27 Mar 2020 18:28

Instrument :
BNA_F
ClientSampleId :
PB127849BS

Tot Ion:128 Resp: 2394033
Ion Ratio Lower Upper
128 100
129 11.7 9.5 14.3
127 13.7 11.3 16.9

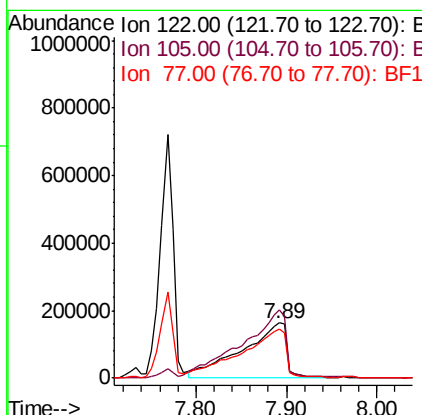
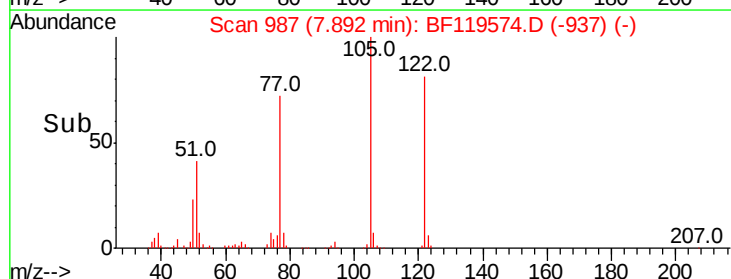
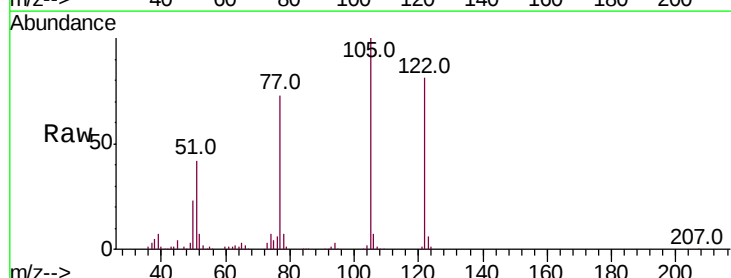
Manual Integrations
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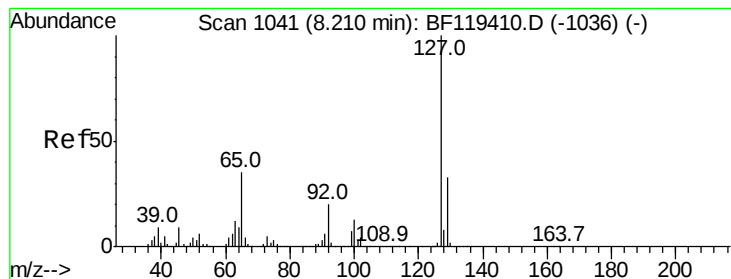
mohammad
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#32
Benzoic acid
Concen: 51.062 ng
RT: 7.89 min Scan# 987
Delta R.T. -0.01 min
Lab File: BF119574.D
Acq: 27 Mar 2020 18:28

Tgt Ion:122 Resp: 555925
Ion Ratio Lower Upper
122 100
105 123.6 104.9 144.9
77 89.7 74.4 114.4





#33

4-Chloroaniline

Concen: 20.967 ng

RT: 8.19 min Scan# 1037

Delta R.T. -0.01 min

Lab File: BF119574.D

Acq: 27 Mar 2020 18:28

Instrument :

BNA_F

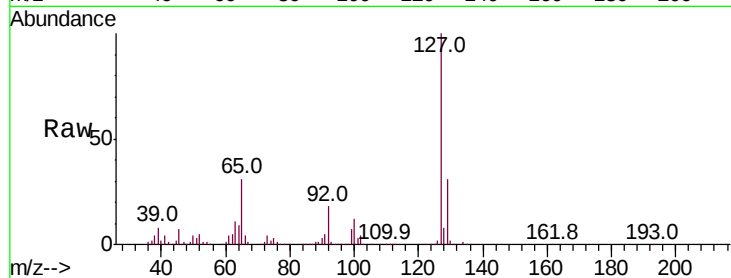
ClientSampleId :

PB127849BS

Tot Ion	Ratio	Lower	Upper
127	100		
129	31.2	26.2	39.4
65	31.5	27.4	41.0
92	18.4	15.3	22.9

Manual Integrations
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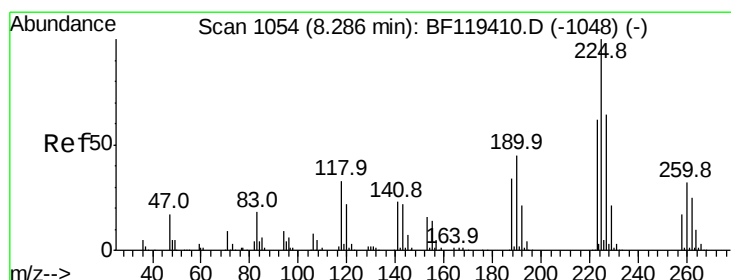
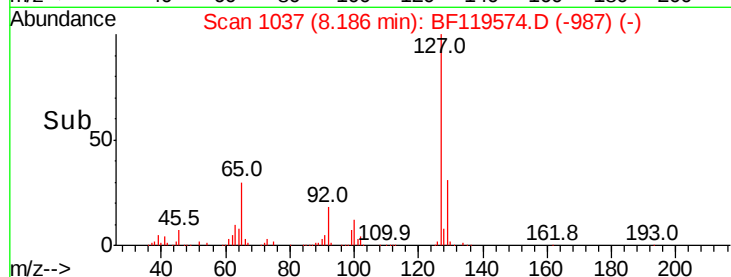
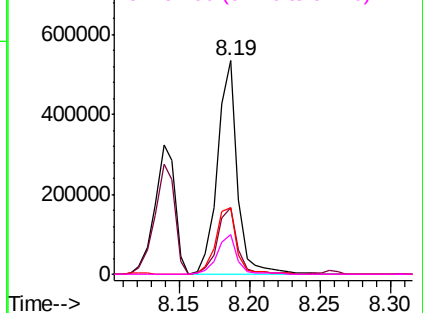
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34

Hexachlorobutadiene

Concen: 45.301 ng

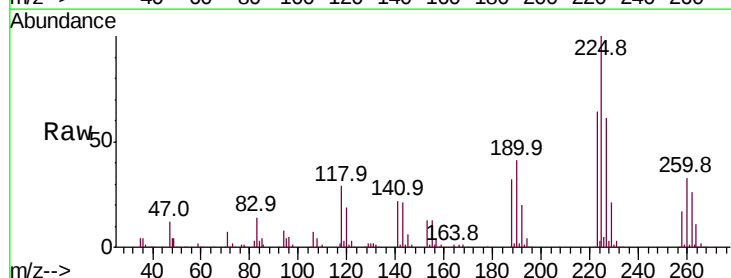
RT: 8.26 min Scan# 1050

Delta R.T. -0.00 min

Lab File: BF119574.D

Acq: 27 Mar 2020 18:28

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.8	51.0	76.6
227	61.3	50.7	76.1

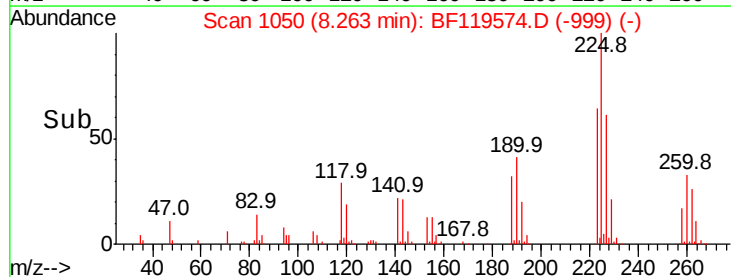
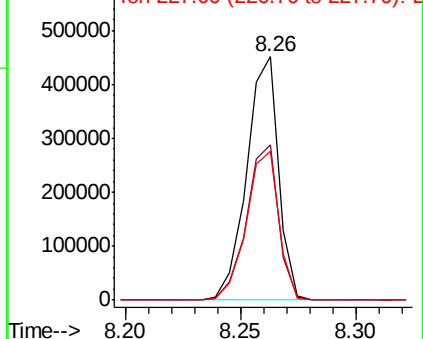


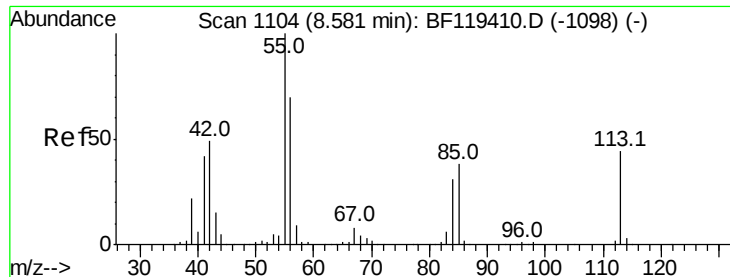
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





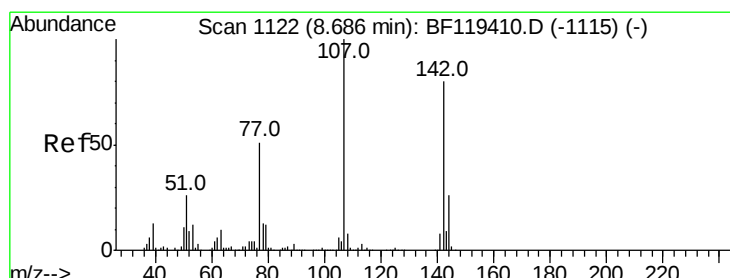
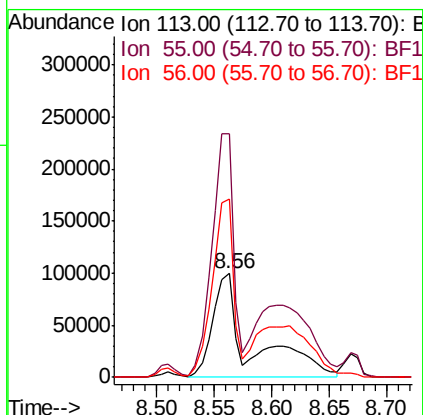
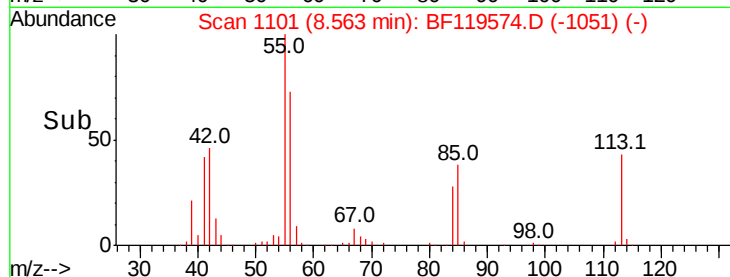
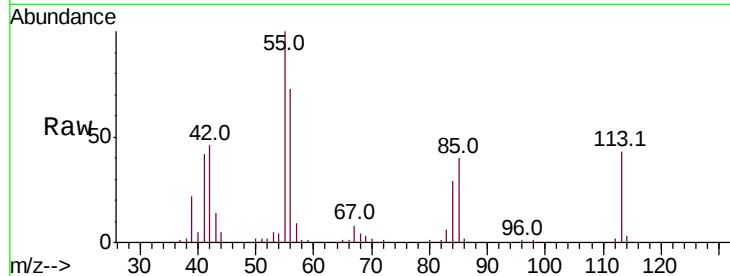
#35
Caprolactam
Concen: 44.777 ng/ml
RT: 8.56 min Scan# 1101
Delta R.T. -0.01 min
Lab File: BF119574.D
Acq: 27 Mar 2020 18:28

Instrument :
BNA_F
ClientSampleId :
PB127849BS

Tot Ion	Ratio	Lower	Upper
113	100		
55	234.3	218.4	258.4
56	172.2	148.9	188.9

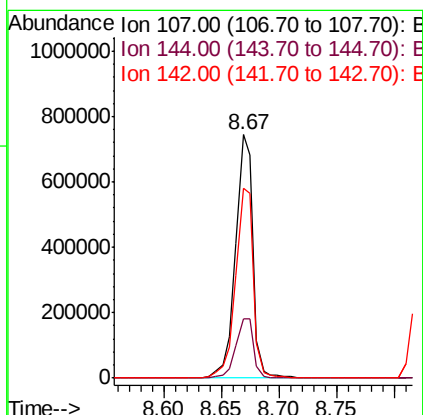
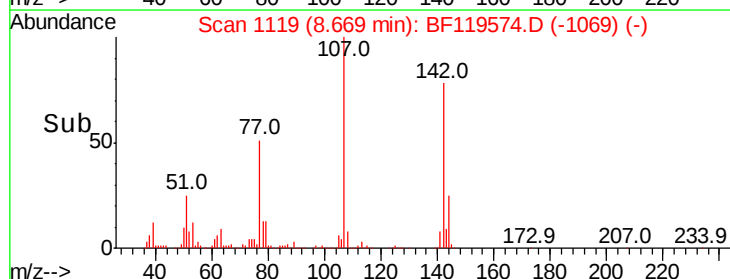
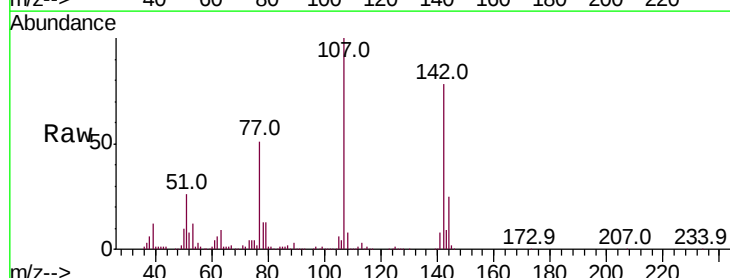
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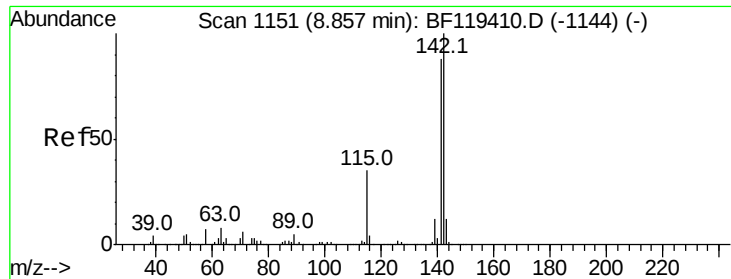
mohammad
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#36
4-Chloro-3-methylphenol
Concen: 45.840 ng/ml
RT: 8.67 min Scan# 1119
Delta R.T. -0.01 min
Lab File: BF119574.D
Acq: 27 Mar 2020 18:28

Tgt Ion	Ratio	Lower	Upper
107	100		
144	24.5	21.0	31.6
142	77.9	64.4	96.6





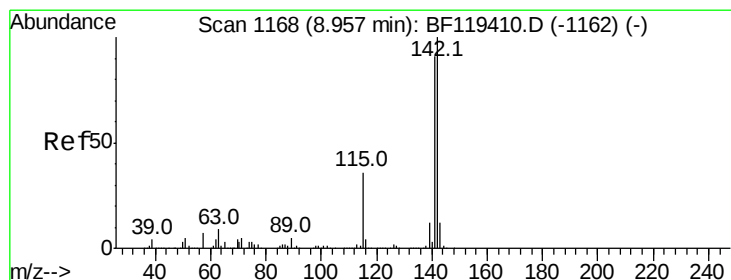
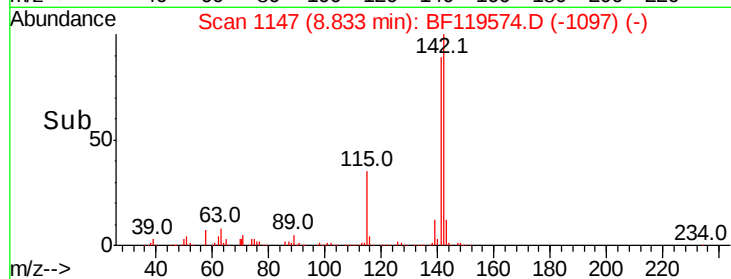
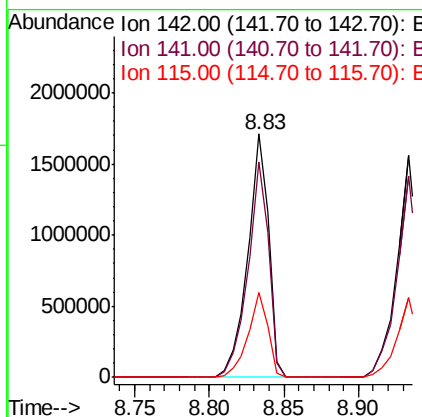
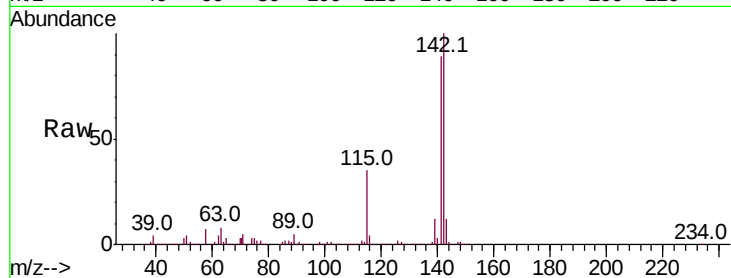
#37
2-Methylnaphthalene
Concen: 46.171 ng
RT: 8.83 min Scan# 1147
Delta R.T. -0.01 min
Lab File: BF119574.D
Acq: 27 Mar 2020 18:28

Instrument :
BNA_F
ClientSampleId :
PB127849BS

Tot Ion:142 Resp: 1648576
Ion Ratio Lower Upper
142 100
141 88.7 71.7 107.5
115 34.9 27.9 41.9

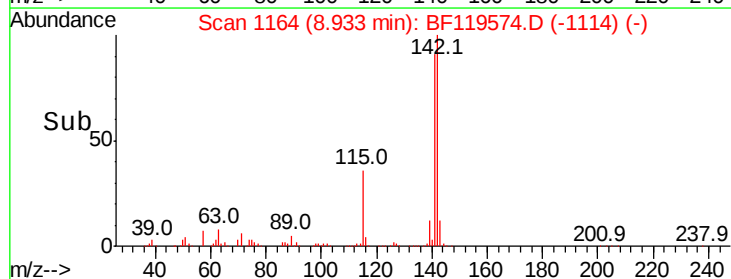
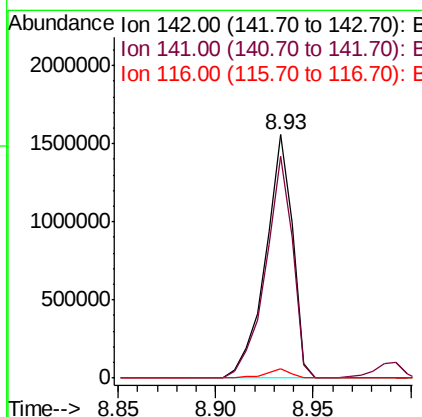
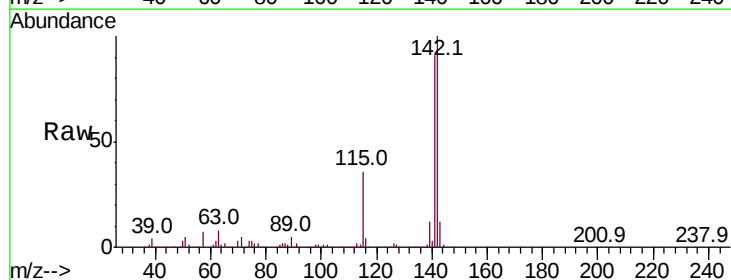
Manual Integrations
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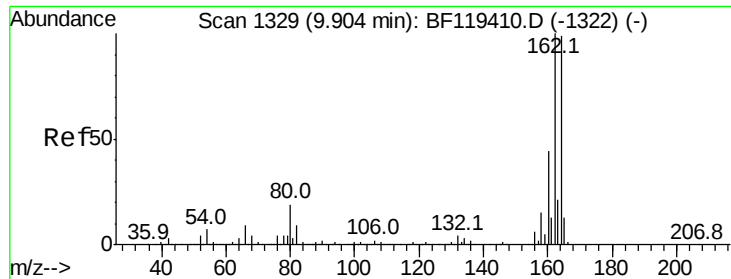
mohammad
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#38
1-Methylnaphthalene
Concen: 44.220 ng
RT: 8.93 min Scan# 1164
Delta R.T. -0.01 min
Lab File: BF119574.D
Acq: 27 Mar 2020 18:28

Tgt Ion:142 Resp: 1494468
Ion Ratio Lower Upper
142 100
141 91.2 73.7 110.5
116 3.9 3.0 4.6





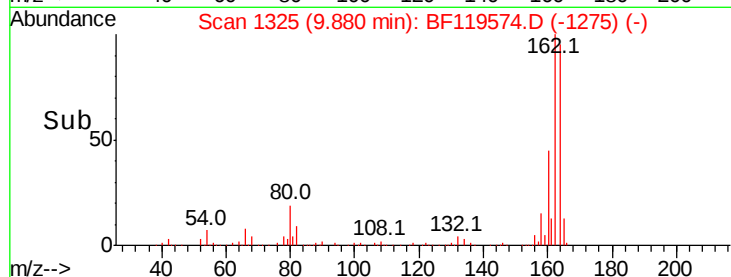
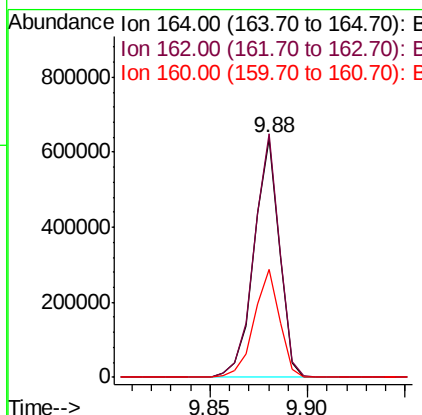
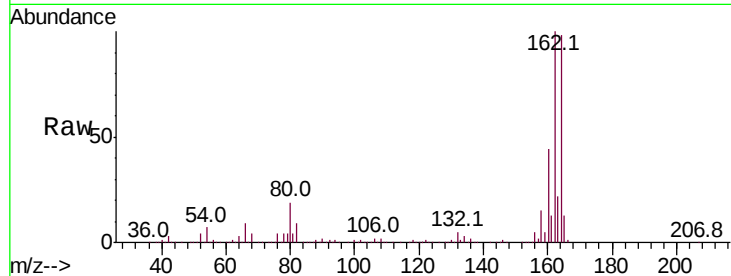
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.88 min Scan# 1325
 Delta R.T. -0.01 min
 Lab File: BF119574.D
 Acq: 27 Mar 2020 18:28

Instrument :
 BNA_F
 ClientSampleId :
 PB127849BS

Tot Ion	Ratio	Lower	Upper
164	100		
162	101.9	80.6	121.0
160	45.3	35.7	53.5

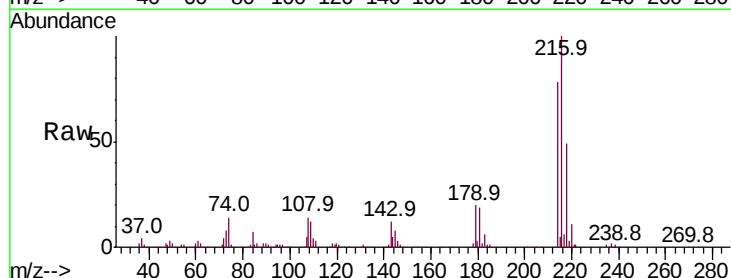
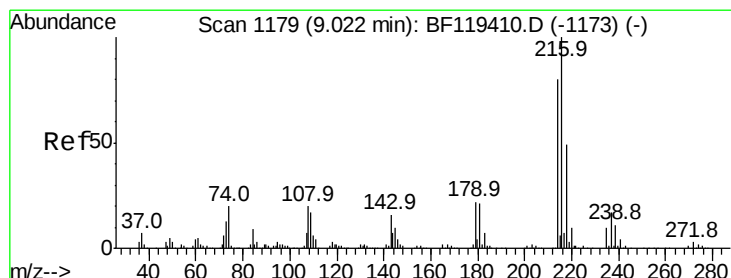
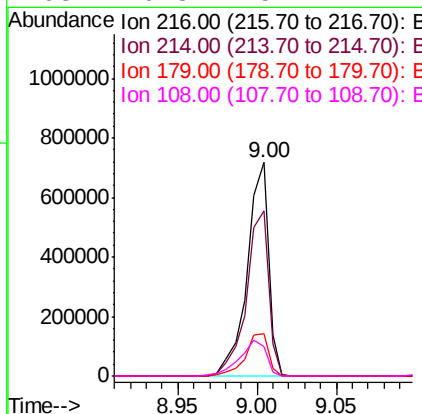
Manual Integrations
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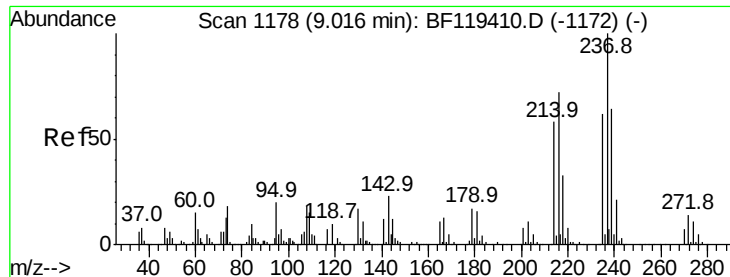
mohammad
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#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 40.026 ng
 RT: 9.00 min Scan# 1176
 Delta R.T. -0.00 min
 Lab File: BF119574.D
 Acq: 27 Mar 2020 18:28

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.8	63.2	94.8
179	21.4	17.1	25.7
108	20.8	15.1	22.7





#41

Hexachlorocyclopentadiene

Concen: 86.879 ng

RT: 8.99 min Scan# 1174

Delta R.T. -0.00 min

Lab File: BF119574.D

Acq: 27 Mar 2020 18:28

Instrument :

BNA_F

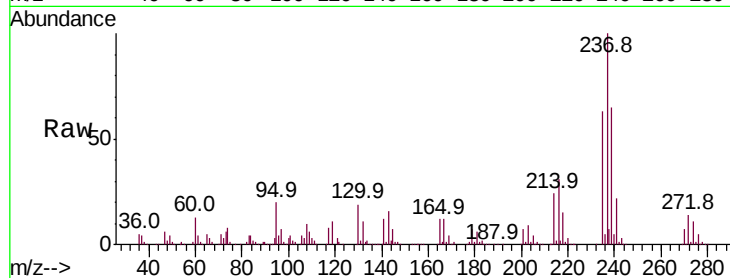
ClientSampleId :

PB127849BS

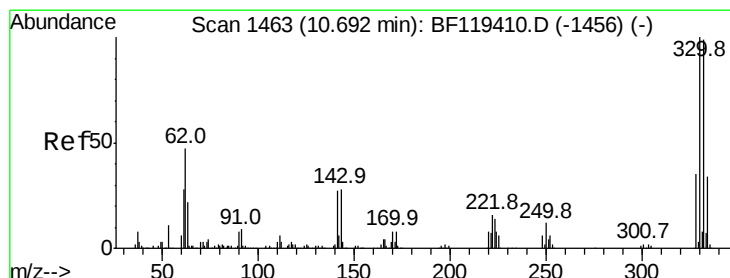
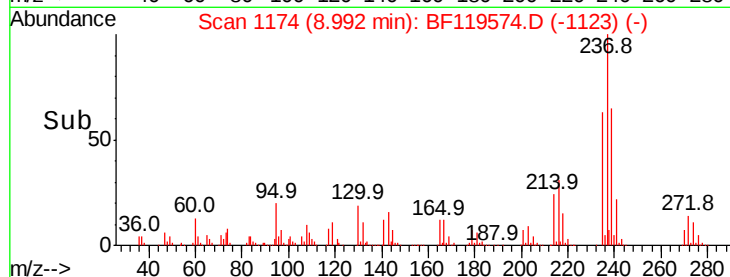
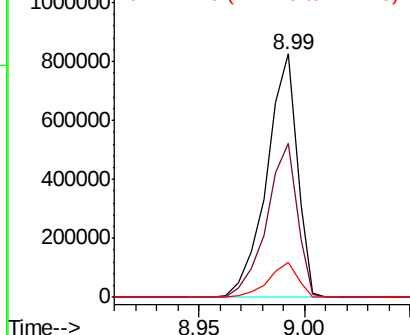
Tot Ion:	237	Resp:	830024
Ion Ratio	Lower	Upper	
237	100		
235	63.2	43.2	83.2
272	14.2	0.0	34.1

Manual Integrations
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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: 127.812 ng

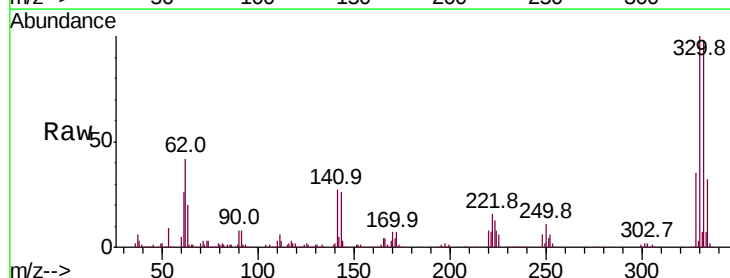
RT: 10.67 min Scan# 1460

Delta R.T. -0.00 min

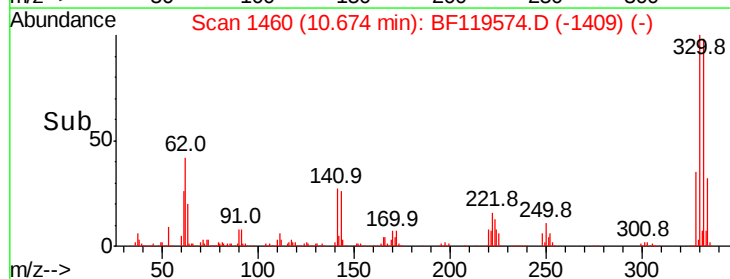
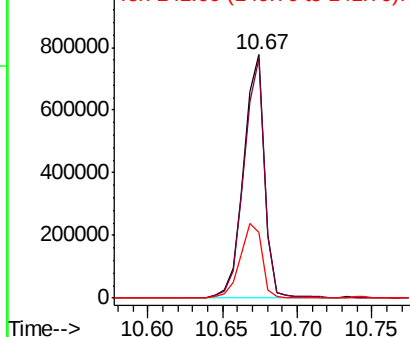
Lab File: BF119574.D

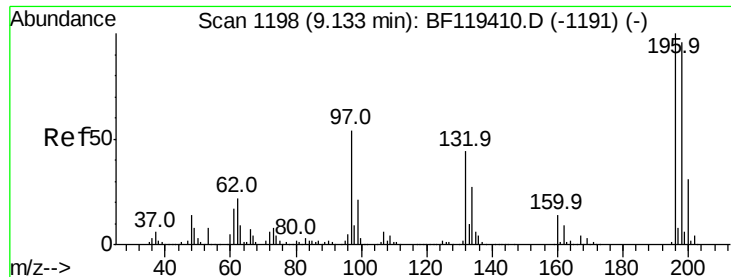
Acq: 27 Mar 2020 18:28

Tgt Ion:	330	Resp:	755993
Ion Ratio	Lower	Upper	
330	100		
332	97.9	75.7	113.5
141	32.4	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





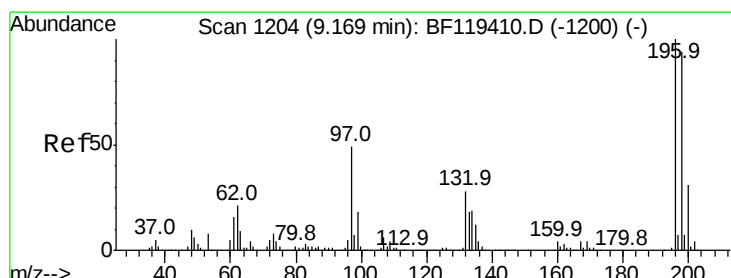
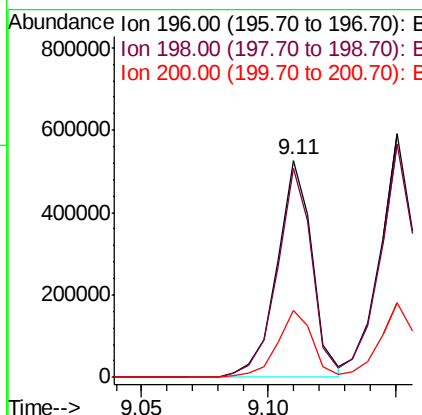
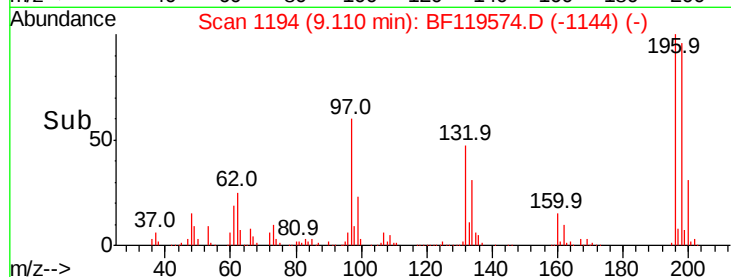
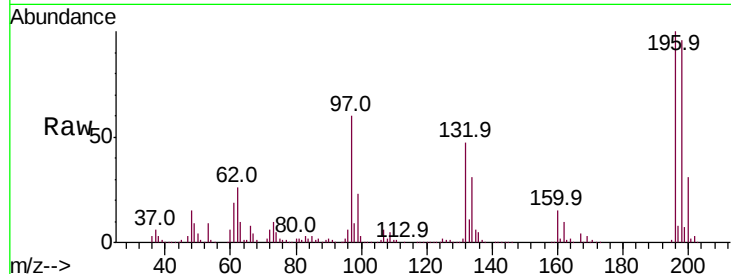
#43
 2,4,6-Trichlorophenol
 Concen: 42.436 ng
 RT: 9.11 min Scan# 1194
 Delta R.T. -0.01 min
 Lab File: BF119574.D
 Acq: 27 Mar 2020 18:28

Instrument :
 BNA_F
 ClientSampleId :
 PB127849BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	510326		
198	96.2	76.6	115.0	
200	30.8	24.6	36.8	

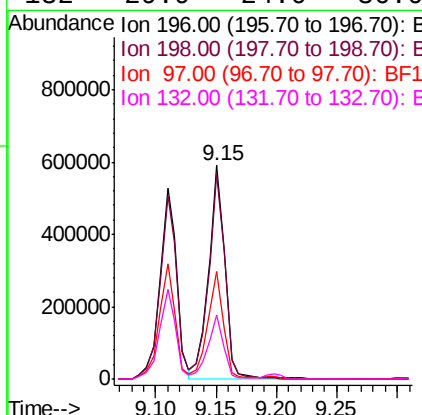
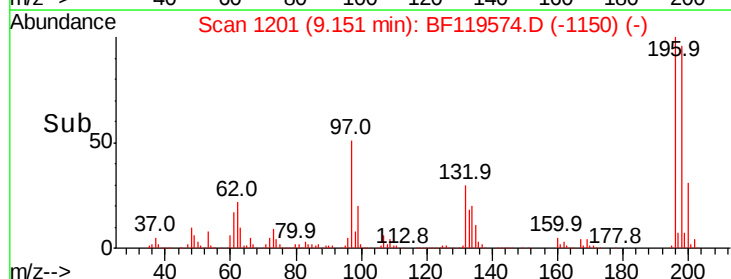
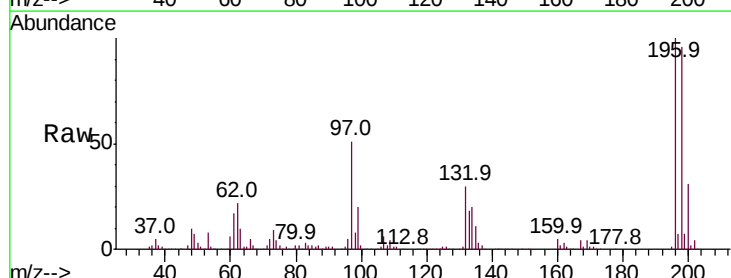
Manual Integrations
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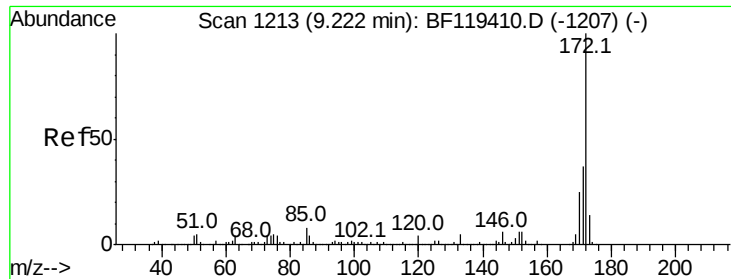
mohammad
 3/31/2020 8:15:17 AM



#44
 2,4,5-Trichlorophenol
 Concen: 40.753 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. -0.00 min
 Lab File: BF119574.D
 Acq: 27 Mar 2020 18:28

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	549013		
198	95.7	73.8	110.8	
97	50.6	42.6	63.8	
132	29.9	24.0	36.0	





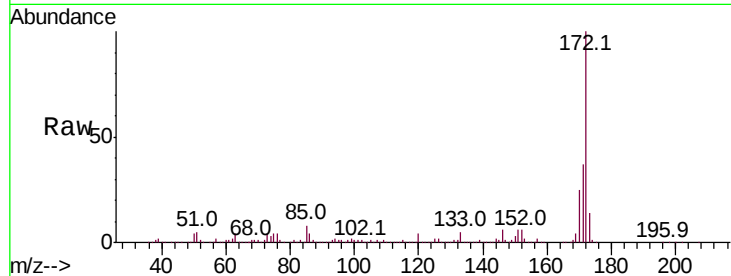
#45
2-Fluorobiphenyl
Concen: 78.426 ng
RT: 9.20 min Scan# 1209
Delta R.T. -0.01 min
Lab File: BF119574.D
Acq: 27 Mar 2020 18:28

Instrument :
BNA_F
ClientSampleId :
PB127849BS

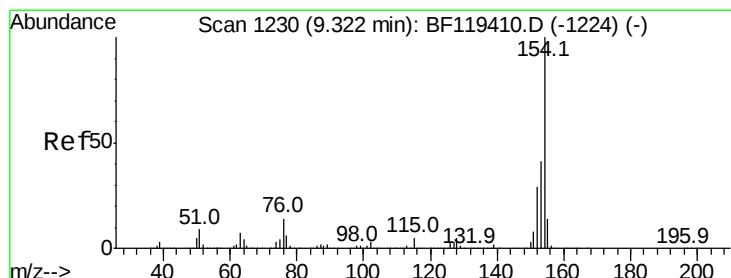
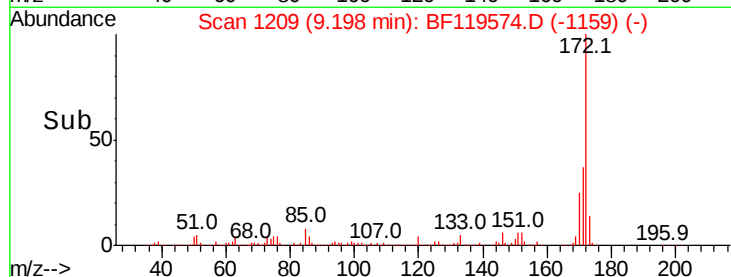
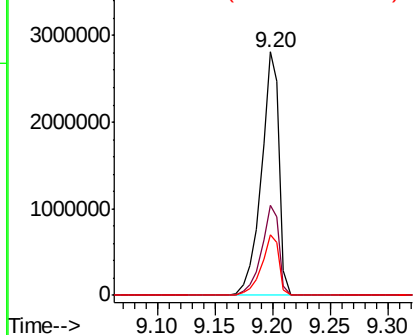
Tot Ion:172 Resp: 3035114
Ion Ratio Lower Upper
172 100
171 36.8 29.6 44.4
170 24.8 20.2 30.2

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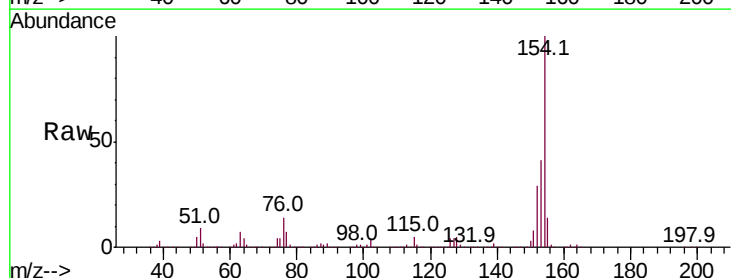


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

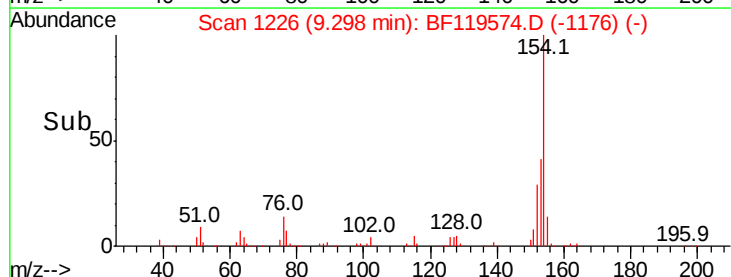
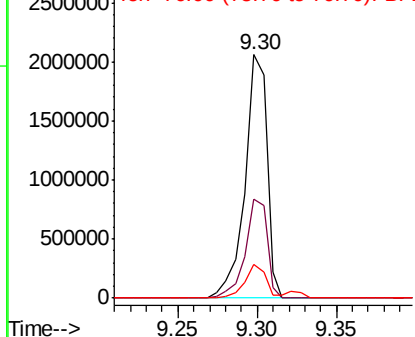


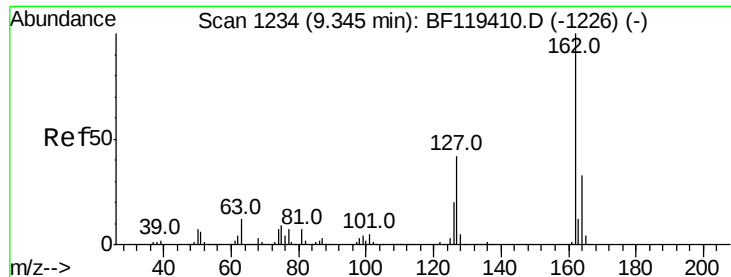
#46
1,1'-Biphenyl
Concen: 42.260 ng
RT: 9.30 min Scan# 1226
Delta R.T. -0.01 min
Lab File: BF119574.D
Acq: 27 Mar 2020 18:28

Tgt Ion:154 Resp: 1973336
Ion Ratio Lower Upper
154 100
153 40.6 21.4 61.4
76 13.8 0.0 33.0



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





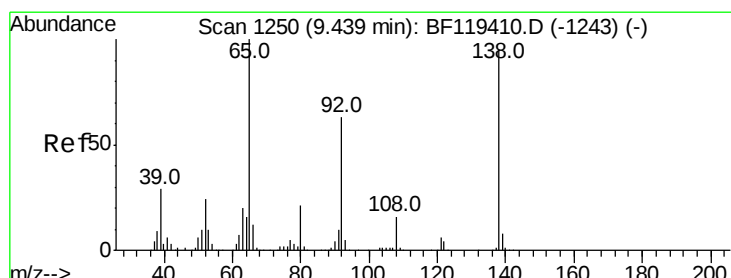
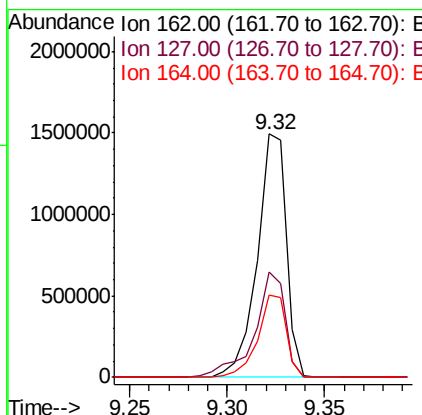
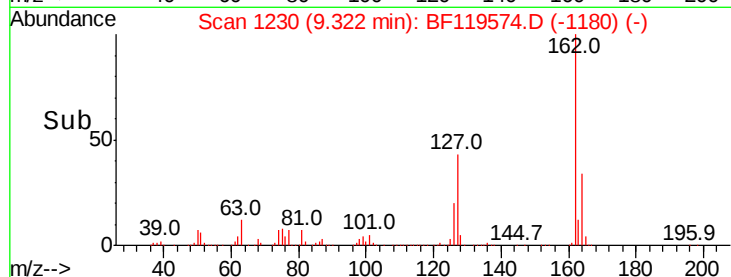
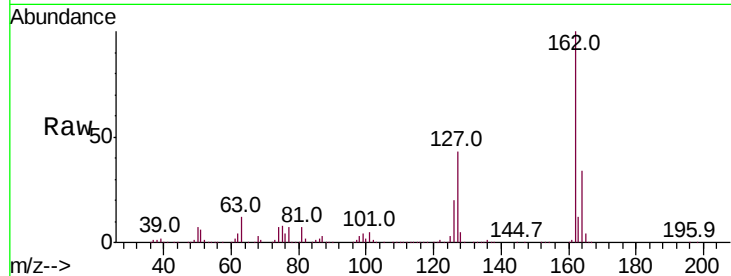
#47
 2-Chloronaphthalene
 Concen: 42.205 ng
 RT: 9.32 min Scan# 1230
 Delta R.T. -0.01 min
 Lab File: BF119574.D
 Acq: 27 Mar 2020 18:28

Instrument :
 BNA_F
 ClientSampleId :
 PB127849BS

Tot Ion:	162	Resp:	1543711
Ion	Ratio	Lower	Upper
162	100		
127	43.3	33.7	50.5
164	33.8	26.3	39.5

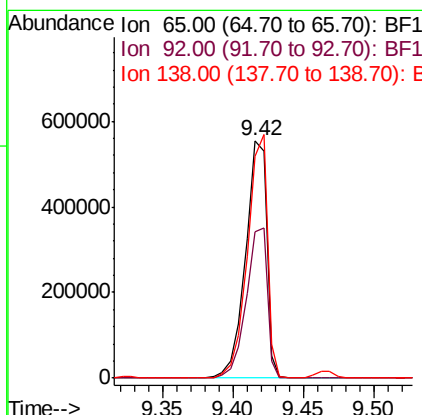
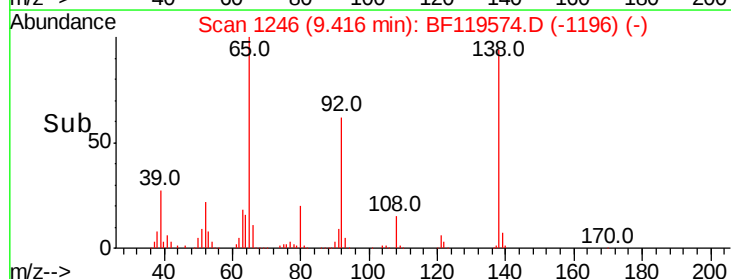
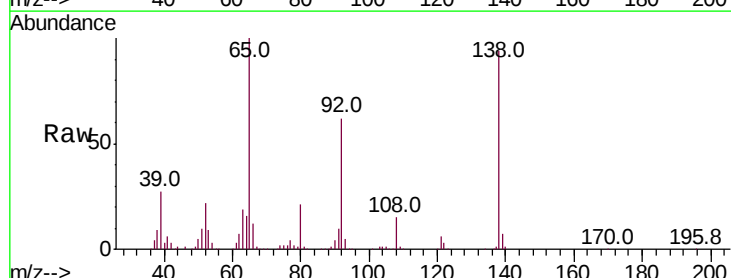
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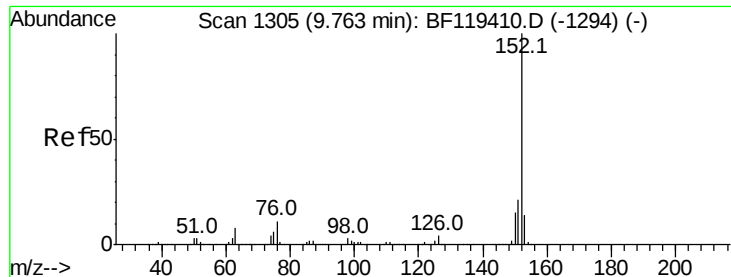
mohammad
 3/31/2020 8:15:17 AM



#48
 2-Nitroaniline
 Concen: 46.177 ng
 RT: 9.42 min Scan# 1246
 Delta R.T. -0.01 min
 Lab File: BF119574.D
 Acq: 27 Mar 2020 18:28

Tgt Ion:	65	Resp:	582983
Ion	Ratio	Lower	Upper
65	100		
92	61.8	50.0	75.0
138	93.7	75.0	112.4





#49

Acenaphthylene

Concen: 42.291 ng

RT: 9.75 min Scan# 1302

Delta R.T. -0.00 min

Lab File: BF119574.D

Acq: 27 Mar 2020 18:28

Instrument :

BNA_F

ClientSampleId :

PB127849BS

Tot Ion:152 Resp: 2429168

Ion Ratio Lower Upper

152 100

151 21.0 17.2 25.8

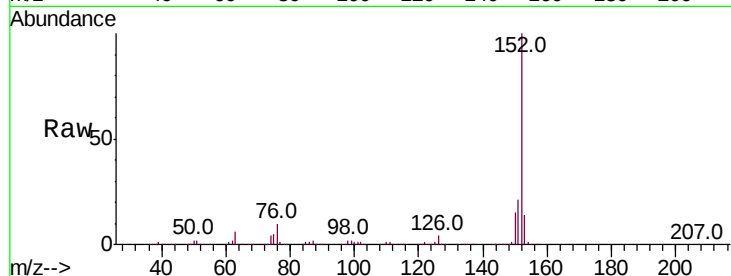
153 13.6 11.2 16.8

Manual Integrations

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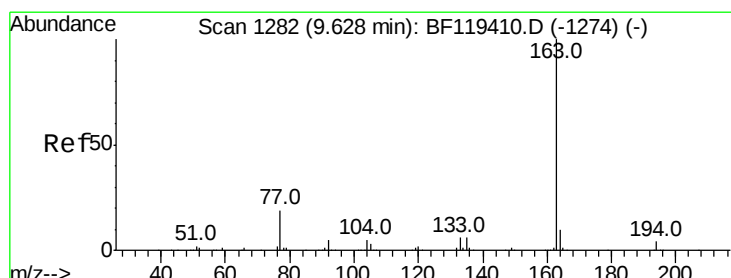
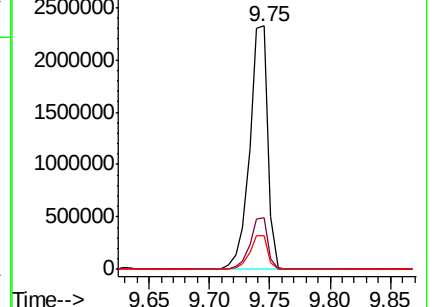
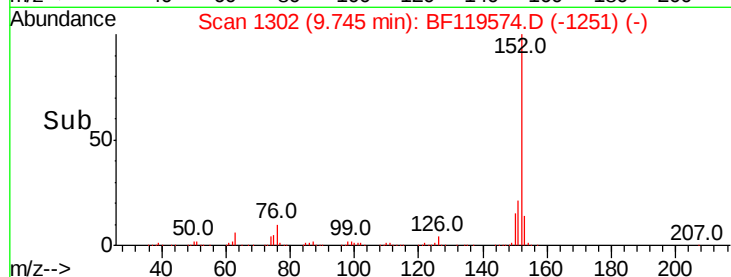
3/31/2020 8:15:17 AM



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: 43.147 ng

RT: 9.60 min Scan# 1278

Delta R.T. -0.01 min

Lab File: BF119574.D

Acq: 27 Mar 2020 18:28

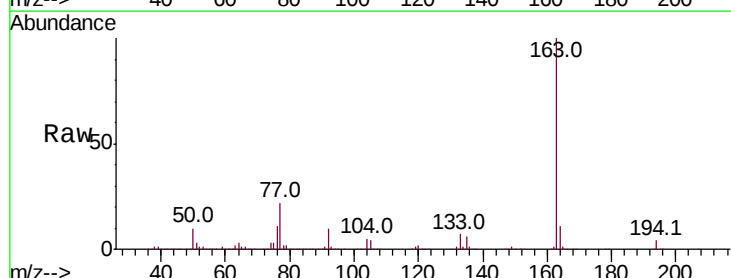
Tgt Ion:163 Resp: 1757104

Ion Ratio Lower Upper

163 100

194 4.1 3.1 4.7

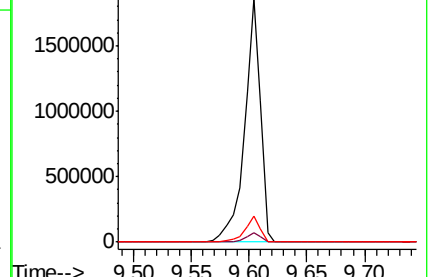
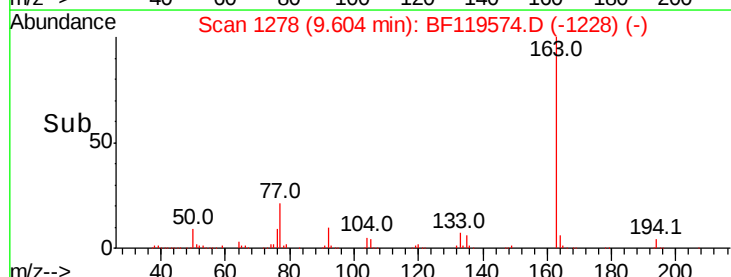
164 10.7 8.2 12.2

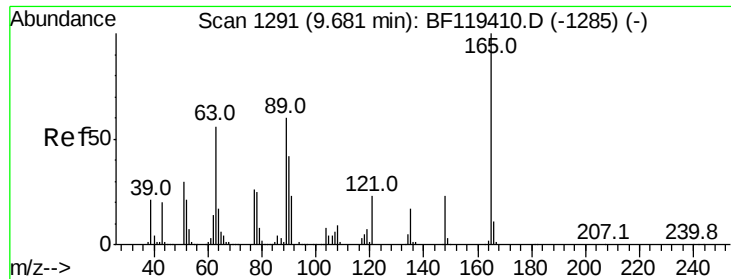


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





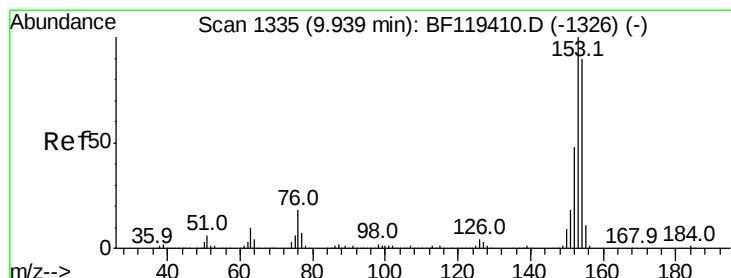
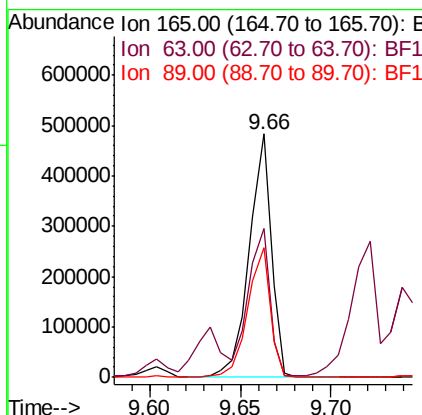
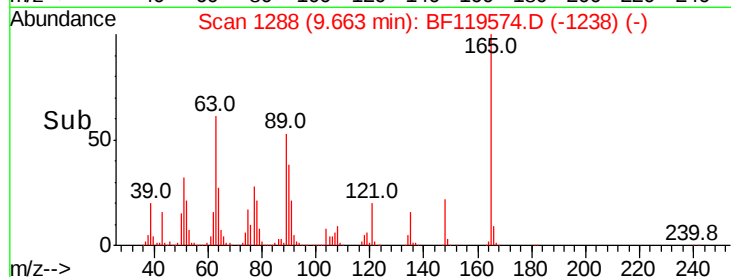
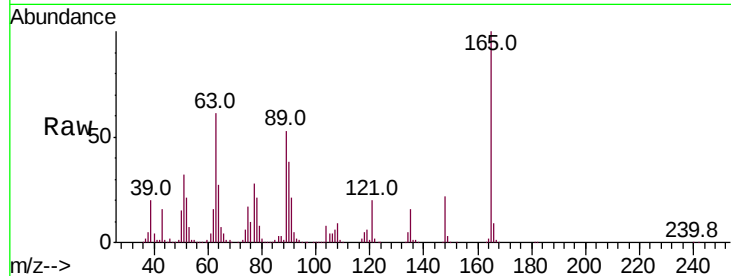
#51
2,6-Dinitrotoluene
Concen: 47.077 ng
RT: 9.66 min Scan# 1288
Delta R.T. -0.01 min
Lab File: BF119574.D
Acq: 27 Mar 2020 18:28

Instrument :
BNA_F
ClientSampleId :
PB127849BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100			
63	61.2	45.0	67.4	
89	53.4	41.5	62.3	

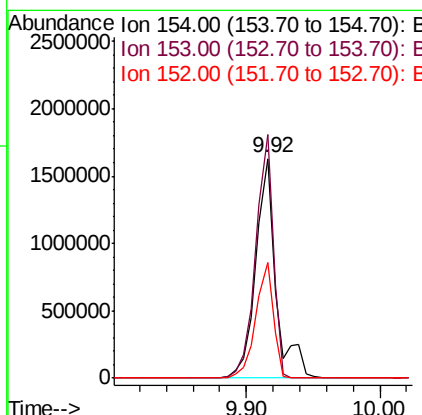
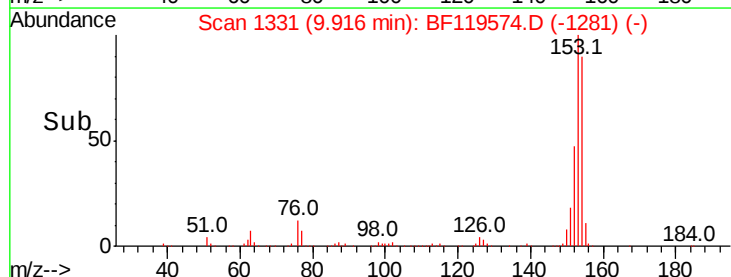
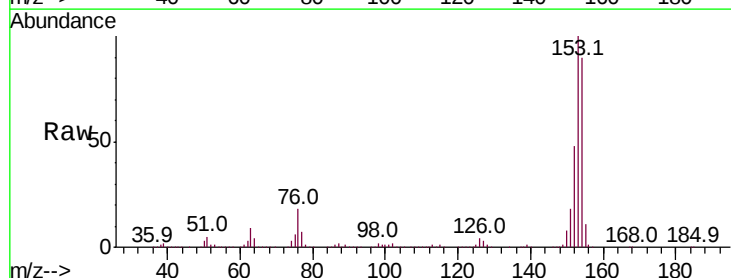
Manual Integrations
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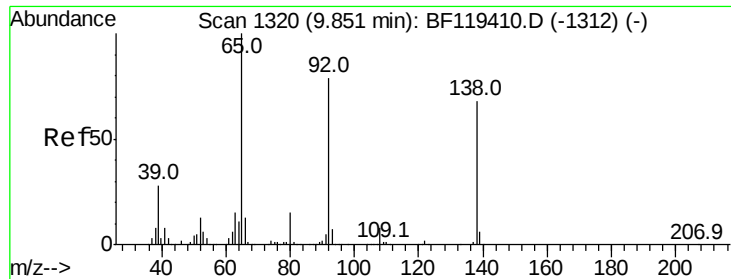
mohammad
3/31/2020 8:15:17 AM



#52
Acenaphthene
Concen: 47.062 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.01 min
Lab File: BF119574.D
Acq: 27 Mar 2020 18:28

Tgt Ion	Ratio	Resp	Lower	Upper
154	100			
153	110.8	88.1	132.1	
152	52.8	43.0	64.4	





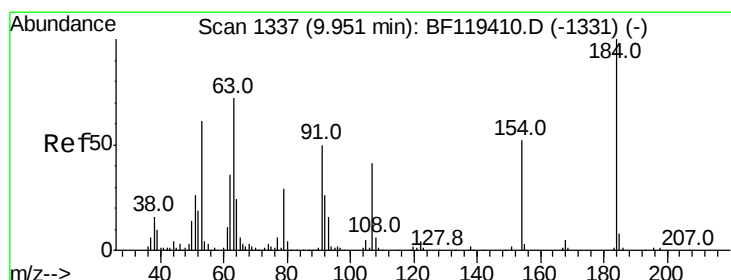
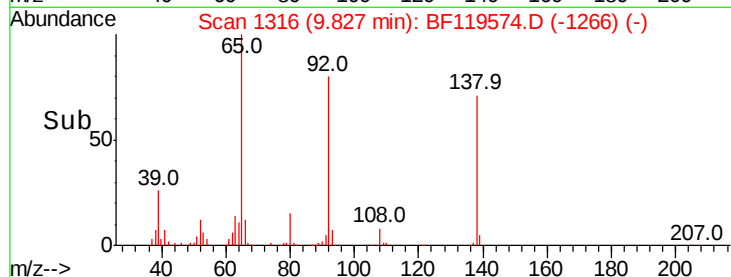
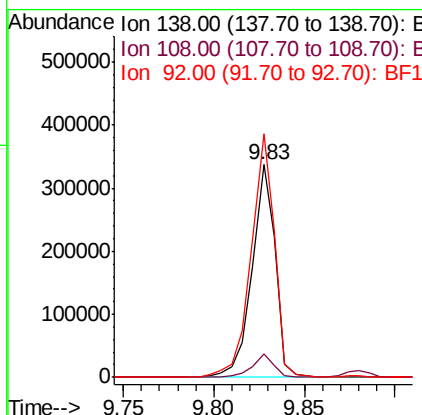
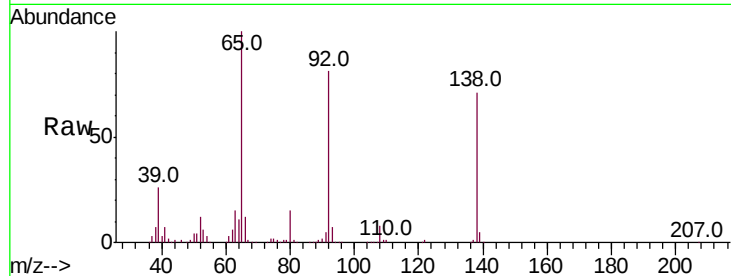
#53
3-Nitroaniline
Concen: 27.192 ng
RT: 9.83 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BF119574.D
Acq: 27 Mar 2020 18:28

Instrument :
BNA_F
ClientSampleId :
PB127849BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	11.0	8.6	13.0
92	114.6	95.4	143.0

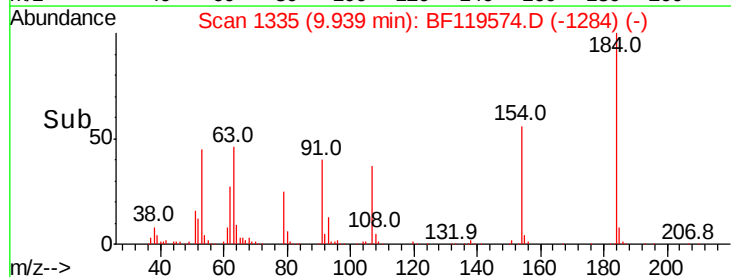
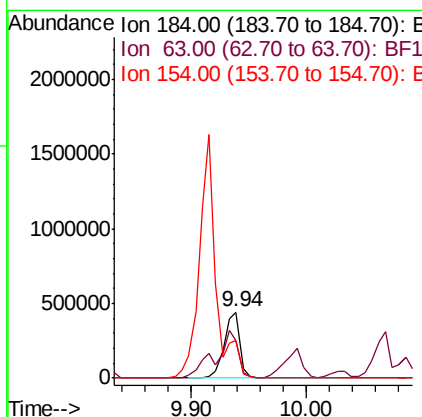
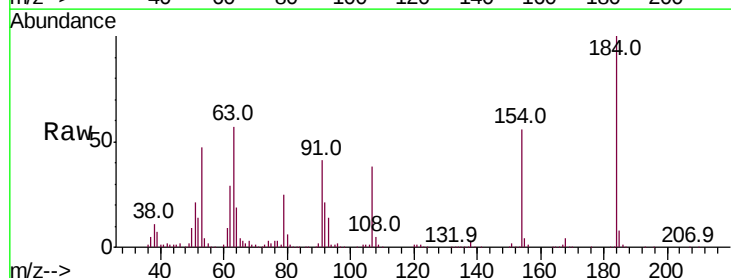
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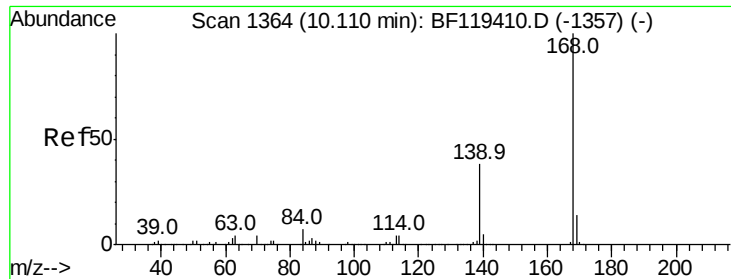
mohammad
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#54
2,4-Dinitrophenol
Concen: 107.738 ng
RT: 9.94 min Scan# 1335
Delta R.T. -0.00 min
Lab File: BF119574.D
Acq: 27 Mar 2020 18:28

Tgt Ion	Ratio	Lower	Upper
184	100		
63	56.8	50.2	75.4
154	56.1	44.5	66.7





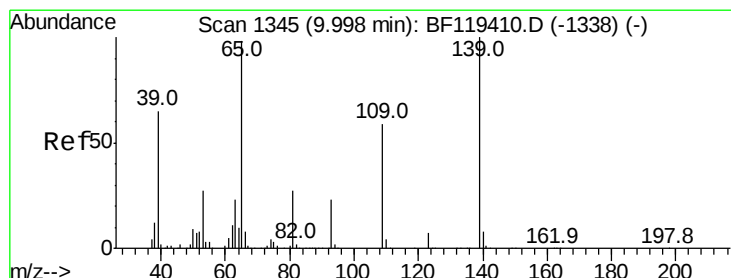
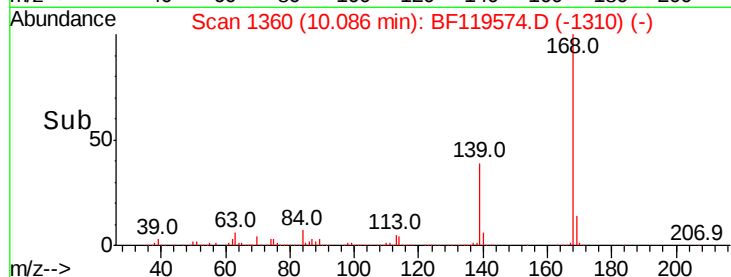
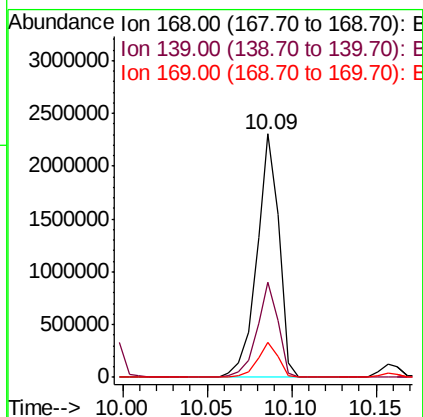
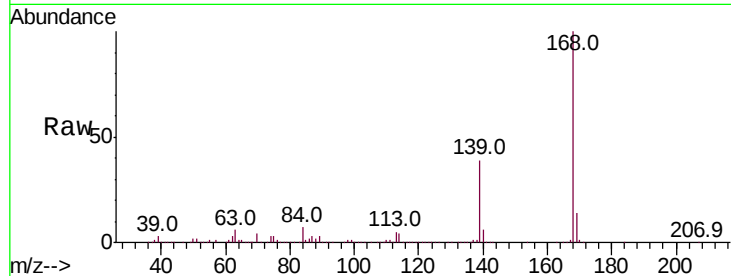
#55
Dibenzofuran
Concen: 40.784 ng
RT: 10.09 min Scan# 1360
Delta R.T. -0.01 min
Lab File: BF119574.D
Acq: 27 Mar 2020 18:28

Instrument :
BNA_F
ClientSampleId :
PB127849BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	38.8	30.1	45.1
169	14.2	11.0	16.6

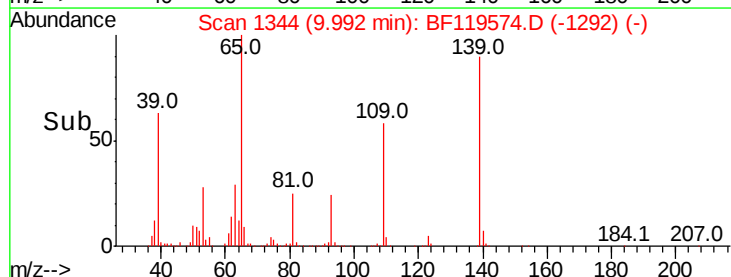
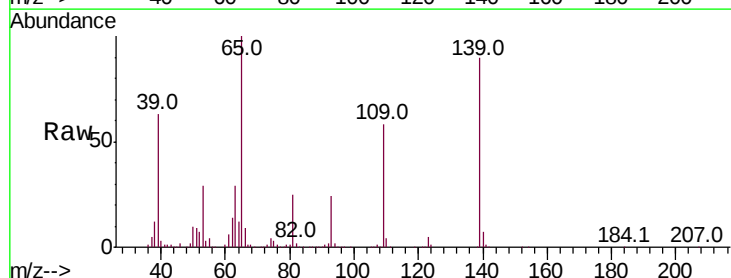
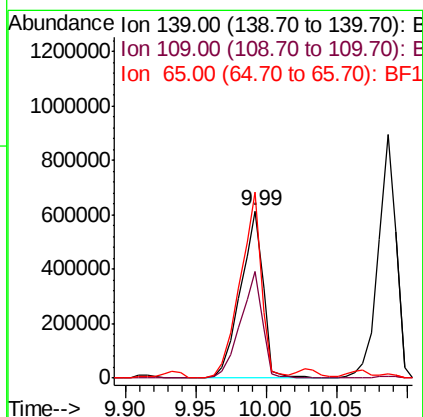
Manual Integrations
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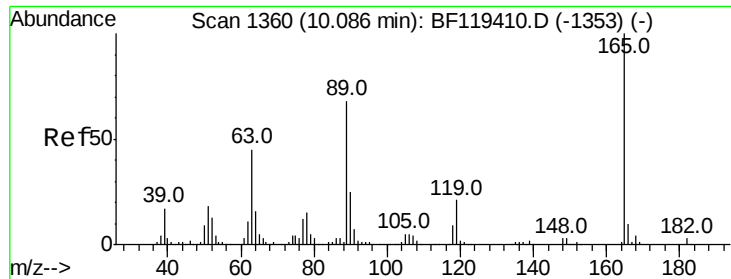
mohammad
3/31/2020 8:15:17 AM



#56
4-Nitrophenol
Concen: 78.525 ng
RT: 9.99 min Scan# 1344
Delta R.T. 0.01 min
Lab File: BF119574.D
Acq: 27 Mar 2020 18:28

Tgt Ion	Ratio	Lower	Upper
139	100		
109	64.2	43.3	83.3
65	111.1	91.0	131.0





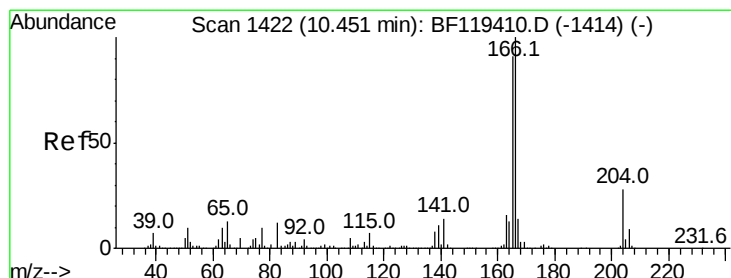
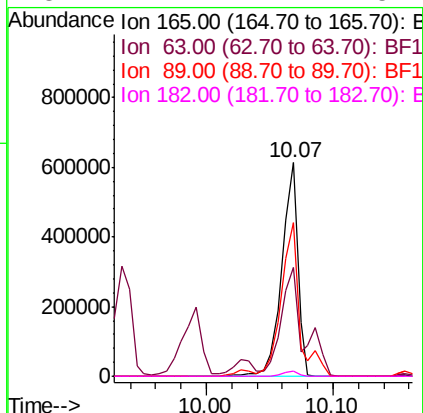
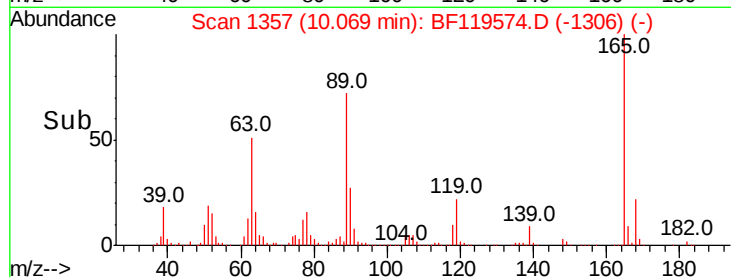
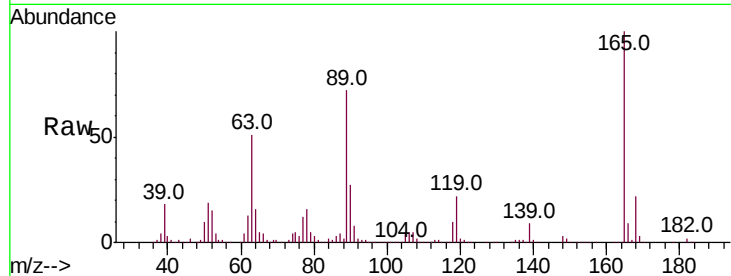
#57
2,4-Dinitrotoluene
Concen: 48.605 ng
RT: 10.07 min Scan# 1357
Delta R.T. -0.00 min
Lab File: BF119574.D
Acq: 27 Mar 2020 18:28

Instrument :
BNA_F
ClientSampleId :
PB127849BS

Tot Ion	Ratio	Lower	Upper
165	100		
63	51.2	42.6	64.0
89	72.2	61.0	91.4
182	2.4	2.2	3.2

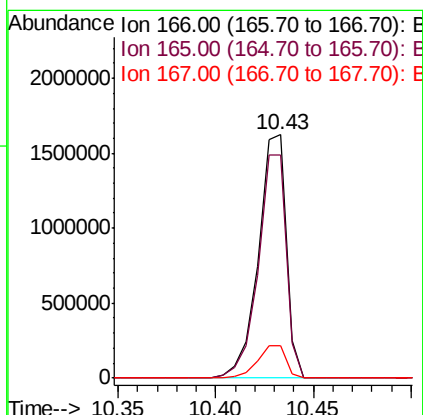
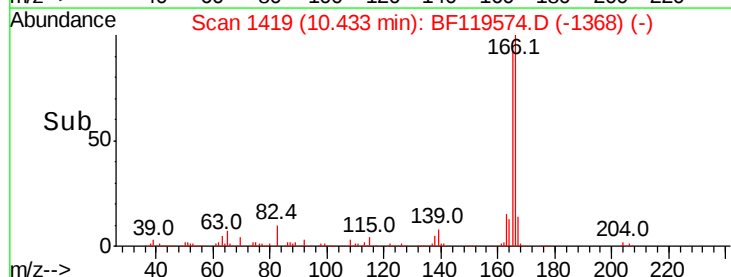
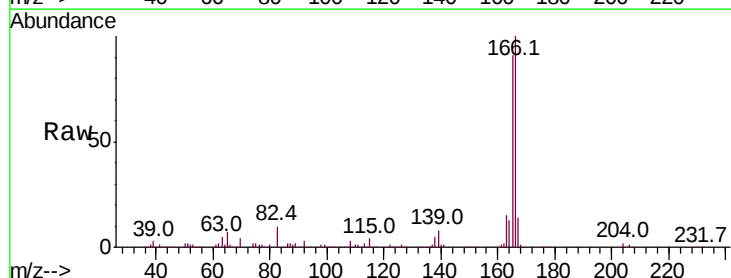
Manual Integrations
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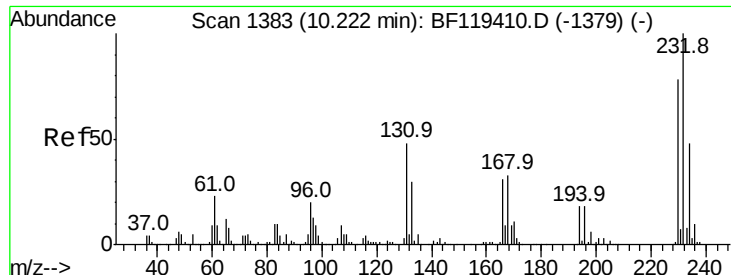
mohammad
3/31/2020 8:15:17 AM



#58
Fluorene
Concen: 42.331 ng
RT: 10.43 min Scan# 1419
Delta R.T. -0.00 min
Lab File: BF119574.D
Acq: 27 Mar 2020 18:28

Tgt Ion	Ratio	Lower	Upper
166	100		
165	91.5	75.4	113.2
167	13.6	11.2	16.8





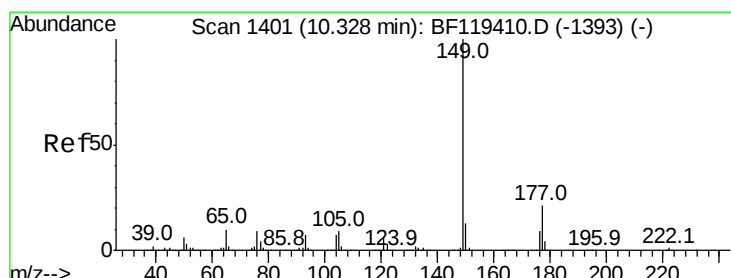
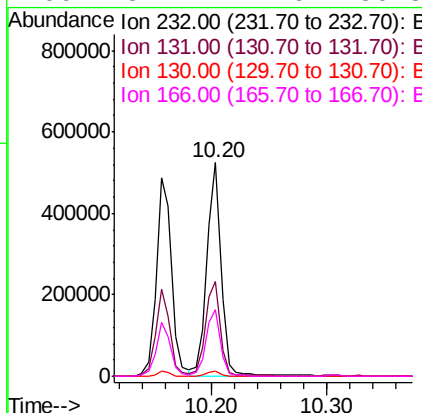
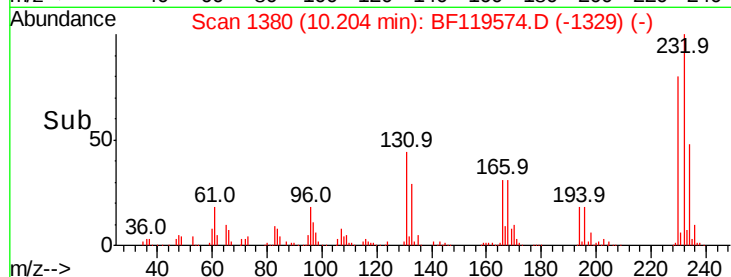
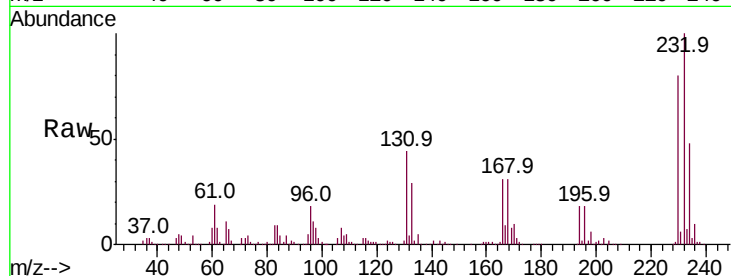
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 45.251 ng
 RT: 10.20 min Scan# 1380
 Delta R.T. -0.00 min
 Lab File: BF119574.D
 Acq: 27 Mar 2020 18:28

Instrument :
 BNA_F
 ClientSampleId :
 PB127849BS

Tot Ion	Ratio	Lower	Upper
232	100		
131	46.0	37.5	56.3
130	2.3	1.8	2.6
166	31.2	24.6	36.8

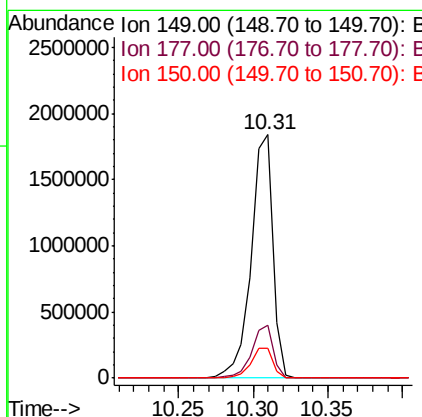
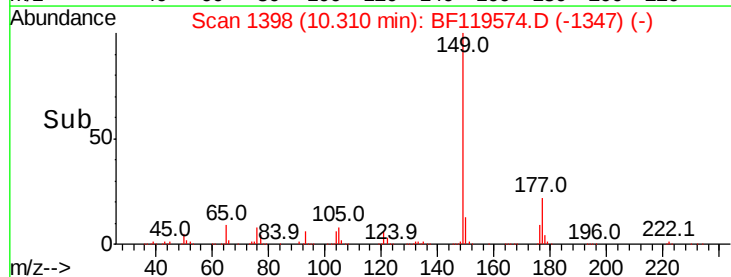
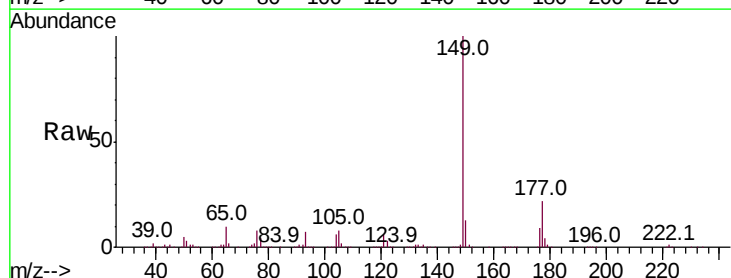
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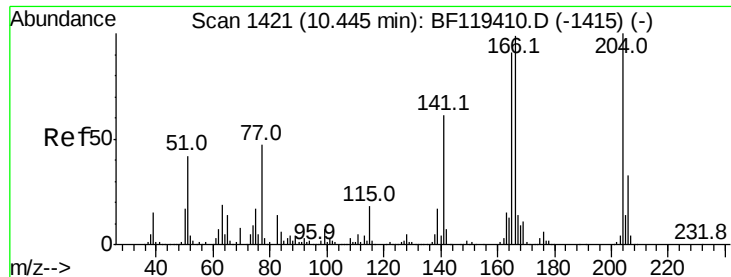
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#60
 Diethylphthalate
 Concen: 44.433 ng
 RT: 10.31 min Scan# 1398
 Delta R.T. -0.00 min
 Lab File: BF119574.D
 Acq: 27 Mar 2020 18:28

Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.8	17.0	25.6
150	12.5	10.1	15.1





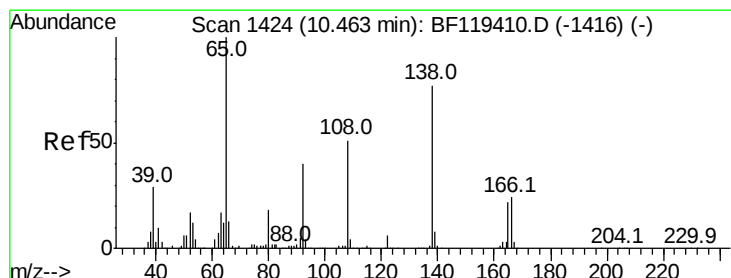
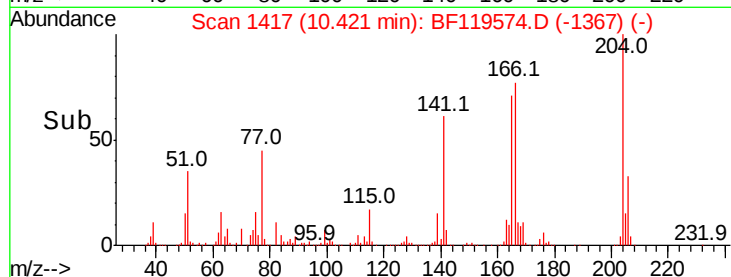
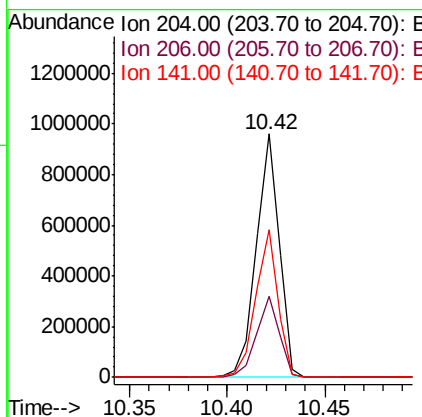
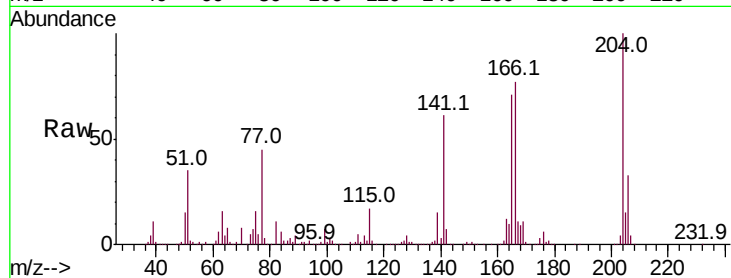
#61
4-Chlorophenyl-phenylether
Concen: 42.184 ng
RT: 10.42 min Scan# 1417
Delta R.T. -0.01 min
Lab File: BF119574.D
Acq: 27 Mar 2020 18:28

Instrument :
BNA_F
ClientSampleId :
PB127849BS

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.3	26.7	40.1
141	60.6	47.3	70.9

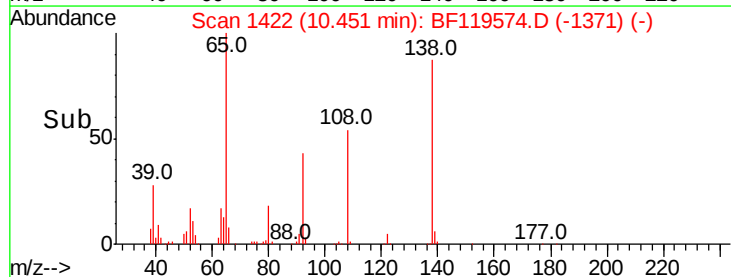
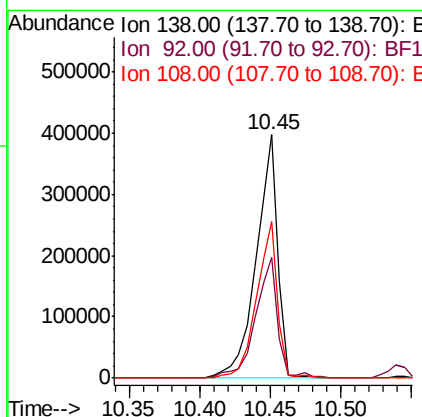
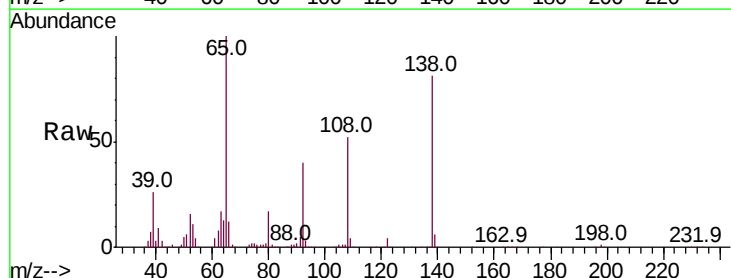
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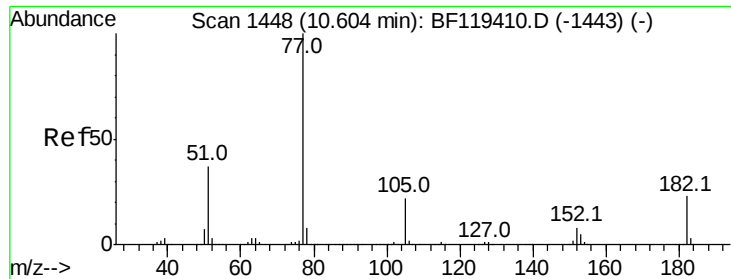
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#62
4-Nitroaniline
Concen: 40.415 ng
RT: 10.45 min Scan# 1422
Delta R.T. -0.00 min
Lab File: BF119574.D
Acq: 27 Mar 2020 18:28

Tgt Ion	Ratio	Lower	Upper
138	100		
92	49.5	31.5	71.5
108	64.1	45.8	85.8





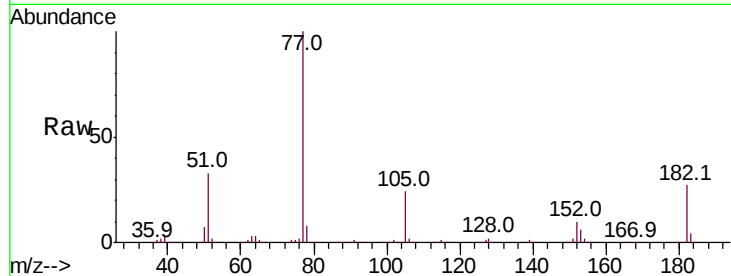
#63
Azobenzene
Concen: 43.446 ng
RT: 10.59 min Scan# 1445
Delta R.T. -0.00 min
Lab File: BF119574.D
Acq: 27 Mar 2020 18:28

Instrument :
BNA_F
ClientSampleId :
PB127849BS

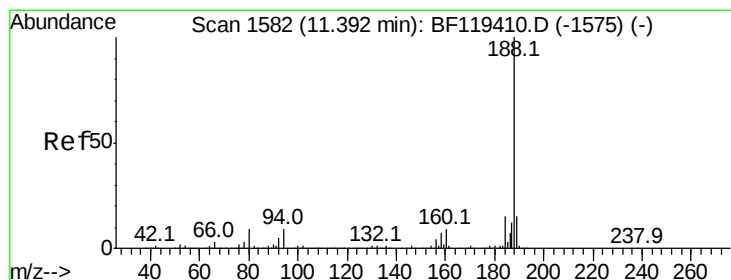
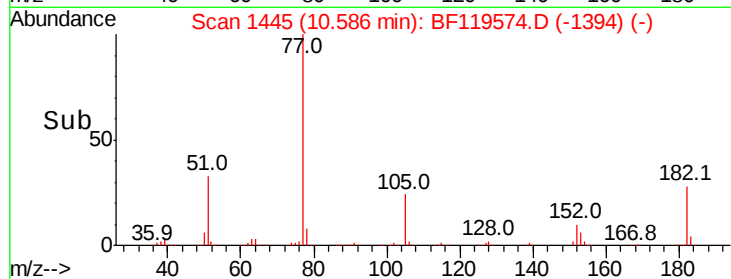
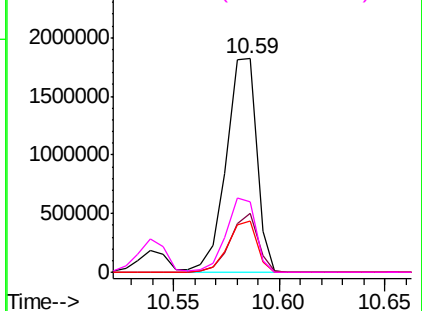
Tot Ion: 77 Resp: 1808340
Ion Ratio Lower Upper
77 100
182 27.5 4.4 44.4
105 24.0 2.6 42.6
51 32.7 15.1 55.1

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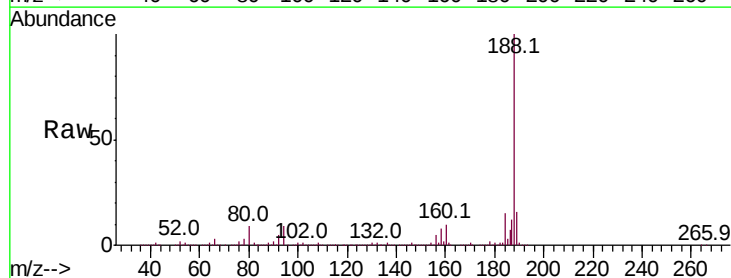


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

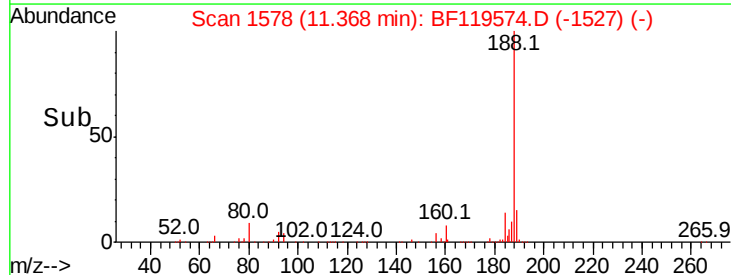
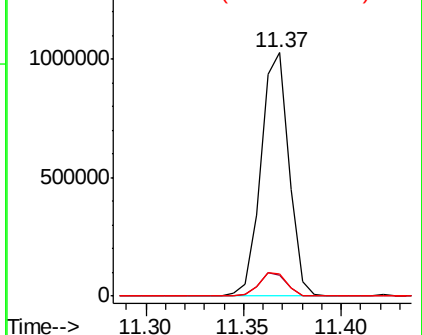


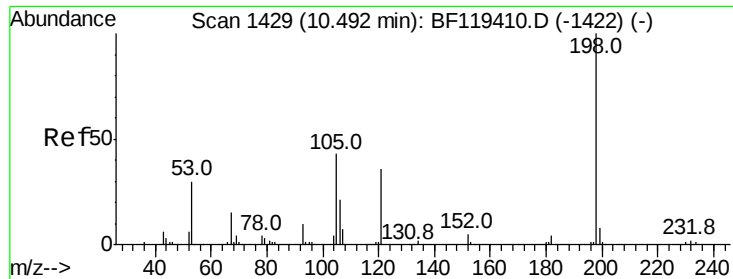
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1578
Delta R.T. -0.00 min
Lab File: BF119574.D
Acq: 27 Mar 2020 18:28

Tgt Ion: 188 Resp: 1018856
Ion Ratio Lower Upper
188 100
94 8.6 7.5 11.3
80 9.3 9.0 13.4



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





#65

4,6-Dinitro-2-methylphenol

Concen: 63.283 ng

RT: 10.47 min Scan# 1426

Delta R.T. -0.01 min

Lab File: BF119574.D

Acq: 27 Mar 2020 18:28

Instrument :

BNA_F

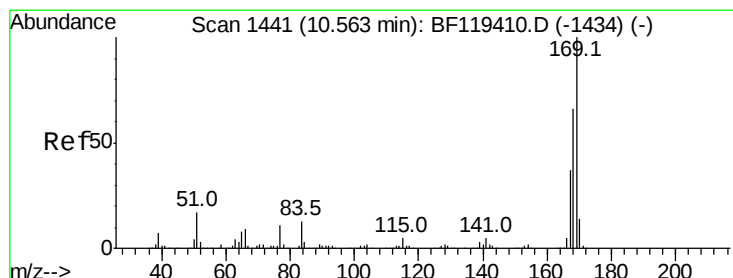
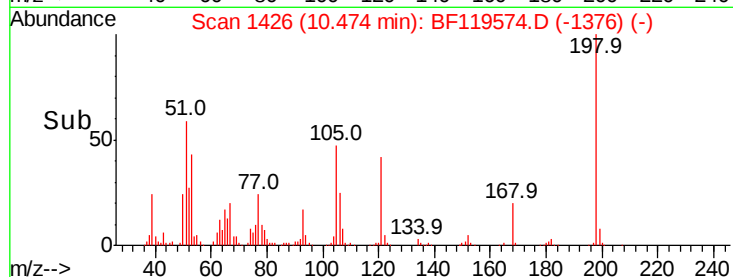
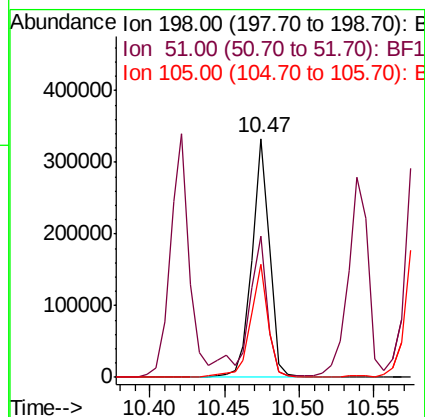
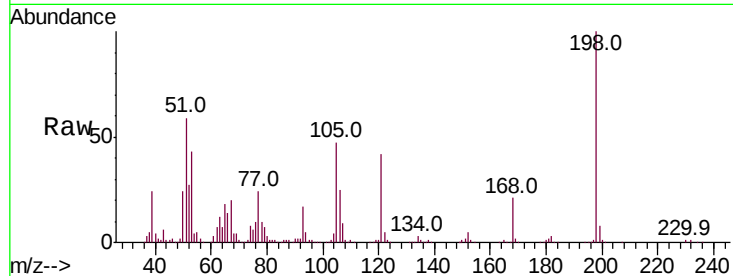
ClientSampleId :

PB127849BS

Tot Ion:	198	Resp:	270365
Ion Ratio	Lower	Upper	
198	100		
51	58.9	29.0	69.0
105	47.4	22.2	62.2

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#66

n-Nitrosodiphenylamine

Concen: 46.684 ng

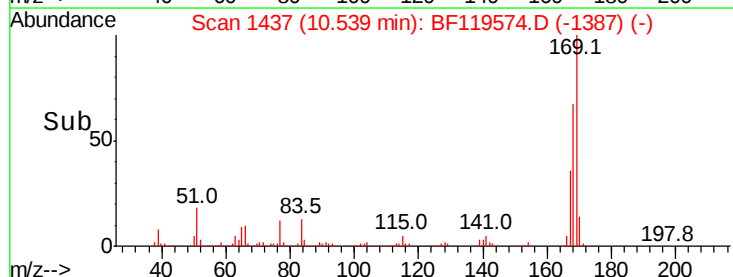
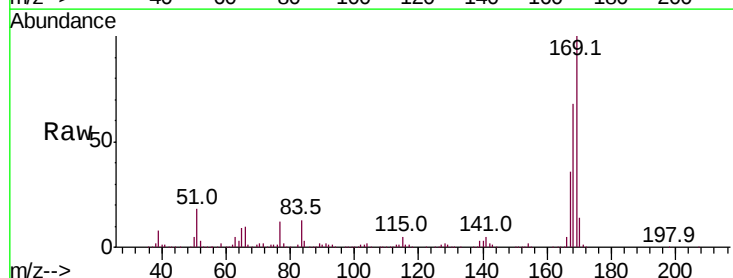
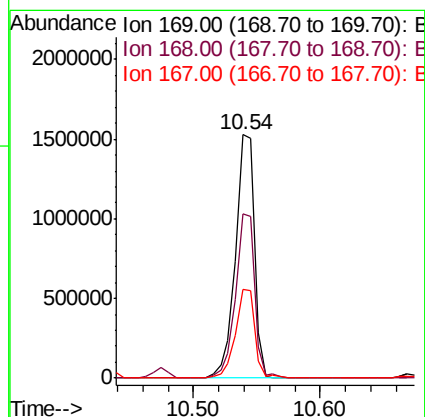
RT: 10.54 min Scan# 1437

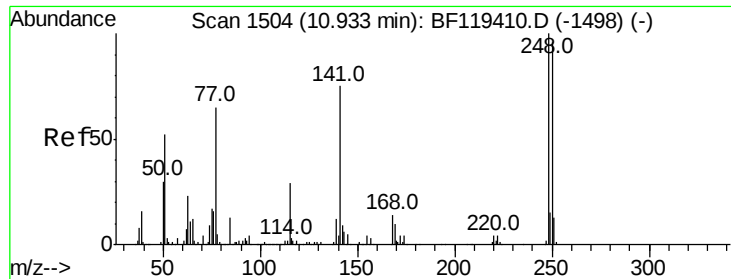
Delta R.T. -0.01 min

Lab File: BF119574.D

Acq: 27 Mar 2020 18:28

Tgt Ion:	169	Resp:	1561450
Ion Ratio	Lower	Upper	
169	100		
168	67.5	53.2	79.8
167	36.4	29.1	43.7





#67

4-Bromophenyl-phenylether

Concen: 46.726 ng

RT: 10.92 min Scan# 1501

Delta R.T. -0.00 min

Lab File: BF119574.D

Acq: 27 Mar 2020 18:28

Instrument :

BNA_F

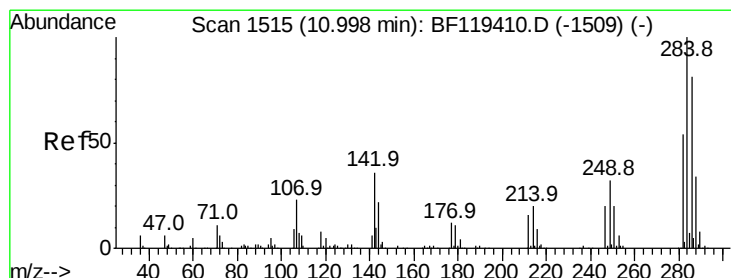
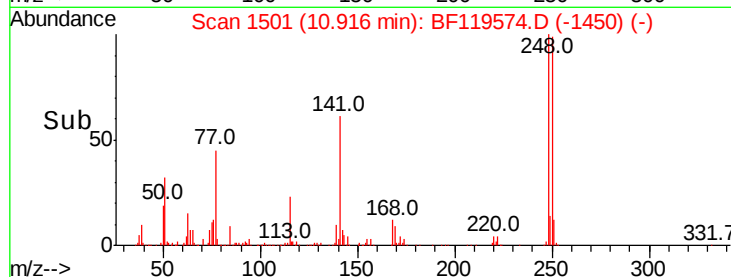
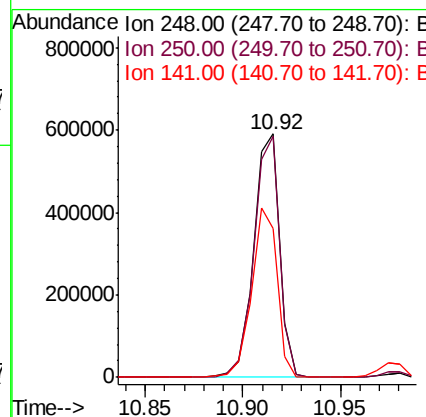
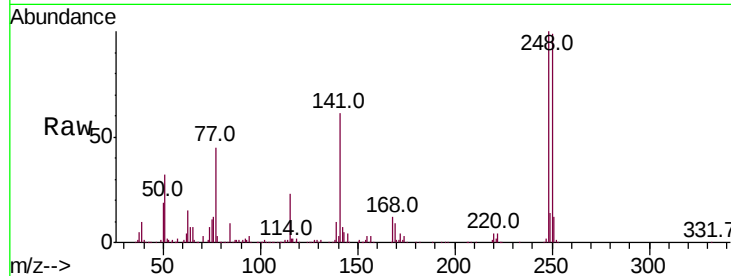
ClientSampleId :

PB127849BS

Tot Ion:	248	Resp:	542181
Ion Ratio	Lower	Upper	
248	100		
250	99.2	77.3	115.9
141	61.2	58.6	87.8

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#68

Hexachlorobenzene

Concen: 50.128 ng

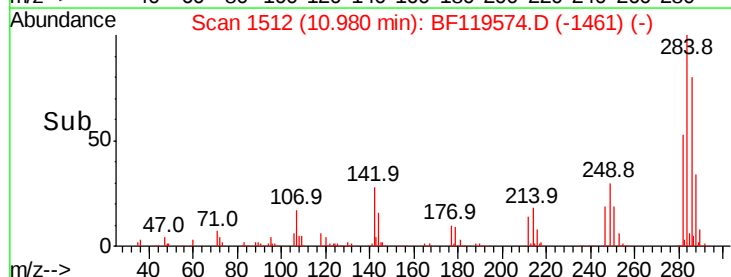
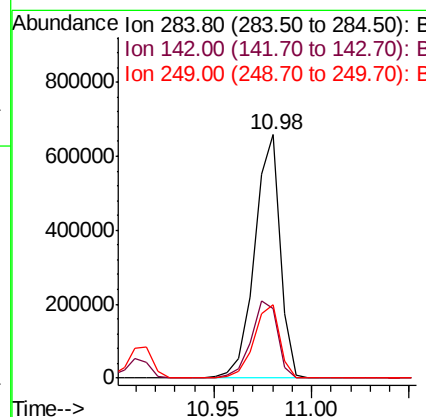
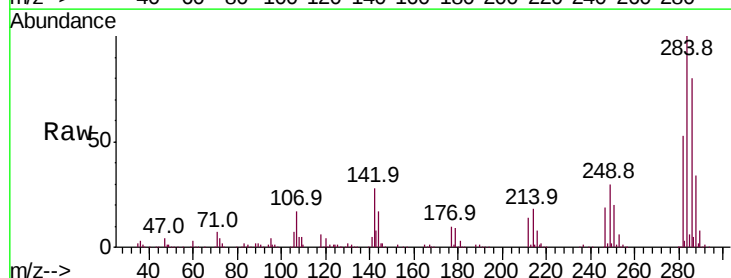
RT: 10.98 min Scan# 1512

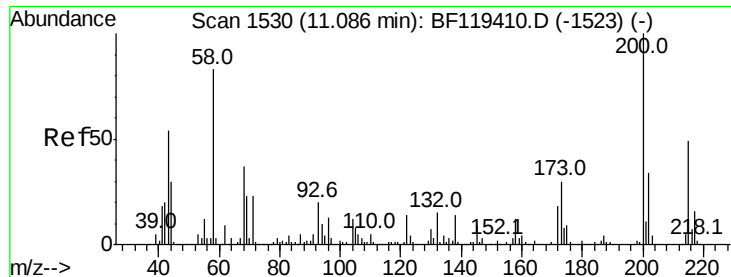
Delta R.T. -0.00 min

Lab File: BF119574.D

Acq: 27 Mar 2020 18:28

Tgt Ion:	284	Resp:	595314
Ion Ratio	Lower	Upper	
284	100		
142	28.5	29.2	43.8#
249	30.1	25.1	37.7





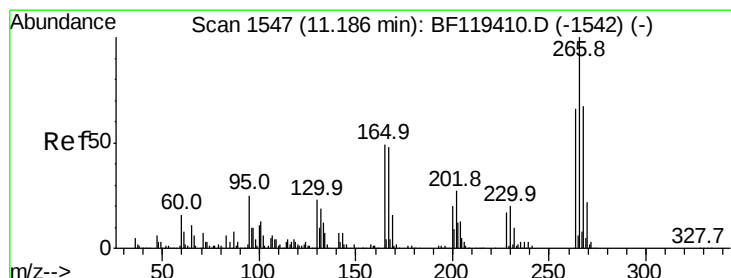
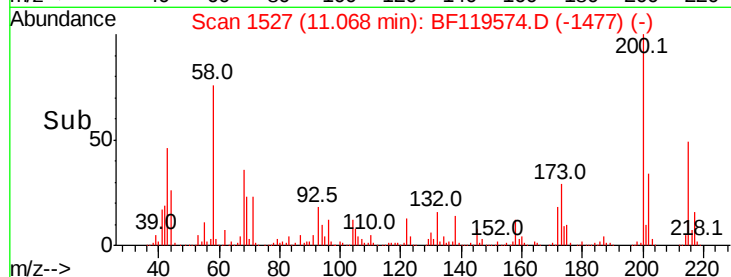
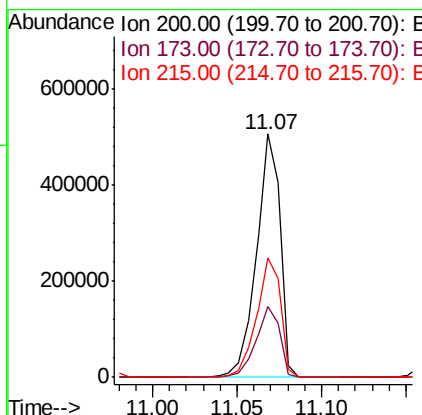
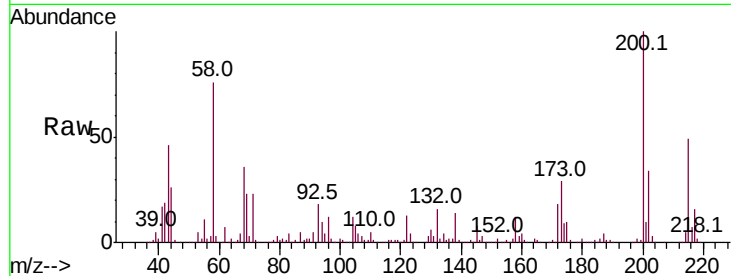
#69
Atrazine
Concen: 53.842 ng
RT: 11.07 min Scan# 1527
Delta R.T. -0.01 min
Lab File: BF119574.D
Acq: 27 Mar 2020 18:28

Instrument :
BNA_F
ClientSampleId :
PB127849BS

Tot Ion	Ratio	Resp	Lower	Upper
200	100	493711		
173	29.3	9.3	49.3	
215	48.9	29.5	69.5	

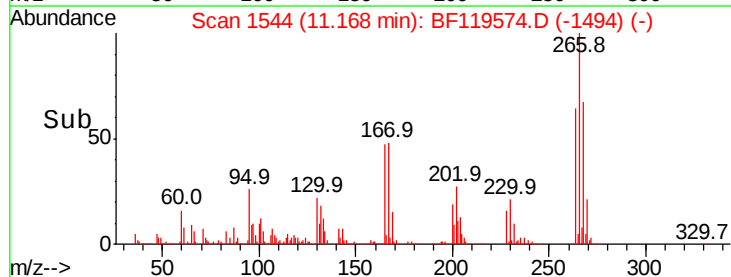
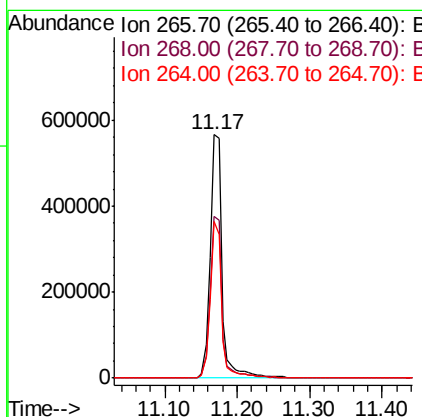
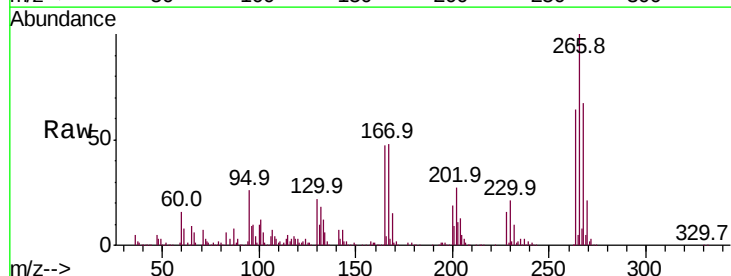
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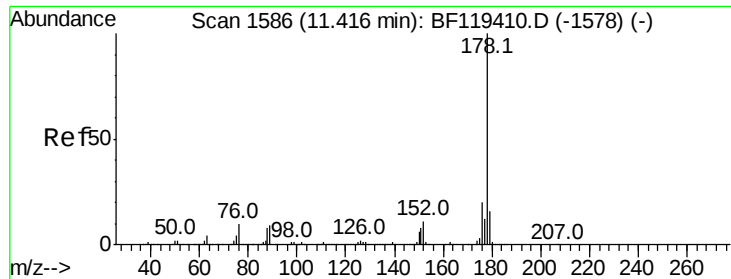
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#70
Pentachlorophenol
Concen: 92.047 ng
RT: 11.17 min Scan# 1544
Delta R.T. -0.01 min
Lab File: BF119574.D
Acq: 27 Mar 2020 18:28

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	640968		
268	66.6	53.3	79.9	
264	64.1	49.0	73.4	





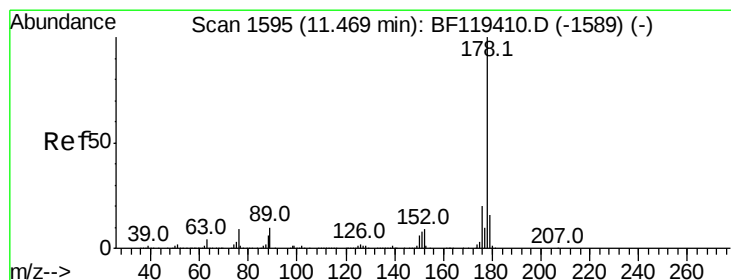
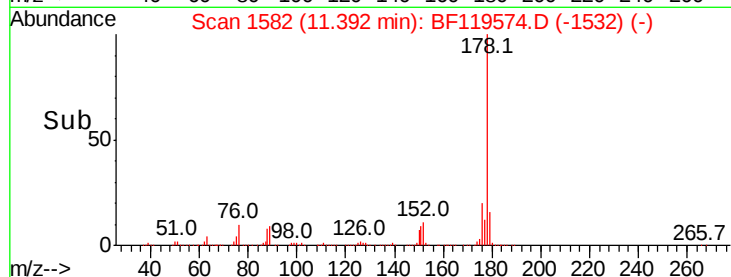
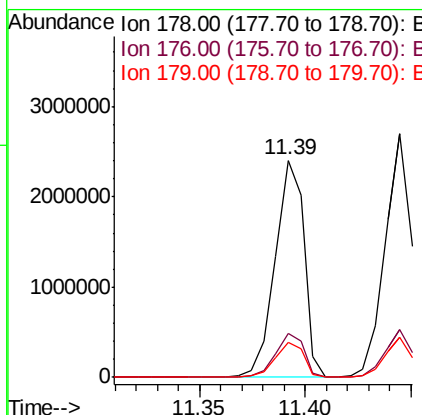
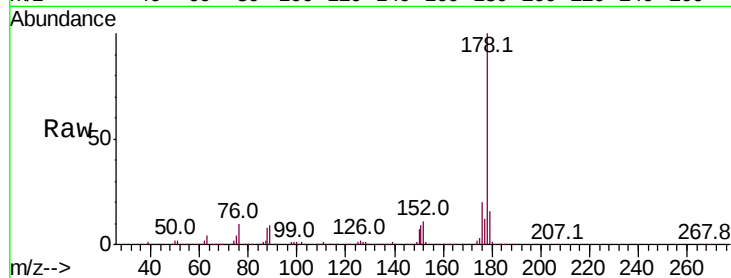
#71
Phenanthrene
Concen: 43.586 ng
RT: 11.39 min Scan# 1582
Delta R.T. -0.01 min
Lab File: BF119574.D
Acq: 27 Mar 2020 18:28

Instrument :
BNA_F
ClientSampleId :
PB127849BS

Tot Ion:178 Resp: 2302653
Ion Ratio Lower Upper
178 100
176 20.4 16.2 24.4
179 16.3 13.2 19.8

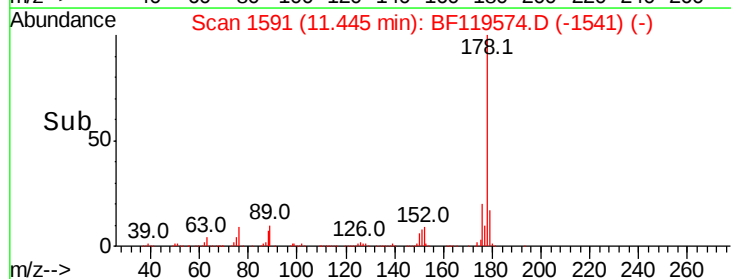
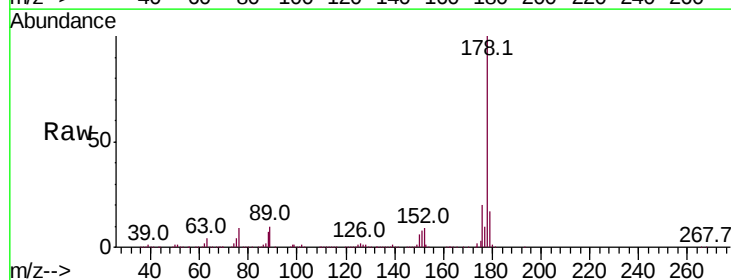
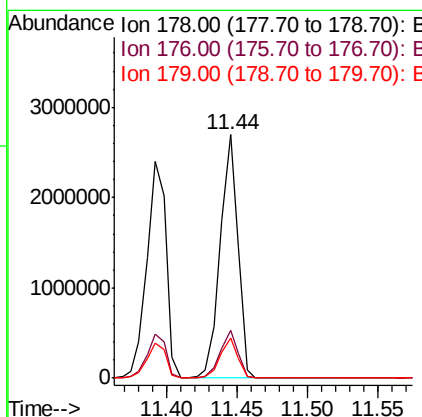
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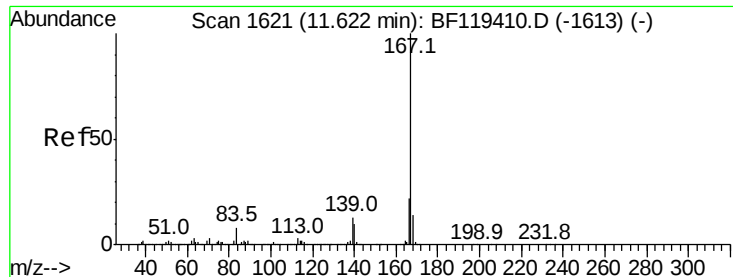
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#72
Anthracene
Concen: 43.974 ng
RT: 11.44 min Scan# 1591
Delta R.T. -0.01 min
Lab File: BF119574.D
Acq: 27 Mar 2020 18:28

Tgt Ion:178 Resp: 2361150
Ion Ratio Lower Upper
178 100
176 19.7 16.1 24.1
179 16.7 13.0 19.4





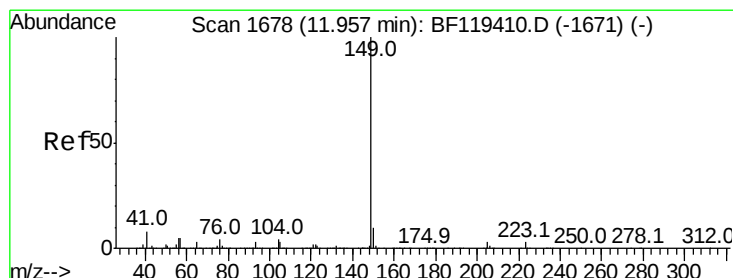
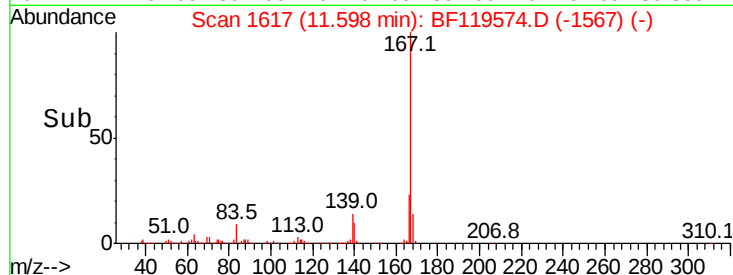
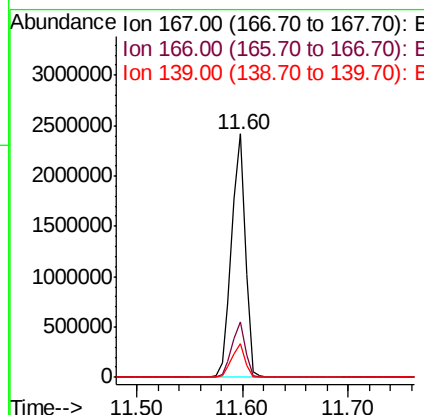
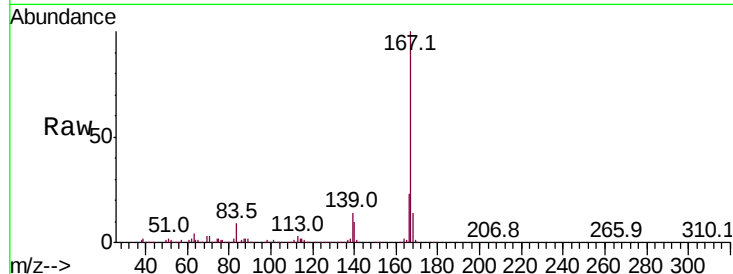
#73
 Carbazole
 Concen: 41.370 ng
 RT: 11.60 min Scan# 1617
 Delta R.T. -0.01 min
 Lab File: BF119574.D
 Acq: 27 Mar 2020 18:28

Instrument :
 BNA_F
 ClientSampleId :
 PB127849BS

Tot Ion:167 Resp: 2198680
 Ion Ratio Lower Upper
 167 100
 166 22.8 18.2 27.4
 139 13.6 10.7 16.1

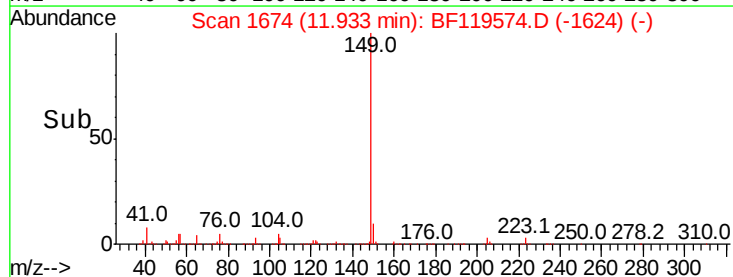
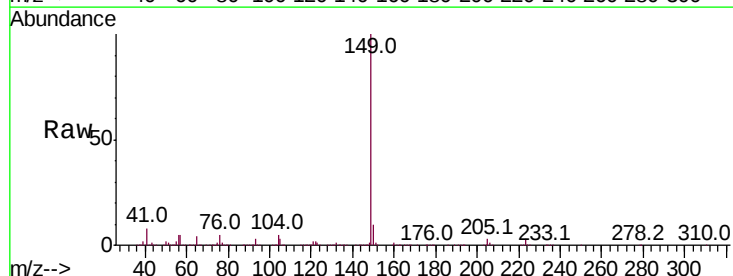
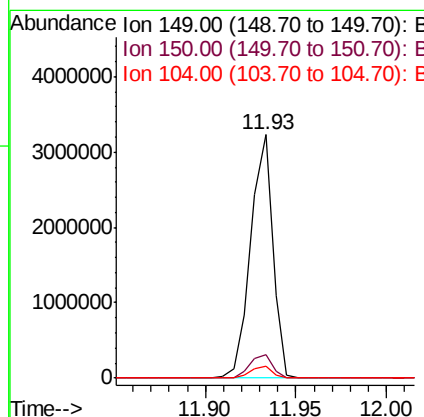
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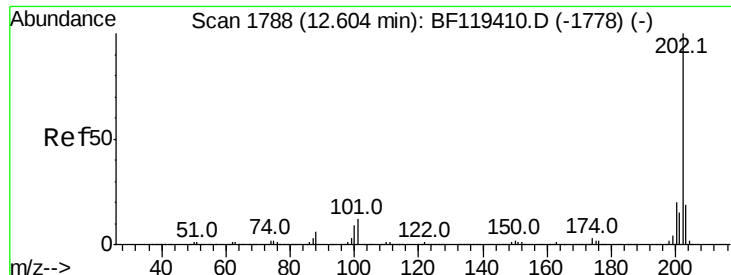
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#74
 Di-n-butylphthalate
 Concen: 48.445 ng
 RT: 11.93 min Scan# 1674
 Delta R.T. -0.01 min
 Lab File: BF119574.D
 Acq: 27 Mar 2020 18:28

Tgt Ion:149 Resp: 2754203
 Ion Ratio Lower Upper
 149 100
 150 9.9 7.8 11.8
 104 4.8 3.6 5.4





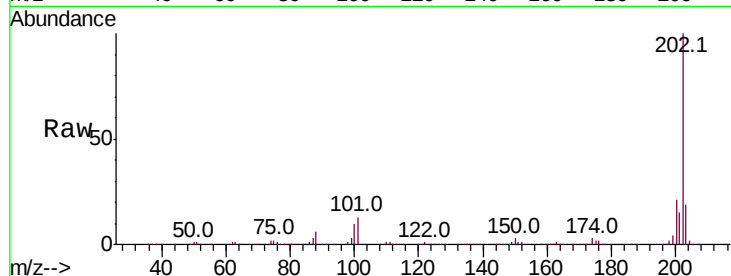
#75
 Fluoranthene
 Concen: 46.350 ng
 RT: 12.58 min Scan# 1784
 Delta R.T. -0.01 min
 Lab File: BF119574.D
 Acq: 27 Mar 2020 18:28

Instrument :
 BNA_F
 ClientSampleId :
 PB127849BS

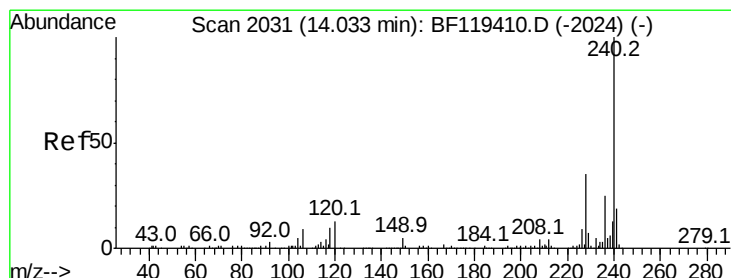
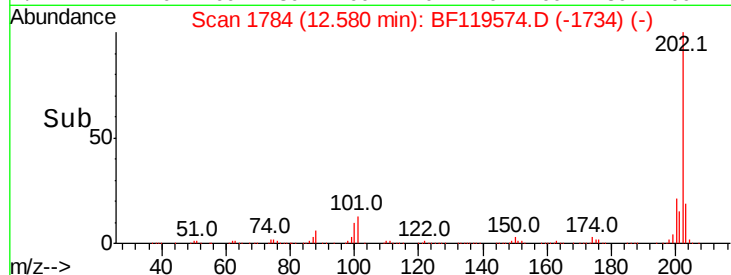
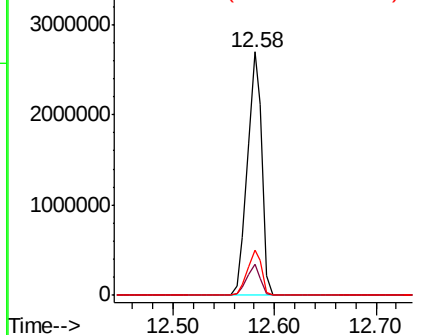
Tot Ion	Ratio	Resp	Lower	Upper
202	100	2650078		
101	12.8		0.0	32.2
203	18.6		0.0	38.8

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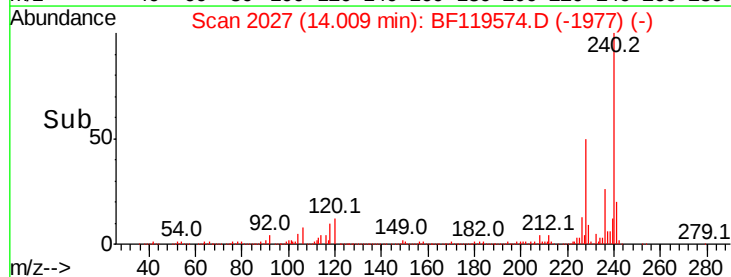
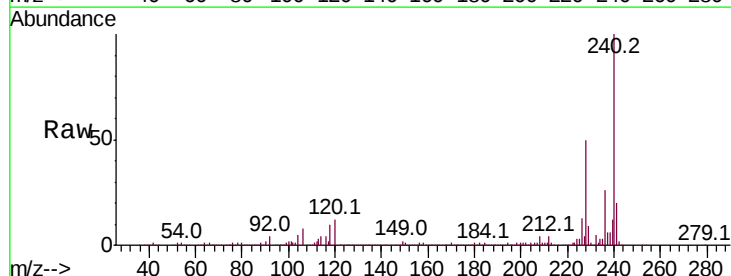
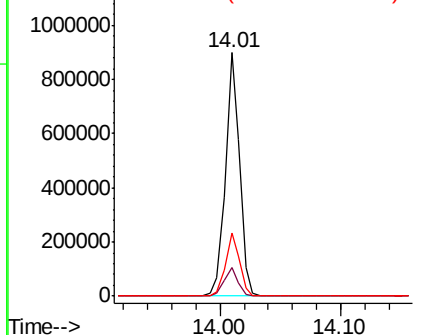
Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

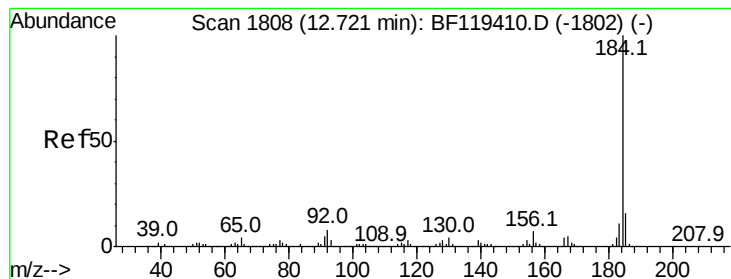


#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.01 min Scan# 2027
 Delta R.T. -0.01 min
 Lab File: BF119574.D
 Acq: 27 Mar 2020 18:28

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	722651		
120	11.8		10.6	15.8
236	26.1		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: 46.979 ng

RT: 12.70 min Scan# 1805

Delta R.T. -0.01 min

Lab File: BF119574.D

Acq: 27 Mar 2020 18:28

Instrument :

BNA_F

ClientSampleId :

PB127849BS

Tot Ion:184 Resp: 1436748

Ion Ratio Lower Upper

184 100

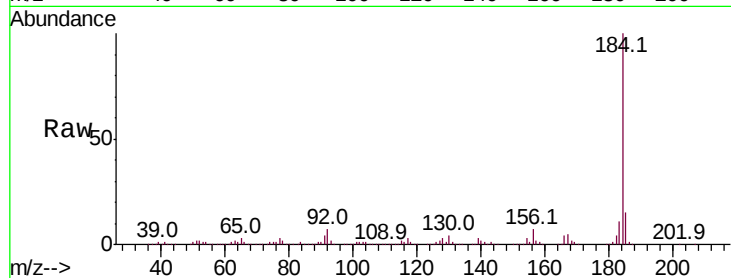
185 14.9 12.3 18.5

183 11.3 9.0 13.6

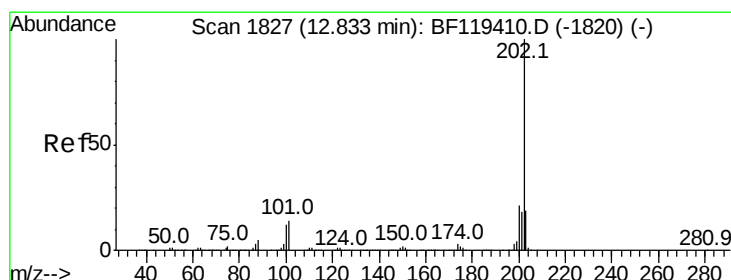
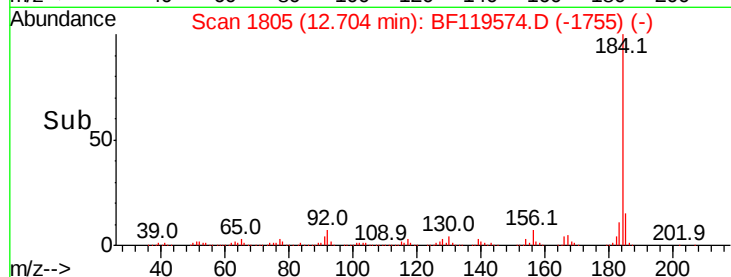
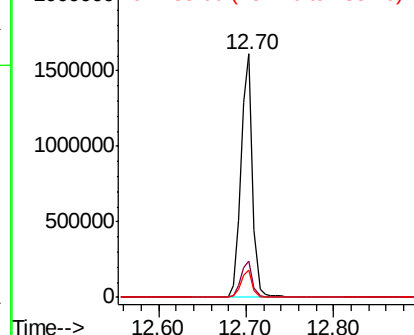
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Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 43.660 ng

RT: 12.81 min Scan# 1823

Delta R.T. -0.01 min

Lab File: BF119574.D

Acq: 27 Mar 2020 18:28

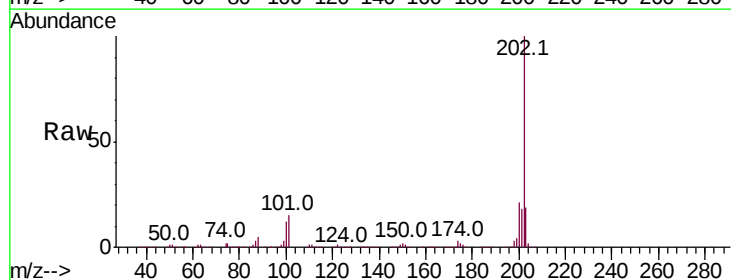
Tgt Ion:202 Resp: 2589336

Ion Ratio Lower Upper

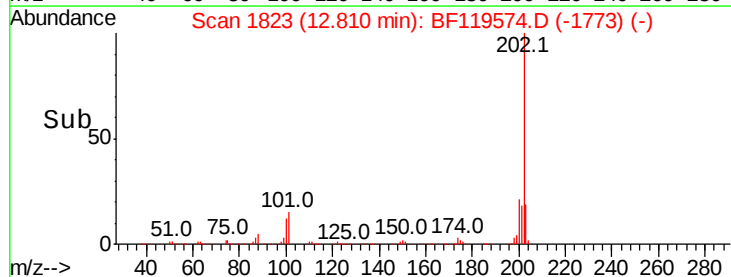
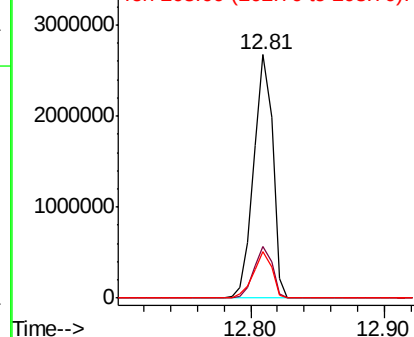
202 100

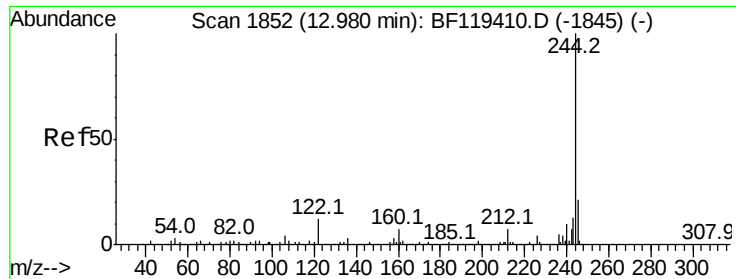
200 21.1 16.8 25.2

203 18.9 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





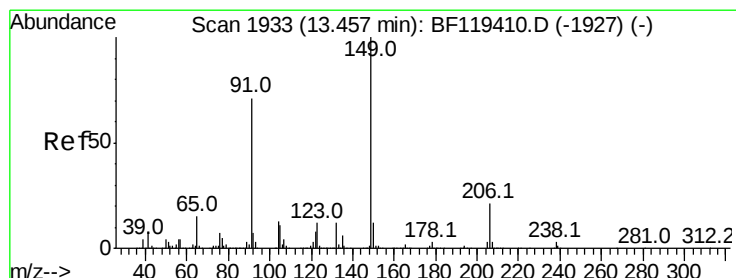
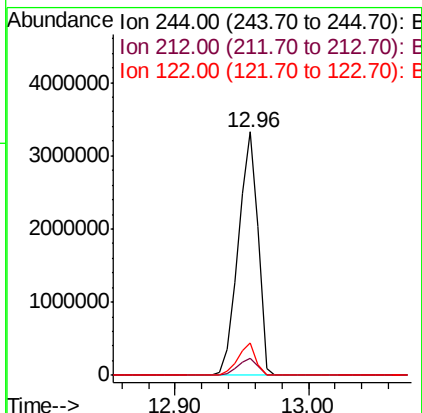
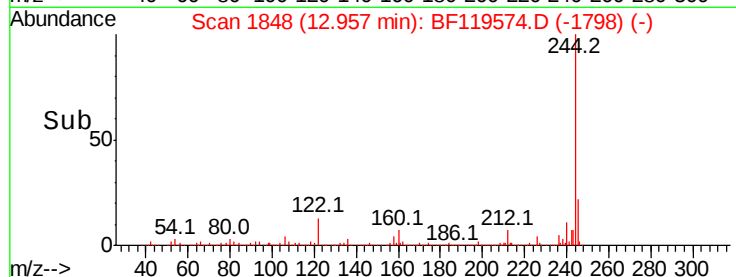
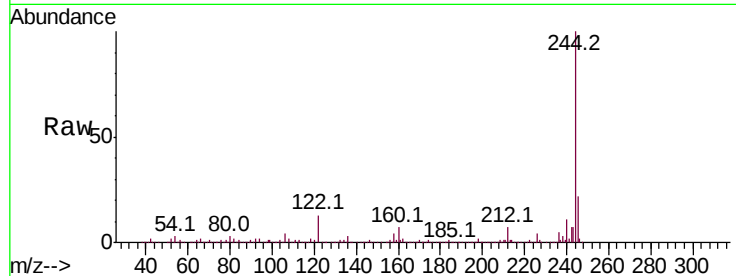
#79
 Terphenyl-d14
 Concen: 92.277 ng
 RT: 12.96 min Scan# 1848
 Delta R.T. -0.01 min
 Lab File: BF119574.D
 Acq: 27 Mar 2020 18:28

Instrument :
 BNA_F
 ClientSampleId :
 PB127849BS

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.8	8.8
122	13.1	10.3	15.5

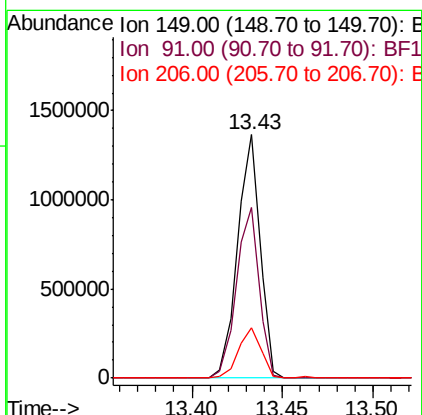
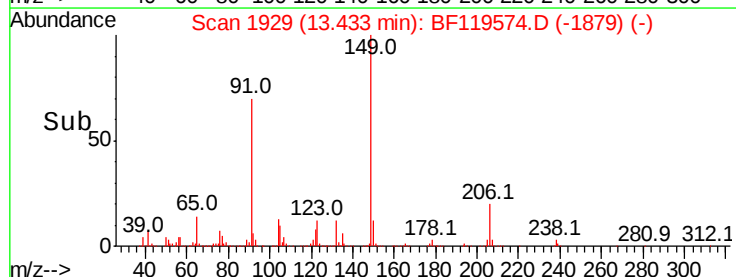
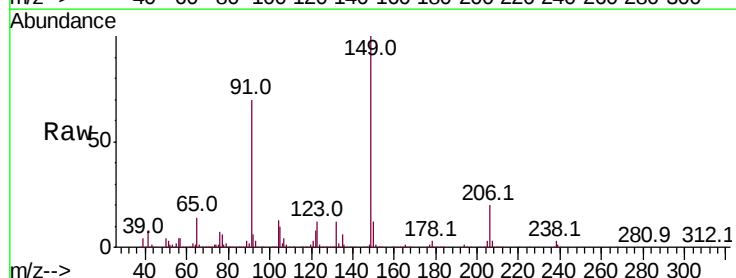
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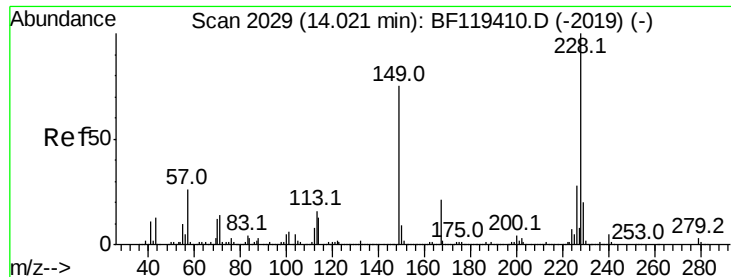
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#80
 Butylbenzylphthalate
 Concen: 49.202 ng
 RT: 13.43 min Scan# 1929
 Delta R.T. -0.01 min
 Lab File: BF119574.D
 Acq: 27 Mar 2020 18:28

Tgt Ion	Ratio	Lower	Upper
149	100		
91	70.2	54.7	82.1
206	20.5	16.2	24.2





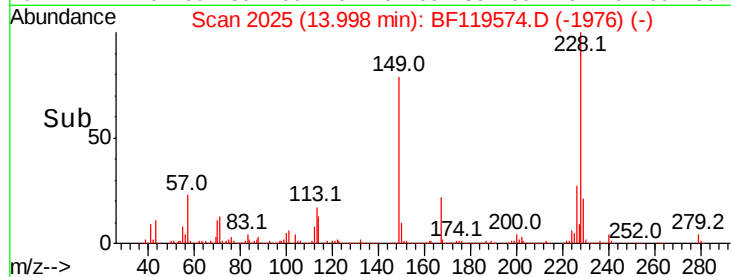
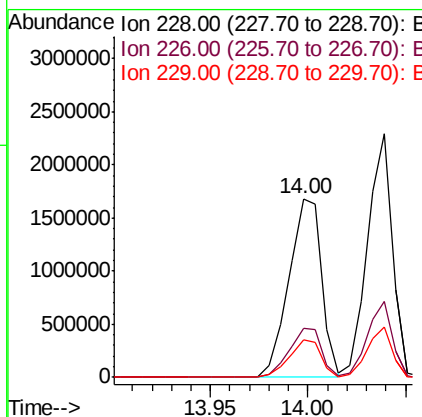
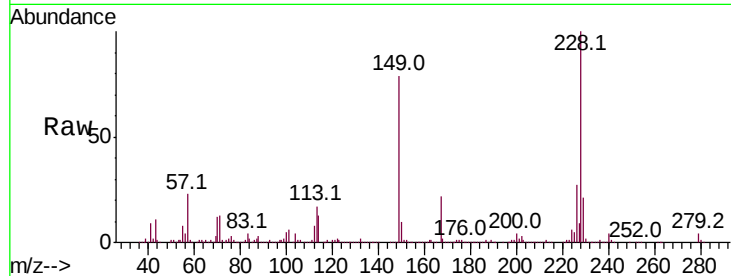
#81
Benzo(a)anthracene
Concen: 41.448 ng
RT: 14.00 min Scan# 2025
Delta R.T. -0.01 min
Lab File: BF119574.D
Acq: 27 Mar 2020 18:28

Instrument :
BNA_F
ClientSampleId :
PB127849BS

Tot Ion:228 Resp: 1947767
Ion Ratio Lower Upper
228 100
226 27.4 21.8 32.8
229 20.8 16.2 24.4

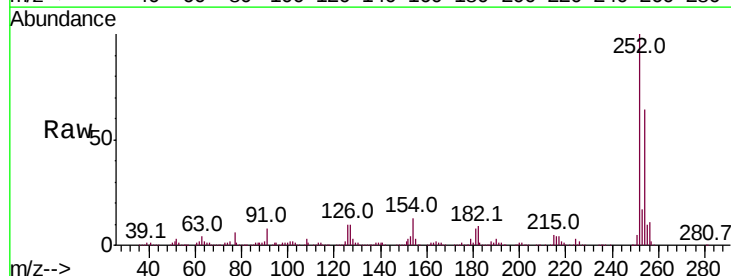
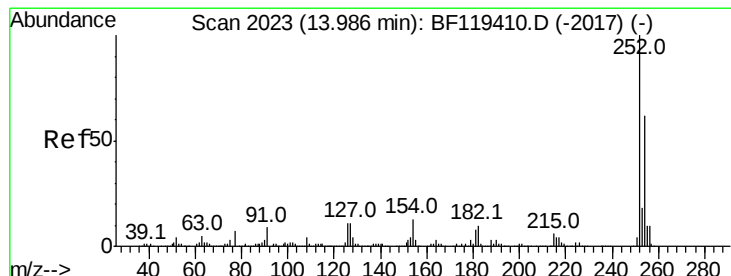
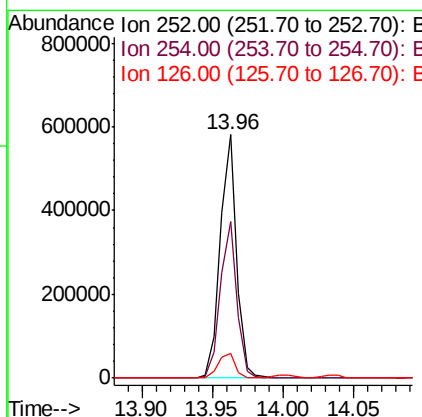
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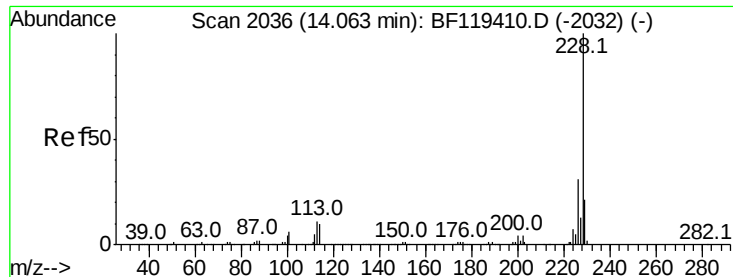
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#82
3,3'-Dichlorobenzidine
Concen: 25.420 ng
RT: 13.96 min Scan# 2019
Delta R.T. -0.01 min
Lab File: BF119574.D
Acq: 27 Mar 2020 18:28

Tgt Ion:252 Resp: 470998
Ion Ratio Lower Upper
252 100
254 64.2 51.2 76.8
126 10.4 9.6 14.4





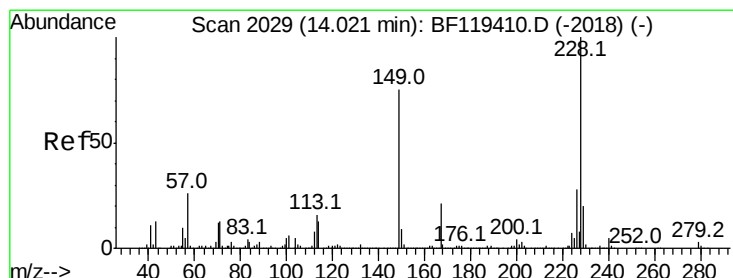
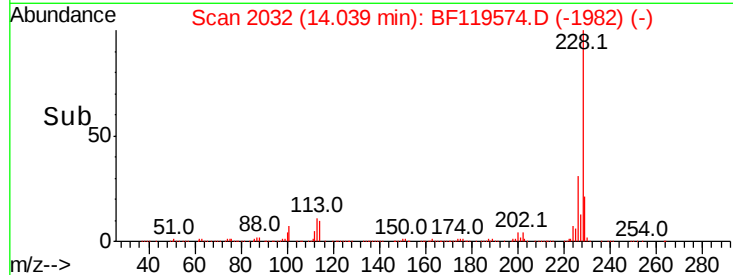
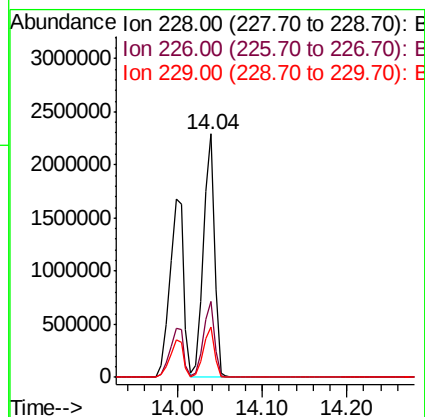
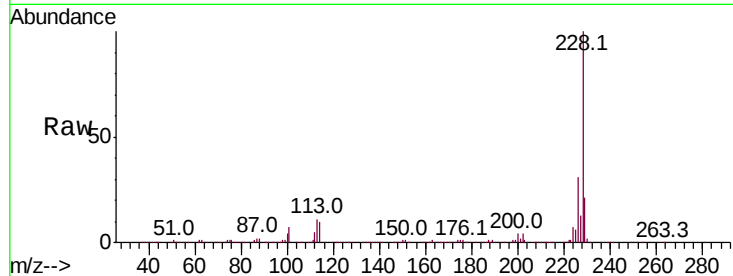
#83
 Chrysene
 Concen: 42.105 ng
 RT: 14.04 min Scan# 2032
 Delta R.T. -0.01 min
 Lab File: BF119574.D
 Acq: 27 Mar 2020 18:28

Instrument :
 BNA_F
 ClientSampleId :
 PB127849BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.3	25.4	38.0
229	20.7	16.6	24.8

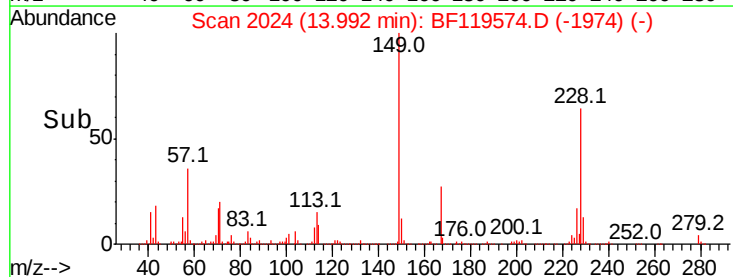
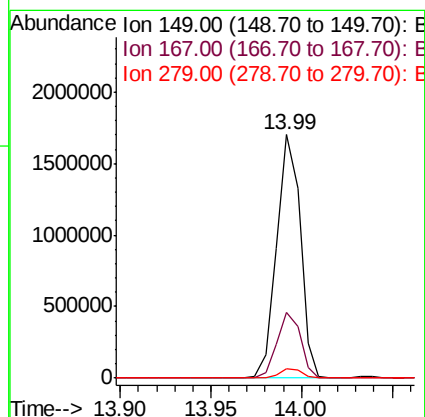
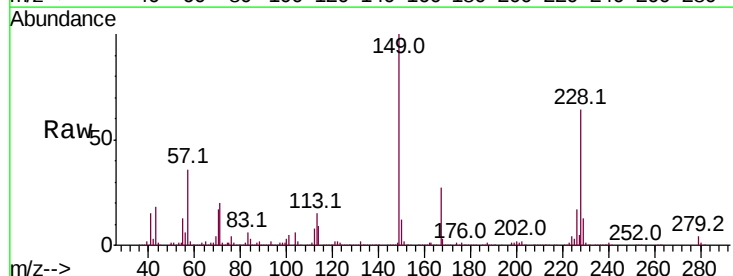
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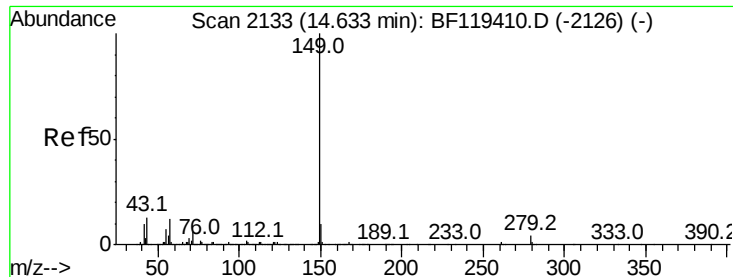
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 54.111 ng
 RT: 13.99 min Scan# 2024
 Delta R.T. -0.01 min
 Lab File: BF119574.D
 Acq: 27 Mar 2020 18:28

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.2	21.3	31.9
279	3.6	2.7	4.1





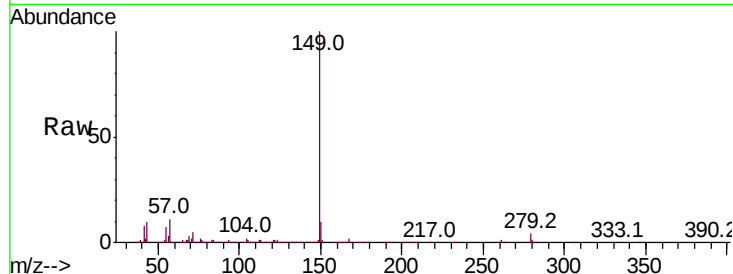
#85
Di-n-octyl phthalate
Concen: 56.486 ng
RT: 14.61 min Scan# 2129
Delta R.T. -0.01 min
Lab File: BF119574.D
Acq: 27 Mar 2020 18:28

Instrument :
BNA_F
ClientSampleId :
PB127849BS

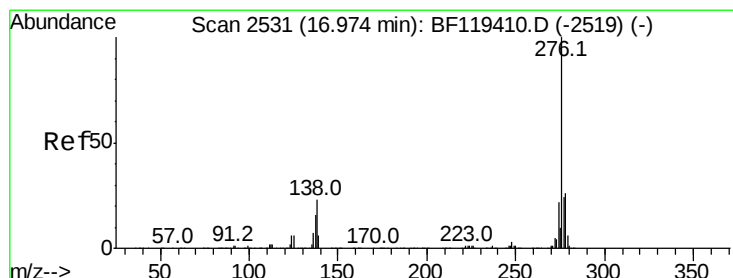
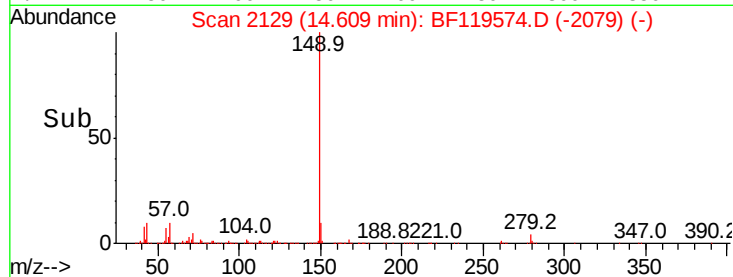
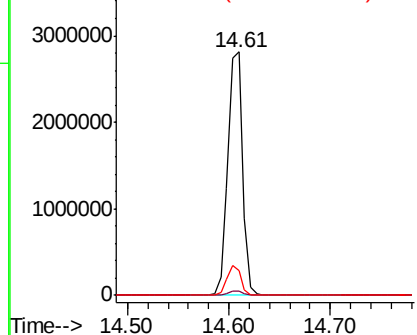
Tot Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	11.7	9.3	13.9

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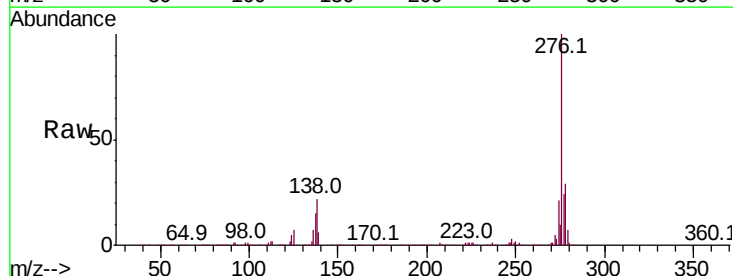


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

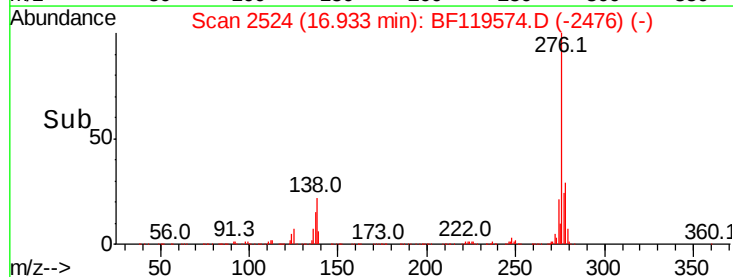
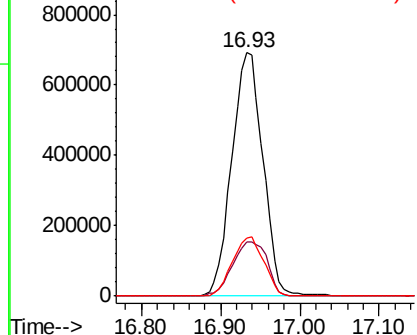


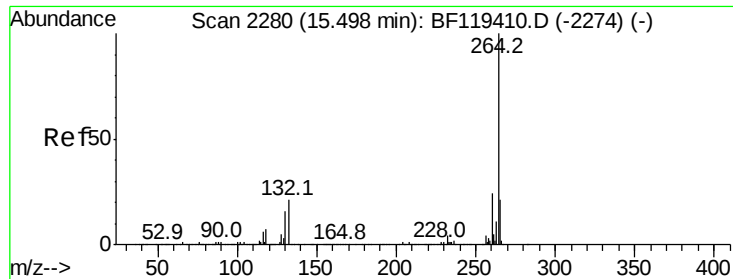
#86
Indeno(1,2,3-cd)pyrene
Concen: 41.262 ng
RT: 16.93 min Scan# 2524
Delta R.T. -0.02 min
Lab File: BF119574.D
Acq: 27 Mar 2020 18:28

Tgt Ion	Ratio	Lower	Upper
276	100		
138	24.9	19.6	29.4
277	24.8	20.0	30.0



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





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.47 min Scan# 2275

Delta R.T. -0.01 min

Lab File: BF119574.D

Acq: 27 Mar 2020 18:28

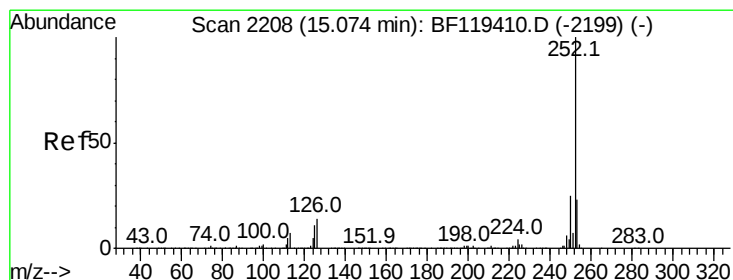
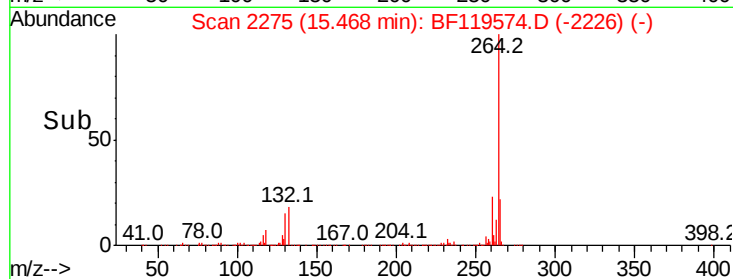
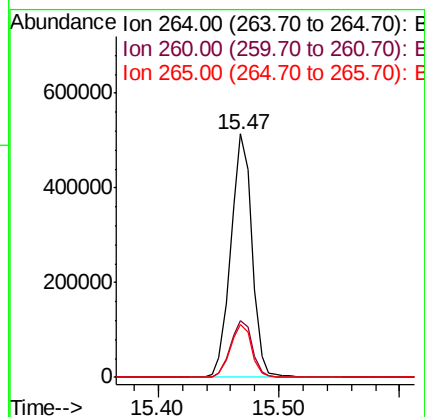
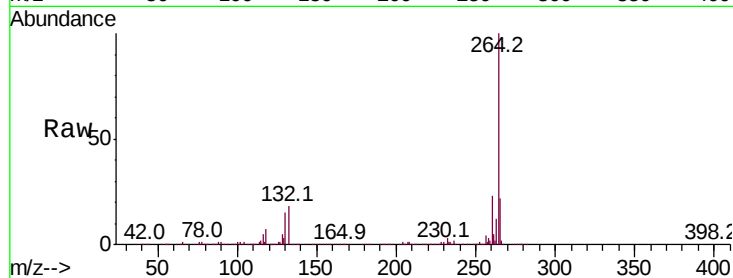
Instrument :
BNA_F

ClientSampleId :
PB127849BS

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.7	28.1
265	21.6	17.7	26.5

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#88

Benzo(b)fluoranthene

Concen: 50.891 ng

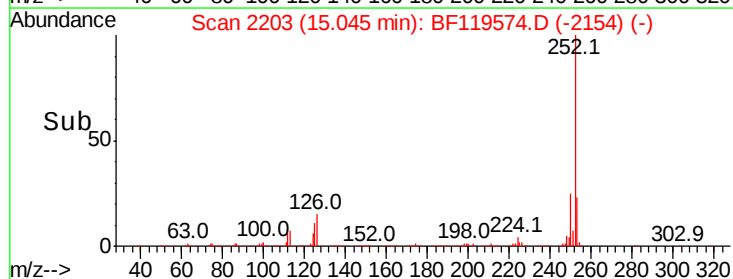
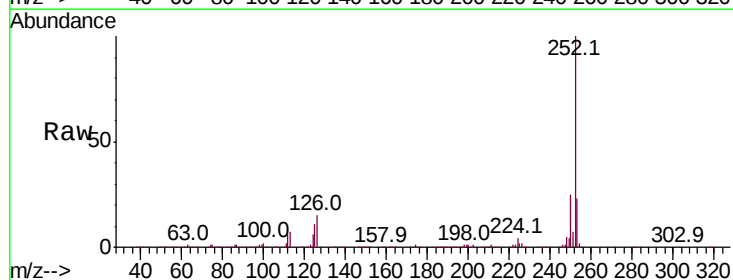
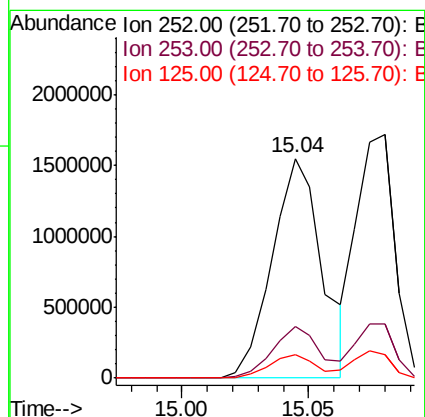
RT: 15.04 min Scan# 2203

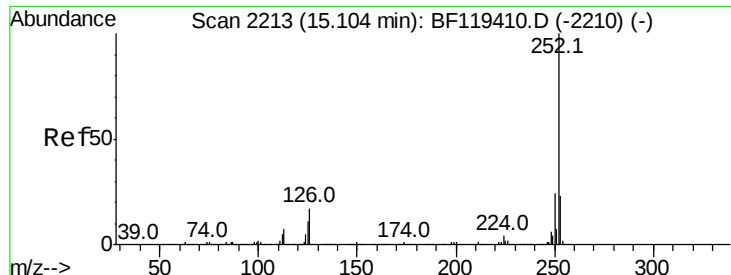
Delta R.T. -0.01 min

Lab File: BF119574.D

Acq: 27 Mar 2020 18:28

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.4	26.0
125	10.7	7.9	11.9





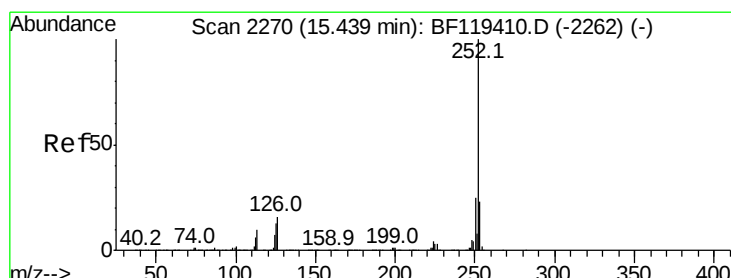
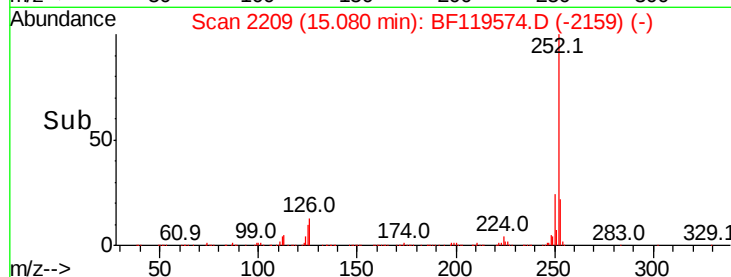
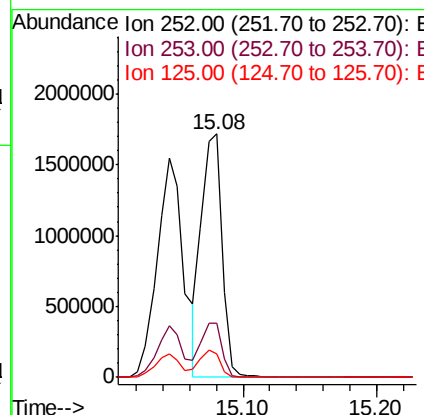
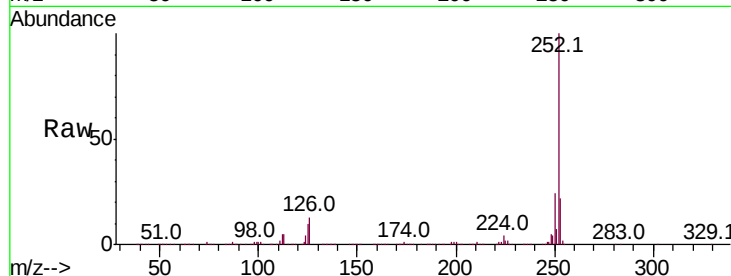
#89
Benzo(k)fluoranthene
Concen: 45.608 ng
RT: 15.08 min Scan# 2209
Delta R.T. -0.01 min
Lab File: BF119574.D
Acq: 27 Mar 2020 18:28

Instrument :
BNA_F
ClientSampleId :
PB127849BS

Tot Ion:252 Resp: 1821079
Ion Ratio Lower Upper
252 100
253 22.2 17.8 26.6
125 9.6 8.4 12.6

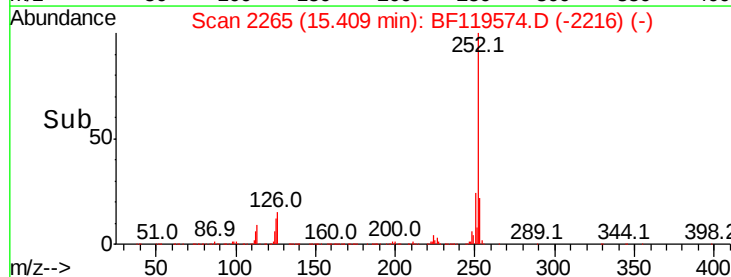
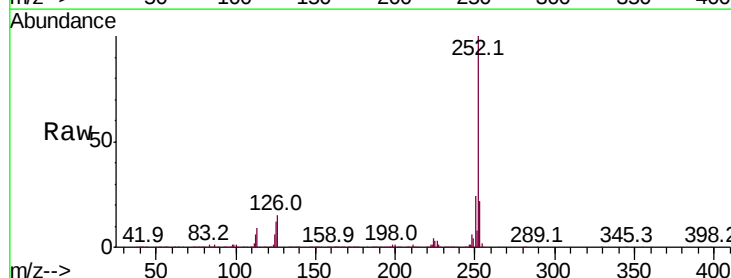
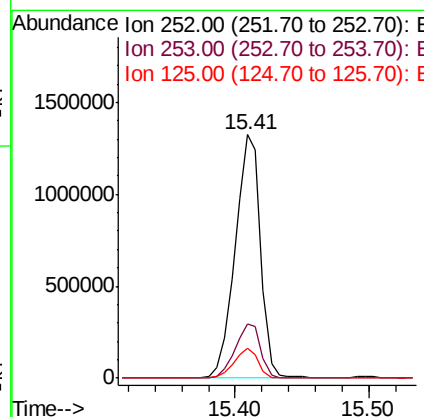
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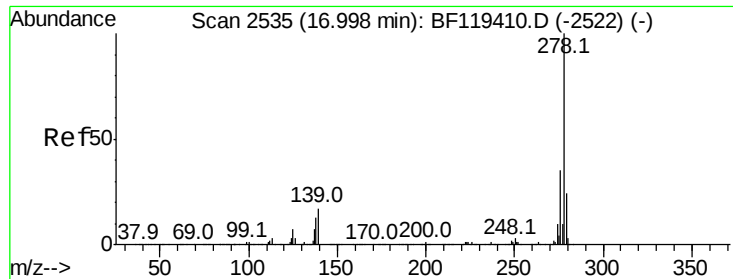
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#90
Benzo(a)pyrene
Concen: 46.215 ng
RT: 15.41 min Scan# 2265
Delta R.T. -0.01 min
Lab File: BF119574.D
Acq: 27 Mar 2020 18:28

Tgt Ion:252 Resp: 1761173
Ion Ratio Lower Upper
252 100
253 22.5 18.2 27.2
125 12.1 9.4 14.2





#91

Dibenzo(a,h)anthracene

Concen: 46.664 ng

RT: 16.96 min Scan# 2528

Delta R.T. -0.01 min

Lab File: BF119574.D

Acq: 27 Mar 2020 18:28

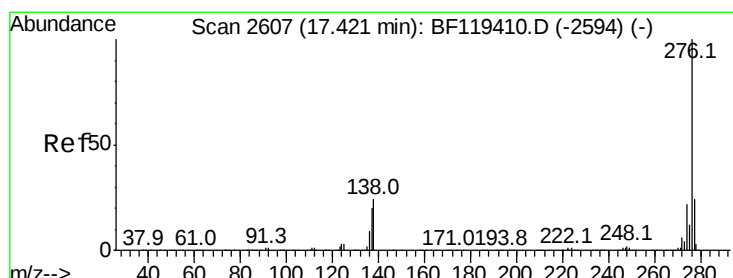
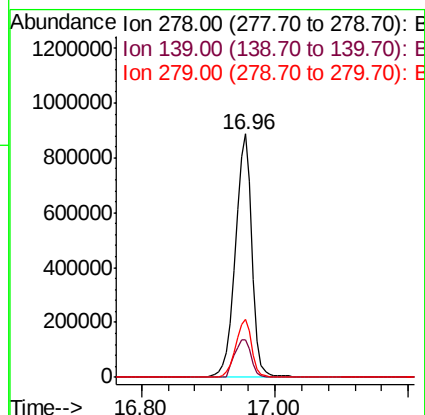
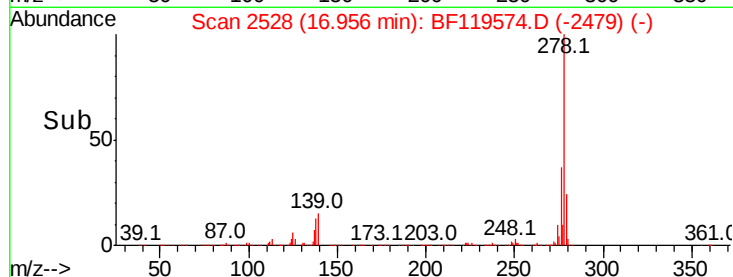
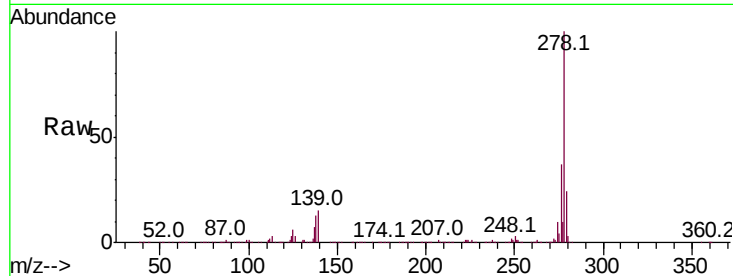
Instrument :
BNA_F
ClientSampleId :
PB127849BS

Tot Ion:278 Resp: 1555417

Ion	Ratio	Lower	Upper
278	100		
139	15.4	12.6	19.0
279	23.9	19.0	28.6

Manual Integrations
APPROVED

mohammad
3/31/2020 8:15:17 AM



#92

Benzo(g,h,i)perylene

Concen: 47.109 ng

RT: 17.38 min Scan# 2600

Delta R.T. -0.02 min

Lab File: BF119574.D

Acq: 27 Mar 2020 18:28

Tgt Ion:276 Resp: 1577516

Ion	Ratio	Lower	Upper
276	100		
277	24.0	18.4	27.6
138	21.6	15.4	23.0

