

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040320\
 Data File : BF119711.D
 Acq On : 3 Apr 2020 11:37
 Operator : MA/SJ
 Sample : PB127859BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB127859BSD

Manual Integrations
 APPROVED

mohammad
 4/6/2020 1:38:39 PM

Quant Time: Apr 03 14:21:43 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF031820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 01 11:59:45 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	237507	20.00	ng	-0.01
21) Naphthalene-d8	8.09	136	930071	20.00	ng	-0.01
39) Acenaphthene-d10	9.85	164	470885	20.00	ng	-0.01
64) Phenanthrene-d10	11.34	188	901048	20.00	ng	-0.01
76) Chrysene-d12	13.99	240	661948	20.00	ng	-0.01
87) Perylene-d12	15.43	264	645532	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	1216045	81.51	ng	0.01
7) Phenol-d6	6.44	99	1562025	81.96	ng	0.00
23) Nitrobenzene-d5	7.37	82	1337413	78.15	ng	0.00
42) 2,4,6-Tribromophenol	10.65	330	438992	90.37	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	2401151	75.54	ng	0.00
79) Terphenyl-d14	12.93	244	2773537	82.09	ng	-0.01

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.62	88	237238	32.195	ng	96
3) Pyridine	3.35	79	670592	33.033	ng	94
4) n-Nitrosodimethylamine	3.30	42	361803	36.547	ng	88
6) Aniline	6.47	93	902499	34.310	ng	95
8) 2-Chlorophenol	6.59	128	744336	47.501	ng	95
9) Benzaldehyde	6.35	77	368333	30.465	ng	99
10) Phenol	6.45	94	956259	47.023	ng	100
11) bis(2-Chloroethyl)ether	6.54	93	699108	42.983	ng	99
12) 1,3-Dichlorobenzene	6.75	146	726448	42.834	ng	97
13) 1,4-Dichlorobenzene	6.82	146	745490	43.946	ng	98
14) 1,2-Dichlorobenzene	6.98	146	692248	43.658	ng	98
15) Benzyl Alcohol	6.95	79	603658	42.107	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.09	45	1208089	36.824	ng	98
17) 2-Methylphenol	7.06	107	591497	41.199	ng	98
18) Hexachloroethane	7.32	117	272597	43.849	ng	96
19) n-Nitroso-di-n-propylamine	7.23	70	476498	41.479	ng	97
20) 3+4-Methylphenols	7.22	107	710278	40.367	ng	# 84
22) Acetophenone	7.22	105	923607	41.560	ng	95
24) Nitrobenzene	7.39	77	746726	40.830	ng	98
25) Isophorone	7.63	82	1356850	39.086	ng	99
26) 2-Nitrophenol	7.71	139	391584	54.379	ng	# 86
27) 2,4-Dimethylphenol	7.75	122	622599	41.814	ng	98
28) bis(2-Chloroethoxy)methane	7.85	93	861417	41.963	ng	99
29) 2,4-Dichlorophenol	7.95	162	593974	43.415	ng	97
30) 1,2,4-Trichlorobenzene	8.03	180	630764	41.689	ng	99
31) Naphthalene	8.12	128	2007112	41.935	ng	99
32) Benzoic acid	7.88	122	512083	53.464	ng	93
33) 4-Chloroaniline	8.16	127	585901	26.715	ng	97
34) Hexachlorobutadiene	8.23	225	350225	41.371	ng	99
35) Caprolactam	8.53	113	199959m	44.658	ng	
36) 4-Chloro-3-methylphenol	8.65	107	638900	42.727	ng	99
37) 2-Methylnaphthalene	8.81	142	1354407	43.118	ng	97
38) 1-Methylnaphthalene	8.91	142	1290631	43.409	ng	98
40) 1,2,4,5-Tetrachlorobenzene	8.97	216	575408	41.690	ng	99

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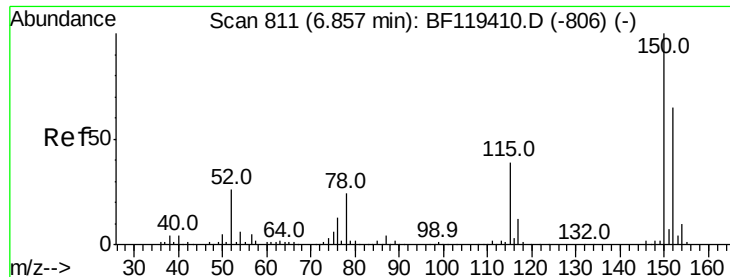
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.96	237	687749	87.649	ng	100
43) 2,4,6-Trichlorophenol	9.09	196	443130	44.865	ng	100
44) 2,4,5-Trichlorophenol	9.13	196	459033	41.487	ng	96
46) 1,1'-Biphenyl	9.27	154	1601609	41.761	ng	99
47) 2-Chloronaphthalene	9.30	162	1259087	41.912	ng	99
48) 2-Nitroaniline	9.39	65	457904	44.161	ng	95
49) Acenaphthylene	9.72	152	1991531	42.216	ng	99
50) Dimethylphthalate	9.58	163	1439242	43.030	ng	100
51) 2,6-Dinitrotoluene	9.64	165	338936	47.277	ng	93
52) Acenaphthene	9.89	154	1391745m	47.323	ng	
53) 3-Nitroaniline	9.80	138	266006	29.390	ng	95
54) 2,4-Dinitrophenol	9.92	184	411620	127.899	ng	98
55) Dibenzofuran	10.06	168	1781186	42.242	ng	97
56) 4-Nitrophenol	9.97	139	636562	89.154	ng	86
57) 2,4-Dinitrotoluene	10.05	165	453481	50.212	ng	# 84
58) Fluorene	10.40	166	1351978	43.359	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.17	232	391635	47.353	ng	97
60) Diethylphthalate	10.28	149	1481439	43.640	ng	99
61) 4-Chlorophenyl-phenylether	10.39	204	647417	42.459	ng	99
62) 4-Nitroaniline	10.43	138	386008	44.475	ng	89
63) Azobenzene	10.56	77	1414250	41.371	ng	96
65) 4,6-Dinitro-2-methylphenol	10.45	198	259740	68.745	ng	99
66) n-Nitrosodiphenylamine	10.52	169	1258221	42.536	ng	99
67) 4-Bromophenyl-phenylether	10.89	248	427956	41.704	ng	94
68) Hexachlorobenzene	10.95	284	467391	44.502	ng	95
69) Atrazine	11.05	200	376609	46.441	ng	98
70) Pentachlorophenol	11.15	266	535304	86.924	ng	98
71) Phenanthrene	11.36	178	2002667	42.864	ng	99
72) Anthracene	11.42	178	2070463	43.602	ng	99
73) Carbazole	11.57	167	1953944	41.572	ng	100
74) Di-n-butylphthalate	11.90	149	2260938	44.968	ng	100
75) Fluoranthene	12.56	202	2197893	43.468	ng	97
77) Benzidine	12.67	184	1119918	39.977	ng	99
78) Pyrene	12.79	202	2219060	40.848	ng	99
80) Butylbenzylphthalate	13.40	149	954599	43.446	ng	98
81) Benzo(a)anthracene	13.97	228	1812310	42.102	ng	100
82) 3,3'-Dichlorobenzidine	13.93	252	548819	32.336	ng	97
83) Chrysene	14.01	228	1846885	41.573	ng	99
84) Bis(2-ethylhexyl)phthalate	13.96	149	1203220	45.937	ng	99
85) Di-n-octyl phthalate	14.57	149	2215190	48.088	ng	97
86) Indeno(1,2,3-cd)pyrene	16.89	276	1767149	42.237	ng	99
88) Benzo(b)fluoranthene	15.02	252	1860782	43.152	ng	98
89) Benzo(k)fluoranthene	15.04	252	1797902	43.787	ng	99
90) Benzo(a)pyrene	15.38	252	1662887	42.433	ng	98
91) Dibenzo(a,h)anthracene	16.91	278	1462301	42.662	ng	100
92) Benzo(g,h,i)perylene	17.33	276	1462879	42.482	ng	96

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



#1

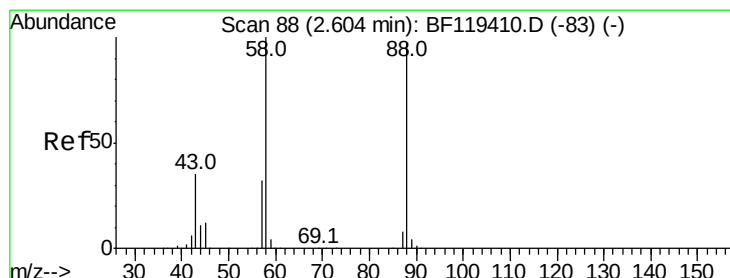
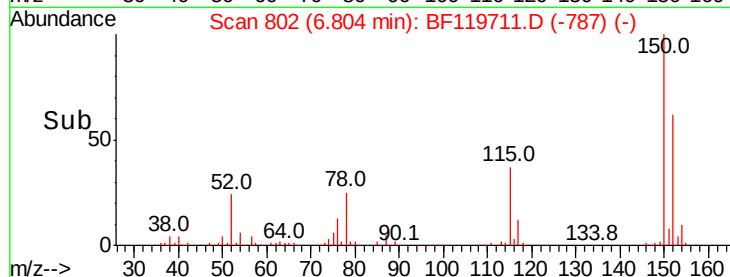
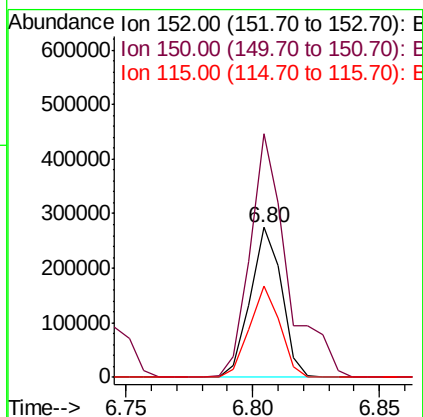
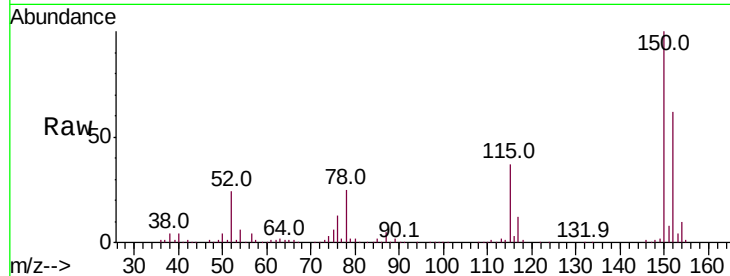
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.01 min
Lab File: BF119711.D
Acq: 3 Apr 2020 11:37

Instrument :
BNA_F
ClientSampleId :
PB127859BSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	162.5	124.5	186.7
115	60.6	49.6	74.4

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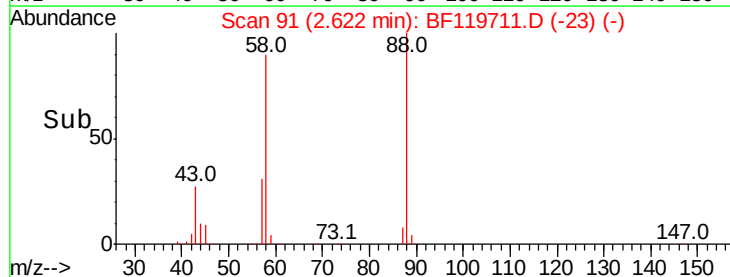
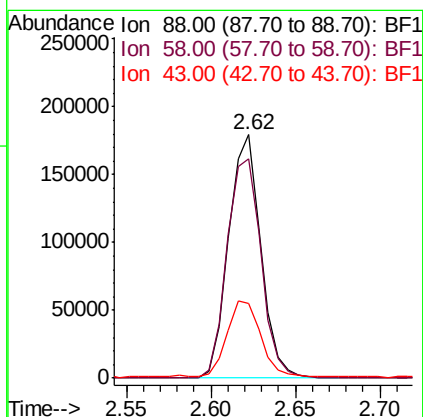
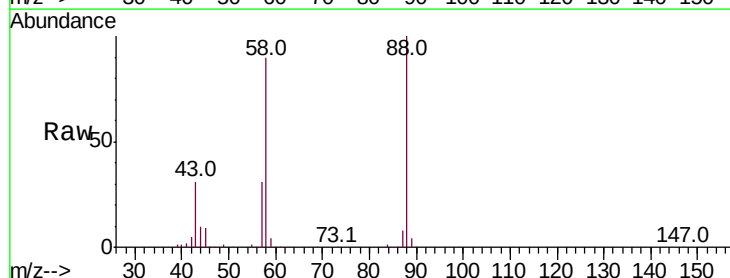
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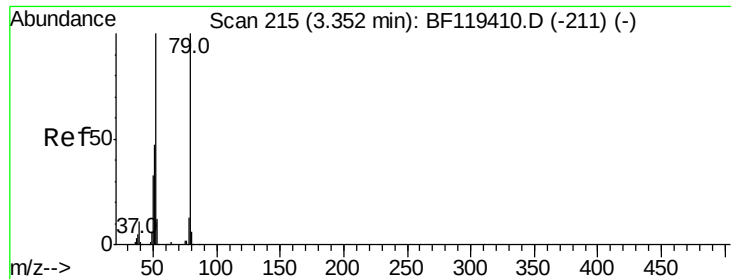


#2

1,4-Dioxane
Concen: 32.195 ng
RT: 2.62 min Scan# 91
Delta R.T. 0.10 min
Lab File: BF119711.D
Acq: 3 Apr 2020 11:37

Tgt Ion	Ratio	Lower	Upper
88	100		
58	96.1	80.6	121.0
43	33.0	27.5	41.3





#3

Pvridine

Concen: 33.033 ng

RT: 3.35 min Scan# 214

Delta R.T. 0.09 min

Lab File: BF119711.D

Acq: 3 Apr 2020 11:37

Instrument :

BNA_F

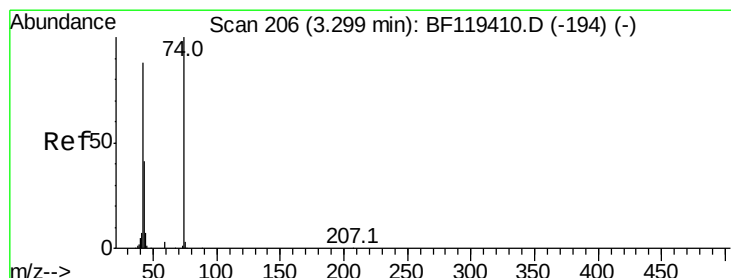
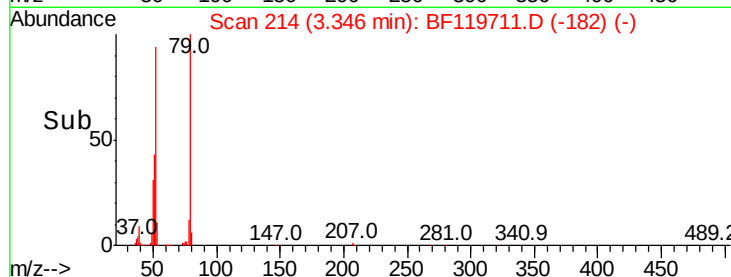
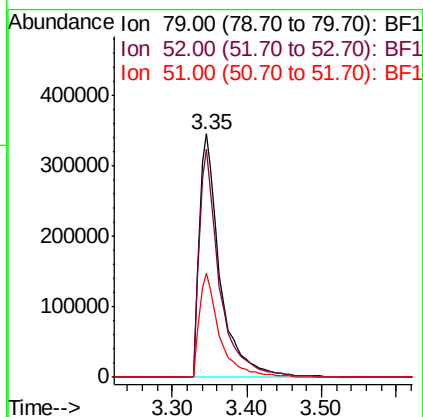
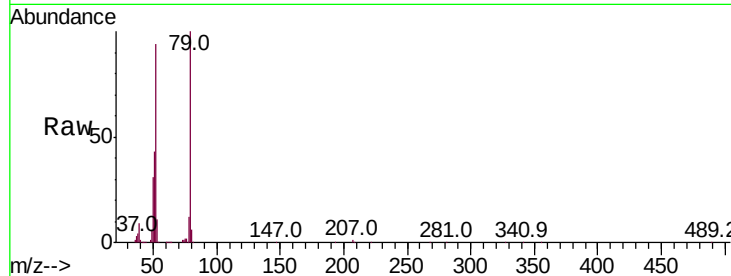
ClientSampleId :

PB127859BSD

Tot Ion:	79	Resp:	670592
Ion Ratio	Lower	Upper	
79	100		
52	93.7	80.2	120.2
51	42.7	37.7	56.5

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#4

n-Nitrosodimethylamine

Concen: 36.547 ng

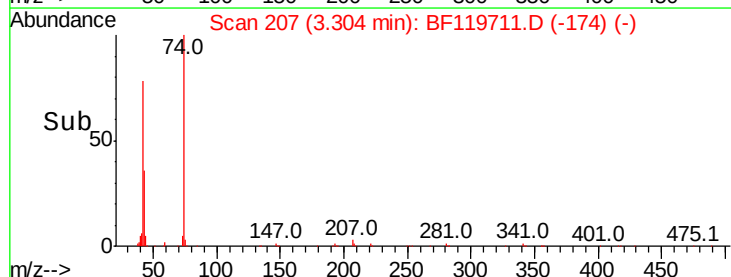
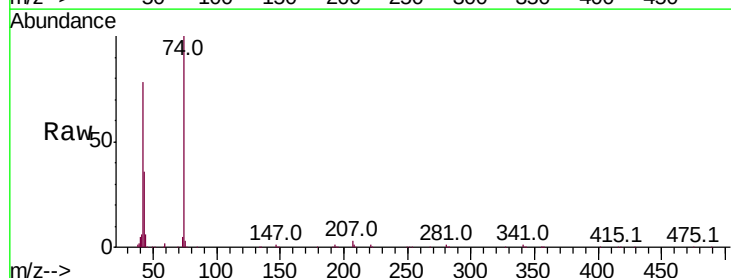
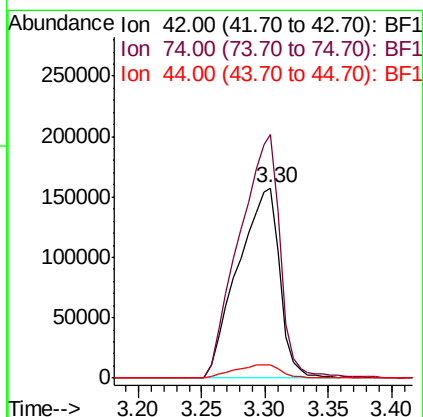
RT: 3.30 min Scan# 207

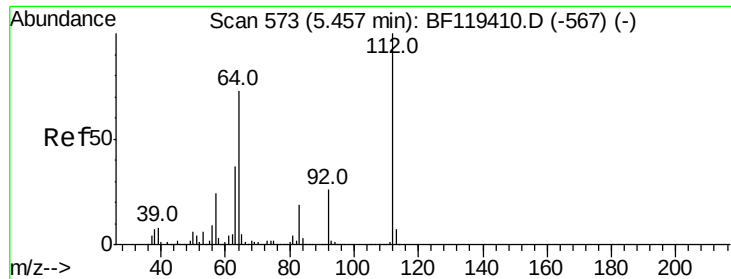
Delta R.T. 0.09 min

Lab File: BF119711.D

Acq: 3 Apr 2020 11:37

Tgt Ion:	42	Resp:	361803
Ion Ratio	Lower	Upper	
42	100		
74	128.0	91.5	137.3
44	7.2	6.2	9.4





#5

2-Fluorophenol

Concen: 81.506 ng

RT: 5.43 min Scan# 568

Delta R.T. 0.01 min

Lab File: BF119711.D

Acq: 3 Apr 2020 11:37

Instrument :

BNA_F

ClientSampleId :

PB127859BSD

Tot Ion:112 Resp: 1216045

Ion Ratio Lower Upper

112 100

64 65.5 56.7 85.1

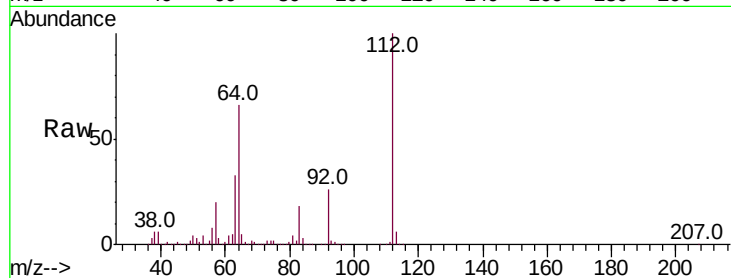
63 33.2 29.5 44.3

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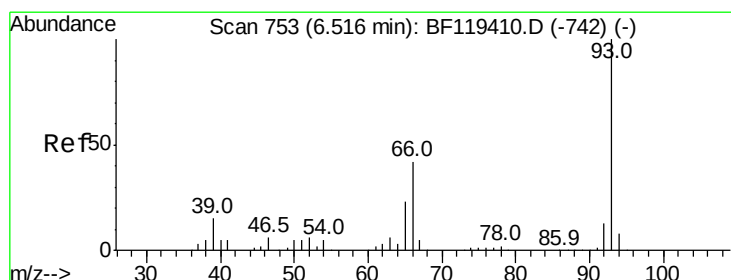
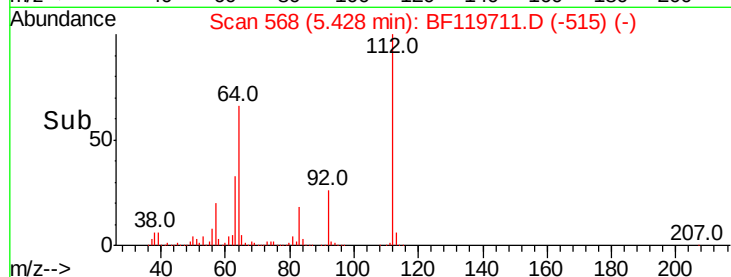
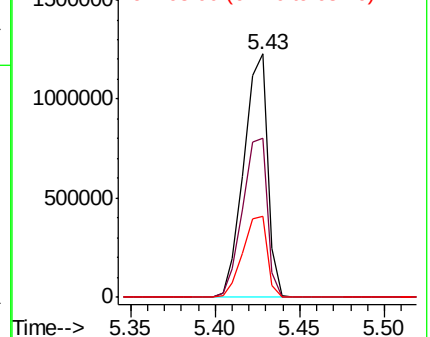
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Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 34.310 ng

RT: 6.47 min Scan# 745

Delta R.T. -0.01 min

Lab File: BF119711.D

Acq: 3 Apr 2020 11:37

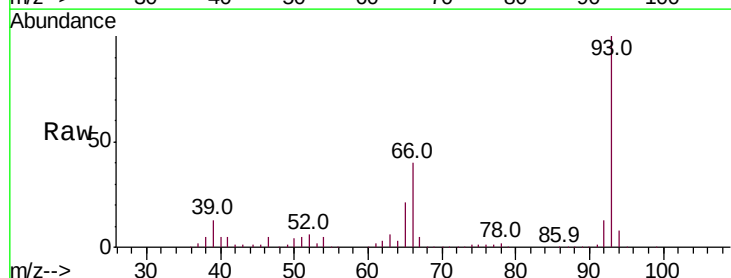
Tgt Ion: 93 Resp: 902499

Ion Ratio Lower Upper

93 100

66 40.3 34.9 52.3

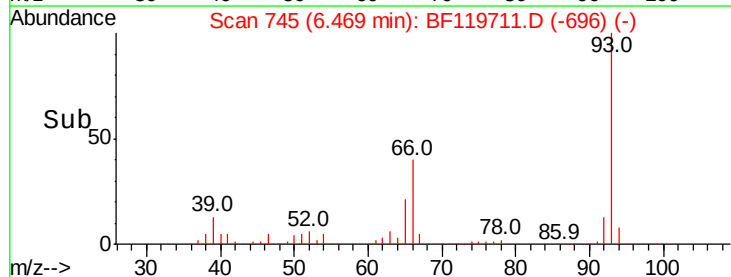
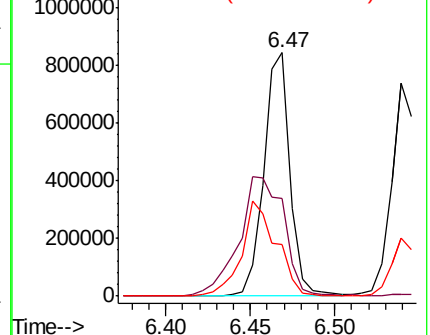
65 21.3 18.6 27.8

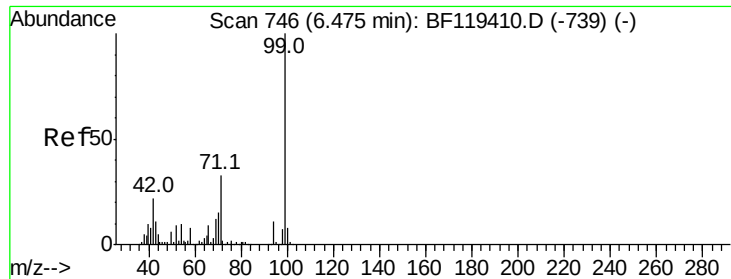


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 81.958 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.01 min

Lab File: BF119711.D

Acq: 3 Apr 2020 11:37

Instrument :

BNA_F

ClientSampleId :

PB127859BSD

Tot Ion: 99 Resp: 1562025

Ion Ratio Lower Upper

99 100

42 18.9 16.6 24.8

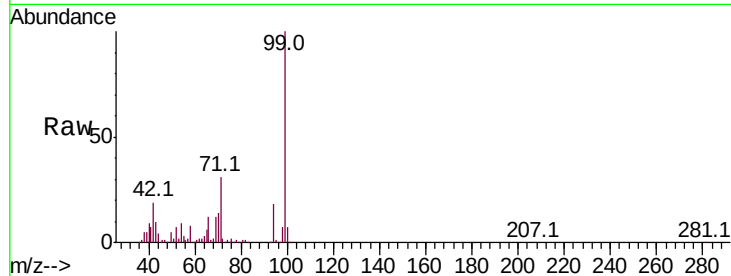
71 31.5 26.4 39.6

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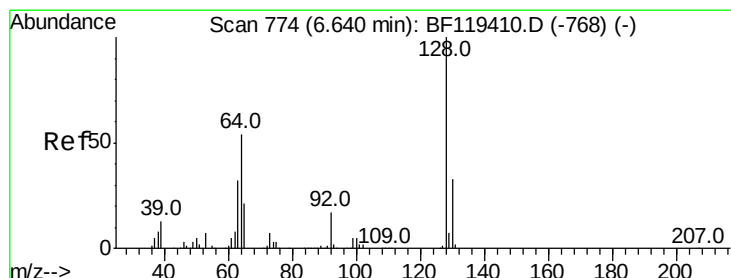
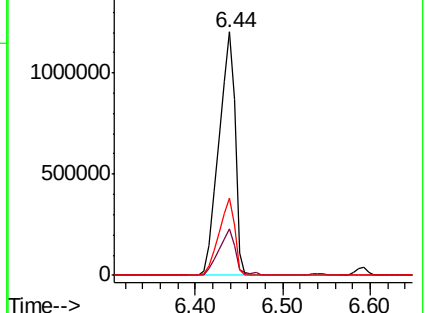
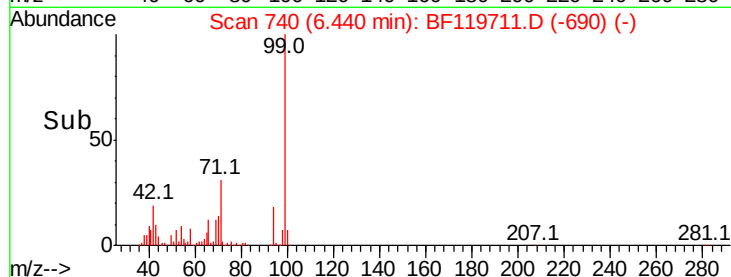
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Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 47.501 ng

RT: 6.59 min Scan# 766

Delta R.T. -0.01 min

Lab File: BF119711.D

Acq: 3 Apr 2020 11:37

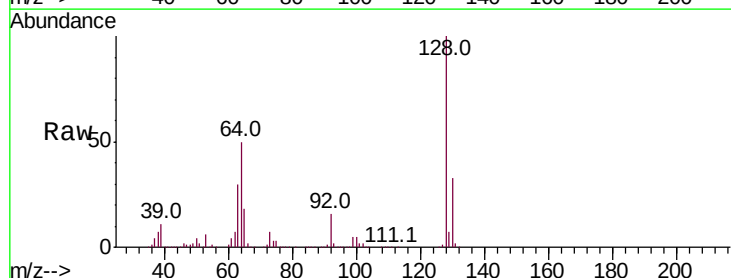
Tgt Ion:128 Resp: 744336

Ion Ratio Lower Upper

128 100

130 33.1 12.6 52.6

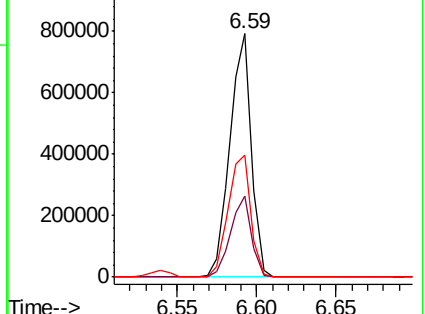
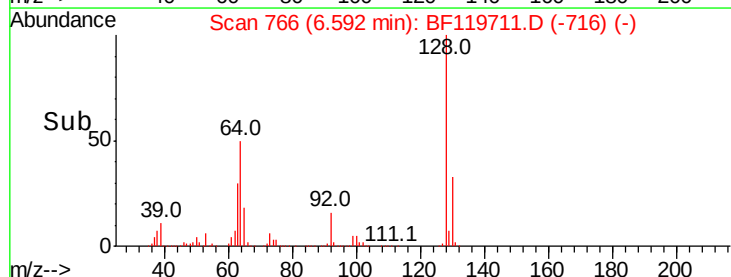
64 50.2 35.3 75.3

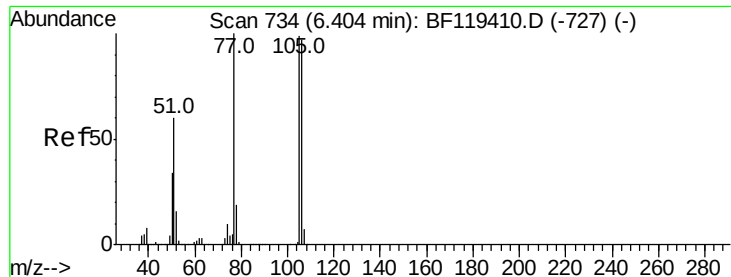


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 30.465 ng

RT: 6.35 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF119711.D

Acq: 3 Apr 2020 11:37

Instrument :

BNA_F

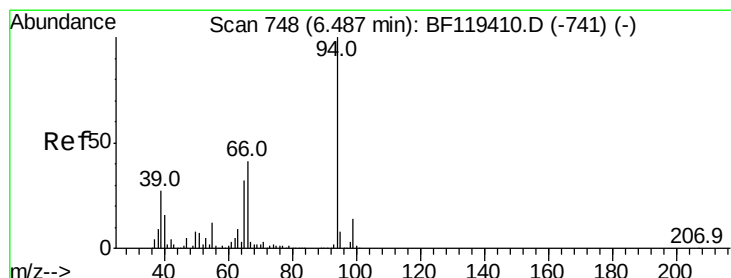
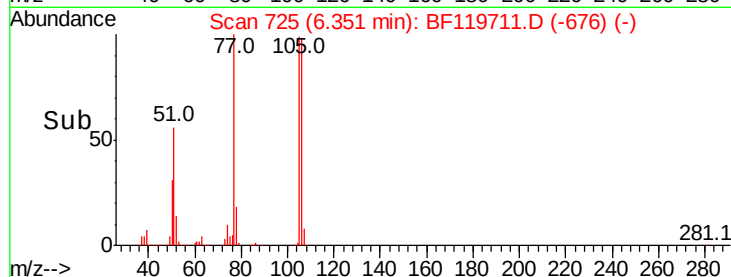
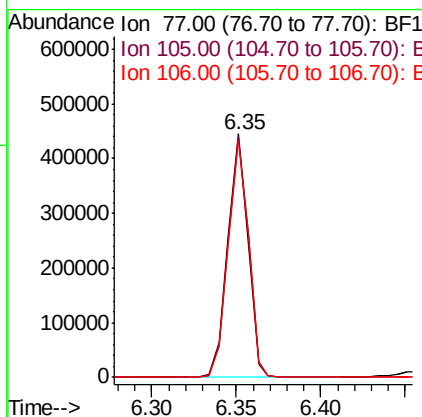
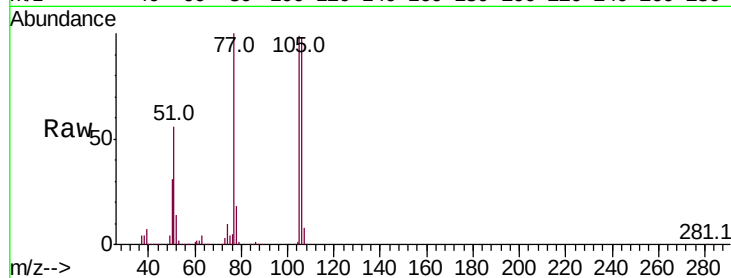
ClientSampleId :

PB127859BSD

Tot Ion:	77	Resp:	368333
Ion Ratio	Lower	Upper	
77	100		
105	99.2	80.9	120.9
106	97.6	77.9	117.9

Manual Integrations
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#10

Phenol

Concen: 47.023 ng

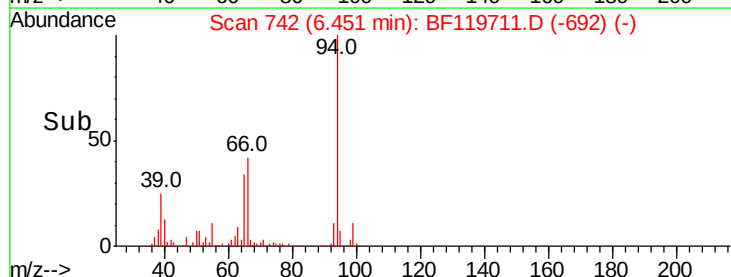
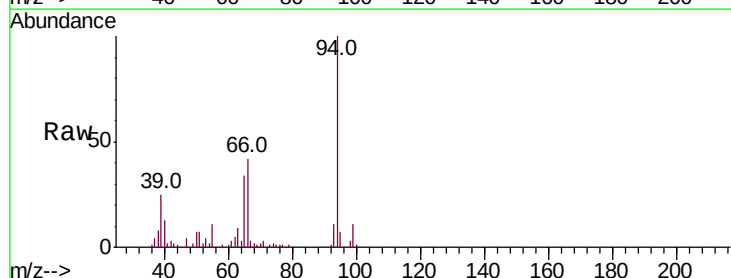
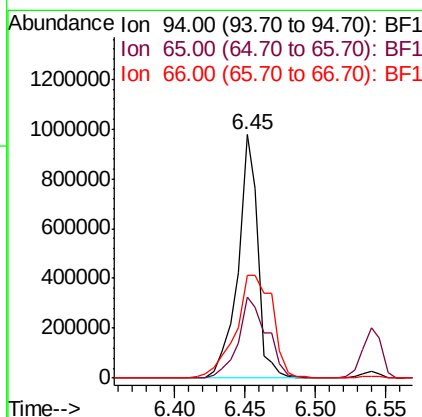
RT: 6.45 min Scan# 742

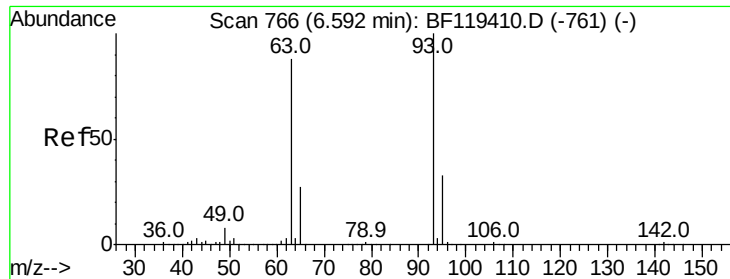
Delta R.T. -0.01 min

Lab File: BF119711.D

Acq: 3 Apr 2020 11:37

Tgt Ion:	94	Resp:	956259
Ion Ratio	Lower	Upper	
94	100		
65	33.5	13.2	53.2
66	42.3	22.3	62.3





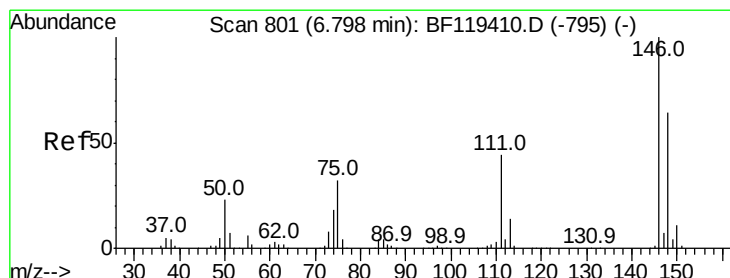
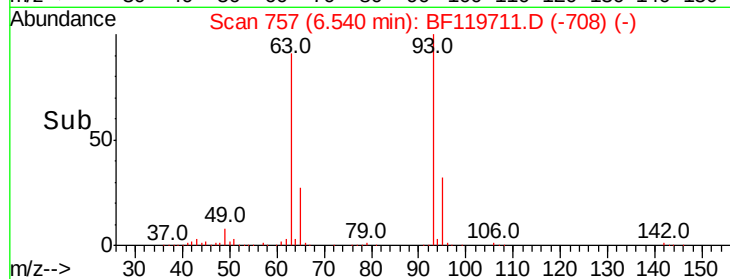
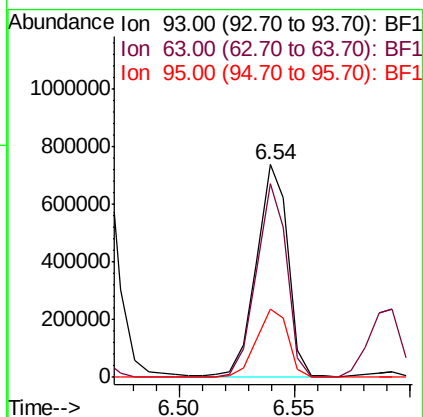
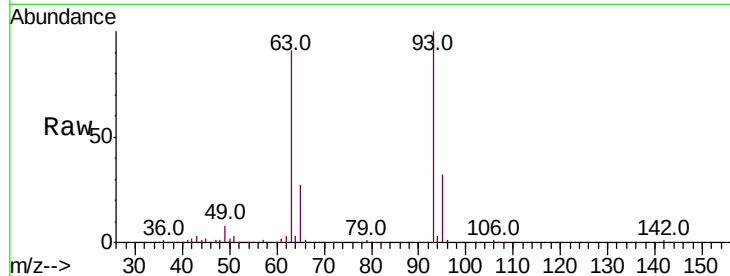
#11
bis(2-Chloroethyl)ether
Concen: 42.983 ng
RT: 6.54 min Scan# 757
Delta R.T. -0.01 min
Lab File: BF119711.D
Acq: 3 Apr 2020 11:37

Instrument :
BNA_F
ClientSampleId :
PB127859BSD

Tot Ion	Ratio	Lower	Upper
93	100		
63	91.0	70.2	110.2
95	32.3	13.4	53.4

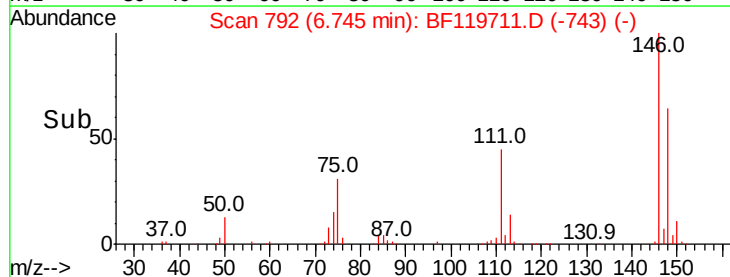
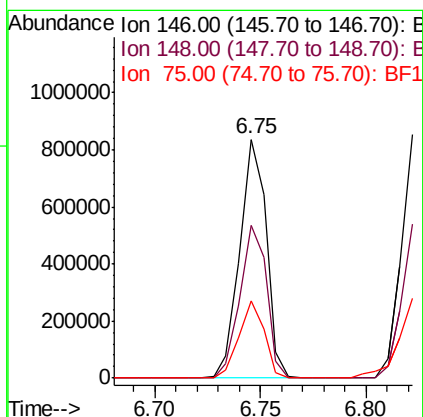
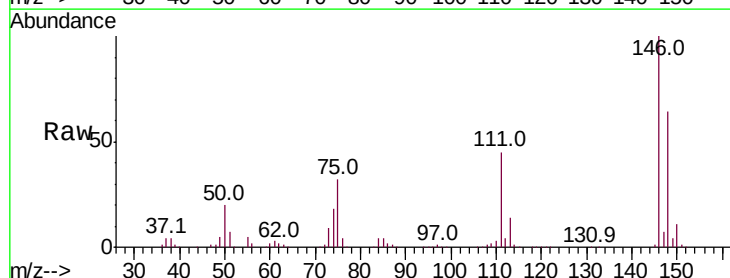
Manual Integrations
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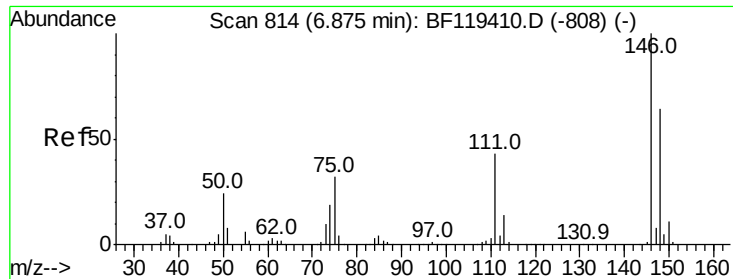
mohammad
4/6/2020 1:38:39 PM



#12
1,3-Dichlorobenzene
Concen: 42.834 ng
RT: 6.75 min Scan# 792
Delta R.T. -0.01 min
Lab File: BF119711.D
Acq: 3 Apr 2020 11:37

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.8	52.2	78.4
75	32.4	23.0	34.4





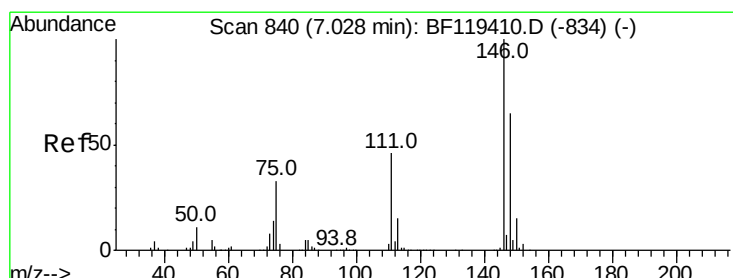
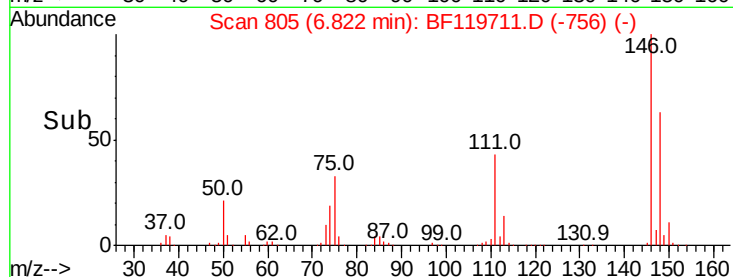
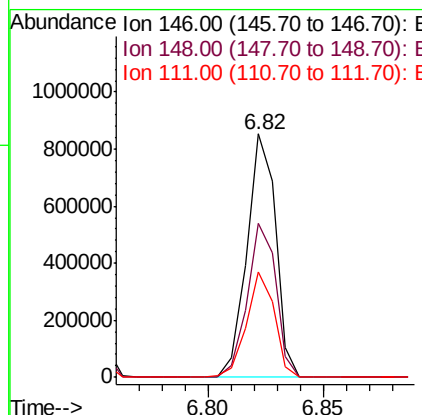
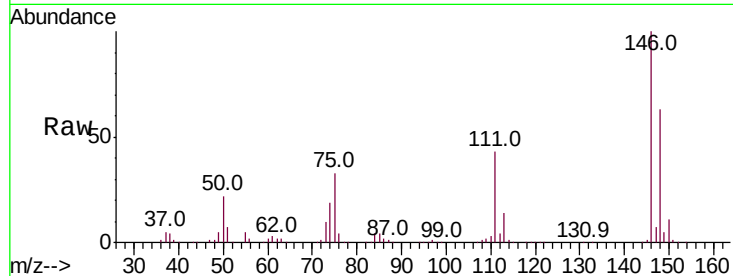
#13
 1,4-Dichlorobenzene
 Concen: 43.946 ng
 RT: 6.82 min Scan# 805
 Delta R.T. -0.01 min
 Lab File: BF119711.D
 Acq: 3 Apr 2020 11:37

Instrument :
 BNA_F
 ClientSampleID :
 PB127859BSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.2	51.5	77.3
111	43.2	33.3	49.9

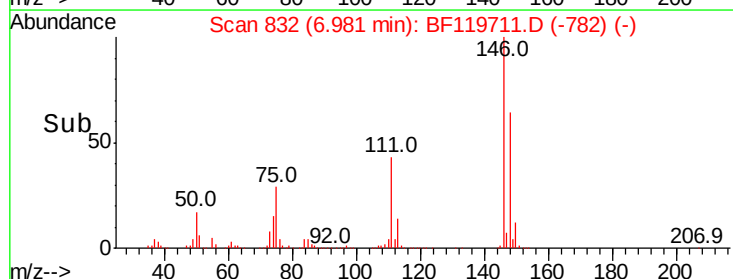
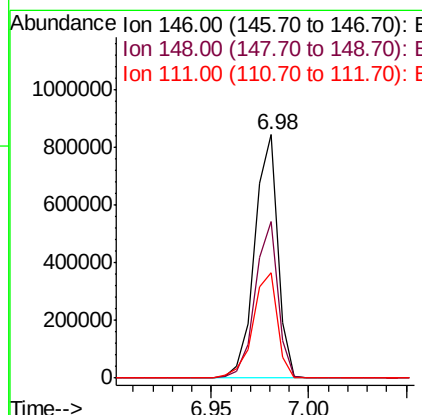
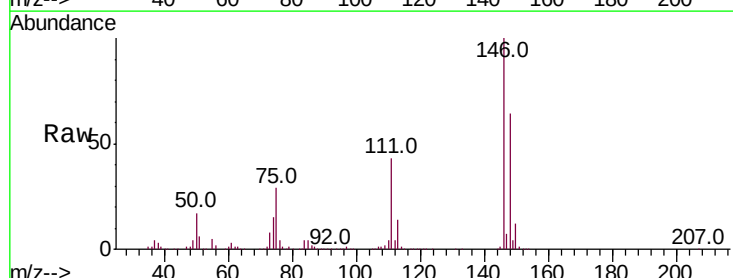
Manual Integrations
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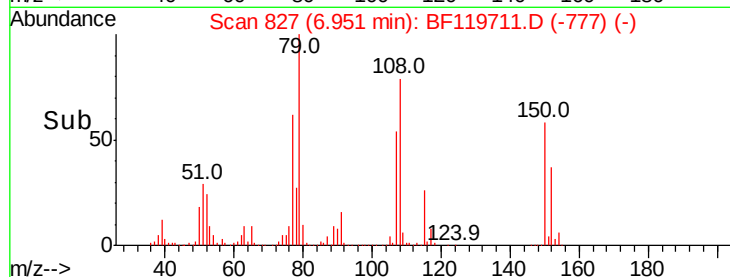
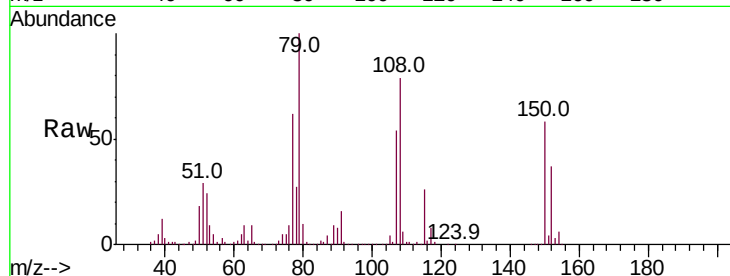
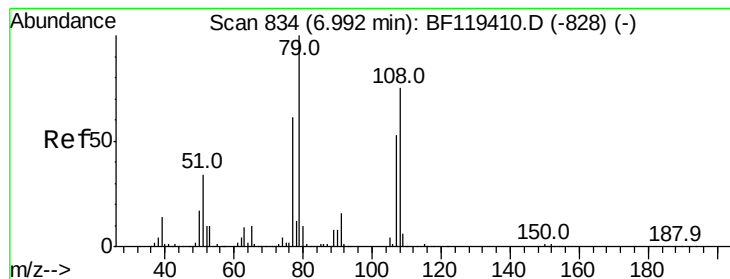
mohammad
 4/6/2020 1:38:39 PM



#14
 1,2-Dichlorobenzene
 Concen: 43.658 ng
 RT: 6.98 min Scan# 832
 Delta R.T. -0.01 min
 Lab File: BF119711.D
 Acq: 3 Apr 2020 11:37

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.3	50.6	75.8
111	43.5	36.1	54.1





#15

Benzyl Alcohol

Concen: 42.107 ng

RT: 6.95 min Scan# 827

Delta R.T. -0.01 min

Lab File: BF119711.D

Acq: 3 Apr 2020 11:37

Tot Ion:	79	Resp:	603658
Ion Ratio	Lower	Upper	
79	100		
108	78.9	60.6	90.8
77	61.8	50.2	75.2

Instrument :

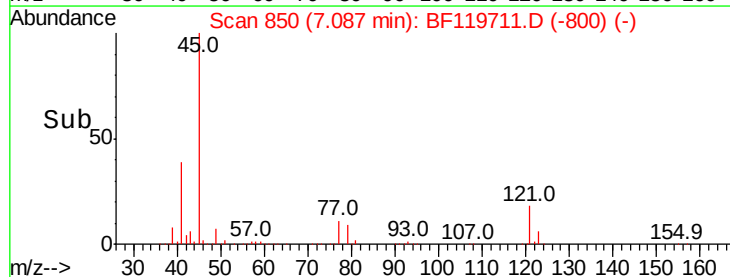
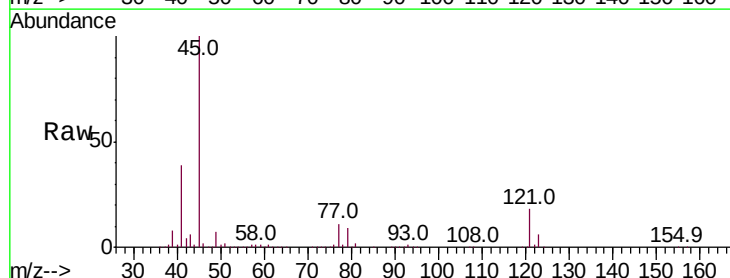
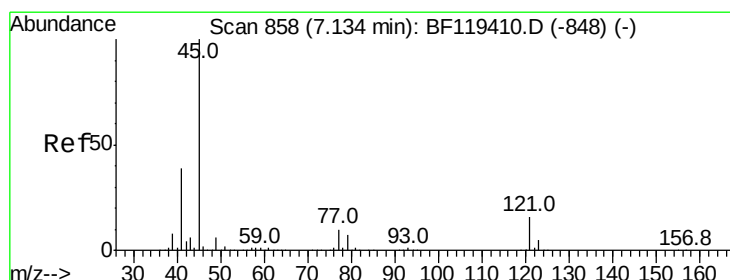
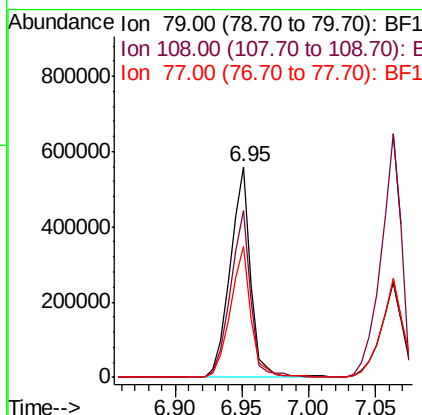
BNA_F

ClientSampleId :

PB127859BSD

Manual Integrations
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#16

2,2'-oxybis(1-Chloropropane)

Concen: 36.824 ng

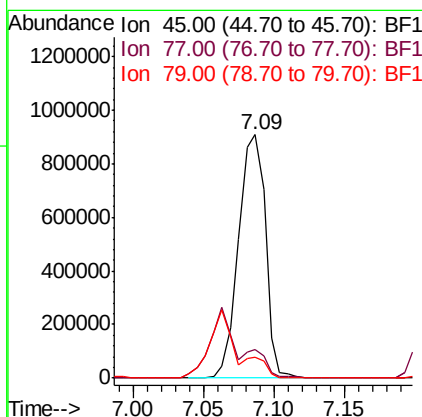
RT: 7.09 min Scan# 850

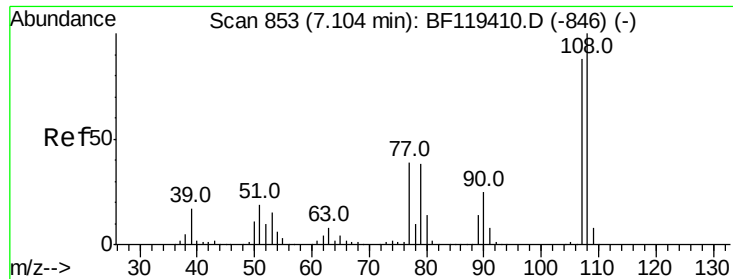
Delta R.T. -0.01 min

Lab File: BF119711.D

Acq: 3 Apr 2020 11:37

Tgt Ion:	45	Resp:	1208089
Ion Ratio	Lower	Upper	
45	100		
77	11.5	0.0	30.7
79	8.8	0.0	28.2





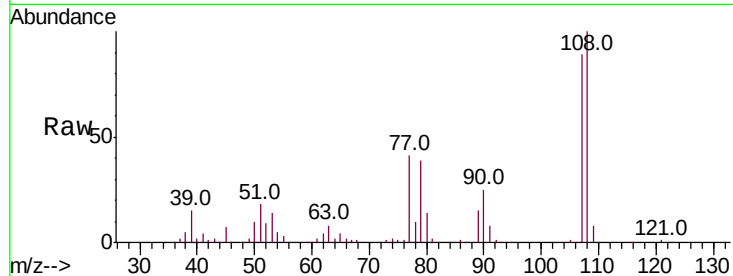
#17
2-Methylphenol
Concen: 41.199 ng
RT: 7.06 min Scan# 846
Delta R.T. -0.01 min
Lab File: BF119711.D
Acq: 3 Apr 2020 11:37

Instrument :
BNA_F
ClientSampleId :
PB127859BSD

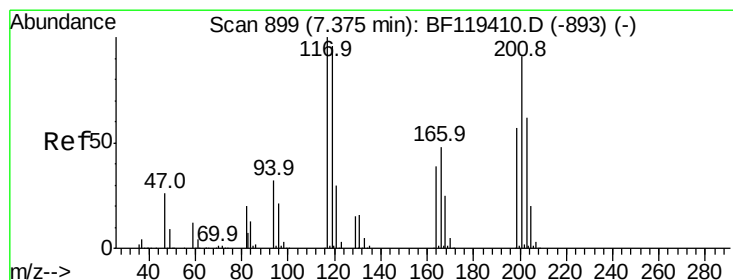
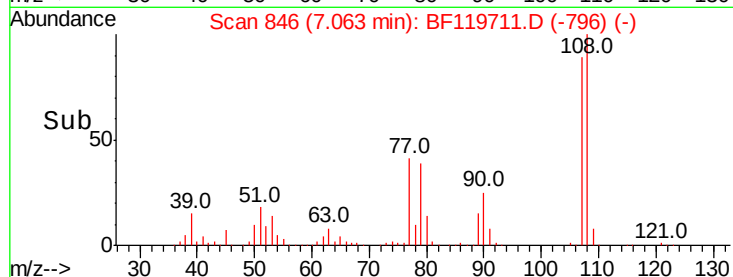
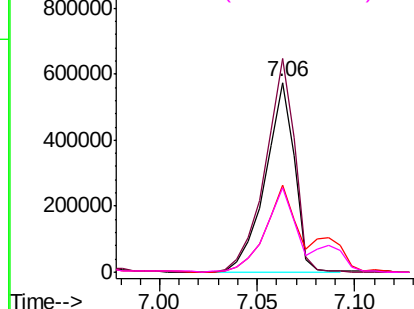
Tot Ion:	107	Resp:	591497
Ion Ratio	Lower	Upper	
107	100		
108	112.4	92.2	138.4
77	45.6	36.6	54.8
79	44.1	36.2	54.4

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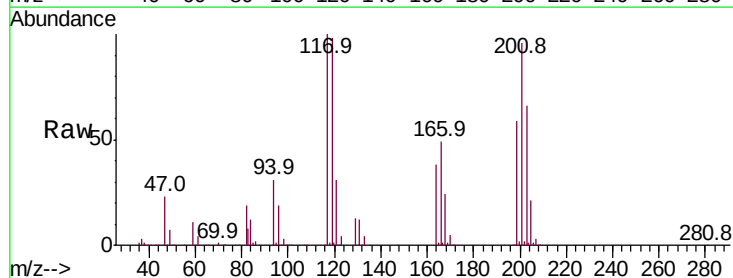


Abundance Ion 107.00 (106.70 to 107.70): E
1000000 Ion 108.00 (107.70 to 108.70): E
800000 Ion 77.00 (76.70 to 77.70): BF1
600000 Ion 79.00 (78.70 to 79.70): BF1
400000
200000
0

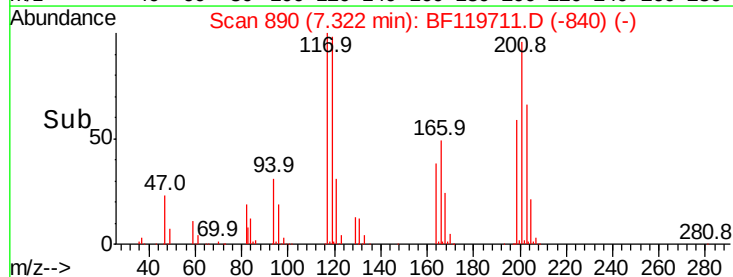
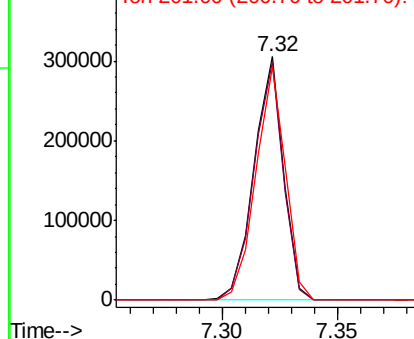


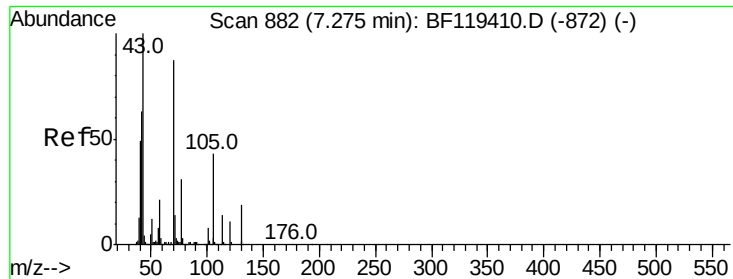
#18
Hexachloroethane
Concen: 43.849 ng
RT: 7.32 min Scan# 890
Delta R.T. -0.01 min
Lab File: BF119711.D
Acq: 3 Apr 2020 11:37

Tgt Ion:	117	Resp:	272597
Ion Ratio	Lower	Upper	
117	100		
119	98.2	76.1	114.1
201	95.8	73.0	109.6



Abundance Ion 117.00 (116.70 to 117.70): E
400000 Ion 119.00 (118.70 to 119.70): E
300000 Ion 201.00 (200.70 to 201.70): E
200000
100000
0





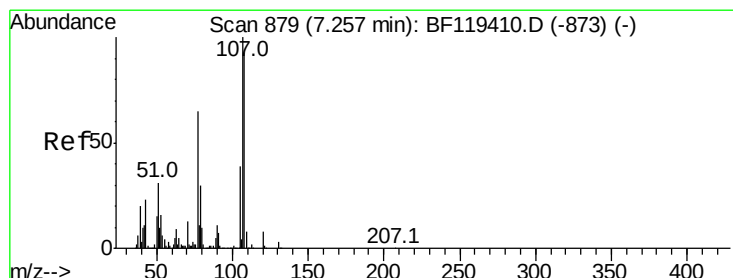
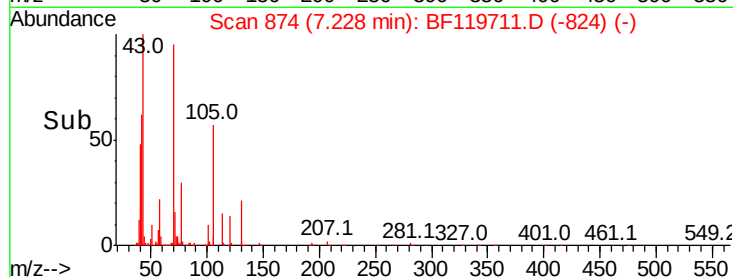
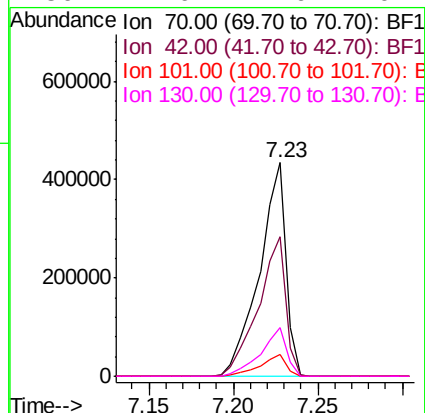
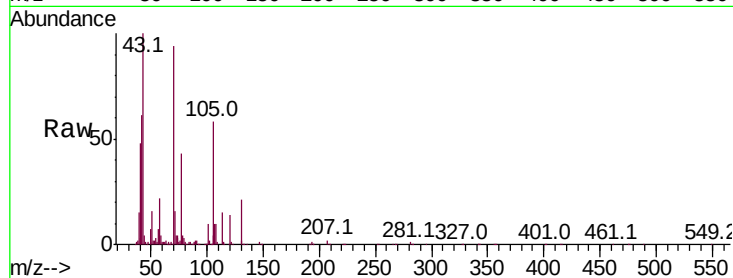
#19
n-Nitroso-di-n-propylamine
Concen: 41.479 ng
RT: 7.23 min Scan# 874
Delta R.T. -0.01 min
Lab File: BF119711.D
Acq: 3 Apr 2020 11:37

Instrument :
BNA_F
ClientSampleId :
PB127859BSD

Tot Ion	Ratio	Lower	Upper
70	100		
42	65.3	54.5	81.7
101	10.3	7.6	11.4
130	22.6	17.6	26.4

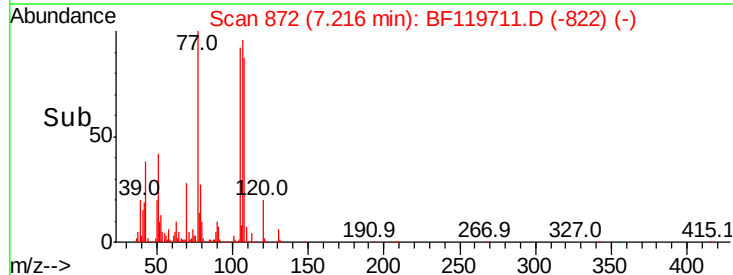
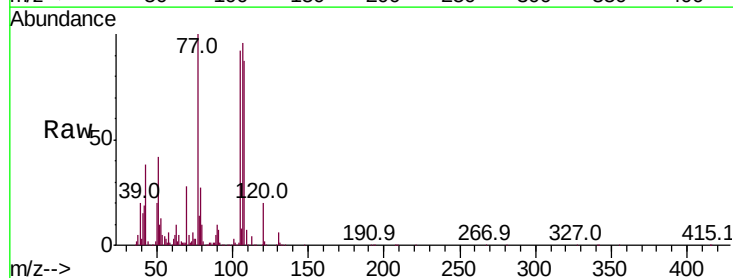
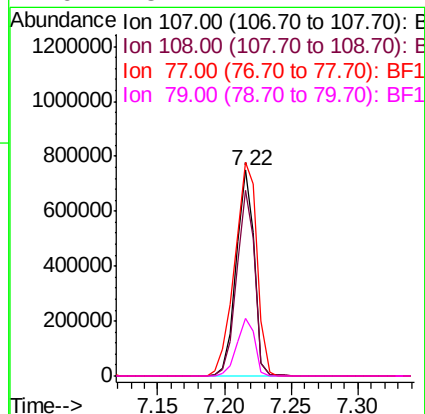
Manual Integrations
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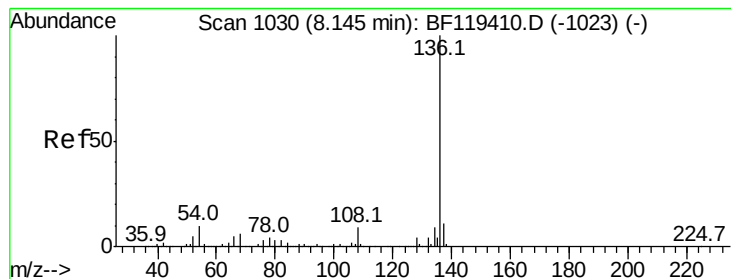
mohammad
4/6/2020 1:38:39 PM



#20
3+4-Methylphenols
Concen: 40.367 ng
RT: 7.22 min Scan# 872
Delta R.T. -0.01 min
Lab File: BF119711.D
Acq: 3 Apr 2020 11:37

Tgt Ion	Ratio	Lower	Upper
107	100		
108	90.4	67.9	107.9
77	103.9	52.9	92.9
79	28.2	7.7	47.7





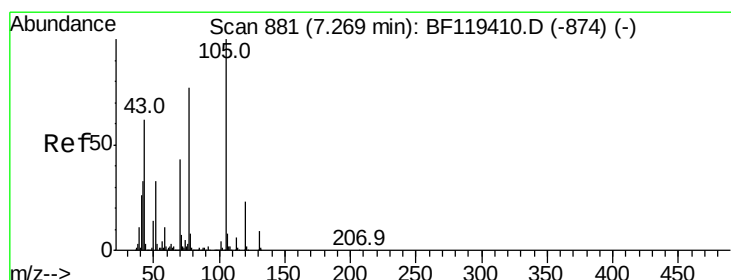
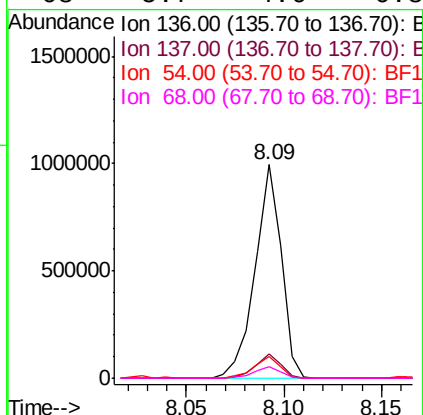
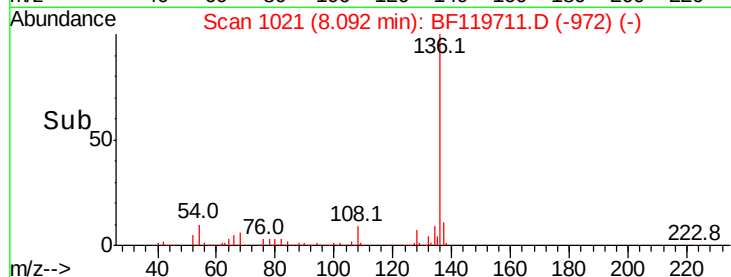
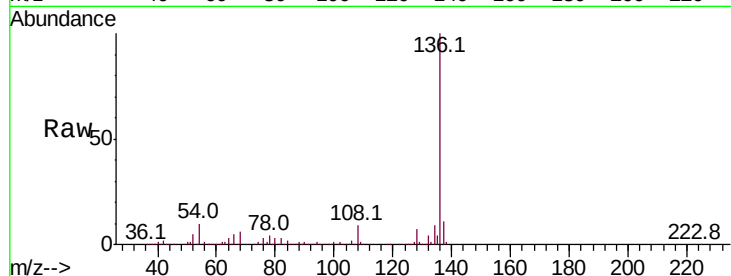
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BF119711.D
Acq: 3 Apr 2020 11:37

Instrument :
BNA_F
ClientSampleId :
PB127859BSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.3	8.7	13.1	
54	10.3	9.1	13.7	
68	5.7	4.6	6.8	

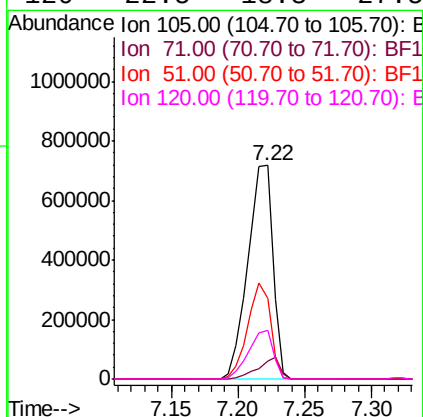
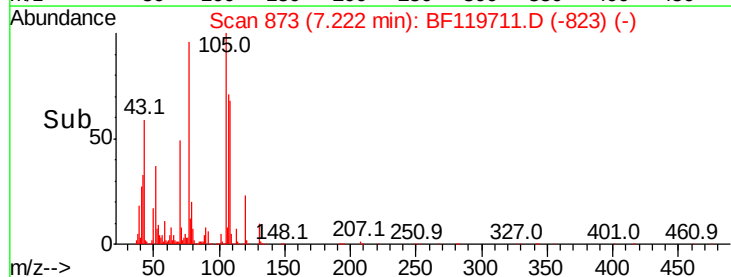
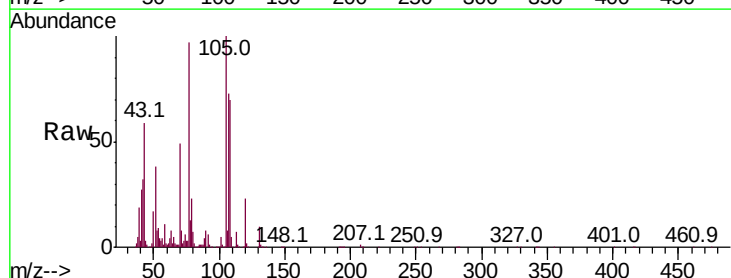
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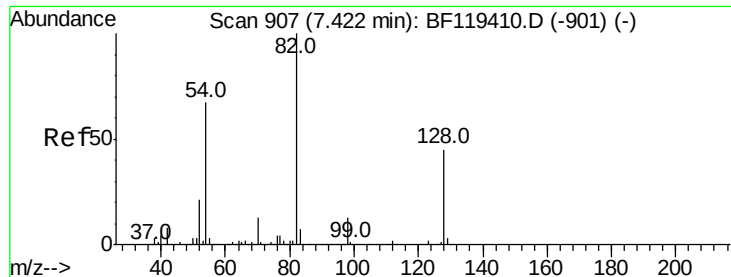
mohammad
4/6/2020 1:38:39 PM



#22
Acetophenone
Concen: 41.560 ng
RT: 7.22 min Scan# 873
Delta R.T. -0.01 min
Lab File: BF119711.D
Acq: 3 Apr 2020 11:37

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	8.1	5.7	8.5	
51	37.6	26.2	39.4	
120	22.5	18.3	27.5	





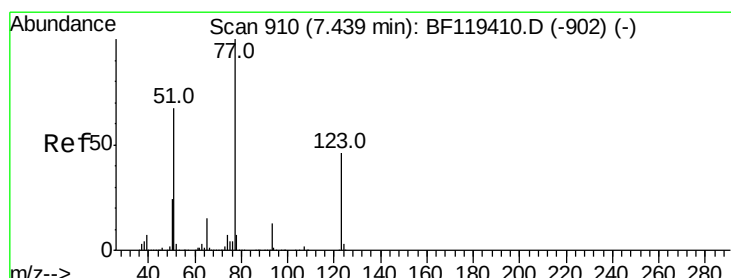
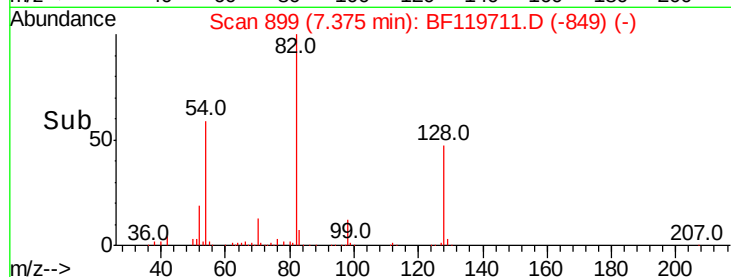
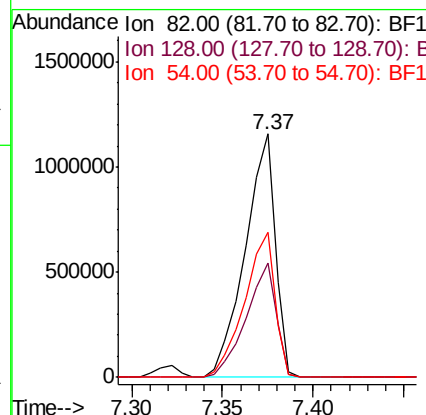
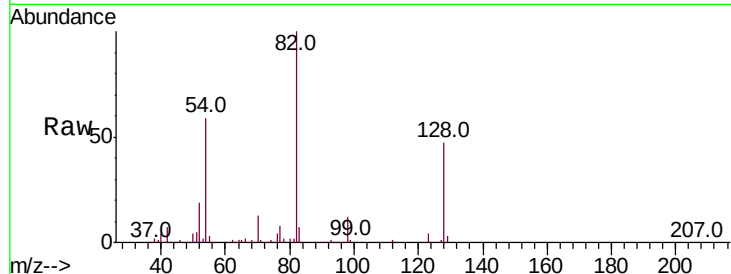
#23
 Nitrobenzene-d5
 Concen: 78.151 ng
 RT: 7.37 min Scan# 899
 Delta R.T. -0.01 min
 Lab File: BF119711.D
 Acq: 3 Apr 2020 11:37

Instrument :
 BNA_F
 ClientSampleId :
 PB127859BSD

Tot Ion: 82 Resp: 1337413
 Ion Ratio Lower Upper
 82 100
 128 46.9 36.3 54.5
 54 59.4 50.6 75.8

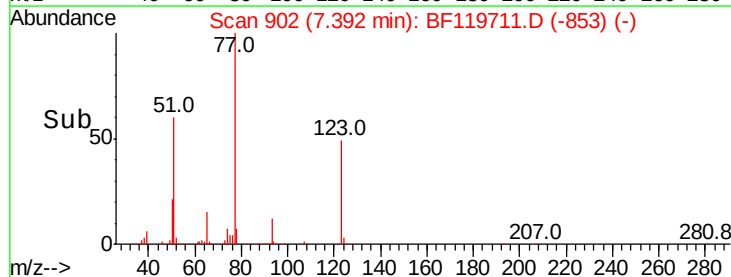
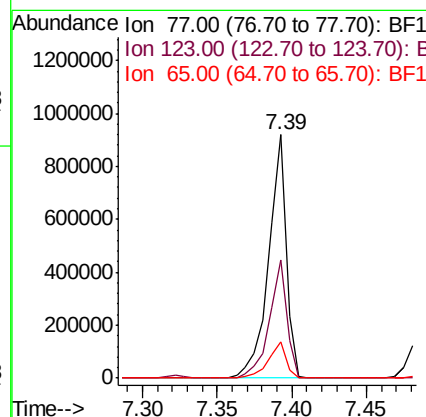
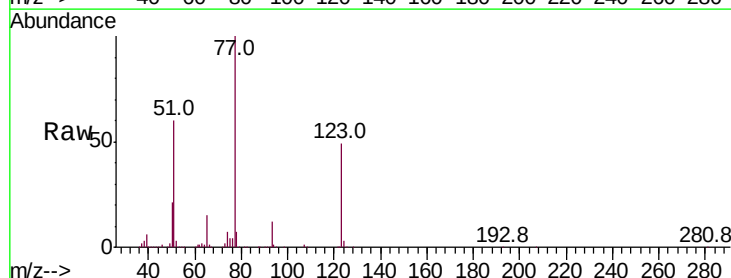
Manual Integrations
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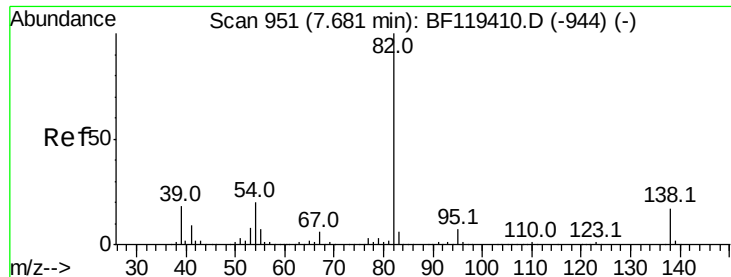
mohammad
 4/6/2020 1:38:39 PM



#24
 Nitrobenzene
 Concen: 40.830 ng
 RT: 7.39 min Scan# 902
 Delta R.T. -0.01 min
 Lab File: BF119711.D
 Acq: 3 Apr 2020 11:37

Tgt Ion: 77 Resp: 746726
 Ion Ratio Lower Upper
 77 100
 123 48.6 38.0 57.0
 65 14.7 12.6 18.8





#25

Isophorone

Concen: 39.086 ng

RT: 7.63 min Scan# 943

Delta R.T. -0.01 min

Lab File: BF119711.D

Acq: 3 Apr 2020 11:37

Instrument :

BNA_F

ClientSampleId :

PB127859BSD

Tot Ion: 82 Resp: 1356850

Ion Ratio Lower Upper

82 100

95 6.7 5.8 8.6

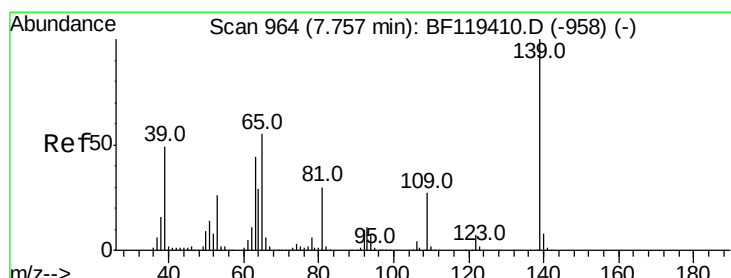
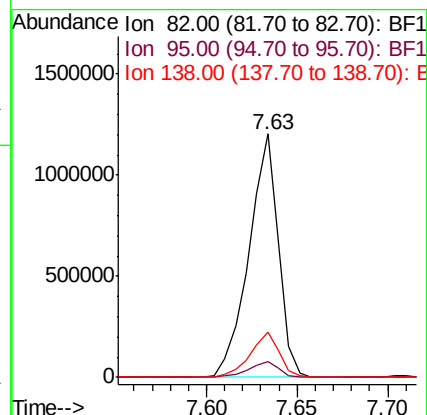
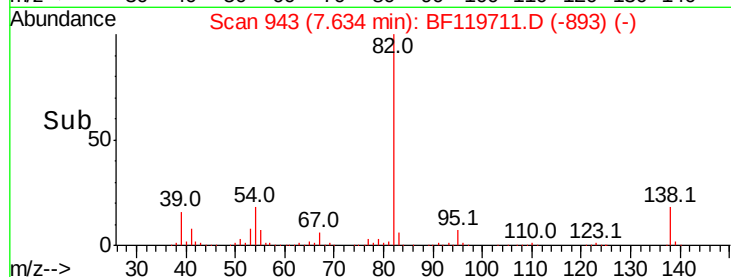
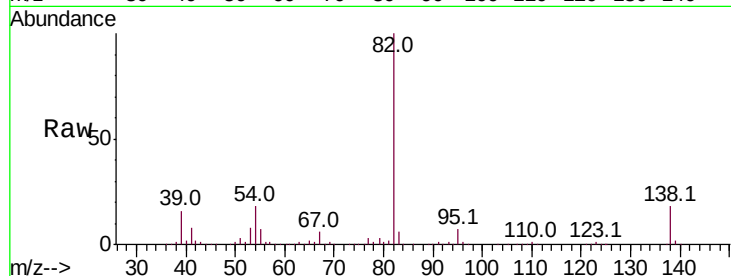
138 18.3 14.6 21.8

Manual Integrations

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mohammad

4/6/2020 1:38:39 PM



#26

2-Nitrophenol

Concen: 54.379 ng

RT: 7.71 min Scan# 956

Delta R.T. -0.01 min

Lab File: BF119711.D

Acq: 3 Apr 2020 11:37

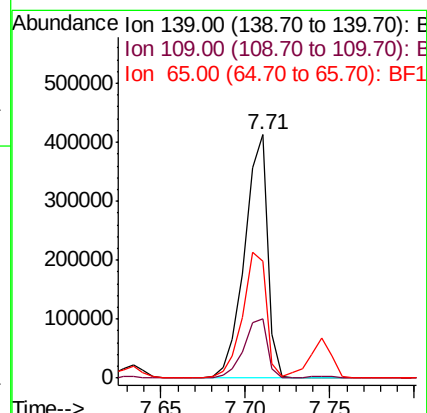
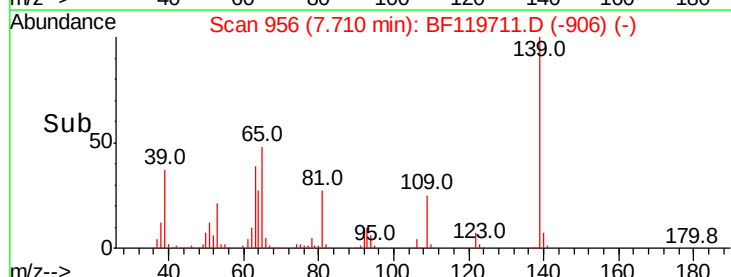
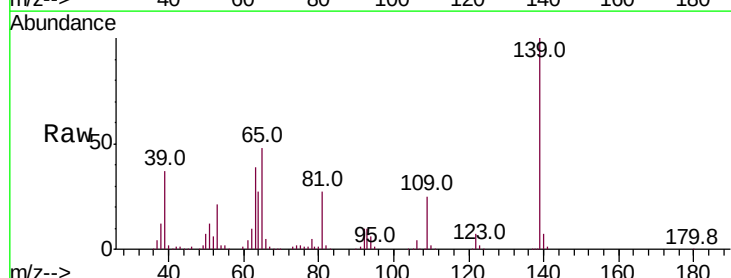
Tgt Ion:139 Resp: 391584

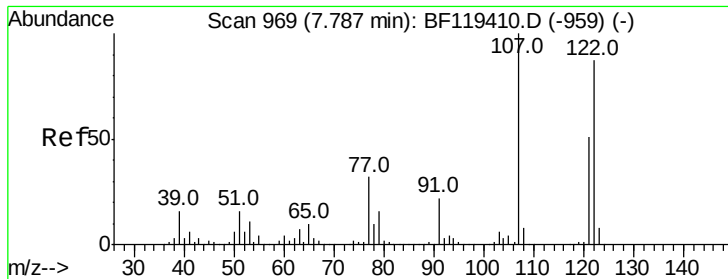
Ion Ratio Lower Upper

139 100

109 24.6 22.1 33.1

65 47.8 49.2 73.8#





#27

2,4-Dimethylphenol

Concen: 41.814 ng

RT: 7.75 min Scan# 962

Delta R.T. -0.01 min

Lab File: BF119711.D

Acq: 3 Apr 2020 11:37

Instrument :

BNA_F

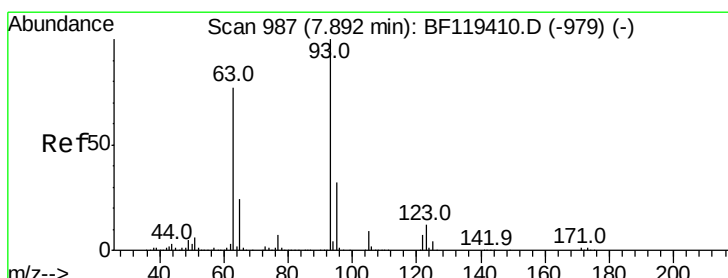
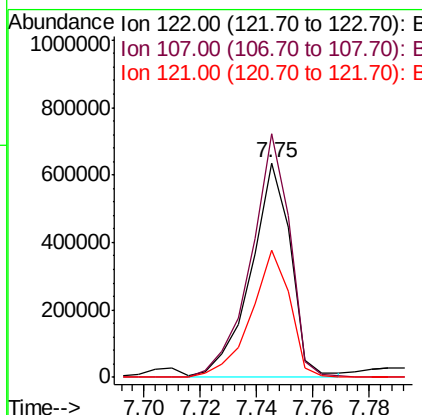
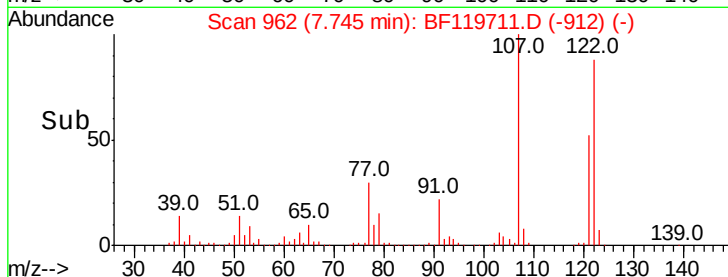
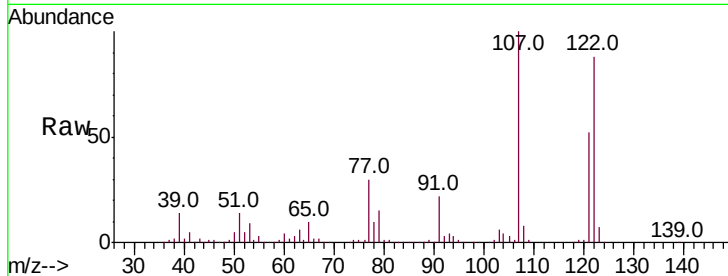
ClientSampleId :

PB127859BSD

Tot Ion:	122	Resp:	622599
Ion Ratio	Lower	Upper	
122	100		
107	113.4	89.0	133.6
121	59.3	46.7	70.1

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#28

bis(2-Chloroethoxy)methane

Concen: 41.963 ng

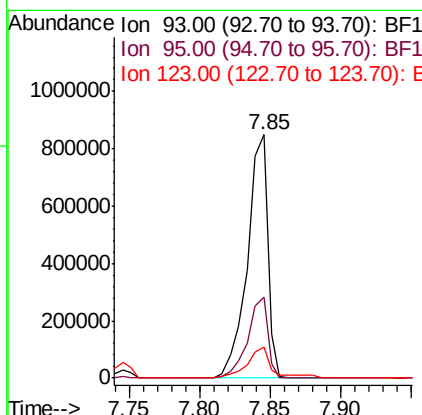
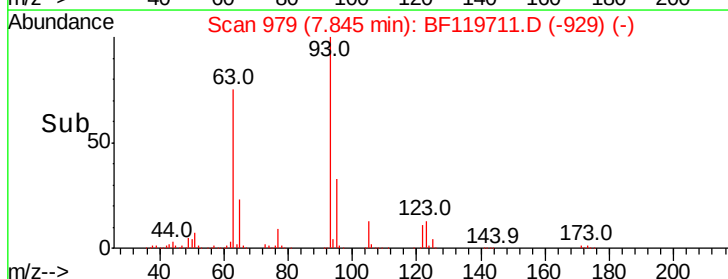
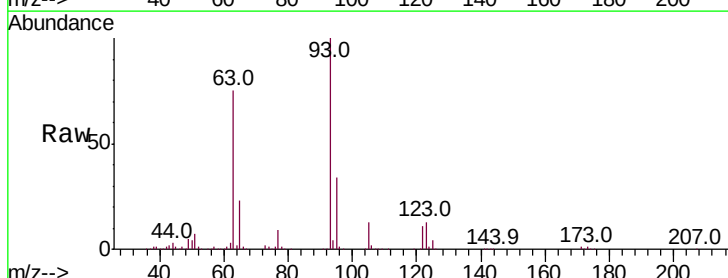
RT: 7.85 min Scan# 979

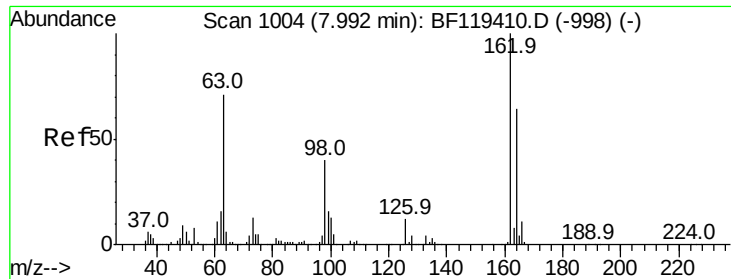
Delta R.T. -0.01 min

Lab File: BF119711.D

Acq: 3 Apr 2020 11:37

Tgt Ion:	93	Resp:	861417
Ion Ratio	Lower	Upper	
93	100		
95	33.5	26.3	39.5
123	12.8	9.7	14.5





#29

2,4-Dichlorophenol

Concen: 43.415 ng

RT: 7.95 min Scan# 997

Delta R.T. -0.01 min

Lab File: BF119711.D

Acq: 3 Apr 2020 11:37

Instrument :

BNA_F

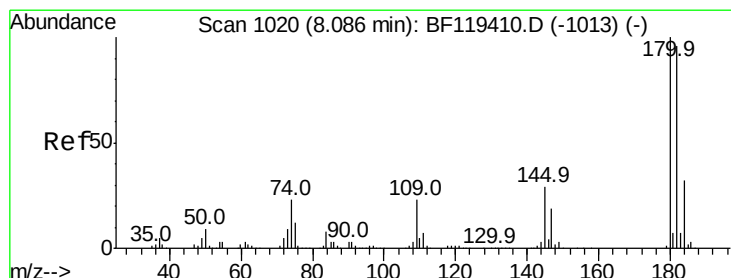
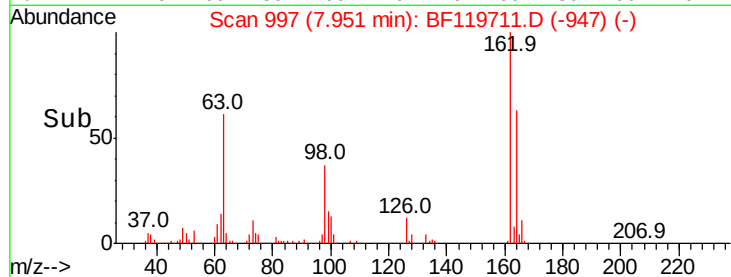
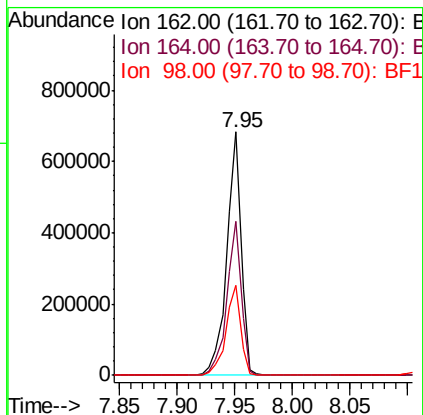
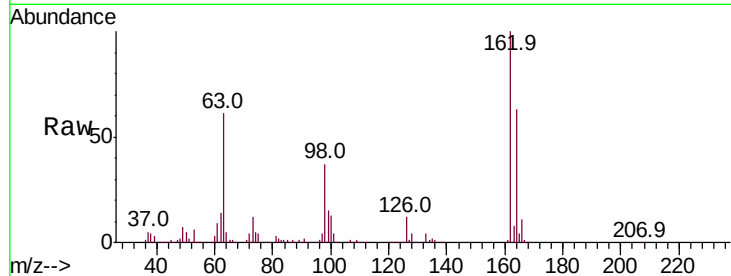
ClientSampleId :

PB127859BSD

Tot Ion:	162	Resp:	593974
Ion Ratio	Lower	Upper	
162	100		
164	63.2	44.7	84.7
98	37.2	20.7	60.7

Manual Integrations
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#30

1,2,4-Trichlorobenzene

Concen: 41.689 ng

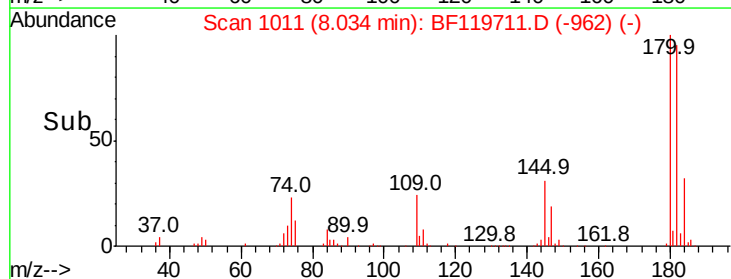
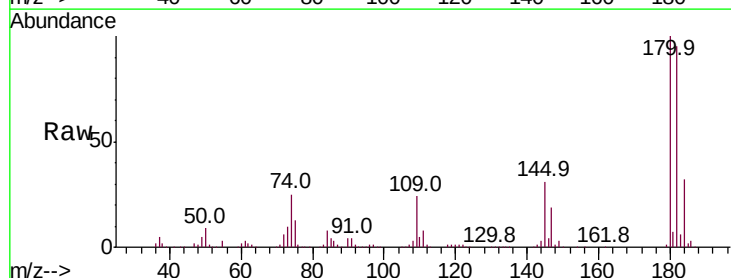
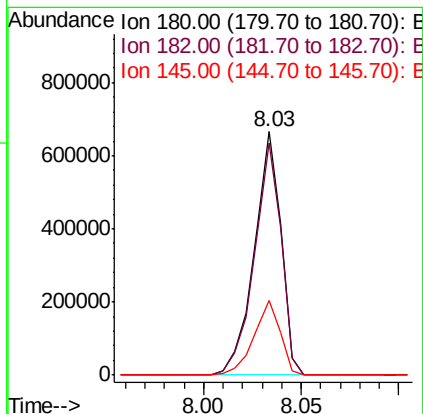
RT: 8.03 min Scan# 1011

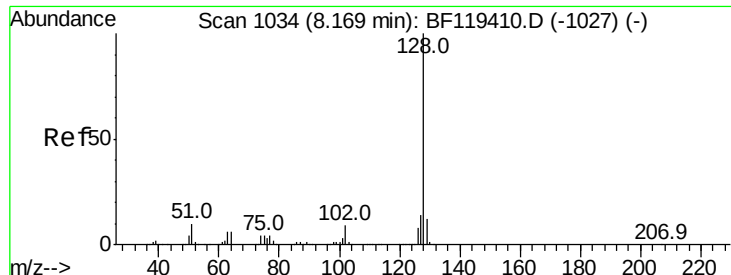
Delta R.T. -0.01 min

Lab File: BF119711.D

Acq: 3 Apr 2020 11:37

Tgt Ion:	180	Resp:	630764
Ion Ratio	Lower	Upper	
180	100		
182	95.2	74.7	112.1
145	30.5	24.5	36.7





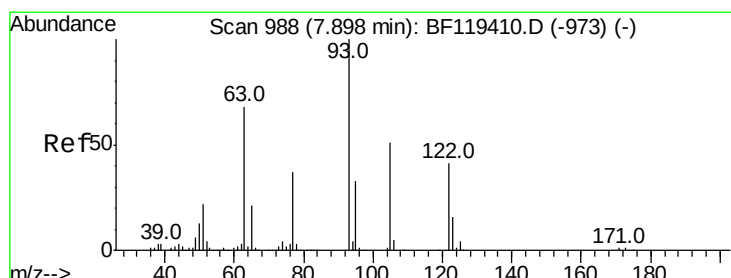
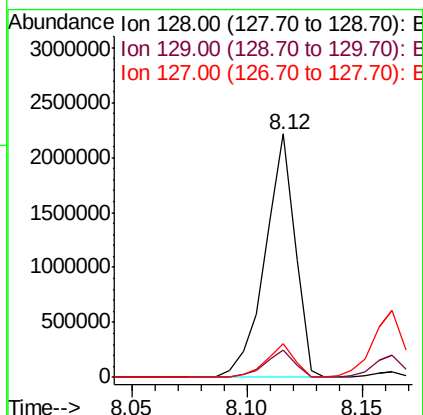
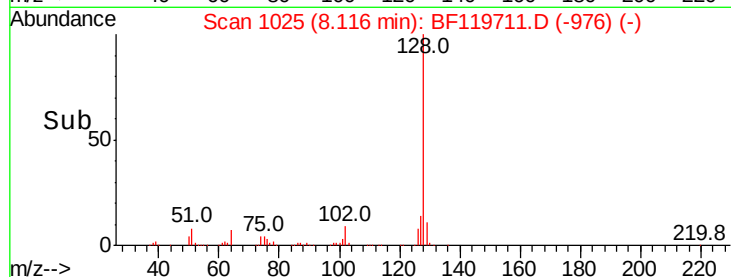
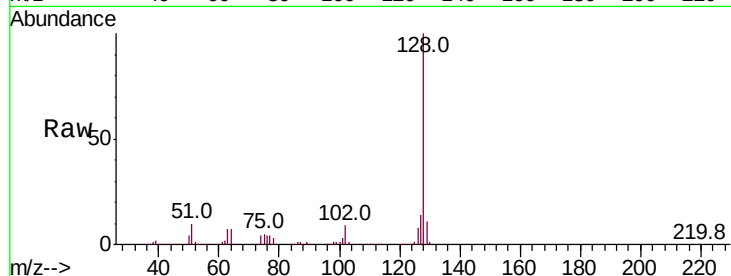
#31
Naphthalene
Concen: 41.935 ng
RT: 8.12 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BF119711.D
Acq: 3 Apr 2020 11:37

Instrument :
BNA_F
ClientSampleId :
PB127859BSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.4	9.5	14.3
127	13.9	11.3	16.9

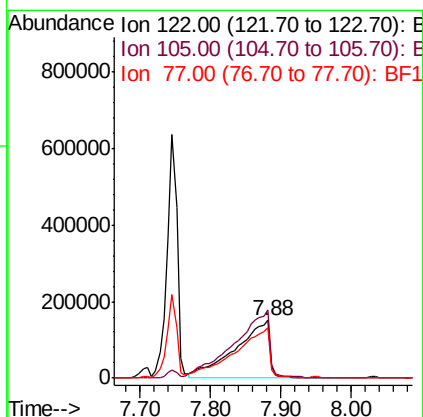
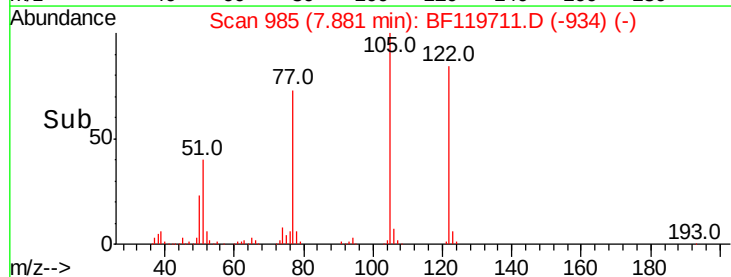
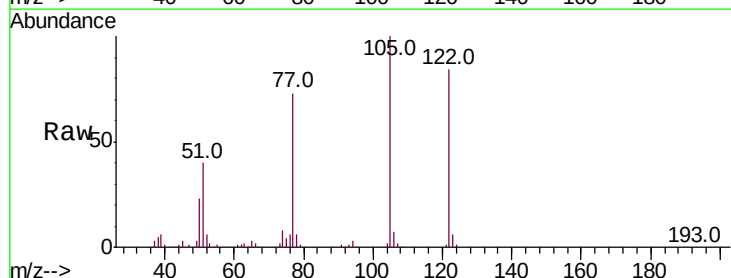
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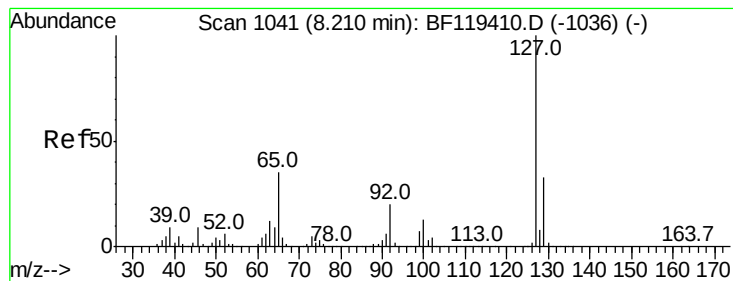
mohammad
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#32
Benzoic acid
Concen: 53.464 ng
RT: 7.88 min Scan# 985
Delta R.T. 0.00 min
Lab File: BF119711.D
Acq: 3 Apr 2020 11:37

Tgt Ion	Ratio	Lower	Upper
122	100		
105	118.5	104.9	144.9
77	86.7	74.4	114.4





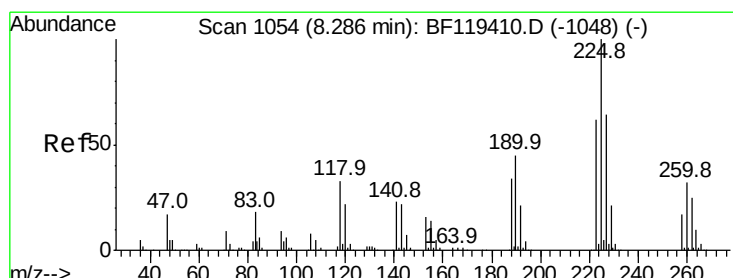
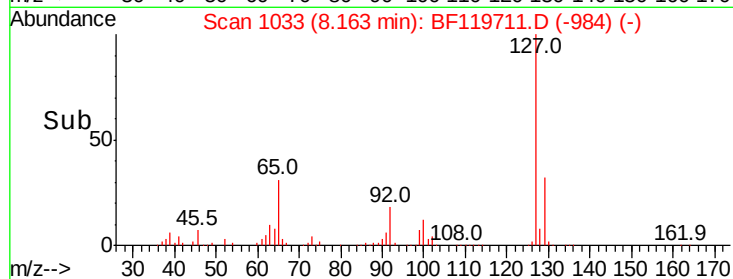
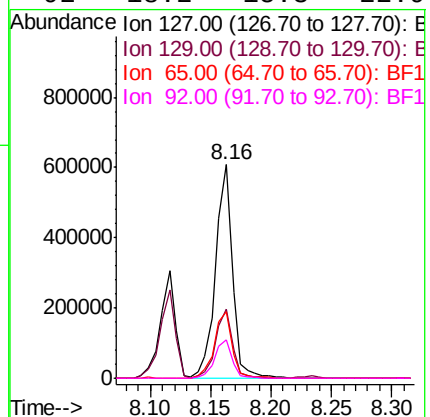
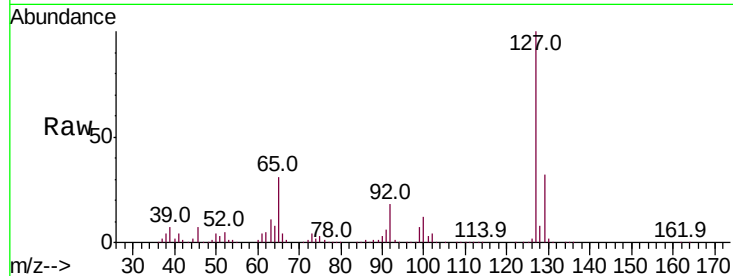
#33
 4-Chloroaniline
 Concen: 26.715 ng
 RT: 8.16 min Scan# 1033
 Delta R.T. -0.01 min
 Lab File: BF119711.D
 Acq: 3 Apr 2020 11:37

Instrument :
 BNA_F
 ClientSampleId :
 PB127859BSD

Tot Ion	Ratio	Resp Lower	Upper
127	100		
129	32.3	26.2	39.4
65	31.5	27.4	41.0
92	18.2	15.3	22.9

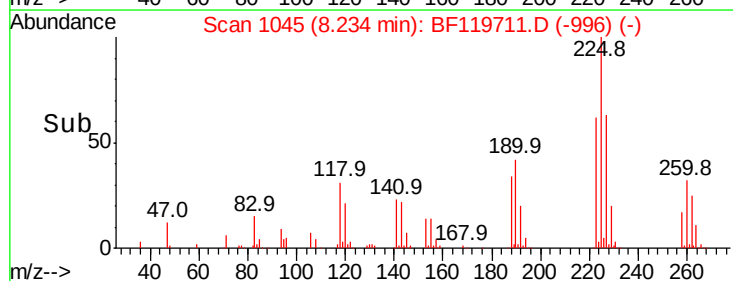
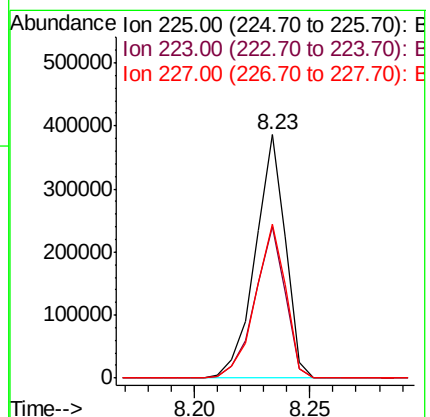
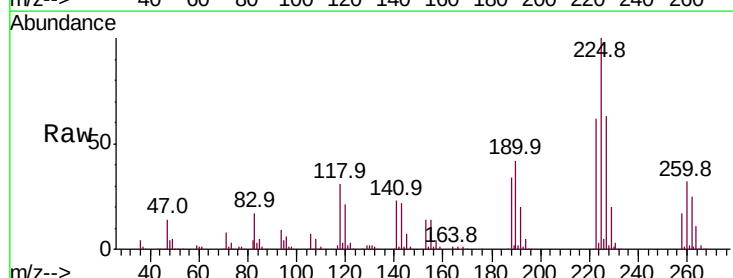
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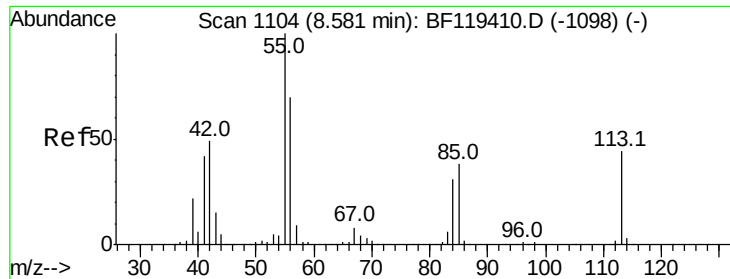
mohammad
 4/6/2020 1:38:39 PM



#34
 Hexachlorobutadiene
 Concen: 41.371 ng
 RT: 8.23 min Scan# 1045
 Delta R.T. -0.01 min
 Lab File: BF119711.D
 Acq: 3 Apr 2020 11:37

Tgt Ion	Ratio	Resp Lower	Upper
225	100		
223	62.4	51.0	76.6
227	63.0	50.7	76.1





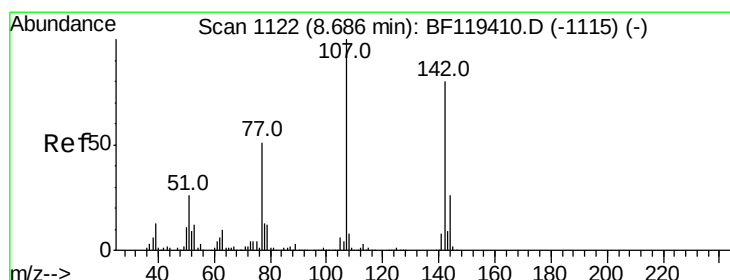
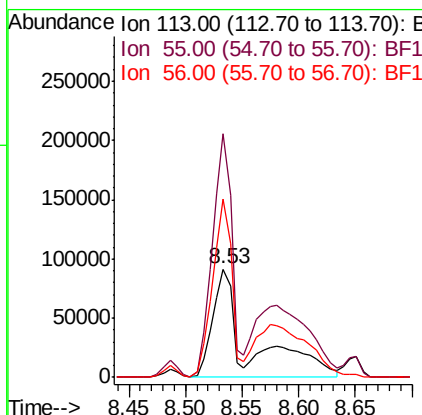
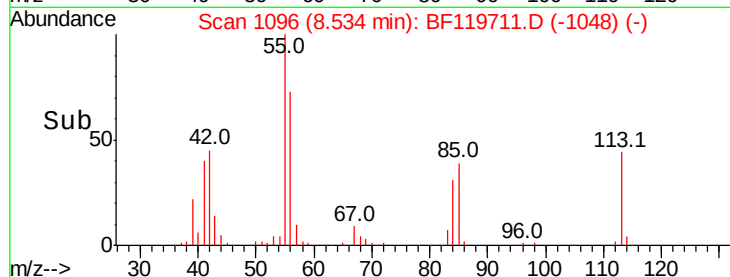
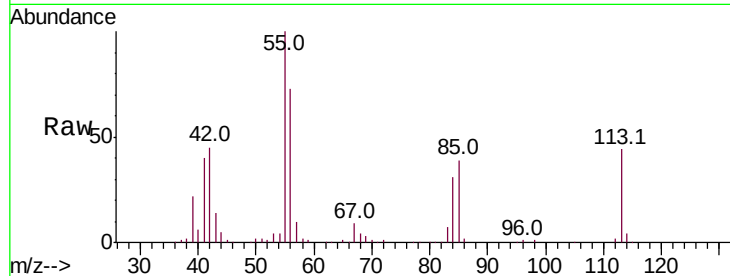
#35
 Caprolactam
 Concen: 44.658 ng/ml
 RT: 8.53 min Scan# 1096
 Delta R.T. -0.02 min
 Lab File: BF119711.D
 Acq: 3 Apr 2020 11:37

Instrument :
 BNA_F
 ClientSampleID :
 PB127859BSD

Tot Ion	Ratio	Lower	Upper
113	100		
55	225.4	218.4	258.4
56	164.6	148.9	188.9

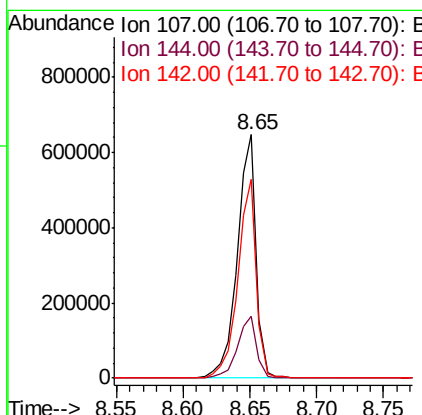
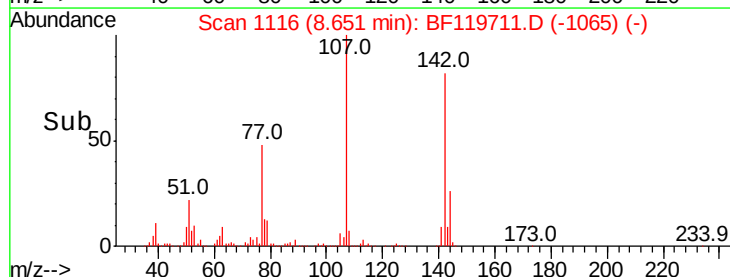
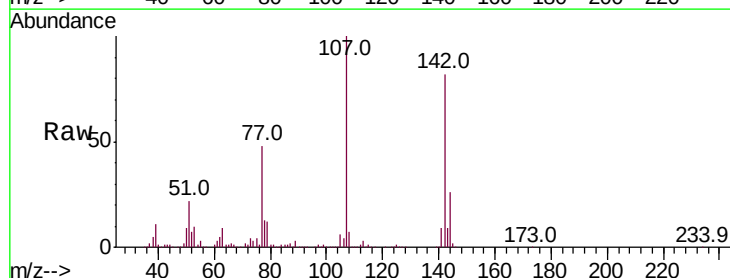
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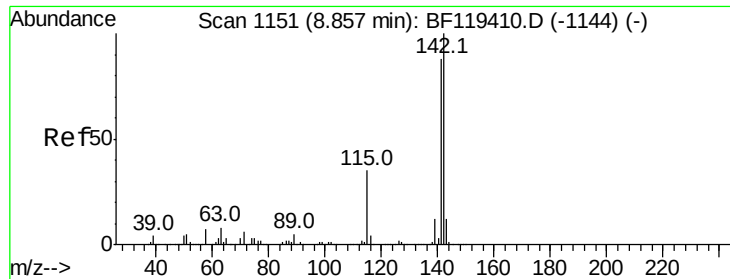
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#36
 4-Chloro-3-methylphenol
 Concen: 42.727 ng/ml
 RT: 8.65 min Scan# 1116
 Delta R.T. 0.00 min
 Lab File: BF119711.D
 Acq: 3 Apr 2020 11:37

Tgt Ion	Ratio	Lower	Upper
107	100		
144	25.6	21.0	31.6
142	81.7	64.4	96.6





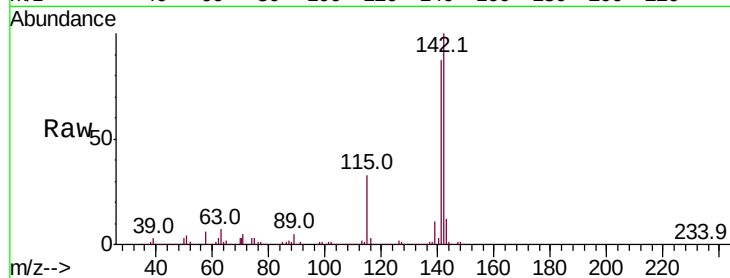
#37
2-Methylnaphthalene
Concen: 43.118 ng
RT: 8.81 min Scan# 1143
Delta R.T. -0.01 min
Lab File: BF119711.D
Acq: 3 Apr 2020 11:37

Instrument :
BNA_F
ClientSampleId :
PB127859BSD

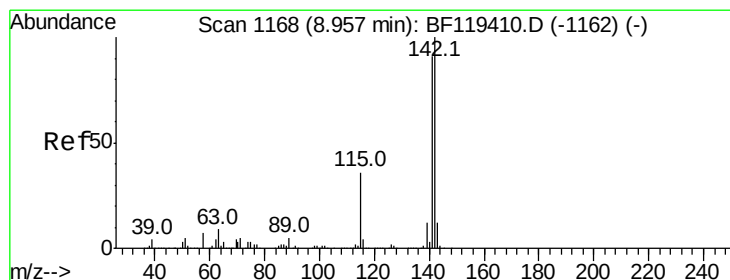
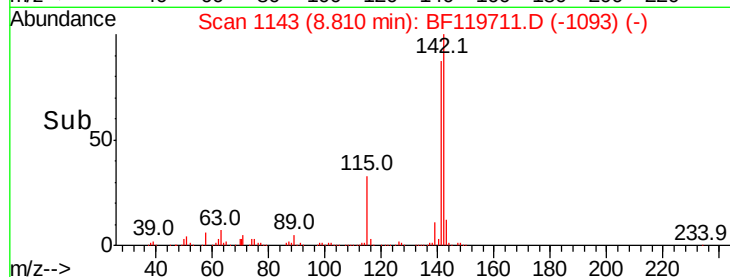
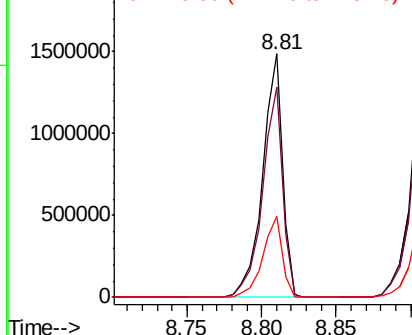
Tot Ion:142 Resp: 1354407
Ion Ratio Lower Upper
142 100
141 86.6 71.7 107.5
115 33.2 27.9 41.9

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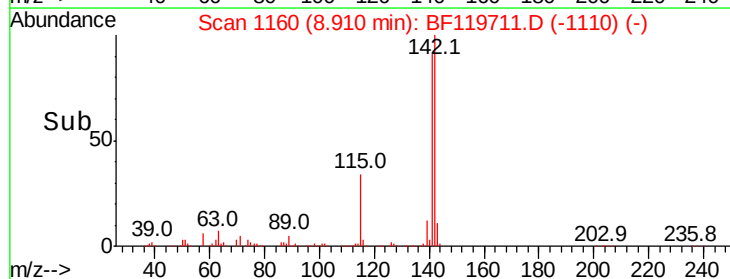
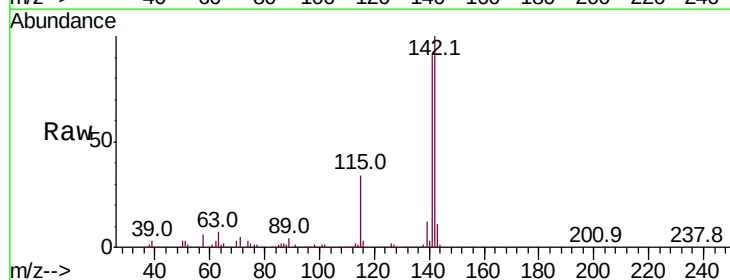
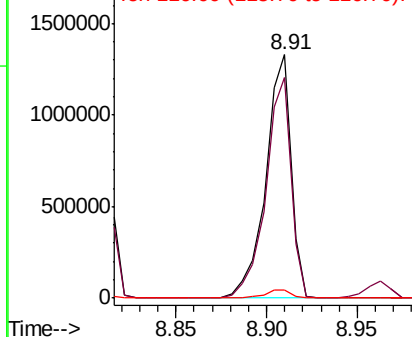
Abundance Ion 142.00 (141.70 to 142.70): E
2000000 Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

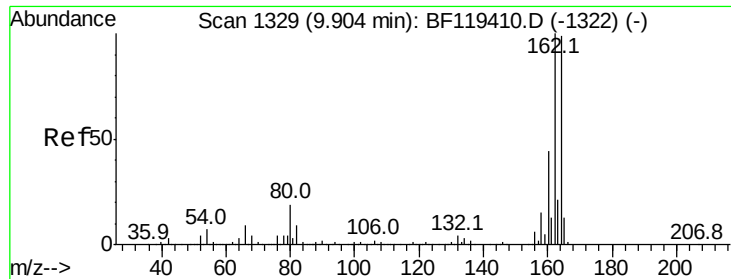


#38
1-Methylnaphthalene
Concen: 43.409 ng
RT: 8.91 min Scan# 1160
Delta R.T. -0.01 min
Lab File: BF119711.D
Acq: 3 Apr 2020 11:37

Tgt Ion:142 Resp: 1290631
Ion Ratio Lower Upper
142 100
141 90.6 73.7 110.5
116 3.3 3.0 4.6

Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E





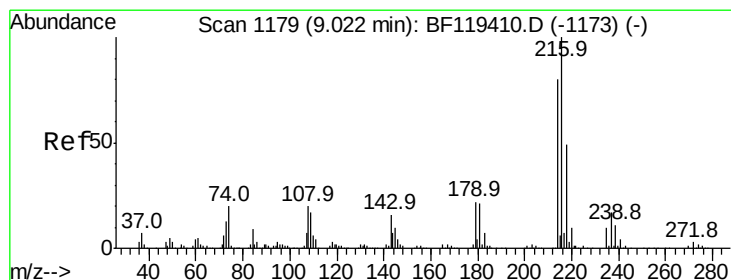
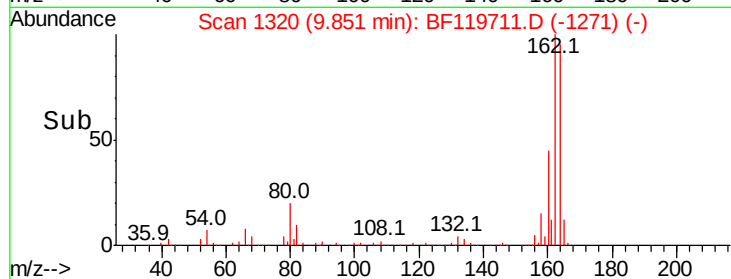
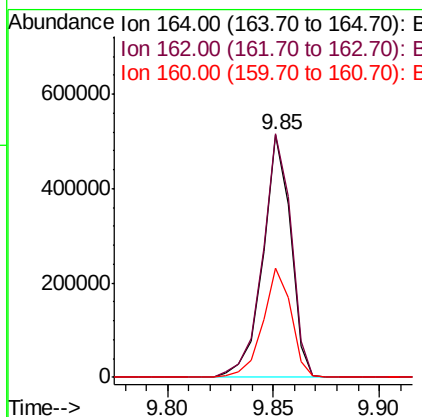
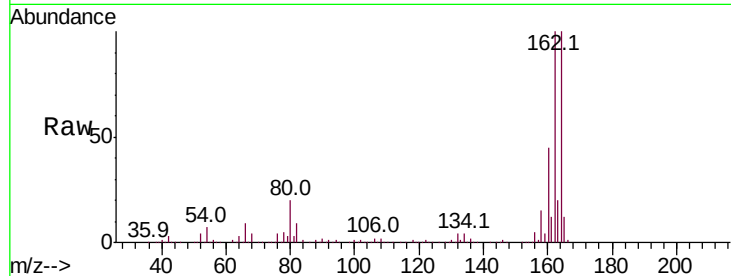
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.85 min Scan# 1320
 Delta R.T. -0.01 min
 Lab File: BF119711.D
 Acq: 3 Apr 2020 11:37

Instrument :
 BNA_F
 ClientSampleId :
 PB127859BSD

Tot Ion	Ratio	Lower	Upper
164	100		
162	100.3	80.6	121.0
160	44.8	35.7	53.5

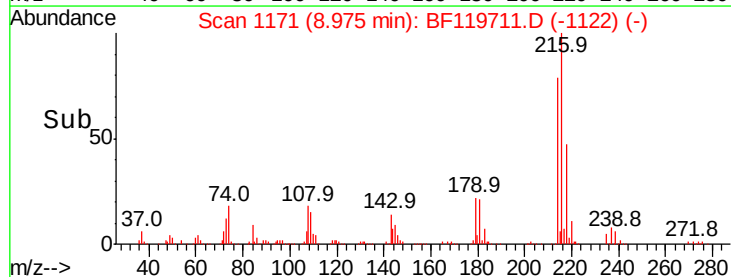
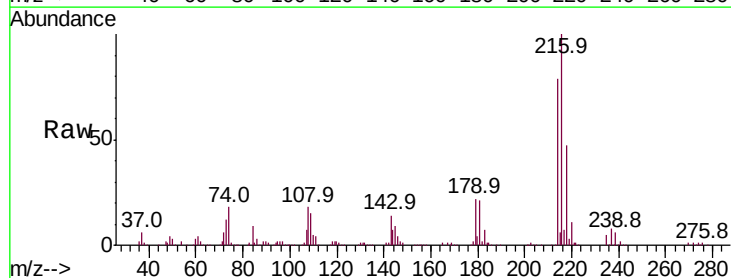
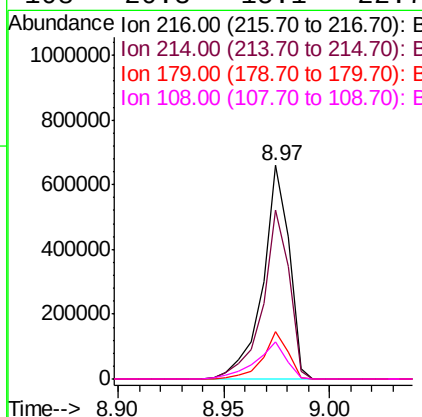
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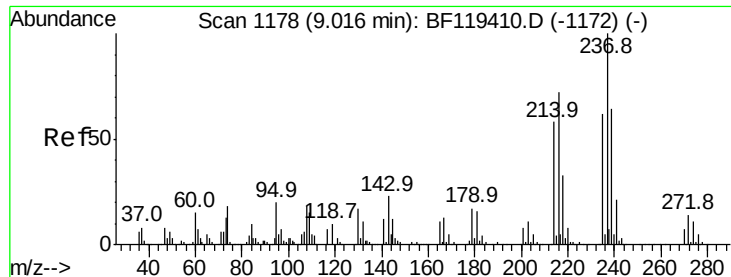
mohammad
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#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 41.690 ng
 RT: 8.97 min Scan# 1171
 Delta R.T. -0.01 min
 Lab File: BF119711.D
 Acq: 3 Apr 2020 11:37

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.7	63.2	94.8
179	21.1	17.1	25.7
108	20.3	15.1	22.7





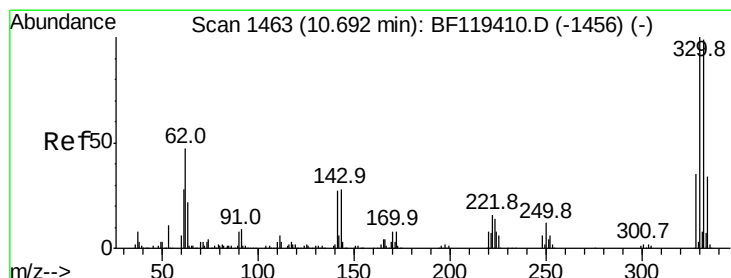
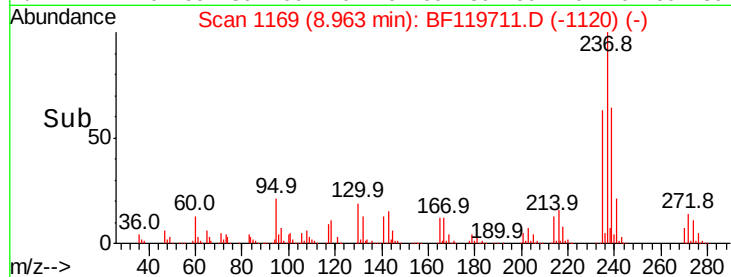
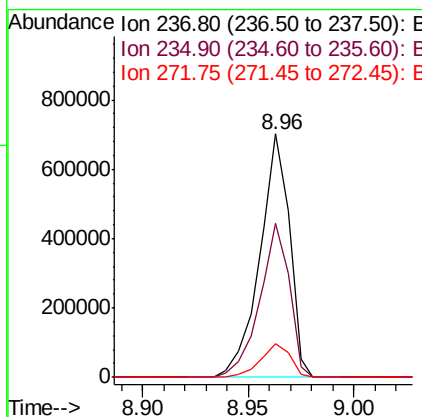
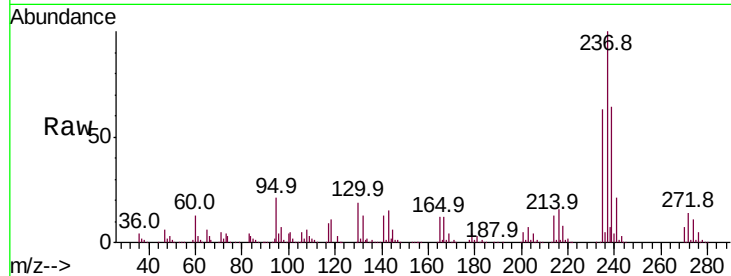
#41
 Hexachlorocyclopentadiene
 Concen: 87.649 ng
 RT: 8.96 min Scan# 1169
 Delta R.T. -0.01 min
 Lab File: BF119711.D
 Acq: 3 Apr 2020 11:37

Instrument :
 BNA_F
 ClientSampleId :
 PB127859BSD

Tot Ion:	237	Resp:	687749
Ion Ratio	Lower	Upper	
237	100		
235	63.4	43.2	83.2
272	14.0	0.0	34.1

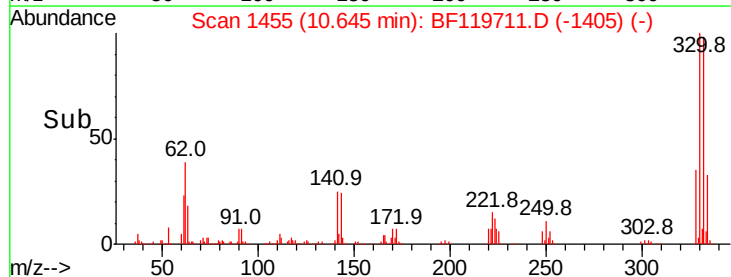
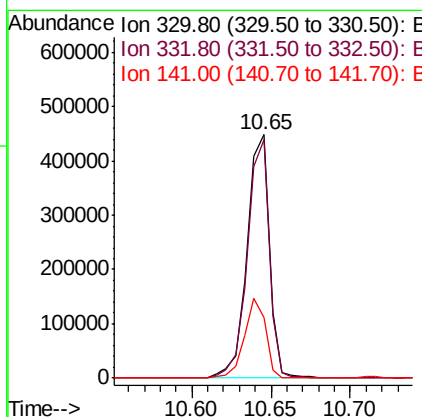
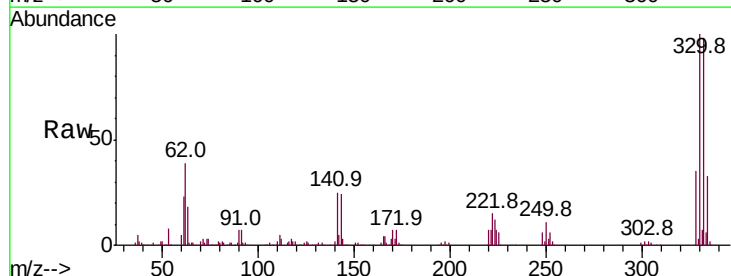
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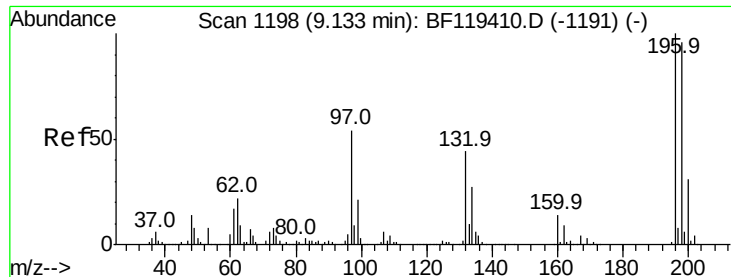
mohammad
 4/6/2020 1:38:39 PM



#42
 2,4,6-Tribromophenol
 Concen: 90.366 ng
 RT: 10.65 min Scan# 1455
 Delta R.T. -0.01 min
 Lab File: BF119711.D
 Acq: 3 Apr 2020 11:37

Tgt Ion:	330	Resp:	438992
Ion Ratio	Lower	Upper	
330	100		
332	96.6	75.7	113.5
141	31.3	25.4	38.0





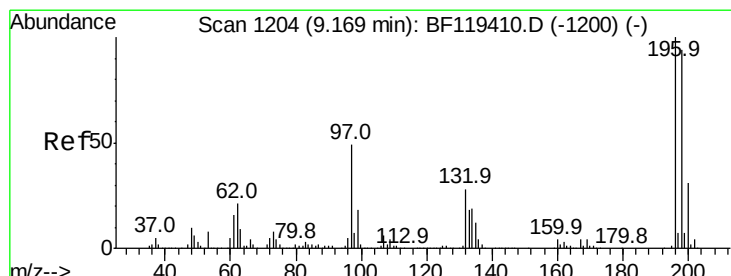
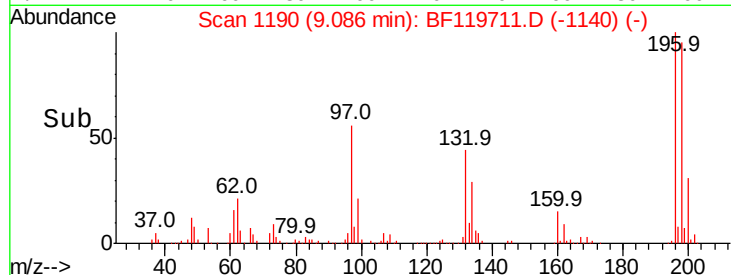
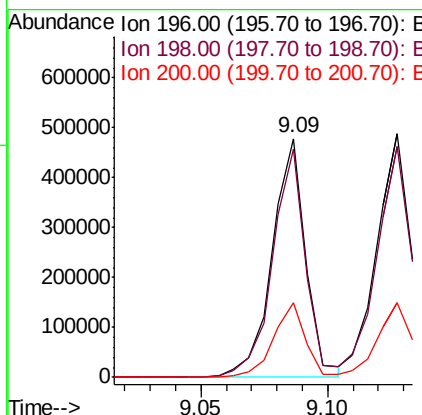
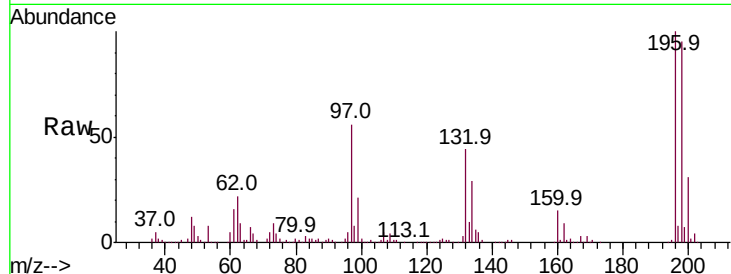
#43
 2,4,6-Trichlorophenol
 Concen: 44.865 ng
 RT: 9.09 min Scan# 1190
 Delta R.T. -0.01 min
 Lab File: BF119711.D
 Acq: 3 Apr 2020 11:37

Instrument :
 BNA_F
 ClientSampleId :
 PB127859BSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	443130		
198	95.5	76.6	115.0	
200	31.1	24.6	36.8	

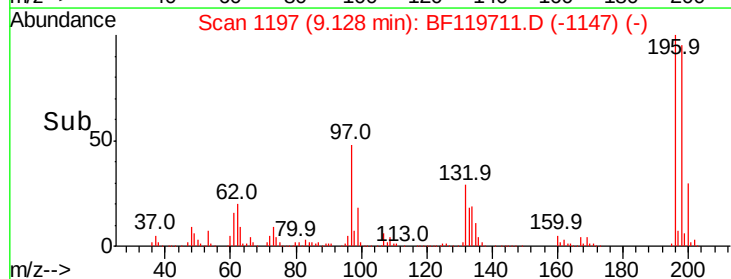
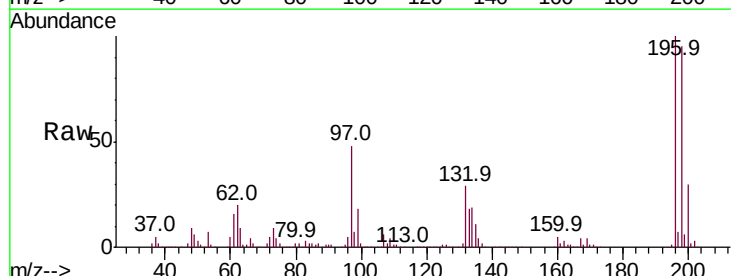
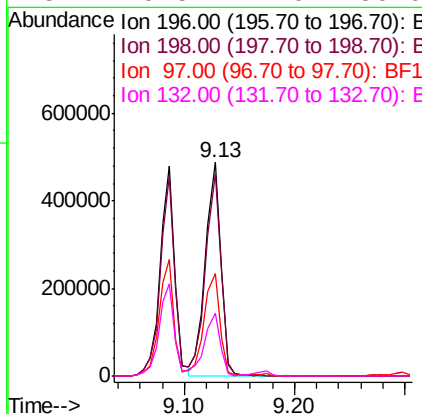
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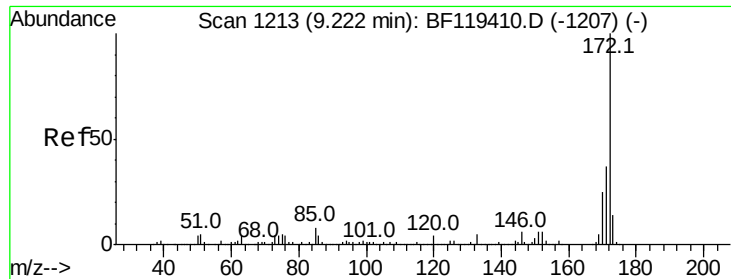
mohammad
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#44
 2,4,5-Trichlorophenol
 Concen: 41.487 ng
 RT: 9.13 min Scan# 1197
 Delta R.T. -0.01 min
 Lab File: BF119711.D
 Acq: 3 Apr 2020 11:37

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	459033		
198	94.7	73.8	110.8	
97	48.1	42.6	63.8	
132	29.5	24.0	36.0	





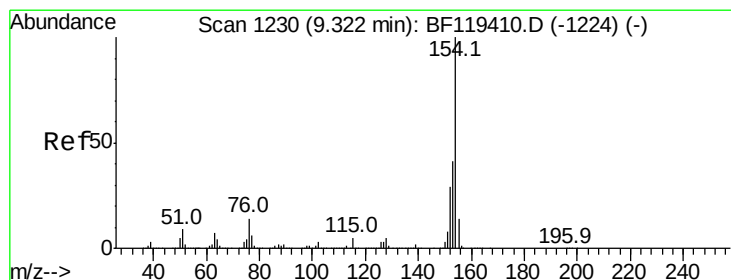
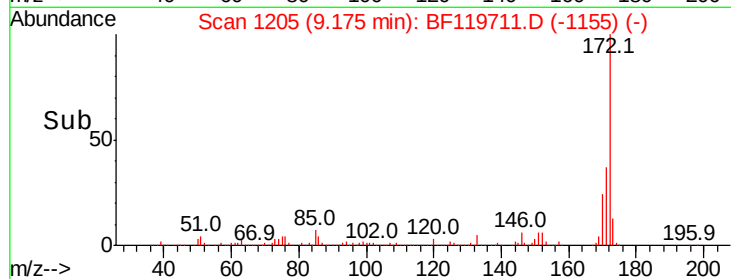
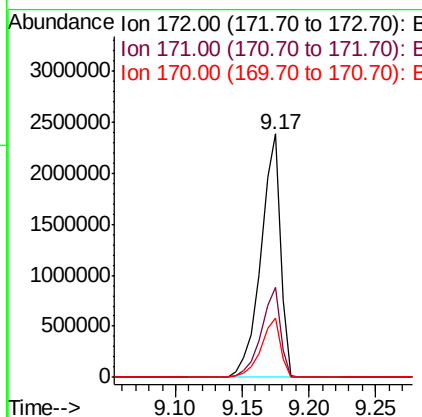
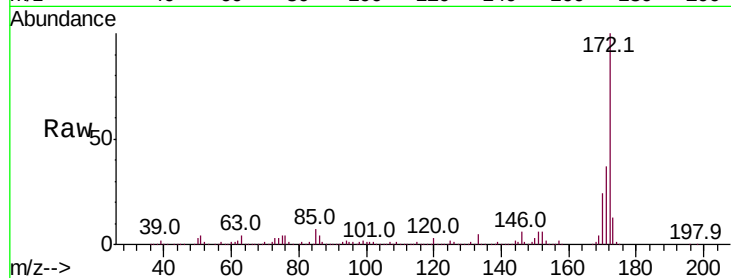
#45
2-Fluorobiphenyl
Concen: 75.544 ng
RT: 9.17 min Scan# 1205
Delta R.T. -0.01 min
Lab File: BF119711.D
Acq: 3 Apr 2020 11:37

Instrument :
BNA_F
ClientSampleId :
PB127859BSD

Tot Ion:172 Resp: 2401151
Ion Ratio Lower Upper
172 100
171 36.7 29.6 44.4
170 24.2 20.2 30.2

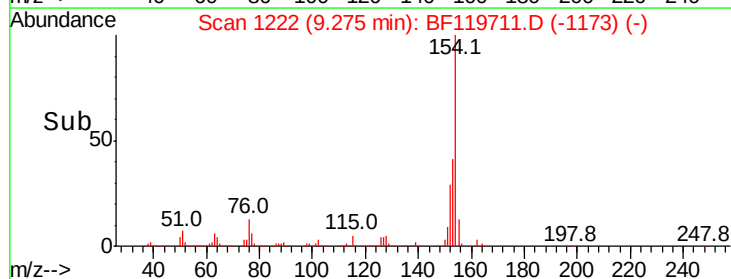
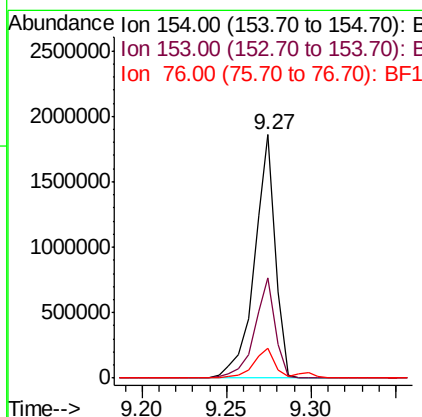
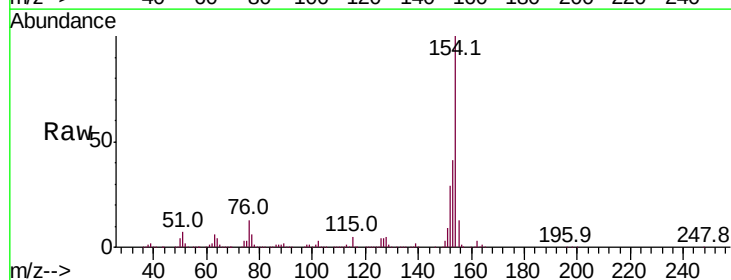
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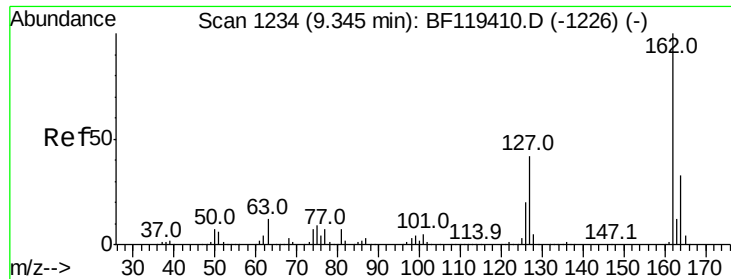
mohammad
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#46
1,1'-Biphenyl
Concen: 41.761 ng
RT: 9.27 min Scan# 1222
Delta R.T. -0.01 min
Lab File: BF119711.D
Acq: 3 Apr 2020 11:37

Tgt Ion:154 Resp: 1601609
Ion Ratio Lower Upper
154 100
153 41.2 21.4 61.4
76 12.5 0.0 33.0





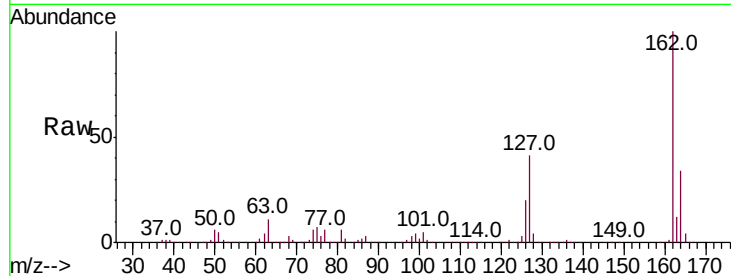
#47
2-Chloronaphthalene
Concen: 41.912 ng
RT: 9.30 min Scan# 1226
Delta R.T. -0.01 min
Lab File: BF119711.D
Acq: 3 Apr 2020 11:37

Instrument :
BNA_F
ClientSampleId :
PB127859BSD

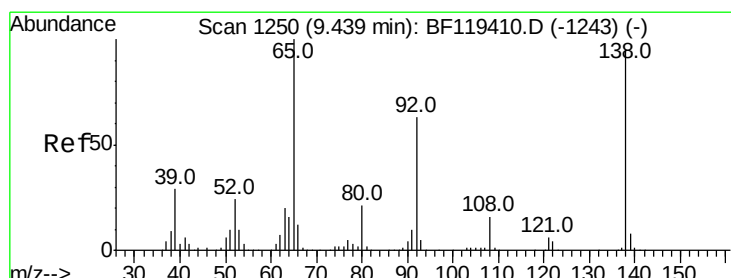
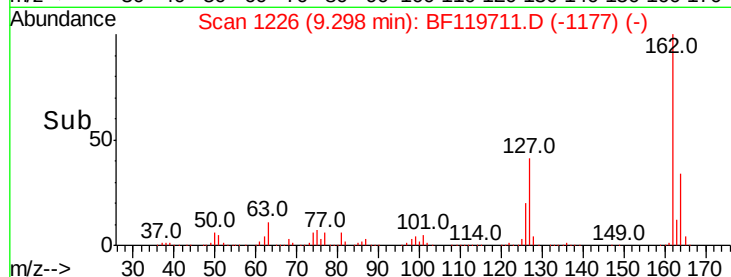
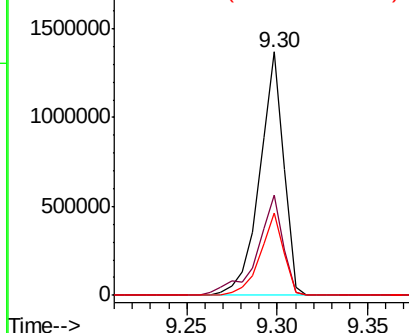
Tot Ion	Ratio	Lower	Upper
162	100		
127	41.1	33.7	50.5
164	33.7	26.3	39.5

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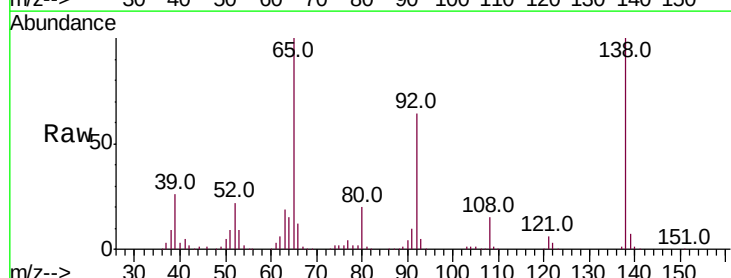


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

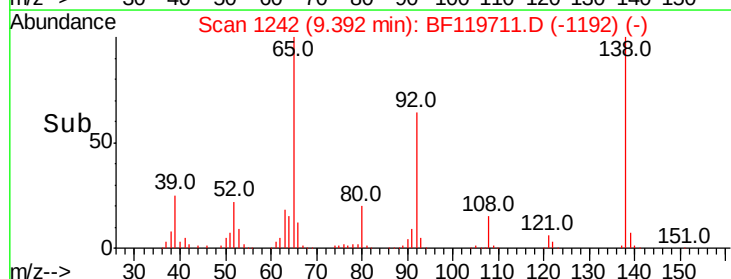
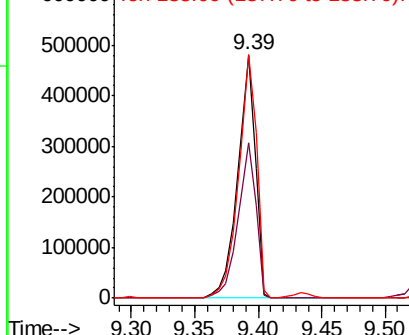


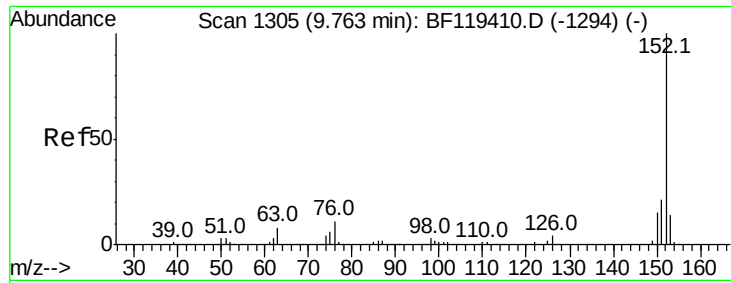
#48
2-Nitroaniline
Concen: 44.161 ng
RT: 9.39 min Scan# 1242
Delta R.T. -0.01 min
Lab File: BF119711.D
Acq: 3 Apr 2020 11:37

Tgt Ion	Ratio	Lower	Upper
65	100		
92	63.8	50.0	75.0
138	100.2	75.0	112.4



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





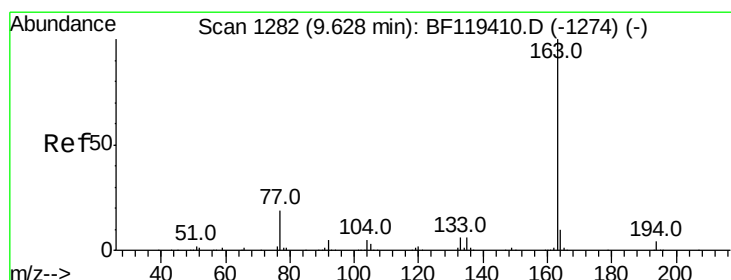
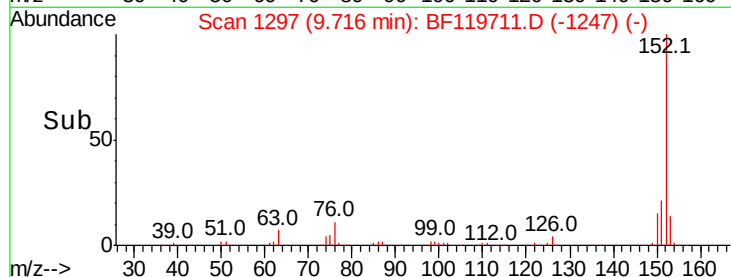
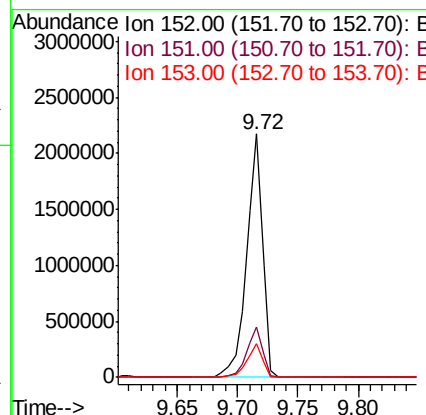
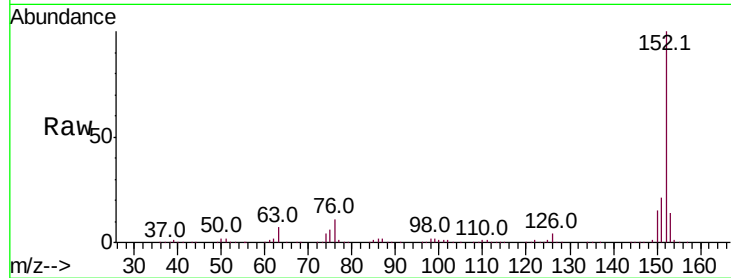
#49
Acenaphthylene
Concen: 42.216 ng
RT: 9.72 min Scan# 1297
Delta R.T. -0.01 min
Lab File: BF119711.D
Acq: 3 Apr 2020 11:37

Instrument :
BNA_F
ClientSampleId :
PB127859BSD

Tot Ion	Ratio	Lower	Upper
152	100		
151	20.7	17.2	25.8
153	13.8	11.2	16.8

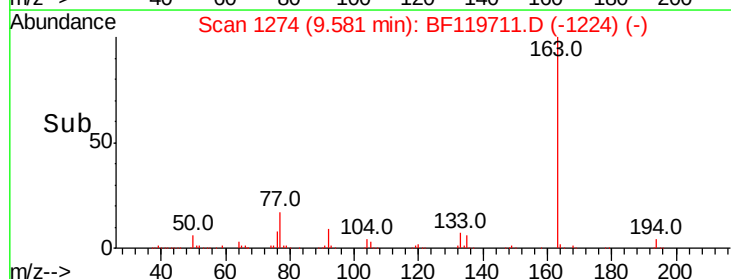
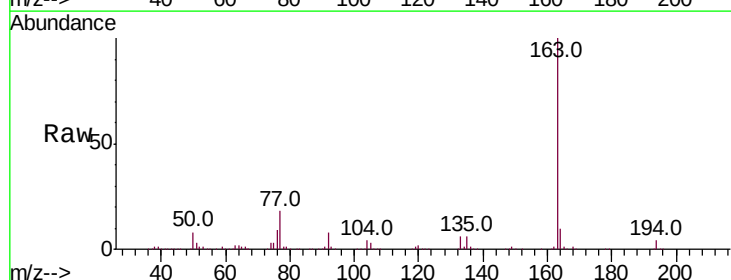
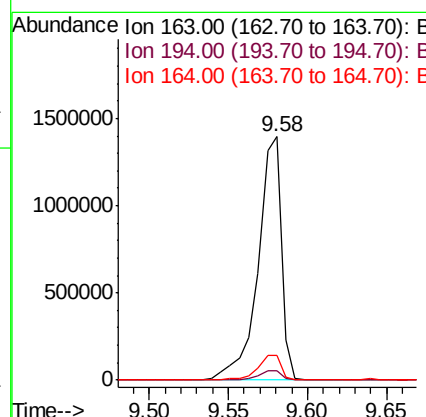
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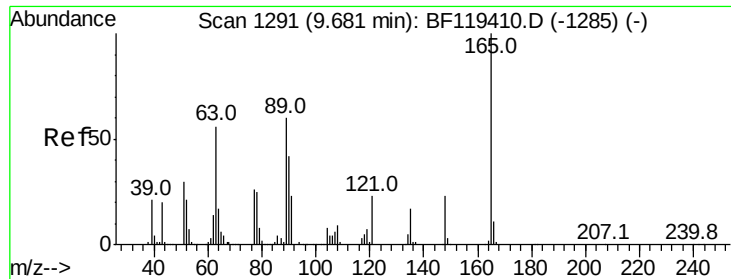
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#50
Dimethylphthalate
Concen: 43.030 ng
RT: 9.58 min Scan# 1274
Delta R.T. -0.01 min
Lab File: BF119711.D
Acq: 3 Apr 2020 11:37

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.1	4.7
164	10.0	8.2	12.2





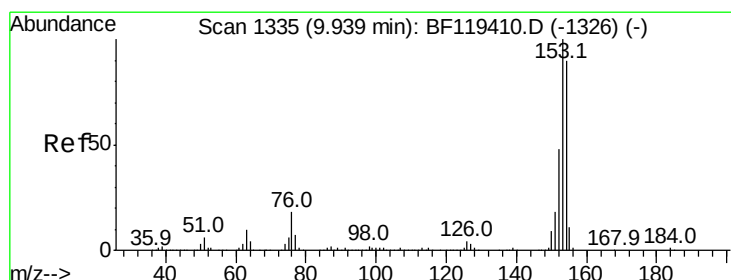
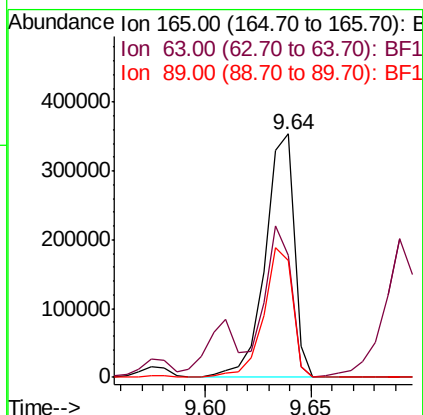
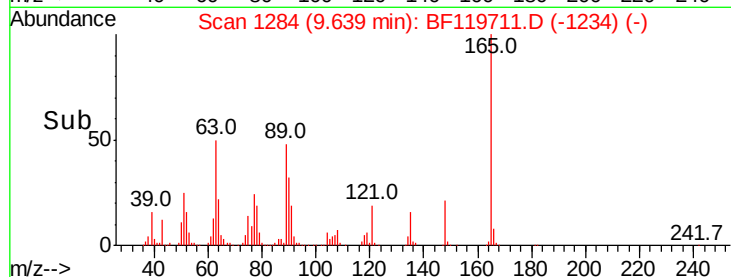
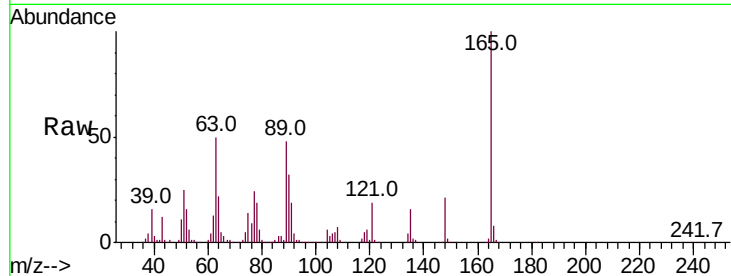
#51
2,6-Dinitrotoluene
Concen: 47.277 ng
RT: 9.64 min Scan# 1284
Delta R.T. -0.01 min
Lab File: BF119711.D
Acq: 3 Apr 2020 11:37

Instrument :
BNA_F
ClientSampleId :
PB127859BSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100			
63	50.1	45.0	67.4	
89	47.8	41.5	62.3	

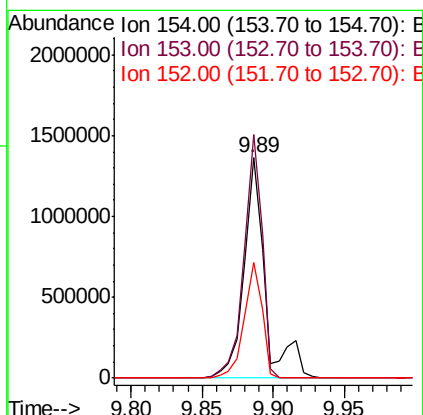
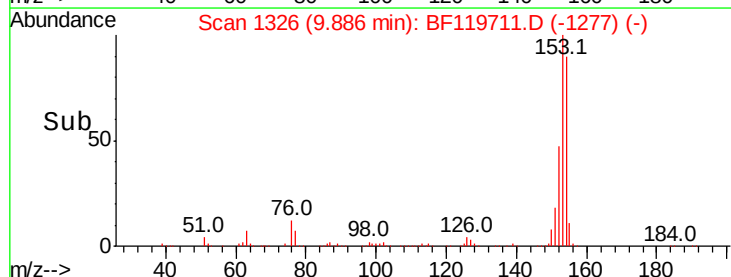
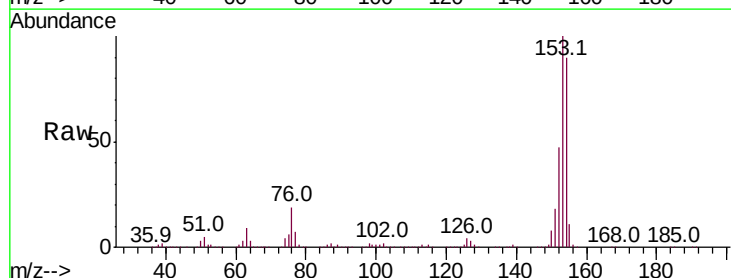
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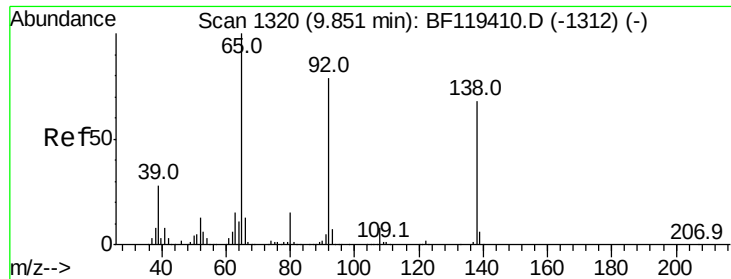
mohammad
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#52
Acenaphthene
Concen: 47.323 ng m
RT: 9.89 min Scan# 1326
Delta R.T. -0.01 min
Lab File: BF119711.D
Acq: 3 Apr 2020 11:37

Tgt Ion	Ratio	Resp	Lower	Upper
154	100			
153	110.7	88.1	132.1	
152	52.5	43.0	64.4	





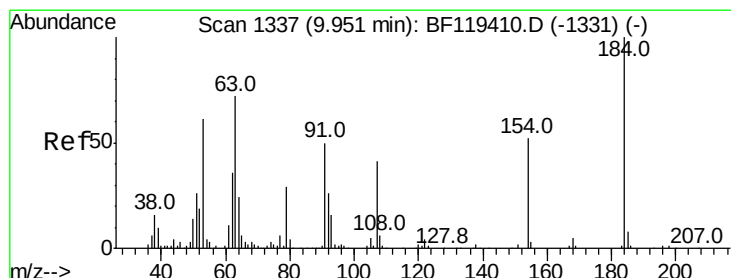
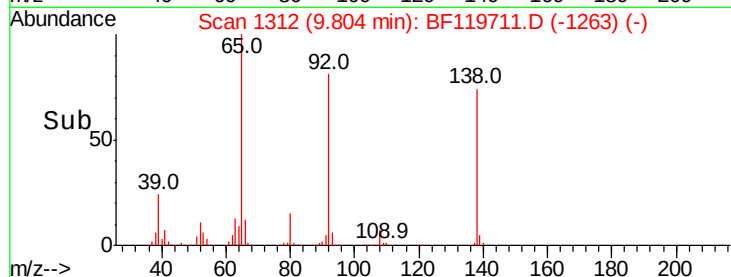
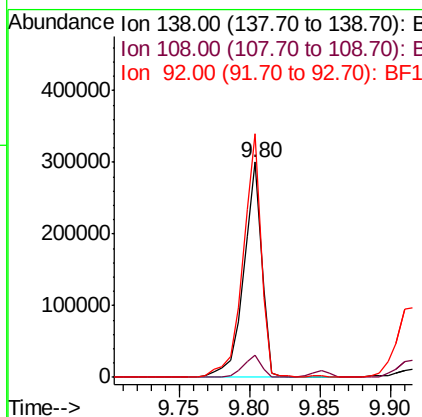
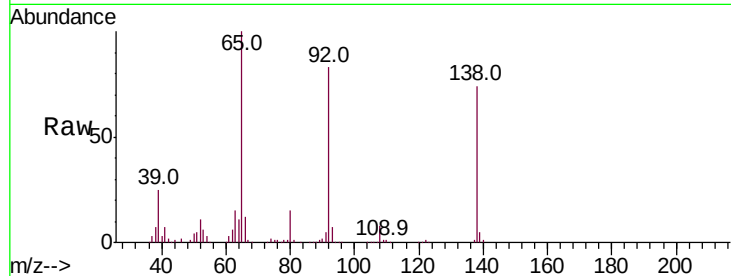
#53
3-Nitroaniline
Concen: 29.390 ng
RT: 9.80 min Scan# 1312
Delta R.T. -0.01 min
Lab File: BF119711.D
Acq: 3 Apr 2020 11:37

Instrument :
BNA_F
ClientSampleId :
PB127859BSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.2	8.6	13.0
92	113.2	95.4	143.0

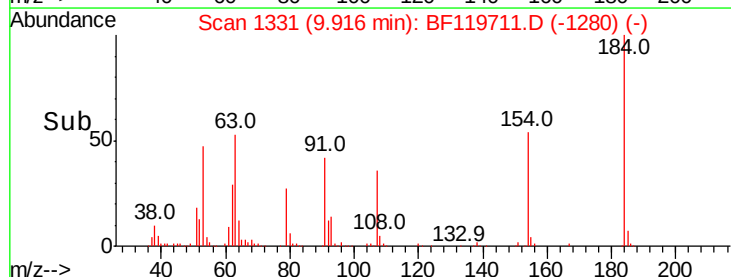
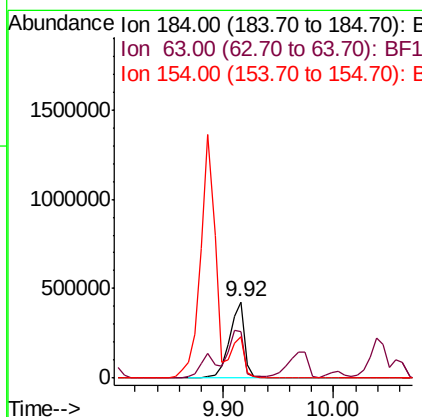
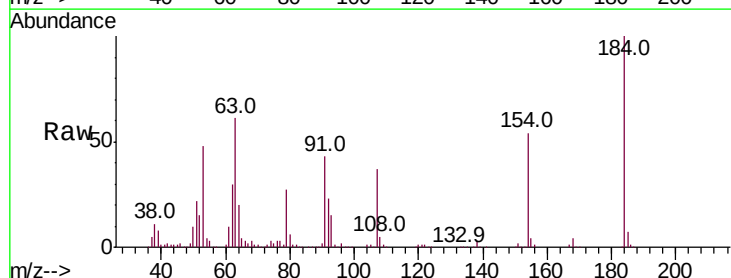
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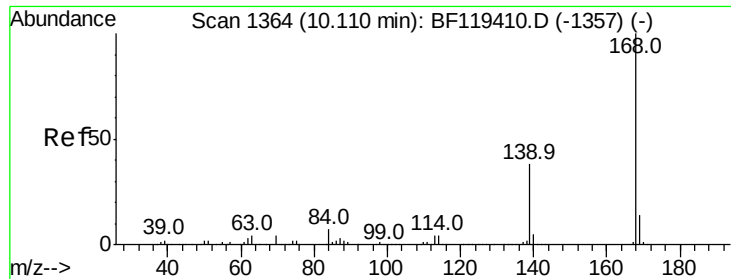
mohammad
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#54
2,4-Dinitrophenol
Concen: 127.899 ng
RT: 9.92 min Scan# 1331
Delta R.T. 0.00 min
Lab File: BF119711.D
Acq: 3 Apr 2020 11:37

Tgt Ion	Ratio	Lower	Upper
184	100		
63	61.5	50.2	75.4
154	54.0	44.5	66.7





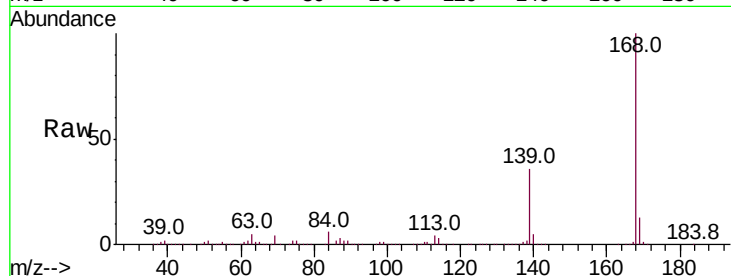
#55
Dibenzofuran
Concen: 42.242 ng
RT: 10.06 min Scan# 1356
Delta R.T. -0.01 min
Lab File: BF119711.D
Acq: 3 Apr 2020 11:37

Instrument :
BNA_F
ClientSampleId :
PB127859BSD

Tot Ion	Ratio	Lower	Upper
168	100		
139	35.8	30.1	45.1
169	13.3	11.0	16.6

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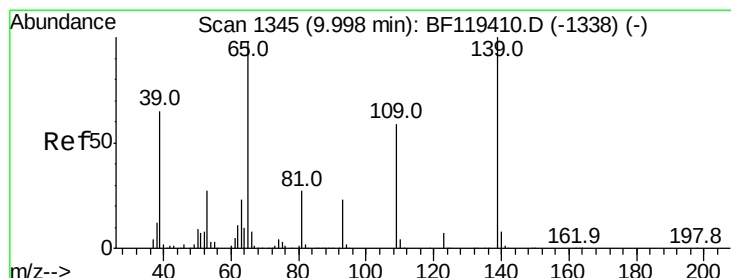
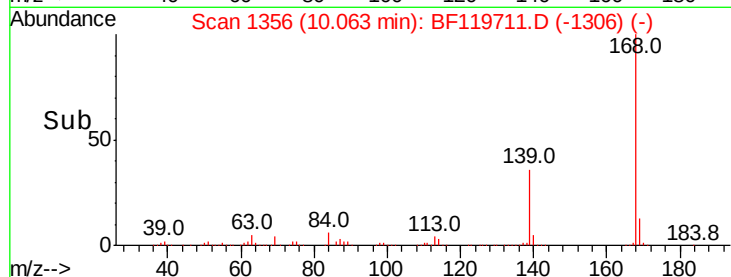
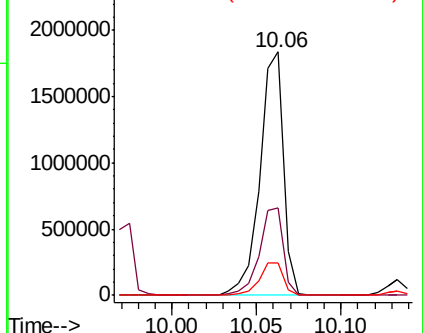


Abundance

Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56
4-Nitrophenol
Concen: 89.154 ng
RT: 9.97 min Scan# 1341
Delta R.T. 0.01 min
Lab File: BF119711.D
Acq: 3 Apr 2020 11:37

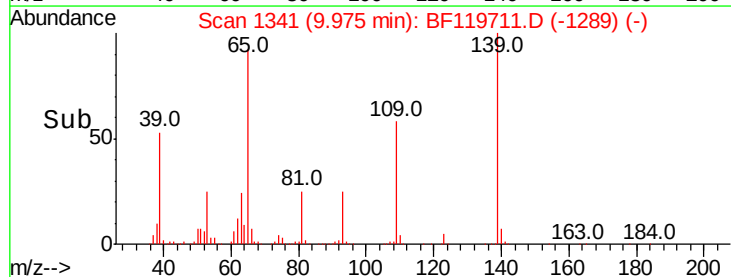
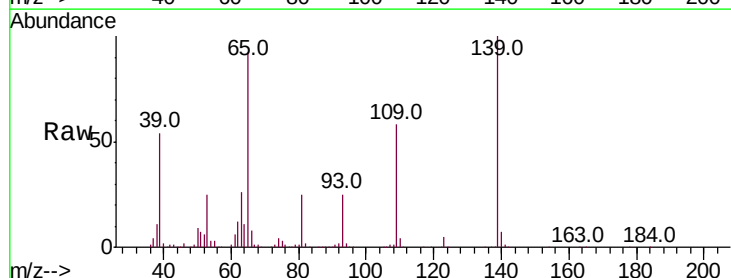
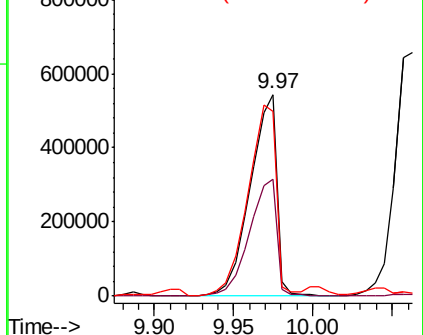
Tgt Ion	Ratio	Lower	Upper
139	100		
109	58.1	43.3	83.3
65	91.8	91.0	131.0

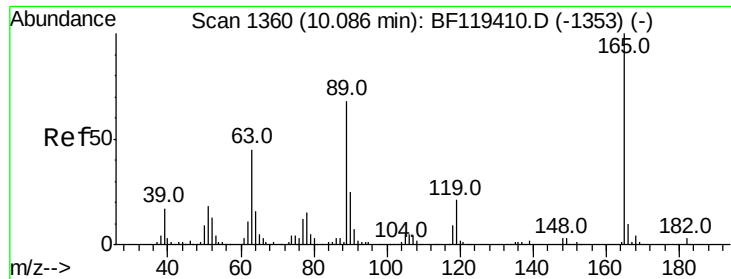
Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





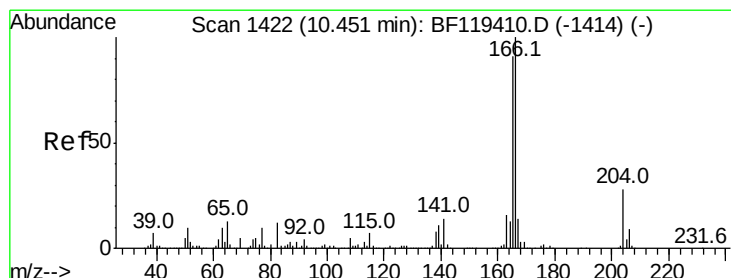
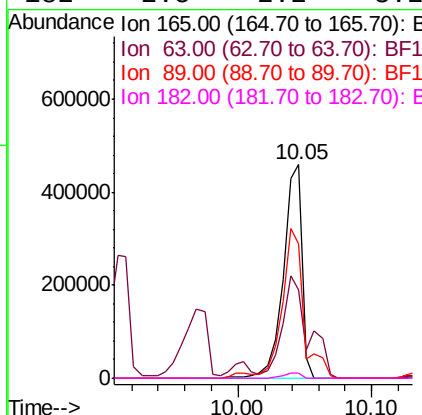
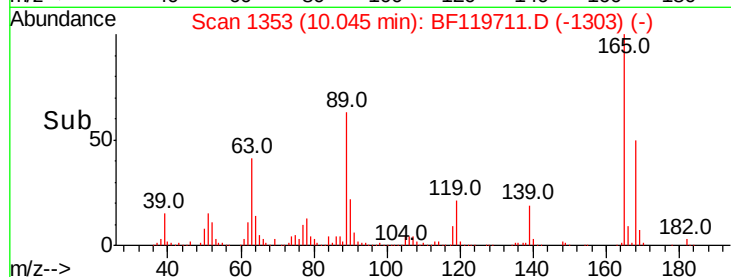
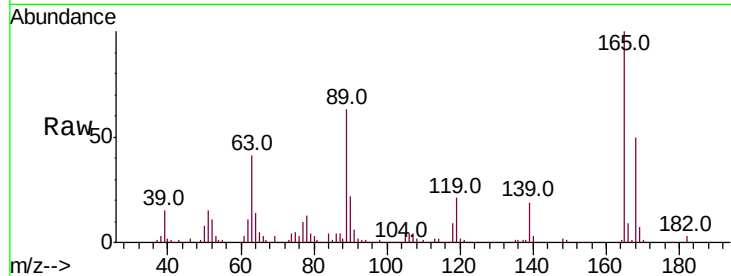
#57
2,4-Dinitrotoluene
Concen: 50.212 ng
RT: 10.05 min Scan# 1353
Delta R.T. -0.01 min
Lab File: BF119711.D
Acq: 3 Apr 2020 11:37

Instrument :
BNA_F
ClientSampleId :
PB127859BSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	453481		
63	41.4		42.6	64.0#
89	62.8		61.0	91.4
182	2.5		2.2	3.2

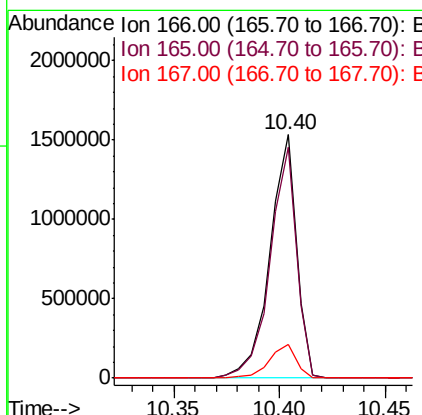
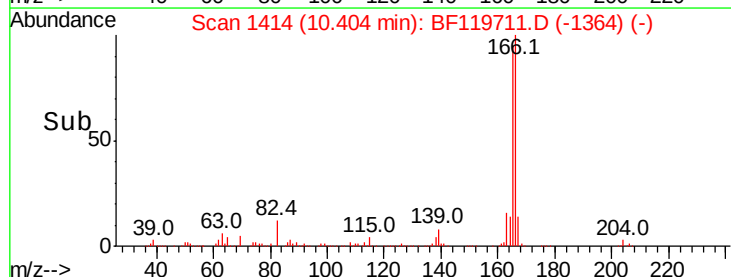
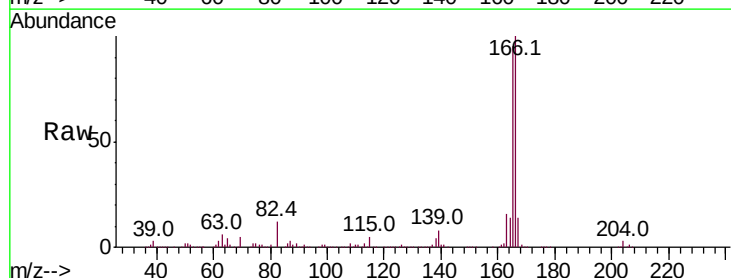
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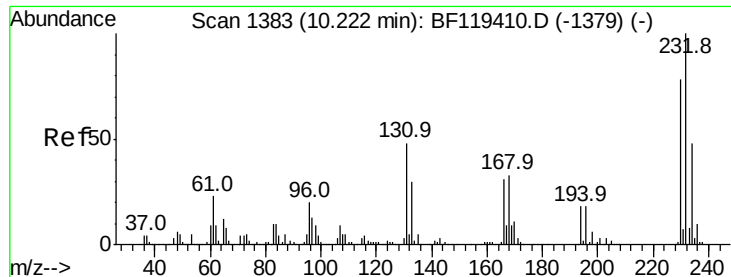
mohammad
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#58
Fluorene
Concen: 43.359 ng
RT: 10.40 min Scan# 1414
Delta R.T. -0.01 min
Lab File: BF119711.D
Acq: 3 Apr 2020 11:37

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	1351978		
165	94.9		75.4	113.2
167	13.9		11.2	16.8





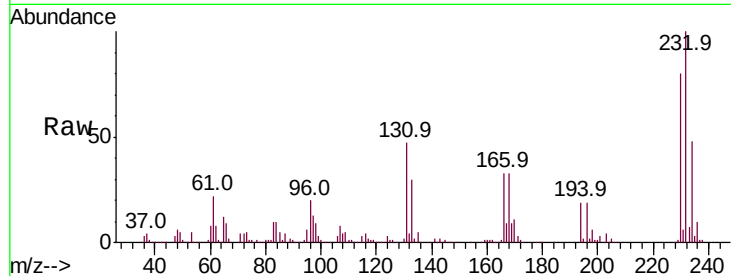
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 47.353 ng
 RT: 10.17 min Scan# 1375
 Delta R.T. -0.01 min
 Lab File: BF119711.D
 Acq: 3 Apr 2020 11:37

Instrument :
 BNA_F
 ClientSampleId :
 PB127859BSD

Tot Ion	Ratio	Resp Lower	Upper
232	100		
131	43.9	37.5	56.3
130	2.0	1.8	2.6
166	30.5	24.6	36.8

Manual Integrations
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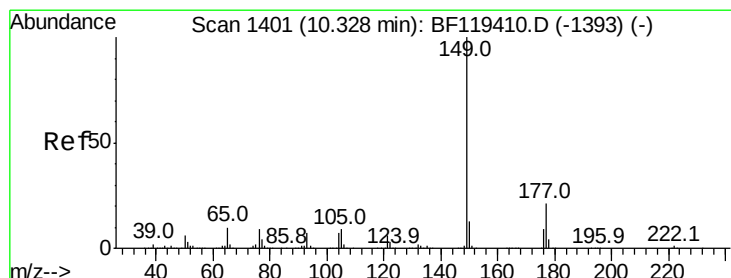
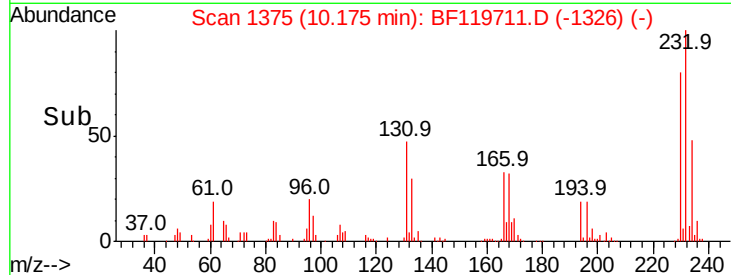
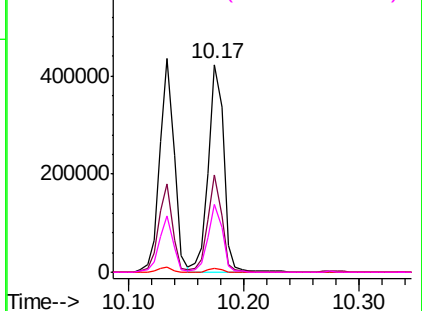
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

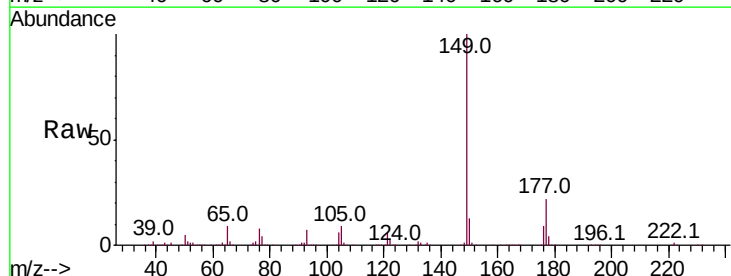
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
 Diethylphthalate
 Concen: 43.640 ng
 RT: 10.28 min Scan# 1393
 Delta R.T. -0.01 min
 Lab File: BF119711.D
 Acq: 3 Apr 2020 11:37

Tgt Ion	Ratio	Resp Lower	Upper
149	100		
177	22.2	17.0	25.6
150	12.7	10.1	15.1

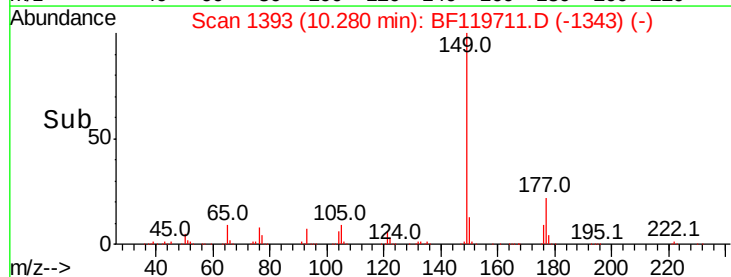
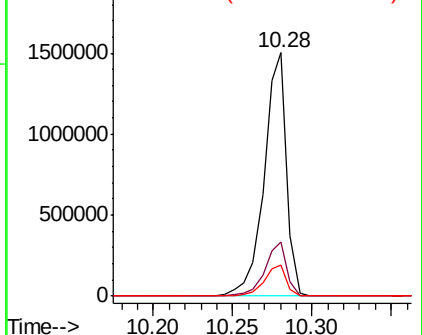


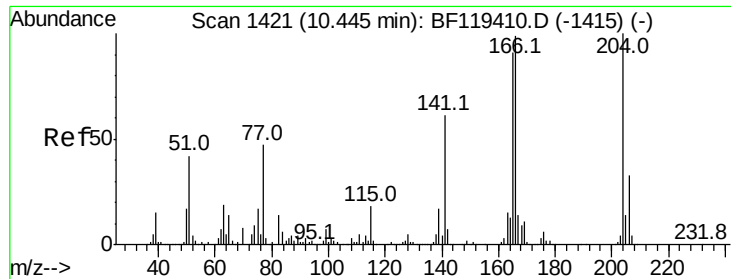
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





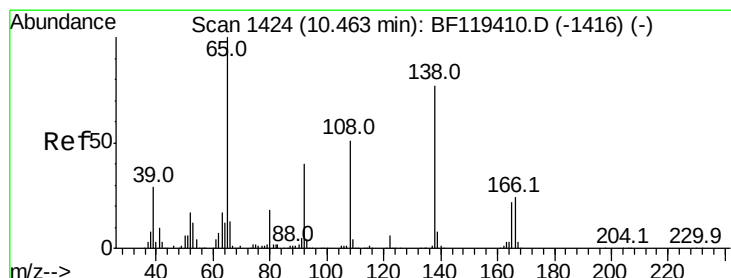
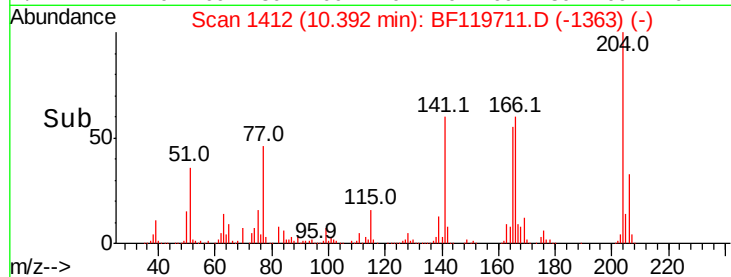
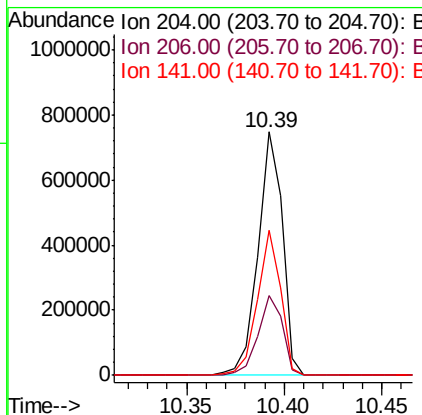
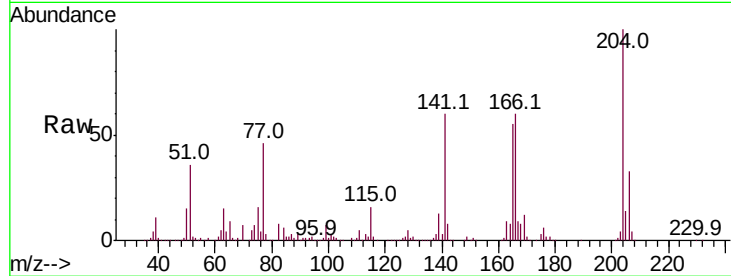
#61
 4-Chlorophenyl-phenylether
 Concen: 42.459 ng
 RT: 10.39 min Scan# 1412
 Delta R.T. -0.01 min
 Lab File: BF119711.D
 Acq: 3 Apr 2020 11:37

Instrument :
 BNA_F
 ClientSampled :
 PB127859BSD

Tot Ion:	204	Resp:	647417
Ion Ratio	Lower	Upper	
204	100		
206	32.8	26.7	40.1
141	59.6	47.3	70.9

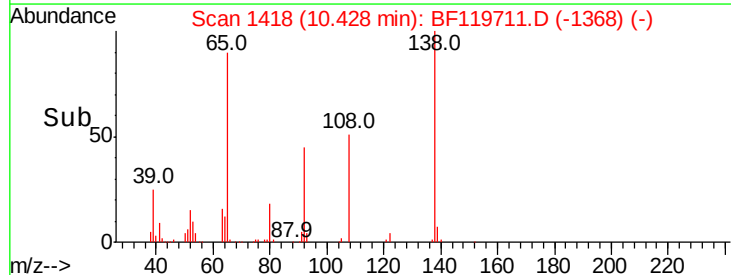
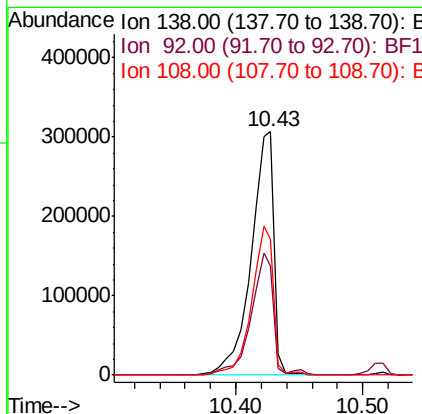
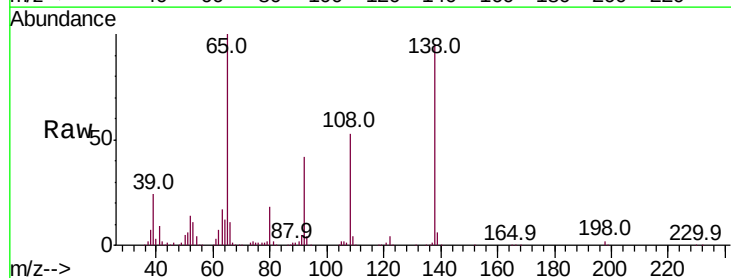
Manual Integrations
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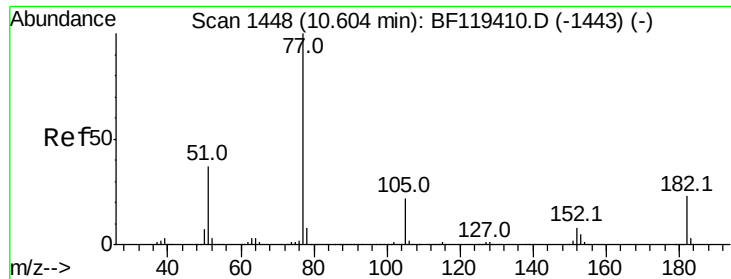
mohammad
 4/6/2020 1:38:39 PM



#62
 4-Nitroaniline
 Concen: 44.475 ng
 RT: 10.43 min Scan# 1418
 Delta R.T. -0.01 min
 Lab File: BF119711.D
 Acq: 3 Apr 2020 11:37

Tgt Ion:	138	Resp:	386008
Ion Ratio	Lower	Upper	
138	100		
92	44.8	31.5	71.5
108	56.0	45.8	85.8





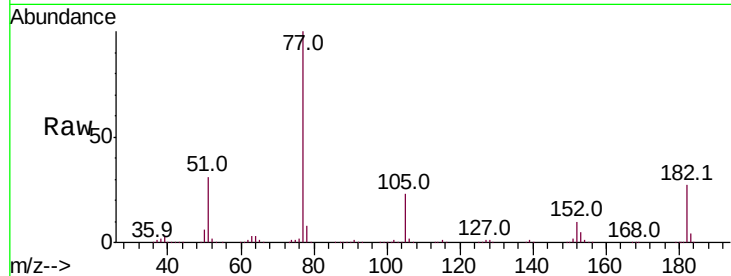
#63
Azobenzene
Concen: 41.371 ng
RT: 10.56 min Scan# 1440
Delta R.T. -0.01 min
Lab File: BF119711.D
Acq: 3 Apr 2020 11:37

Instrument :
BNA_F
ClientSampleId :
PB127859BSD

Tot Ion	Ratio	Lower	Upper
77	100		
182	26.6	4.4	44.4
105	23.2	2.6	42.6
51	31.4	15.1	55.1

Manual Integrations
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mohammad
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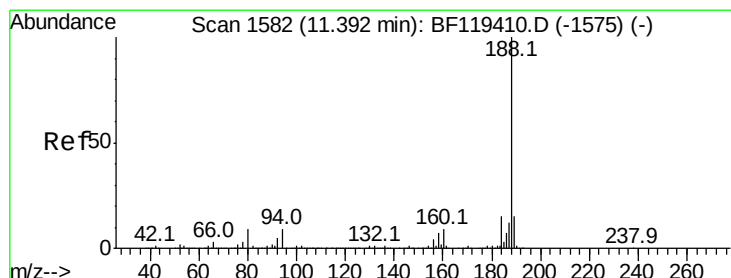
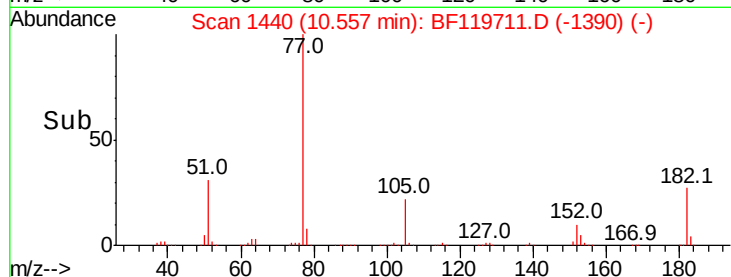
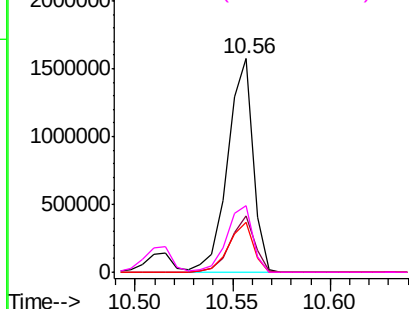
Abundance

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: 11.34 min Scan# 1573
Delta R.T. -0.01 min
Lab File: BF119711.D
Acq: 3 Apr 2020 11:37

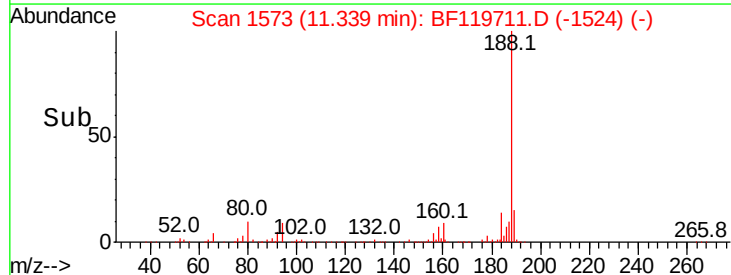
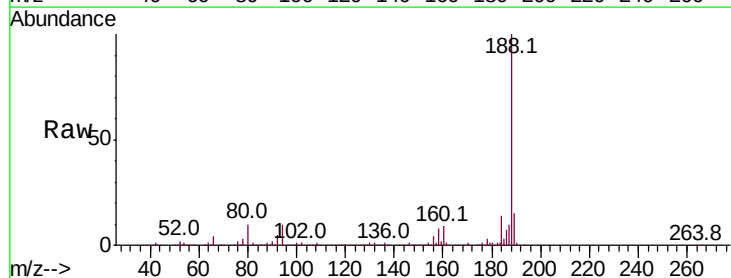
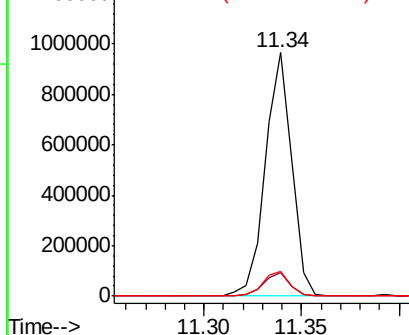
Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.5	7.5	11.3
80	10.0	9.0	13.4

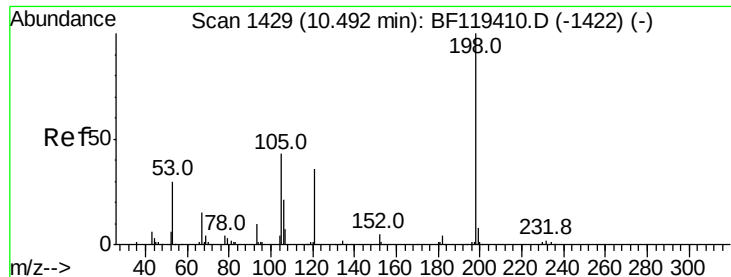
Abundance

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: 68.745 ng

RT: 10.45 min Scan# 1422

Delta R.T. -0.01 min

Lab File: BF119711.D

Acq: 3 Apr 2020 11:37

Instrument :

BNA_F

ClientSampleId :

PB127859BSD

Tot Ion:198 Resp: 259740

Ion Ratio Lower Upper

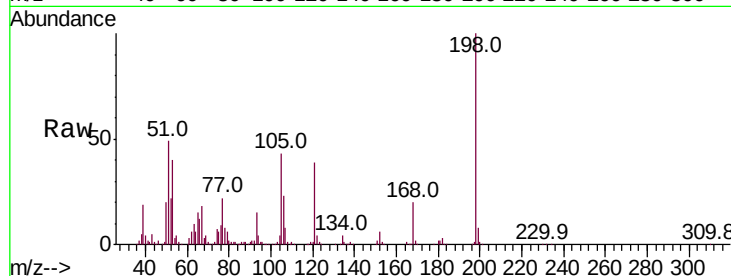
198 100

51 49.1 29.0 69.0

105 42.9 22.2 62.2

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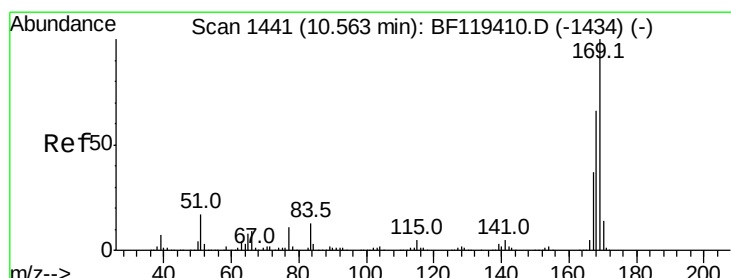
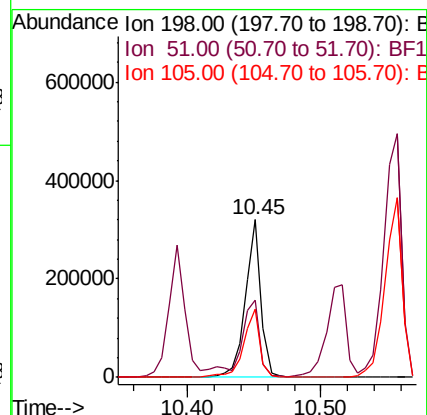
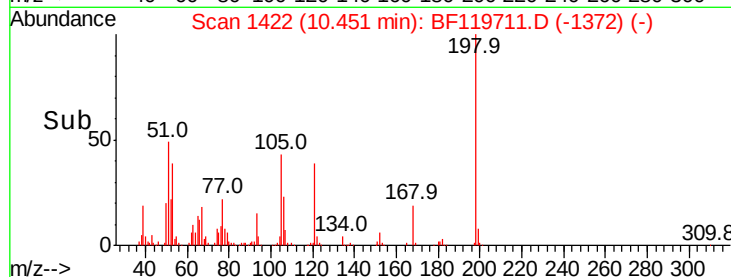
mohammad
4/6/2020 1:38:39 PM



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 42.536 ng

RT: 10.52 min Scan# 1433

Delta R.T. -0.01 min

Lab File: BF119711.D

Acq: 3 Apr 2020 11:37

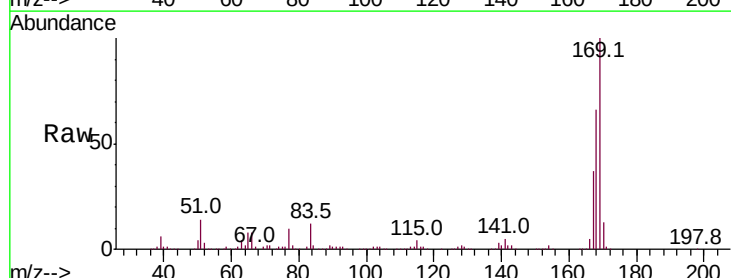
Tgt Ion:169 Resp: 1258221

Ion Ratio Lower Upper

169 100

168 65.9 53.2 79.8

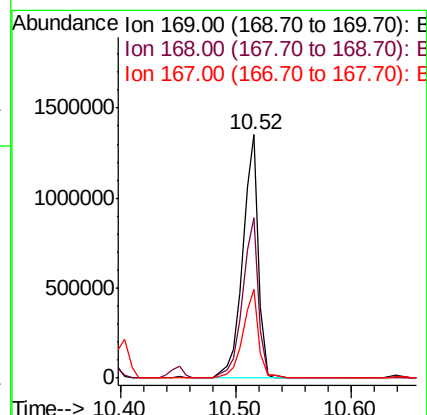
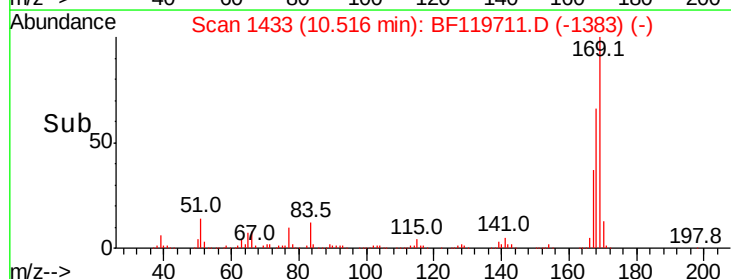
167 36.6 29.1 43.7

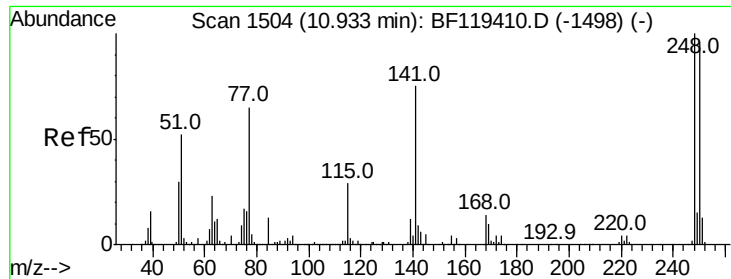


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





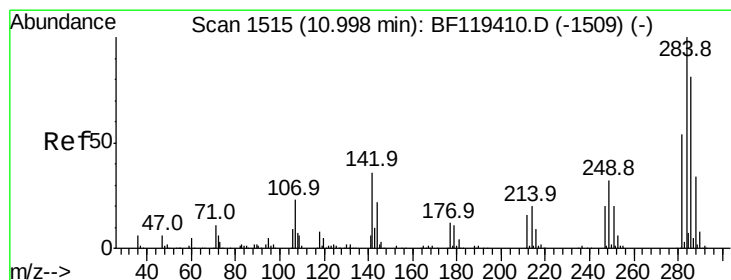
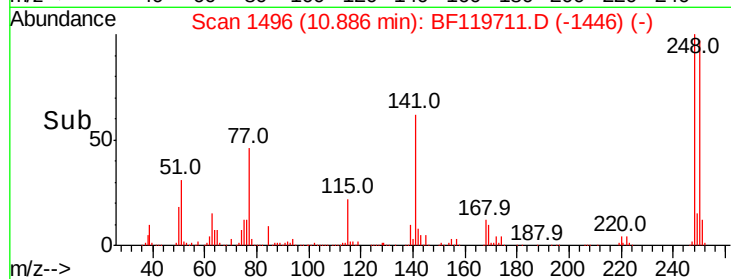
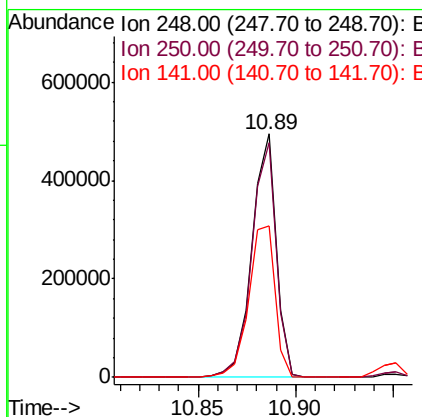
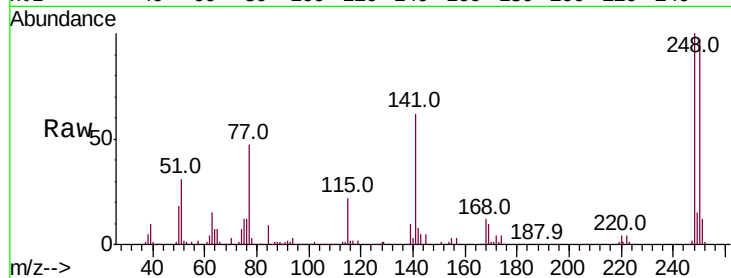
#67
4-Bromophenyl-phenylether
Concen: 41.704 ng
RT: 10.89 min Scan# 1496
Delta R.T. -0.01 min
Lab File: BF119711.D
Acq: 3 Apr 2020 11:37

Instrument :
BNA_F
ClientSampleId :
PB127859BSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.6	77.3	115.9
141	62.1	58.6	87.8

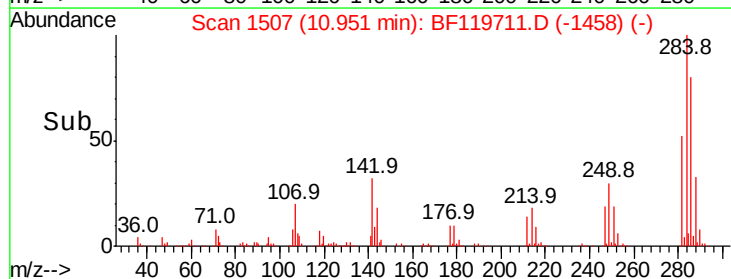
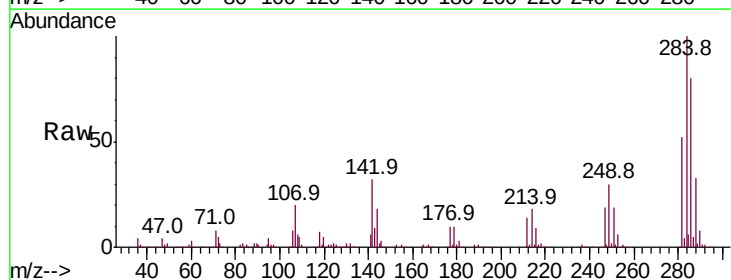
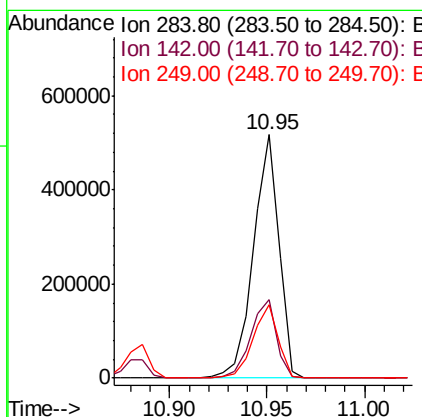
Manual Integrations
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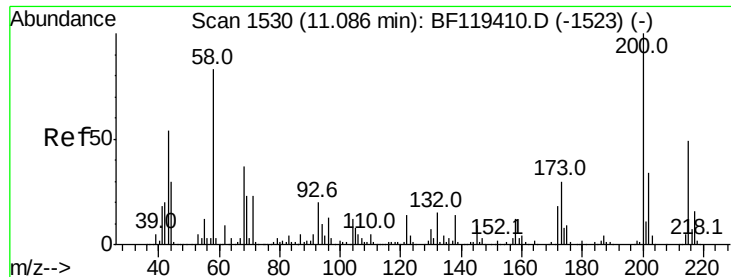
mohammad
4/6/2020 1:38:39 PM



#68
Hexachlorobenzene
Concen: 44.502 ng
RT: 10.95 min Scan# 1507
Delta R.T. -0.01 min
Lab File: BF119711.D
Acq: 3 Apr 2020 11:37

Tgt Ion	Ratio	Lower	Upper
284	100		
142	32.3	29.2	43.8
249	30.1	25.1	37.7





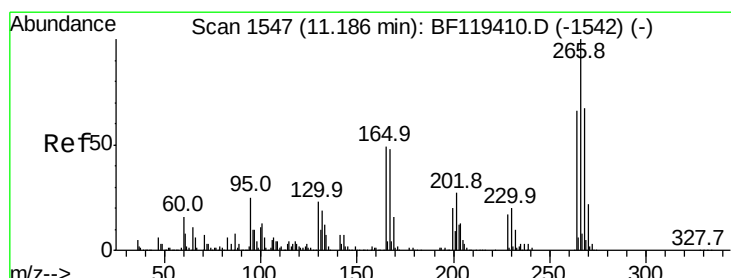
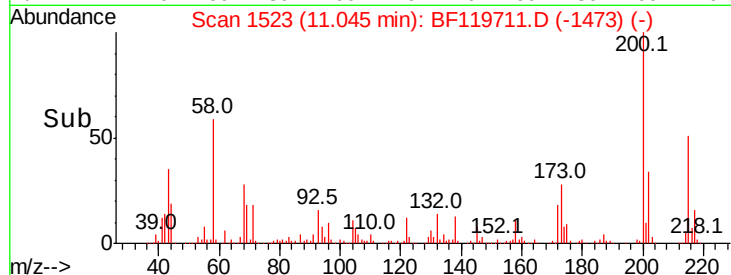
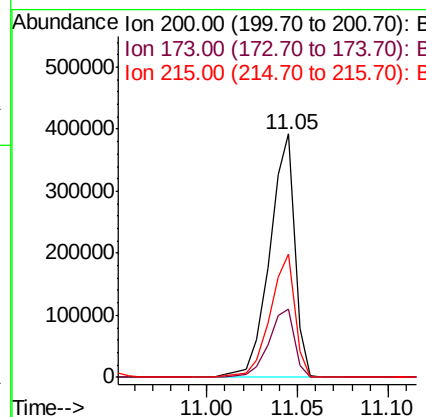
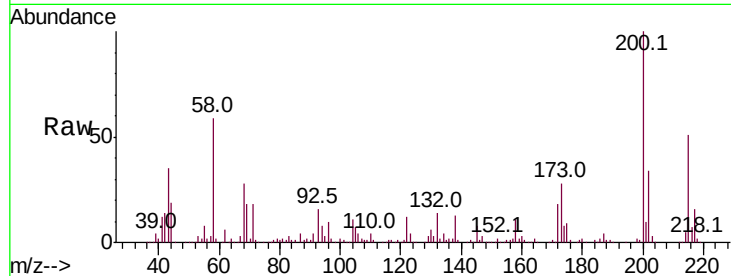
#69
Atrazine
Concen: 46.441 ng
RT: 11.05 min Scan# 1523
Delta R.T. -0.01 min
Lab File: BF119711.D
Acq: 3 Apr 2020 11:37

Instrument :
BNA_F
ClientSampleId :
PB127859BSD

Tot Ion	Ratio	Resp	Lower	Upper
200	100	376609		
173	28.2	9.3	49.3	
215	50.7	29.5	69.5	

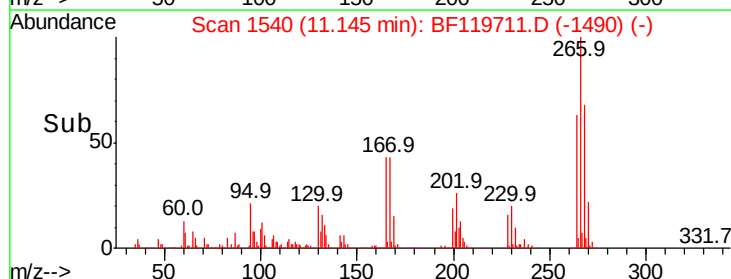
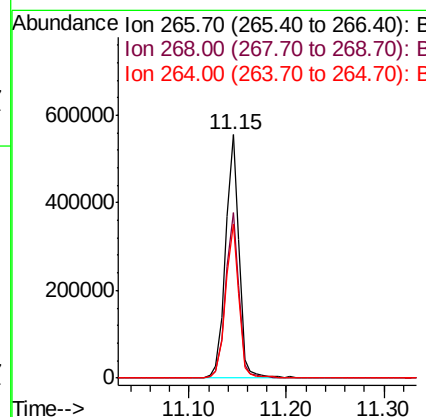
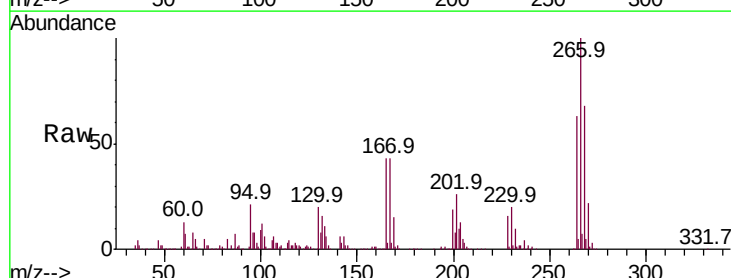
Manual Integrations
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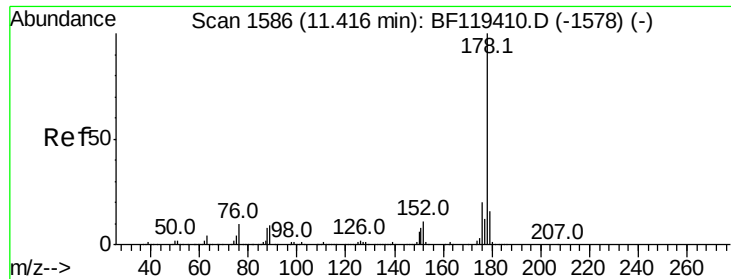
mohammad
4/6/2020 1:38:39 PM



#70
Pentachlorophenol
Concen: 86.924 ng
RT: 11.15 min Scan# 1540
Delta R.T. -0.01 min
Lab File: BF119711.D
Acq: 3 Apr 2020 11:37

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	535304		
268	68.2	53.3	79.9	
264	63.2	49.0	73.4	





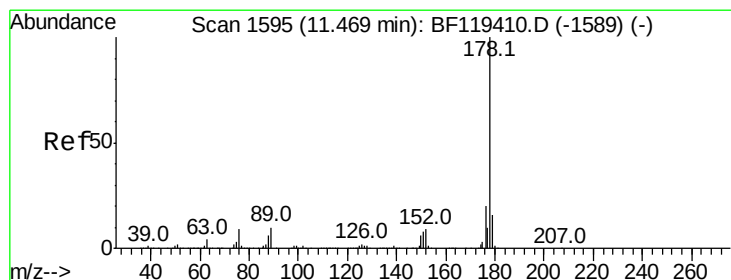
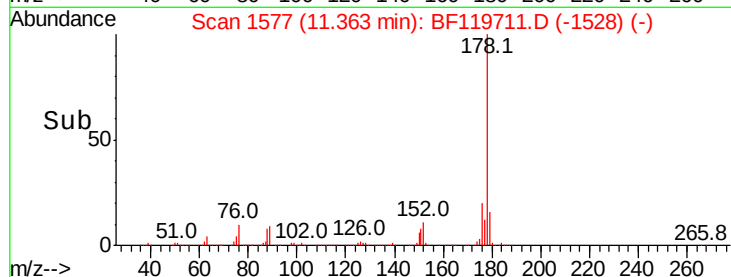
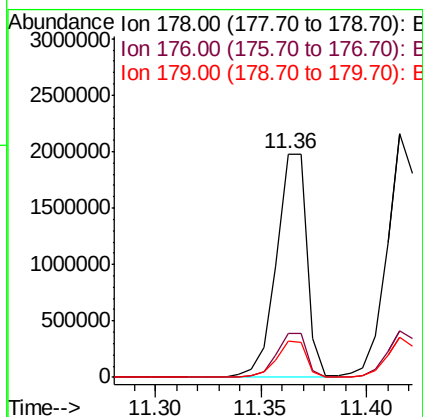
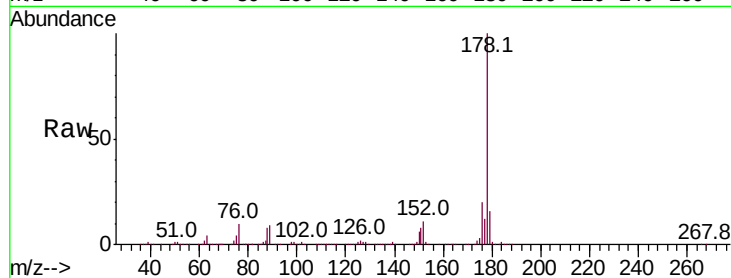
#71
Phenanthrene
Concen: 42.864 ng
RT: 11.36 min Scan# 1577
Delta R.T. -0.01 min
Lab File: BF119711.D
Acq: 3 Apr 2020 11:37

Instrument :
BNA_F
ClientSampleId :
PB127859BSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.7	16.2	24.4
179	16.0	13.2	19.8

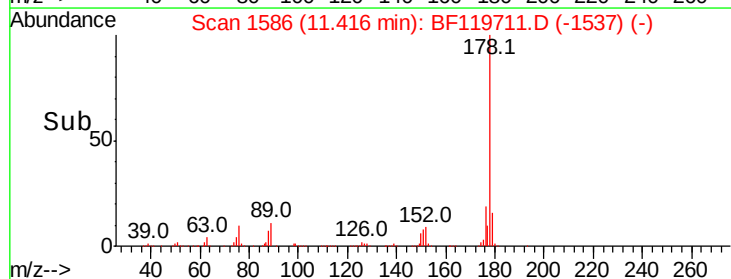
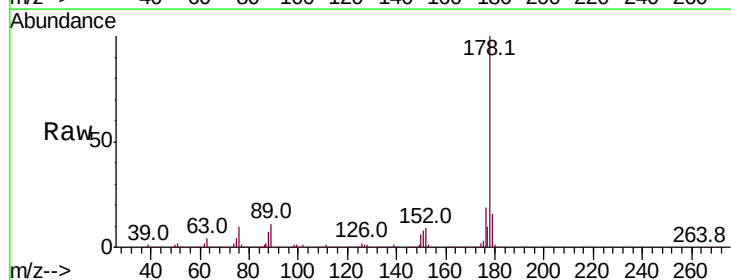
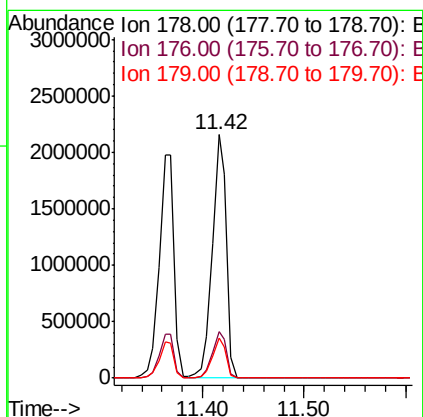
Manual Integrations
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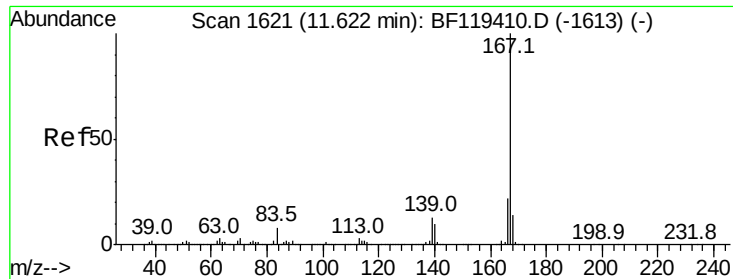
mohammad
4/6/2020 1:38:39 PM



#72
Anthracene
Concen: 43.602 ng
RT: 11.42 min Scan# 1586
Delta R.T. -0.01 min
Lab File: BF119711.D
Acq: 3 Apr 2020 11:37

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.3	16.1	24.1
179	16.4	13.0	19.4





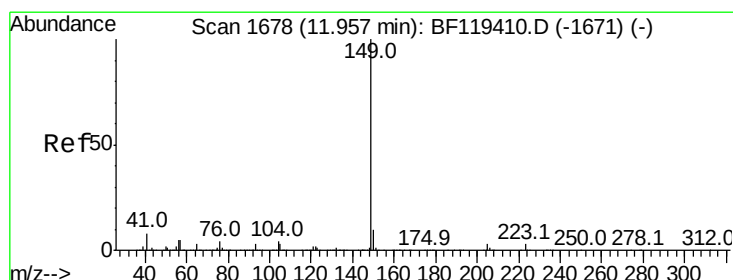
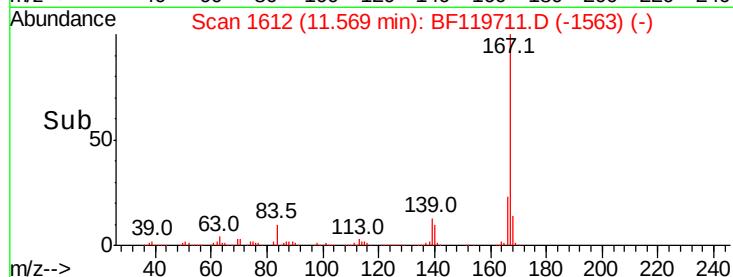
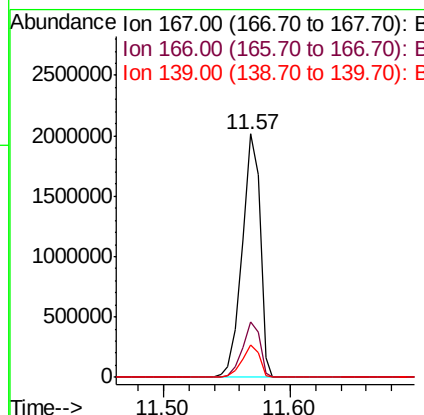
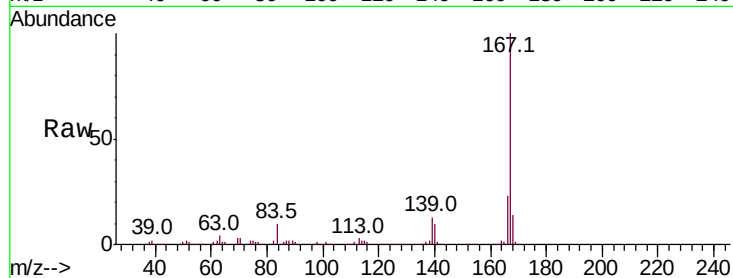
#73
 Carbazole
 Concen: 41.572 ng
 RT: 11.57 min Scan# 1612
 Delta R.T. -0.01 min
 Lab File: BF119711.D
 Acq: 3 Apr 2020 11:37

Instrument :
 BNA_F
 ClientSampleId :
 PB127859BSD

Tot Ion:167 Resp: 1953944
 Ion Ratio Lower Upper
 167 100
 166 22.6 18.2 27.4
 139 13.3 10.7 16.1

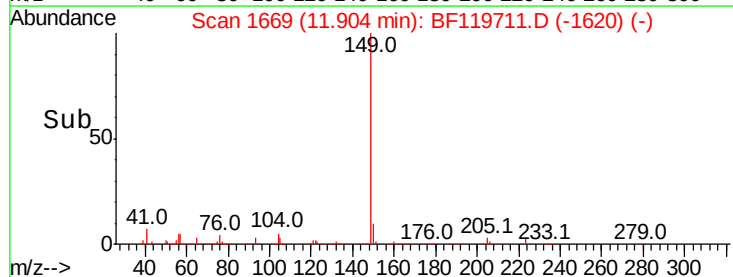
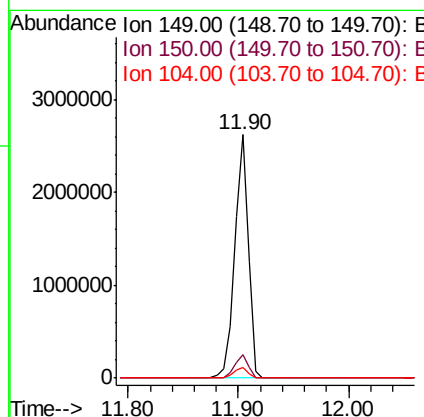
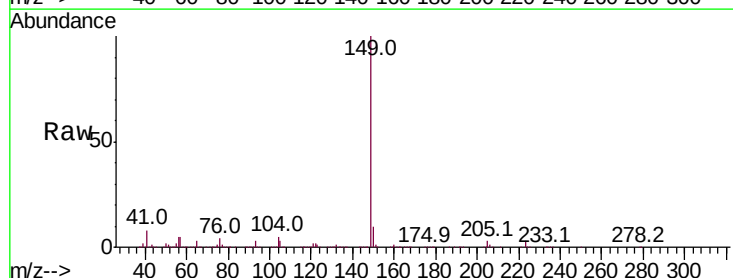
Manual Integrations
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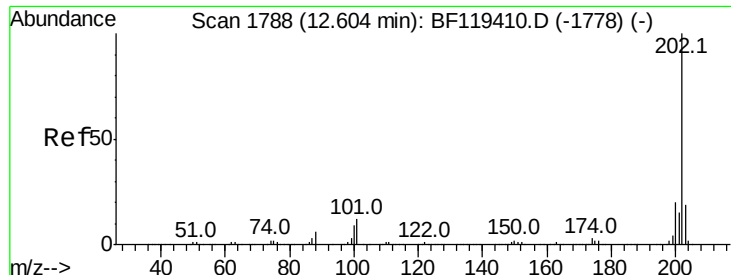
mohammad
 4/6/2020 1:38:39 PM



#74
 Di-n-butylphthalate
 Concen: 44.968 ng
 RT: 11.90 min Scan# 1669
 Delta R.T. -0.01 min
 Lab File: BF119711.D
 Acq: 3 Apr 2020 11:37

Tgt Ion:149 Resp: 2260938
 Ion Ratio Lower Upper
 149 100
 150 9.8 7.8 11.8
 104 4.6 3.6 5.4





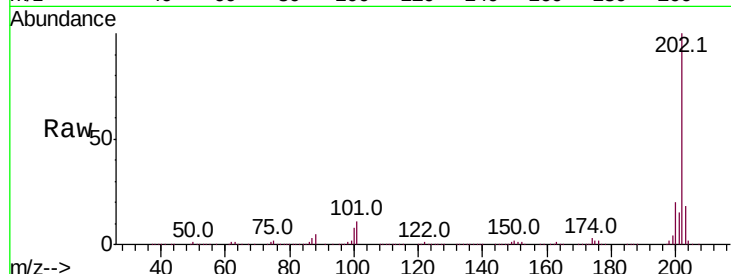
#75
Fluoranthene
Concen: 43.468 ng
RT: 12.56 min Scan# 1780
Delta R.T. -0.01 min
Lab File: BF119711.D
Acq: 3 Apr 2020 11:37

Instrument :
BNA_F
ClientSampleId :
PB127859BSD

Tot Ion	Ratio	Resp	Lower	Upper
202	100	2197893		
101	10.8		0.0	32.2
203	18.0		0.0	38.8

Manual Integrations
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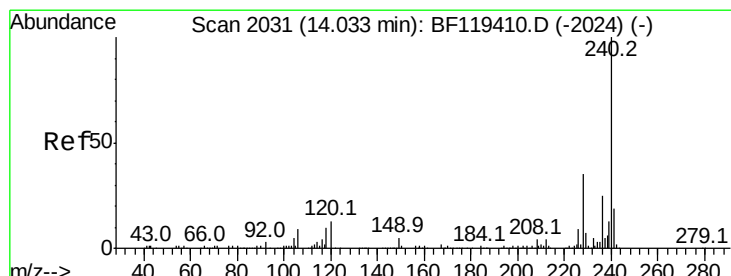
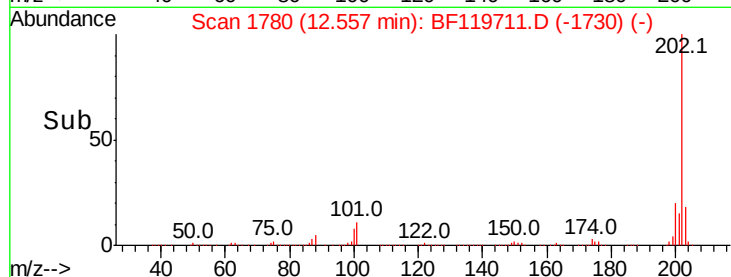
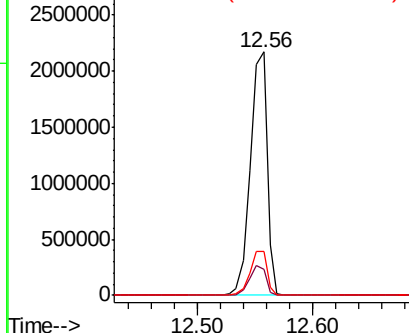


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.99 min Scan# 2023
Delta R.T. -0.01 min
Lab File: BF119711.D
Acq: 3 Apr 2020 11:37

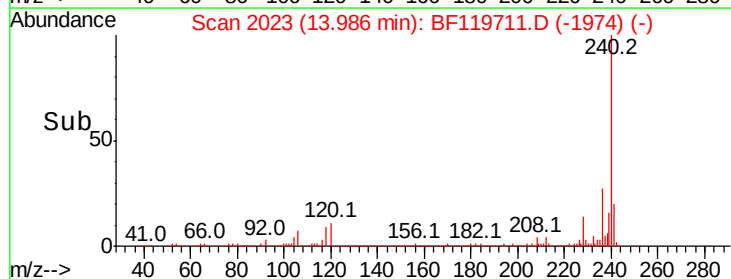
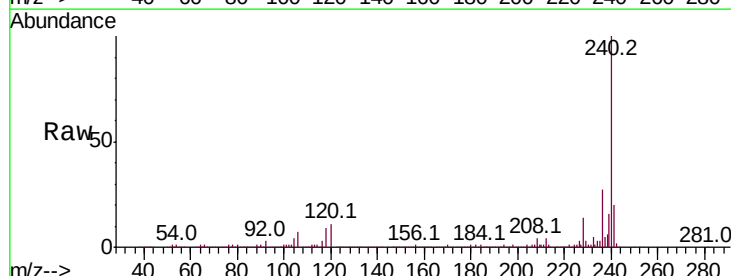
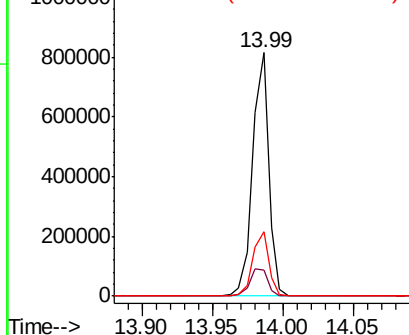
Tgt Ion	Ratio	Resp	Lower	Upper
240	100	661948		
120	10.8		10.6	15.8
236	26.7		20.2	30.2

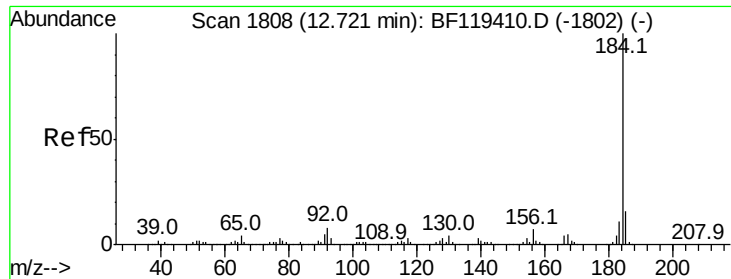
Abundance

Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 39.977 ng

RT: 12.67 min Scan# 1800

Delta R.T. -0.01 min

Lab File: BF119711.D

Acq: 3 Apr 2020 11:37

Instrument :

BNA_F

ClientSampleId :

PB127859BSD

Tot Ion:184 Resp: 1119918

Ion Ratio Lower Upper

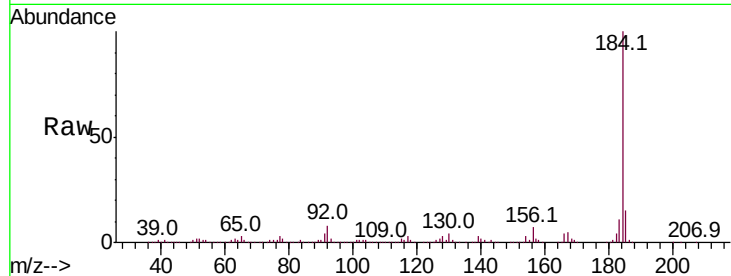
184 100

185 14.7 12.3 18.5

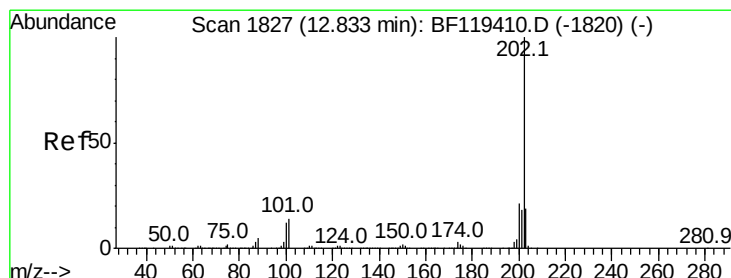
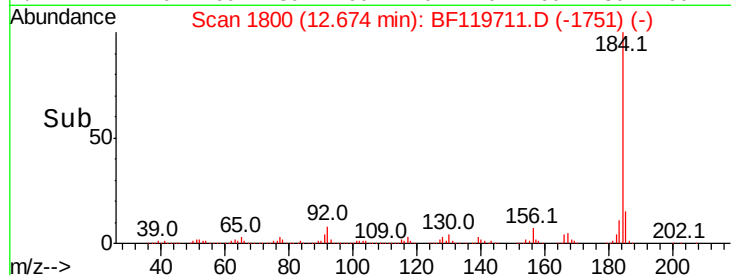
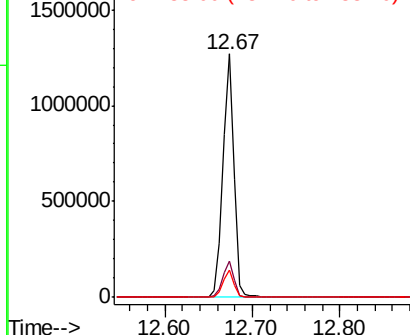
183 11.0 9.0 13.6

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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: 40.848 ng

RT: 12.79 min Scan# 1819

Delta R.T. -0.01 min

Lab File: BF119711.D

Acq: 3 Apr 2020 11:37

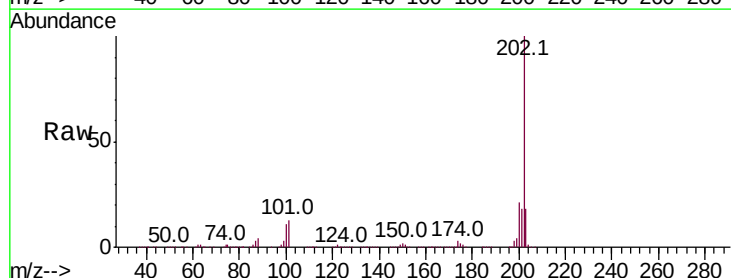
Tgt Ion:202 Resp: 2219060

Ion Ratio Lower Upper

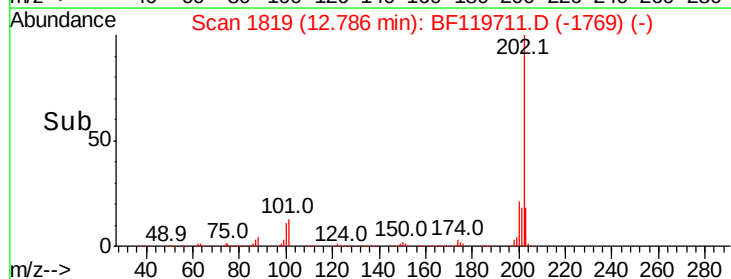
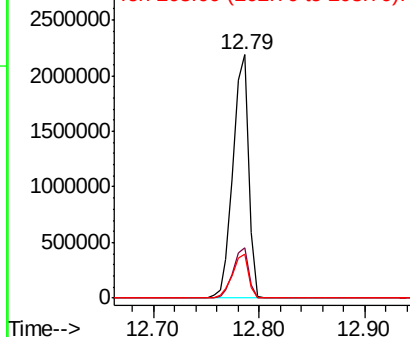
202 100

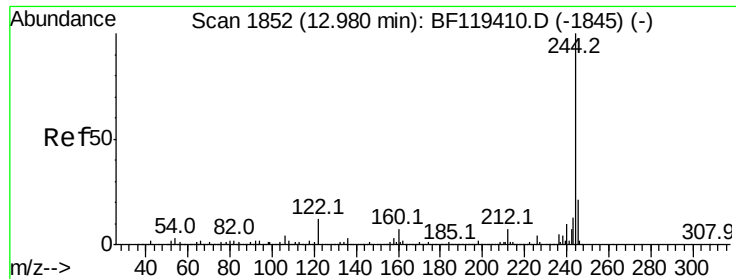
200 20.7 16.8 25.2

203 18.1 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





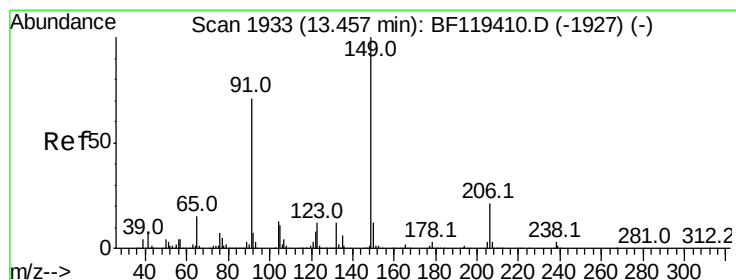
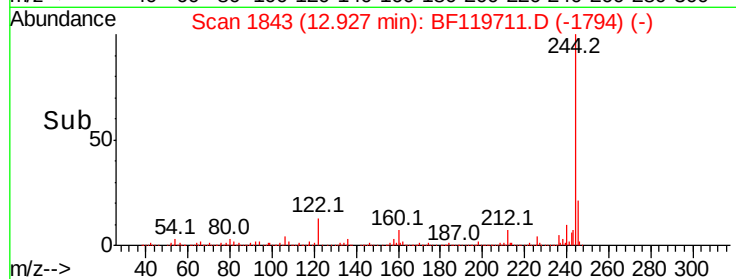
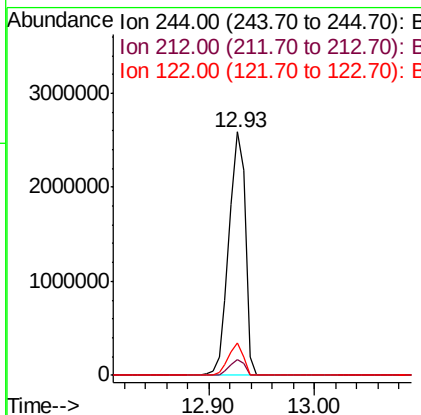
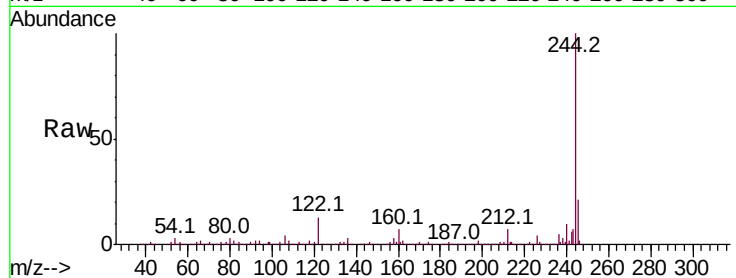
#79
 Terphenyl-d14
 Concen: 82.090 ng
 RT: 12.93 min Scan# 1843
 Delta R.T. -0.01 min
 Lab File: BF119711.D
 Acq: 3 Apr 2020 11:37

Instrument :
 BNA_F
 ClientSampleId :
 PB127859BSD

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.8	8.8
122	13.3	10.3	15.5

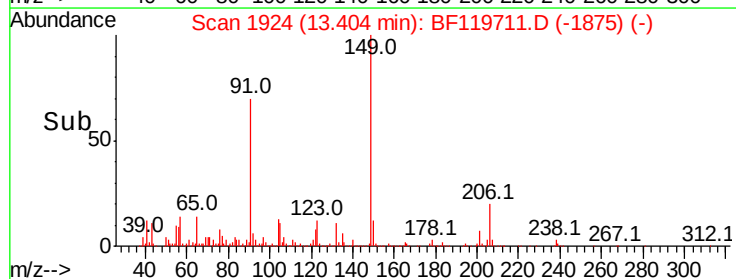
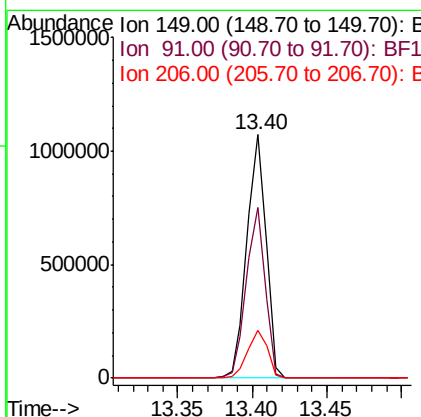
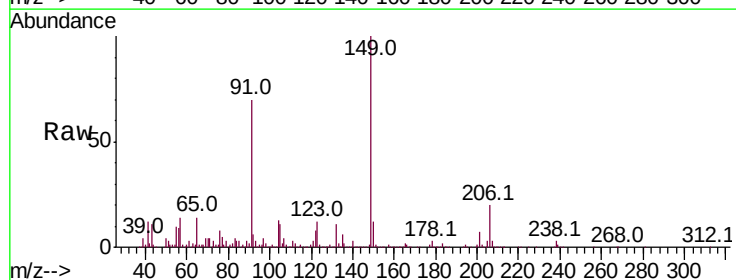
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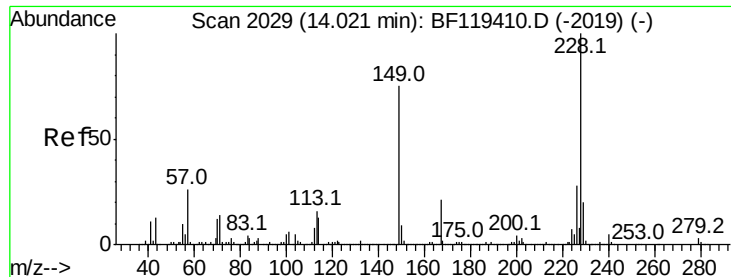
mohammad
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#80
 Butylbenzylphthalate
 Concen: 43.446 ng
 RT: 13.40 min Scan# 1924
 Delta R.T. -0.01 min
 Lab File: BF119711.D
 Acq: 3 Apr 2020 11:37

Tgt Ion	Ratio	Lower	Upper
149	100		
91	69.8	54.7	82.1
206	19.8	16.2	24.2





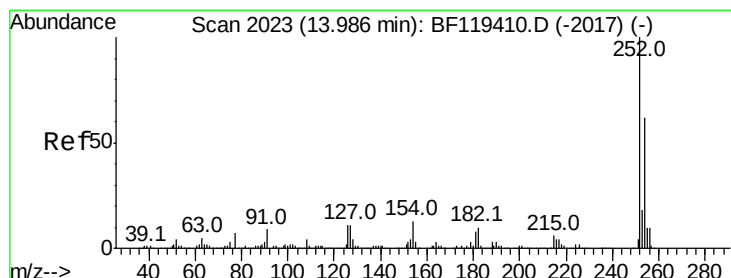
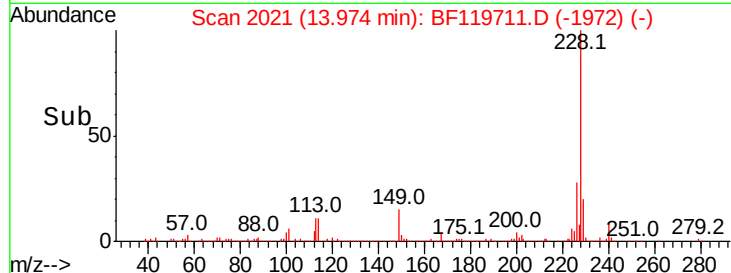
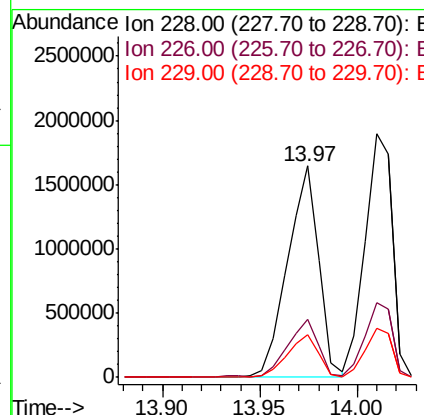
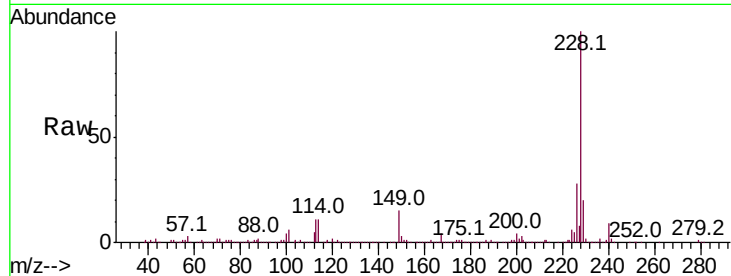
#81
Benzo(a)anthracene
Concen: 42.102 ng
RT: 13.97 min Scan# 2021
Delta R.T. -0.01 min
Lab File: BF119711.D
Acq: 3 Apr 2020 11:37

Instrument :
BNA_F
ClientSampleId :
PB127859BSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.6	21.8	32.8
229	20.2	16.2	24.4

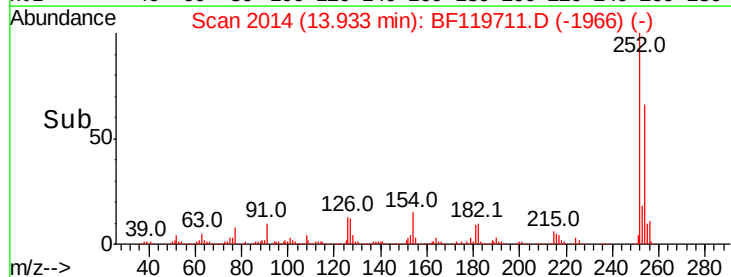
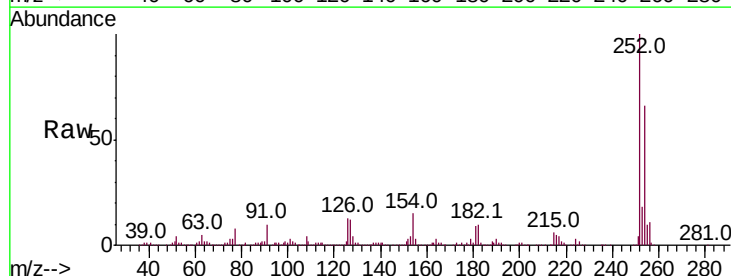
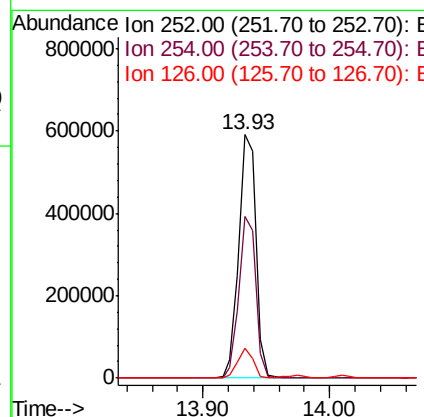
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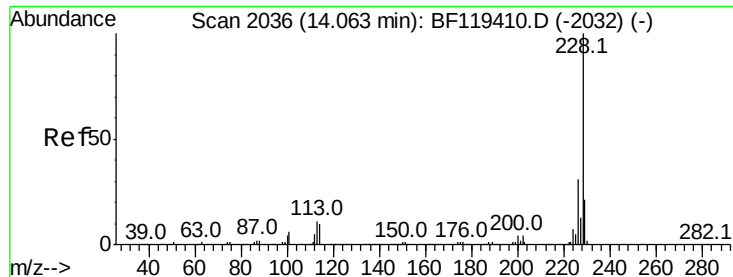
mohammad
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#82
3,3'-Dichlorobenzidine
Concen: 32.336 ng
RT: 13.93 min Scan# 2014
Delta R.T. -0.02 min
Lab File: BF119711.D
Acq: 3 Apr 2020 11:37

Tgt Ion	Ratio	Lower	Upper
252	100		
254	66.2	51.2	76.8
126	12.5	9.6	14.4





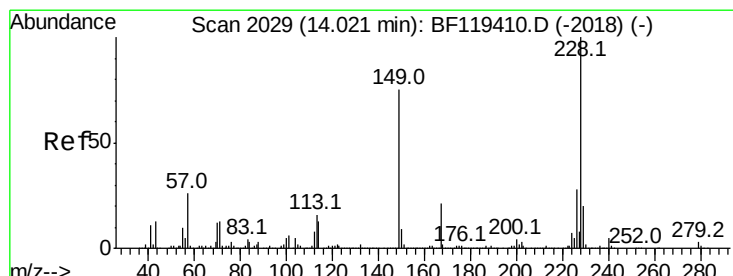
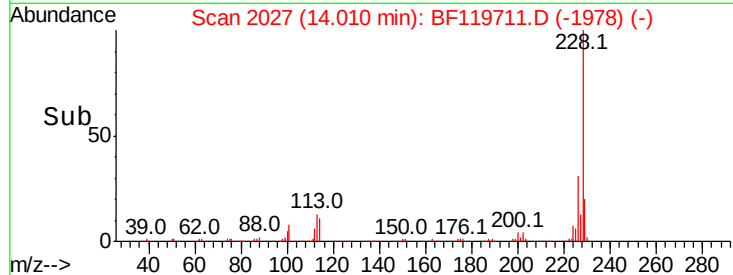
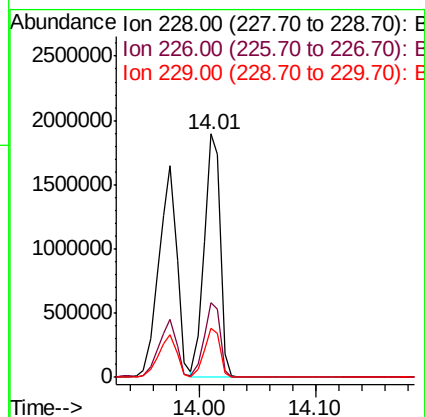
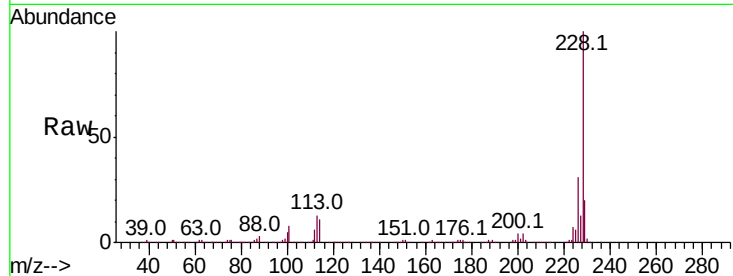
#83
 Chrysene
 Concen: 41.573 ng
 RT: 14.01 min Scan# 2027
 Delta R.T. -0.01 min
 Lab File: BF119711.D
 Acq: 3 Apr 2020 11:37

Instrument :
 BNA_F
 ClientSampleId :
 PB127859BSD

Tot Ion:	228	Resp:	1846885
Ion	Ratio	Lower	Upper
228	100		
226	30.8	25.4	38.0
229	20.3	16.6	24.8

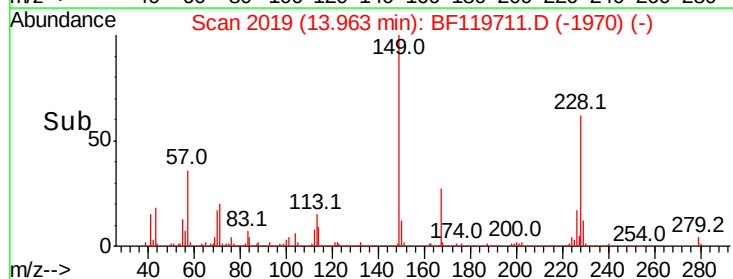
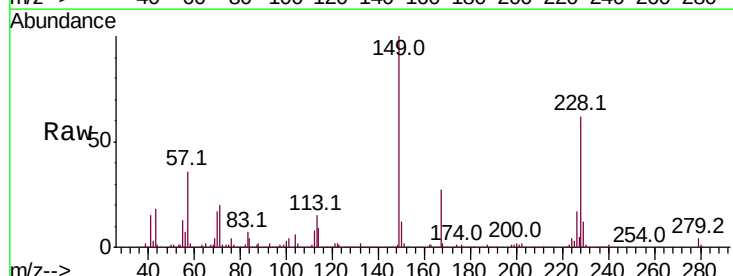
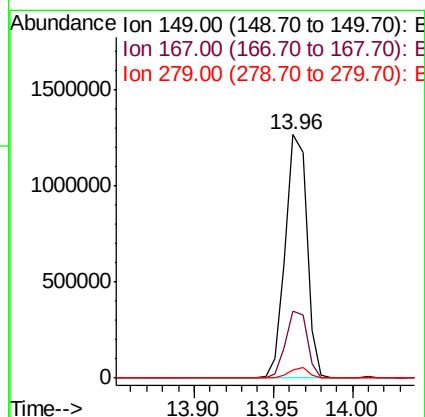
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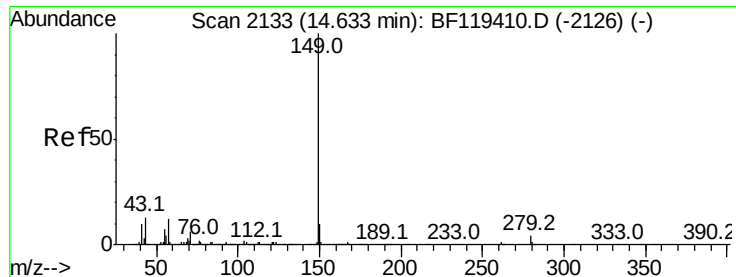
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 45.937 ng
 RT: 13.96 min Scan# 2019
 Delta R.T. -0.01 min
 Lab File: BF119711.D
 Acq: 3 Apr 2020 11:37

Tgt Ion:	149	Resp:	1203220
Ion	Ratio	Lower	Upper
149	100		
167	27.4	21.3	31.9
279	3.6	2.7	4.1





#85

Di-n-octyl phthalate

Concen: 48.088 ng

RT: 14.57 min Scan# 2123

Delta R.T. -0.02 min

Lab File: BF119711.D

Acq: 3 Apr 2020 11:37

Instrument :

BNA_F

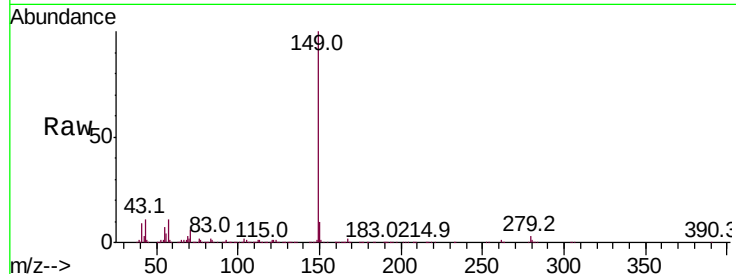
ClientSampleId :

PB127859BSD

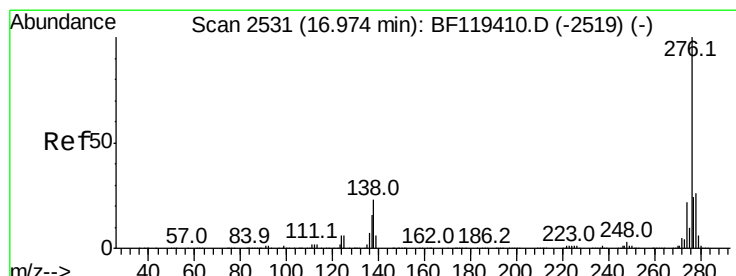
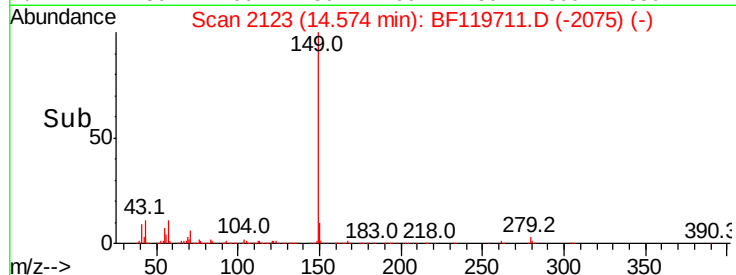
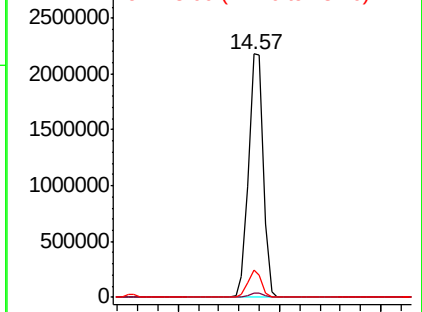
Tot Ion:	149	Resp:	2215190
Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	10.5	9.3	13.9

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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: 42.237 ng

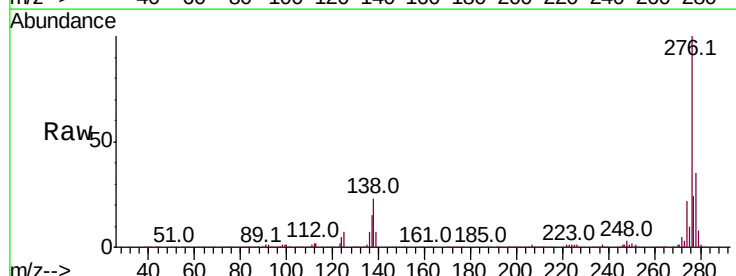
RT: 16.89 min Scan# 2516

Delta R.T. -0.03 min

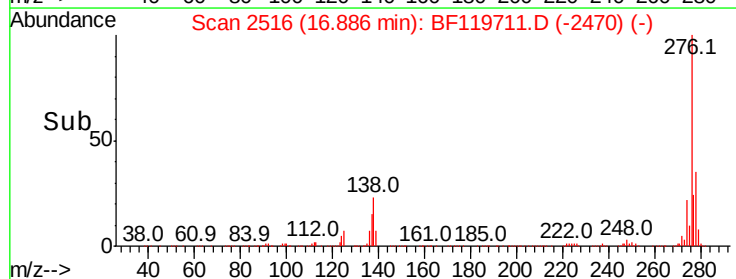
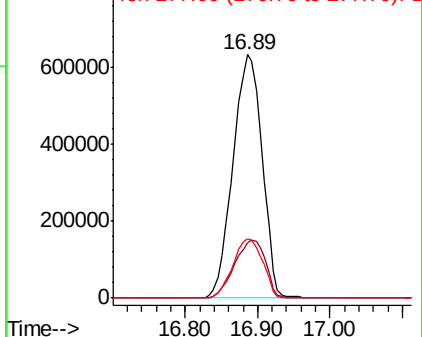
Lab File: BF119711.D

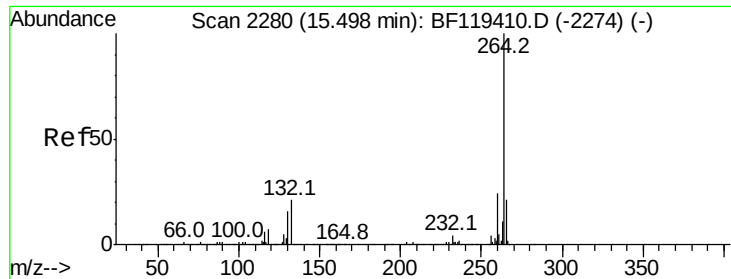
Acq: 3 Apr 2020 11:37

Tgt Ion:	276	Resp:	1767149
Ion	Ratio	Lower	Upper
276	100		
138	25.2	19.6	29.4
277	25.0	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: 15.43 min Scan# 2269

Delta R.T. -0.02 min

Lab File: BF119711.D

Acq: 3 Apr 2020 11:37

Instrument :

BNA_F

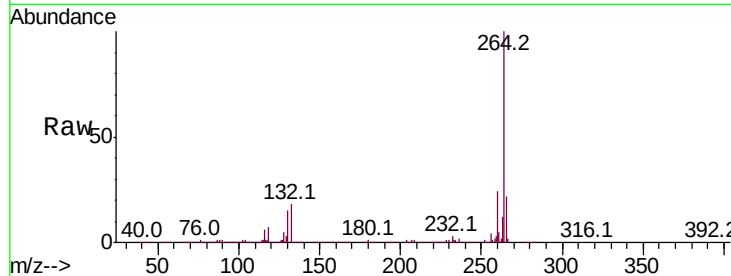
ClientSampleId :

PB127859BSD

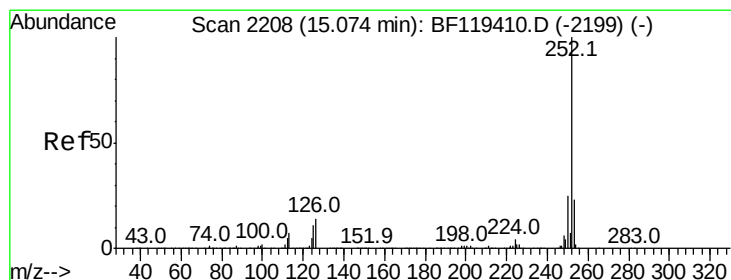
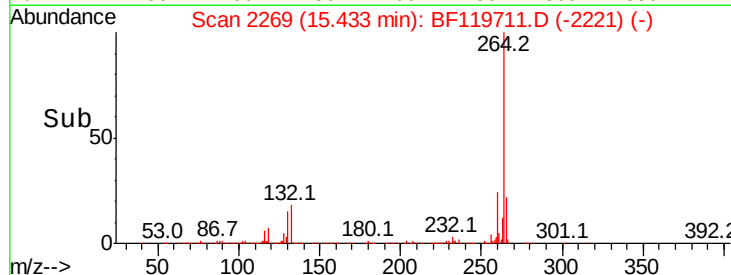
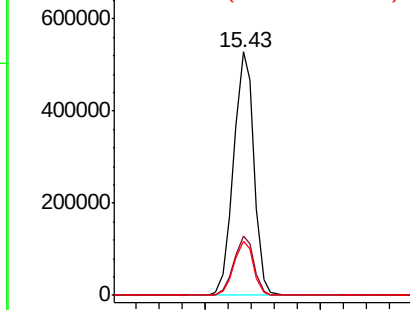
Tot Ion:	264	Resp:	645532
Ion Ratio	Lower	Upper	
264	100		
260	24.5	18.7	28.1
265	22.1	17.7	26.5

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Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 43.152 ng

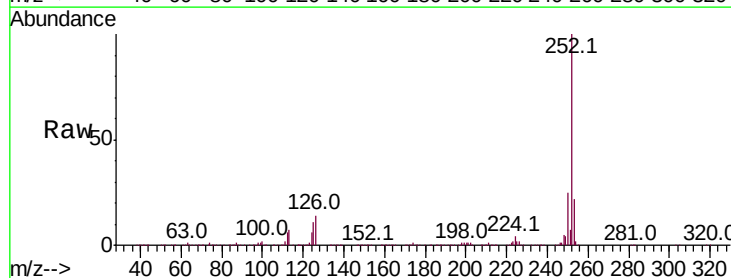
RT: 15.02 min Scan# 2198

Delta R.T. -0.01 min

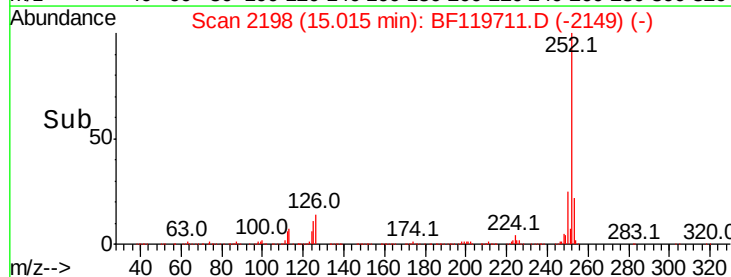
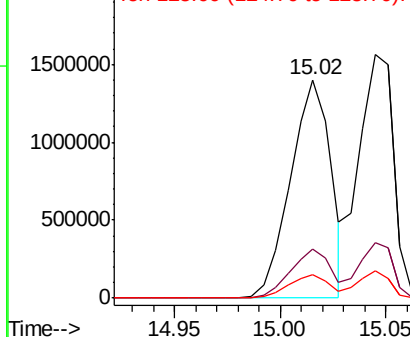
Lab File: BF119711.D

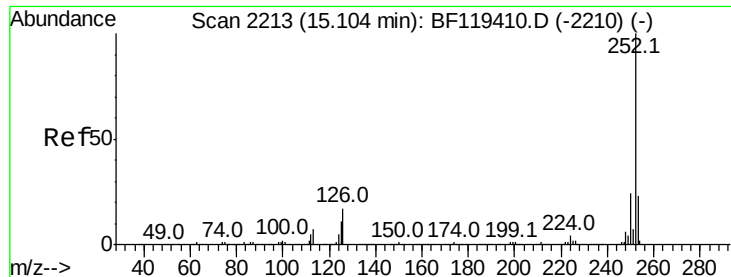
Acq: 3 Apr 2020 11:37

Tgt Ion:	252	Resp:	1860782
Ion Ratio	Lower	Upper	
252	100		
253	22.3	17.4	26.0
125	10.7	7.9	11.9



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





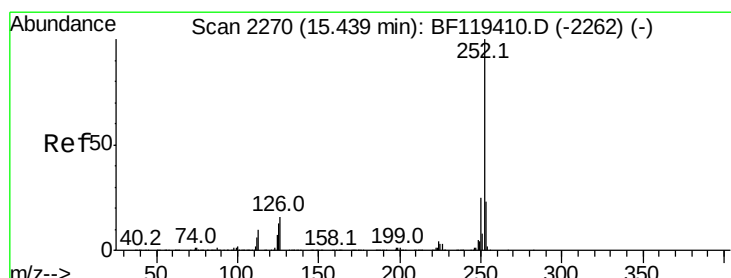
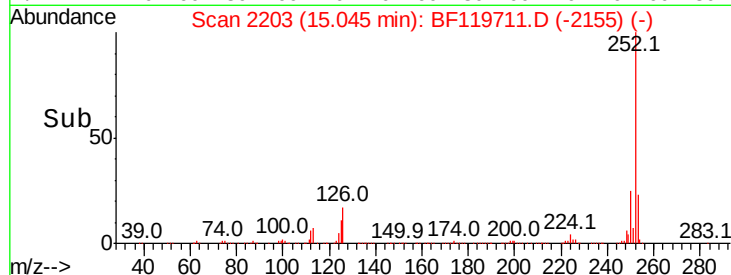
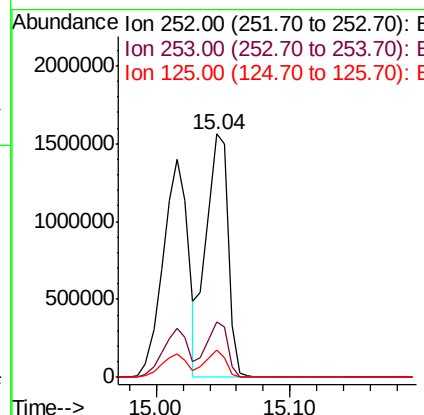
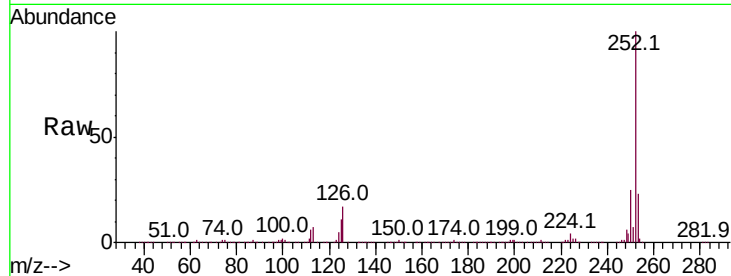
#89
Benzo(k)fluoranthene
Concen: 43.787 ng
RT: 15.04 min Scan# 2203
Delta R.T. -0.02 min
Lab File: BF119711.D
Acq: 3 Apr 2020 11:37

Instrument :
BNA_F
ClientSampleId :
PB127859BSD

Tot Ion:252 Resp: 1797902
Ion Ratio Lower Upper
252 100
253 22.5 17.8 26.6
125 11.5 8.4 12.6

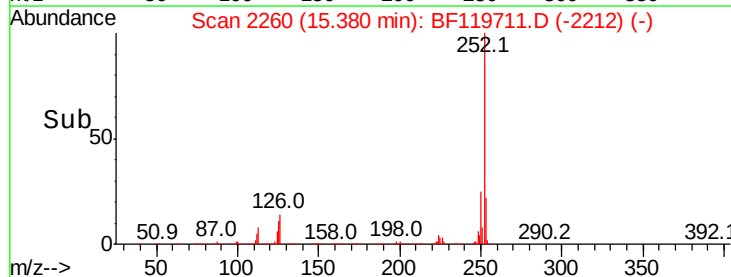
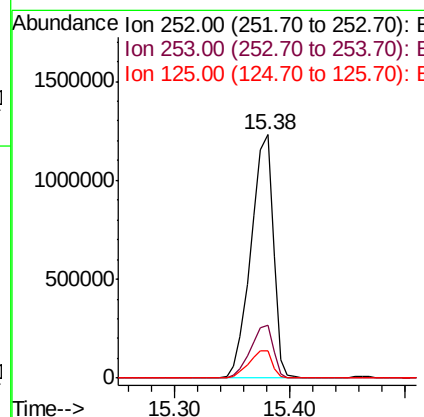
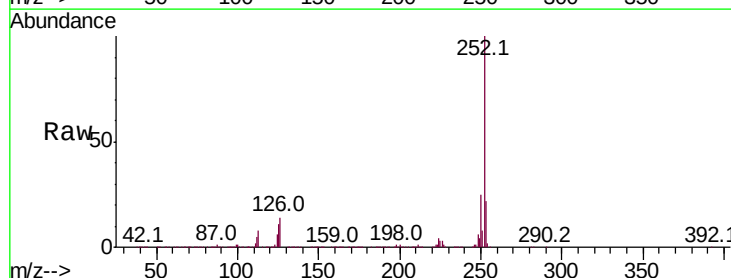
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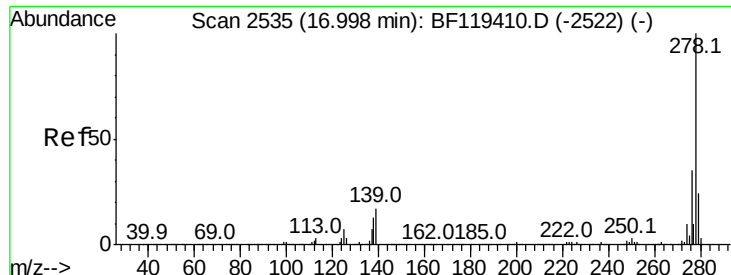
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#90
Benzo(a)pyrene
Concen: 42.433 ng
RT: 15.38 min Scan# 2260
Delta R.T. -0.02 min
Lab File: BF119711.D
Acq: 3 Apr 2020 11:37

Tgt Ion:252 Resp: 1662887
Ion Ratio Lower Upper
252 100
253 21.9 18.2 27.2
125 11.2 9.4 14.2





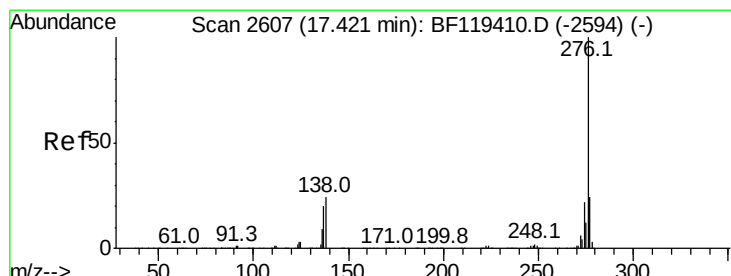
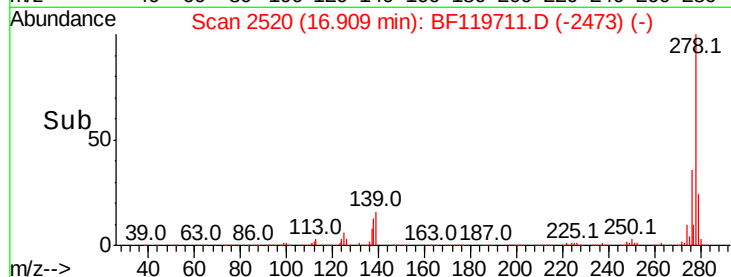
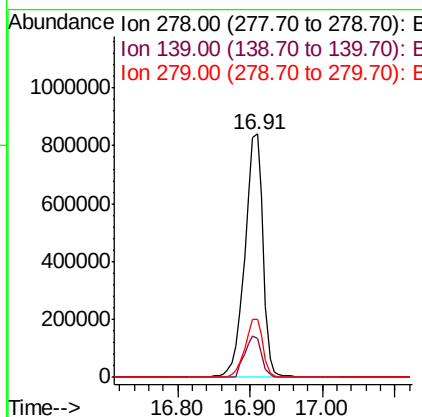
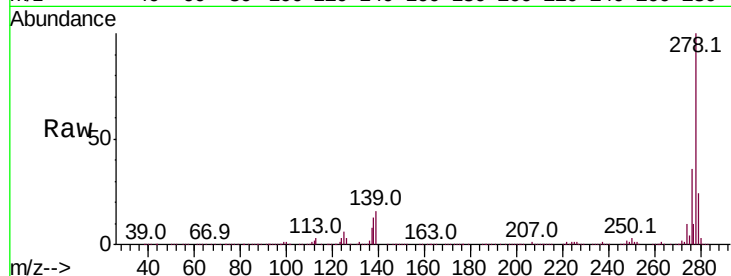
#91
Dibenzo(a,h)anthracene
Concen: 42.662 ng
RT: 16.91 min Scan# 2520
Delta R.T. -0.02 min
Lab File: BF119711.D
Acq: 3 Apr 2020 11:37

Instrument :
BNA_F
ClientSampleId :
PB127859BSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	16.0	12.6	19.0
279	24.0	19.0	28.6

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#92
Benzo(g,h,i)perylene
Concen: 42.482 ng
RT: 17.33 min Scan# 2591
Delta R.T. -0.03 min
Lab File: BF119711.D
Acq: 3 Apr 2020 11:37

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.7	18.4	27.6
138	21.3	15.4	23.0

