

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021121\
 Data File : BF123185.D
 Acq On : 11 Feb 2021 14:54
 Operator : JU/CG
 Sample : M1367-04
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OUTSIDE-SLAB

Quant Time: Feb 11 15:23:01 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 11 14:10:38 2021
 Response via : Initial Calibration

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

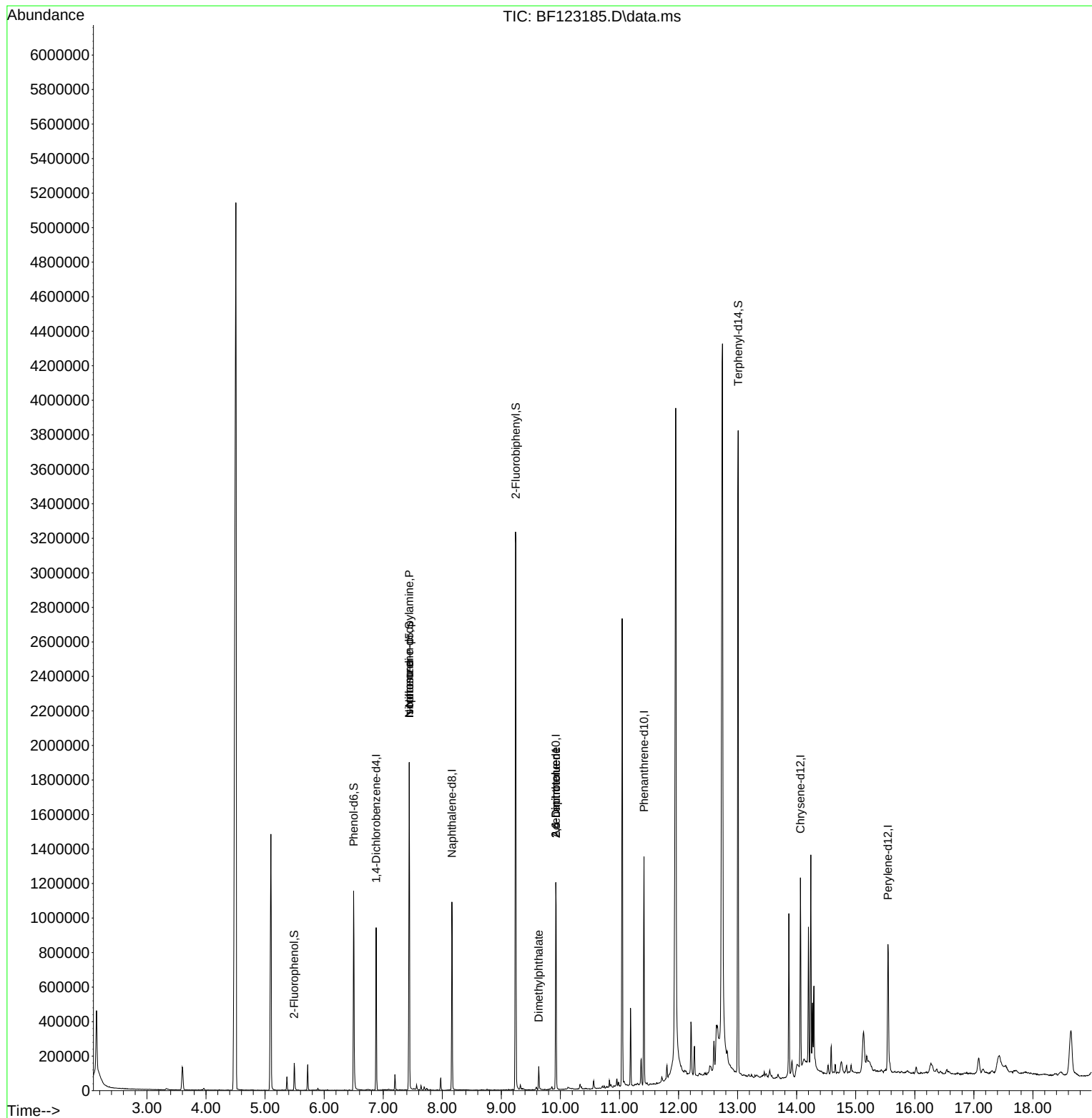
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	123637	20.00	ng	0.00
21) Naphthalene-d8	8.163	136	468506	20.00	ng	0.00
39) Acenaphthene-d10	9.922	164	251450	20.00	ng	0.00
64) Phenanthrene-d10	11.416	188	455054	20.00	ng	0.00
76) Chrysene-d12	14.063	240	368412	20.00	ng	-0.01
86) Perylene-d12	15.545	264	351841	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	45941	5.73	ng	0.00
7) Phenol-d6	6.498	99	384201	35.36	ng	-0.01
23) Nitrobenzene-d5	7.440	82	585604	62.91	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	642	0.24	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1091389	64.52	ng	0.00
79) Terphenyl-d14	13.010	244	1152466	61.46	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.440	70	77868	11.92	ng	Qvalue # 78
25) Isophorone	7.440	82	585599	34.34	ng	# 65
50) Dimethylphthalate	9.634	163	53869	2.73	ng	100
51) 2,6-Dinitrotoluene	9.922	165	32599	7.76	ng	# 31
57) 2,4-Dinitrotoluene	9.922	165	32599	5.96	ng	# 26

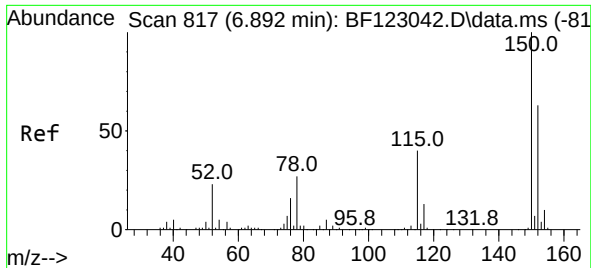
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 6 Sample Multiplier: 1

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 11 14:10:38 2021
Response via : Initial Calibration

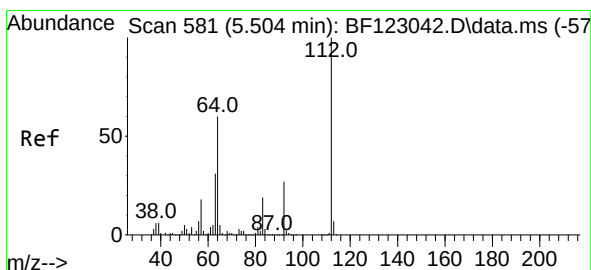
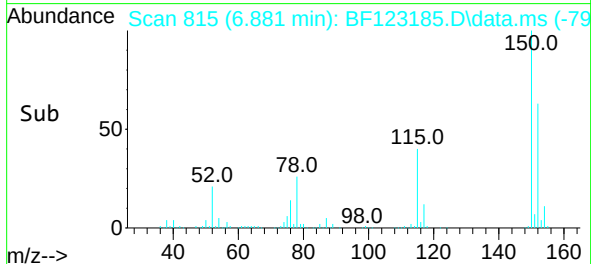
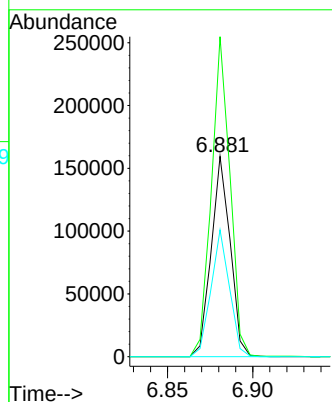
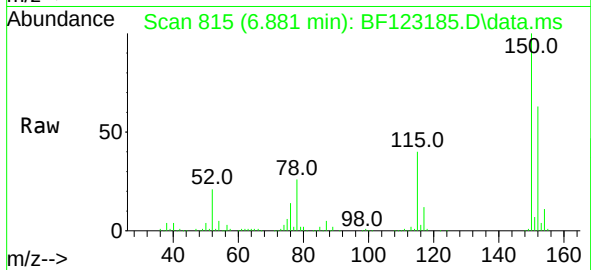




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.881 min Scan# 815
Delta R.T. -0.006 min
Lab File: BF123185.D
Acq: 11 Feb 2021 14:54

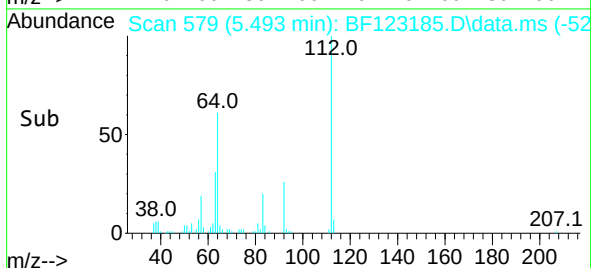
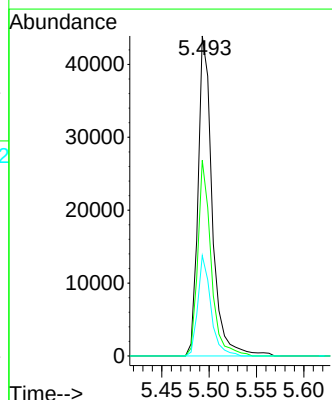
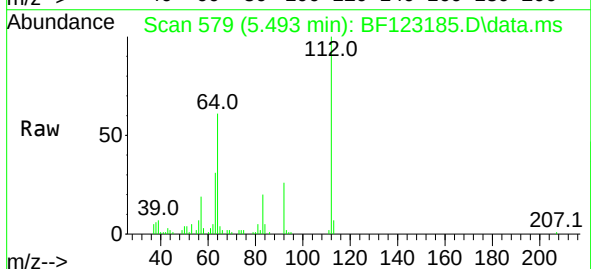
Instrument :
BNA_F
ClientSampleId :
OUTSIDE-SLAB

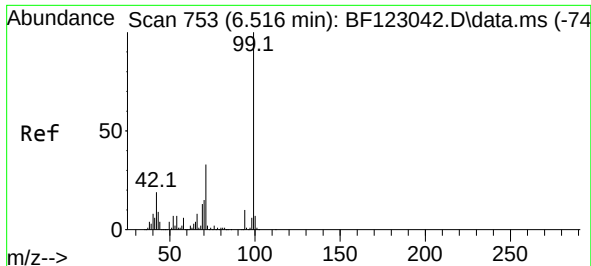
Tgt Ion:152 Resp: 123637
Ion Ratio Lower Upper
152 100
150 159.8 125.8 188.6
115 63.3 49.3 73.9



#5
2-Fluorophenol
Concen: 5.73 ng
RT: 5.493 min Scan# 579
Delta R.T. -0.006 min
Lab File: BF123185.D
Acq: 11 Feb 2021 14:54

Tgt Ion:112 Resp: 45941
Ion Ratio Lower Upper
112 100
64 61.2 46.9 70.3
63 31.3 24.5 36.7

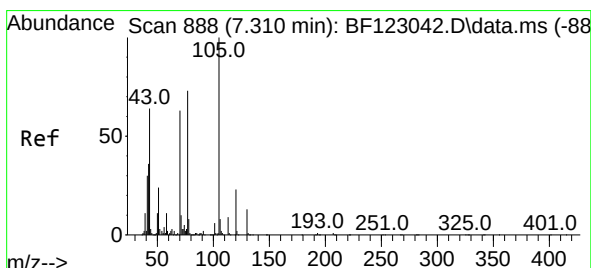
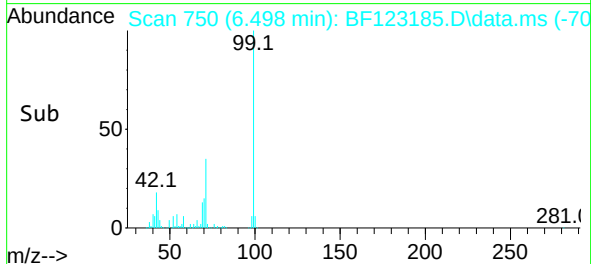
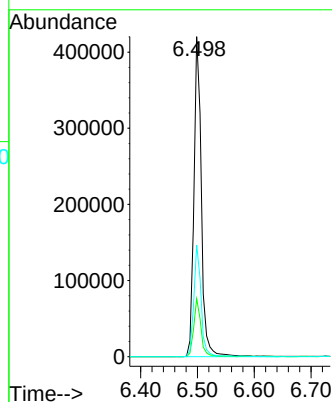
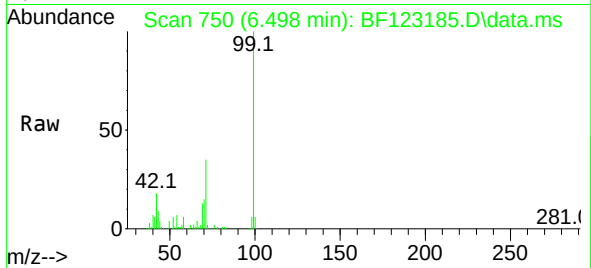




#7
Phenol-d6
Concen: 35.36 ng
RT: 6.498 min Scan# 750
Delta R.T. -0.012 min
Lab File: BF123185.D
Acq: 11 Feb 2021 14:54

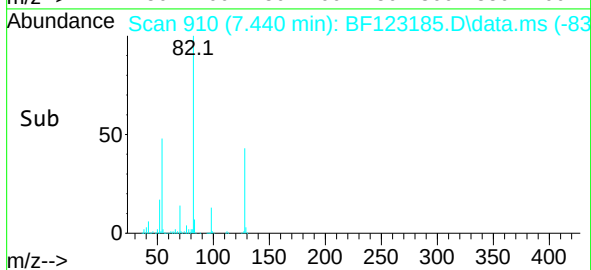
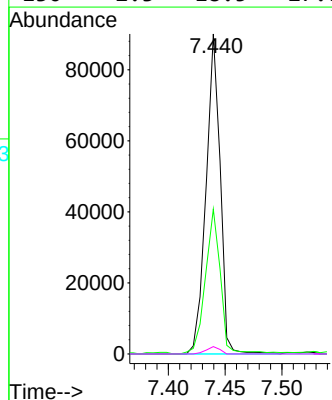
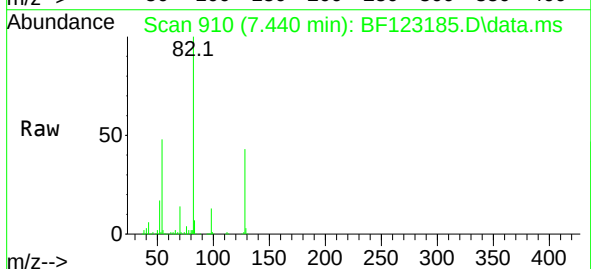
Instrument :
BNA_F
ClientSampleId :
OUTSIDE-SLAB

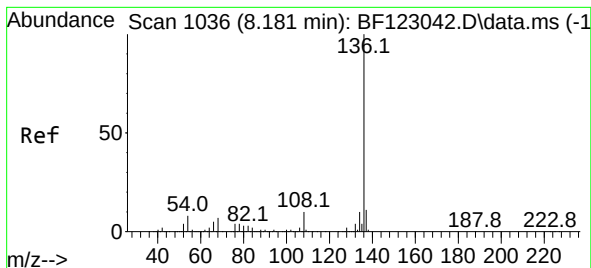
Tgt Ion: 99 Resp: 384201
Ion Ratio Lower Upper
99 100
42 18.1 13.8 20.6
71 34.9 26.9 40.3



#19
n-Nitroso-di-n-propylamine
Concen: 11.92 ng
RT: 7.440 min Scan# 910
Delta R.T. 0.141 min
Lab File: BF123185.D
Acq: 11 Feb 2021 14:54

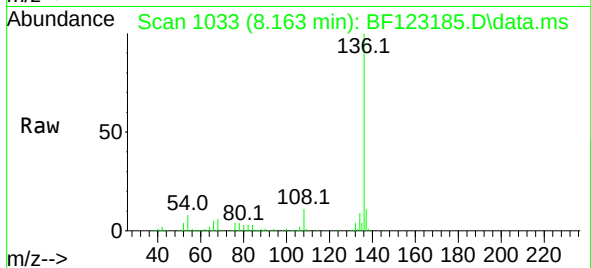
Tgt Ion: 70 Resp: 77868
Ion Ratio Lower Upper
70 100
42 45.3 43.0 64.4
101 0.0 7.9 11.9#
130 2.3 18.5 27.7#



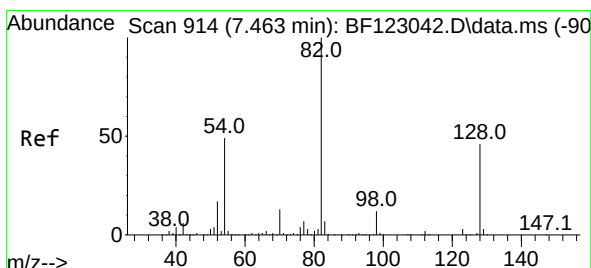
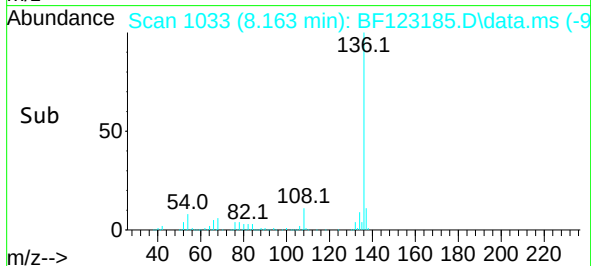
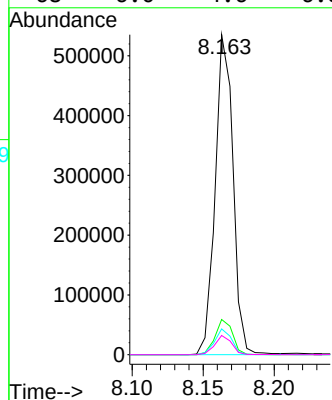


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.163 min Scan# 1033
Delta R.T. -0.006 min
Lab File: BF123185.D
Acq: 11 Feb 2021 14:54

Instrument :
BNA_F
ClientSampleId :
OUTSIDE-SLAB

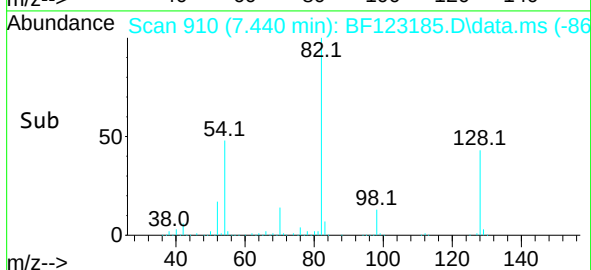
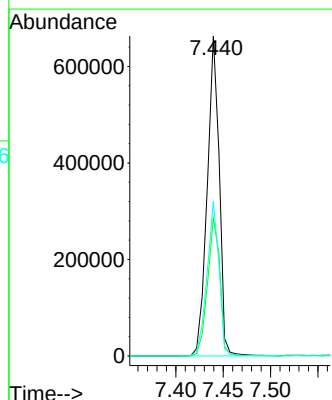
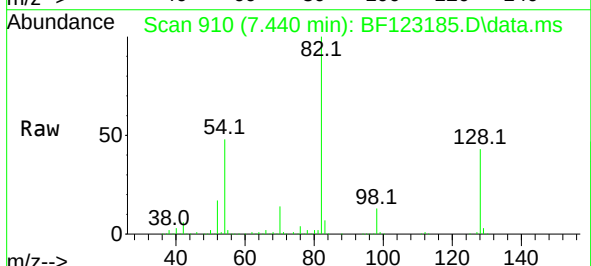


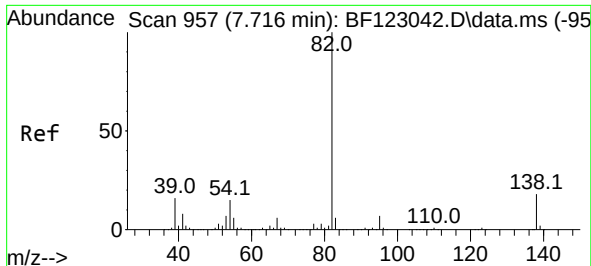
Tgt Ion:	136	Resp:	468506
Ion Ratio	Lower	Upper	
136	100		
137	11.0	8.8	13.2
54	8.0	5.5	8.3
68	6.0	4.6	6.8



#23
Nitrobenzene-d5
Concen: 62.91 ng
RT: 7.440 min Scan# 910
Delta R.T. -0.006 min
Lab File: BF123185.D
Acq: 11 Feb 2021 14:54

Tgt Ion:	82	Resp:	585604
Ion Ratio	Lower	Upper	
82	100		
128	43.1	37.0	55.4
54	48.2	38.4	57.6

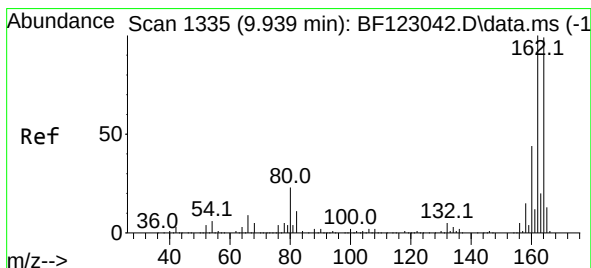
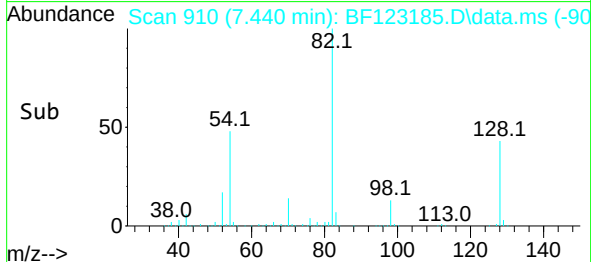
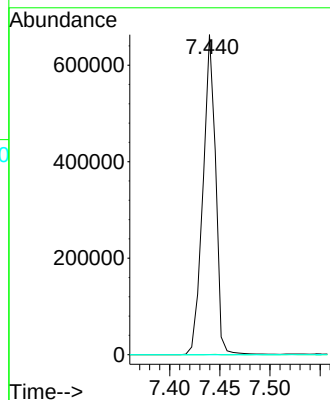
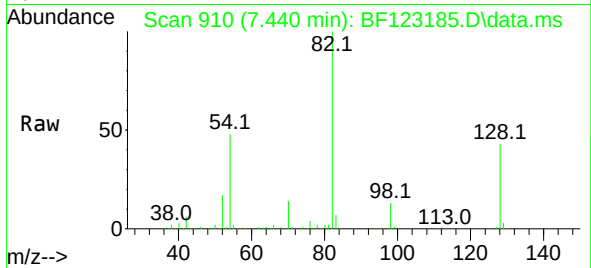




#25
Isophorone
Concen: 34.34 ng
RT: 7.440 min Scan# 910
Delta R.T. -0.265 min
Lab File: BF123185.D
Acq: 11 Feb 2021 14:54

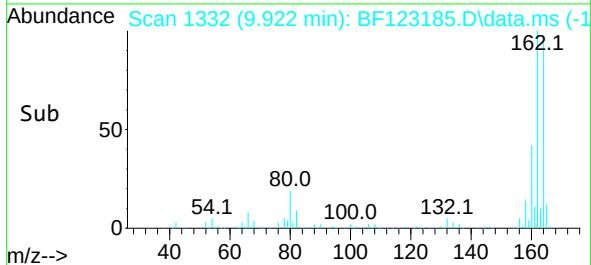
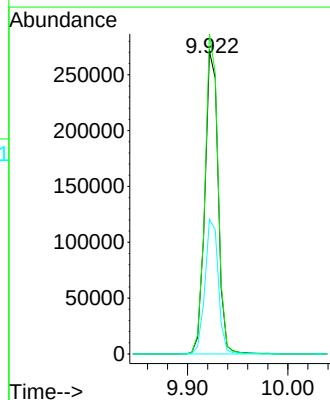
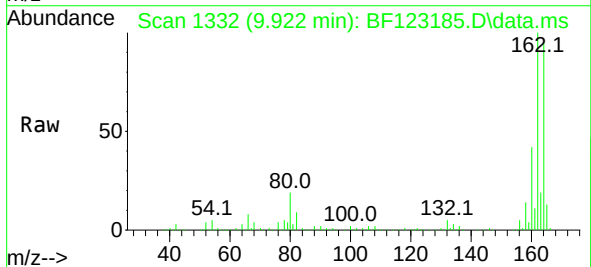
Instrument :
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ClientSampleId :
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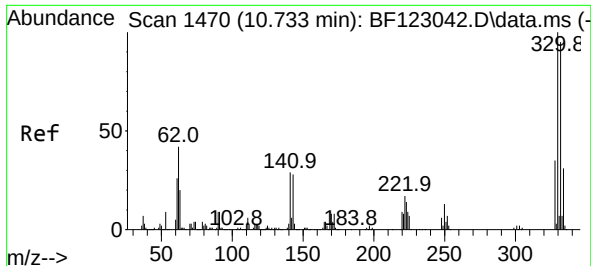
Tgt Ion: 82 Resp: 585599
Ion Ratio Lower Upper
82 100
95 0.1 5.8 8.6#
138 0.0 14.6 21.8#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.922 min Scan# 1332
Delta R.T. -0.006 min
Lab File: BF123185.D
Acq: 11 Feb 2021 14:54

Tgt Ion:164 Resp: 251450
Ion Ratio Lower Upper
164 100
162 105.7 80.8 121.2
160 44.5 35.4 53.0

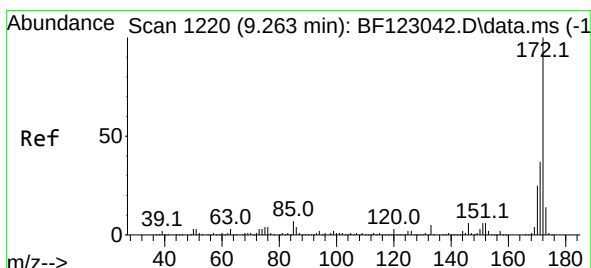
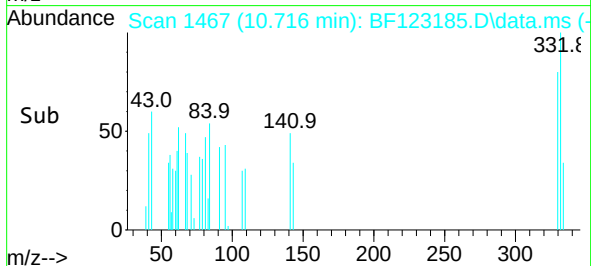
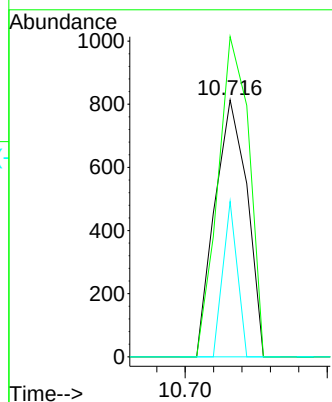
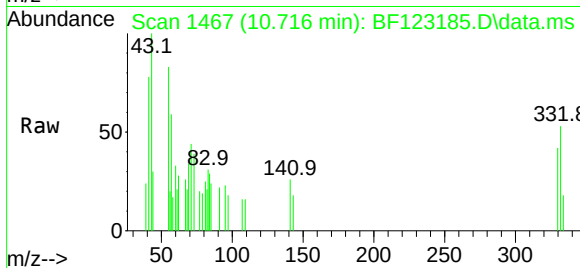




#42
2,4,6-Tribromophenol
Concen: 0.24 ng
RT: 10.716 min Scan# 1467
Delta R.T. -0.006 min
Lab File: BF123185.D
Acq: 11 Feb 2021 14:54

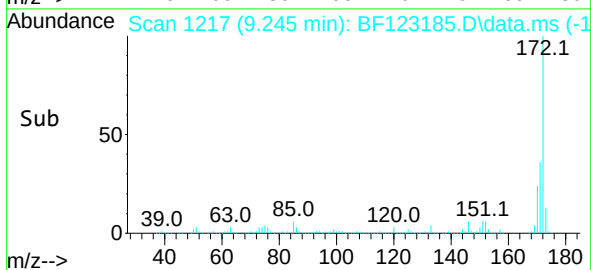
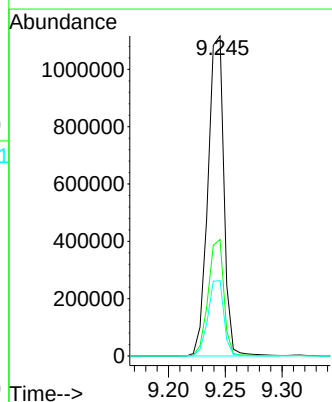
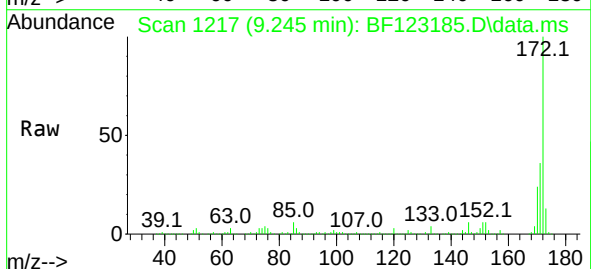
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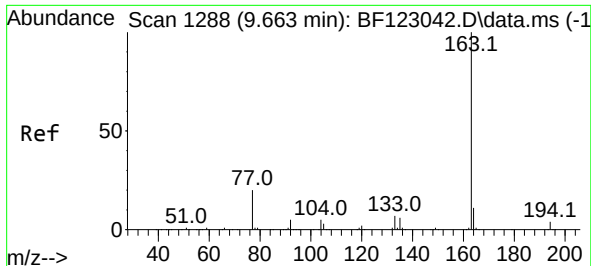
Tgt Ion: 330 Resp: 642
Ion Ratio Lower Upper
330 100
332 120.4 77.5 116.3#
141 27.1 23.8 35.8



#45
2-Fluorobiphenyl
Concen: 64.52 ng
RT: 9.245 min Scan# 1217
Delta R.T. 0.000 min
Lab File: BF123185.D
Acq: 11 Feb 2021 14:54

Tgt Ion: 172 Resp: 1091389
Ion Ratio Lower Upper
172 100
171 36.4 29.6 44.4
170 23.5 19.5 29.3

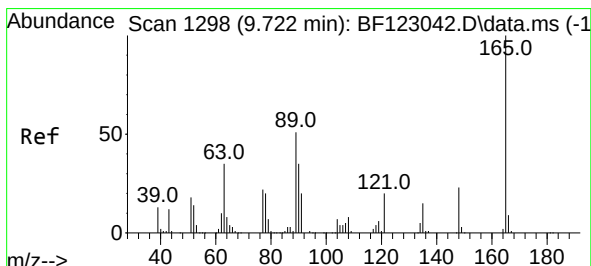
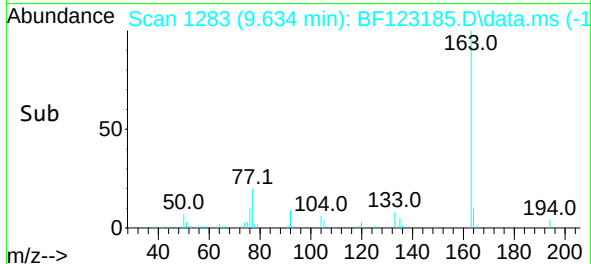
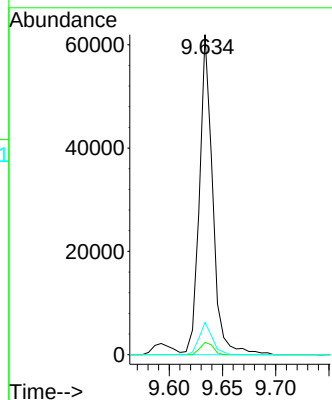
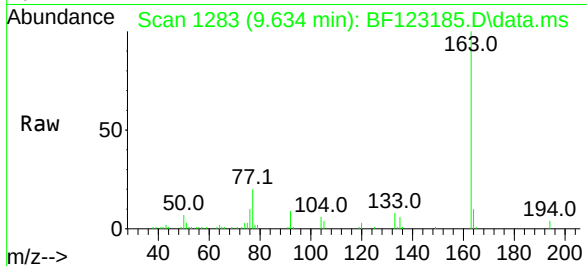




#50
Dimethylphthalate
Concen: 2.73 ng
RT: 9.634 min Scan# 1283
Delta R.T. -0.018 min
Lab File: BF123185.D
Acq: 11 Feb 2021 14:54

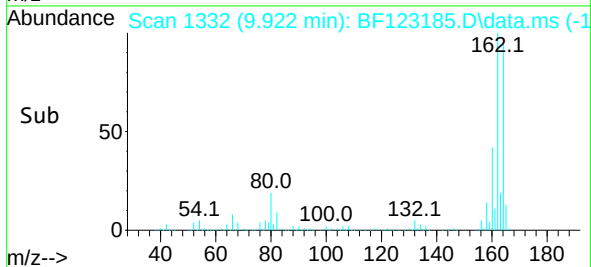
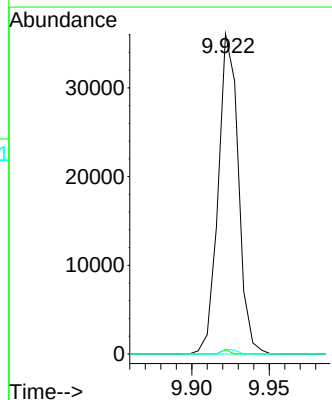
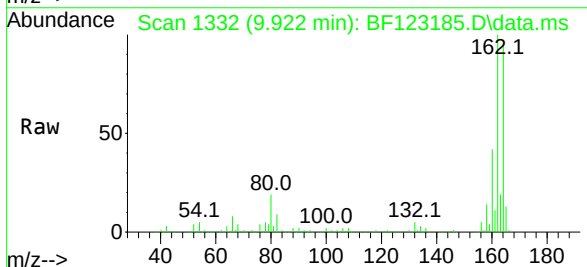
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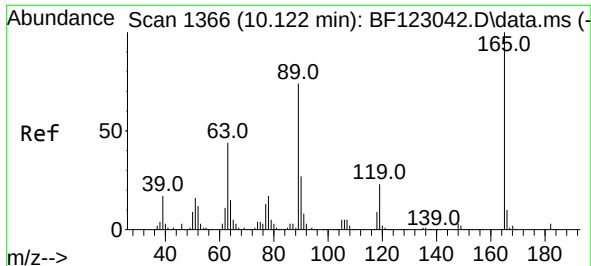
Tgt Ion:163 Resp: 53869
Ion Ratio Lower Upper
163 100
194 3.8 3.4 5.0
164 10.1 8.1 12.1



#51
2,6-Dinitrotoluene
Concen: 7.76 ng
RT: 9.922 min Scan# 1332
Delta R.T. 0.212 min
Lab File: BF123185.D
Acq: 11 Feb 2021 14:54

Tgt Ion:165 Resp: 32599
Ion Ratio Lower Upper
165 100
63 1.3 36.6 55.0#
89 1.5 39.4 59.0#

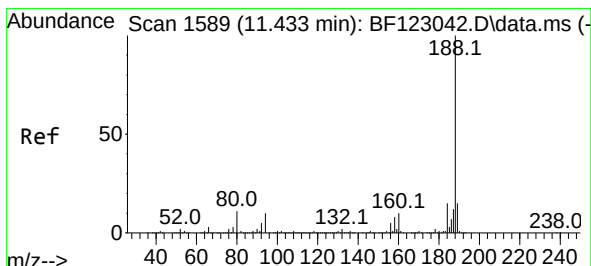
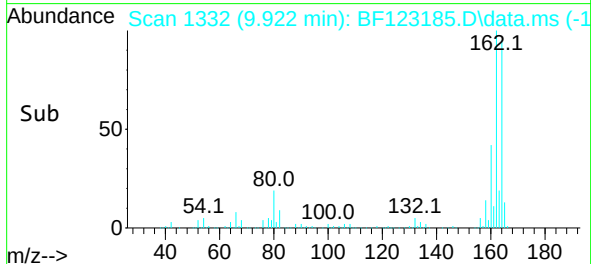
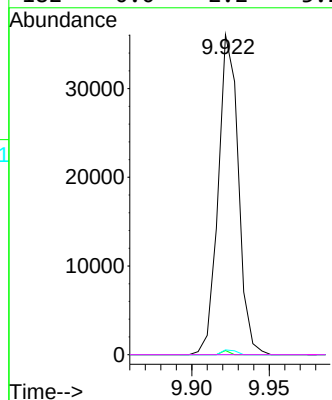
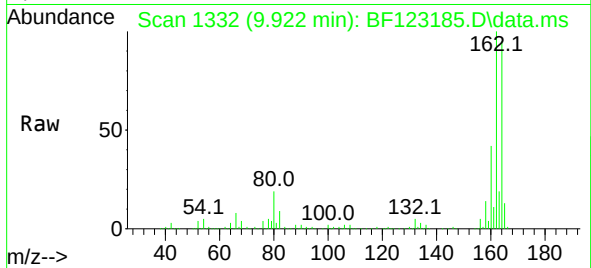




#57
2,4-Dinitrotoluene
Concen: 5.96 ng
RT: 9.922 min Scan# 1332
Delta R.T. -0.194 min
Lab File: BF123185.D
Acq: 11 Feb 2021 14:54

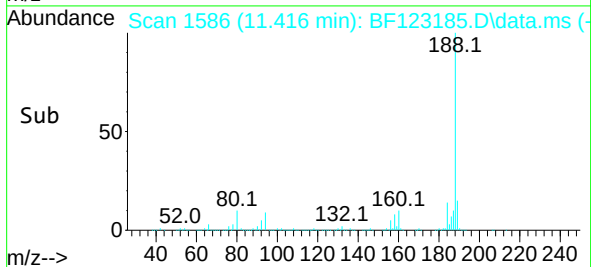
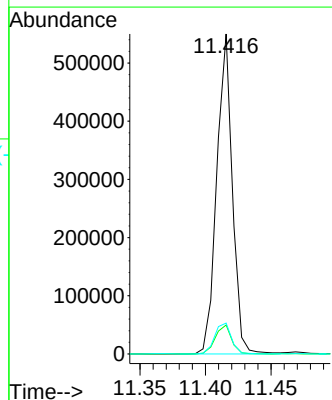
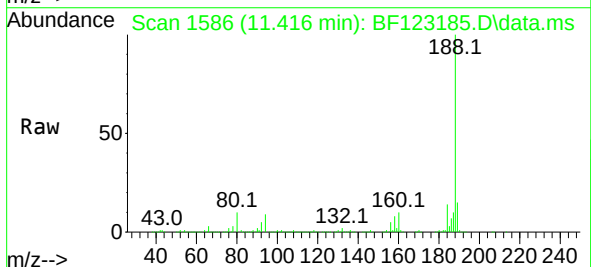
Instrument :
BNA_F
ClientSampleId :
OUTSIDE-SLAB

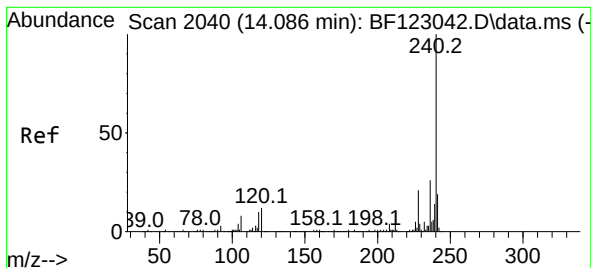
Tgt Ion:165	Resp:	32599
Ion Ratio	Lower	Upper
165	100	
63	1.3	34.3 51.5#
89	1.5	55.2 82.8#
182	0.0	2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.416 min Scan# 1586
Delta R.T. -0.000 min
Lab File: BF123185.D
Acq: 11 Feb 2021 14:54

Tgt Ion:188	Resp:	455054
Ion Ratio	Lower	Upper
188	100	
94	9.1	7.4 11.2
80	9.7	8.2 12.4

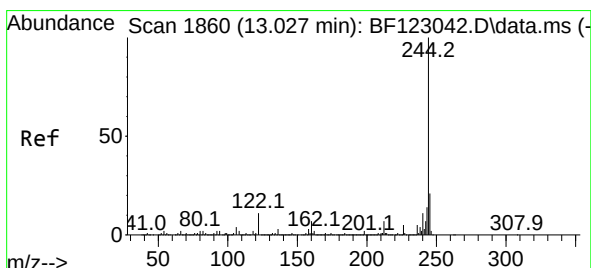
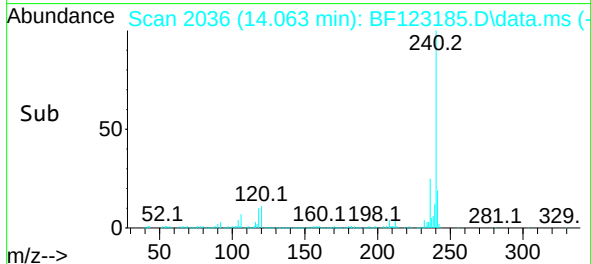
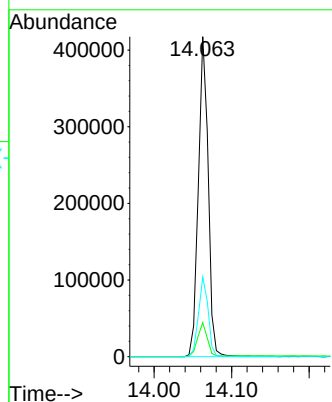
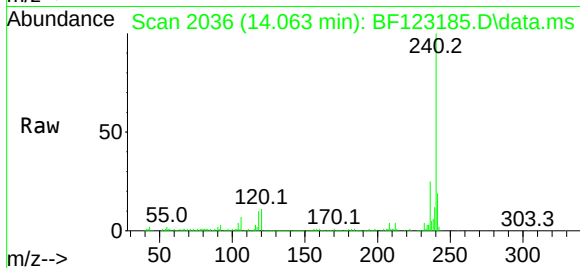




#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.063 min Scan# 2036
Delta R.T. -0.012 min
Lab File: BF123185.D
Acq: 11 Feb 2021 14:54

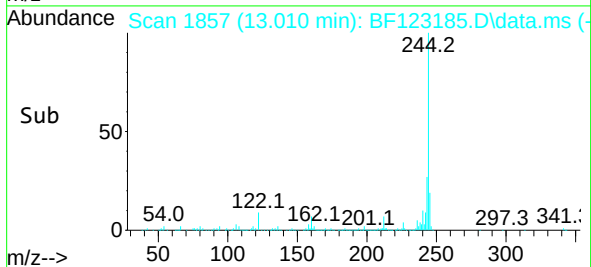
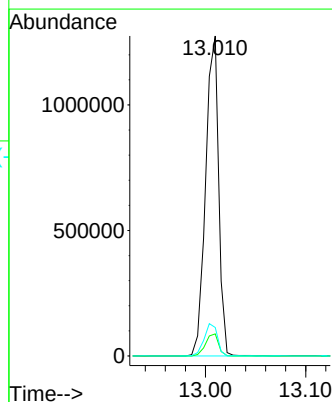
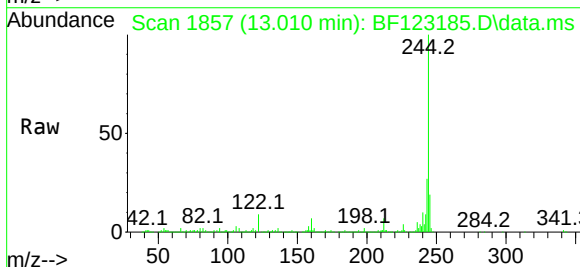
Instrument :
BNA_F
ClientSampleId :
OUTSIDE-SLAB

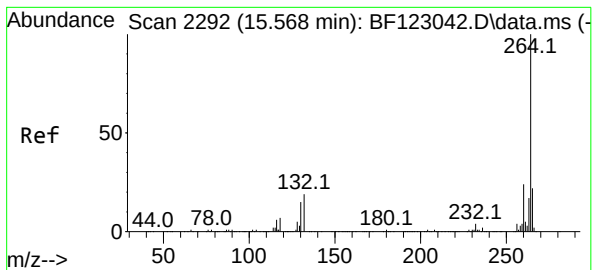
Tgt Ion:240 Resp: 368412
Ion Ratio Lower Upper
240 100
120 10.7 8.6 12.8
236 24.9 20.3 30.5



#79
Terphenyl-d14
Concen: 61.46 ng
RT: 13.010 min Scan# 1857
Delta R.T. 0.000 min
Lab File: BF123185.D
Acq: 11 Feb 2021 14:54

Tgt Ion:244 Resp: 1152466
Ion Ratio Lower Upper
244 100
212 6.9 5.7 8.5
122 8.9 8.3 12.5





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.545 min Scan# 2288
 Delta R.T. -0.006 min
 Lab File: BF123185.D
 Acq: 11 Feb 2021 14:54

Instrument :
 BNA_F
 ClientSampleId :
 OUTSIDE-SLAB

Tgt Ion:264 Resp: 351841
 Ion Ratio Lower Upper
 264 100
 260 22.4 18.6 28.0
 265 20.8 17.0 25.6

