

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061021\
 Data File : BF124234.D
 Acq On : 10 Jun 2021 15:35
 Operator : JU/CG
 Sample : M2657-04
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HT-SLAB

Quant Time: Jun 10 15:56:37 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 10 01:53:56 2021
 Response via : Initial Calibration

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

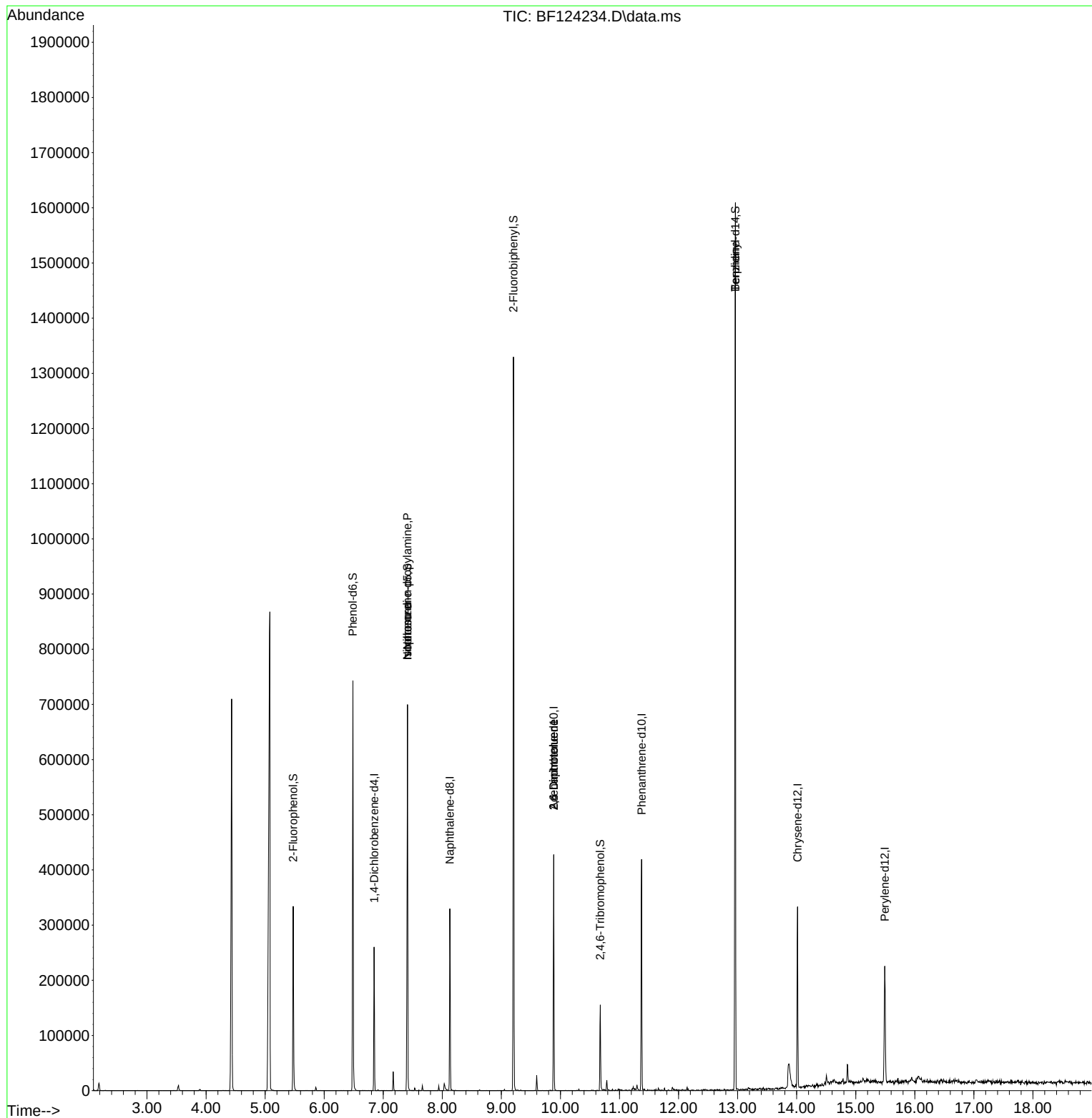
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	30116	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	121419	20.000	ng	# 0.00
39) Acenaphthene-d10	9.886	164	75336	20.000	ng	# 0.00
64) Phenanthrene-d10	11.374	188	141281	20.000	ng	# 0.00
76) Chrysene-d12	14.015	240	102876	20.000	ng	0.00
86) Perylene-d12	15.492	264	87187	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	70276	35.127	ng	0.00
7) Phenol-d6	6.487	99	187463	69.711	ng	-0.01
23) Nitrobenzene-d5	7.410	82	193222	63.116	ng	0.00
42) 2,4,6-Tribromophenol	10.675	330	16122	15.105	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	372837	62.276	ng	0.00
79) Terphenyl-d14	12.963	244	500192	66.754	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.410	70	27647	14.564	ng	# 65
25) Isophorone	7.410	82	193221	35.025	ng	# 69
51) 2,6-Dinitrotoluene	9.886	165	9676	6.771	ng	# 10
57) 2,4-Dinitrotoluene	9.886	165	9676	5.134	ng	# 15
77) Benzidine	12.963	184	8986	7.491	ng	98

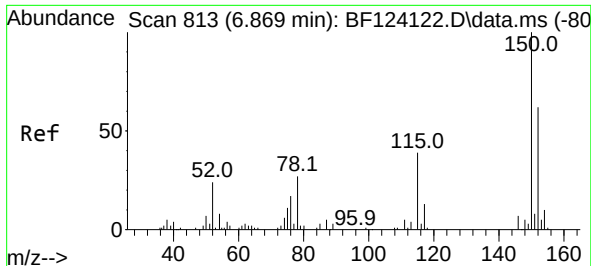
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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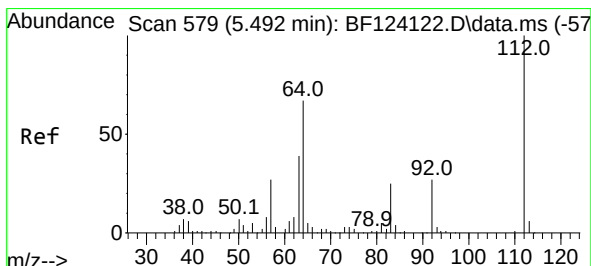
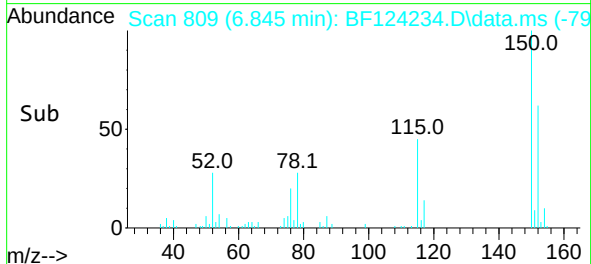
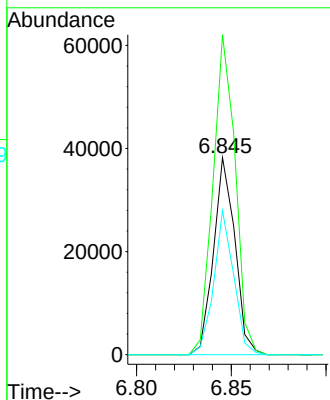
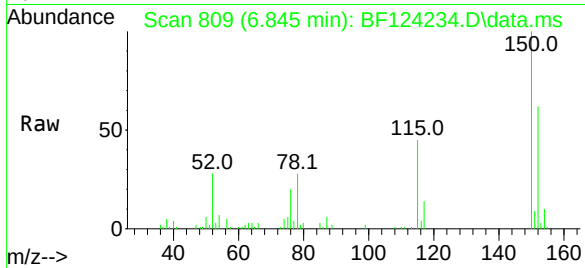




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.845 min Scan# 809
Delta R.T. -0.006 min
Lab File: BF124234.D
Acq: 10 Jun 2021 15:35

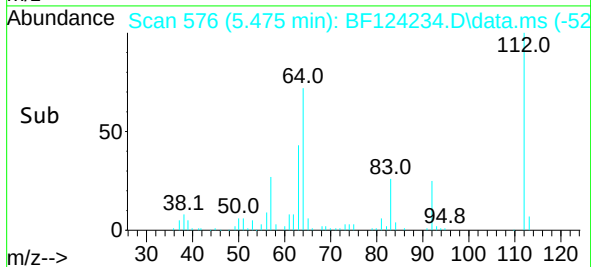
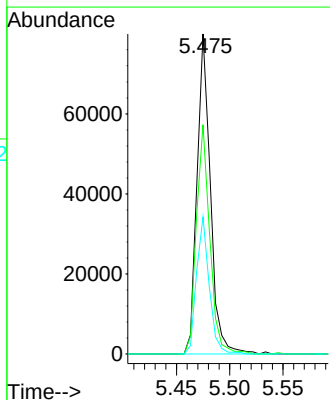
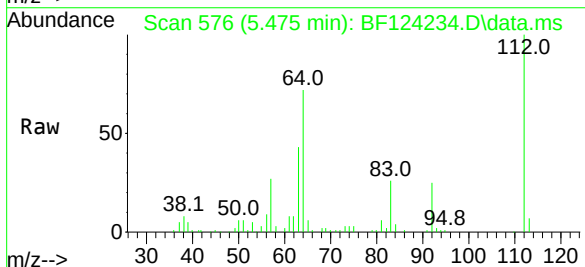
Instrument :
BNA_F
ClientSampleId :
HT-SLAB

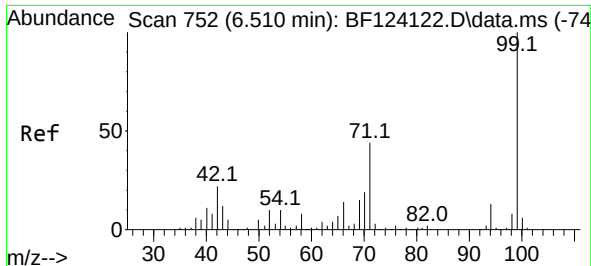
Tgt Ion:152 Resp: 30116
Ion Ratio Lower Upper
152 100
150 162.3 127.0 190.6
115 73.1 54.3 81.5



#5
2-Fluorophenol
Concen: 35.127 ng
RT: 5.475 min Scan# 576
Delta R.T. -0.006 min
Lab File: BF124234.D
Acq: 10 Jun 2021 15:35

Tgt Ion:112 Resp: 70276
Ion Ratio Lower Upper
112 100
64 71.7 61.4 92.0
63 42.9 33.0 49.4

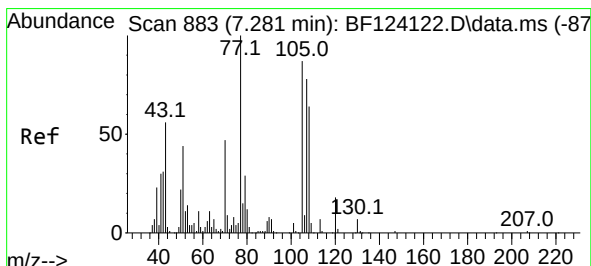
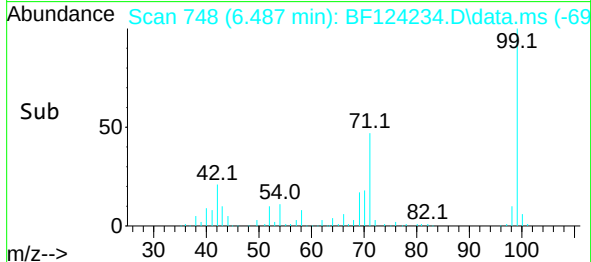
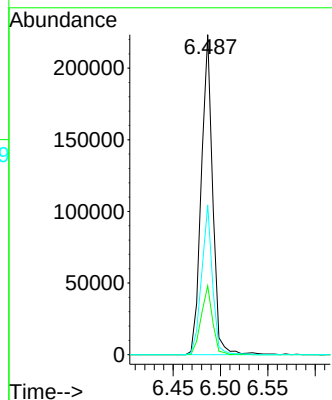
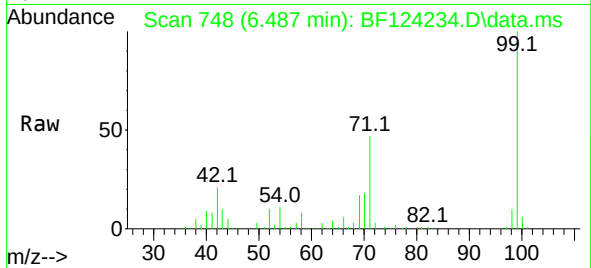




#7
Phenol-d6
Concen: 69.711 ng
RT: 6.487 min Scan# 748
Delta R.T. -0.012 min
Lab File: BF124234.D
Acq: 10 Jun 2021 15:35

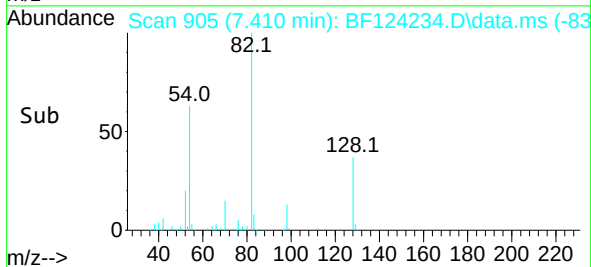
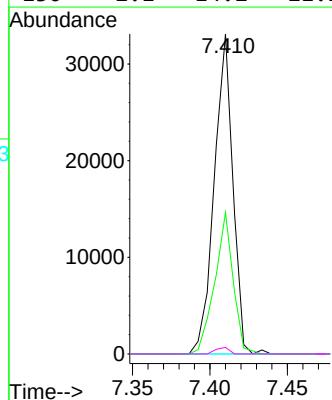
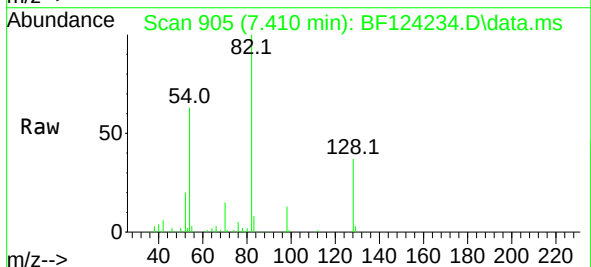
Instrument :
BNA_F
ClientSampleId :
HT-SLAB

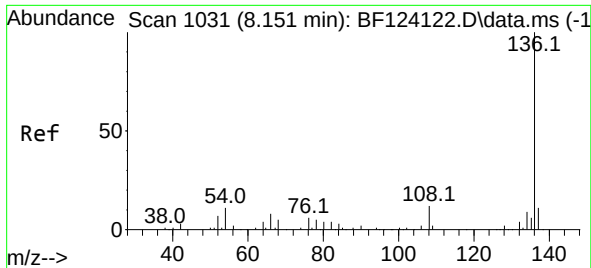
Tgt Ion: 99 Resp: 187463
Ion Ratio Lower Upper
99 100
42 21.5 19.8 29.8
71 46.8 31.1 46.7#



#19
n-Nitroso-di-n-propylamine
Concen: 14.564 ng
RT: 7.410 min Scan# 905
Delta R.T. 0.141 min
Lab File: BF124234.D
Acq: 10 Jun 2021 15:35

Tgt Ion: 70 Resp: 27647
Ion Ratio Lower Upper
70 100
42 44.2 60.1 90.1#
101 0.0 7.4 11.2#
130 2.1 14.2 21.2#

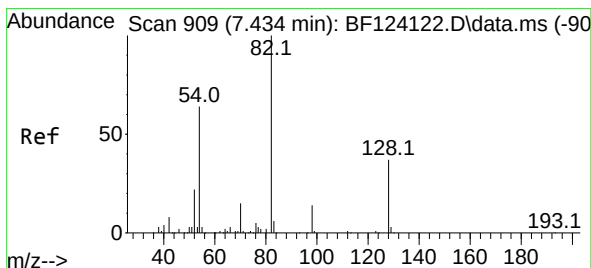
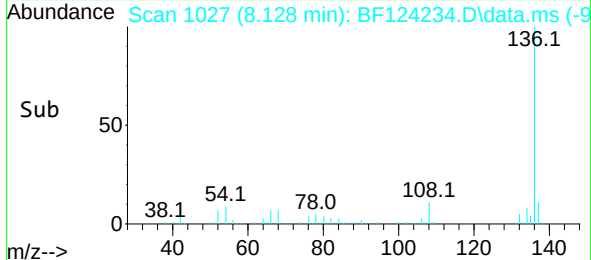
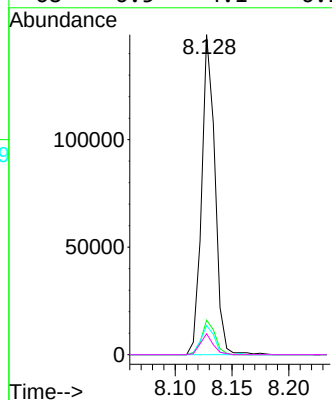
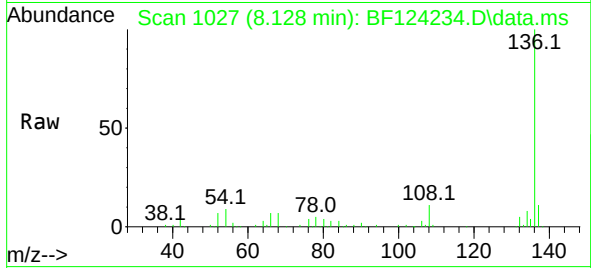




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.128 min Scan# 1027
Delta R.T. -0.006 min
Lab File: BF124234.D
Acq: 10 Jun 2021 15:35

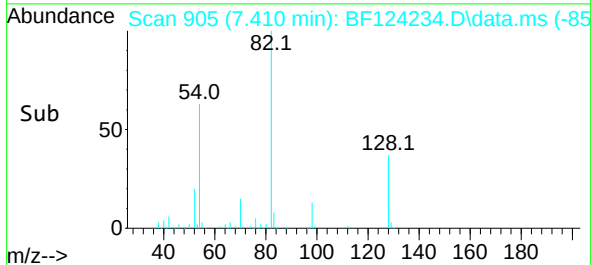
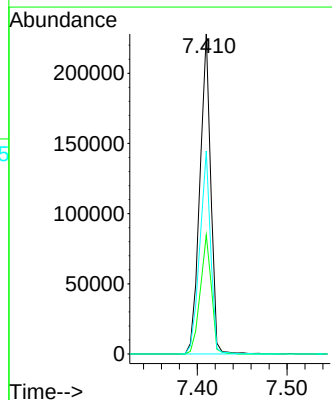
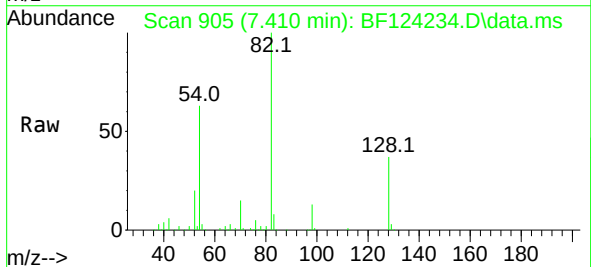
Instrument :
BNA_F
ClientSampleId :
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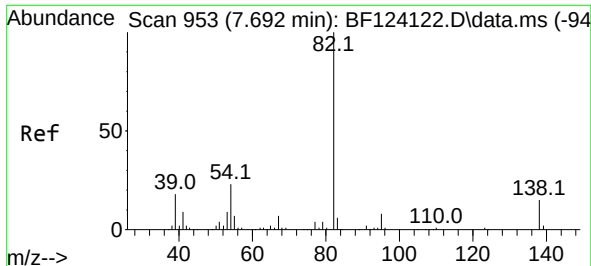
Tgt Ion:136	Resp:	121419
Ion Ratio	Lower	Upper
136	100	
137	10.8	8.7 13.1
54	9.1	9.8 14.6#
68	6.5	4.1 6.1#



#23
Nitrobenzene-d5
Concen: 63.116 ng
RT: 7.410 min Scan# 905
Delta R.T. -0.006 min
Lab File: BF124234.D
Acq: 10 Jun 2021 15:35

Tgt Ion: 82	Resp:	193222
Ion Ratio	Lower	Upper
82	100	
128	37.2	29.4 44.2
54	63.4	54.1 81.1

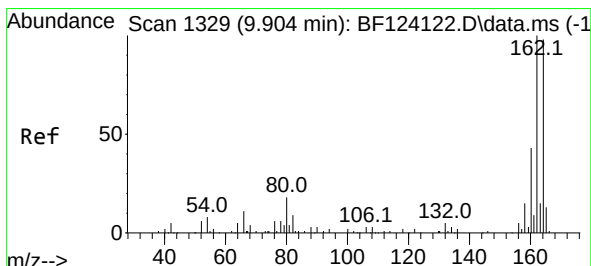
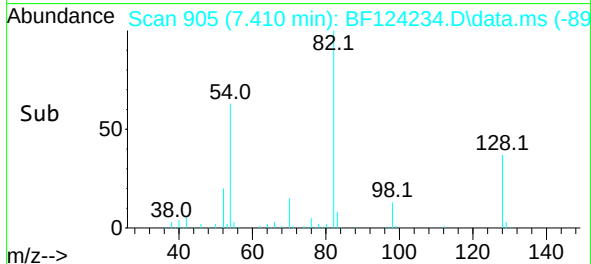
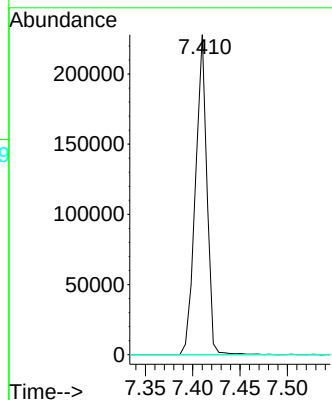
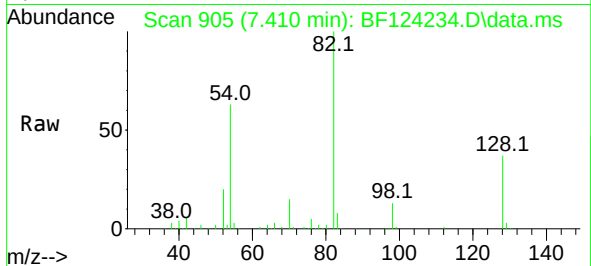




#25
Isophorone
Concen: 35.025 ng
RT: 7.410 min Scan# 905
Delta R.T. -0.265 min
Lab File: BF124234.D
Acq: 10 Jun 2021 15:35

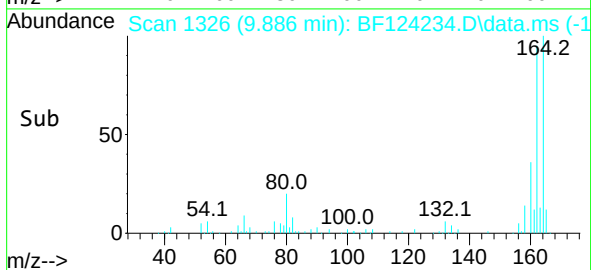
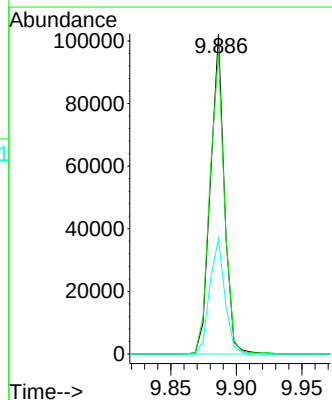
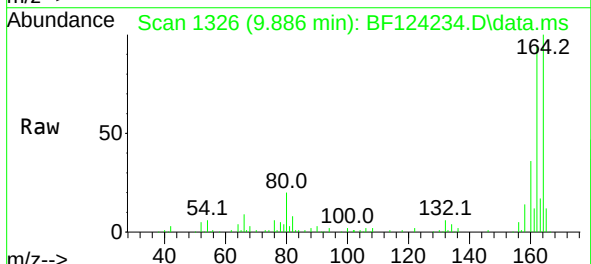
Instrument :
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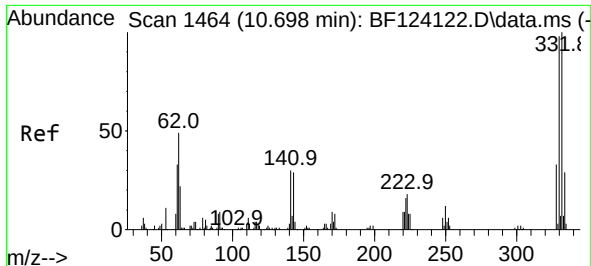
Tgt Ion: 82 Resp: 193221
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 11.8 17.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.886 min Scan# 1326
Delta R.T. -0.006 min
Lab File: BF124234.D
Acq: 10 Jun 2021 15:35

Tgt Ion:164 Resp: 75336
Ion Ratio Lower Upper
164 100
162 94.1 80.7 121.1
160 36.1 37.3 55.9#

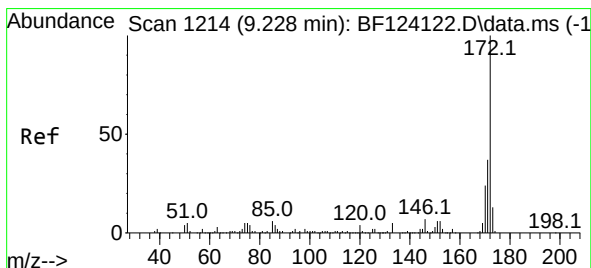
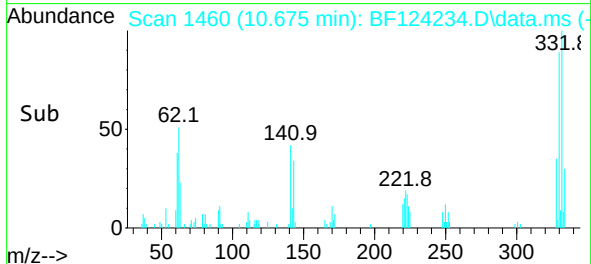
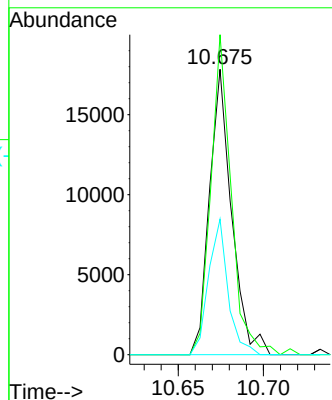
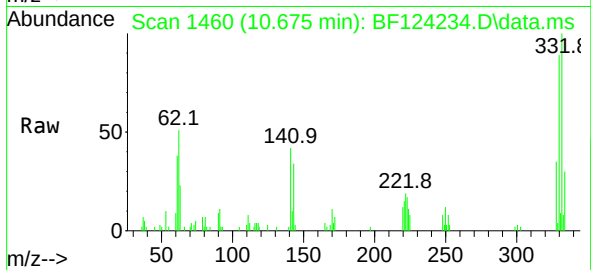




#42
2,4,6-Tribromophenol
Concen: 15.105 ng
RT: 10.675 min Scan# 1460
Delta R.T. -0.006 min
Lab File: BF124234.D
Acq: 10 Jun 2021 15:35

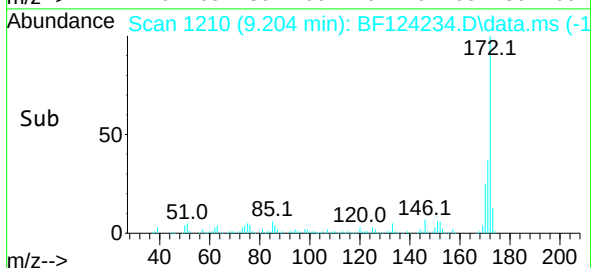
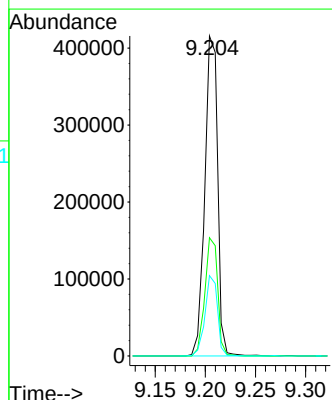
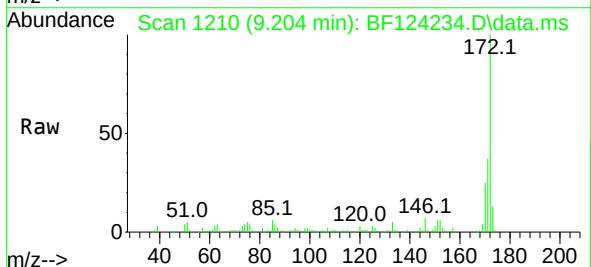
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BNA_F
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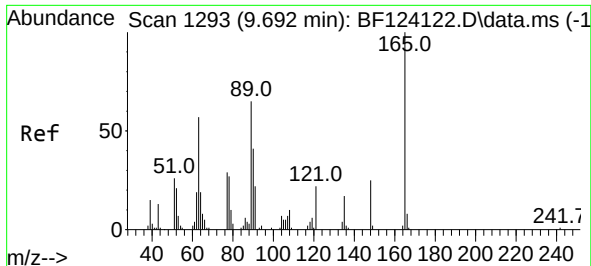
Tgt Ion: 330 Resp: 16122
Ion Ratio Lower Upper
330 100
332 103.9 77.1 115.7
141 41.8 27.9 41.9



#45
2-Fluorobiphenyl
Concen: 62.276 ng
RT: 9.204 min Scan# 1210
Delta R.T. -0.006 min
Lab File: BF124234.D
Acq: 10 Jun 2021 15:35

Tgt Ion: 172 Resp: 372837
Ion Ratio Lower Upper
172 100
171 36.9 28.1 42.1
170 25.1 19.2 28.8

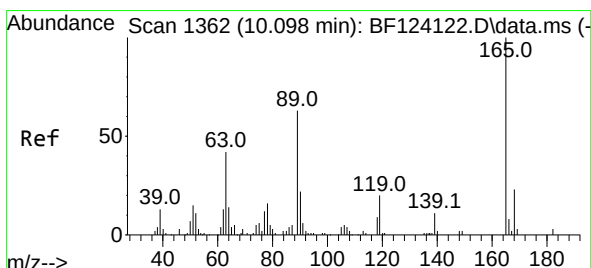
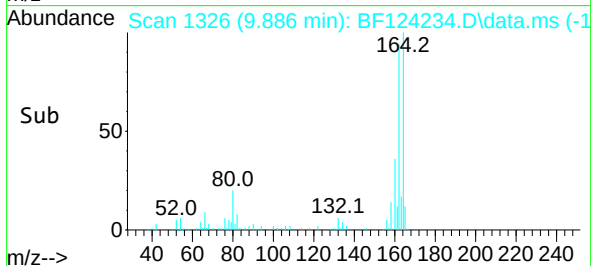
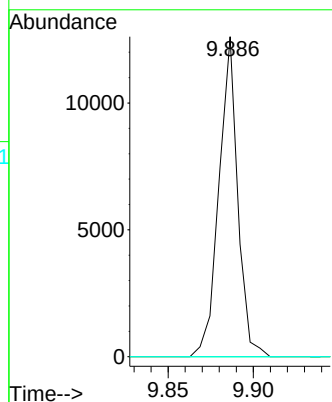
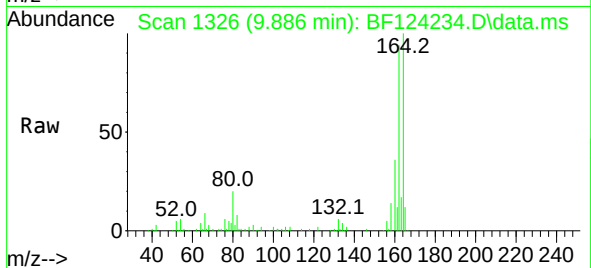




#51
2,6-Dinitrotoluene
Concen: 6.771 ng
RT: 9.886 min Scan# 1326
Delta R.T. 0.206 min
Lab File: BF124234.D
Acq: 10 Jun 2021 15:35

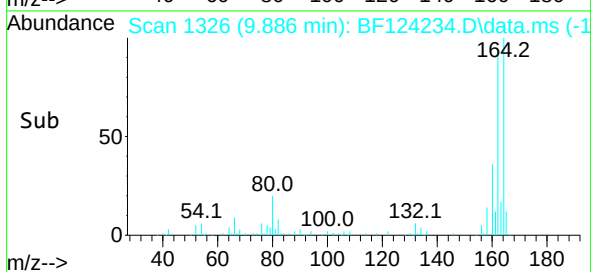
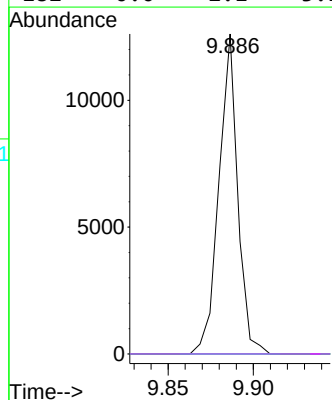
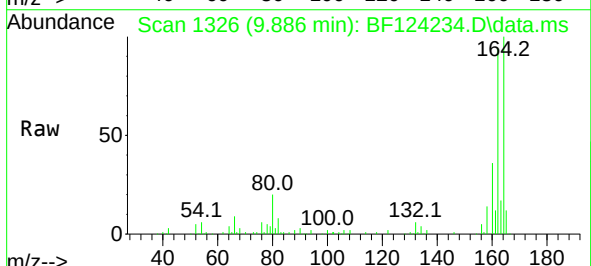
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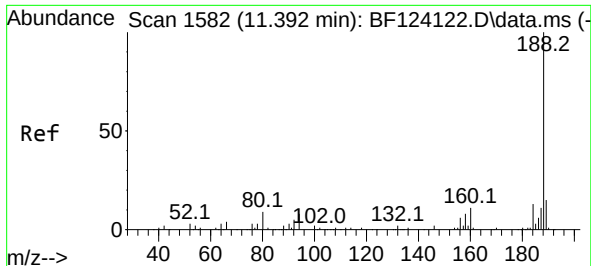
Tgt Ion:165 Resp: 9676
Ion Ratio Lower Upper
165 100
63 0.0 67.7 101.5#
89 0.0 58.8 88.2#



#57
2,4-Dinitrotoluene
Concen: 5.134 ng
RT: 9.886 min Scan# 1326
Delta R.T. -0.200 min
Lab File: BF124234.D
Acq: 10 Jun 2021 15:35

Tgt Ion:165 Resp: 9676
Ion Ratio Lower Upper
165 100
63 0.0 43.5 65.3#
89 0.0 67.7 101.5#
182 0.0 2.1 3.1#

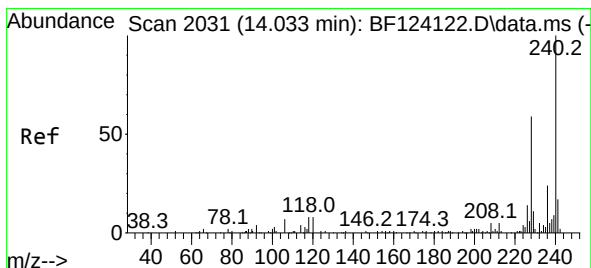
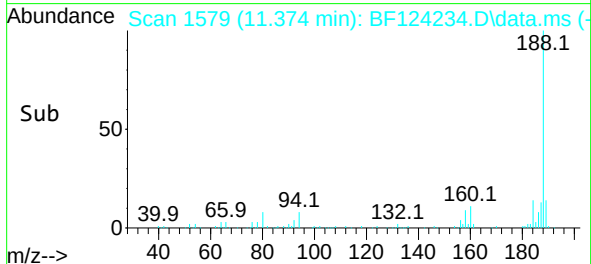
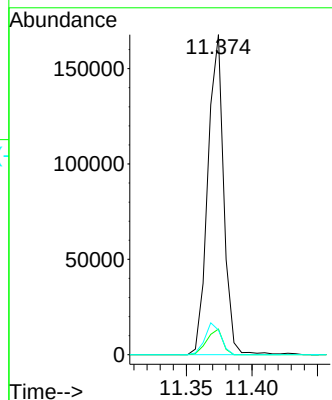
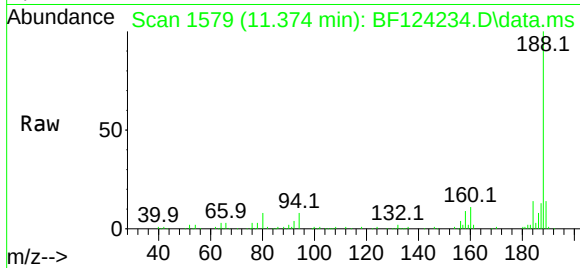




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.374 min Scan# 1579
Delta R.T. 0.000 min
Lab File: BF124234.D
Acq: 10 Jun 2021 15:35

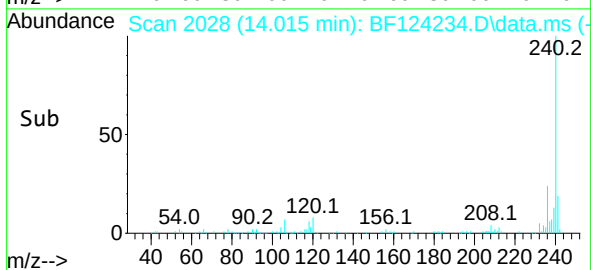
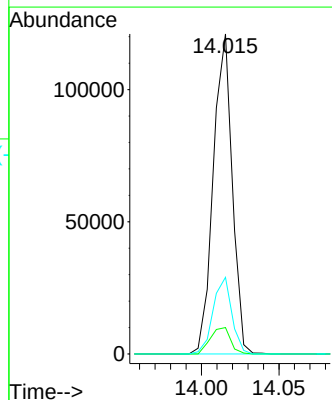
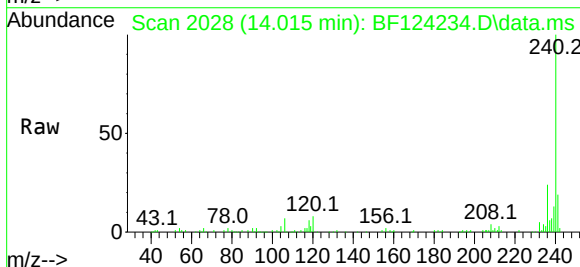
Instrument :
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ClientSampleId :
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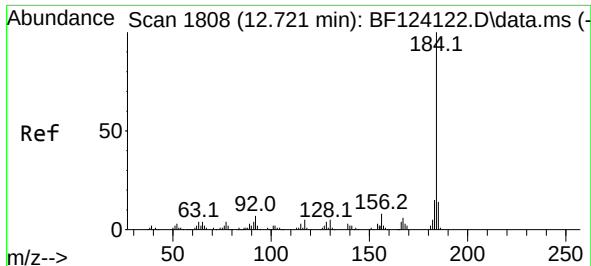
Tgt Ion:188 Resp: 141281
Ion Ratio Lower Upper
188 100
94 8.0 6.9 10.3
80 7.7 8.2 12.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.015 min Scan# 2028
Delta R.T. -0.006 min
Lab File: BF124234.D
Acq: 10 Jun 2021 15:35

Tgt Ion:240 Resp: 102876
Ion Ratio Lower Upper
240 100
120 8.3 7.2 10.8
236 23.9 19.0 28.4

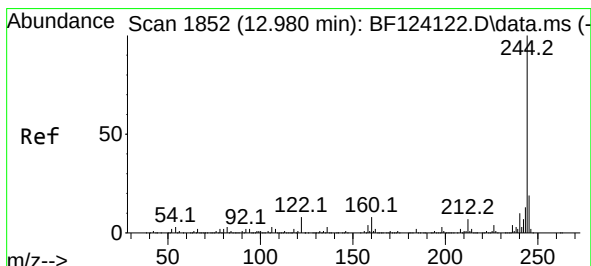
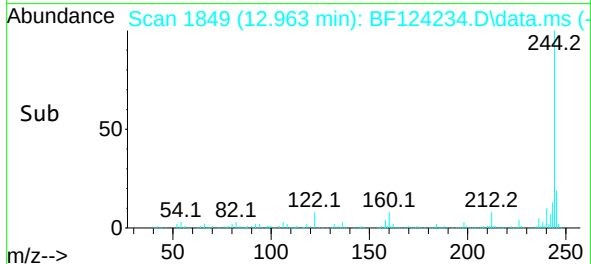
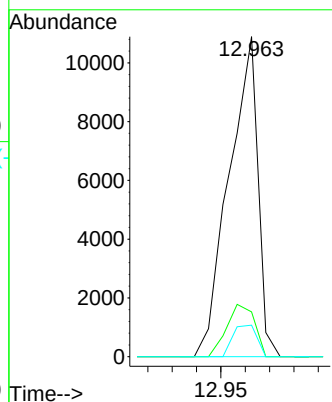
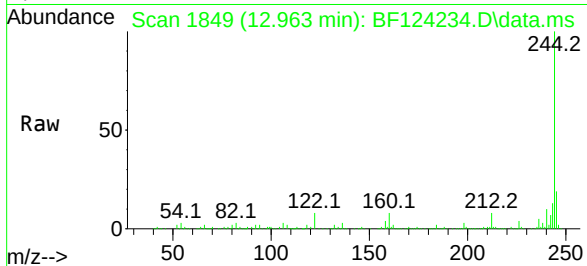




#77
Benzidine
Concen: 7.491 ng
RT: 12.963 min Scan# 1849
Delta R.T. 0.253 min
Lab File: BF124234.D
Acq: 10 Jun 2021 15:35

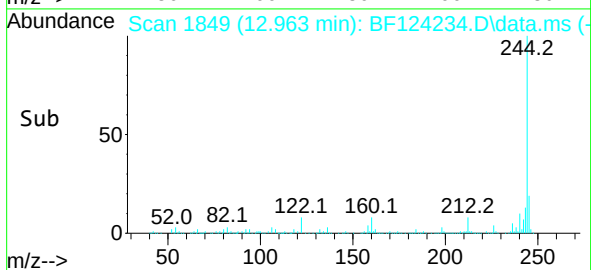
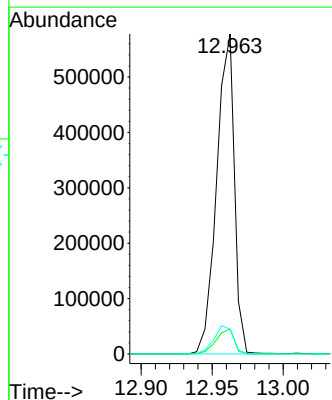
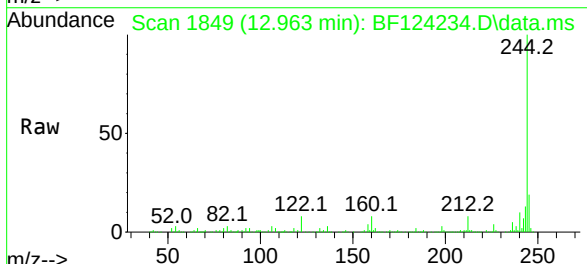
Instrument :
BNA_F
ClientSampled :
HT-SLAB

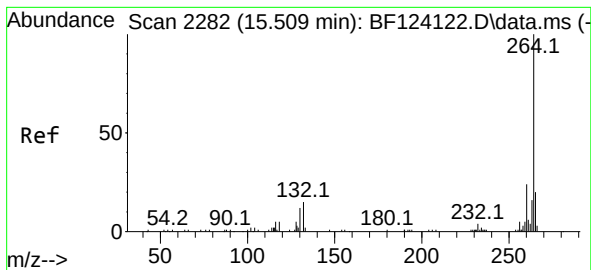
Tgt Ion:184 Resp: 8986
Ion Ratio Lower Upper
184 100
185 14.0 12.1 18.1
183 9.8 7.8 11.8



#79
Terphenyl-d14
Concen: 66.754 ng
RT: 12.963 min Scan# 1849
Delta R.T. 0.000 min
Lab File: BF124234.D
Acq: 10 Jun 2021 15:35

Tgt Ion:244 Resp: 500192
Ion Ratio Lower Upper
244 100
212 7.8 5.7 8.5
122 7.7 9.7 14.5#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.492 min Scan# 2279
 Delta R.T. 0.000 min
 Lab File: BF124234.D
 Acq: 10 Jun 2021 15:35

Instrument :
 BNA_F
 ClientSampleId :
 HT-SLAB

Tgt Ion:264 Resp: 87187
 Ion Ratio Lower Upper
 264 100
 260 23.1 18.7 28.1
 265 22.5 17.8 26.8

