

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032521\
 Data File : BF123464.D
 Acq On : 25 Mar 2021 16:33
 Operator : JU/CG
 Sample : M1749-02
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FS-SB-15-21-22

Quant Time: Mar 25 17:08:15 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF032321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 25 17:06:59 2021
 Response via : Initial Calibration

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

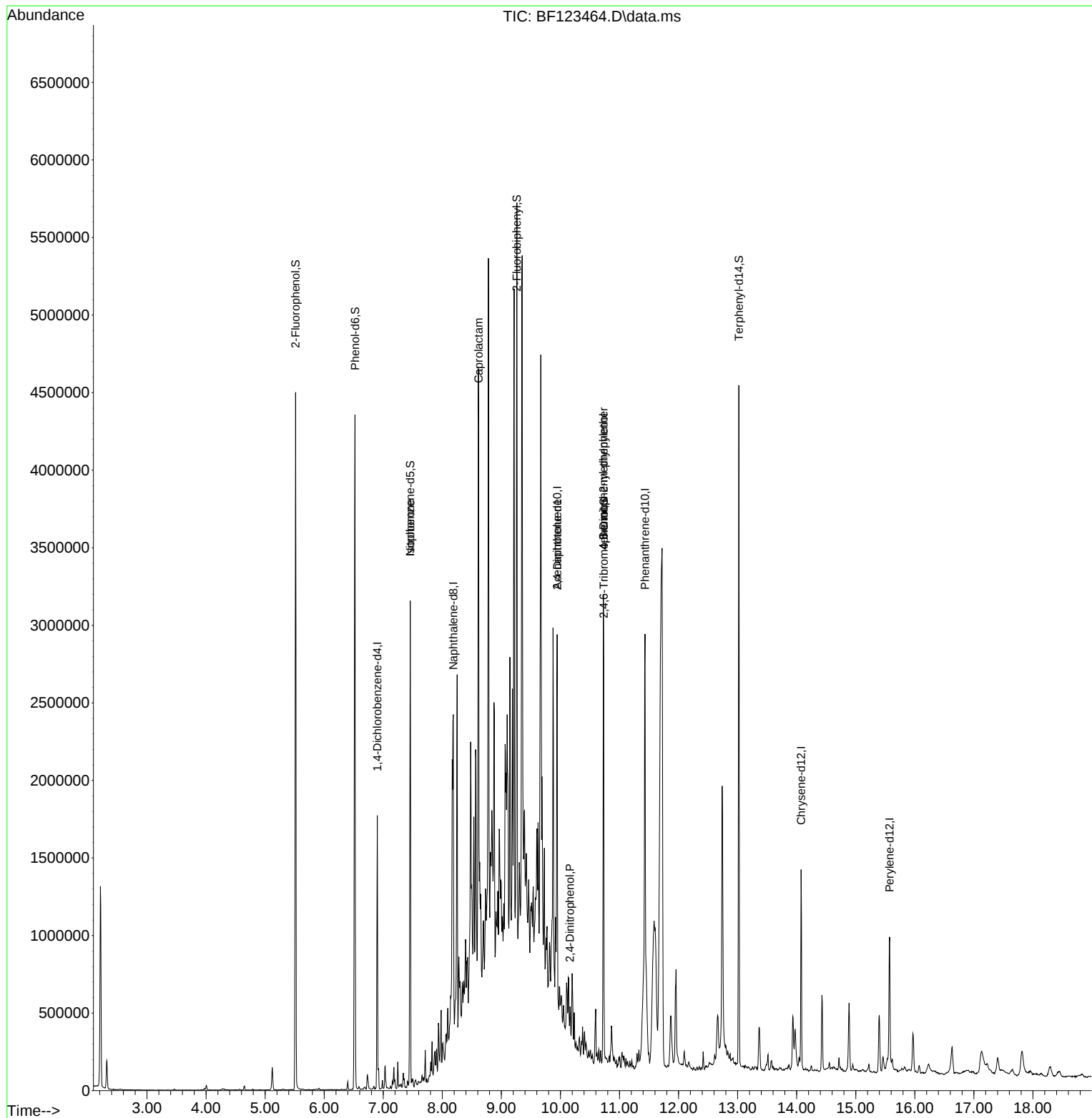
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	223346	20.00	ng	0.00
21) Naphthalene-d8	8.186	136	807548	20.00	ng	# 0.00
39) Acenaphthene-d10	9.945	164	442697	20.00	ng	0.00
64) Phenanthrene-d10	11.433	188	771665	20.00	ng	0.00
76) Chrysene-d12	14.074	240	434206	20.00	ng	0.00
86) Perylene-d12	15.574	264	392347	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	1113805	81.58	ng	0.00
7) Phenol-d6	6.522	99	1374782	75.65	ng	0.00
23) Nitrobenzene-d5	7.457	82	917002	61.29	ng	0.00
42) 2,4,6-Tribromophenol	10.733	330	364406	73.63	ng	0.00
45) 2-Fluorobiphenyl	9.263	172	1303406	42.06	ng	0.00
79) Terphenyl-d14	13.021	244	1371121	53.52	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.451	77	121	Below Cal	#	1
25) Isophorone	7.457	82	912032	28.35	ng	# 65
35) Caprolactam	8.616	113	71920	18.53	ng	# 1
54) 2,4-Dinitrophenol	10.163	184	117	8.68	ng	# 1
57) 2,4-Dinitrotoluene	9.945	165	59955	7.31	ng	# 25
65) 4,6-Dinitro-2-methylph...	10.727	198	619	5.26	ng	# 1
67) 4-Bromophenyl-phenylether	10.727	248	22050	2.41	ng	# 1

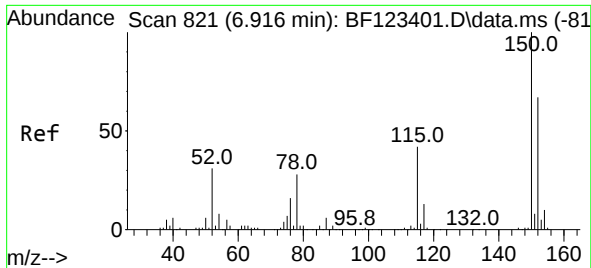
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032521\
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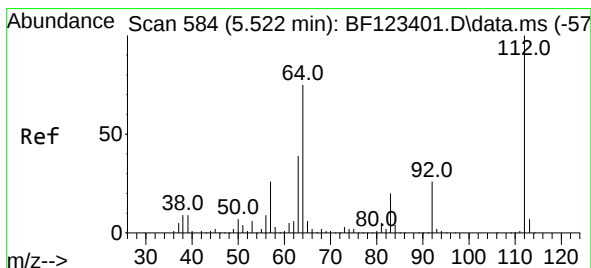
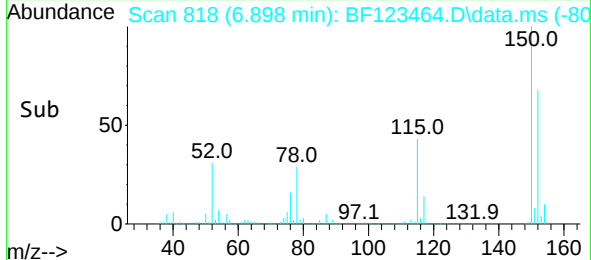
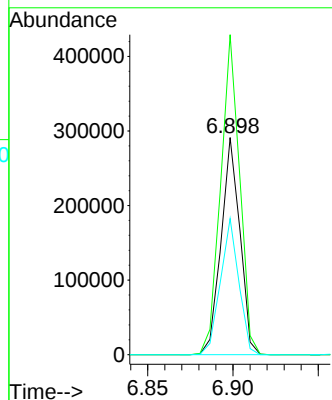
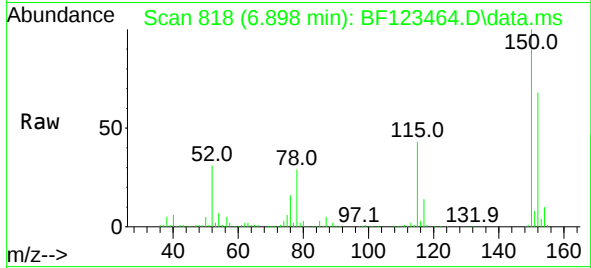




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.898 min Scan# 818
Delta R.T. 0.000 min
Lab File: BF123464.D
Acq: 25 Mar 2021 16:33

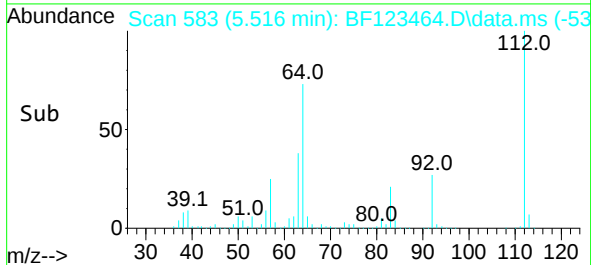
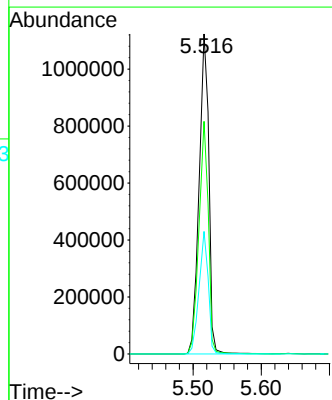
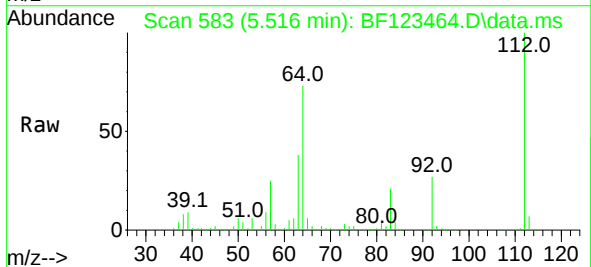
Instrument :
BNA_F
ClientSampleId :
FS-SB-15-21-22

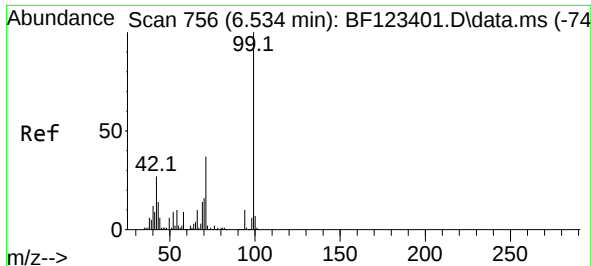
Tgt Ion:152 Resp: 223346
Ion Ratio Lower Upper
152 100
150 147.4 125.8 188.6
115 62.7 49.3 73.9



#5
2-Fluorophenol
Concen: 81.58 ng
RT: 5.516 min Scan# 583
Delta R.T. 0.006 min
Lab File: BF123464.D
Acq: 25 Mar 2021 16:33

Tgt Ion:112 Resp: 1113805
Ion Ratio Lower Upper
112 100
64 72.7 46.9 70.3#
63 38.3 24.5 36.7#

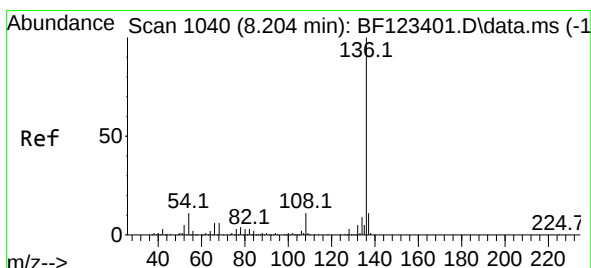
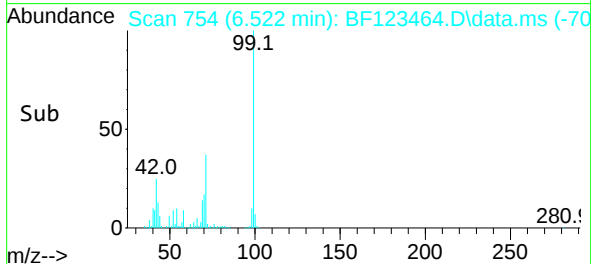
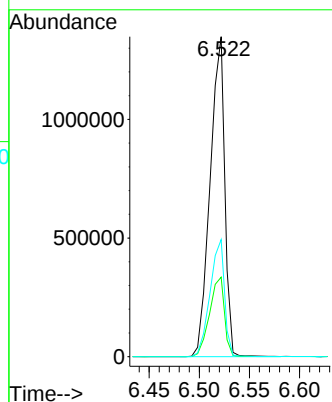
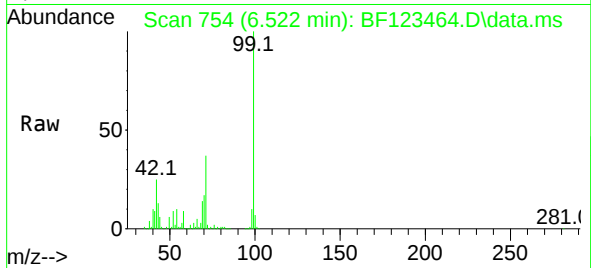




#7
Phenol-d6
Concen: 75.65 ng
RT: 6.522 min Scan# 754
Delta R.T. -0.006 min
Lab File: BF123464.D
Acq: 25 Mar 2021 16:33

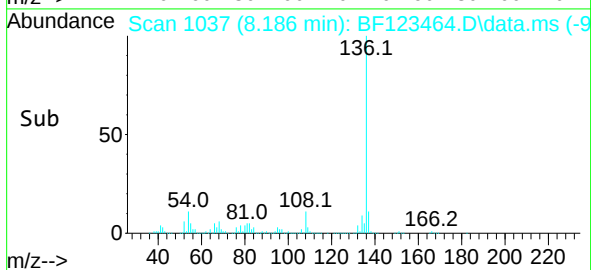
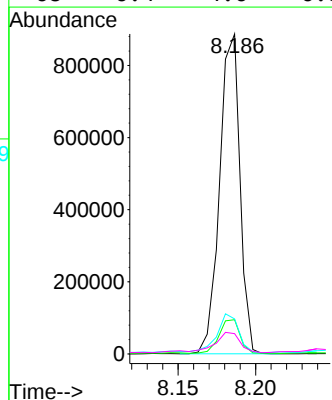
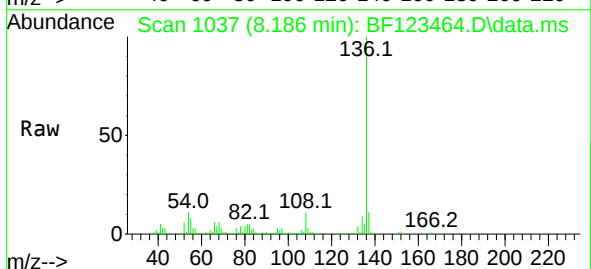
Instrument :
BNA_F
ClientSampleId :
FS-SB-15-21-22

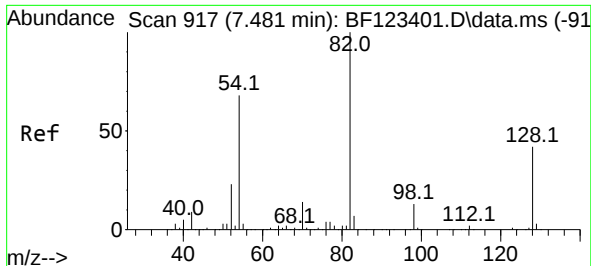
Tgt Ion: 99 Resp: 1374782
Ion Ratio Lower Upper
99 100
42 24.8 13.8 20.6#
71 36.6 26.9 40.3



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.186 min Scan# 1037
Delta R.T. -0.000 min
Lab File: BF123464.D
Acq: 25 Mar 2021 16:33

Tgt Ion: 136 Resp: 807548
Ion Ratio Lower Upper
136 100
137 10.7 8.8 13.2
54 11.0 5.5 8.3#
68 6.4 4.6 6.8

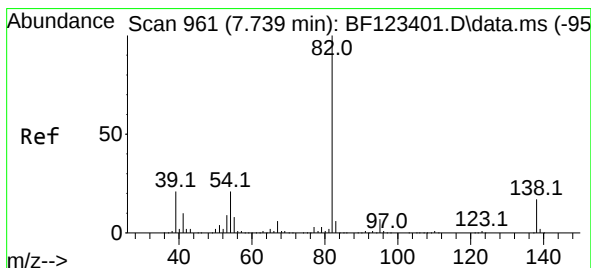
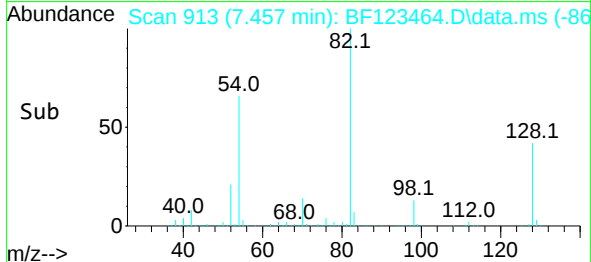
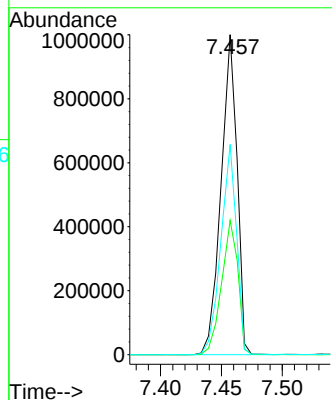
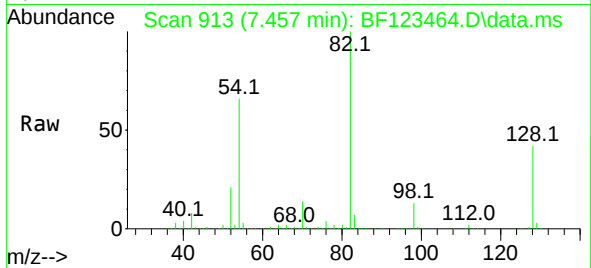




#23
Nitrobenzene-d5
Concen: 61.29 ng
RT: 7.457 min Scan# 913
Delta R.T. -0.006 min
Lab File: BF123464.D
Acq: 25 Mar 2021 16:33

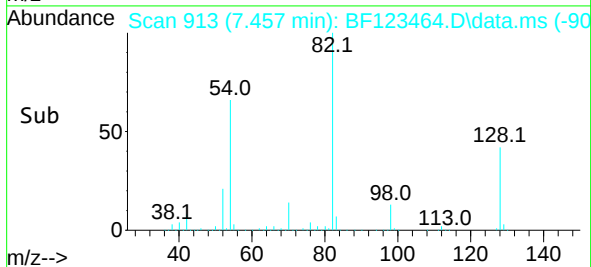
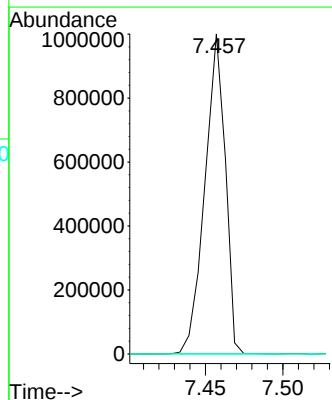
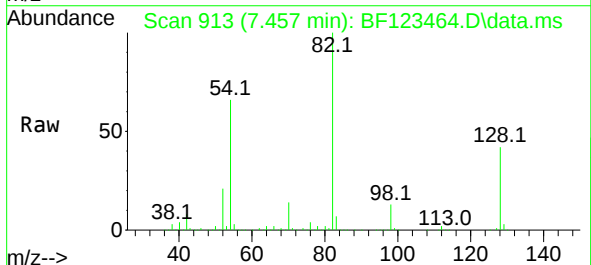
Instrument :
BNA_F
ClientSampleId :
FS-SB-15-21-22

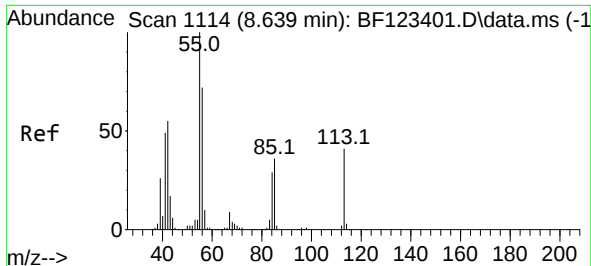
Tgt Ion: 82 Resp: 917002
Ion Ratio Lower Upper
82 100
128 42.0 37.0 55.4
54 65.7 38.4 57.6#



#25
Isophorone
Concen: 28.35 ng
RT: 7.457 min Scan# 913
Delta R.T. -0.265 min
Lab File: BF123464.D
Acq: 25 Mar 2021 16:33

Tgt Ion: 82 Resp: 912032
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 14.6 21.8#

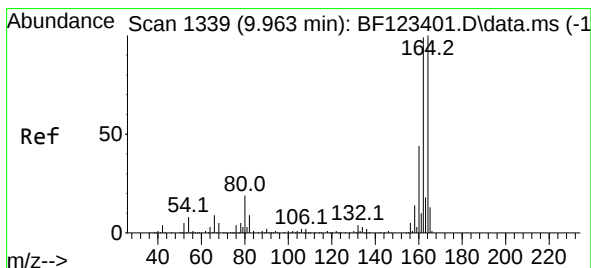
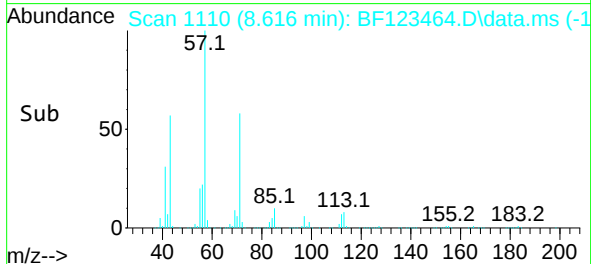
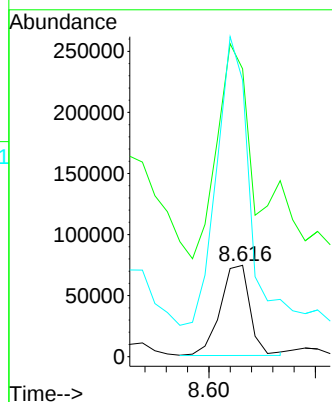
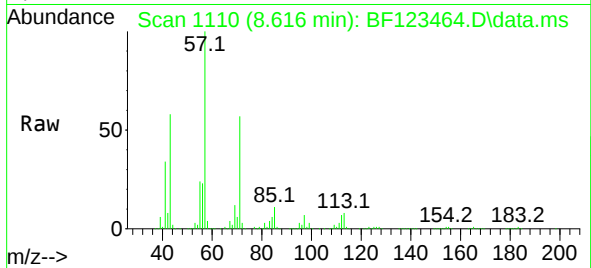




#35
 Caprolactam
 Concen: 18.53 ng
 RT: 8.616 min Scan# 1110
 Delta R.T. -0.006 min
 Lab File: BF123464.D
 Acq: 25 Mar 2021 16:33

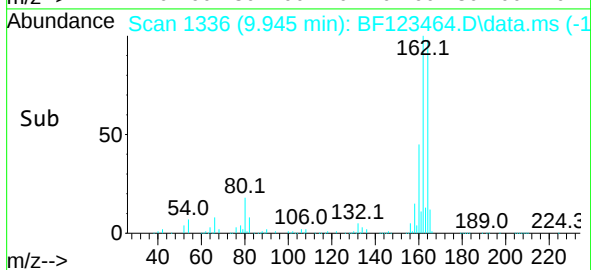
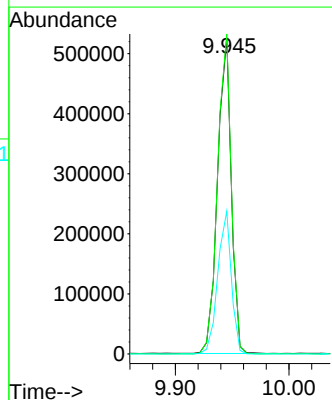
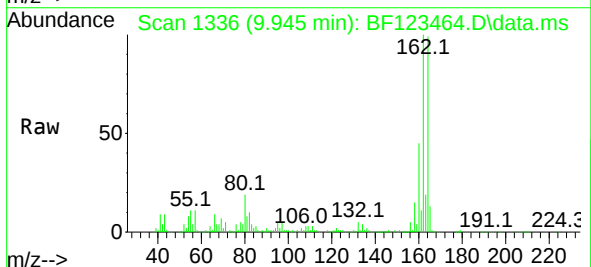
Instrument :
 BNA_F
 ClientSampled :
 FS-SB-15-21-22

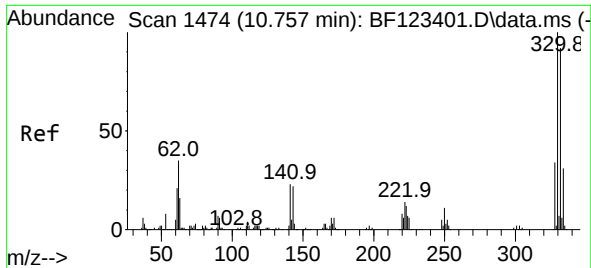
Tgt Ion:113 Resp: 71920
 Ion Ratio Lower Upper
 113 100
 55 315.3 133.7 173.7#
 56 302.8 95.3 135.3#



#39
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.945 min Scan# 1336
 Delta R.T. -0.000 min
 Lab File: BF123464.D
 Acq: 25 Mar 2021 16:33

Tgt Ion:164 Resp: 442697
 Ion Ratio Lower Upper
 164 100
 162 101.2 80.8 121.2
 160 45.1 35.4 53.0

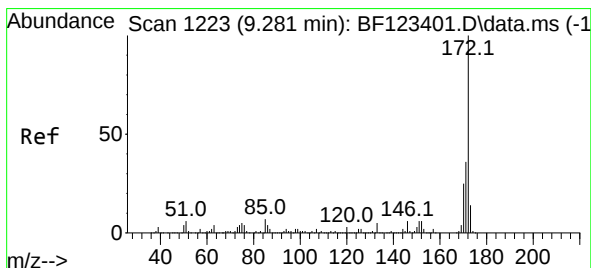
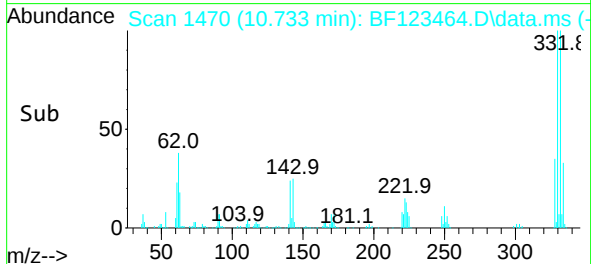
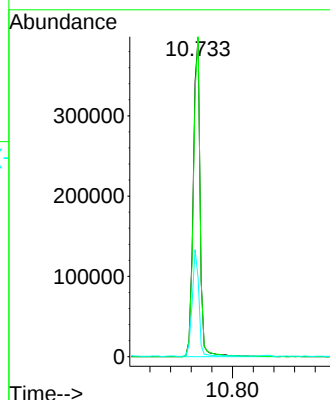
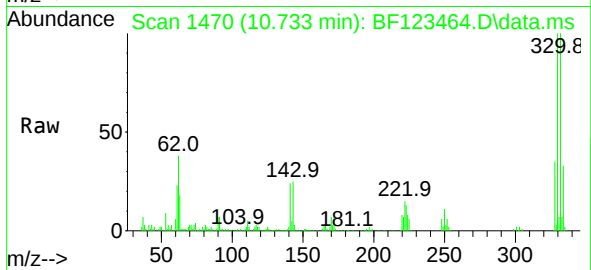




#42
2,4,6-Tribromophenol
Concen: 73.63 ng
RT: 10.733 min Scan# 1470
Delta R.T. -0.000 min
Lab File: BF123464.D
Acq: 25 Mar 2021 16:33

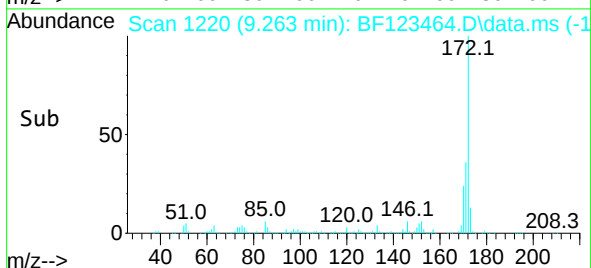
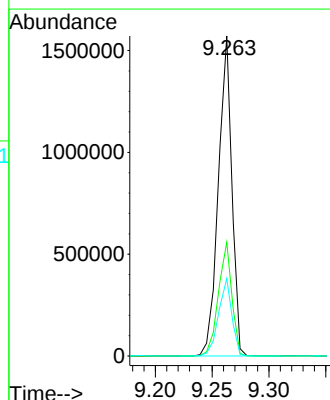
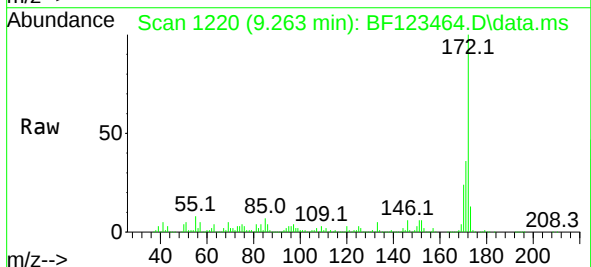
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ClientSampleId :
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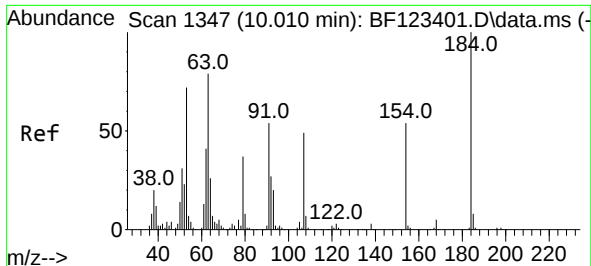
Tgt Ion:330 Resp: 364406
Ion Ratio Lower Upper
330 100
332 96.9 77.5 116.3
141 32.2 23.8 35.8



#45
2-Fluorobiphenyl
Concen: 42.06 ng
RT: 9.263 min Scan# 1220
Delta R.T. -0.000 min
Lab File: BF123464.D
Acq: 25 Mar 2021 16:33

Tgt Ion:172 Resp: 1303406
Ion Ratio Lower Upper
172 100
171 35.6 29.6 44.4
170 24.2 19.5 29.3

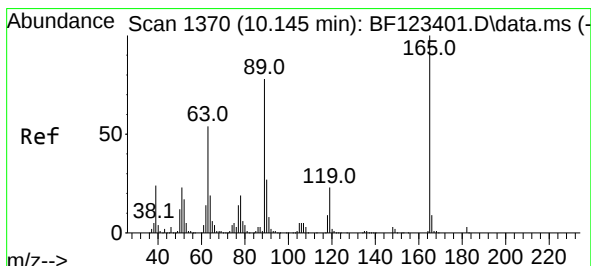
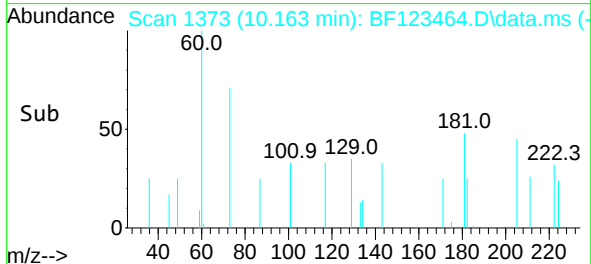
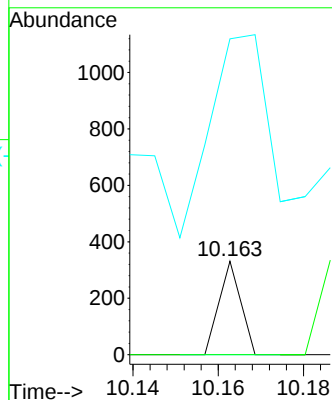
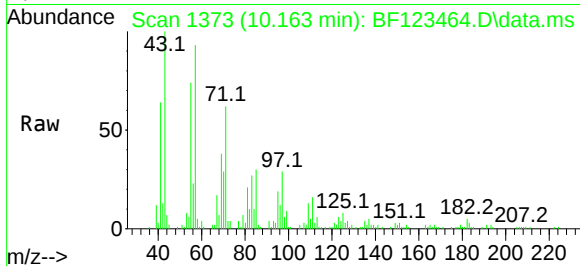




#54
2,4-Dinitrophenol
Concen: 8.68 ng
RT: 10.163 min Scan# 1373
Delta R.T. 0.170 min
Lab File: BF123464.D
Acq: 25 Mar 2021 16:33

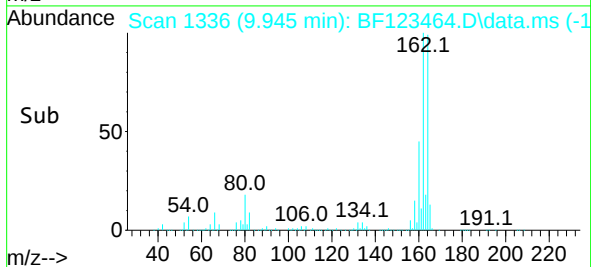
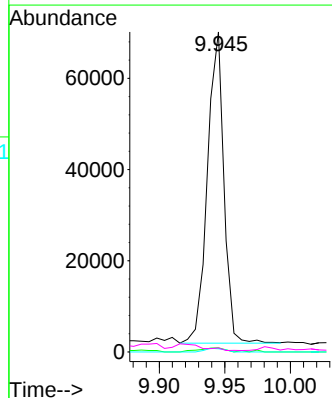
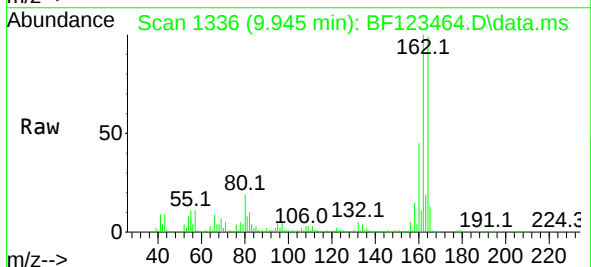
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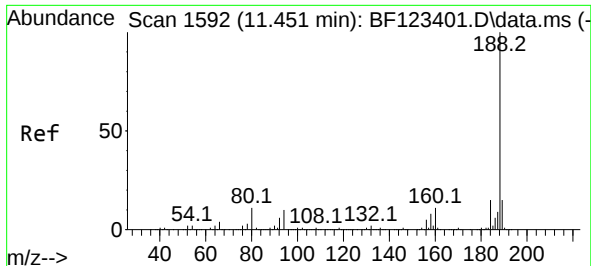
Tgt Ion:184 Resp: 117
Ion Ratio Lower Upper
184 100
63 0.0 51.4 77.2#
154 338.1 49.7 74.5#



#57
2,4-Dinitrotoluene
Concen: 7.31 ng
RT: 9.945 min Scan# 1336
Delta R.T. -0.182 min
Lab File: BF123464.D
Acq: 25 Mar 2021 16:33

Tgt Ion:165 Resp: 59955
Ion Ratio Lower Upper
165 100
63 1.3 34.3 51.5#
89 1.0 55.2 82.8#
182 1.3 2.2 3.2#

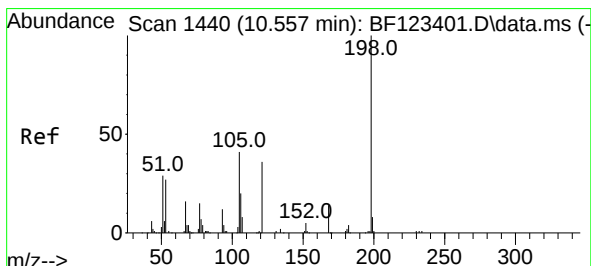
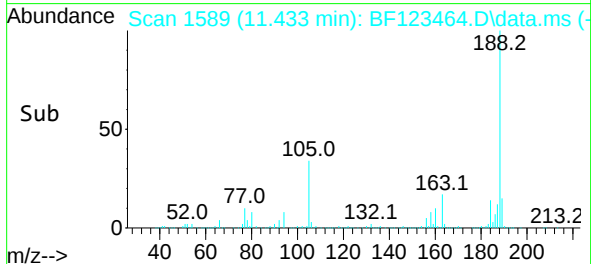
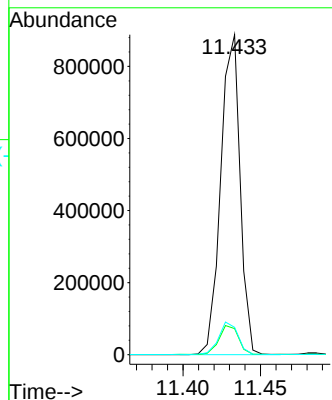
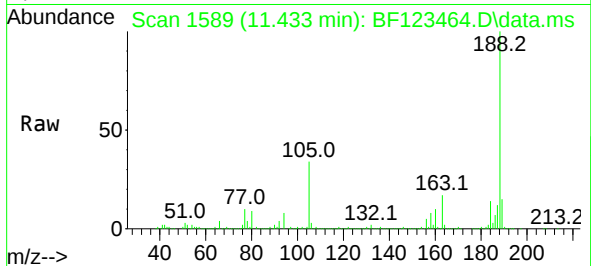




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.433 min Scan# 1589
Delta R.T. -0.000 min
Lab File: BF123464.D
Acq: 25 Mar 2021 16:33

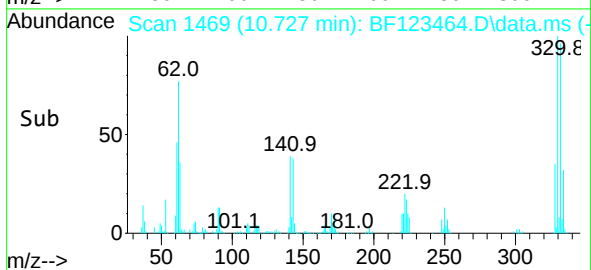
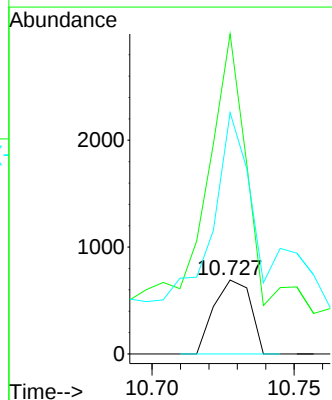
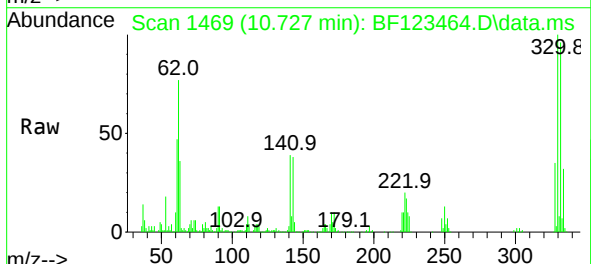
Instrument :
BNA_F
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FS-SB-15-21-22

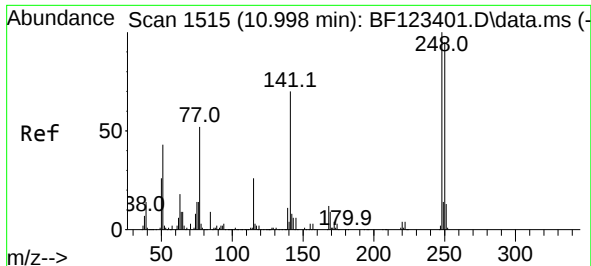
Tgt Ion:188 Resp: 771665
Ion Ratio Lower Upper
188 100
94 8.1 7.4 11.2
80 8.5 8.2 12.4



#65
4,6-Dinitro-2-methylphenol
Concen: 5.26 ng
RT: 10.727 min Scan# 1469
Delta R.T. 0.194 min
Lab File: BF123464.D
Acq: 25 Mar 2021 16:33

Tgt Ion:198 Resp: 619
Ion Ratio Lower Upper
198 100
51 432.8 20.3 60.3#
105 326.3 23.0 63.0#

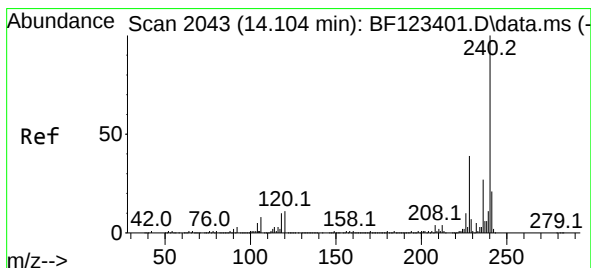
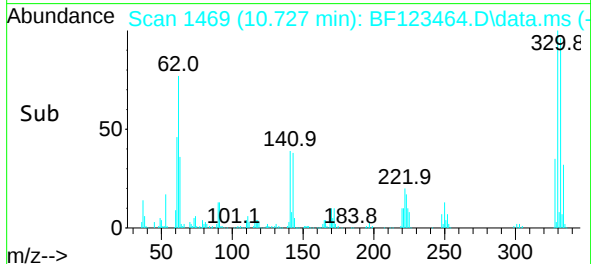
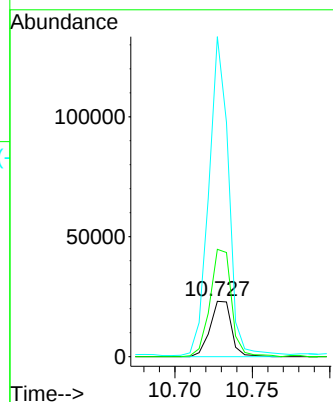
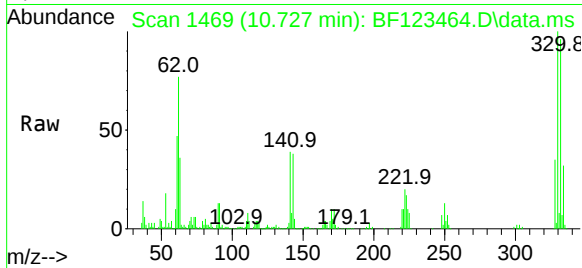




#67
4-Bromophenyl-phenylether
Concen: 2.41 ng
RT: 10.727 min Scan# 1469
Delta R.T. -0.253 min
Lab File: BF123464.D
Acq: 25 Mar 2021 16:33

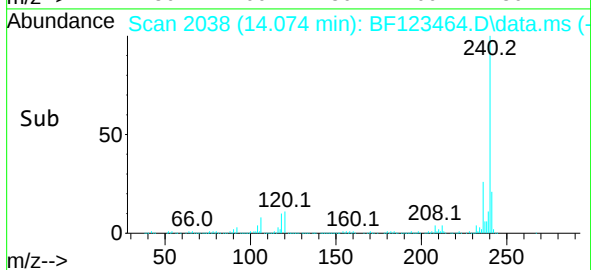
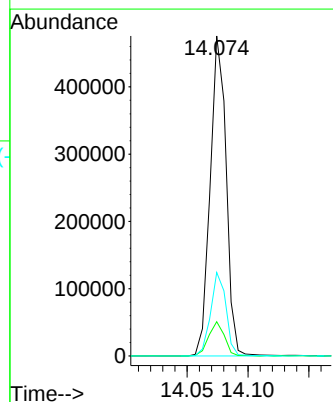
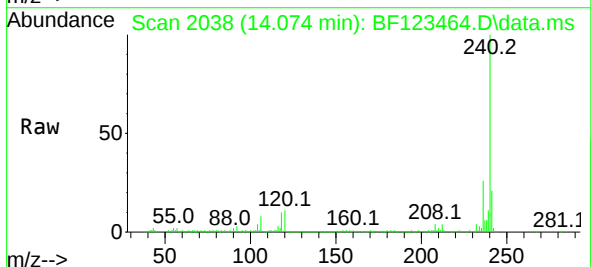
Instrument :
BNA_F
ClientSampleId :
FS-SB-15-21-22

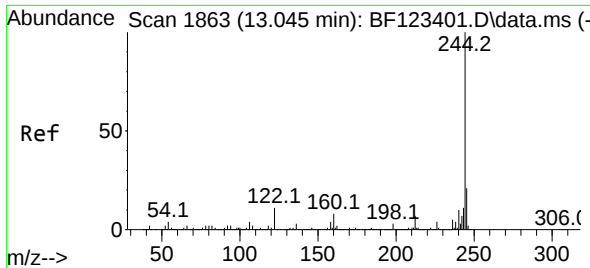
Tgt Ion:248 Resp: 22050
Ion Ratio Lower Upper
248 100
250 193.8 76.8 115.2#
141 577.3 59.8 89.8#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.074 min Scan# 2038
Delta R.T. -0.006 min
Lab File: BF123464.D
Acq: 25 Mar 2021 16:33

Tgt Ion:240 Resp: 434206
Ion Ratio Lower Upper
240 100
120 10.7 8.6 12.8
236 26.1 20.3 30.5

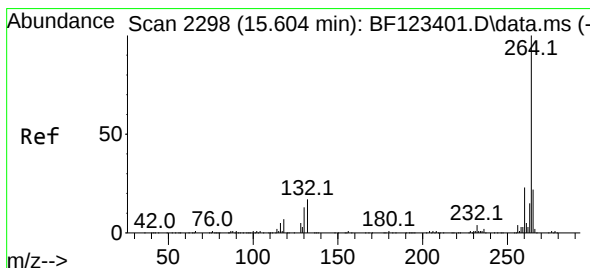
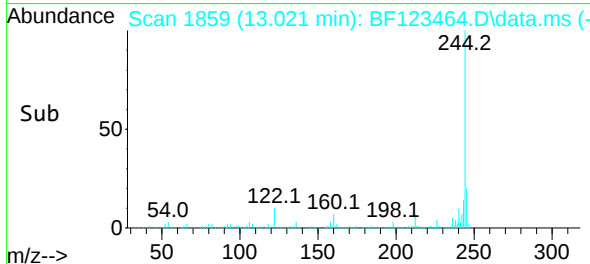
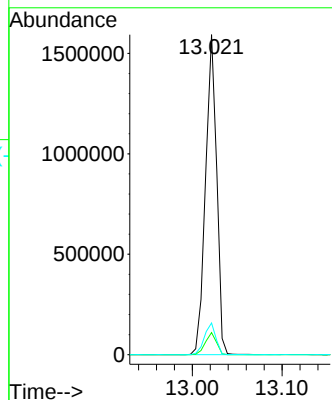
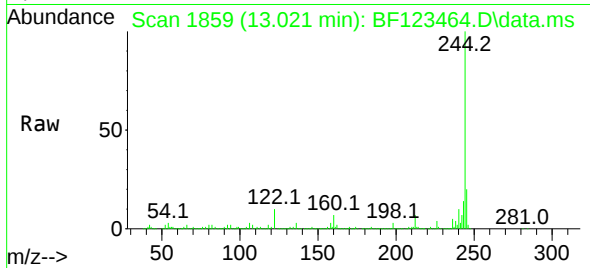




#79
Terphenyl-d14
Concen: 53.52 ng
RT: 13.021 min Scan# 1859
Delta R.T. -0.000 min
Lab File: BF123464.D
Acq: 25 Mar 2021 16:33

Instrument :
BNA_F
ClientSampleId :
FS-SB-15-21-22

Tgt Ion:244 Resp: 1371121
Ion Ratio Lower Upper
244 100
212 6.9 5.7 8.5
122 9.9 8.3 12.5



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.574 min Scan# 2293
Delta R.T. -0.000 min
Lab File: BF123464.D
Acq: 25 Mar 2021 16:33

Tgt Ion:264 Resp: 392347
Ion Ratio Lower Upper
264 100
260 22.1 18.6 28.0
265 20.3 17.0 25.6

