

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032621\
 Data File : BF123483.D
 Acq On : 26 Mar 2021 13:16
 Operator : JU/CG
 Sample : PB135347BL
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB135347BL

Quant Time: Mar 26 14:11:52 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF032321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 26 12:51:59 2021
 Response via : Initial Calibration

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

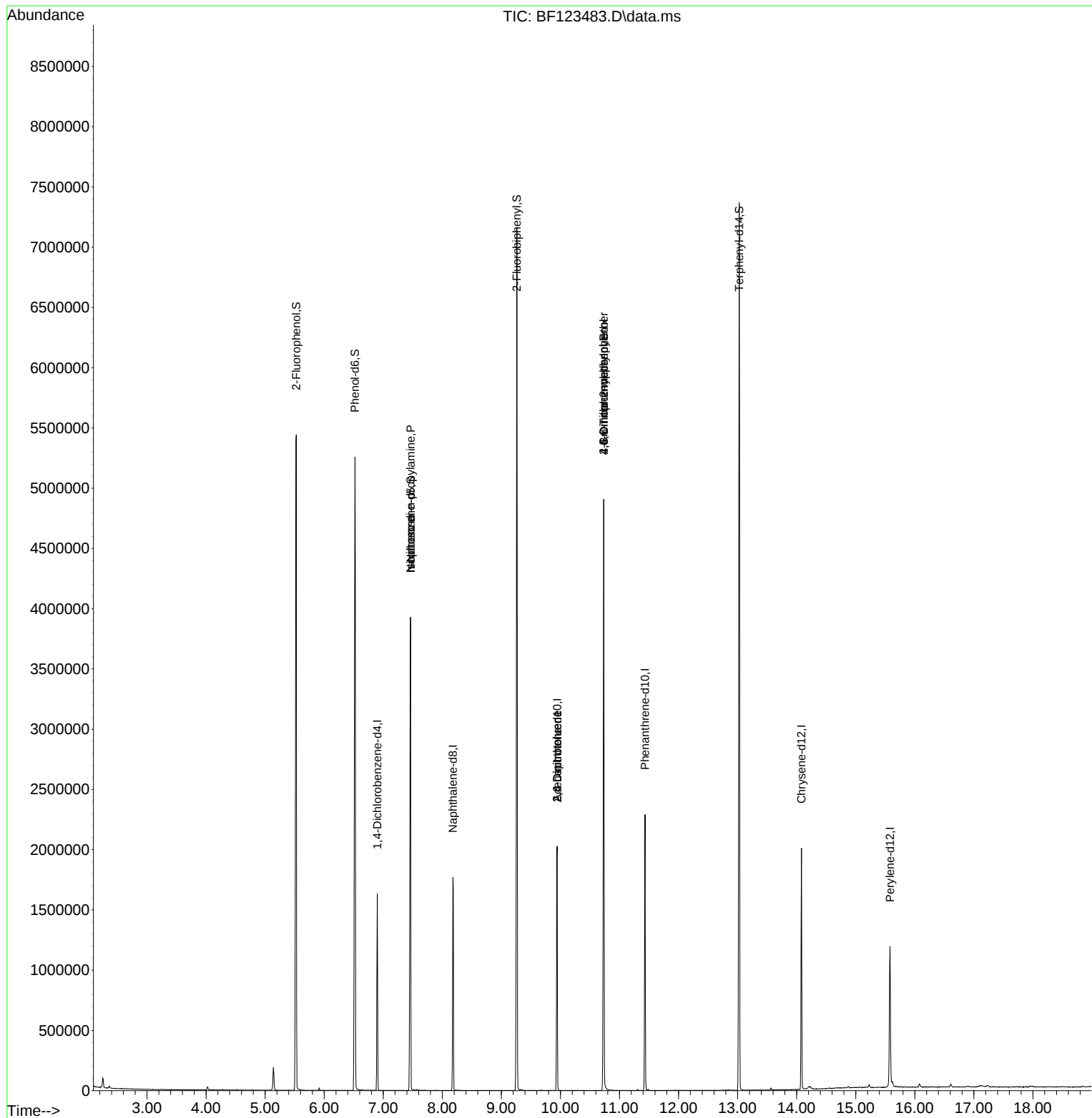
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	216675	20.00	ng	0.00
21) Naphthalene-d8	8.181	136	800248	20.00	ng	# 0.00
39) Acenaphthene-d10	9.945	164	443810	20.00	ng	0.00
64) Phenanthrene-d10	11.433	188	782849	20.00	ng	0.00
76) Chrysene-d12	14.080	240	653349	20.00	ng	0.00
86) Perylene-d12	15.580	264	555988	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	1544635	116.62	ng	0.01
7) Phenol-d6	6.522	99	1951702	110.70	ng	0.00
23) Nitrobenzene-d5	7.463	82	1303330	87.90	ng	0.00
42) 2,4,6-Tribromophenol	10.733	330	596823	120.28	ng	0.00
45) 2-Fluorobiphenyl	9.263	172	2309151	74.33	ng	0.00
79) Terphenyl-d14	13.027	244	2708302	70.25	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.522	77	3196	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.463	70	177918	15.60	ng	# 83
25) Isophorone	7.463	82	1303319	40.88	ng	# 65
51) 2,6-Dinitrotoluene	9.945	165	58454	8.88	ng	# 31
57) 2,4-Dinitrotoluene	9.945	165	58454	7.11	ng	# 25
65) 4,6-Dinitro-2-methylph...	10.733	198	1107	5.36	ng	# 1
67) 4-Bromophenyl-phenylether	10.733	248	35169	3.79	ng	# 1

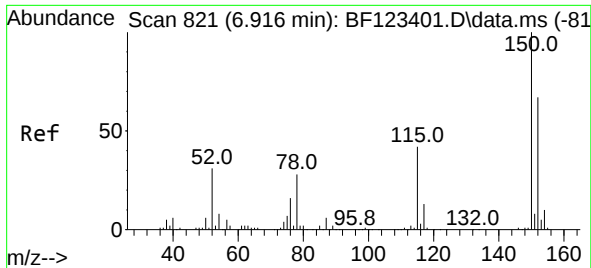
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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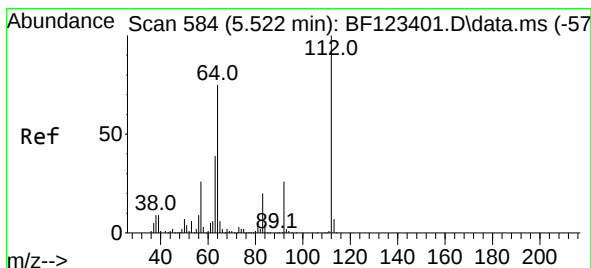
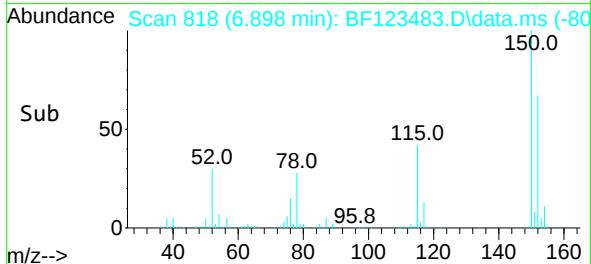
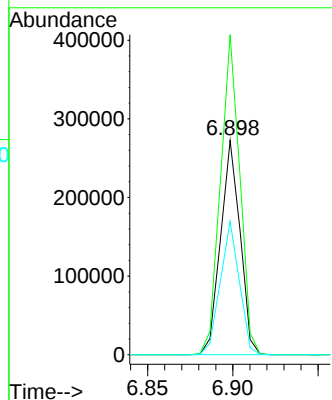
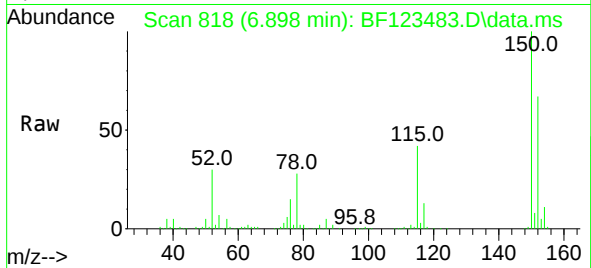




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.898 min Scan# 818
Delta R.T. 0.000 min
Lab File: BF123483.D
Acq: 26 Mar 2021 13:16

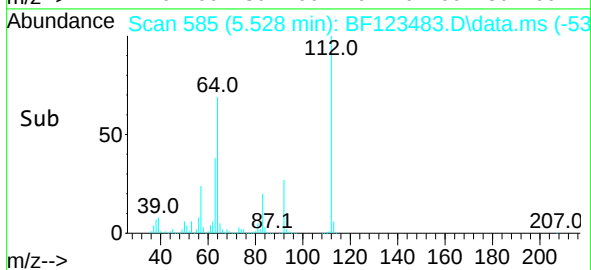
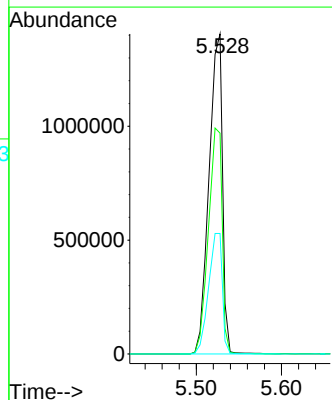
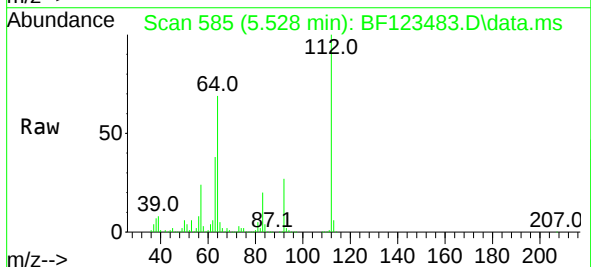
Instrument :
BNA_F
ClientSampleId :
PB135347BL

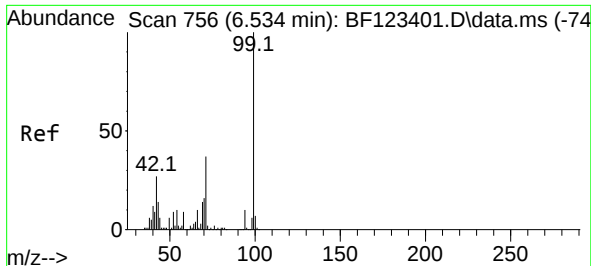
Tgt Ion:152 Resp: 216675
Ion Ratio Lower Upper
152 100
150 149.3 125.8 188.6
115 62.2 49.3 73.9



#5
2-Fluorophenol
Concen: 116.62 ng
RT: 5.528 min Scan# 585
Delta R.T. 0.012 min
Lab File: BF123483.D
Acq: 26 Mar 2021 13:16

Tgt Ion:112 Resp: 1544635
Ion Ratio Lower Upper
112 100
64 69.0 46.9 70.3
63 37.7 24.5 36.7#

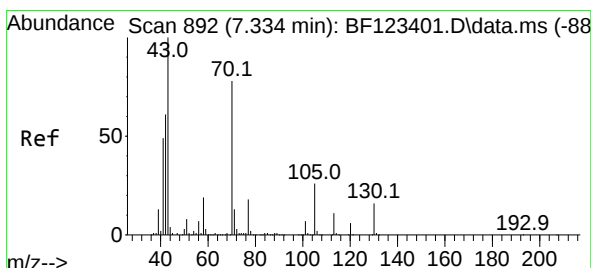
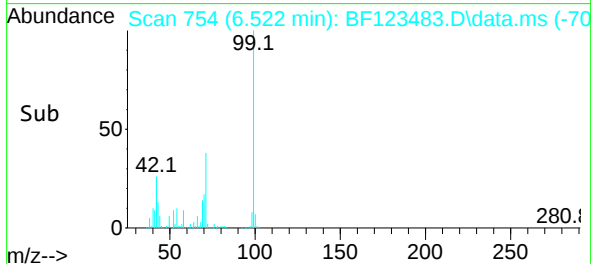
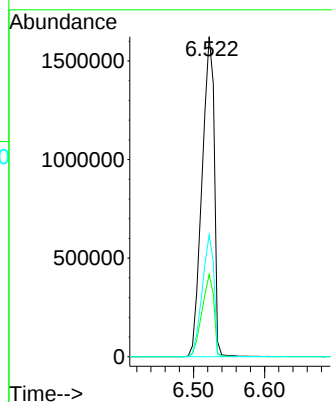
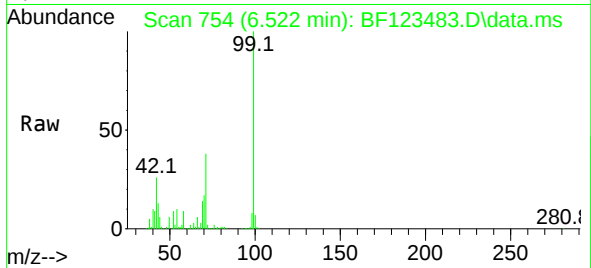




#7
Phenol-d6
Concen: 110.70 ng
RT: 6.522 min Scan# 754
Delta R.T. -0.006 min
Lab File: BF123483.D
Acq: 26 Mar 2021 13:16

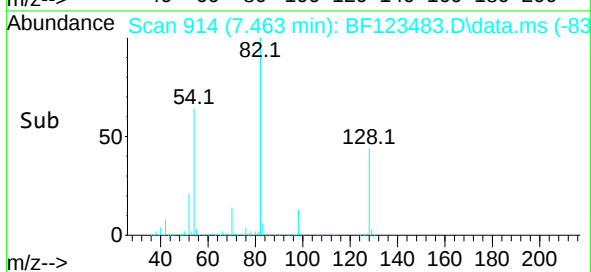
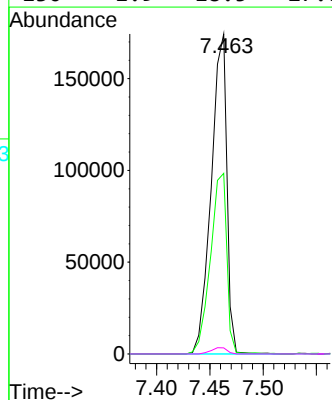
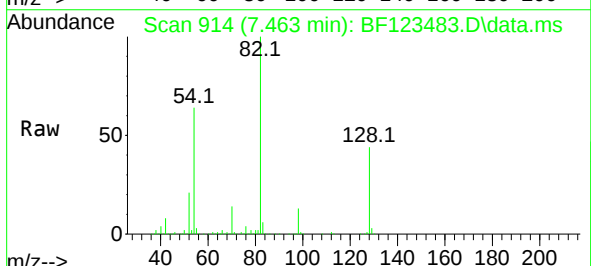
Instrument :
BNA_F
ClientSampleId :
PB135347BL

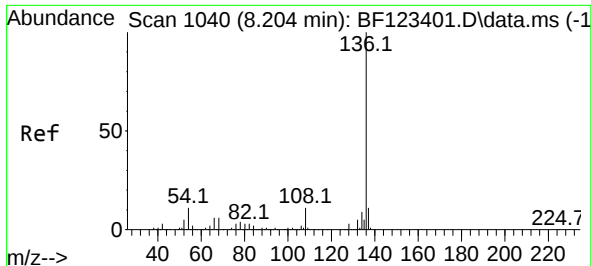
Tgt Ion: 99 Resp: 1951702
Ion Ratio Lower Upper
99 100
42 25.7 13.8 20.6#
71 38.1 26.9 40.3



#19
n-Nitroso-di-n-propylamine
Concen: 15.60 ng
RT: 7.463 min Scan# 914
Delta R.T. 0.147 min
Lab File: BF123483.D
Acq: 26 Mar 2021 13:16

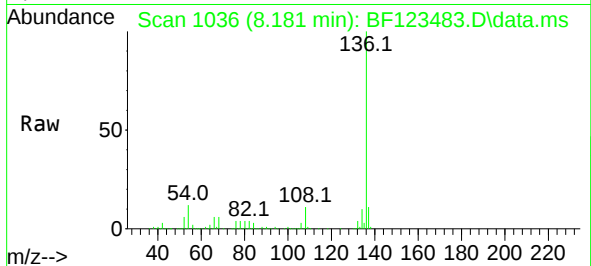
Tgt Ion: 70 Resp: 177918
Ion Ratio Lower Upper
70 100
42 56.4 43.0 64.4
101 0.0 7.9 11.9#
130 1.9 18.5 27.7#



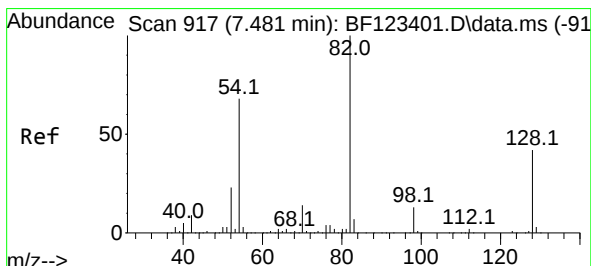
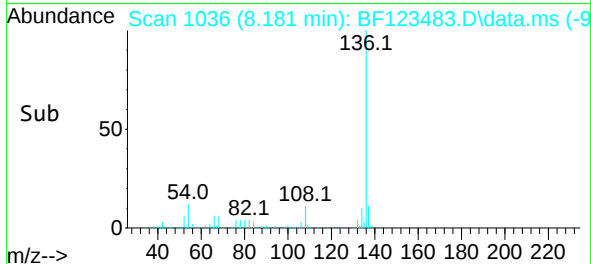
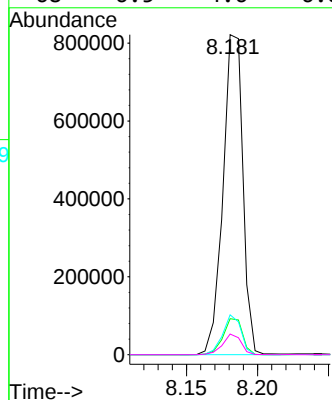


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.181 min Scan# 1036
Delta R.T. -0.006 min
Lab File: BF123483.D
Acq: 26 Mar 2021 13:16

Instrument :
BNA_F
ClientSampleId :
PB135347BL

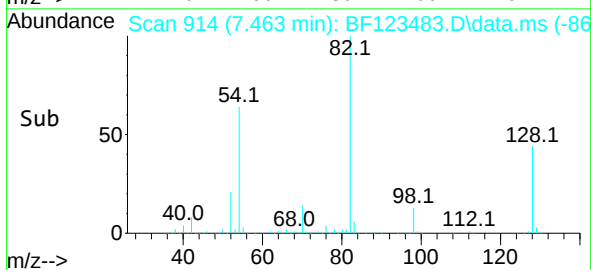
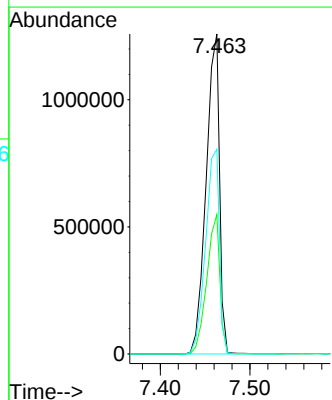
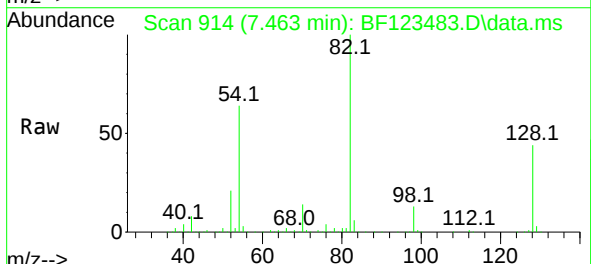


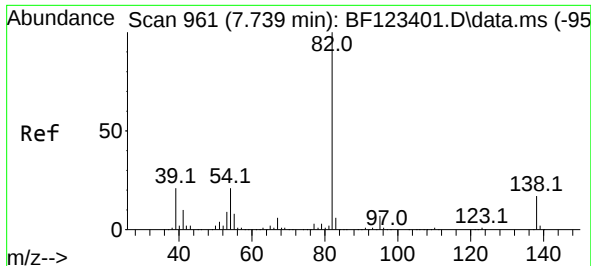
Tgt Ion:136 Resp: 800248
Ion Ratio Lower Upper
136 100
137 11.2 8.8 13.2
54 12.5 5.5 8.3#
68 6.5 4.6 6.8



#23
Nitrobenzene-d5
Concen: 87.90 ng
RT: 7.463 min Scan# 914
Delta R.T. 0.000 min
Lab File: BF123483.D
Acq: 26 Mar 2021 13:16

Tgt Ion: 82 Resp: 1303330
Ion Ratio Lower Upper
82 100
128 43.6 37.0 55.4
54 63.9 38.4 57.6#

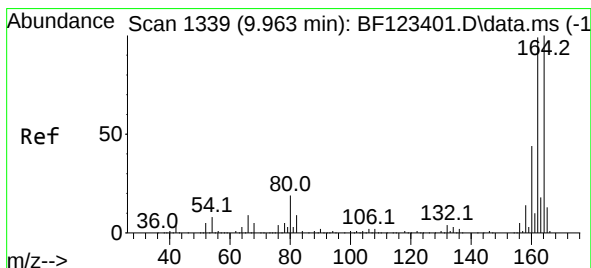
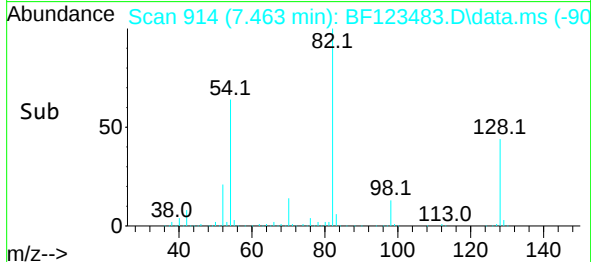
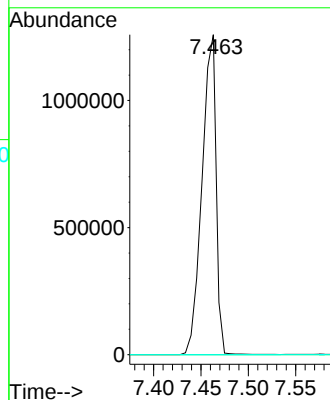
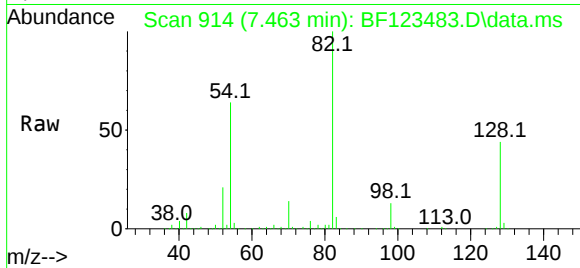




#25
Isophorone
Concen: 40.88 ng
RT: 7.463 min Scan# 914
Delta R.T. -0.259 min
Lab File: BF123483.D
Acq: 26 Mar 2021 13:16

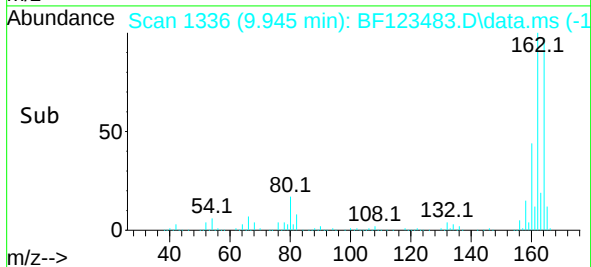
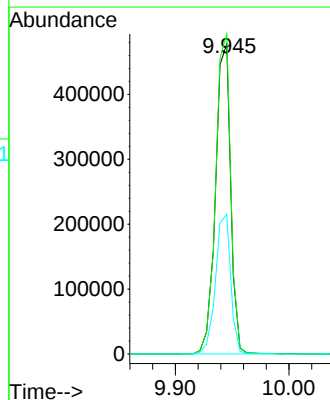
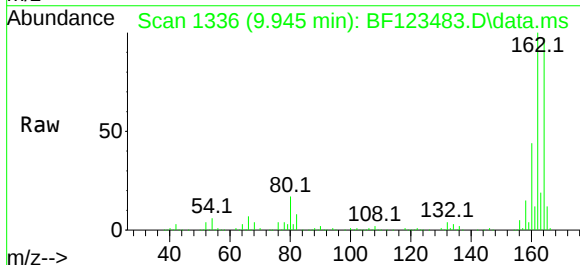
Instrument :
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ClientSampleId :
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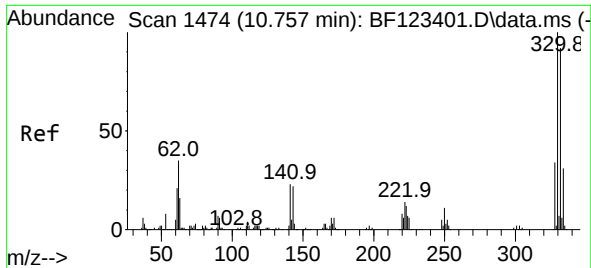
Tgt Ion: 82 Resp: 1303319
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 14.6 21.8#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.945 min Scan# 1336
Delta R.T. 0.000 min
Lab File: BF123483.D
Acq: 26 Mar 2021 13:16

Tgt Ion:164 Resp: 443810
Ion Ratio Lower Upper
164 100
162 103.2 80.8 121.2
160 45.0 35.4 53.0

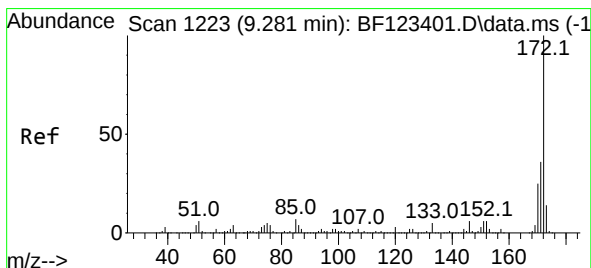
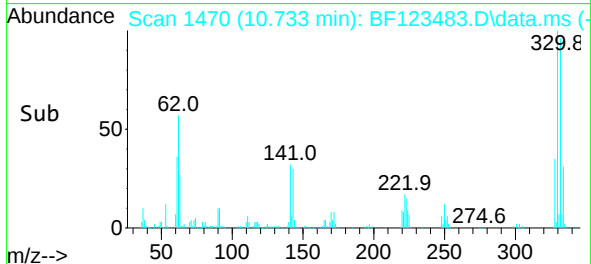
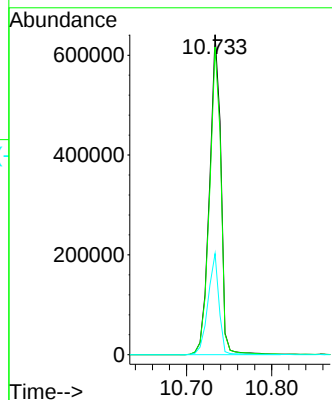
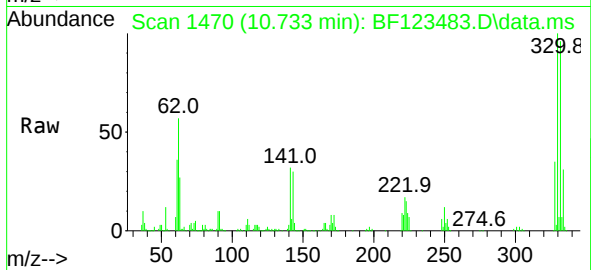




#42
2,4,6-Tribromophenol
Concen: 120.28 ng
RT: 10.733 min Scan# 1470
Delta R.T. -0.006 min
Lab File: BF123483.D
Acq: 26 Mar 2021 13:16

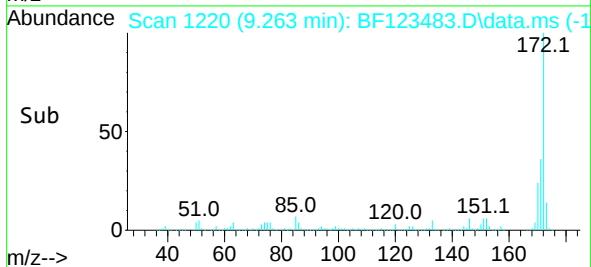
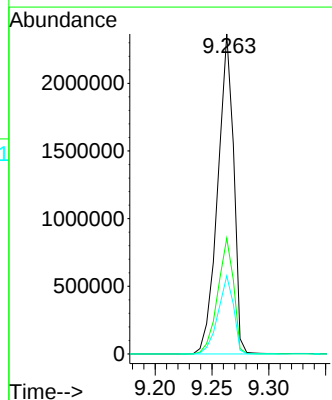
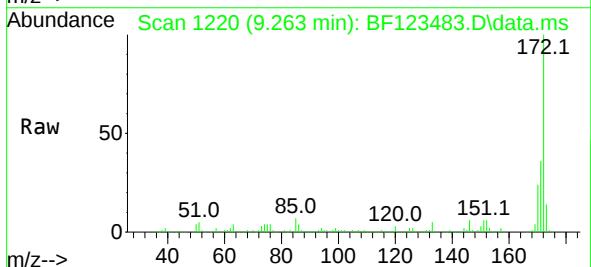
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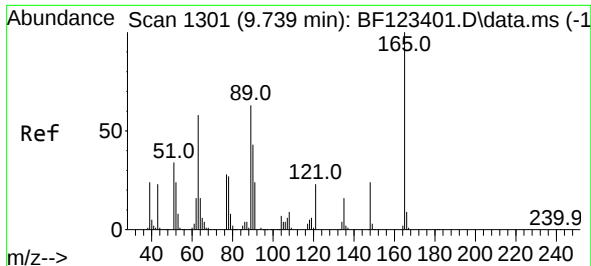
Tgt Ion: 330 Resp: 596823
Ion Ratio Lower Upper
330 100
332 95.7 77.5 116.3
141 30.5 23.8 35.8



#45
2-Fluorobiphenyl
Concen: 74.33 ng
RT: 9.263 min Scan# 1220
Delta R.T. 0.000 min
Lab File: BF123483.D
Acq: 26 Mar 2021 13:16

Tgt Ion: 172 Resp: 2309151
Ion Ratio Lower Upper
172 100
171 36.2 29.6 44.4
170 24.4 19.5 29.3

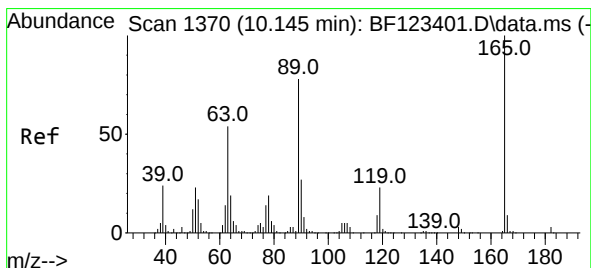
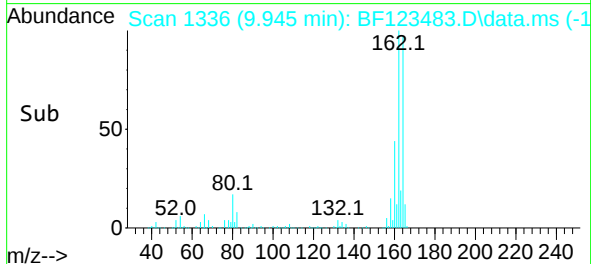
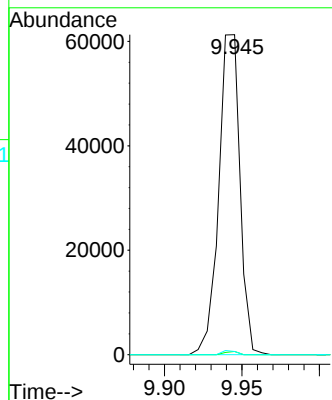
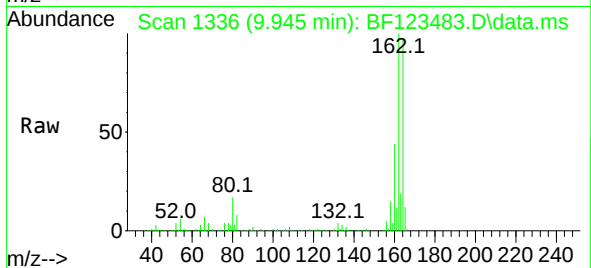




#51
2,6-Dinitrotoluene
Concen: 8.88 ng
RT: 9.945 min Scan# 1336
Delta R.T. 0.218 min
Lab File: BF123483.D
Acq: 26 Mar 2021 13:16

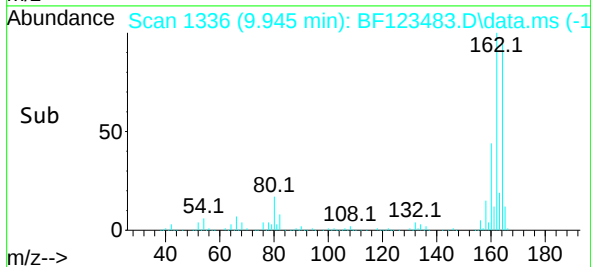
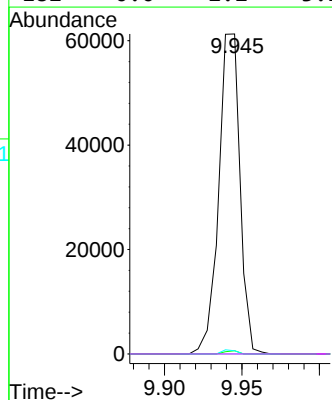
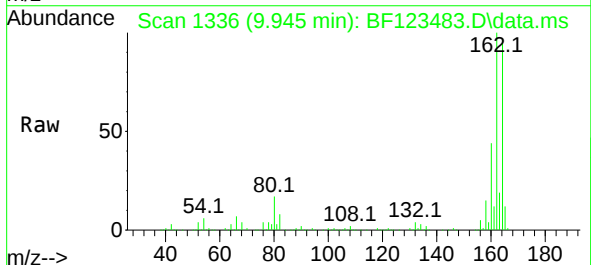
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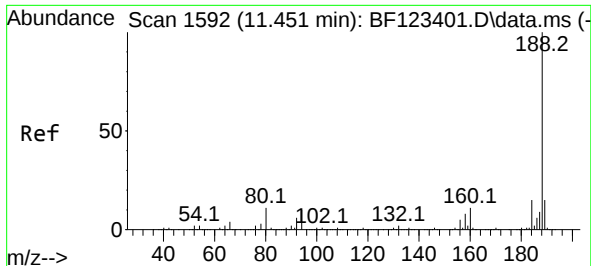
Tgt Ion:165 Resp: 58454
Ion Ratio Lower Upper
165 100
63 1.0 36.6 55.0#
89 1.0 39.4 59.0#



#57
2,4-Dinitrotoluene
Concen: 7.11 ng
RT: 9.945 min Scan# 1336
Delta R.T. -0.182 min
Lab File: BF123483.D
Acq: 26 Mar 2021 13:16

Tgt Ion:165 Resp: 58454
Ion Ratio Lower Upper
165 100
63 1.0 34.3 51.5#
89 1.0 55.2 82.8#
182 0.0 2.2 3.2#

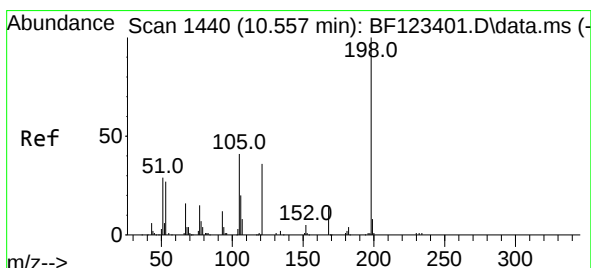
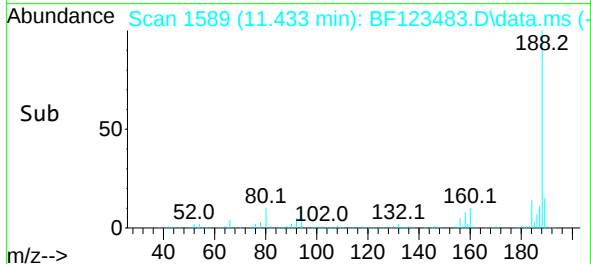
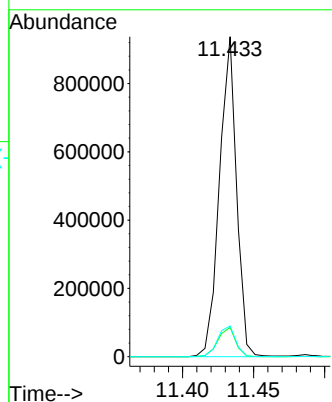
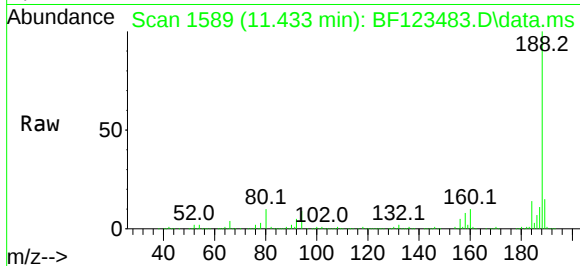




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.433 min Scan# 1589
Delta R.T. 0.000 min
Lab File: BF123483.D
Acq: 26 Mar 2021 13:16

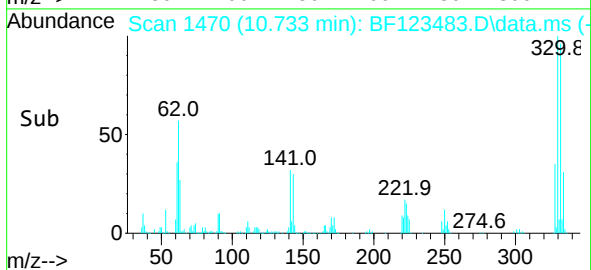
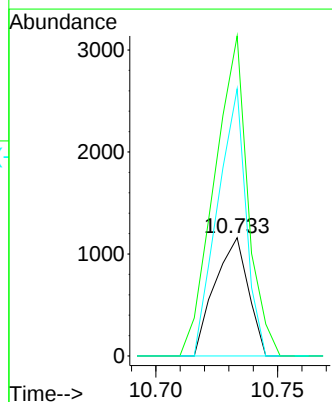
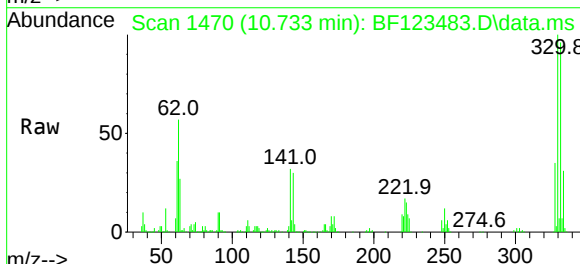
Instrument :
BNA_F
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PB135347BL

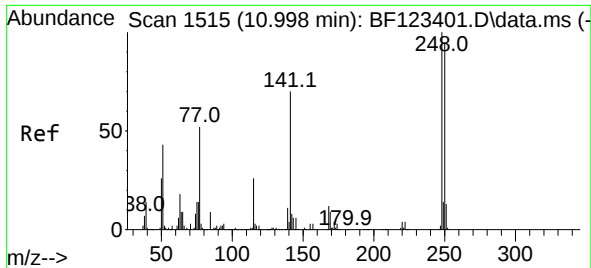
Tgt Ion:188 Resp: 782849
Ion Ratio Lower Upper
188 100
94 9.2 7.4 11.2
80 9.6 8.2 12.4



#65
4,6-Dinitro-2-methylphenol
Concen: 5.36 ng
RT: 10.733 min Scan# 1470
Delta R.T. 0.194 min
Lab File: BF123483.D
Acq: 26 Mar 2021 13:16

Tgt Ion:198 Resp: 1107
Ion Ratio Lower Upper
198 100
51 270.5 20.3 60.3#
105 225.9 23.0 63.0#

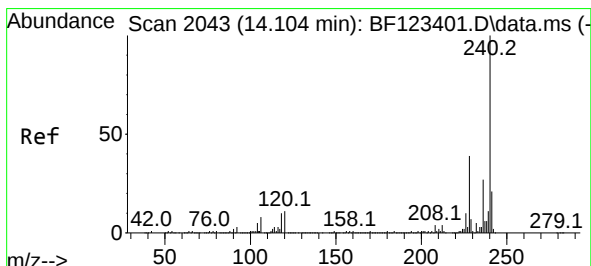
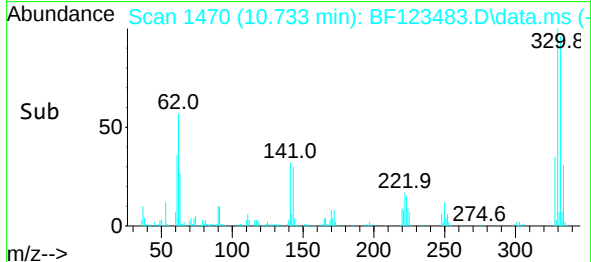
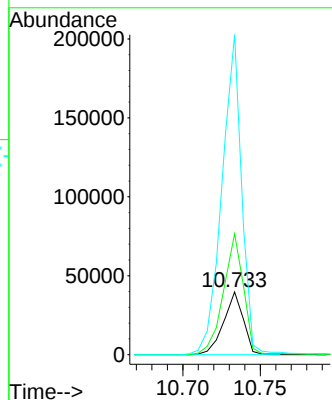
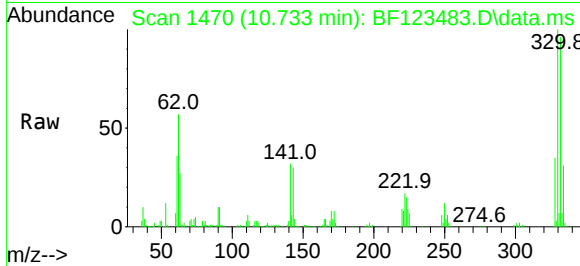




#67
4-Bromophenyl-phenylether
Concen: 3.79 ng
RT: 10.733 min Scan# 1470
Delta R.T. -0.247 min
Lab File: BF123483.D
Acq: 26 Mar 2021 13:16

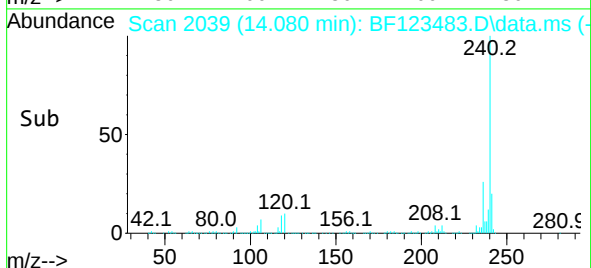
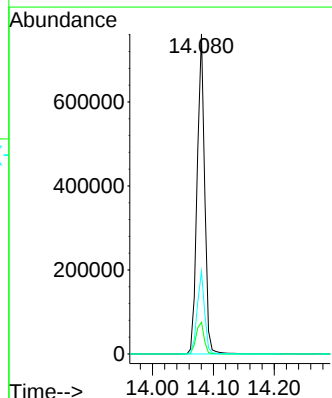
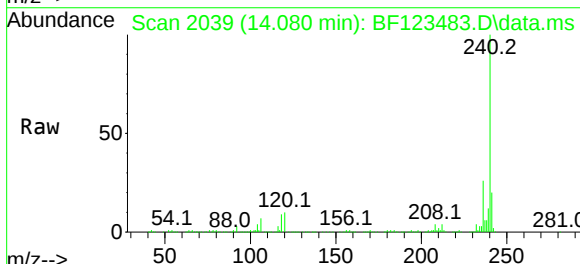
Instrument :
BNA_F
ClientSampleId :
PB135347BL

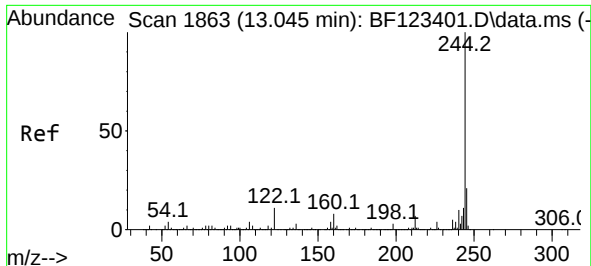
Tgt Ion:248 Resp: 35169
Ion Ratio Lower Upper
248 100
250 192.8 76.8 115.2#
141 510.3 59.8 89.8#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.080 min Scan# 2039
Delta R.T. -0.006 min
Lab File: BF123483.D
Acq: 26 Mar 2021 13:16

Tgt Ion:240 Resp: 653349
Ion Ratio Lower Upper
240 100
120 9.9 8.6 12.8
236 25.8 20.3 30.5

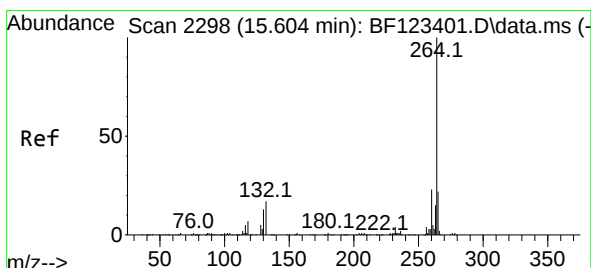
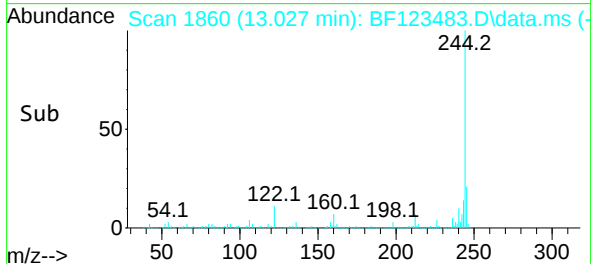
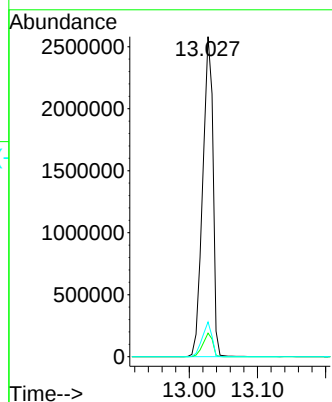
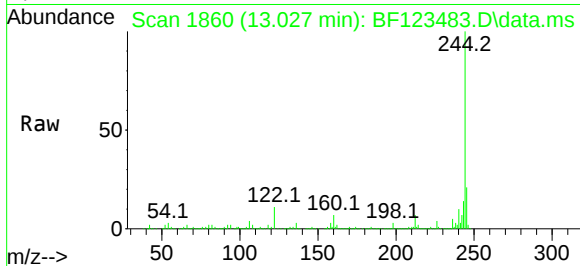




#79
Terphenyl-d14
Concen: 70.25 ng
RT: 13.027 min Scan# 1860
Delta R.T. 0.000 min
Lab File: BF123483.D
Acq: 26 Mar 2021 13:16

Instrument :
BNA_F
ClientSampleId :
PB135347BL

Tgt Ion:244 Resp: 2708302
Ion Ratio Lower Upper
244 100
212 7.4 5.7 8.5
122 10.8 8.3 12.5



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.580 min Scan# 2294
Delta R.T. 0.000 min
Lab File: BF123483.D
Acq: 26 Mar 2021 13:16

Tgt Ion:264 Resp: 555988
Ion Ratio Lower Upper
264 100
260 22.7 18.6 28.0
265 22.1 17.0 25.6

