

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112624\
 Data File : BF140632.D
 Acq On : 26 Nov 2024 10:53
 Operator : RC/JU
 Sample : PB165185BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB165185BL

Quant Time: Nov 26 12:02:51 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 21 15:23:48 2024
 Response via : Initial Calibration

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

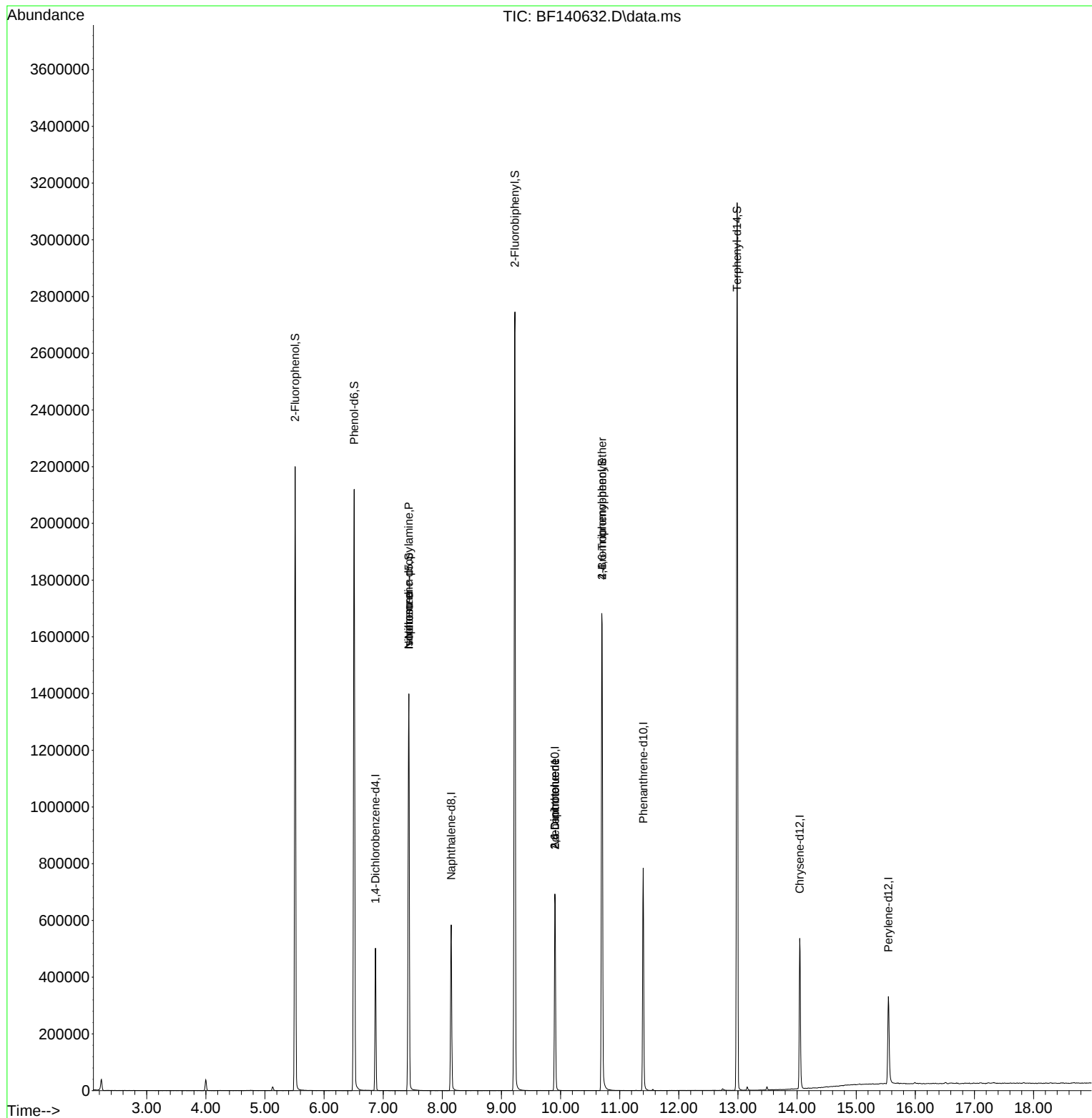
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	105126	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	399880	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	228462	20.000	ng	-0.01
64) Phenanthrene-d10	11.398	188	446549	20.000	ng	0.00
76) Chrysene-d12	14.045	240	276414	20.000	ng	0.00
86) Perylene-d12	15.545	264	209172	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	839164	136.197	ng	0.01
7) Phenol-d6	6.510	99	1078340	132.385	ng	0.00
23) Nitrobenzene-d5	7.434	82	702944	89.916	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	320559	131.193	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	1348352	87.934	ng	0.00
79) Terphenyl-d14	12.986	244	1600842	90.181	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.434	70	95512	19.841	ng	Qvalue # 75
25) Isophorone	7.434	82	691303	53.017	ng	# 66
51) 2,6-Dinitrotoluene	9.904	165	29141	8.540	ng	# 20
57) 2,4-Dinitrotoluene	9.904	165	29137	6.425	ng	# 18
67) 4-Bromophenyl-phenylether	10.704	248	20649	4.490	ng	# 1

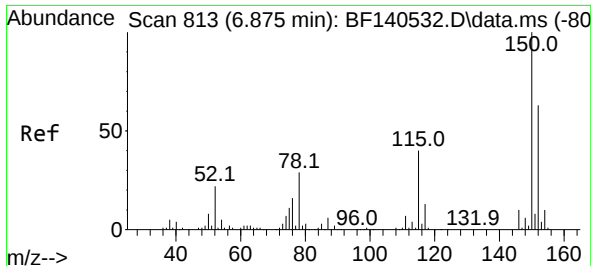
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Nov 26 12:02:51 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 21 15:23:48 2024
Response via : Initial Calibration

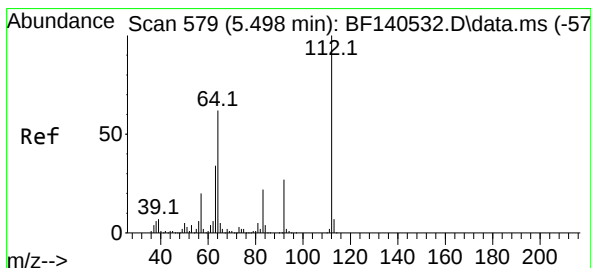
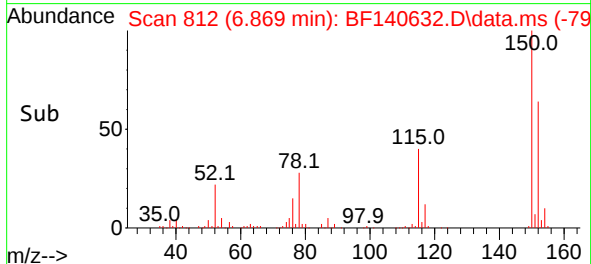
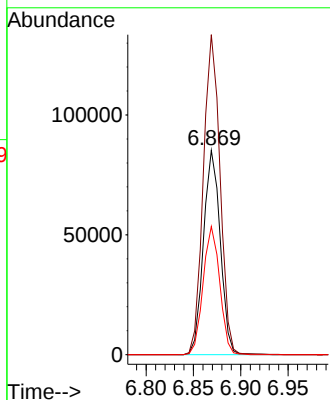
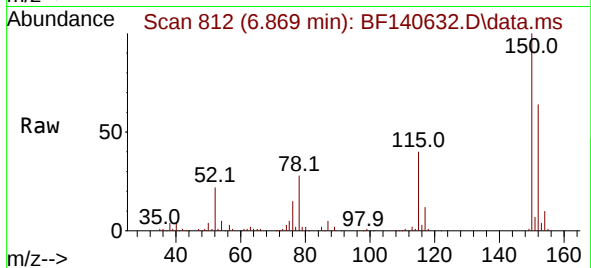




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 813
Delta R.T. -0.006 min
Lab File: BF140632.D
Acq: 26 Nov 2024 10:53

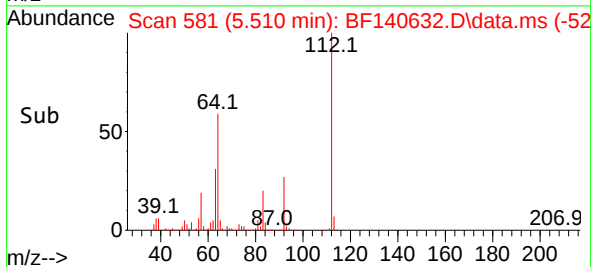
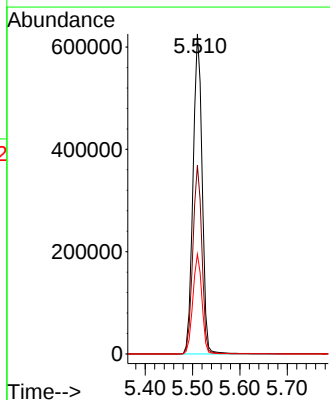
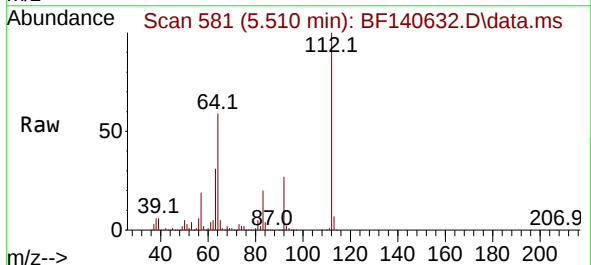
Instrument :
BNA_F
ClientSampleId :
PB165185BL

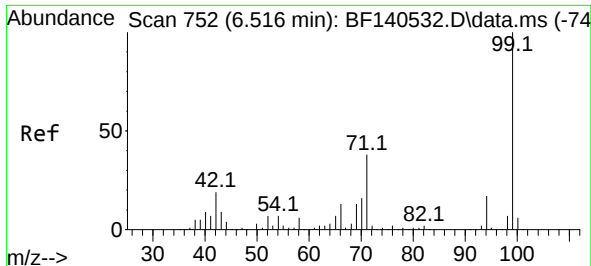
Tgt Ion:152 Resp: 105126
Ion Ratio Lower Upper
152 100
150 156.6 128.5 192.7
115 62.7 50.2 75.4



#5
2-Fluorophenol
Concen: 136.197 ng
RT: 5.510 min Scan# 581
Delta R.T. 0.012 min
Lab File: BF140632.D
Acq: 26 Nov 2024 10:53

Tgt Ion:112 Resp: 839164
Ion Ratio Lower Upper
112 100
64 59.0 49.2 73.8
63 31.1 27.0 40.4

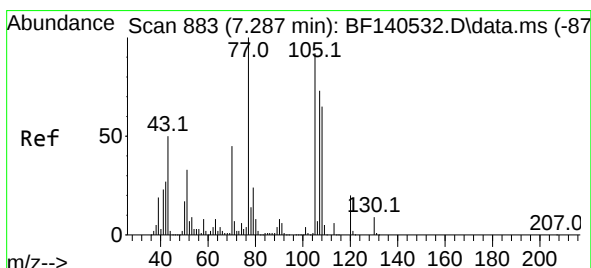
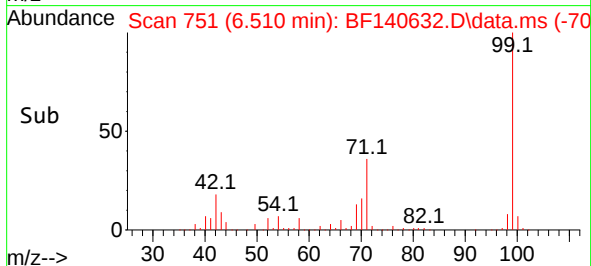
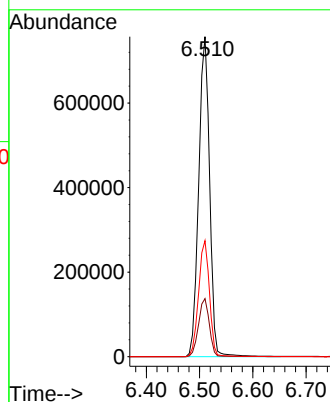
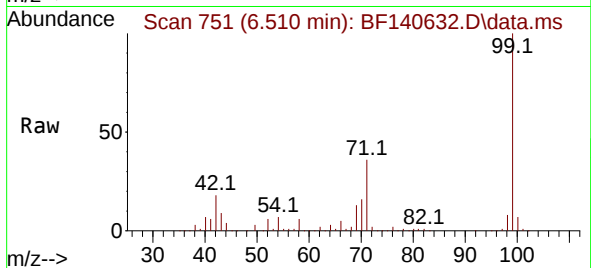




#7
Phenol-d6
Concen: 132.385 ng
RT: 6.510 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF140632.D
Acq: 26 Nov 2024 10:53

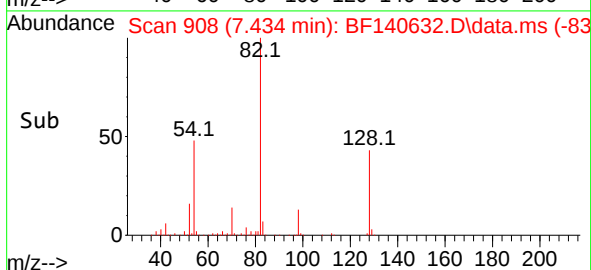
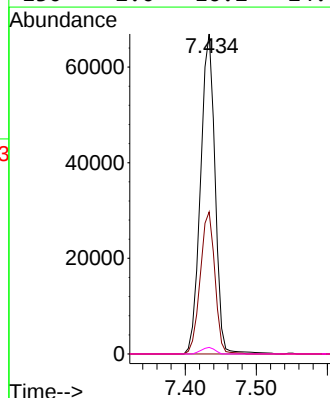
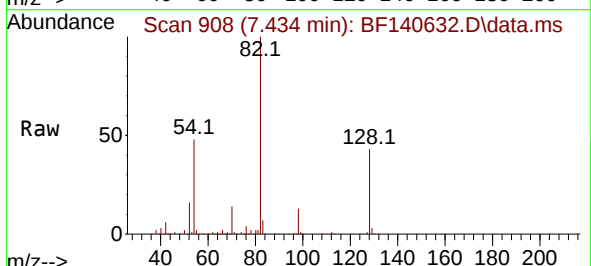
Instrument :
BNA_F
ClientSampleId :
PB165185BL

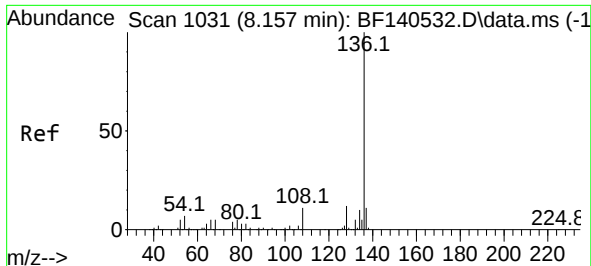
Tgt Ion: 99 Resp: 1078340
Ion Ratio Lower Upper
99 100
42 18.1 15.4 23.0
71 36.3 30.6 46.0



#19
n-Nitroso-di-n-propylamine
Concen: 19.841 ng
RT: 7.434 min Scan# 908
Delta R.T. 0.147 min
Lab File: BF140632.D
Acq: 26 Nov 2024 10:53

Tgt Ion: 70 Resp: 95512
Ion Ratio Lower Upper
70 100
42 44.4 47.6 71.4#
101 0.0 7.6 11.4#
130 2.0 16.2 24.4#

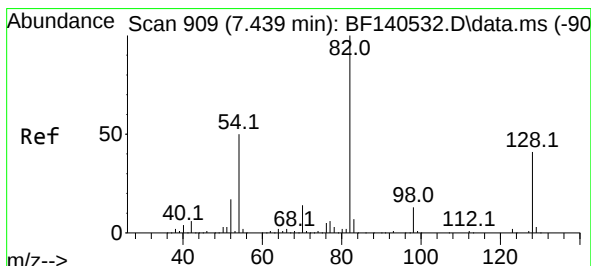
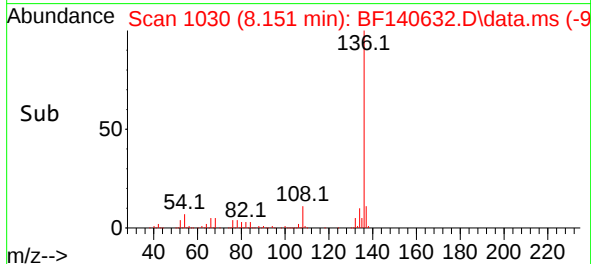
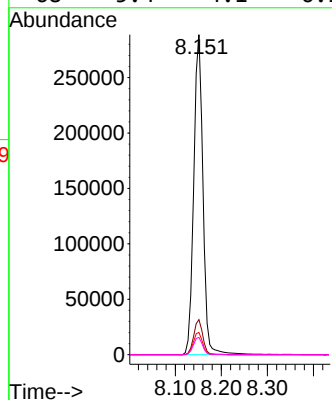
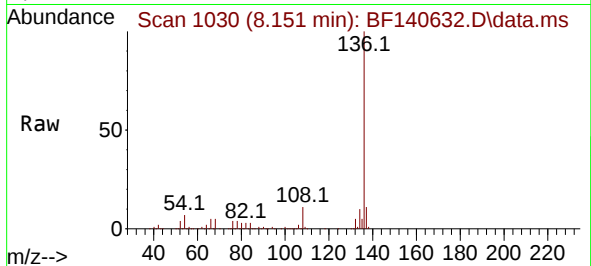




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF140632.D
Acq: 26 Nov 2024 10:53

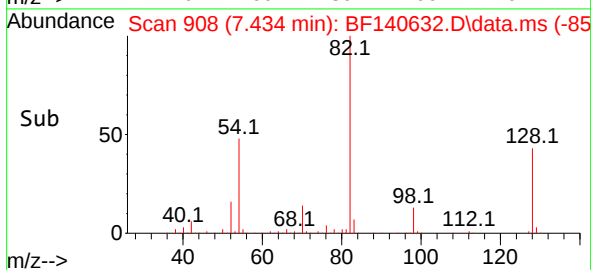
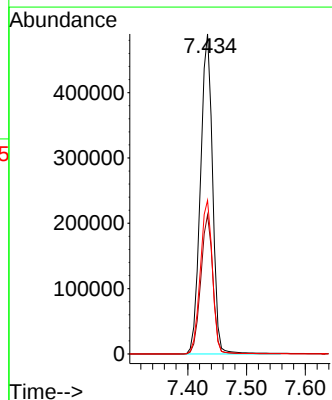
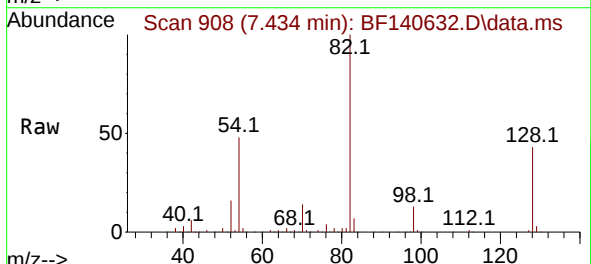
Instrument :
BNA_F
ClientSampleId :
PB165185BL

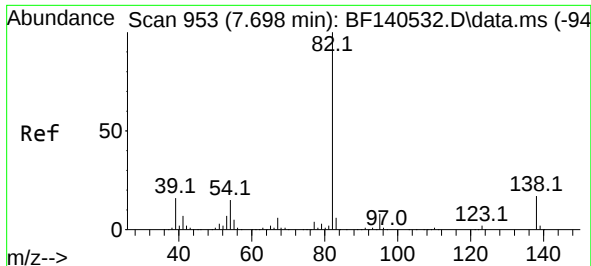
Tgt	Ion:136	Resp:	399880
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.6	13.0
54	7.0	5.8	8.8
68	5.4	4.1	6.1



#23
Nitrobenzene-d5
Concen: 89.916 ng
RT: 7.434 min Scan# 908
Delta R.T. -0.006 min
Lab File: BF140632.D
Acq: 26 Nov 2024 10:53

Tgt Ion: 82	Resp: 702944
Ion Ratio	Lower Upper
82 100	
128 43.4	33.0 49.4
54 48.0	39.5 59.3

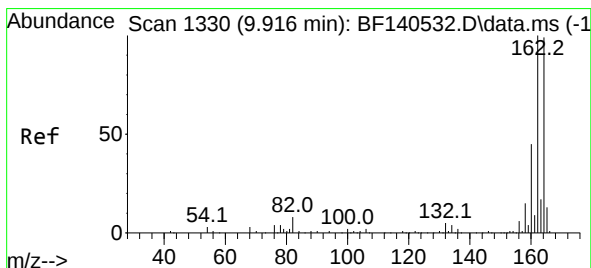
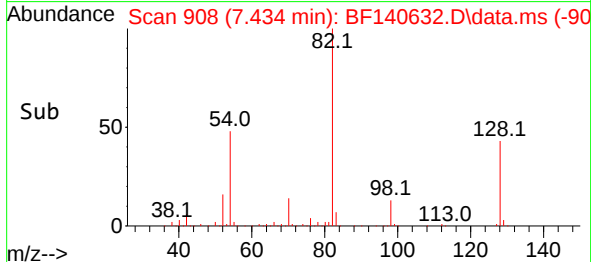
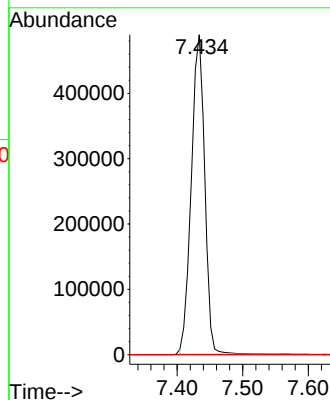
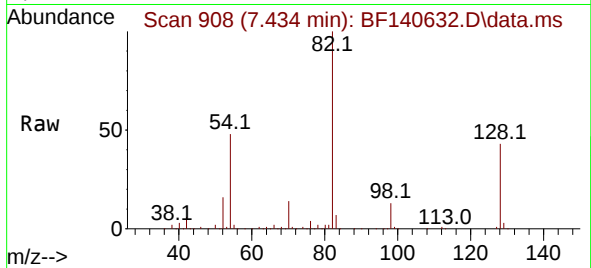




#25
Isophorone
Concen: 53.017 ng
RT: 7.434 min Scan# 90
Delta R.T. -0.265 min
Lab File: BF140632.D
Acq: 26 Nov 2024 10:53

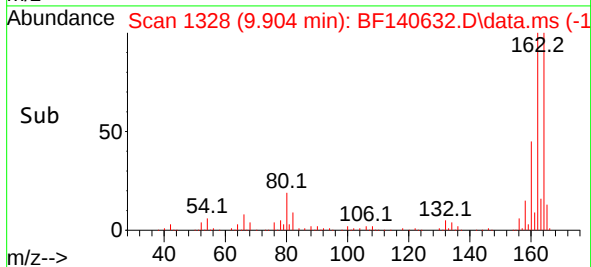
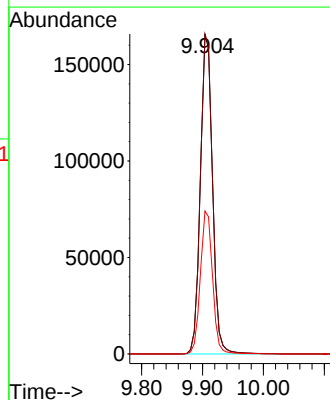
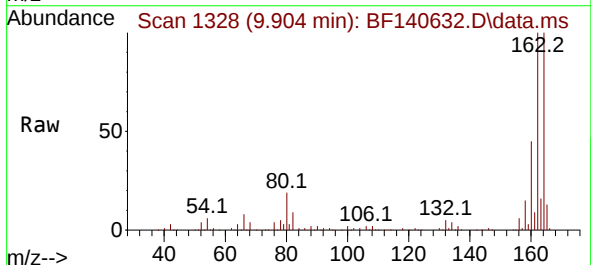
Instrument :
BNA_F
ClientSampleId :
PB165185BL

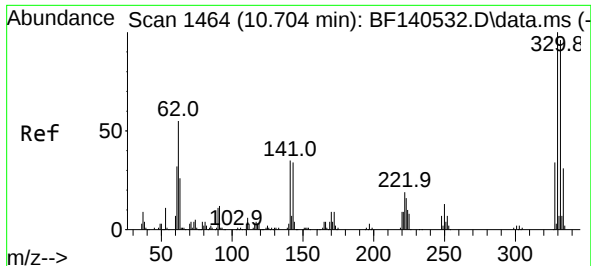
Tgt Ion: 82 Resp: 691303
Ion Ratio Lower Upper
82 100
95 0.0 6.4 9.6#
138 0.0 13.8 20.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 1328
Delta R.T. -0.012 min
Lab File: BF140632.D
Acq: 26 Nov 2024 10:53

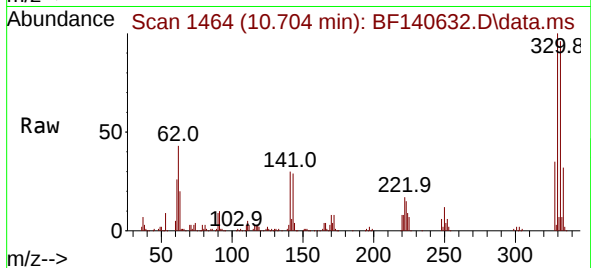
Tgt Ion: 164 Resp: 228462
Ion Ratio Lower Upper
164 100
162 100.5 80.6 120.8
160 44.9 36.2 54.4



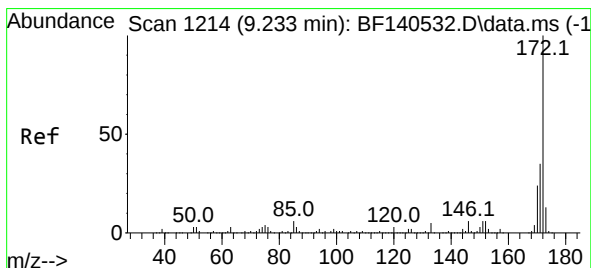
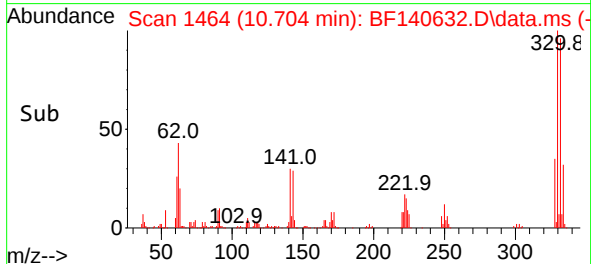
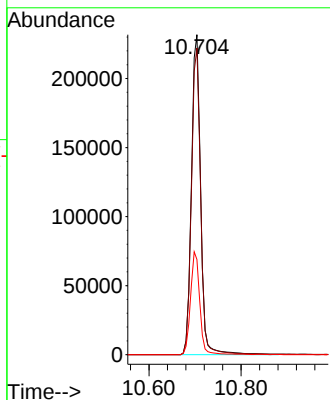


#42
2,4,6-Tribromophenol
Concen: 131.193 ng
RT: 10.704 min Scan# 1464
Delta R.T. -0.000 min
Lab File: BF140632.D
Acq: 26 Nov 2024 10:53

Instrument :
BNA_F
ClientSampleId :
PB165185BL

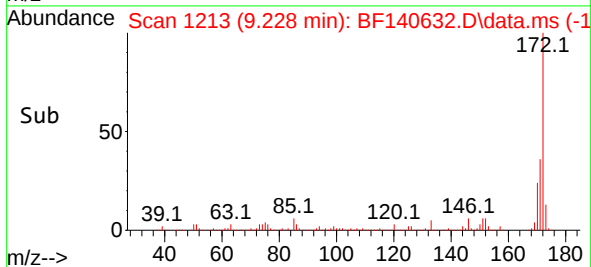
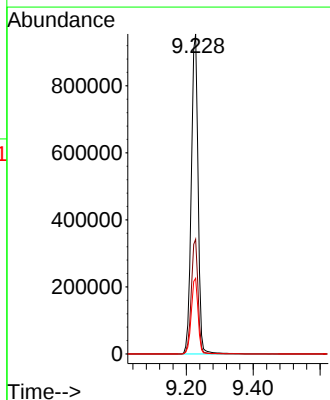
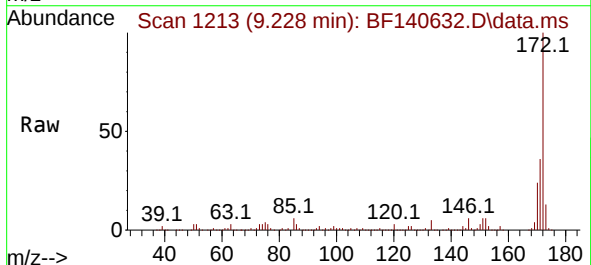


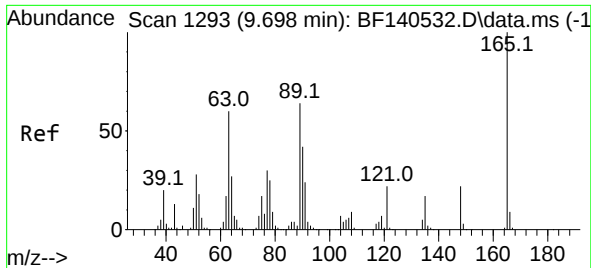
Tgt Ion:330 Resp: 320559
Ion Ratio Lower Upper
330 100
332 95.9 76.9 115.3
141 32.3 26.7 40.1



#45
2-Fluorobiphenyl
Concen: 87.934 ng
RT: 9.228 min Scan# 1213
Delta R.T. -0.006 min
Lab File: BF140632.D
Acq: 26 Nov 2024 10:53

Tgt Ion:172 Resp: 1348352
Ion Ratio Lower Upper
172 100
171 35.8 28.4 42.6
170 23.7 19.0 28.6

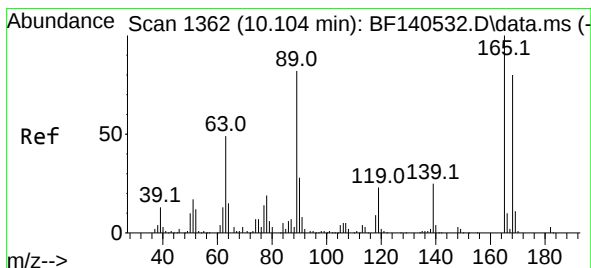
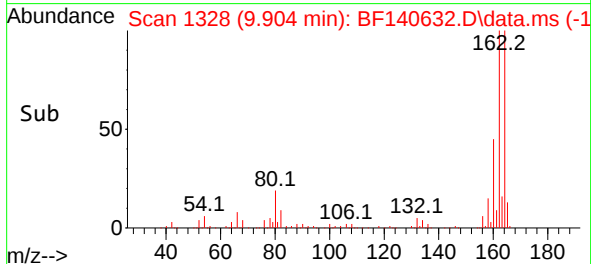
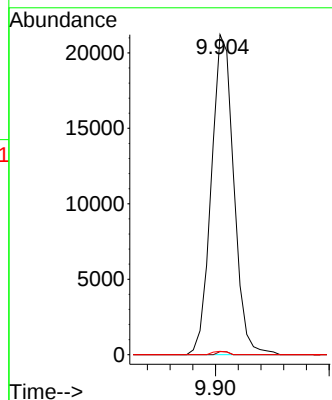
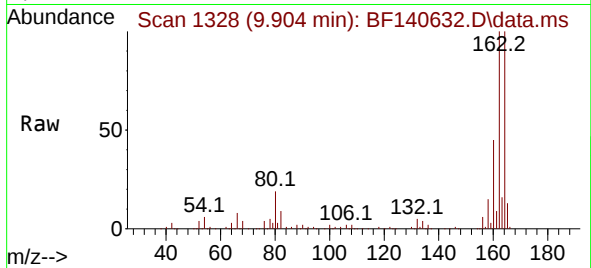




#51
2,6-Dinitrotoluene
Concen: 8.540 ng
RT: 9.904 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF140632.D
Acq: 26 Nov 2024 10:53

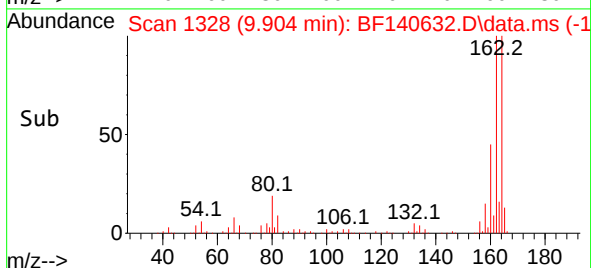
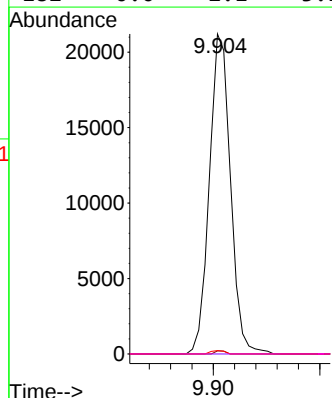
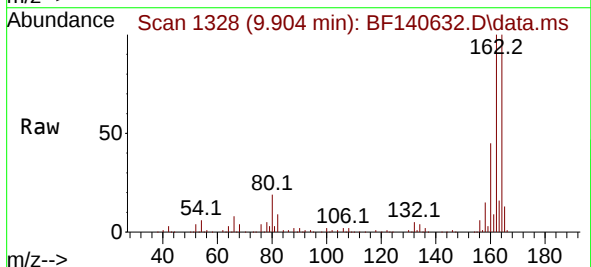
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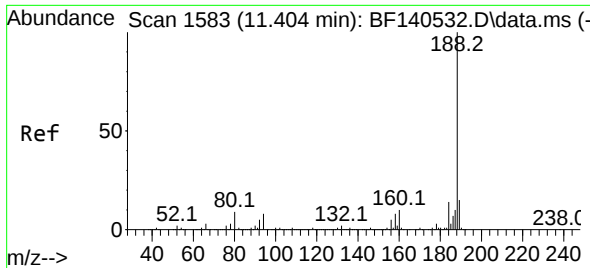
Tgt Ion:165 Resp: 29141
Ion Ratio Lower Upper
165 100
63 0.9 49.9 74.9#
89 1.0 50.9 76.3#



#57
2,4-Dinitrotoluene
Concen: 6.425 ng
RT: 9.904 min Scan# 1328
Delta R.T. -0.200 min
Lab File: BF140632.D
Acq: 26 Nov 2024 10:53

Tgt Ion:165 Resp: 29137
Ion Ratio Lower Upper
165 100
63 0.9 41.7 62.5#
89 1.0 65.8 98.8#
182 0.0 2.1 3.1#

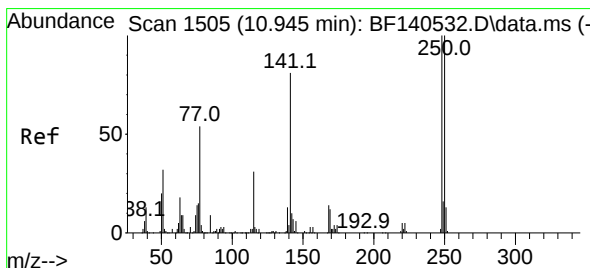
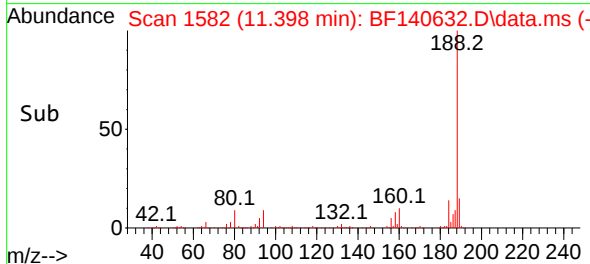
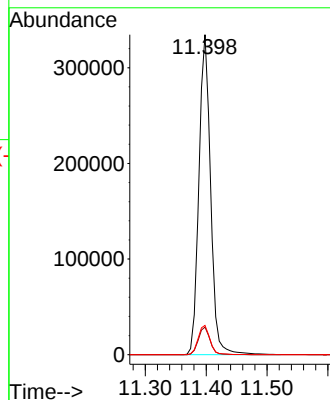
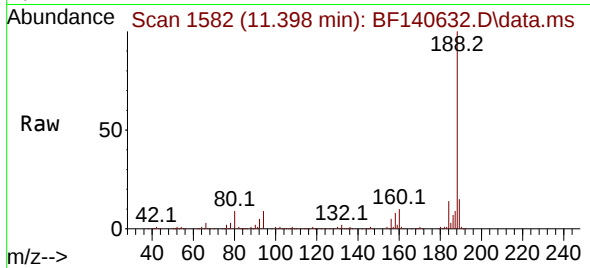




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF140632.D
Acq: 26 Nov 2024 10:53

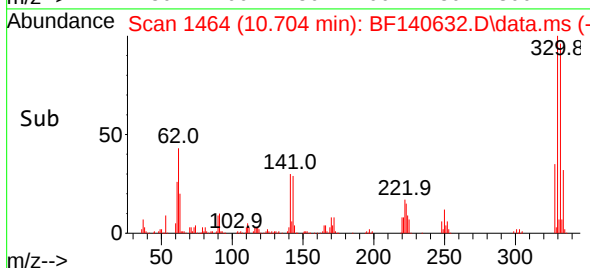
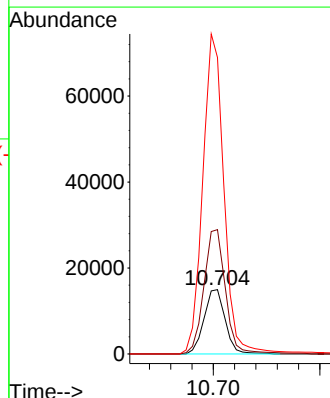
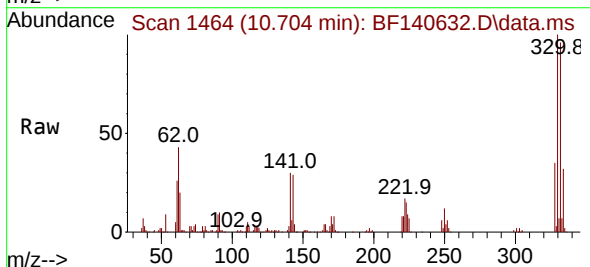
Instrument :
BNA_F
ClientSampleId :
PB165185BL

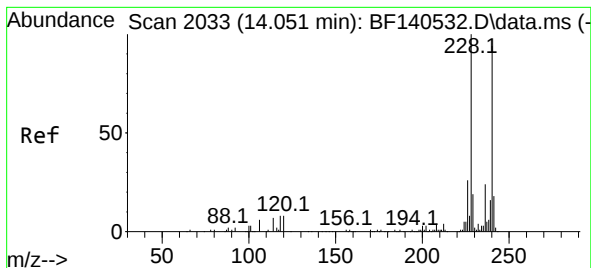
Tgt Ion:188 Resp: 446549
Ion Ratio Lower Upper
188 100
94 8.6 6.4 9.6
80 9.2 6.9 10.3



#67
4-Bromophenyl-phenylether
Concen: 4.490 ng
RT: 10.704 min Scan# 1464
Delta R.T. -0.241 min
Lab File: BF140632.D
Acq: 26 Nov 2024 10:53

Tgt Ion:248 Resp: 20649
Ion Ratio Lower Upper
248 100
250 193.2 79.8 119.8#
141 460.8 64.7 97.1#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.045 min Scan# 2032

Delta R.T. -0.006 min

Lab File: BF140632.D

Acq: 26 Nov 2024 10:53

Instrument :

BNA_F

ClientSampleId :

PB165185BL

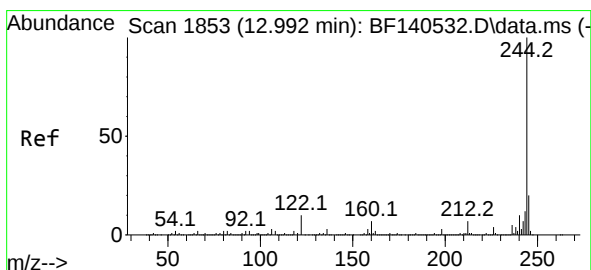
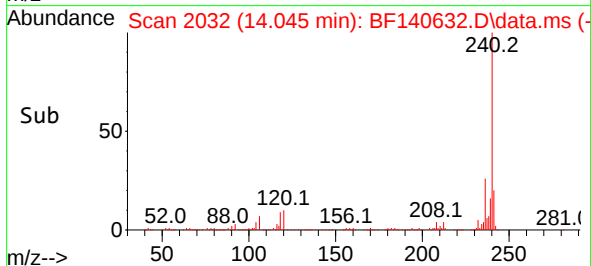
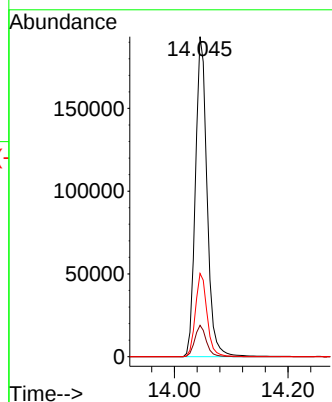
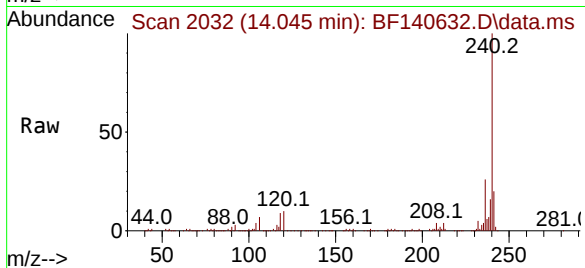
Tgt Ion:240 Resp: 276414

Ion Ratio Lower Upper

240 100

120 9.8 7.3 10.9

236 26.0 20.6 31.0



#79

Terphenyl-d14

Concen: 90.181 ng

RT: 12.986 min Scan# 1852

Delta R.T. -0.006 min

Lab File: BF140632.D

Acq: 26 Nov 2024 10:53

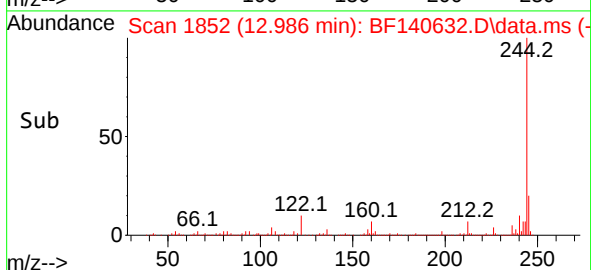
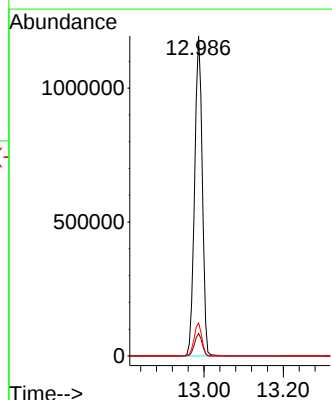
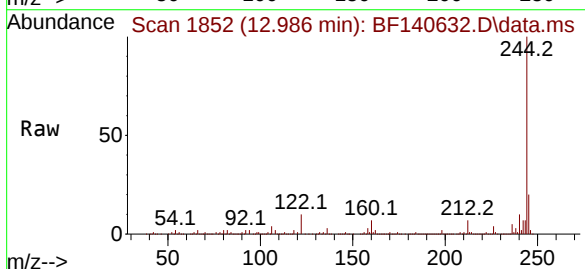
Tgt Ion:244 Resp: 1600842

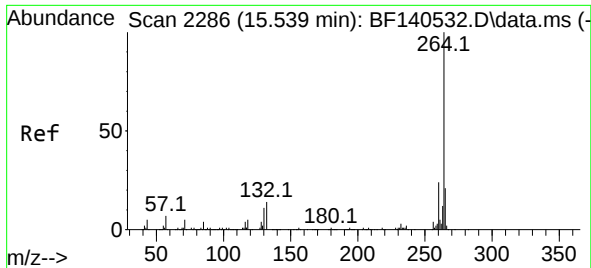
Ion Ratio Lower Upper

244 100

212 7.0 5.8 8.8

122 10.3 8.0 12.0





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.545 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: BF140632.D
 Acq: 26 Nov 2024 10:53

Instrument :
 BNA_F
 ClientSampleId :
 PB165185BL

Tgt Ion:264 Resp: 209172
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.0 28.6
 265 21.6 16.6 25.0

