

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022221\
 Data File : BF123261.D
 Acq On : 22 Feb 2021 16:30
 Operator : JU/CG
 Sample : M1452-08
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-2

Quant Time: Feb 22 16:52:21 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF021921.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 19 16:08:53 2021
 Response via : Initial Calibration

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

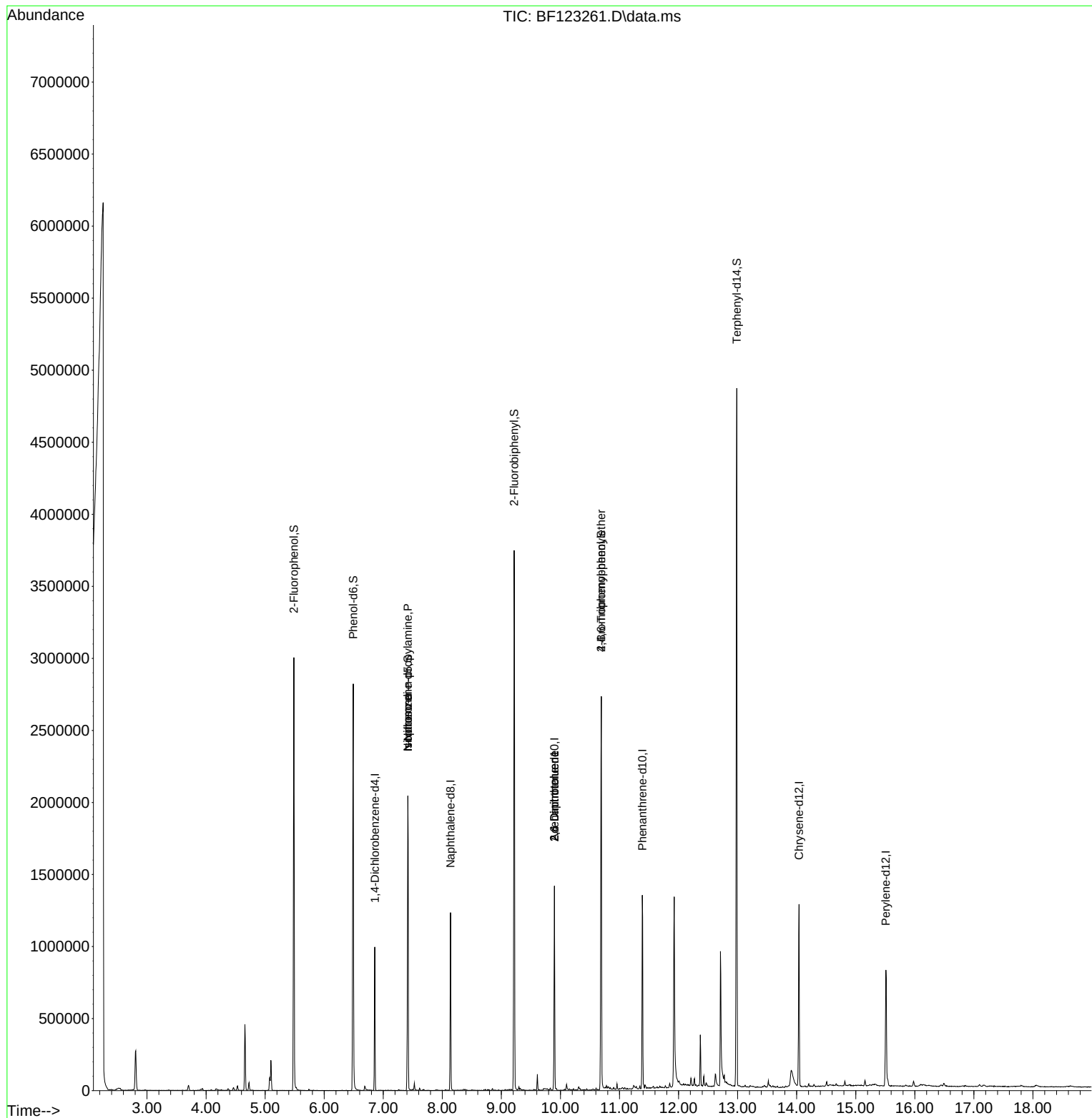
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.857	152	116265	20.00	ng	0.00
21) Naphthalene-d8	8.139	136	468245	20.00	ng	# 0.00
39) Acenaphthene-d10	9.898	164	249697	20.00	ng	0.00
64) Phenanthrene-d10	11.386	188	475198	20.00	ng	0.00
76) Chrysene-d12	14.039	240	405892	20.00	ng	0.00
86) Perylene-d12	15.509	264	357727	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	759857	94.07	ng	0.01
7) Phenol-d6	6.492	99	920140	83.85	ng	0.00
23) Nitrobenzene-d5	7.416	82	684505	66.92	ng	-0.01
42) 2,4,6-Tribromophenol	10.692	330	297483	117.00	ng	0.00
45) 2-Fluorobiphenyl	9.216	172	1166476	67.10	ng	0.00
79) Terphenyl-d14	12.986	244	1464299	69.37	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.492	77	1684	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.416	70	93716	14.36	ng	# 80
25) Isophorone	7.416	82	680275	35.56	ng	# 65
51) 2,6-Dinitrotoluene	9.898	165	32564	7.57	ng	# 32
57) 2,4-Dinitrotoluene	9.898	165	32564	5.63	ng	# 26
67) 4-Bromophenyl-phenylether	10.692	248	22191	4.28	ng	# 1

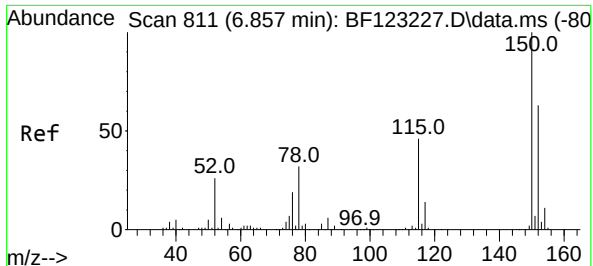
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Feb 19 16:08:53 2021
Response via : Initial Calibration

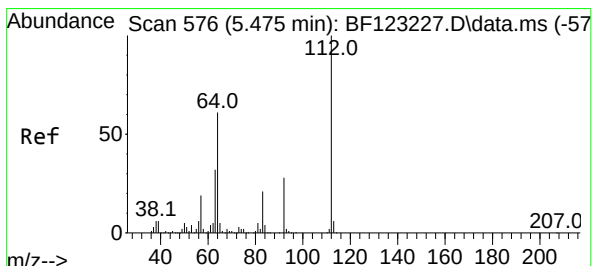
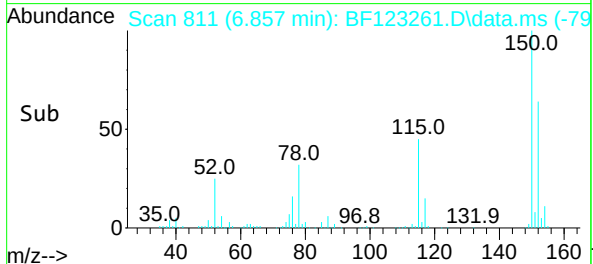
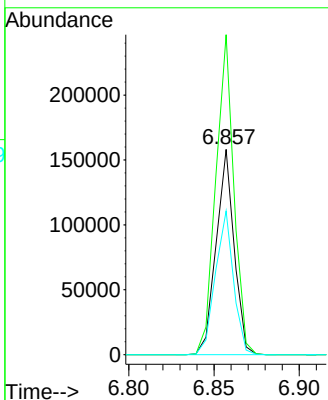
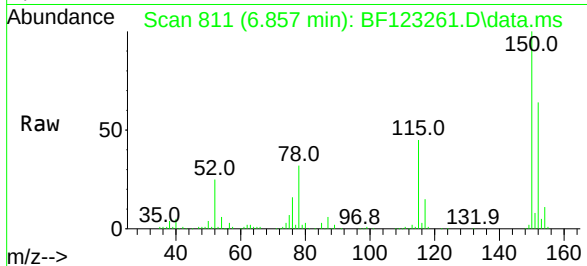




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.857 min Scan# 811
Delta R.T. 0.000 min
Lab File: BF123261.D
Acq: 22 Feb 2021 16:30

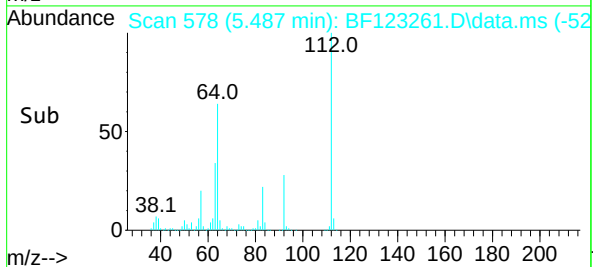
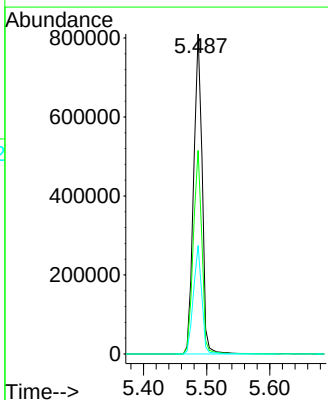
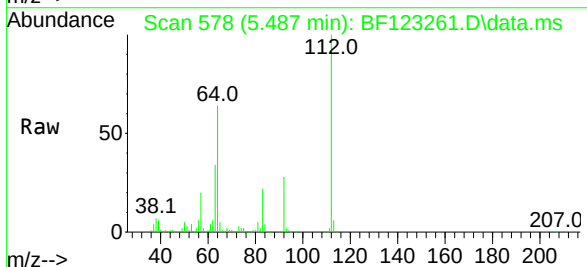
Instrument :
BNA_F
ClientSampled :
TP-2

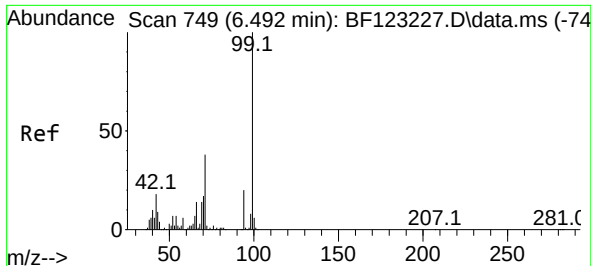
Tgt Ion:152 Resp: 116265
Ion Ratio Lower Upper
152 100
150 155.8 125.8 188.6
115 70.0 49.3 73.9



#5
2-Fluorophenol
Concen: 94.07 ng
RT: 5.487 min Scan# 578
Delta R.T. 0.012 min
Lab File: BF123261.D
Acq: 22 Feb 2021 16:30

Tgt Ion:112 Resp: 759857
Ion Ratio Lower Upper
112 100
64 63.6 46.9 70.3
63 33.9 24.5 36.7

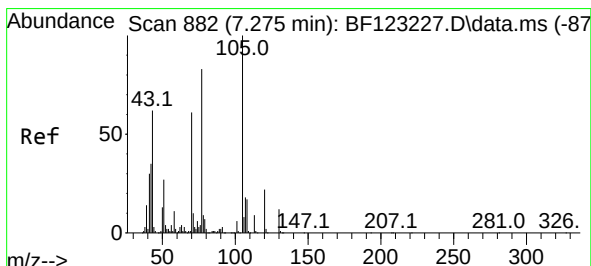
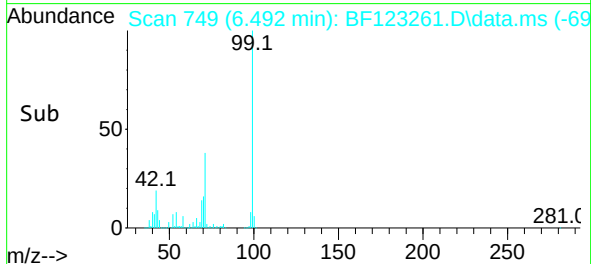
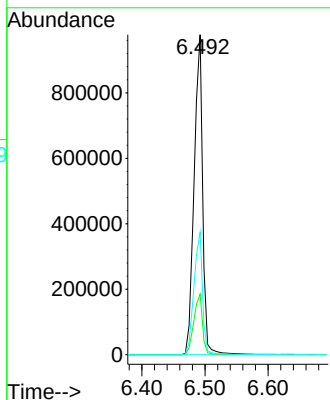
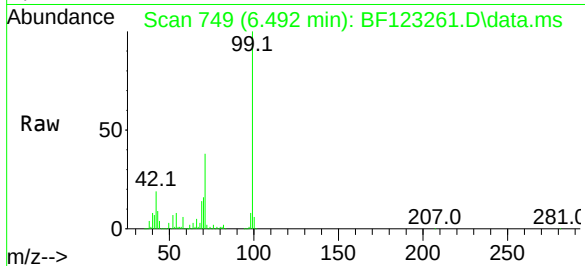




#7
Phenol-d6
Concen: 83.85 ng
RT: 6.492 min Scan# 749
Delta R.T. -0.000 min
Lab File: BF123261.D
Acq: 22 Feb 2021 16:30

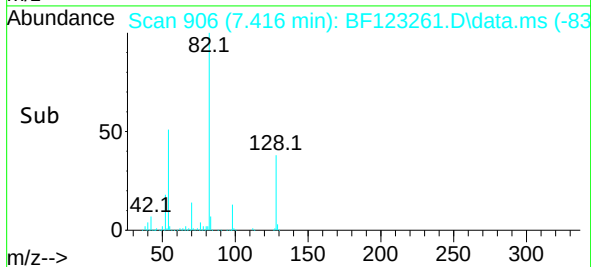
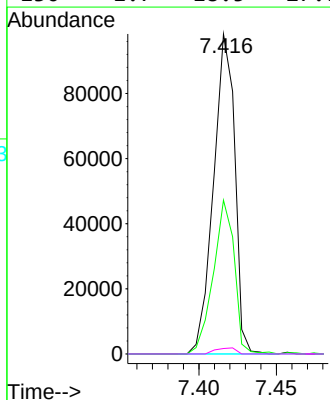
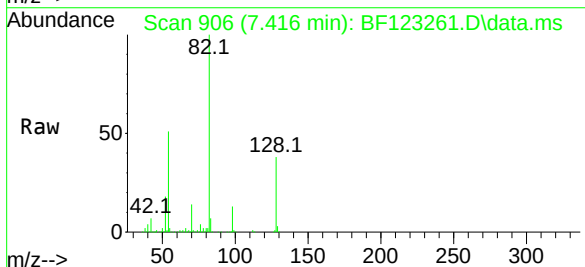
Instrument :
BNA_F
ClientSampleId :
TP-2

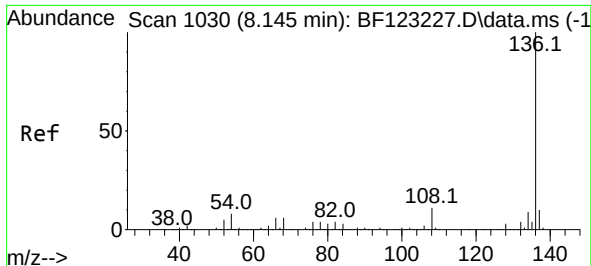
Tgt Ion:	99	Resp:	920140
Ion	Ratio	Lower	Upper
99	100		
42	18.9	13.8	20.6
71	38.3	26.9	40.3



#19
n-Nitroso-di-n-propylamine
Concen: 14.36 ng
RT: 7.416 min Scan# 906
Delta R.T. 0.141 min
Lab File: BF123261.D
Acq: 22 Feb 2021 16:30

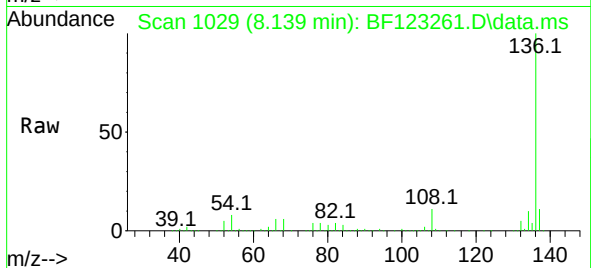
Tgt Ion:	70	Resp:	93716
Ion	Ratio	Lower	Upper
70	100		
42	48.0	43.0	64.4
101	0.0	7.9	11.9#
130	1.7	18.5	27.7#



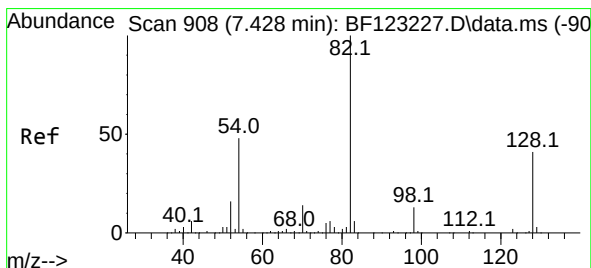
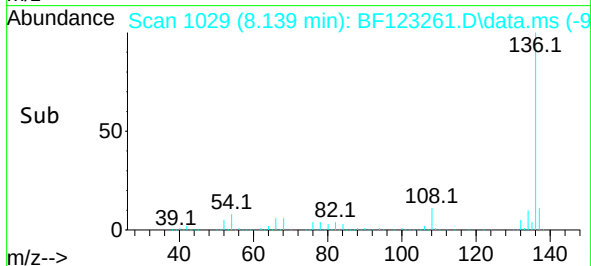
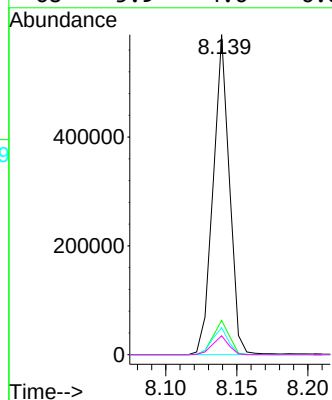


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.139 min Scan# 1029
Delta R.T. -0.006 min
Lab File: BF123261.D
Acq: 22 Feb 2021 16:30

Instrument :
BNA_F
ClientSampleId :
TP-2

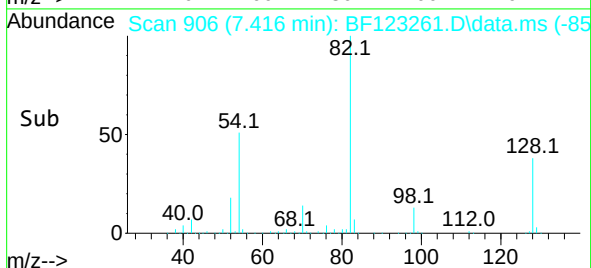
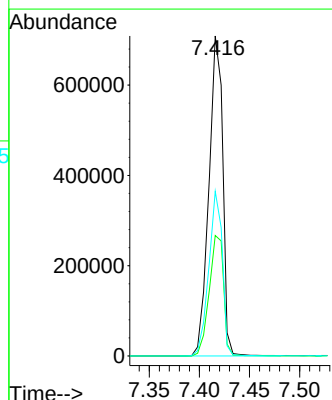
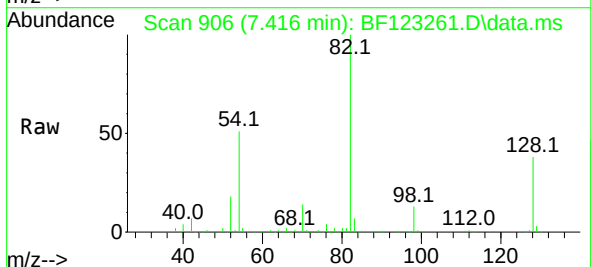


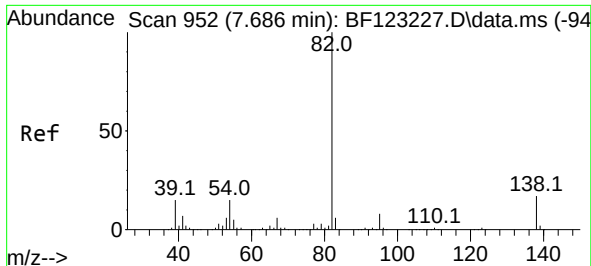
Tgt Ion:136 Resp: 468245
Ion Ratio Lower Upper
136 100
137 10.7 8.8 13.2
54 8.4 5.5 8.3#
68 5.9 4.6 6.8



#23
Nitrobenzene-d5
Concen: 66.92 ng
RT: 7.416 min Scan# 906
Delta R.T. -0.012 min
Lab File: BF123261.D
Acq: 22 Feb 2021 16:30

Tgt Ion: 82 Resp: 684505
Ion Ratio Lower Upper
82 100
128 37.6 37.0 55.4
54 51.5 38.4 57.6

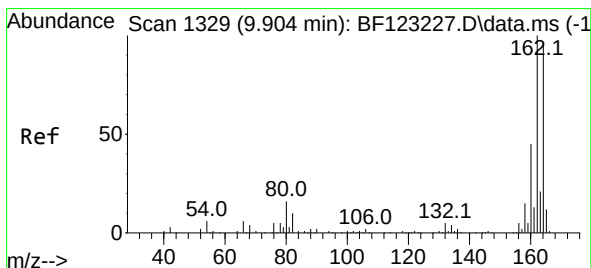
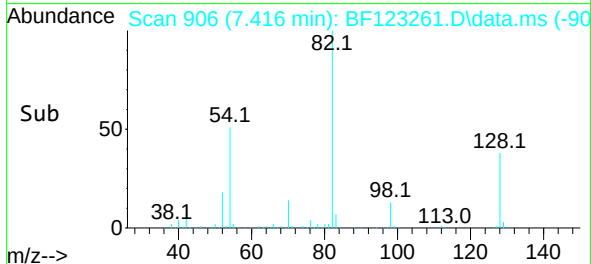
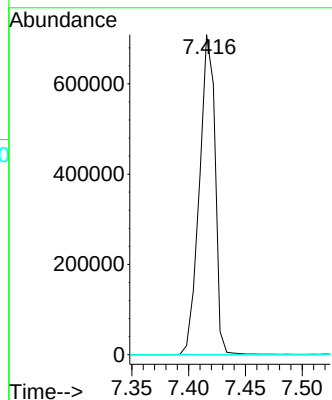
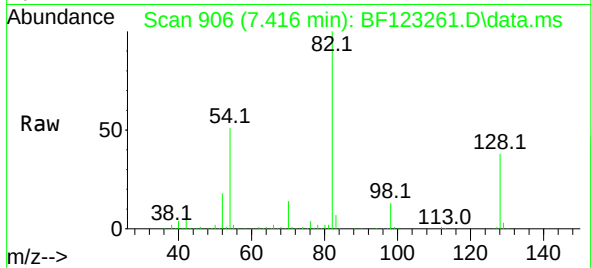




#25
Isophorone
Concen: 35.56 ng
RT: 7.416 min Scan# 906
Delta R.T. -0.271 min
Lab File: BF123261.D
Acq: 22 Feb 2021 16:30

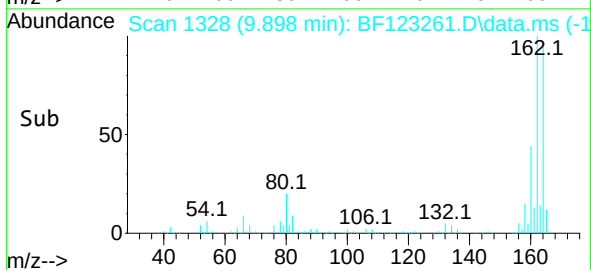
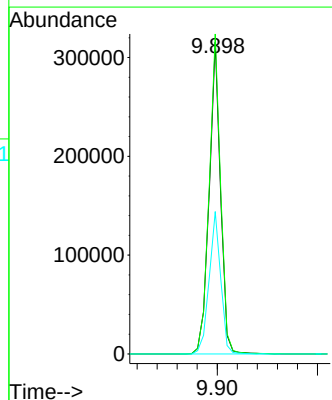
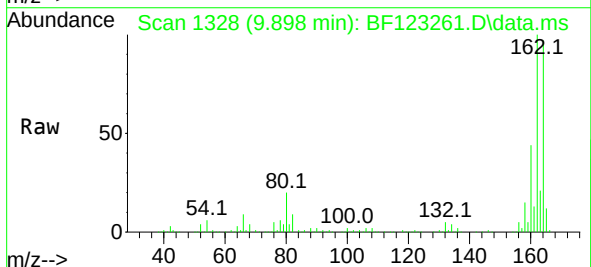
Instrument :
BNA_F
ClientSampleId :
TP-2

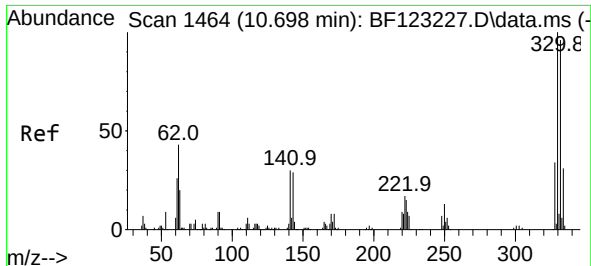
Tgt Ion: 82 Resp: 680275
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 14.6 21.8#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.898 min Scan# 1328
Delta R.T. -0.006 min
Lab File: BF123261.D
Acq: 22 Feb 2021 16:30

Tgt Ion:164 Resp: 249697
Ion Ratio Lower Upper
164 100
162 102.6 80.8 121.2
160 45.6 35.4 53.0

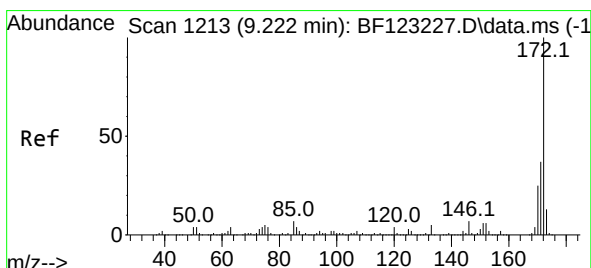
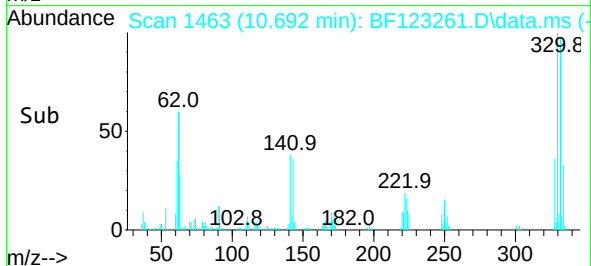
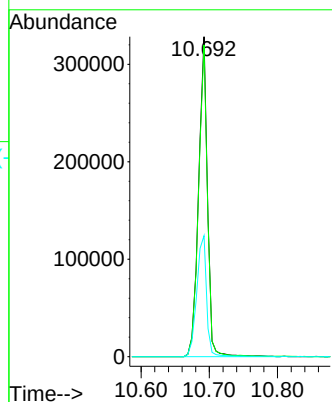
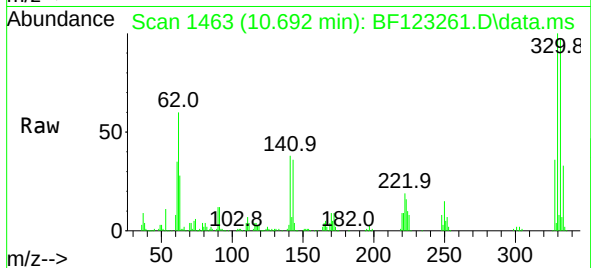




#42
2,4,6-Tribromophenol
Concen: 117.00 ng
RT: 10.692 min Scan# 1463
Delta R.T. -0.006 min
Lab File: BF123261.D
Acq: 22 Feb 2021 16:30

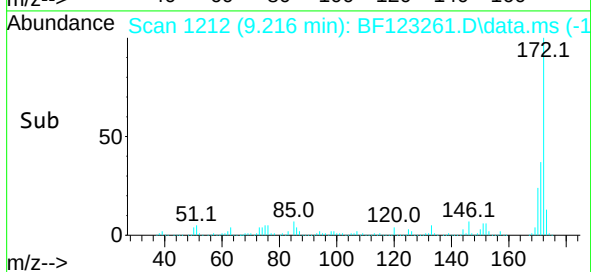
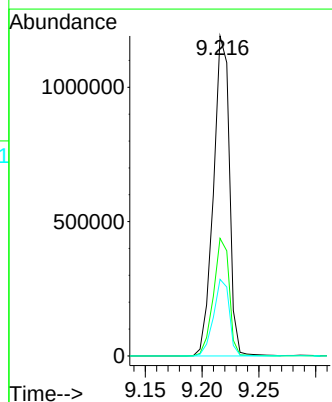
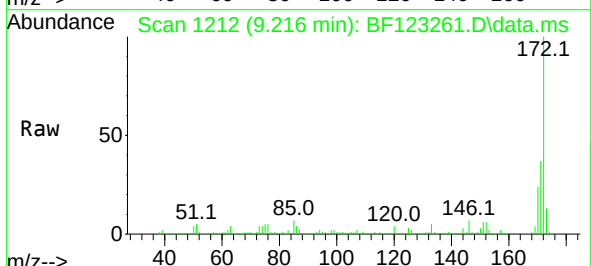
Instrument :
BNA_F
ClientSampleID :
TP-2

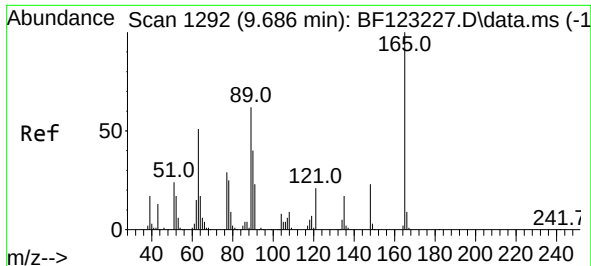
Tgt Ion: 330 Resp: 297483
Ion Ratio Lower Upper
330 100
332 97.9 77.5 116.3
141 41.8 23.8 35.8#



#45
2-Fluorobiphenyl
Concen: 67.10 ng
RT: 9.216 min Scan# 1212
Delta R.T. -0.006 min
Lab File: BF123261.D
Acq: 22 Feb 2021 16:30

Tgt Ion: 172 Resp: 1166476
Ion Ratio Lower Upper
172 100
171 36.7 29.6 44.4
170 23.9 19.5 29.3

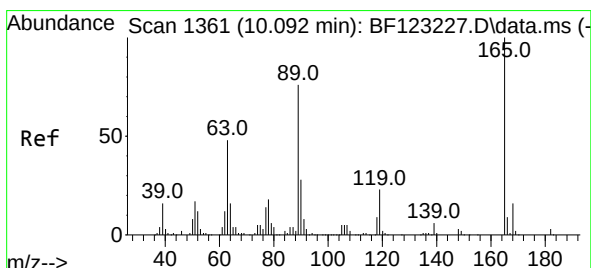
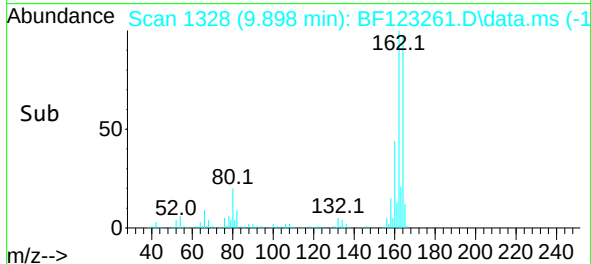
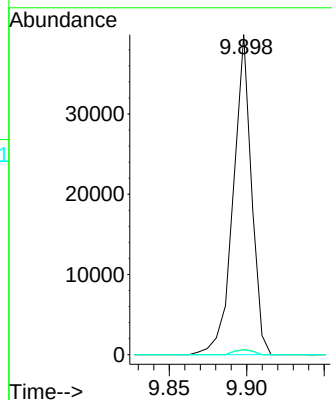
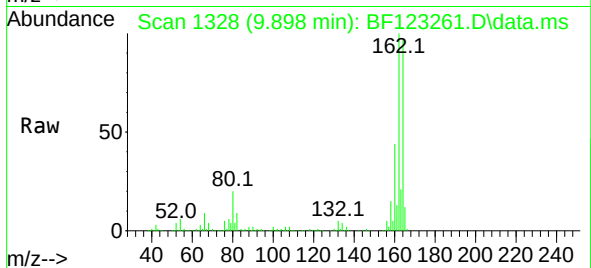




#51
2,6-Dinitrotoluene
Concen: 7.57 ng
RT: 9.898 min Scan# 1328
Delta R.T. 0.212 min
Lab File: BF123261.D
Acq: 22 Feb 2021 16:30

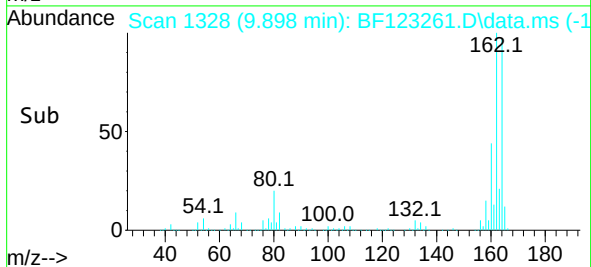
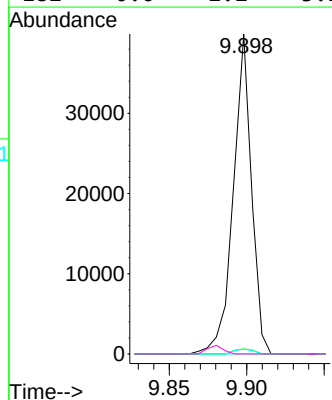
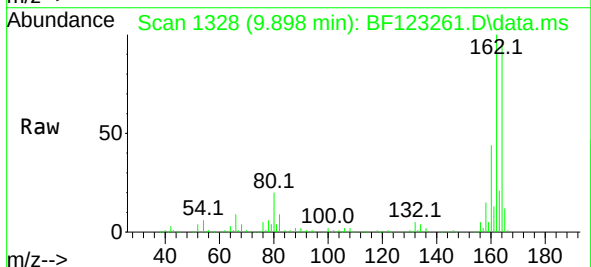
Instrument :
BNA_F
ClientSampled :
TP-2

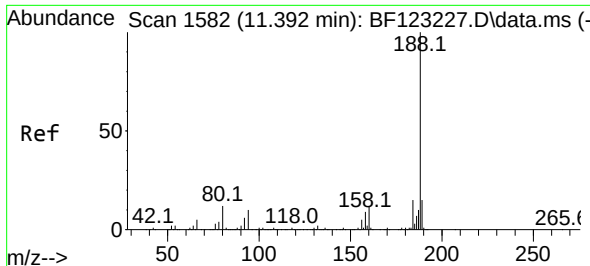
Tgt Ion:165 Resp: 32564
Ion Ratio Lower Upper
165 100
63 1.6 36.6 55.0#
89 1.5 39.4 59.0#



#57
2,4-Dinitrotoluene
Concen: 5.63 ng
RT: 9.898 min Scan# 1328
Delta R.T. -0.194 min
Lab File: BF123261.D
Acq: 22 Feb 2021 16:30

Tgt Ion:165 Resp: 32564
Ion Ratio Lower Upper
165 100
63 1.6 34.3 51.5#
89 1.5 55.2 82.8#
182 0.0 2.2 3.2#

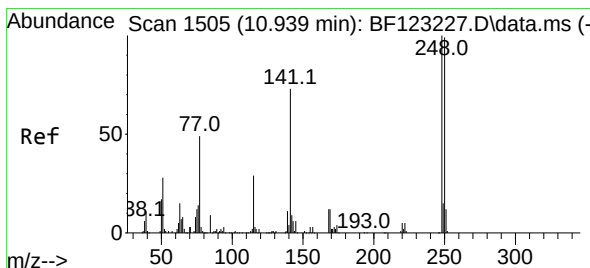
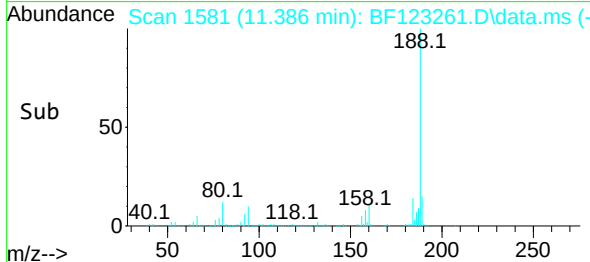
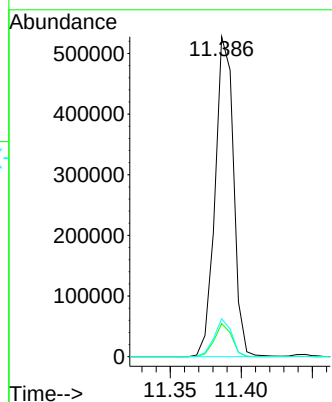
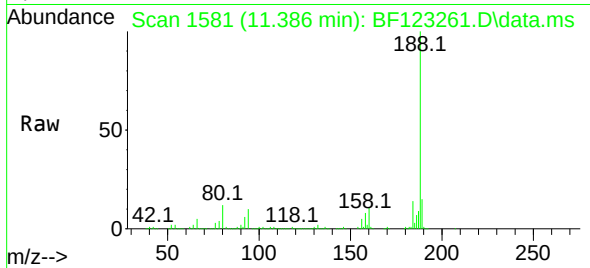




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.386 min Scan# 1581
Delta R.T. -0.006 min
Lab File: BF123261.D
Acq: 22 Feb 2021 16:30

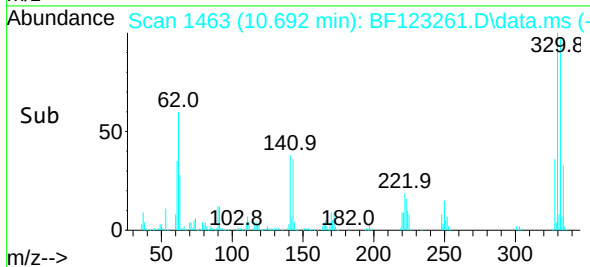
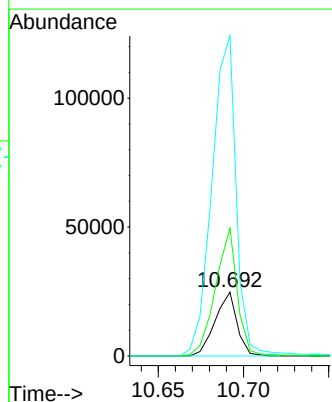
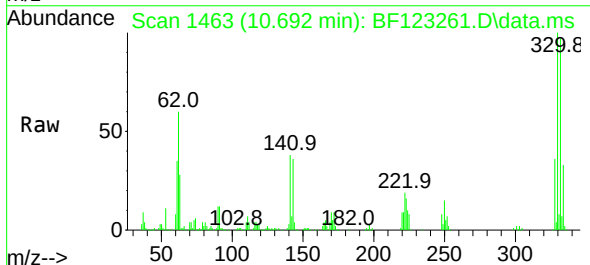
Instrument :
BNA_F
ClientSampleId :
TP-2

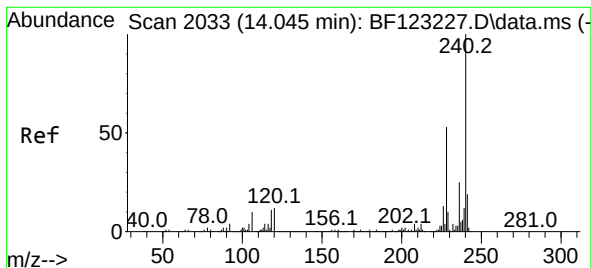
Tgt Ion:188 Resp: 475198
Ion Ratio Lower Upper
188 100
94 10.4 7.4 11.2
80 11.8 8.2 12.4



#67
4-Bromophenyl-phenylether
Concen: 4.28 ng
RT: 10.692 min Scan# 1463
Delta R.T. -0.247 min
Lab File: BF123261.D
Acq: 22 Feb 2021 16:30

Tgt Ion:248 Resp: 22191
Ion Ratio Lower Upper
248 100
250 200.5 76.8 115.2#
141 502.6 59.8 89.8#

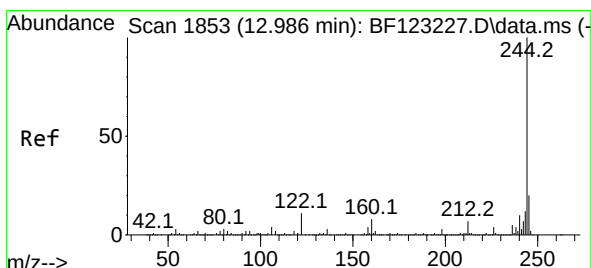
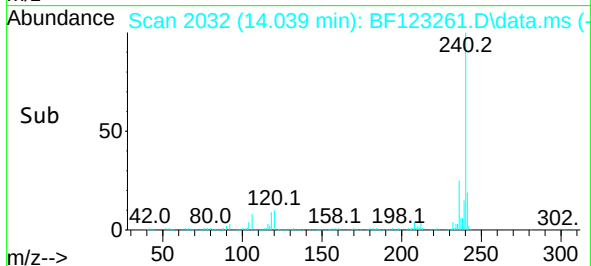
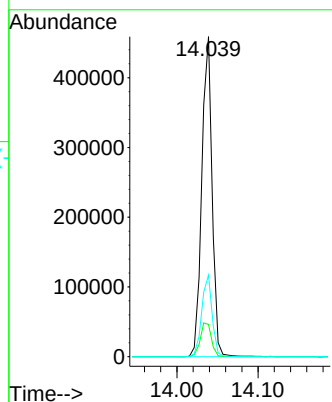
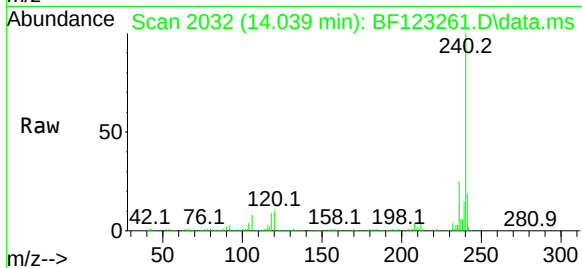




#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.039 min Scan# 2032
Delta R.T. -0.006 min
Lab File: BF123261.D
Acq: 22 Feb 2021 16:30

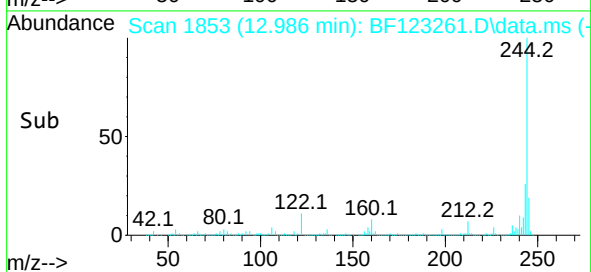
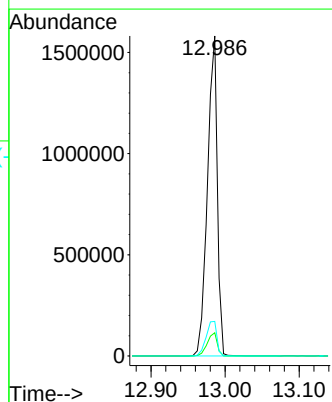
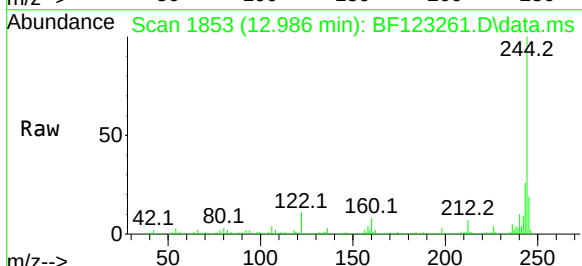
Instrument :
BNA_F
ClientSampled :
TP-2

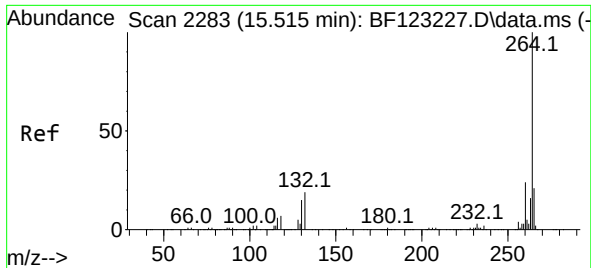
Tgt Ion:240 Resp: 405892
Ion Ratio Lower Upper
240 100
120 10.1 8.6 12.8
236 25.5 20.3 30.5



#79
Terphenyl-d14
Concen: 69.37 ng
RT: 12.986 min Scan# 1853
Delta R.T. -0.000 min
Lab File: BF123261.D
Acq: 22 Feb 2021 16:30

Tgt Ion:244 Resp: 1464299
Ion Ratio Lower Upper
244 100
212 7.2 5.7 8.5
122 10.8 8.3 12.5





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.509 min Scan# 2282
 Delta R.T. -0.006 min
 Lab File: BF123261.D
 Acq: 22 Feb 2021 16:30

Instrument :
 BNA_F
 ClientSampleId :
 TP-2

Tgt Ion:264 Resp: 357727

Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.6	28.0
265	21.6	17.0	25.6

