

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111124\
 Data File : BF140323.D
 Acq On : 11 Nov 2024 17:59
 Operator : RC/JU
 Sample : PB164793TB
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB164793TB

Quant Time: Nov 12 00:45:02 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF111124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 12 00:05:37 2024
 Response via : Initial Calibration

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

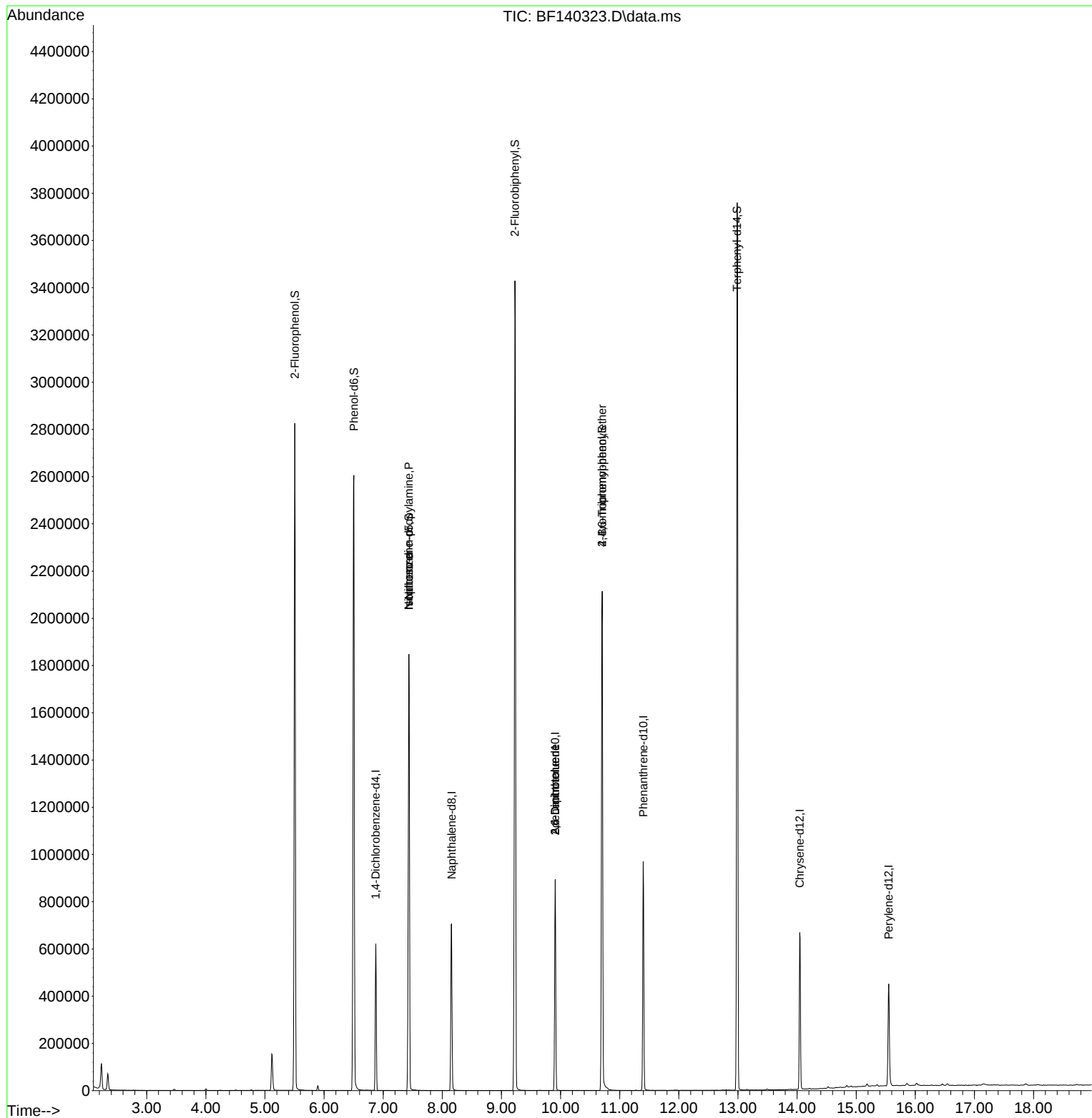
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	125988	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	481238	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	273075	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	525534	20.000	ng	0.00
76) Chrysene-d12	14.045	240	324752	20.000	ng	-0.01
86) Perylene-d12	15.551	264	261727	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	1061659	145.585	ng	0.01
7) Phenol-d6	6.504	99	1374482	141.846	ng	0.00
23) Nitrobenzene-d5	7.434	82	918962	99.133	ng	-0.01
42) 2,4,6-Tribromophenol	10.704	330	378517	142.677	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	1646264	95.180	ng	0.00
79) Terphenyl-d14	12.986	244	1892026	99.901	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.434	70	125096	21.198	ng	# 78
25) Isophorone	7.434	82	911026	56.419	ng	# 67
51) 2,6-Dinitrotoluene	9.910	165	34566	8.662	ng	# 20
57) 2,4-Dinitrotoluene	9.910	165	34566	6.578	ng	# 19
67) 4-Bromophenyl-phenylether	10.704	248	24367	4.627	ng	# 1

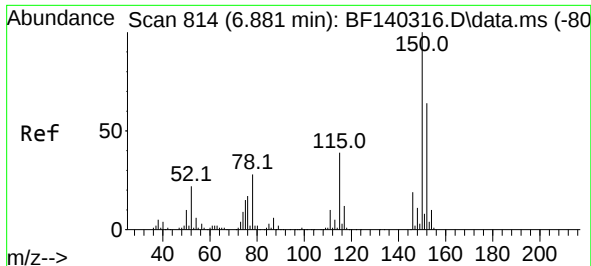
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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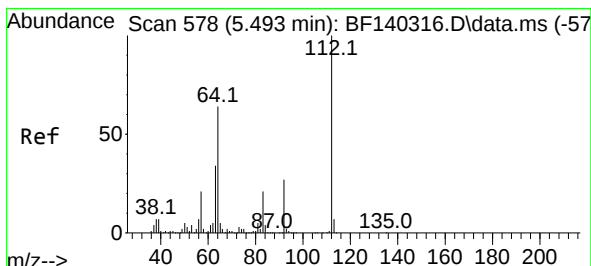
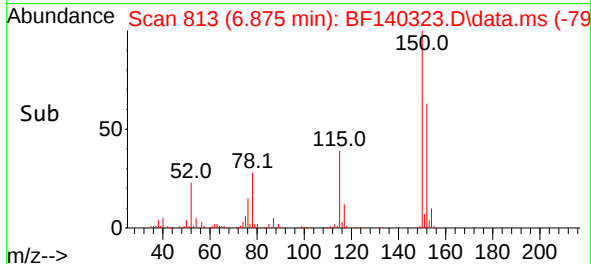
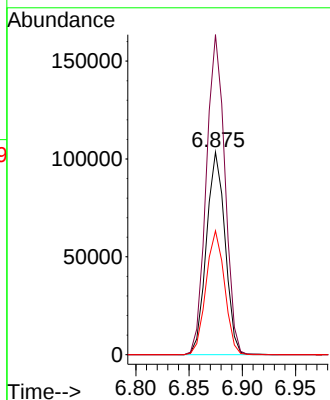
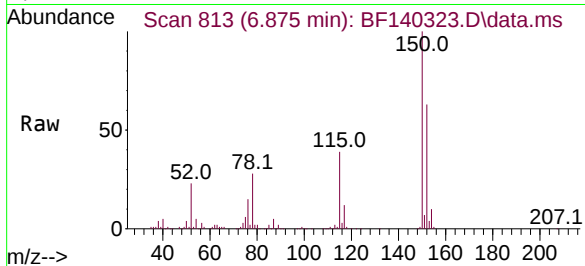




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 814
Delta R.T. -0.006 min
Lab File: BF140323.D
Acq: 11 Nov 2024 17:59

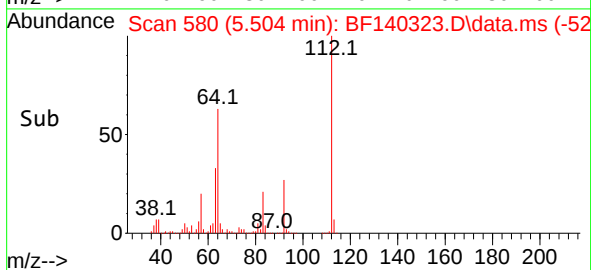
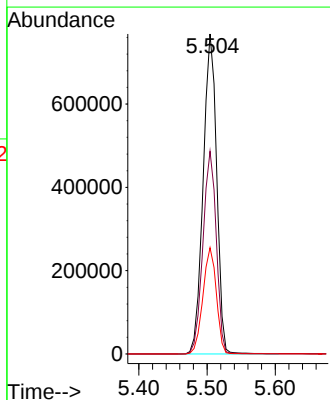
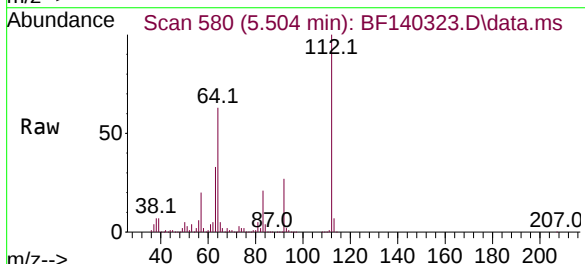
Instrument :
BNA_F
ClientSampleId :
PB164793TB

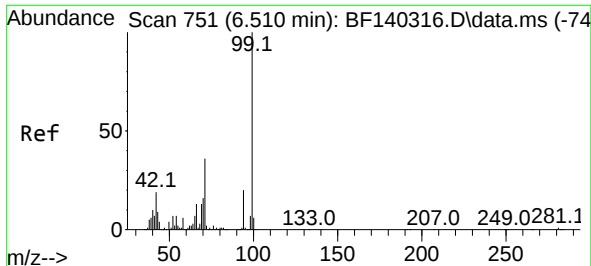
Tgt Ion:152 Resp: 125988
Ion Ratio Lower Upper
152 100
150 157.9 127.1 190.7
115 61.1 49.4 74.0



#5
2-Fluorophenol
Concen: 145.585 ng
RT: 5.504 min Scan# 580
Delta R.T. 0.012 min
Lab File: BF140323.D
Acq: 11 Nov 2024 17:59

Tgt Ion:112 Resp: 1061659
Ion Ratio Lower Upper
112 100
64 63.3 51.0 76.6
63 33.2 26.9 40.3

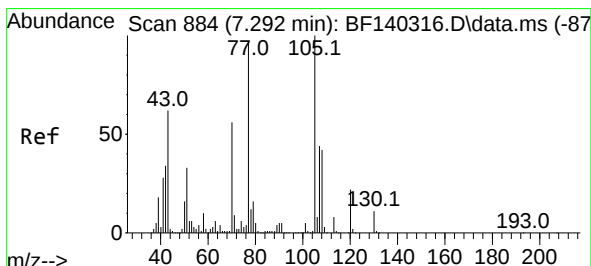
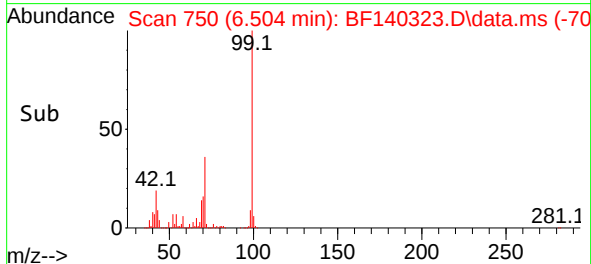
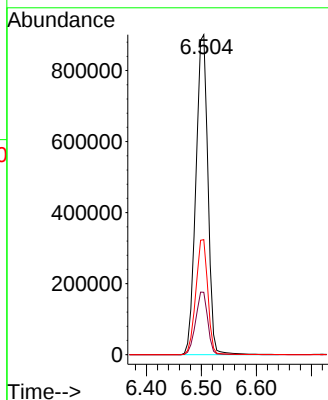
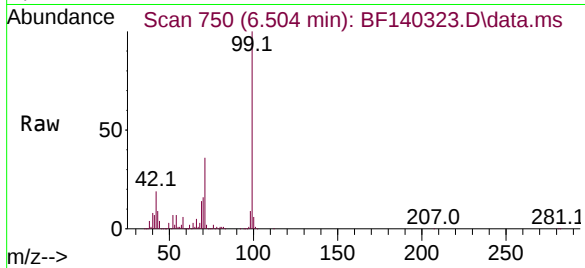




#7
Phenol-d6
Concen: 141.846 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF140323.D
Acq: 11 Nov 2024 17:59

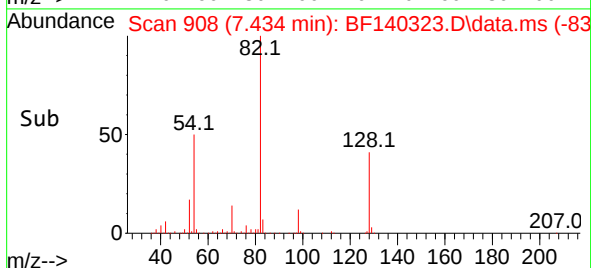
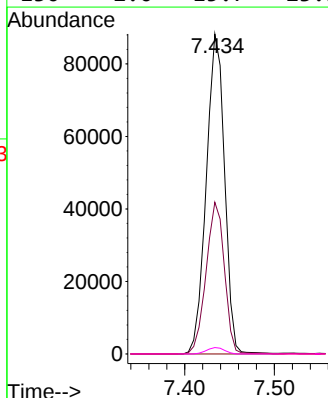
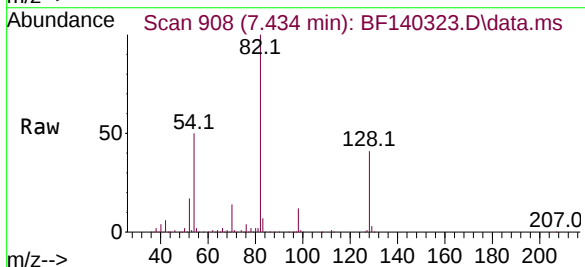
Instrument :
BNA_F
ClientSampleId :
PB164793TB

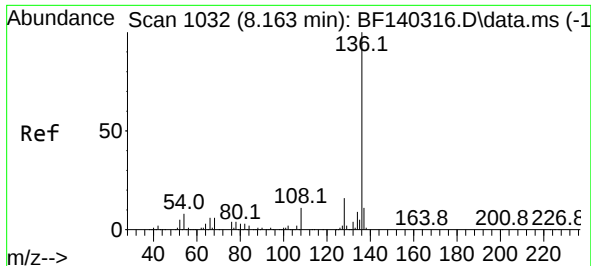
Tgt Ion: 99 Resp: 1374482
Ion Ratio Lower Upper
99 100
42 19.5 15.5 23.3
71 36.0 28.8 43.2



#19
n-Nitroso-di-n-propylamine
Concen: 21.198 ng
RT: 7.434 min Scan# 908
Delta R.T. 0.141 min
Lab File: BF140323.D
Acq: 11 Nov 2024 17:59

Tgt Ion: 70 Resp: 125096
Ion Ratio Lower Upper
70 100
42 47.4 48.0 72.0#
101 0.0 7.4 11.0#
130 2.0 15.7 23.5#



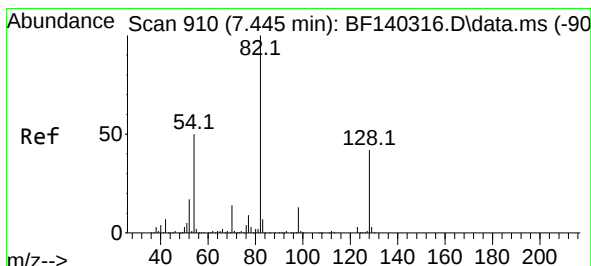
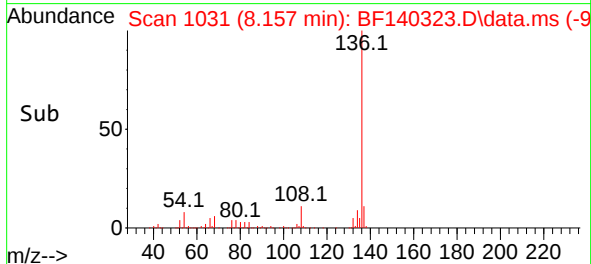
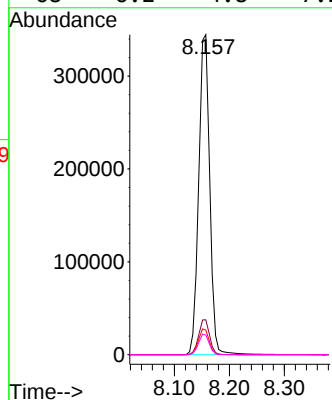
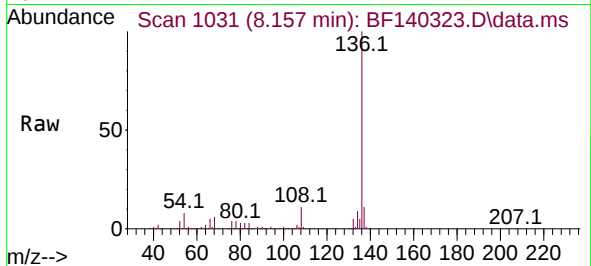


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF140323.D
Acq: 11 Nov 2024 17:59

Instrument :
BNA_F
ClientSampleId :
PB164793TB

Tgt Ion:136 Resp: 481238

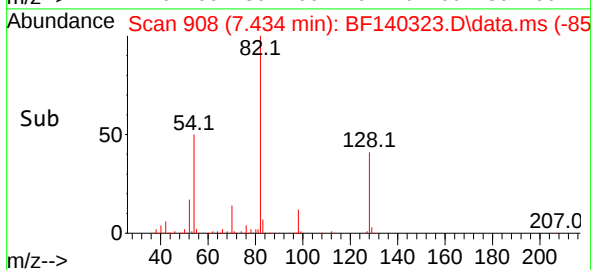
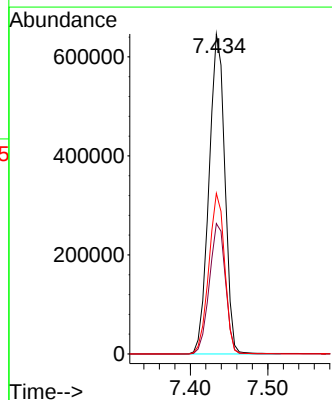
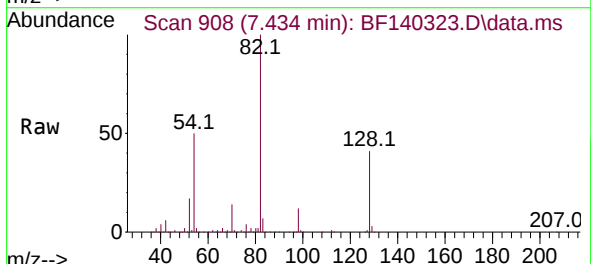
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	12.8
54	7.7	6.2	9.2
68	6.2	4.8	7.2

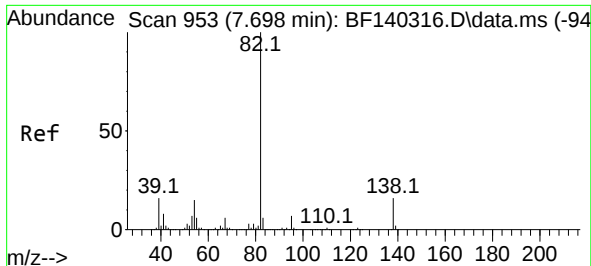


#23
Nitrobenzene-d5
Concen: 99.133 ng
RT: 7.434 min Scan# 908
Delta R.T. -0.012 min
Lab File: BF140323.D
Acq: 11 Nov 2024 17:59

Tgt Ion: 82 Resp: 918962

Ion	Ratio	Lower	Upper
82	100		
128	40.7	33.8	50.6
54	50.2	40.0	60.0

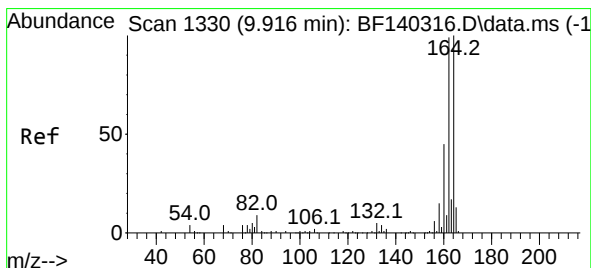
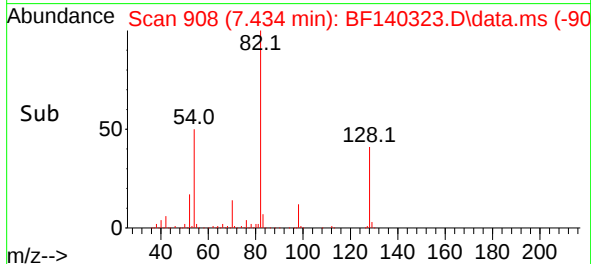
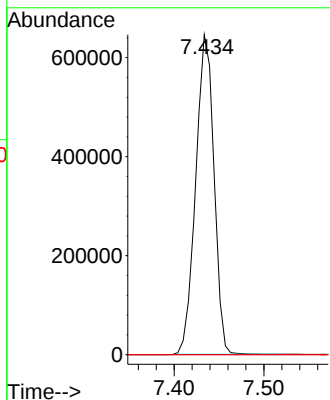
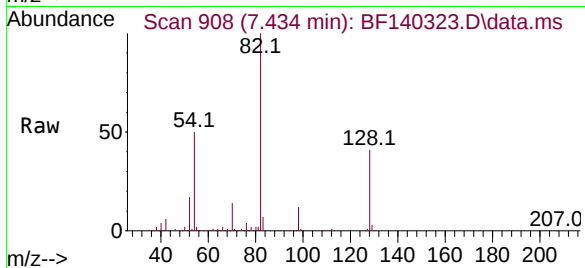




#25
Isophorone
Concen: 56.419 ng
RT: 7.434 min Scan# 90
Delta R.T. -0.265 min
Lab File: BF140323.D
Acq: 11 Nov 2024 17:59

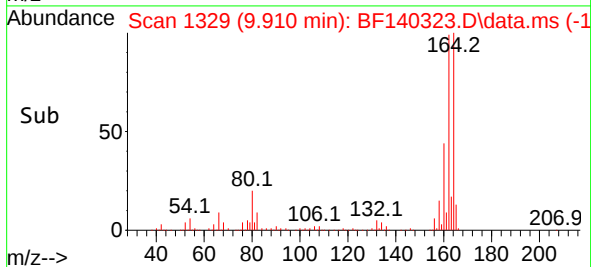
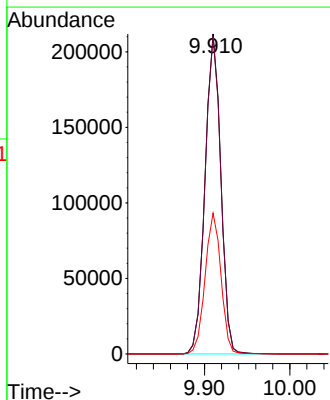
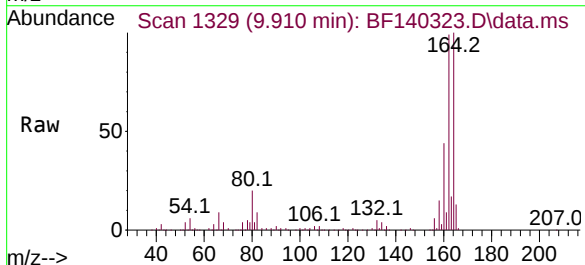
Instrument :
BNA_F
ClientSampleId :
PB164793TB

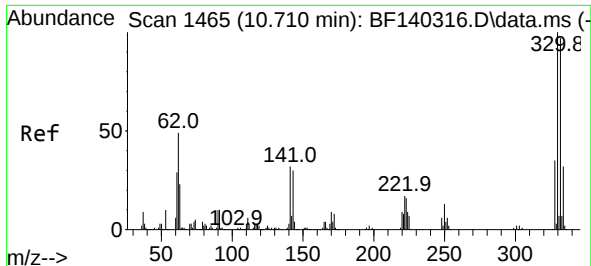
Tgt Ion: 82 Resp: 911026
Ion Ratio Lower Upper
82 100
95 0.0 5.9 8.9#
138 0.0 13.2 19.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.910 min Scan# 1329
Delta R.T. -0.006 min
Lab File: BF140323.D
Acq: 11 Nov 2024 17:59

Tgt Ion: 164 Resp: 273075
Ion Ratio Lower Upper
164 100
162 99.3 79.4 119.0
160 44.0 35.6 53.4





#42

2,4,6-Tribromophenol

Concen: 142.677 ng

RT: 10.704 min Scan# 1464

Delta R.T. -0.006 min

Lab File: BF140323.D

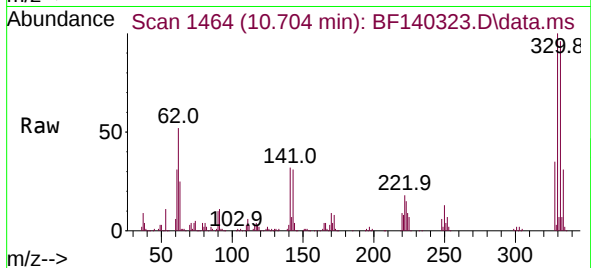
Acq: 11 Nov 2024 17:59

Instrument :

BNA_F

ClientSampleId :

PB164793TB



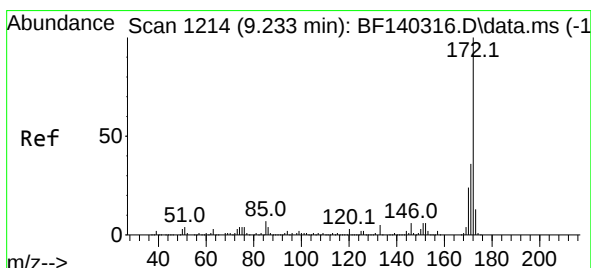
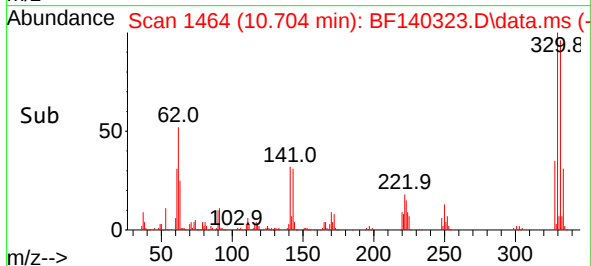
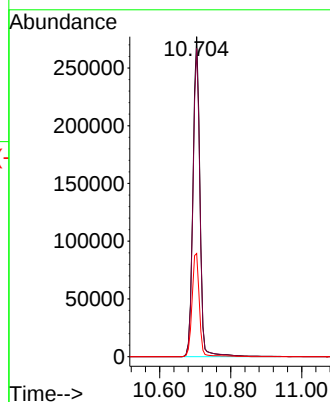
Tgt Ion:330 Resp: 378517

Ion Ratio Lower Upper

330 100

332 96.4 77.1 115.7

141 33.9 28.3 42.5



#45

2-Fluorobiphenyl

Concen: 95.180 ng

RT: 9.228 min Scan# 1213

Delta R.T. -0.006 min

Lab File: BF140323.D

Acq: 11 Nov 2024 17:59

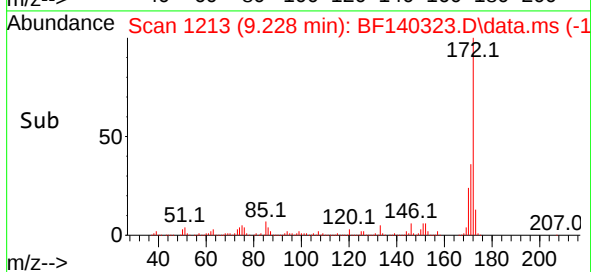
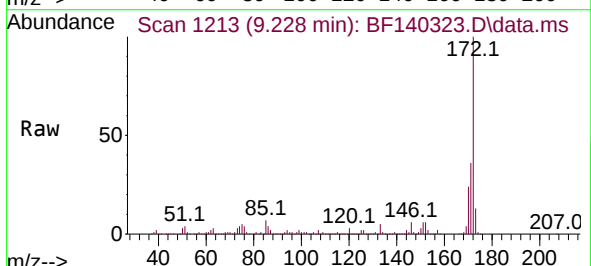
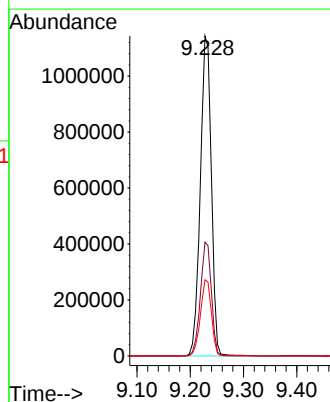
Tgt Ion:172 Resp: 1646264

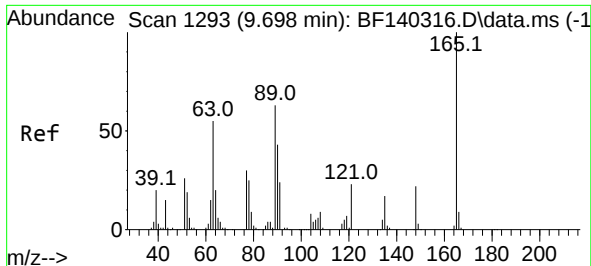
Ion Ratio Lower Upper

172 100

171 35.5 28.7 43.1

170 23.8 19.3 28.9

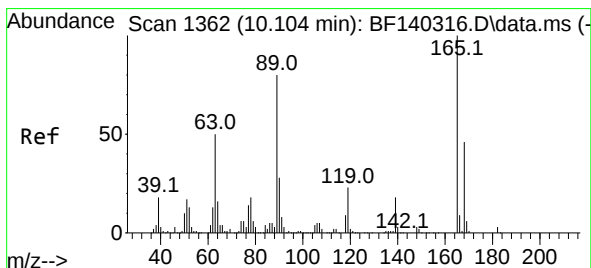
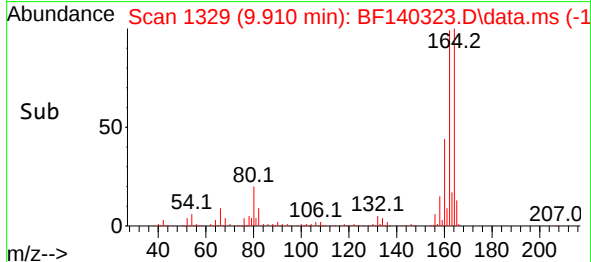
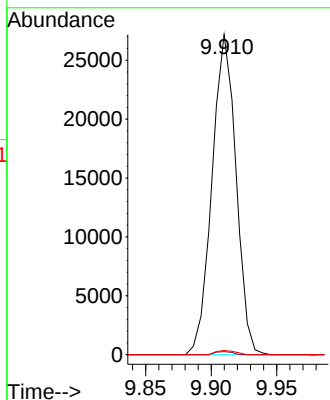
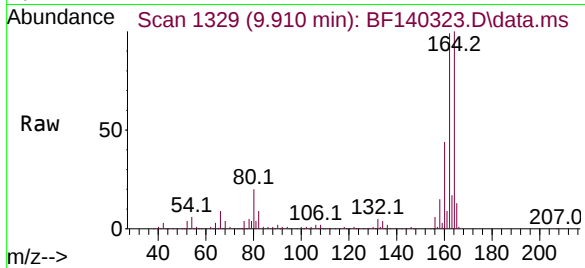




#51
2,6-Dinitrotoluene
Concen: 8.662 ng
RT: 9.910 min Scan# 11
Delta R.T. 0.212 min
Lab File: BF140323.D
Acq: 11 Nov 2024 17:59

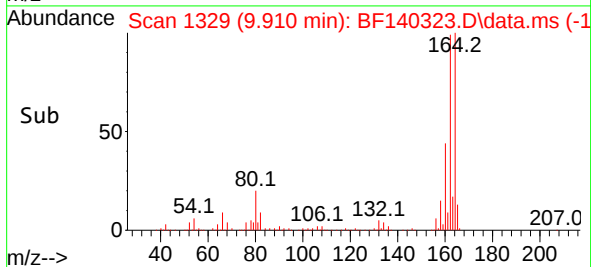
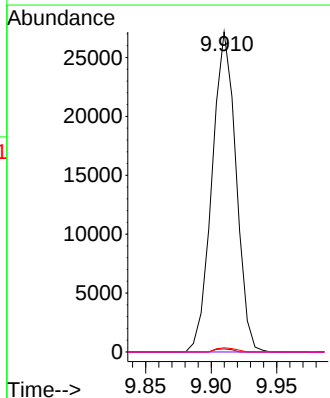
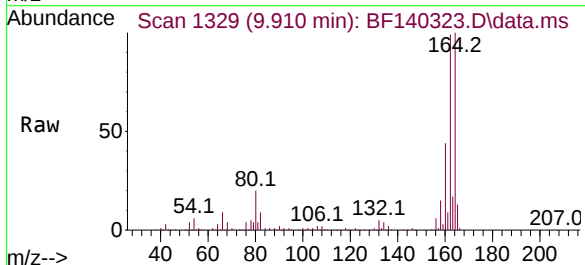
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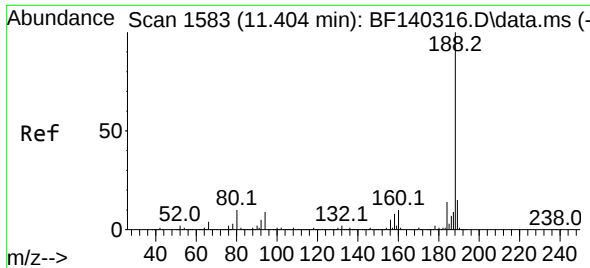
Tgt Ion:165 Resp: 34566
Ion Ratio Lower Upper
165 100
63 1.0 50.7 76.1#
89 1.3 50.4 75.6#



#57
2,4-Dinitrotoluene
Concen: 6.578 ng
RT: 9.910 min Scan# 1329
Delta R.T. -0.194 min
Lab File: BF140323.D
Acq: 11 Nov 2024 17:59

Tgt Ion:165 Resp: 34566
Ion Ratio Lower Upper
165 100
63 1.0 40.6 60.8#
89 1.3 63.8 95.8#
182 0.0 2.1 3.1#

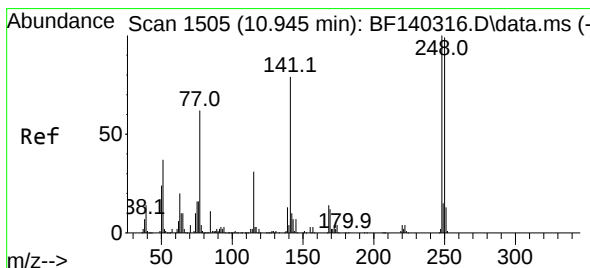
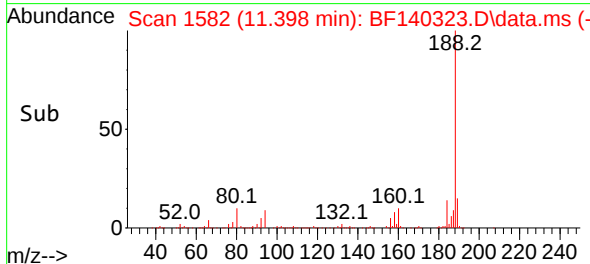
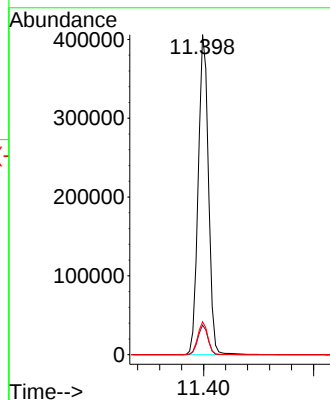
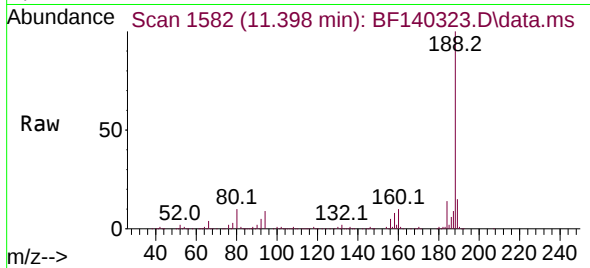




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF140323.D
Acq: 11 Nov 2024 17:59

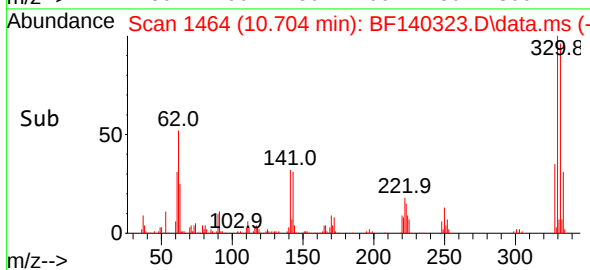
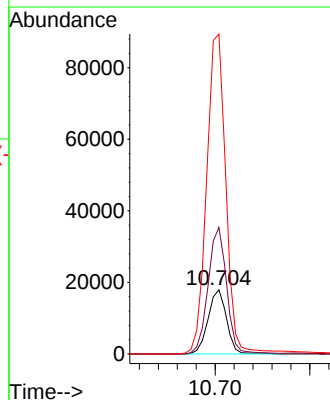
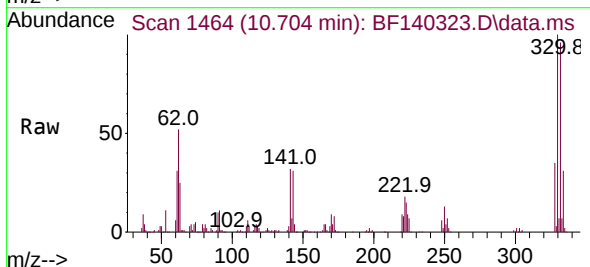
Instrument :
BNA_F
ClientSampleId :
PB164793TB

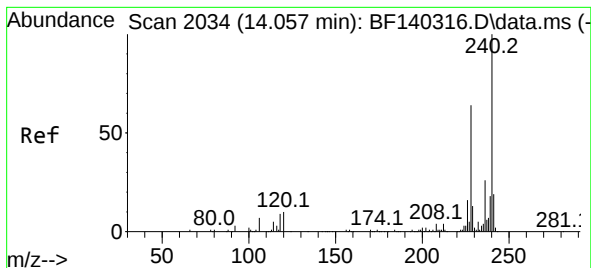
Tgt Ion:188 Resp: 525534
Ion Ratio Lower Upper
188 100
94 9.2 7.4 11.2
80 10.3 8.0 12.0



#67
4-Bromophenyl-phenylether
Concen: 4.627 ng
RT: 10.704 min Scan# 1464
Delta R.T. -0.241 min
Lab File: BF140323.D
Acq: 11 Nov 2024 17:59

Tgt Ion:248 Resp: 24367
Ion Ratio Lower Upper
248 100
250 197.5 79.1 118.7#
141 499.2 63.5 95.3#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.045 min Scan# 2032

Delta R.T. -0.012 min

Lab File: BF140323.D

Acq: 11 Nov 2024 17:59

Instrument :

BNA_F

ClientSampleId :

PB164793TB

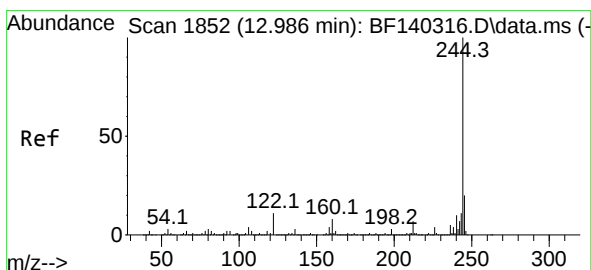
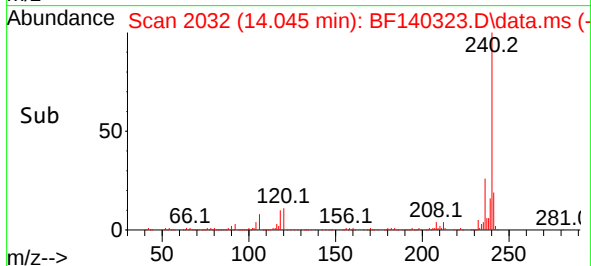
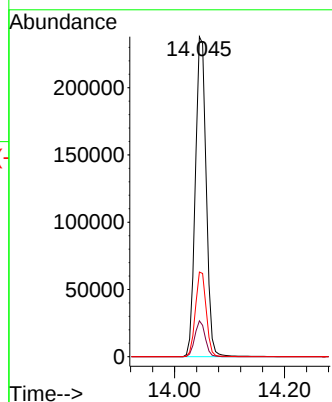
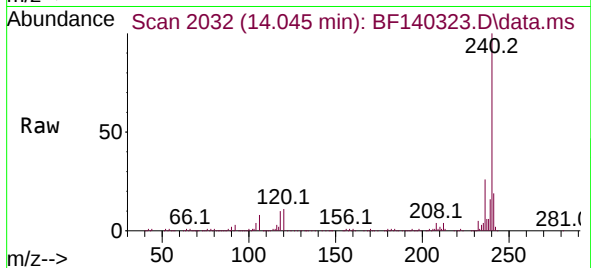
Tgt Ion:240 Resp: 324752

Ion Ratio Lower Upper

240 100

120 11.2 8.2 12.4

236 26.5 20.9 31.3



#79

Terphenyl-d14

Concen: 99.901 ng

RT: 12.986 min Scan# 1852

Delta R.T. -0.000 min

Lab File: BF140323.D

Acq: 11 Nov 2024 17:59

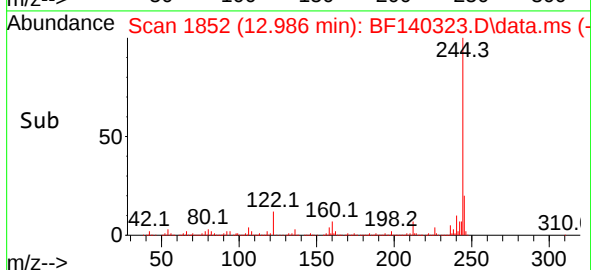
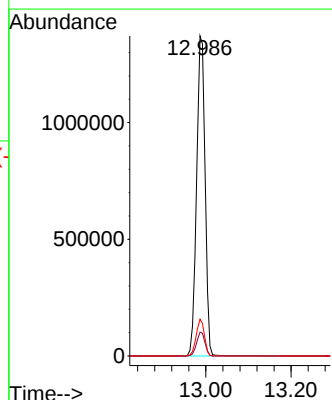
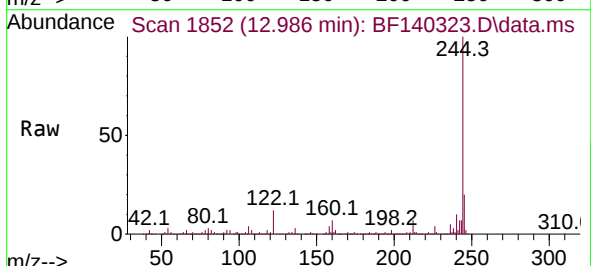
Tgt Ion:244 Resp: 1892026

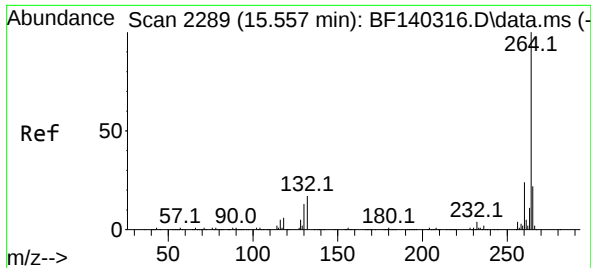
Ion Ratio Lower Upper

244 100

212 7.4 6.0 9.0

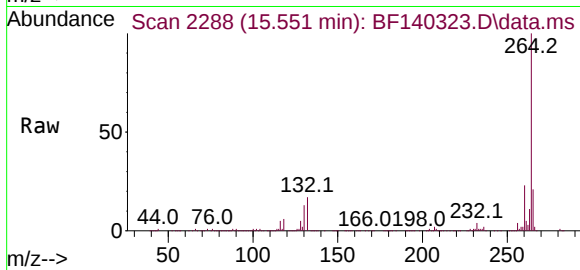
122 11.5 9.0 13.4





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.551 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BF140323.D
 Acq: 11 Nov 2024 17:59

Instrument :
 BNA_F
 ClientSampleId :
 PB164793TB



Tgt Ion:264 Resp: 261727
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.6 29.4
 265 21.2 17.6 26.4

