

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032321\
 Data File : BF123417.D
 Acq On : 23 Mar 2021 22:34
 Operator : JU/CG
 Sample : M1740-03
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TI-604

Quant Time: Mar 24 00:27:51 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF032321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 23 15:58:35 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

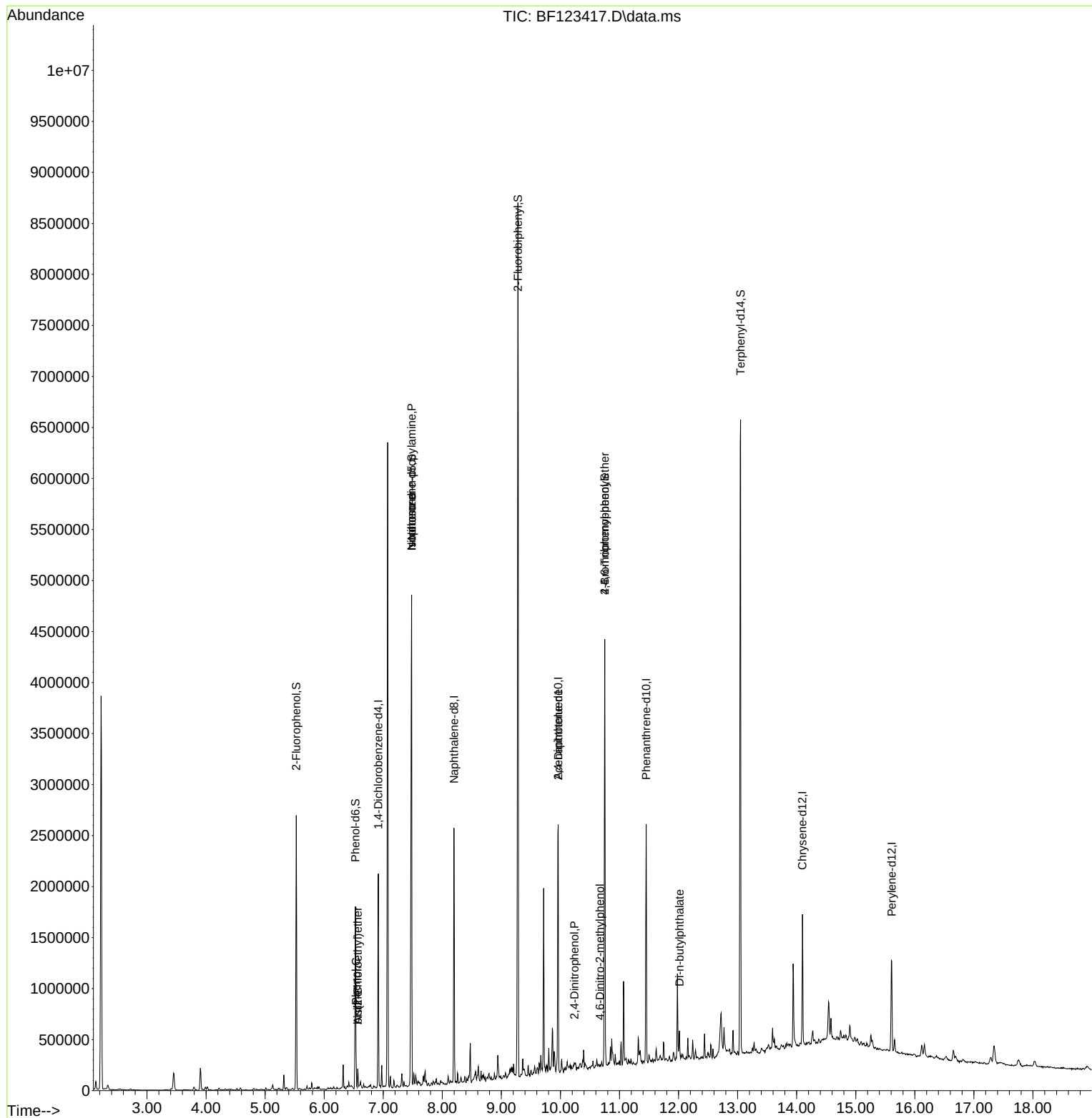
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.916	152	275189	20.00	ng	0.00
21) Naphthalene-d8	8.198	136	988832	20.00	ng	# 0.00
39) Acenaphthene-d10	9.963	164	512362	20.00	ng	0.00
64) Phenanthrene-d10	11.451	188	771978	20.00	ng	0.00
76) Chrysene-d12	14.098	240	404985	20.00	ng	0.00
86) Perylene-d12	15.609	264	455663	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	627599	37.31	ng	0.00
7) Phenol-d6	6.528	99	488962	21.84	ng	0.00
23) Nitrobenzene-d5	7.480	82	1607459	87.74	ng	0.00
42) 2,4,6-Tribromophenol	10.751	330	469186	81.91	ng	0.00
45) 2-Fluorobiphenyl	9.280	172	2766001	77.12	ng	0.00
79) Terphenyl-d14	13.051	244	2497205	104.50	ng	0.00
Target Compounds						Qvalue
6) Aniline	6.569	93	61954	2.26	ng	94
9) Benzaldehyde	6.457	77	2663	Below	Cal	82
10) Phenol	6.539	94	56335	2.45	ng	95
11) bis(2-Chloroethyl)ether	6.569	93	61954	3.38	ng	# 28
19) n-Nitroso-di-n-propyla...	7.480	70	219762	15.17	ng	# 79
25) Isophorone	7.480	82	1602866	40.69	ng	# 65
54) 2,4-Dinitrophenol	10.239	184	109	8.67	ng	# 1
57) 2,4-Dinitrotoluene	9.963	165	68339	7.20	ng	# 26
65) 4,6-Dinitro-2-methylph...	10.669	198	444	5.22	ng	# 1
67) 4-Bromophenyl-phenylether	10.751	248	28586	3.13	ng	# 1
74) Di-n-butylphthalate	12.015	149	107634	2.33	ng	98

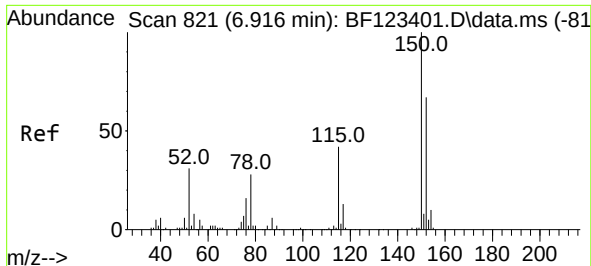
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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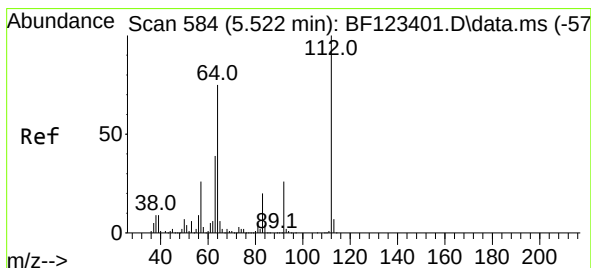
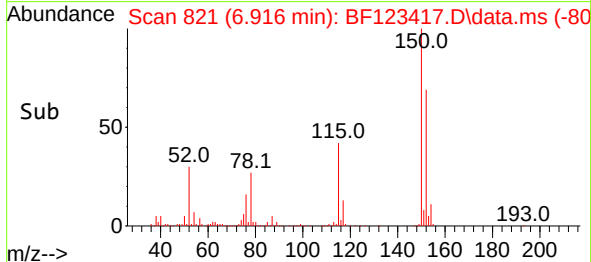
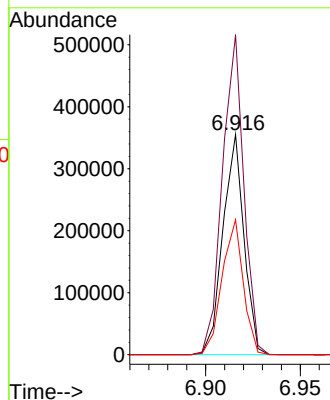
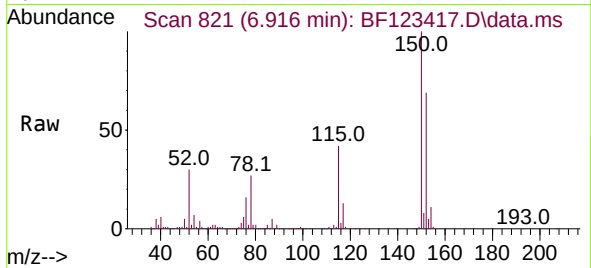




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.916 min Scan# 821
Delta R.T. -0.000 min
Lab File: BF123417.D
Acq: 23 Mar 2021 22:34

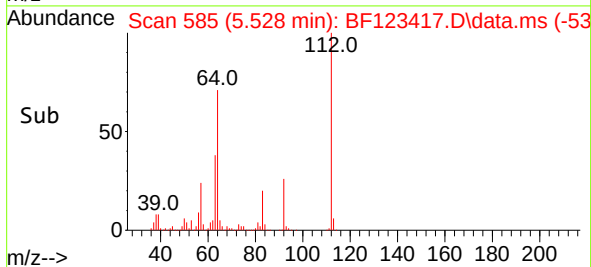
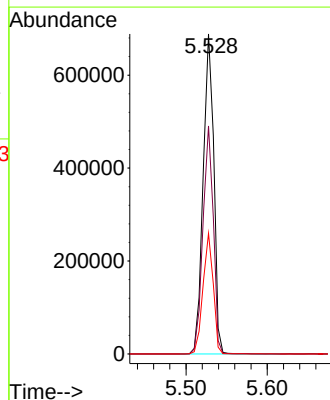
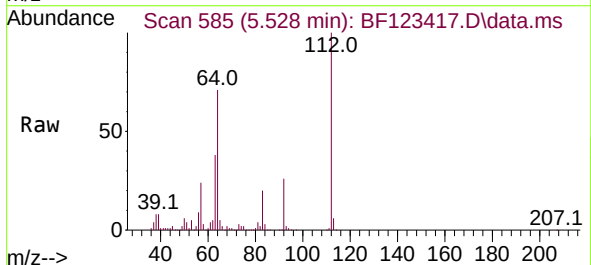
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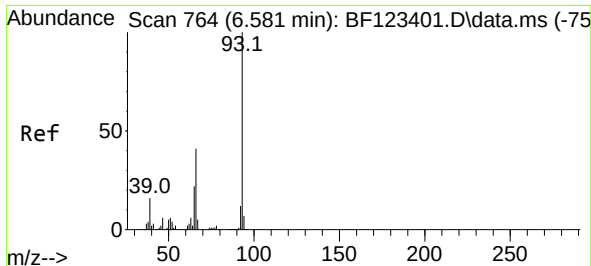
Tgt Ion:152 Resp: 275189
Ion Ratio Lower Upper
152 100
150 145.3 125.8 188.6
115 61.2 49.3 73.9



#5
2-Fluorophenol
Concen: 37.31 ng
RT: 5.528 min Scan# 585
Delta R.T. 0.006 min
Lab File: BF123417.D
Acq: 23 Mar 2021 22:34

Tgt Ion:112 Resp: 627599
Ion Ratio Lower Upper
112 100
64 71.3 46.9 70.3#
63 37.7 24.5 36.7#

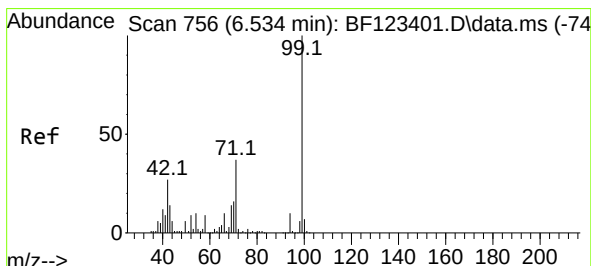
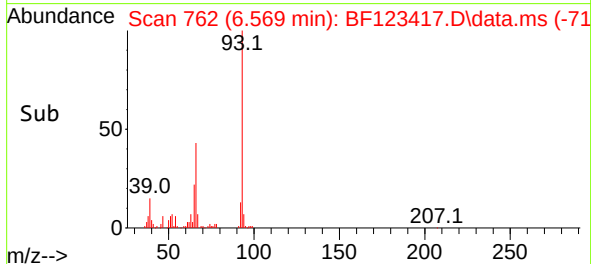
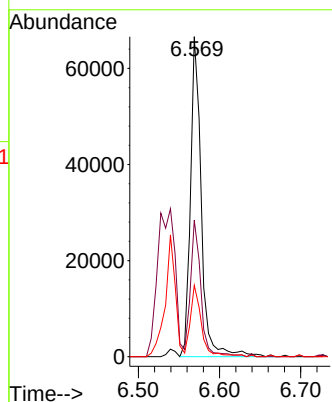
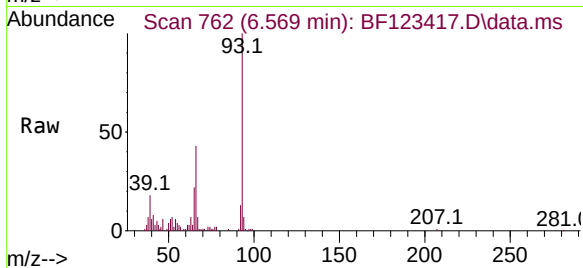




#6
Aniline
Concen: 2.26 ng
RT: 6.569 min Scan# 762
Delta R.T. -0.012 min
Lab File: BF123417.D
Acq: 23 Mar 2021 22:34

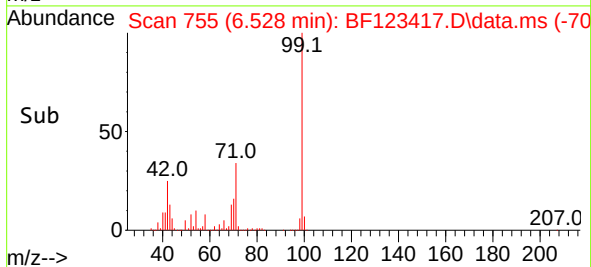
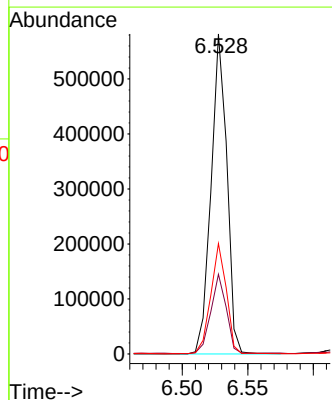
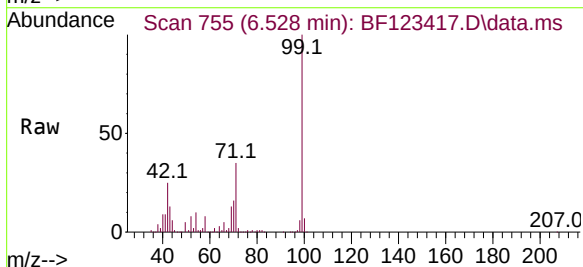
Instrument :
BNA_F
ClientSampleId :
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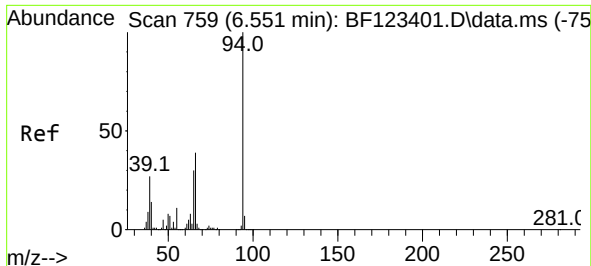
Tgt Ion: 93 Resp: 61954
Ion Ratio Lower Upper
93 100
66 42.6 31.3 46.9
65 22.3 15.6 23.4



#7
Phenol-d6
Concen: 21.84 ng
RT: 6.528 min Scan# 755
Delta R.T. -0.006 min
Lab File: BF123417.D
Acq: 23 Mar 2021 22:34

Tgt Ion: 99 Resp: 488962
Ion Ratio Lower Upper
99 100
42 24.9 13.8 20.6#
71 34.5 26.9 40.3

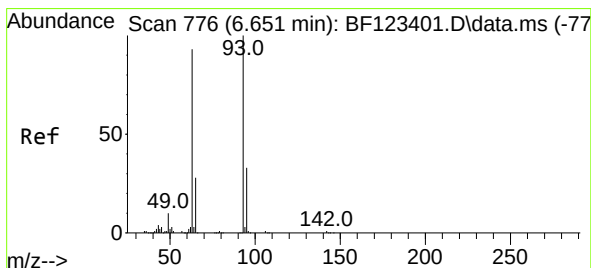
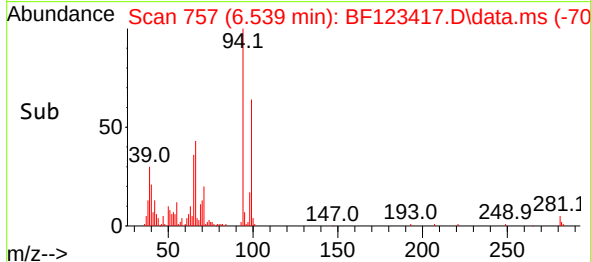
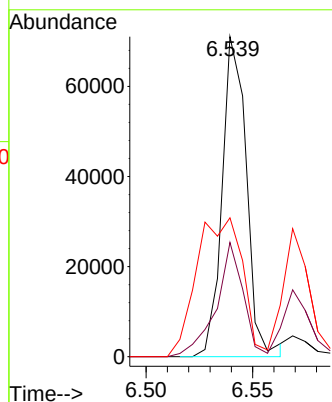
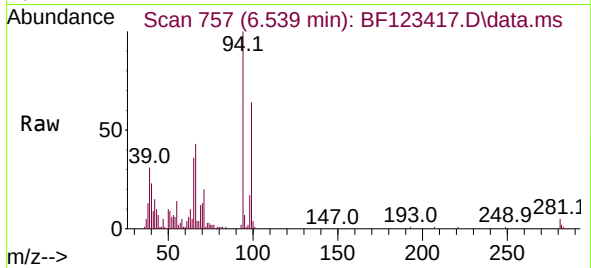




#10
Phenol
Concen: 2.45 ng
RT: 6.539 min Scan# 757
Delta R.T. -0.012 min
Lab File: BF123417.D
Acq: 23 Mar 2021 22:34

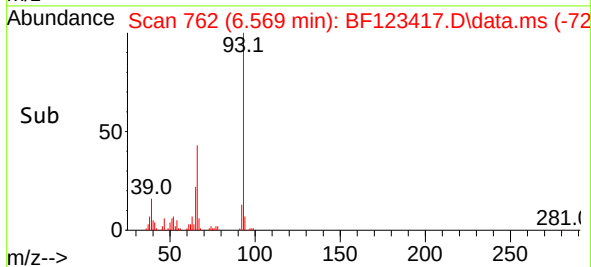
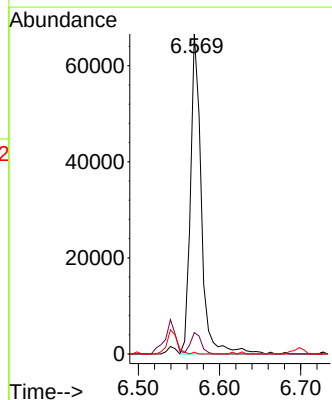
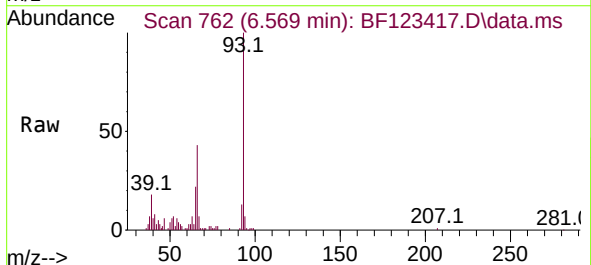
Instrument :
BNA_F
ClientSampleId :
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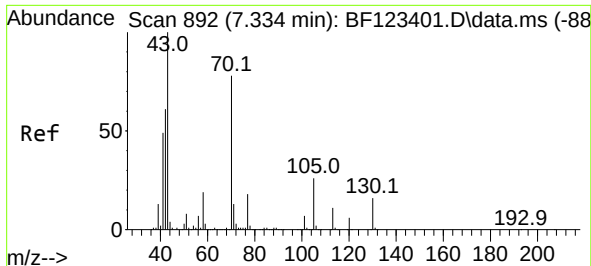
Tgt Ion: 94 Resp: 56335
Ion Ratio Lower Upper
94 100
65 35.7 11.2 51.2
66 43.4 25.8 65.8



#11
bis(2-Chloroethyl)ether
Concen: 3.38 ng
RT: 6.569 min Scan# 762
Delta R.T. -0.083 min
Lab File: BF123417.D
Acq: 23 Mar 2021 22:34

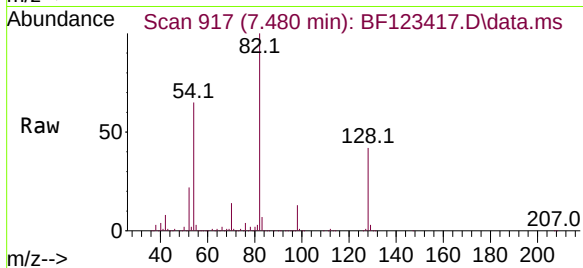
Tgt Ion: 93 Resp: 61954
Ion Ratio Lower Upper
93 100
63 6.7 52.6 92.6#
95 0.6 12.6 52.6#



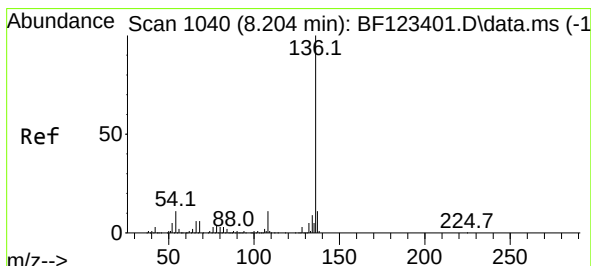
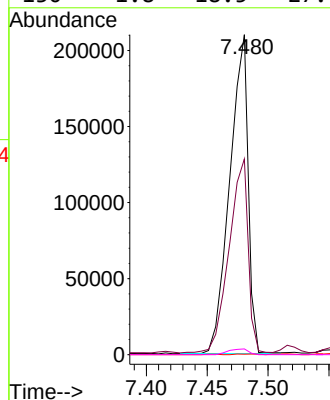
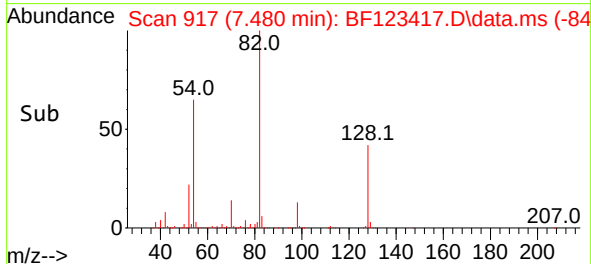


#19
n-Nitroso-di-n-propylamine
Concen: 15.17 ng
RT: 7.480 min Scan# 917
Delta R.T. 0.147 min
Lab File: BF123417.D
Acq: 23 Mar 2021 22:34

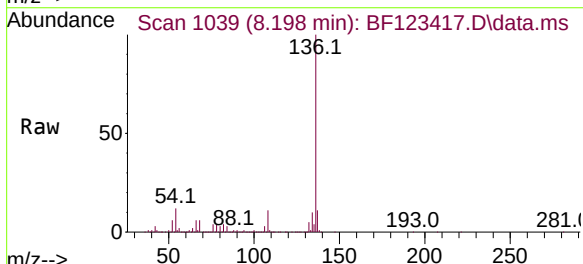
Instrument :
BNA_F
ClientSampleId :
TI-604



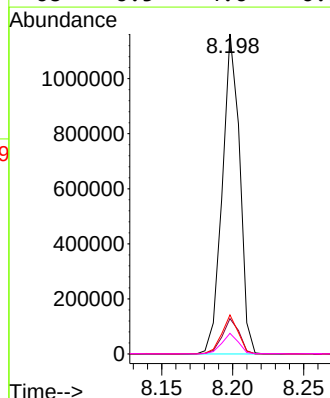
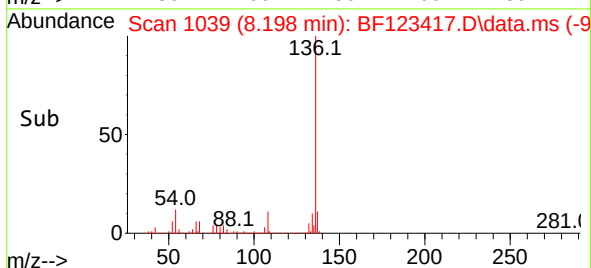
Tgt Ion: 70 Resp: 219762
Ion Ratio Lower Upper
70 100
42 61.1 43.0 64.4
101 0.1 7.9 11.9#
130 1.8 18.5 27.7#

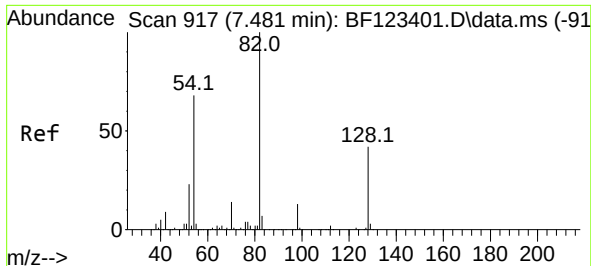


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.198 min Scan# 1039
Delta R.T. -0.006 min
Lab File: BF123417.D
Acq: 23 Mar 2021 22:34



Tgt Ion: 136 Resp: 988832
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 12.2 5.5 8.3#
68 6.5 4.6 6.8

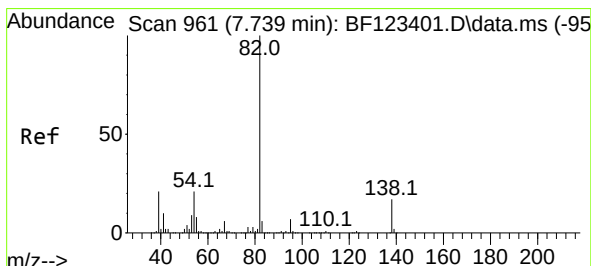
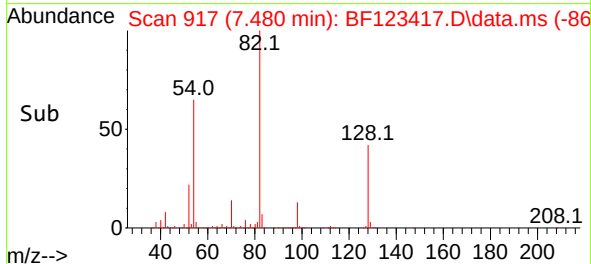
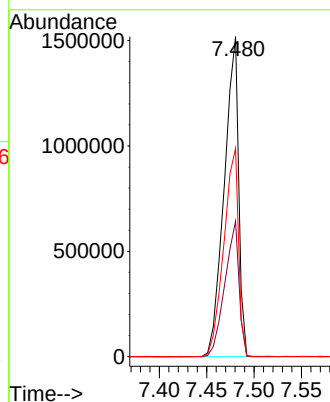
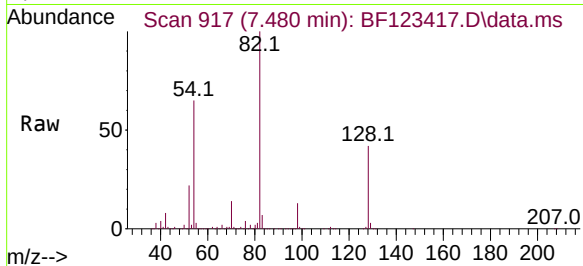




#23
Nitrobenzene-d5
Concen: 87.74 ng
RT: 7.480 min Scan# 917
Delta R.T. -0.000 min
Lab File: BF123417.D
Acq: 23 Mar 2021 22:34

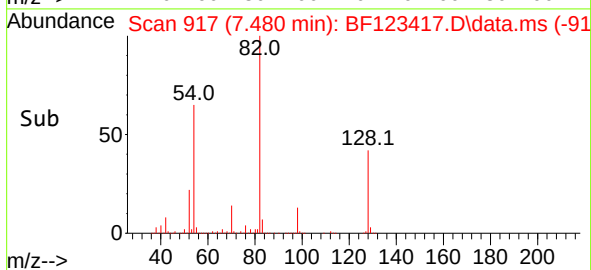
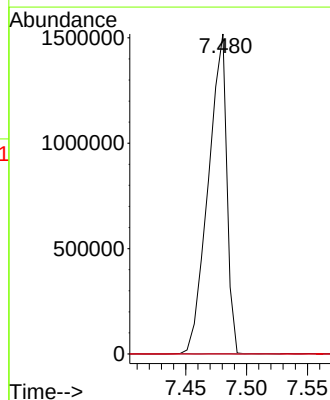
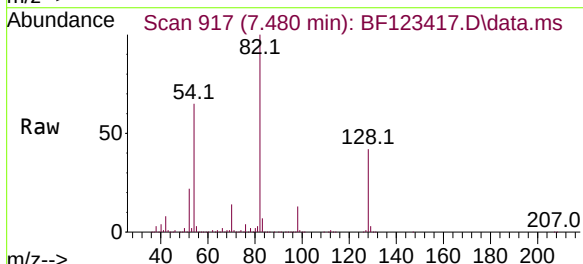
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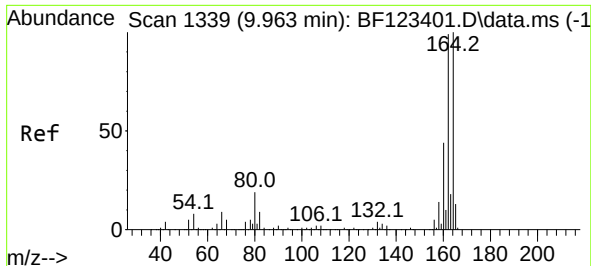
Tgt Ion: 82 Resp: 1607459
Ion Ratio Lower Upper
82 100
128 42.3 37.0 55.4
54 65.1 38.4 57.6#



#25
Isophorone
Concen: 40.69 ng
RT: 7.480 min Scan# 917
Delta R.T. -0.259 min
Lab File: BF123417.D
Acq: 23 Mar 2021 22:34

Tgt Ion: 82 Resp: 1602866
Ion Ratio Lower Upper
82 100
95 0.1 5.8 8.6#
138 0.0 14.6 21.8#

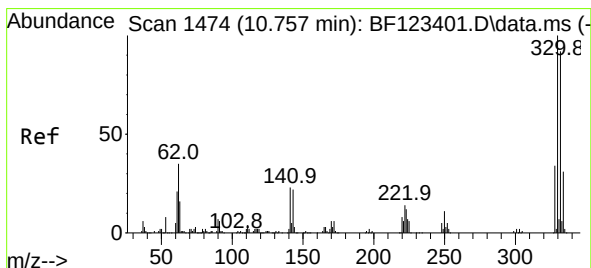
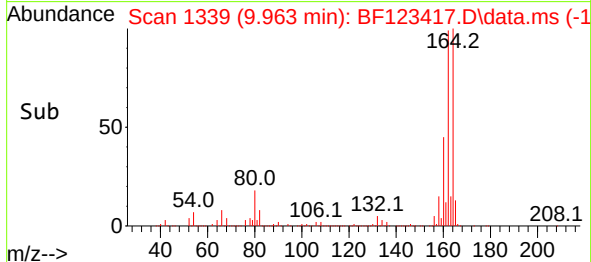
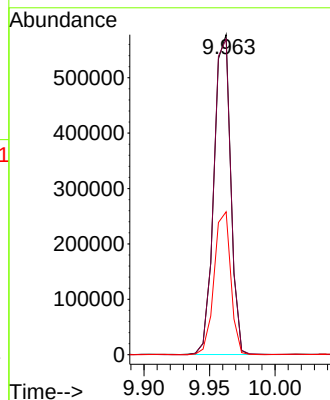
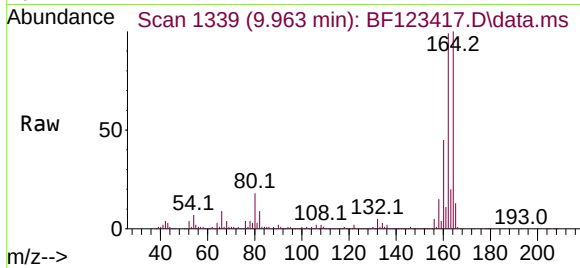




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.963 min Scan# 1339
Delta R.T. -0.000 min
Lab File: BF123417.D
Acq: 23 Mar 2021 22:34

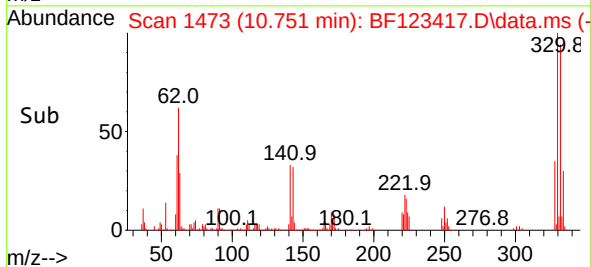
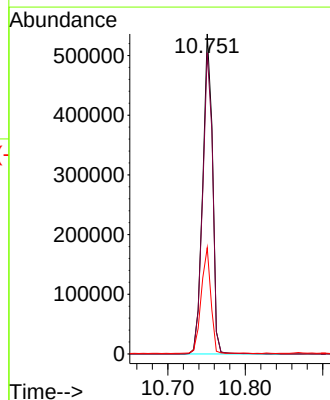
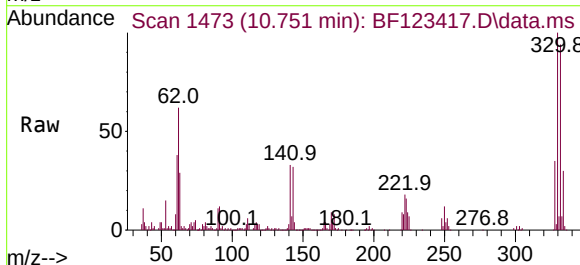
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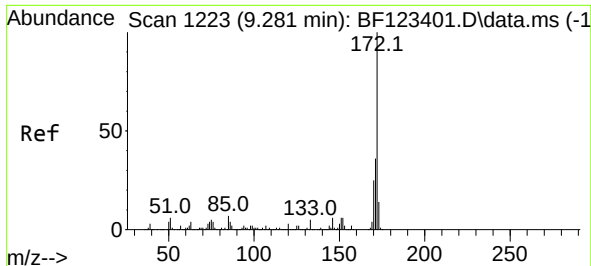
Tgt Ion:164 Resp: 512362
Ion Ratio Lower Upper
164 100
162 98.6 80.8 121.2
160 44.6 35.4 53.0



#42
2,4,6-Tribromophenol
Concen: 81.91 ng
RT: 10.751 min Scan# 1473
Delta R.T. -0.006 min
Lab File: BF123417.D
Acq: 23 Mar 2021 22:34

Tgt Ion:330 Resp: 469186
Ion Ratio Lower Upper
330 100
332 96.1 77.5 116.3
141 32.6 23.8 35.8

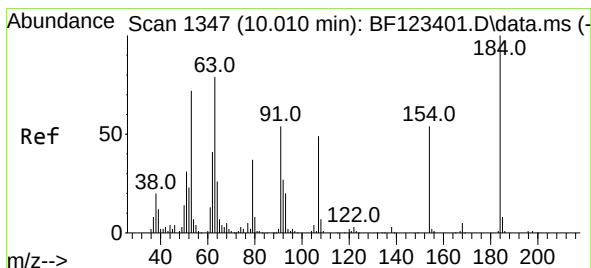
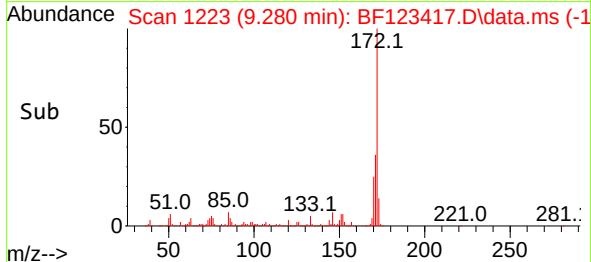
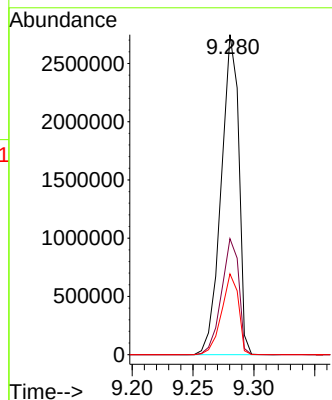
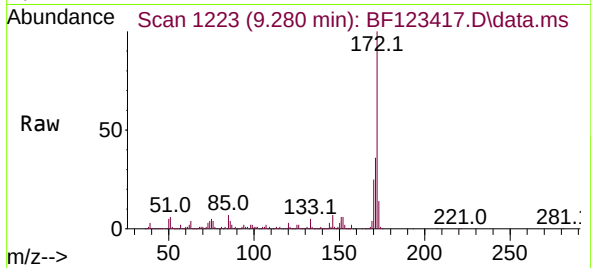




#45
2-Fluorobiphenyl
Concen: 77.12 ng
RT: 9.280 min Scan# 1223
Delta R.T. -0.001 min
Lab File: BF123417.D
Acq: 23 Mar 2021 22:34

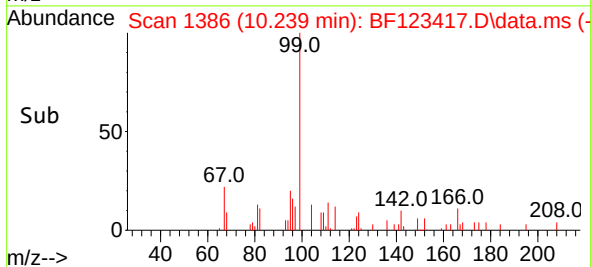
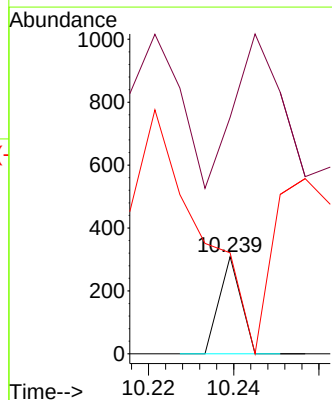
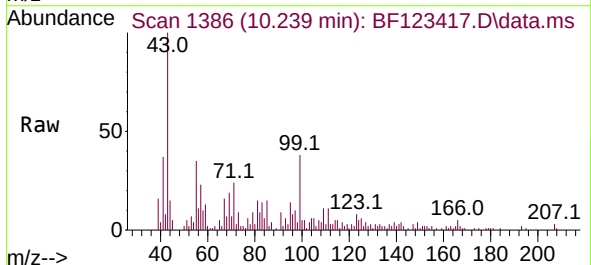
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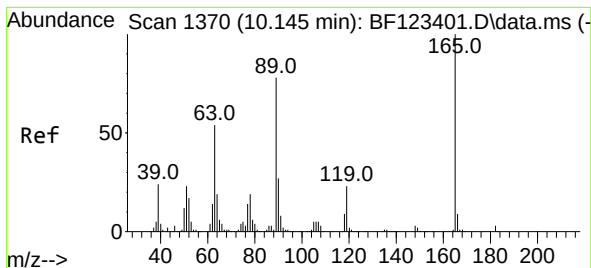
Tgt Ion:172 Resp: 2766001
Ion Ratio Lower Upper
172 100
171 36.2 29.6 44.4
170 25.3 19.5 29.3



#54
2,4-Dinitrophenol
Concen: 8.67 ng
RT: 10.239 min Scan# 1386
Delta R.T. 0.229 min
Lab File: BF123417.D
Acq: 23 Mar 2021 22:34

Tgt Ion:184 Resp: 109
Ion Ratio Lower Upper
184 100
63 243.4 51.4 77.2#
154 103.9 49.7 74.5#

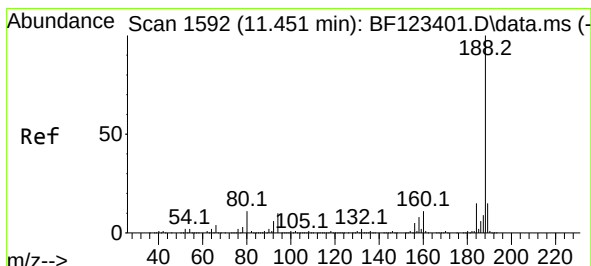
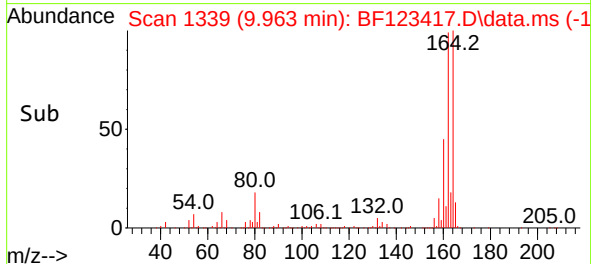
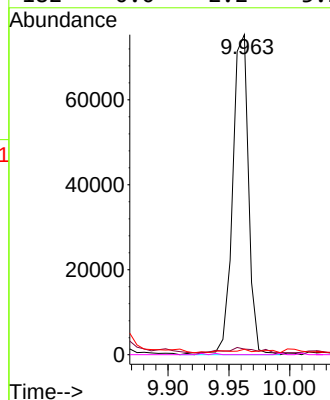
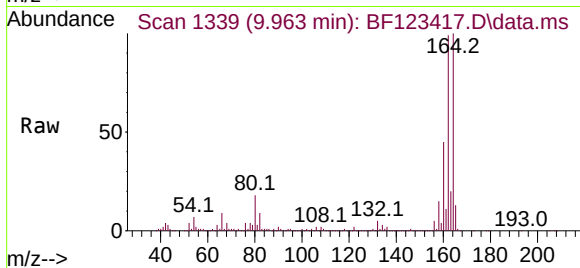




#57
2,4-Dinitrotoluene
Concen: 7.20 ng
RT: 9.963 min Scan# 1339
Delta R.T. -0.183 min
Lab File: BF123417.D
Acq: 23 Mar 2021 22:34

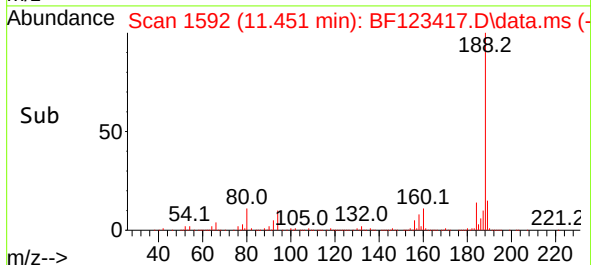
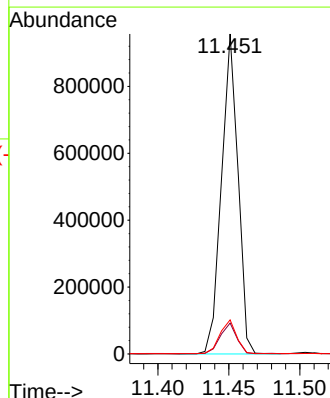
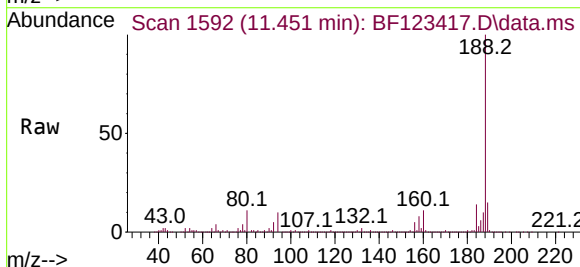
Instrument :
BNA_F
ClientSampled :
TI-604

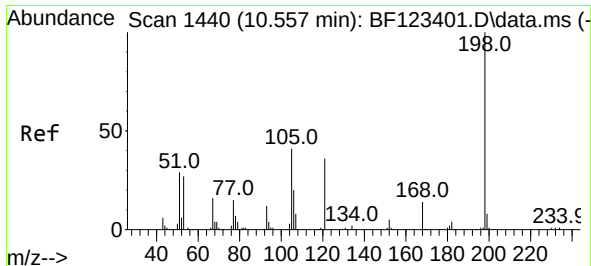
Tgt Ion:165 Resp: 68339
Ion Ratio Lower Upper
165 100
63 1.7 34.3 51.5#
89 1.7 55.2 82.8#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.451 min Scan# 1592
Delta R.T. -0.000 min
Lab File: BF123417.D
Acq: 23 Mar 2021 22:34

Tgt Ion:188 Resp: 771978
Ion Ratio Lower Upper
188 100
94 9.7 7.4 11.2
80 10.7 8.2 12.4

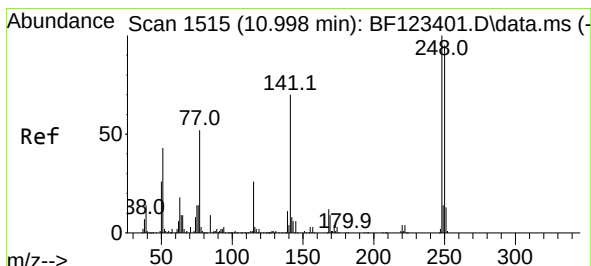
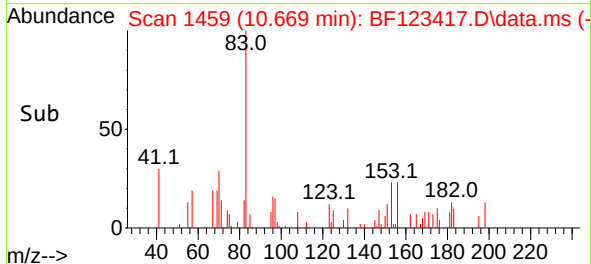
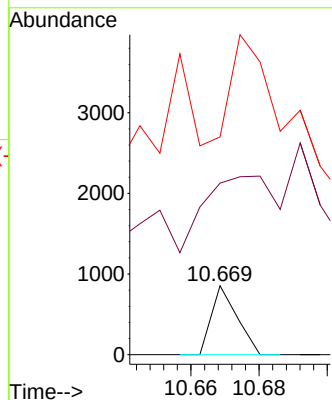
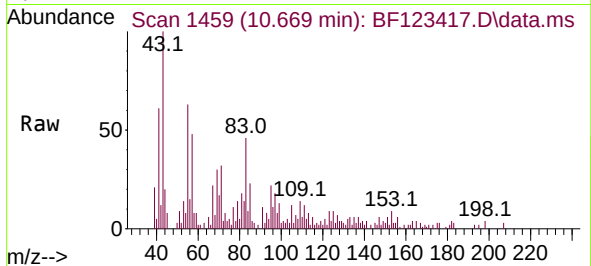




#65
4,6-Dinitro-2-methylphenol
Concen: 5.22 ng
RT: 10.669 min Scan# 1459
Delta R.T. 0.112 min
Lab File: BF123417.D
Acq: 23 Mar 2021 22:34

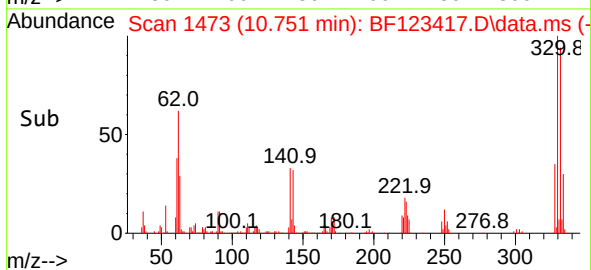
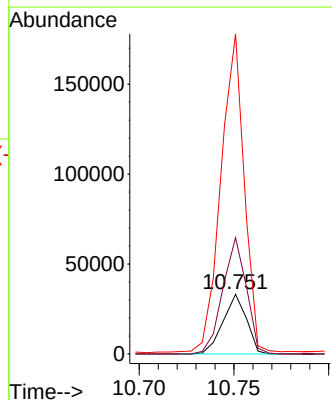
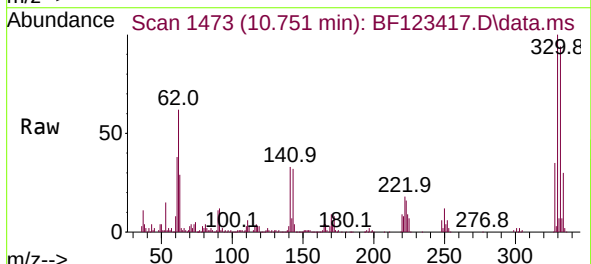
Instrument :
BNA_F
ClientSampleId :
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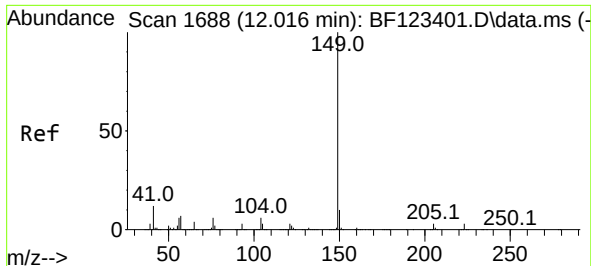
Tgt Ion:198 Resp: 444
Ion Ratio Lower Upper
198 100
51 248.7 20.3 60.3#
105 315.8 23.0 63.0#



#67
4-Bromophenyl-phenylether
Concen: 3.13 ng
RT: 10.751 min Scan# 1473
Delta R.T. -0.247 min
Lab File: BF123417.D
Acq: 23 Mar 2021 22:34

Tgt Ion:248 Resp: 28586
Ion Ratio Lower Upper
248 100
250 194.9 76.8 115.2#
141 536.3 59.8 89.8#

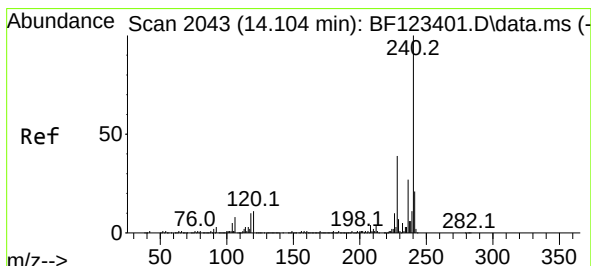
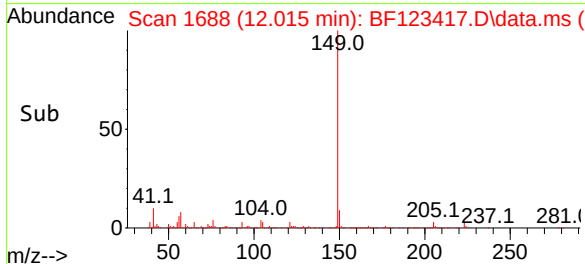
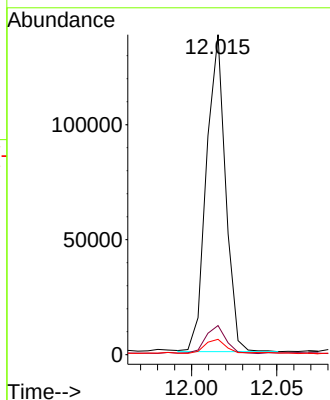
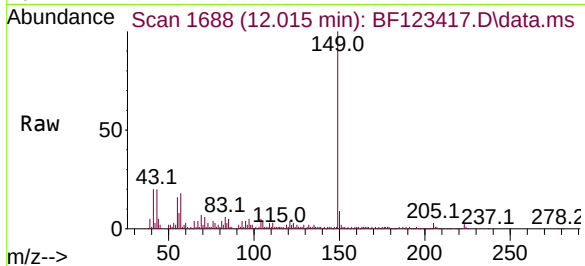




#74
Di-n-butylphthalate
Concen: 2.33 ng
RT: 12.015 min Scan# 1688
Delta R.T. -0.000 min
Lab File: BF123417.D
Acq: 23 Mar 2021 22:34

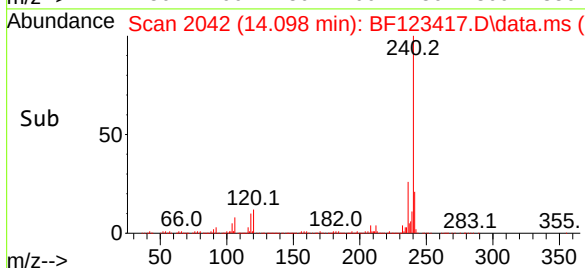
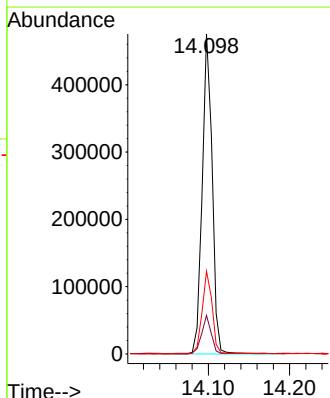
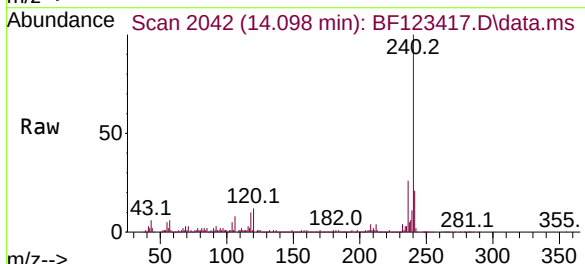
Instrument :
BNA_F
ClientSampleId :
TI-604

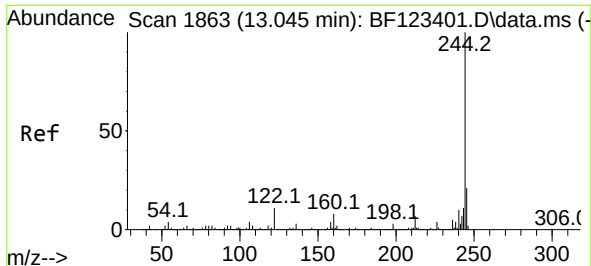
Tgt Ion:149 Resp: 107634
Ion Ratio Lower Upper
149 100
150 9.1 7.8 11.6
104 4.8 4.2 6.4



#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.098 min Scan# 2042
Delta R.T. -0.006 min
Lab File: BF123417.D
Acq: 23 Mar 2021 22:34

Tgt Ion:240 Resp: 404985
Ion Ratio Lower Upper
240 100
120 12.1 8.6 12.8
236 25.8 20.3 30.5

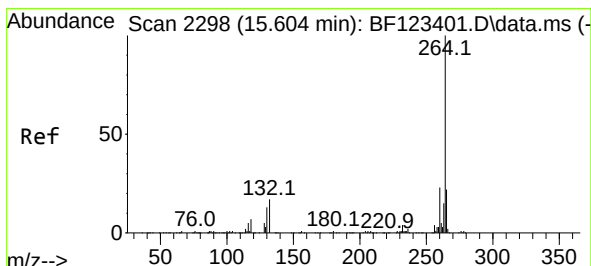
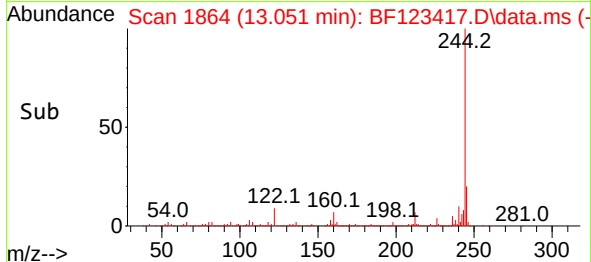
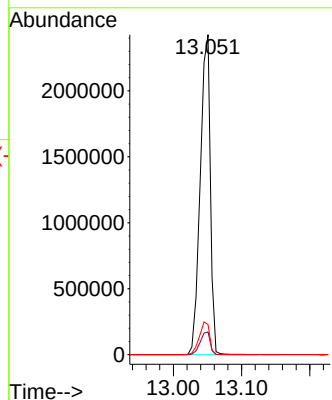
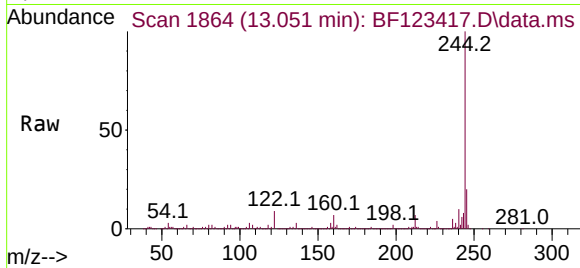




#79
Terphenyl-d14
Concen: 104.50 ng
RT: 13.051 min Scan# 1864
Delta R.T. 0.006 min
Lab File: BF123417.D
Acq: 23 Mar 2021 22:34

Instrument :
BNA_F
ClientSampleId :
TI-604

Tgt Ion:244 Resp: 2497205
Ion Ratio Lower Upper
244 100
212 7.1 5.7 8.5
122 9.4 8.3 12.5



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.609 min Scan# 2299
Delta R.T. 0.006 min
Lab File: BF123417.D
Acq: 23 Mar 2021 22:34

Tgt Ion:264 Resp: 455663
Ion Ratio Lower Upper
264 100
260 22.3 18.6 28.0
265 21.8 17.0 25.6

