

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF041521\
 Data File : BF123576.D
 Acq On : 15 Apr 2021 19:51
 Operator : JU/CG
 Sample : M2007-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 55TH-ST-31

Quant Time: Apr 16 00:30:26 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF041521.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 15 15:43:17 2021
 Response via : Initial Calibration

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

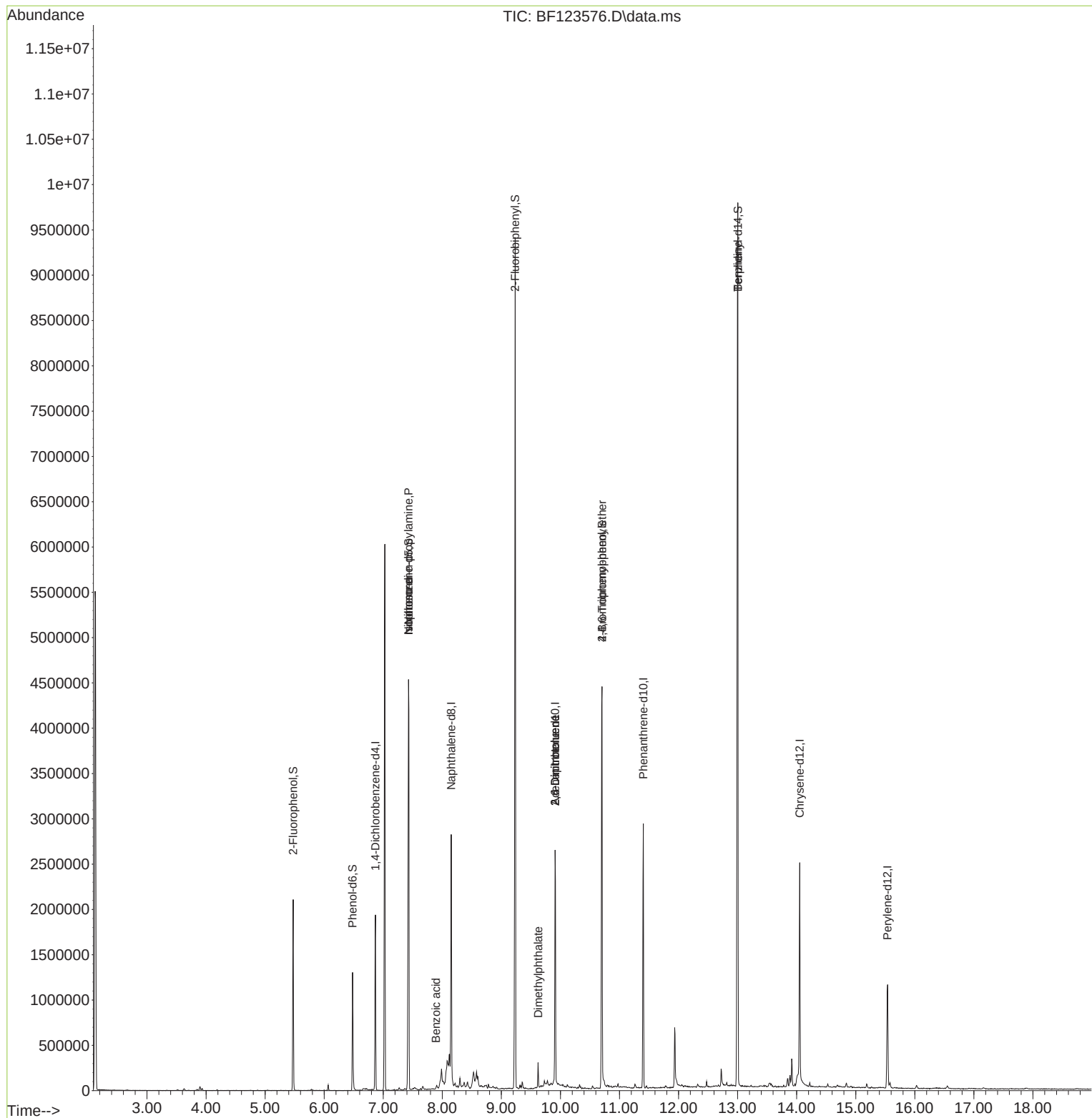
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	256836	20.00	ng	0.00
21) Naphthalene-d8	8.151	136	948989	20.00	ng	0.00
39) Acenaphthene-d10	9.910	164	497159	20.00	ng	0.00
64) Phenanthrene-d10	11.404	188	990550	20.00	ng	0.00
76) Chrysene-d12	14.051	240	770214	20.00	ng	0.00
86) Perylene-d12	15.539	264	550703	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	436453	27.47	ng	0.00
7) Phenol-d6	6.481	99	348191	15.81	ng	-0.02
23) Nitrobenzene-d5	7.428	82	1648628	79.86	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	563515	100.10	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	2715679	81.43	ng	0.00
79) Terphenyl-d14	13.004	244	3842524	96.96	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.428	70	226075	15.50	ng	Qvalue # 77
25) Isophorone	7.428	82	1646098	41.10	ng	# 69
32) Benzoic acid	7.892	122	750	4.62	ng	# 55
50) Dimethylphthalate	9.622	163	77697	2.26	ng	97
51) 2,6-Dinitrotoluene	9.910	165	64847	8.60	ng	# 12
57) 2,4-Dinitrotoluene	9.910	165	64847	6.44	ng	# 18
67) 4-Bromophenyl-phenylether	10.704	248	30984	2.99	ng	# 1
77) Benzidine	13.004	184	53706	2.57	ng	# 93
89) Benzo(k)fluoranthene	15.127	252	952	Below	Cal	# 60
92) Benzo(g,h,i)perylene	17.498	276	109	Below	Cal	# 56

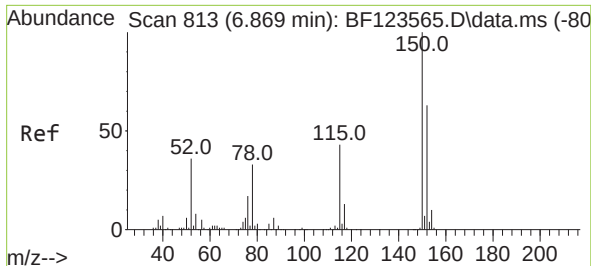
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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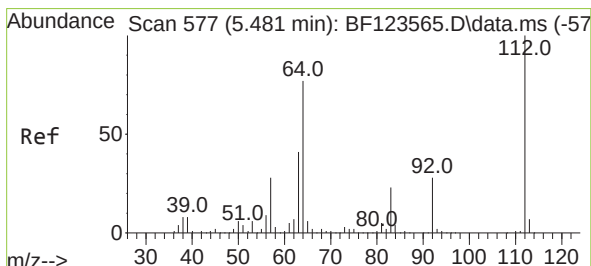
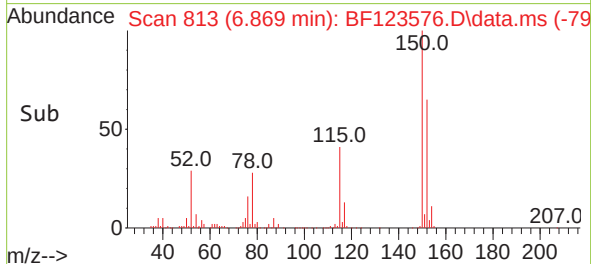
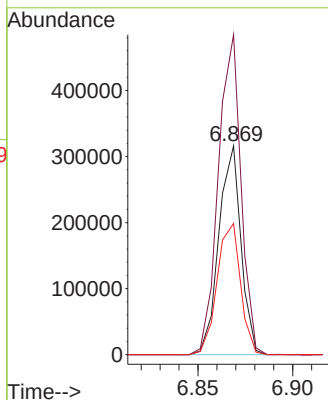
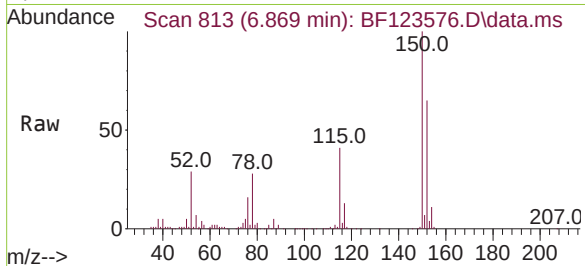




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.869 min Scan# 813
Delta R.T. -0.000 min
Lab File: BF123576.D
Acq: 15 Apr 2021 19:51

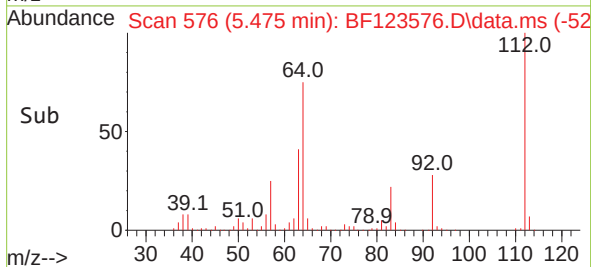
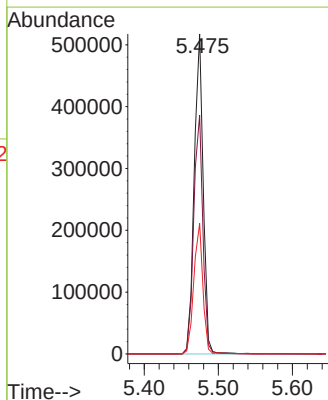
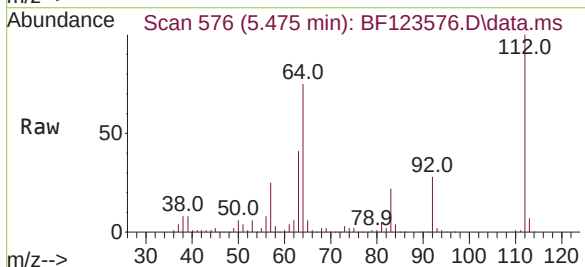
Instrument :
BNA_F
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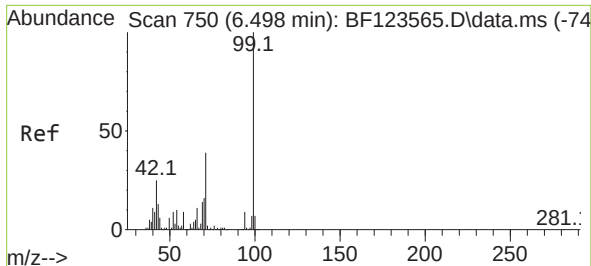
Tgt Ion:152 Resp: 256836
Ion Ratio Lower Upper
152 100
150 153.2 127.0 190.6
115 62.9 54.3 81.5



#5
2-Fluorophenol
Concen: 27.47 ng
RT: 5.475 min Scan# 576
Delta R.T. -0.006 min
Lab File: BF123576.D
Acq: 15 Apr 2021 19:51

Tgt Ion:112 Resp: 436453
Ion Ratio Lower Upper
112 100
64 74.7 61.4 92.0
63 40.8 33.0 49.4

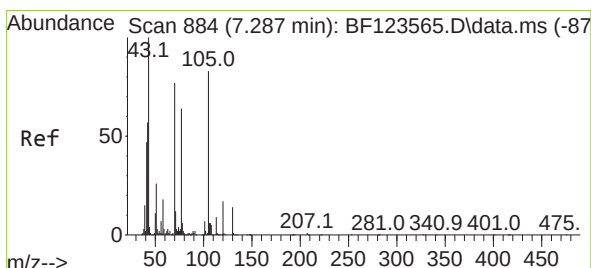
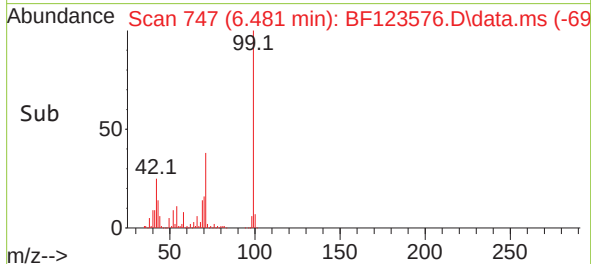
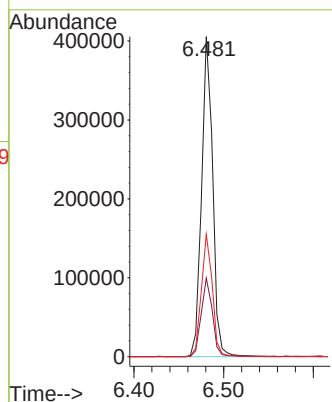
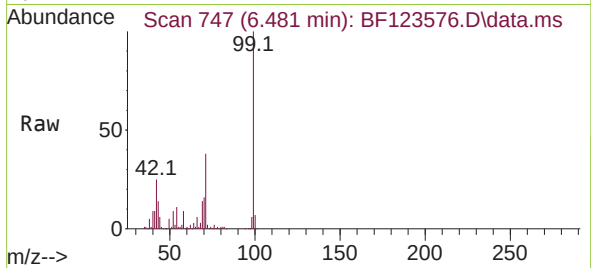




#7
Phenol-d6
Concen: 15.81 ng
RT: 6.481 min Scan# 747
Delta R.T. -0.018 min
Lab File: BF123576.D
Acq: 15 Apr 2021 19:51

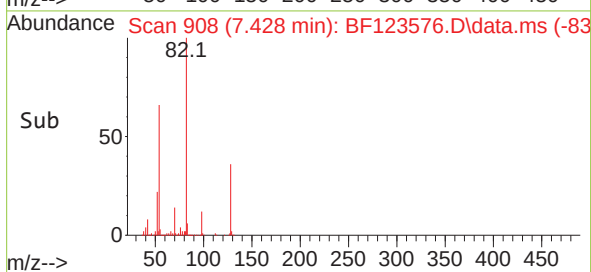
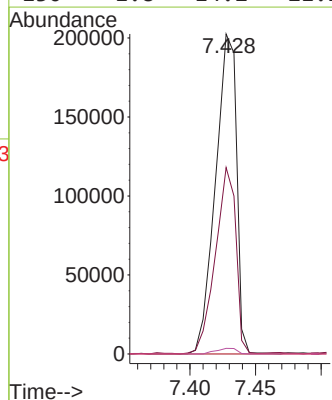
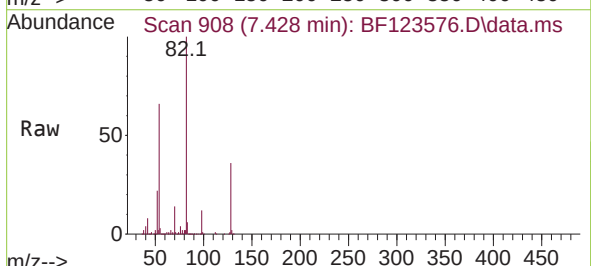
Instrument :
BNA_F
ClientSampleId :
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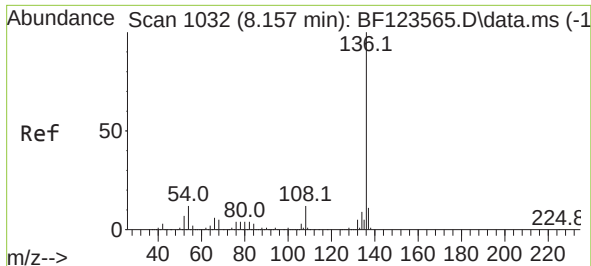
Tgt Ion: 99 Resp: 348191
Ion Ratio Lower Upper
99 100
42 24.6 19.8 29.8
71 38.3 31.1 46.7



#19
n-Nitroso-di-n-propylamine
Concen: 15.50 ng
RT: 7.428 min Scan# 908
Delta R.T. 0.141 min
Lab File: BF123576.D
Acq: 15 Apr 2021 19:51

Tgt Ion: 70 Resp: 226075
Ion Ratio Lower Upper
70 100
42 58.3 60.1 90.1#
101 0.0 7.4 11.2#
130 1.8 14.2 21.2#

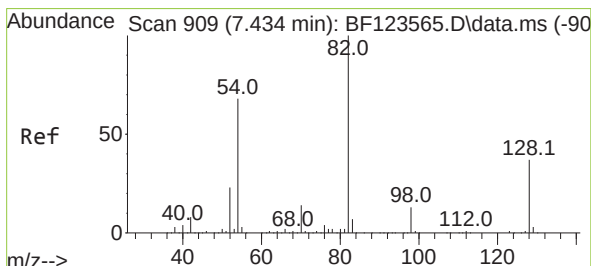
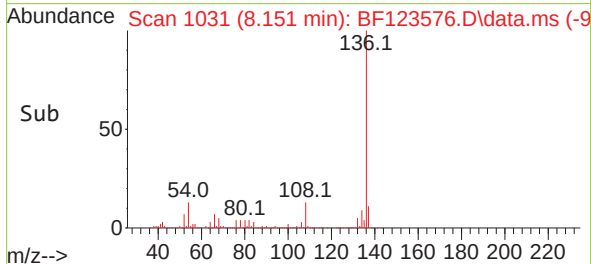
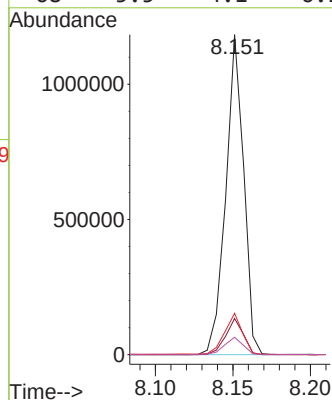
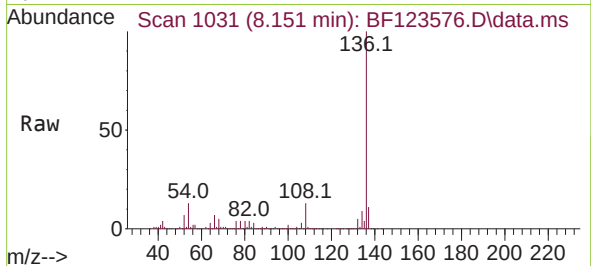




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF123576.D
Acq: 15 Apr 2021 19:51

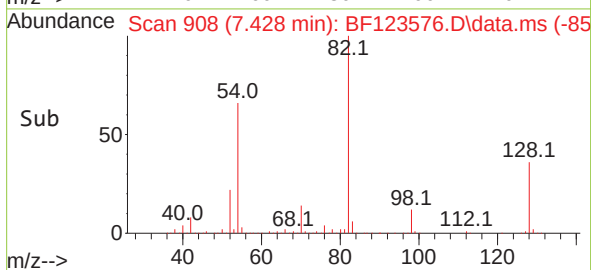
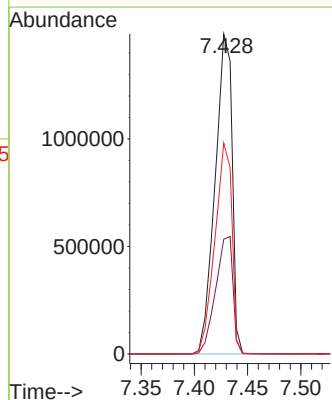
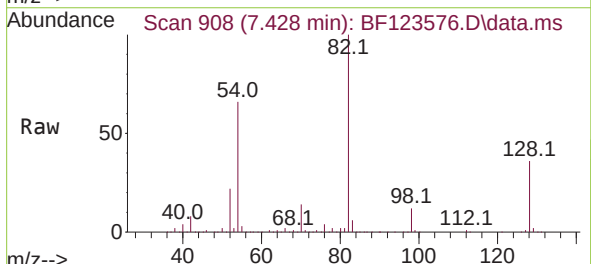
Instrument :
BNA_F
ClientSampleId :
55TH-ST-31

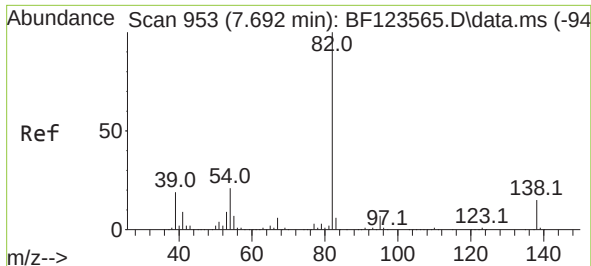
Tgt Ion:136	Resp: 948989
Ion Ratio	Lower Upper
136 100	
137 11.3	8.7 13.1
54 12.9	9.8 14.6
68 5.5	4.1 6.1



#23
Nitrobenzene-d5
Concen: 79.86 ng
RT: 7.428 min Scan# 908
Delta R.T. -0.006 min
Lab File: BF123576.D
Acq: 15 Apr 2021 19:51

Tgt Ion: 82		Resp: 1648628	
Ion	Ratio	Lower	Upper
82	100		
128	35.8	29.4	44.2
54	65.9	54.1	81.1

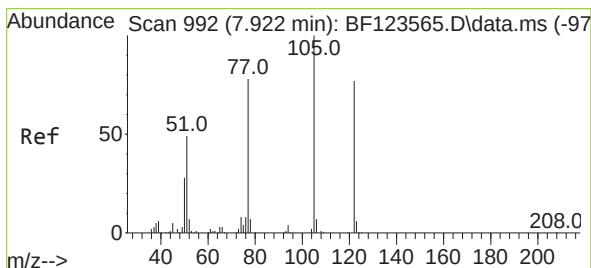
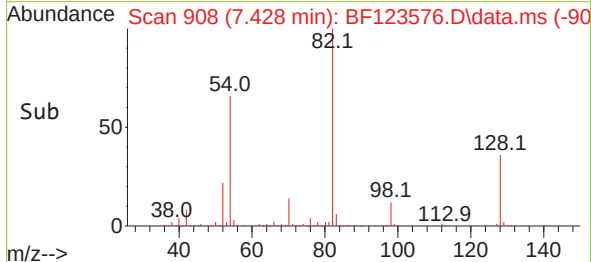
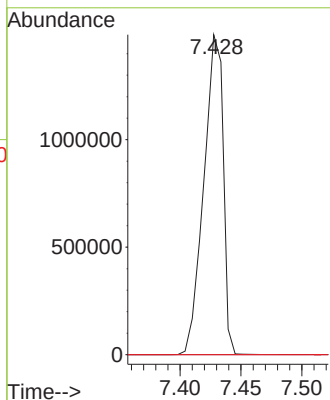
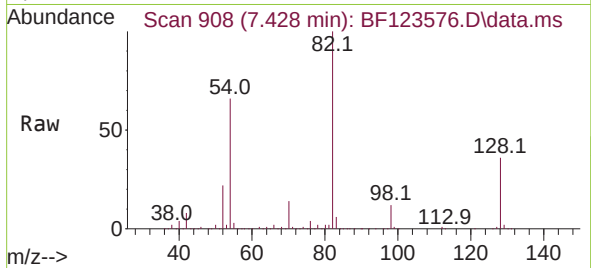




#25
Isophorone
Concen: 41.10 ng
RT: 7.428 min Scan# 908
Delta R.T. -0.265 min
Lab File: BF123576.D
Acq: 15 Apr 2021 19:51

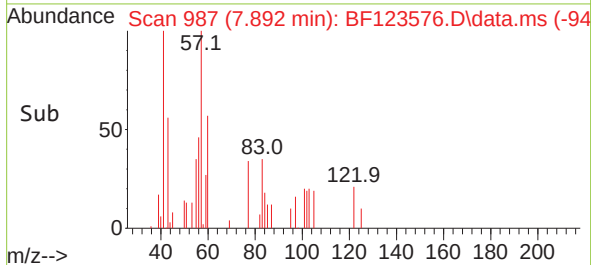
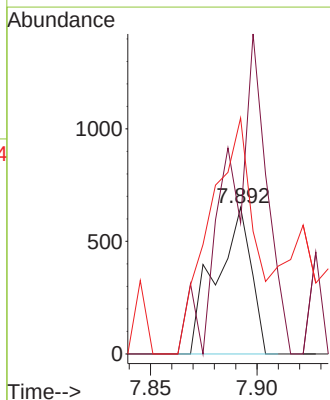
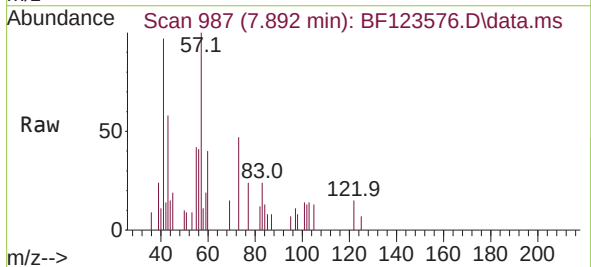
Instrument :
BNA_F
ClientSampleId :
55TH-ST-31

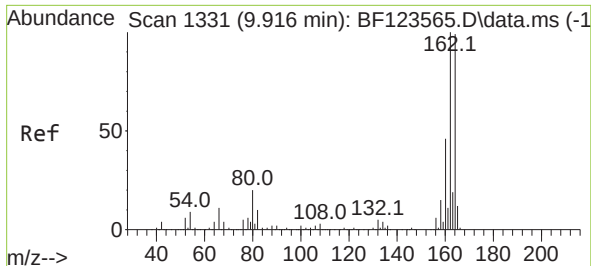
Tgt Ion: 82 Resp: 1646098
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 11.8 17.8#



#32
Benzoic acid
Concen: 4.62 ng
RT: 7.892 min Scan# 987
Delta R.T. -0.030 min
Lab File: BF123576.D
Acq: 15 Apr 2021 19:51

Tgt Ion:122 Resp: 750
Ion Ratio Lower Upper
122 100
105 89.4 107.8 147.8#
77 161.1 81.6 121.6#

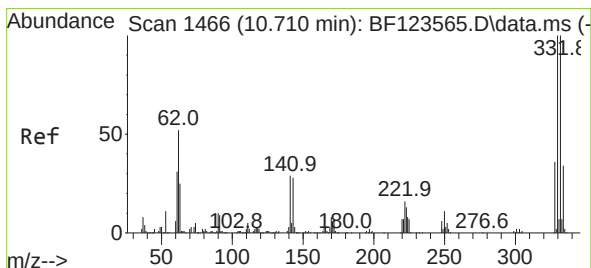
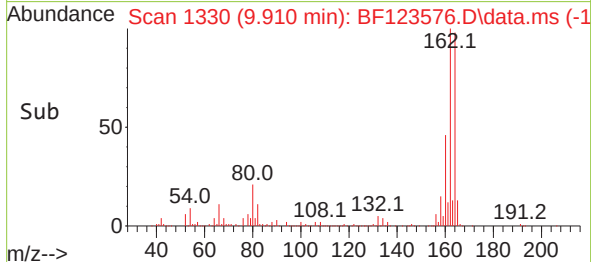
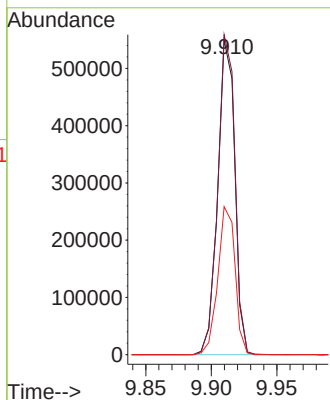
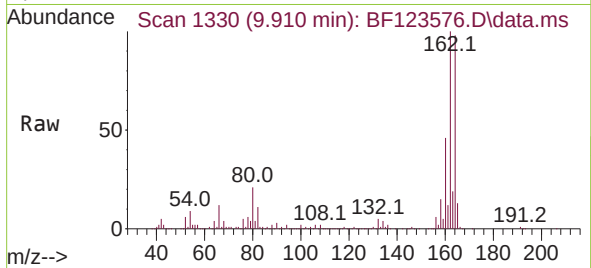




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.910 min Scan# 1330
Delta R.T. -0.006 min
Lab File: BF123576.D
Acq: 15 Apr 2021 19:51

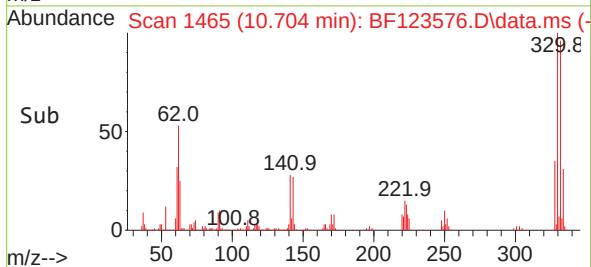
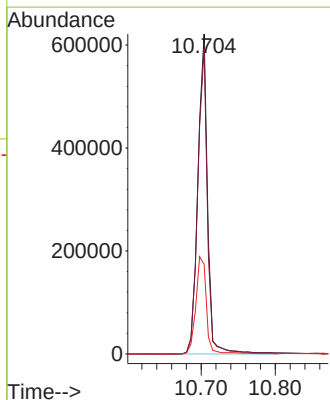
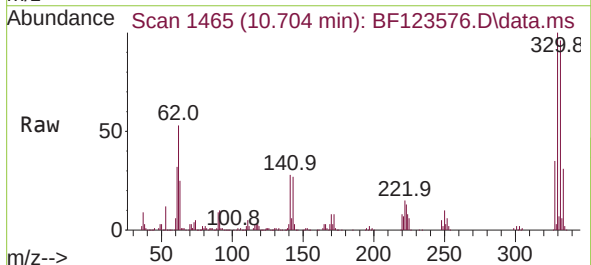
Instrument :
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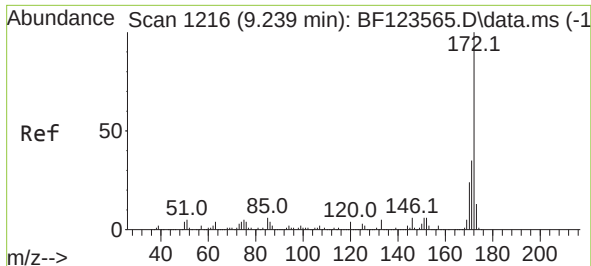
Tgt Ion:164 Resp: 497159
Ion Ratio Lower Upper
164 100
162 101.7 80.7 121.1
160 47.0 37.3 55.9



#42
2,4,6-Tribromophenol
Concen: 100.10 ng
RT: 10.704 min Scan# 1465
Delta R.T. -0.006 min
Lab File: BF123576.D
Acq: 15 Apr 2021 19:51

Tgt Ion:330 Resp: 563515
Ion Ratio Lower Upper
330 100
332 94.9 77.1 115.7
141 33.4 27.9 41.9

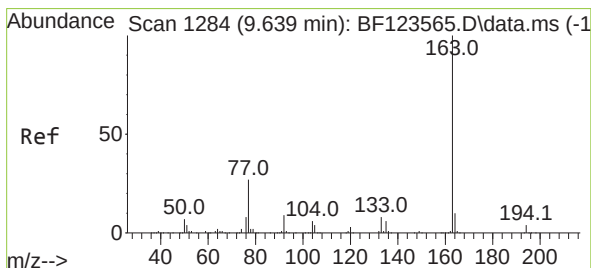
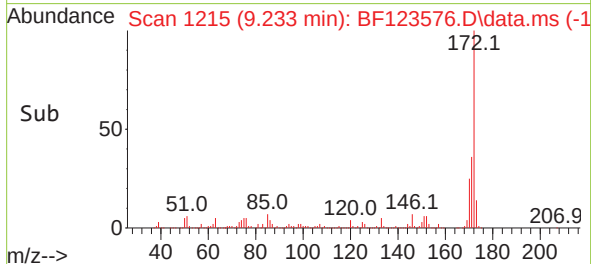
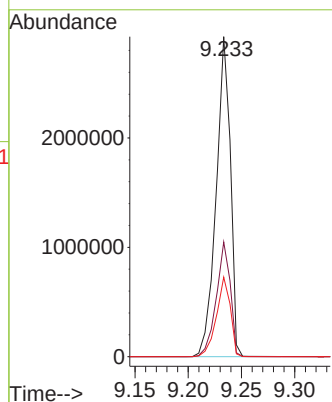
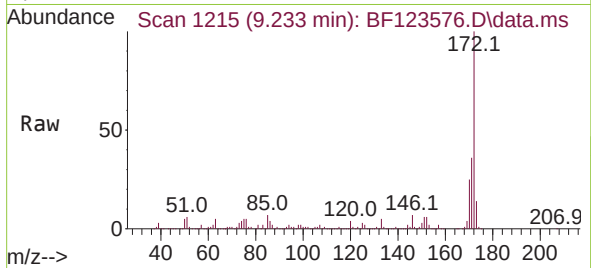




#45
2-Fluorobiphenyl
Concen: 81.43 ng
RT: 9.233 min Scan# 1215
Delta R.T. -0.006 min
Lab File: BF123576.D
Acq: 15 Apr 2021 19:51

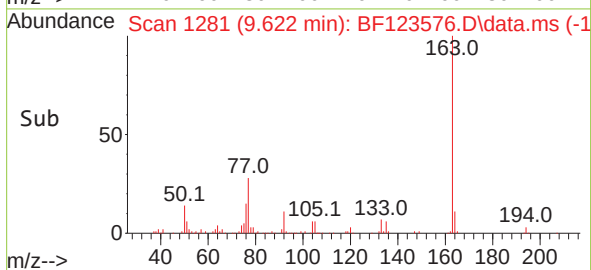
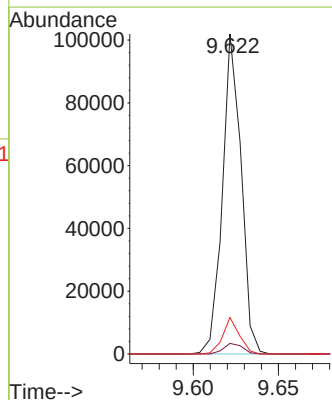
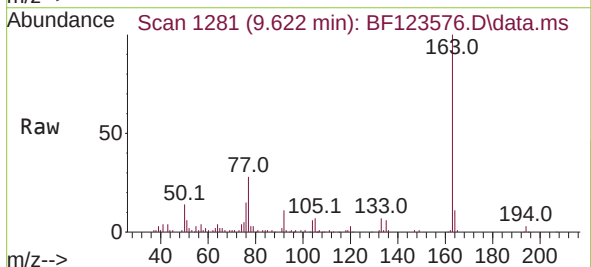
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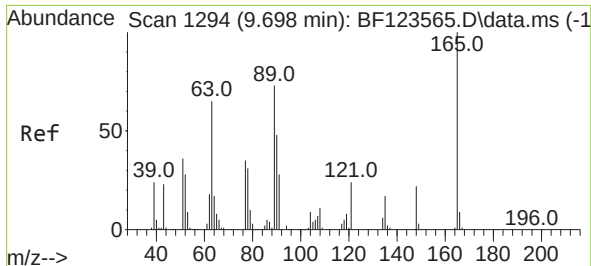
Tgt Ion:172 Resp: 2715679
Ion Ratio Lower Upper
172 100
171 35.8 28.1 42.1
170 24.9 19.2 28.8



#50
Dimethylphthalate
Concen: 2.26 ng
RT: 9.622 min Scan# 1281
Delta R.T. -0.018 min
Lab File: BF123576.D
Acq: 15 Apr 2021 19:51

Tgt Ion:163 Resp: 77697
Ion Ratio Lower Upper
163 100
194 3.3 3.1 4.7
164 11.4 8.2 12.2

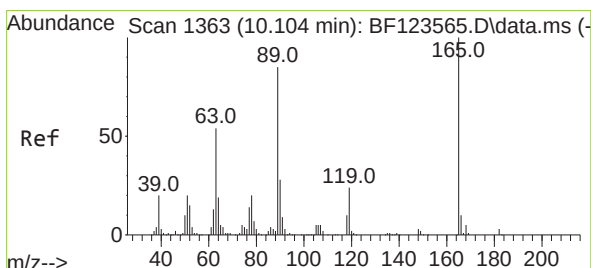
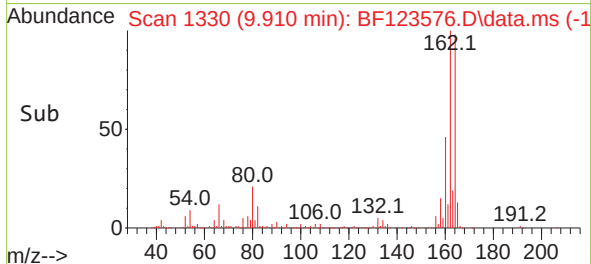
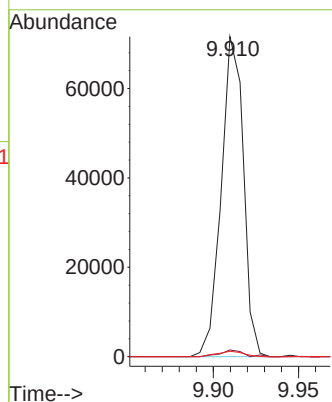
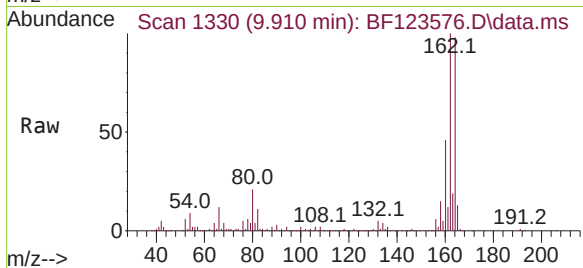




#51
2,6-Dinitrotoluene
Concen: 8.60 ng
RT: 9.910 min Scan# 1330
Delta R.T. 0.212 min
Lab File: BF123576.D
Acq: 15 Apr 2021 19:51

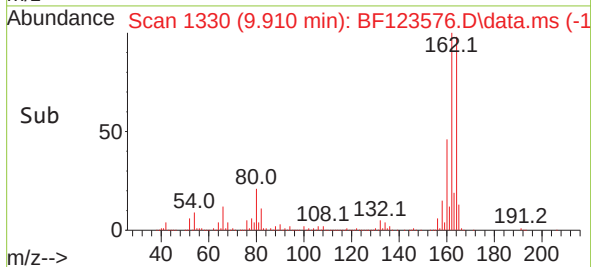
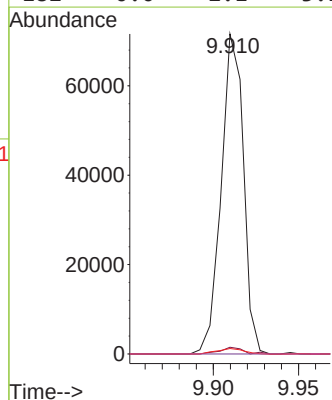
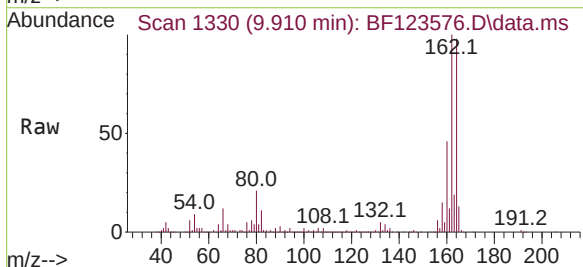
Instrument :
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ClientSampleId :
55TH-ST-31

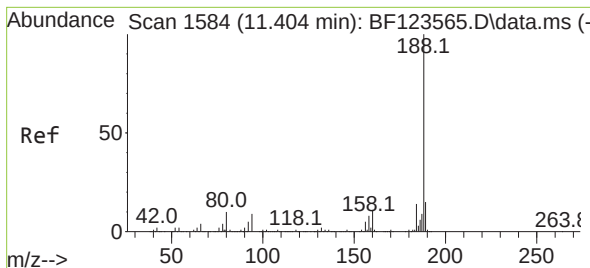
Tgt Ion:165 Resp: 64847
Ion Ratio Lower Upper
165 100
63 2.1 67.7 101.5#
89 1.7 58.8 88.2#



#57
2,4-Dinitrotoluene
Concen: 6.44 ng
RT: 9.910 min Scan# 1330
Delta R.T. -0.194 min
Lab File: BF123576.D
Acq: 15 Apr 2021 19:51

Tgt Ion:165 Resp: 64847
Ion Ratio Lower Upper
165 100
63 2.1 43.5 65.3#
89 1.7 67.7 101.5#
182 0.0 2.1 3.1#

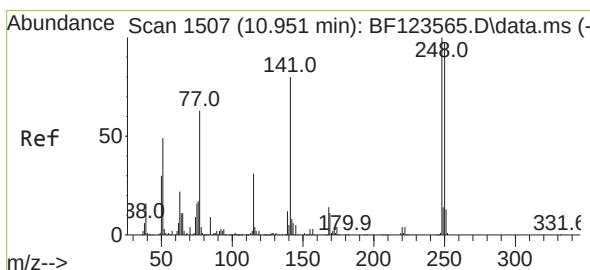
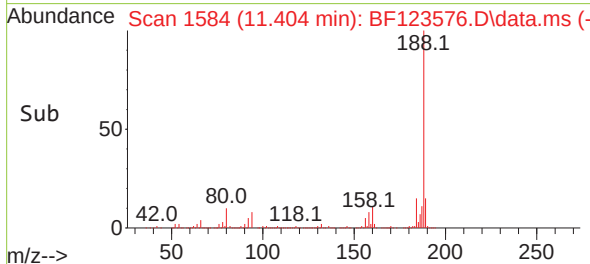
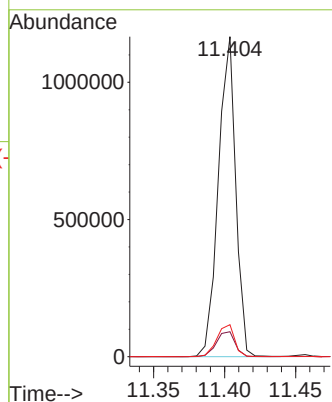
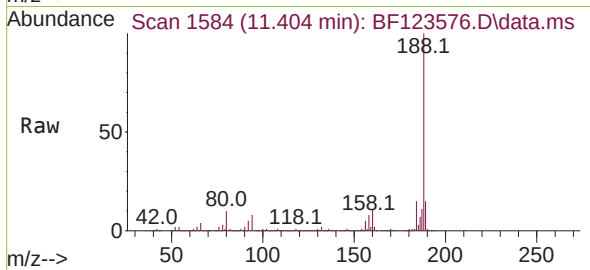




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.404 min Scan# 1584
Delta R.T. -0.000 min
Lab File: BF123576.D
Acq: 15 Apr 2021 19:51

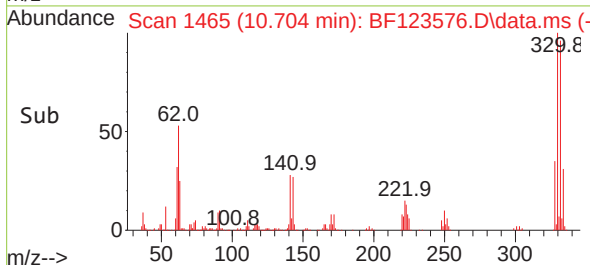
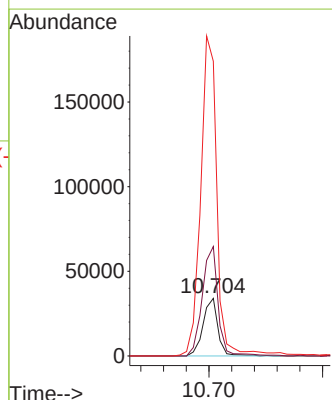
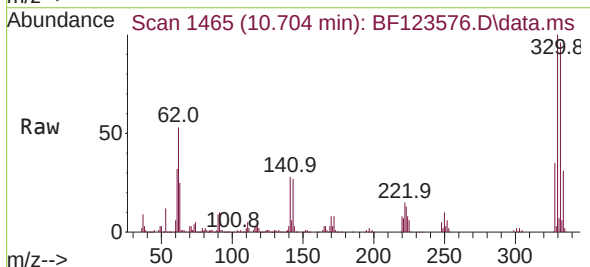
Instrument :
BNA_F
ClientSampleId :
55TH-ST-31

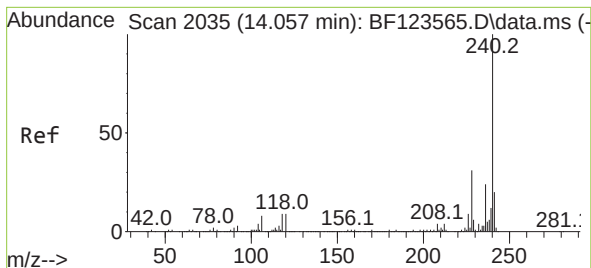
Tgt Ion:188 Resp: 990550
Ion Ratio Lower Upper
188 100
94 7.8 6.9 10.3
80 10.0 8.2 12.2



#67
4-Bromophenyl-phenylether
Concen: 2.99 ng
RT: 10.704 min Scan# 1465
Delta R.T. -0.247 min
Lab File: BF123576.D
Acq: 15 Apr 2021 19:51

Tgt Ion:248 Resp: 30984
Ion Ratio Lower Upper
248 100
250 189.9 77.4 116.2#
141 511.5 63.7 95.5#

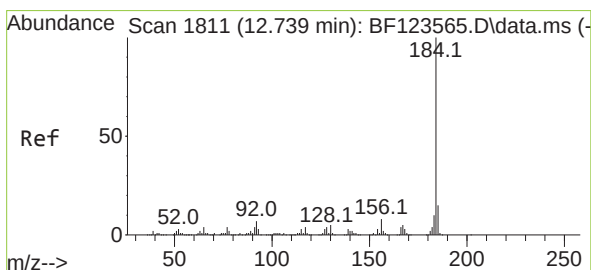
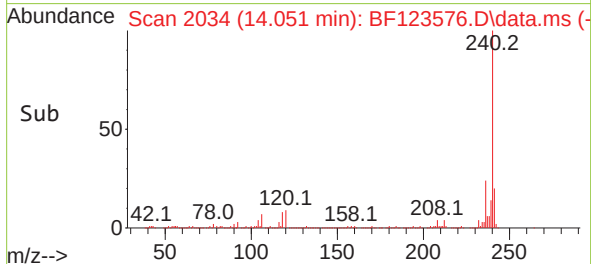
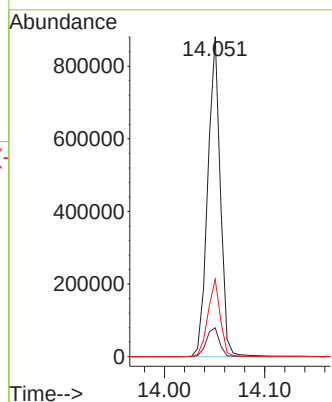
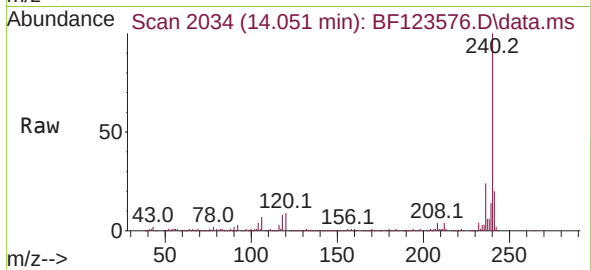




#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.051 min Scan# 2034
Delta R.T. -0.006 min
Lab File: BF123576.D
Acq: 15 Apr 2021 19:51

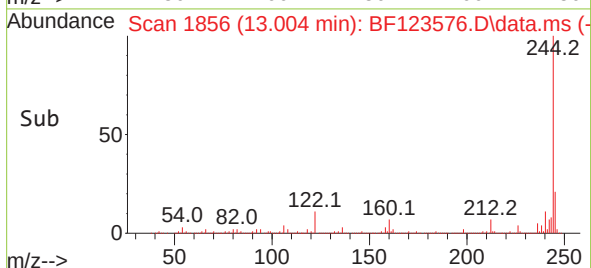
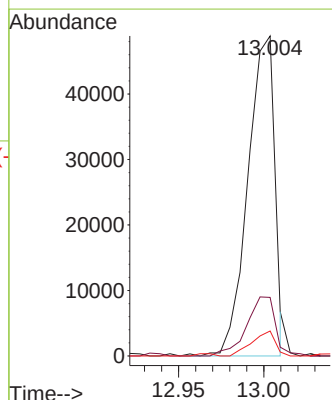
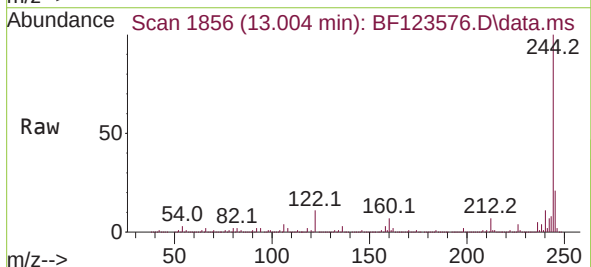
Instrument :
BNA_F
ClientSampleId :
55TH-ST-31

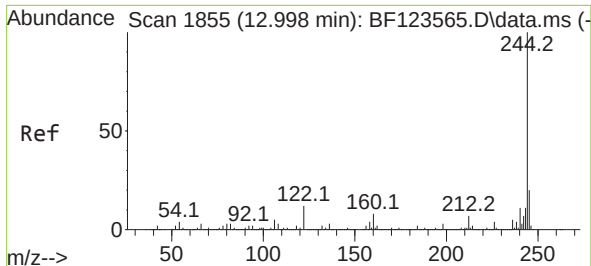
Tgt Ion:240 Resp: 770214
Ion Ratio Lower Upper
240 100
120 9.0 7.2 10.8
236 24.2 19.0 28.4



#77
Benzidine
Concen: 2.57 ng
RT: 13.004 min Scan# 1856
Delta R.T. 0.265 min
Lab File: BF123576.D
Acq: 15 Apr 2021 19:51

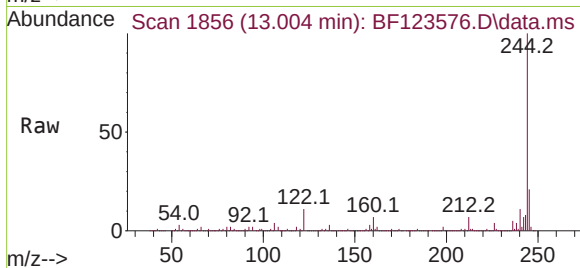
Tgt Ion:184 Resp: 53706
Ion Ratio Lower Upper
184 100
185 18.3 12.1 18.1#
183 7.8 7.8 11.8#



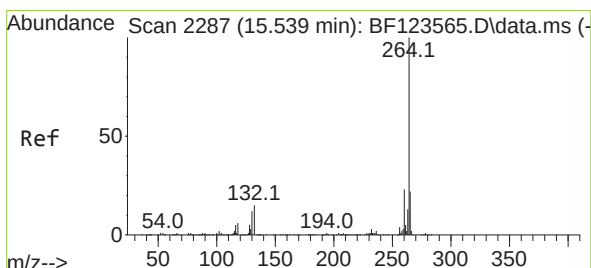
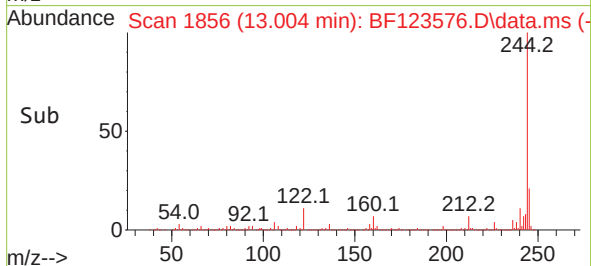
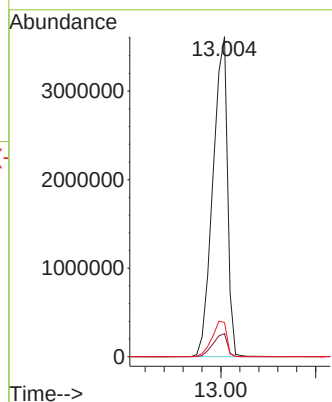


#79
 Terphenyl-d14
 Concen: 96.96 ng
 RT: 13.004 min Scan# 1856
 Delta R.T. 0.006 min
 Lab File: BF123576.D
 Acq: 15 Apr 2021 19:51

Instrument :
 BNA_F
 ClientSampleId :
 55TH-ST-31



Tgt Ion:244 Resp: 3842524
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.7 8.5
 122 10.7 9.7 14.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.539 min Scan# 2287
 Delta R.T. -0.000 min
 Lab File: BF123576.D
 Acq: 15 Apr 2021 19:51

Tgt Ion:264 Resp: 550703
 Ion Ratio Lower Upper
 264 100
 260 24.3 18.7 28.1
 265 22.1 17.8 26.8

