

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111124\
 Data File : BF140321.D
 Acq On : 11 Nov 2024 17:01
 Operator : RC/JU
 Sample : PB164711BL
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB164848BL

Quant Time: Nov 12 00:44:32 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)

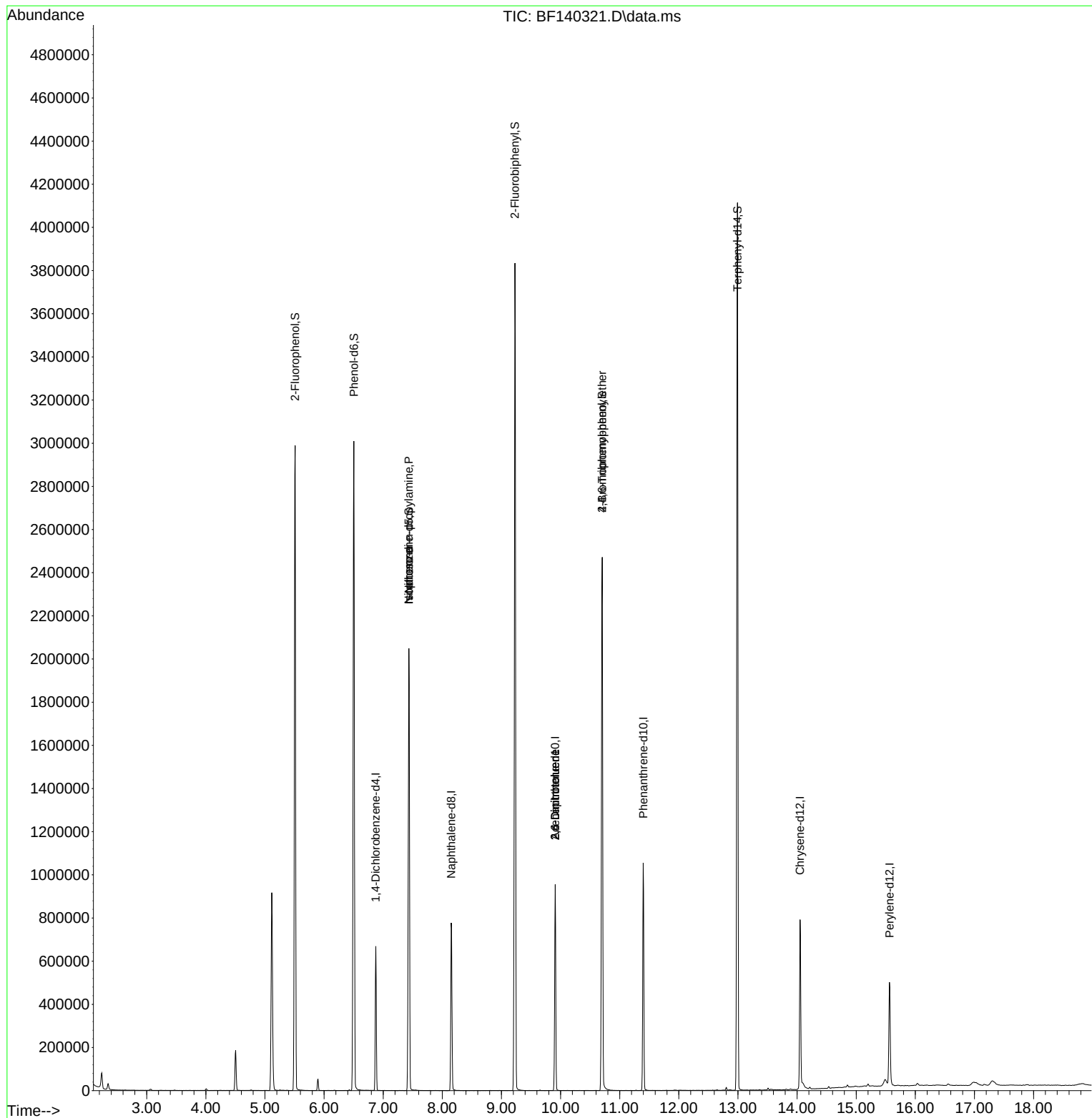
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	135530	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	518809	20.000	ng	-0.01
39) Acenaphthene-d10	9.910	164	292211	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	564605	20.000	ng	0.00
76) Chrysene-d12	14.051	240	373526	20.000	ng	0.00
86) Perylene-d12	15.562	264	289009	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	1184686	151.018	ng	0.02
7) Phenol-d6	6.504	99	1558796	149.541	ng	0.00
23) Nitrobenzene-d5	7.434	82	1027292	102.794	ng	-0.01
42) 2,4,6-Tribromophenol	10.704	330	433212	152.600	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	1848133	99.853	ng	0.00
79) Terphenyl-d14	12.992	244	2128598	97.717	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.434	70	139892	22.036	ng	# 79
25) Isophorone	7.434	82	1025160	58.890	ng	# 67
51) 2,6-Dinitrotoluene	9.910	165	37692	8.827	ng	# 20
57) 2,4-Dinitrotoluene	9.910	165	37692	6.703	ng	# 19
67) 4-Bromophenyl-phenylether	10.704	248	28612	5.058	ng	# 1

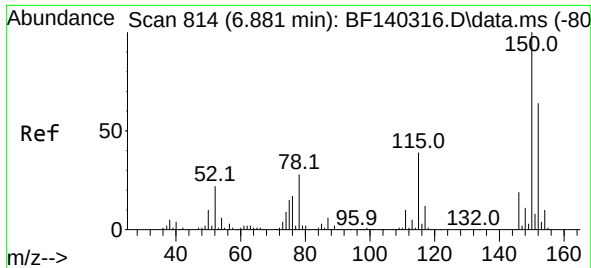
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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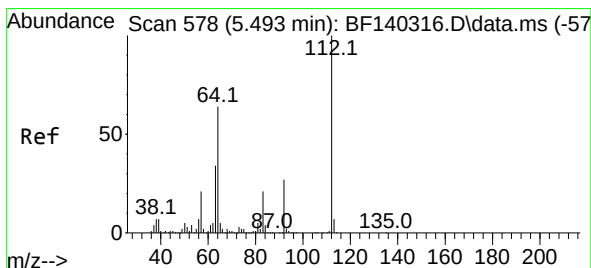
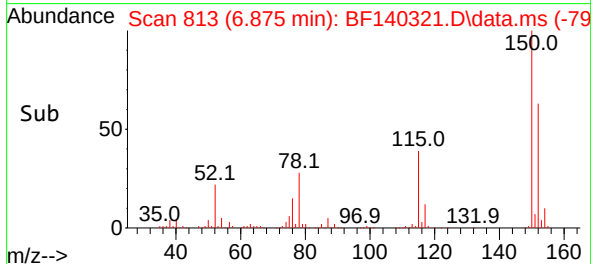
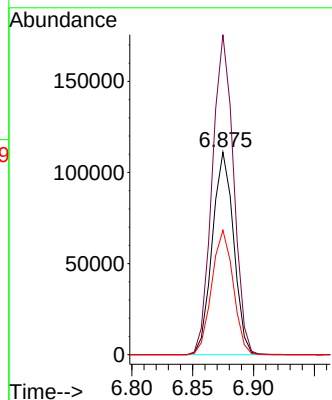
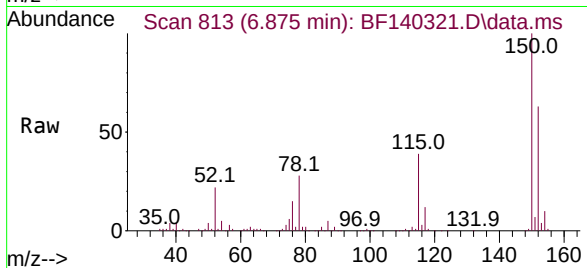




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 814
Delta R.T. -0.006 min
Lab File: BF140321.D
Acq: 11 Nov 2024 17:01

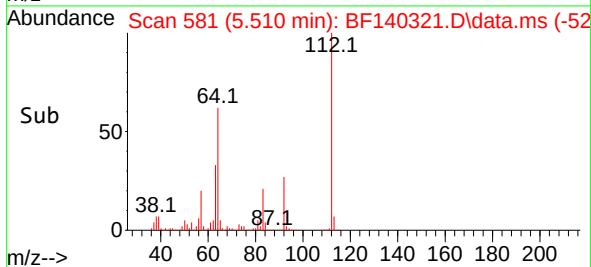
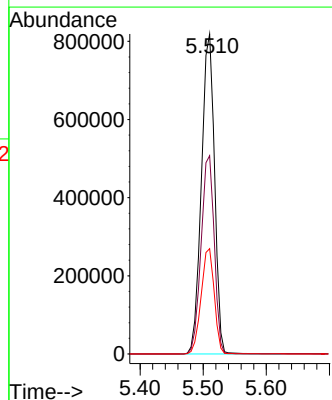
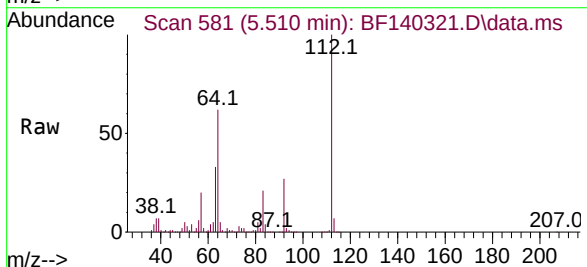
Instrument :
BNA_F
ClientSampleId :
PB164848BL

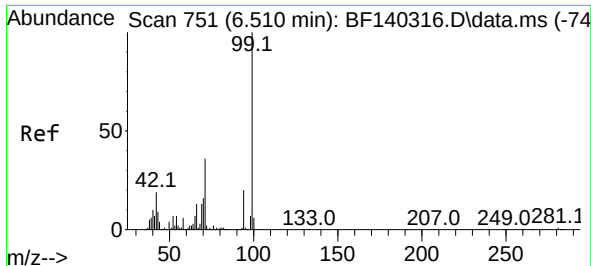
Tgt Ion:152 Resp: 135530
Ion Ratio Lower Upper
152 100
150 157.9 127.1 190.7
115 61.4 49.4 74.0



#5
2-Fluorophenol
Concen: 151.018 ng
RT: 5.510 min Scan# 581
Delta R.T. 0.018 min
Lab File: BF140321.D
Acq: 11 Nov 2024 17:01

Tgt Ion:112 Resp: 1184686
Ion Ratio Lower Upper
112 100
64 62.0 51.0 76.6
63 32.9 26.9 40.3

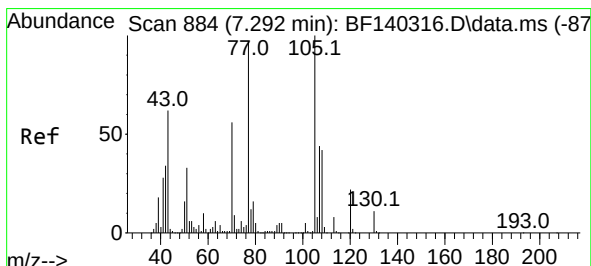
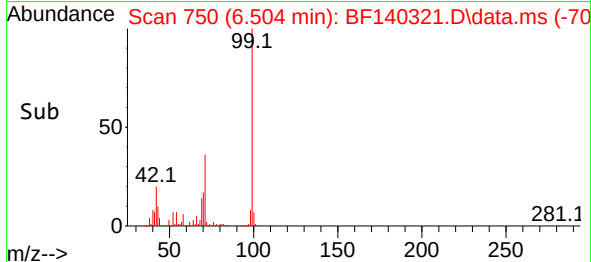
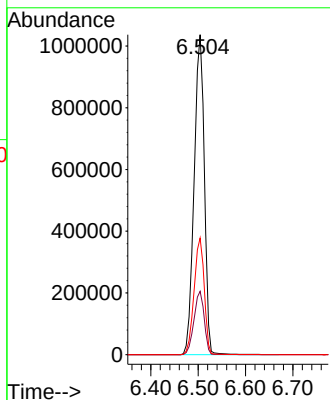
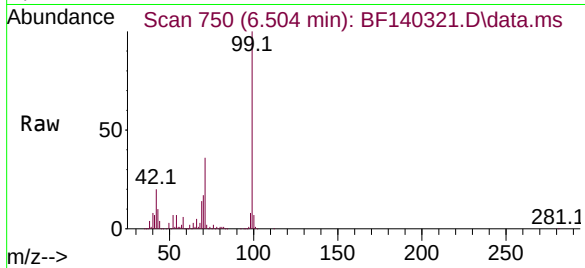




#7
Phenol-d6
Concen: 149.541 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF140321.D
Acq: 11 Nov 2024 17:01

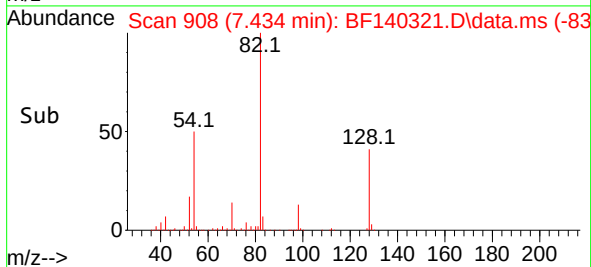
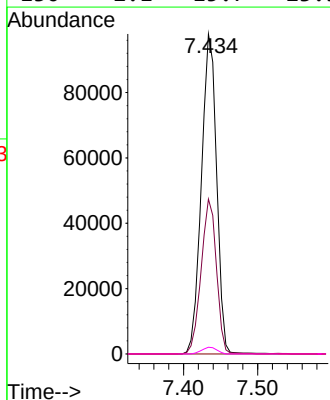
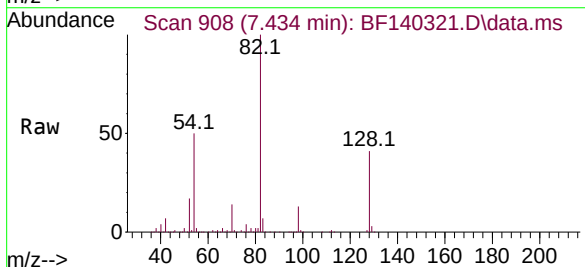
Instrument :
BNA_F
ClientSampleId :
PB164848BL

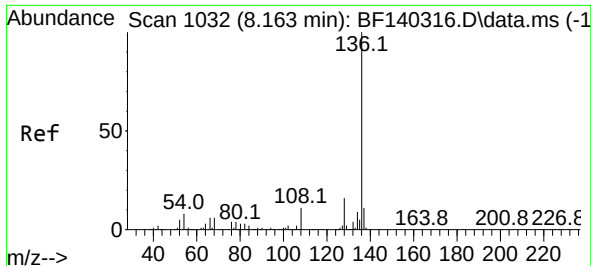
Tgt Ion: 99 Resp: 1558796
Ion Ratio Lower Upper
99 100
42 19.8 15.5 23.3
71 36.5 28.8 43.2



#19
n-Nitroso-di-n-propylamine
Concen: 22.036 ng
RT: 7.434 min Scan# 908
Delta R.T. 0.141 min
Lab File: BF140321.D
Acq: 11 Nov 2024 17:01

Tgt Ion: 70 Resp: 139892
Ion Ratio Lower Upper
70 100
42 48.4 48.0 72.0
101 0.0 7.4 11.0#
130 2.1 15.7 23.5#

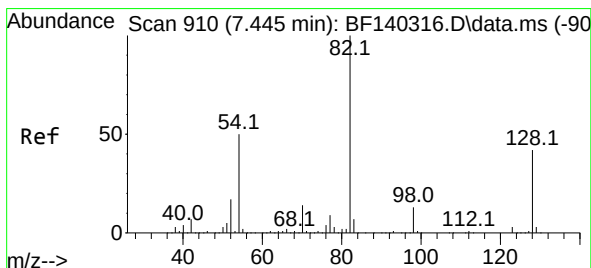
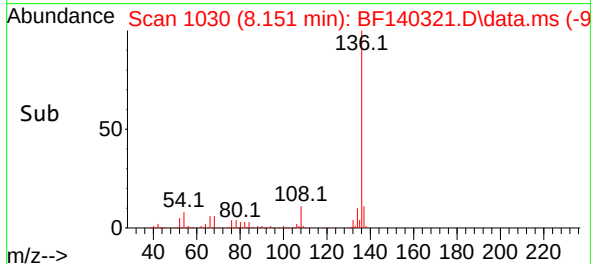
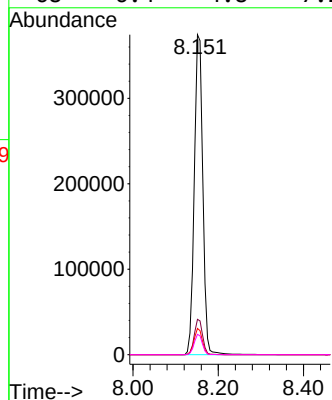
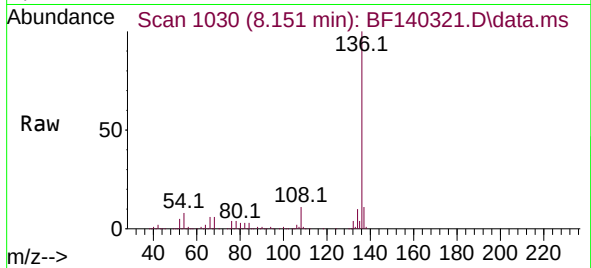




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1030
Delta R.T. -0.012 min
Lab File: BF140321.D
Acq: 11 Nov 2024 17:01

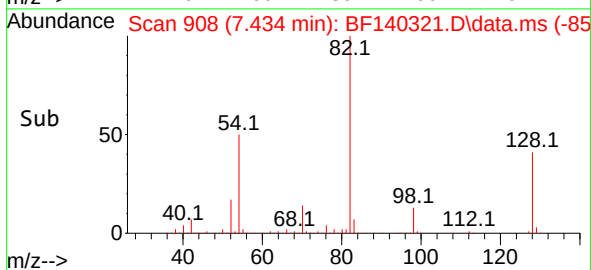
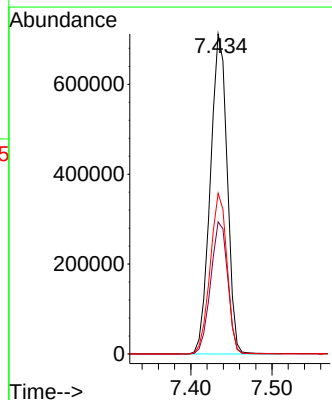
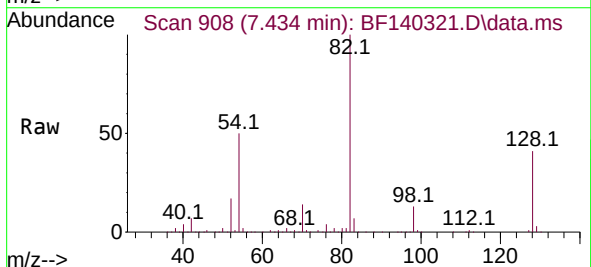
Instrument :
BNA_F
ClientSampleId :
PB164848BL

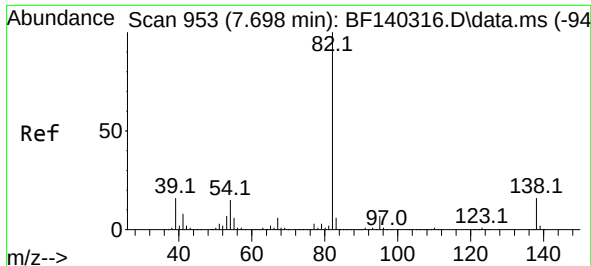
Tgt Ion:136 Resp: 518809
Ion Ratio Lower Upper
136 100
137 11.0 8.6 12.8
54 8.2 6.2 9.2
68 6.4 4.8 7.2



#23
Nitrobenzene-d5
Concen: 102.794 ng
RT: 7.434 min Scan# 908
Delta R.T. -0.012 min
Lab File: BF140321.D
Acq: 11 Nov 2024 17:01

Tgt Ion: 82 Resp: 1027292
Ion Ratio Lower Upper
82 100
128 41.3 33.8 50.6
54 50.2 40.0 60.0

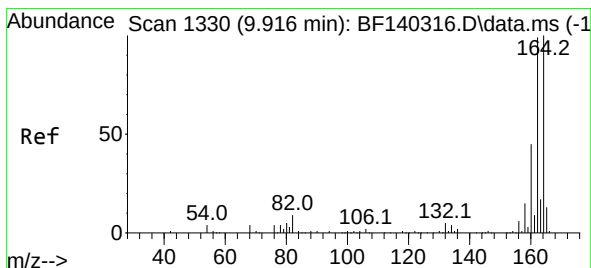
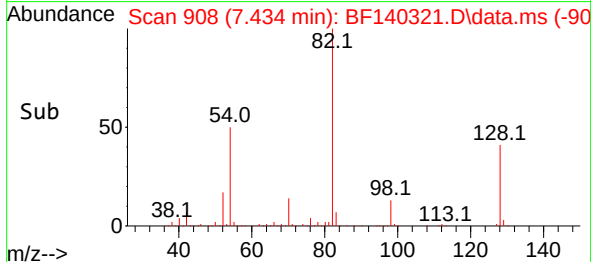
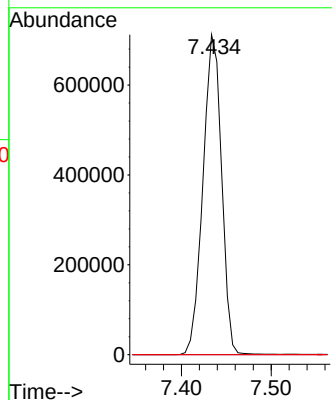
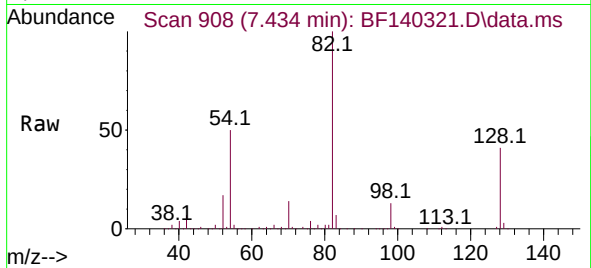




#25
Isophorone
Concen: 58.890 ng
RT: 7.434 min Scan# 90
Delta R.T. -0.265 min
Lab File: BF140321.D
Acq: 11 Nov 2024 17:01

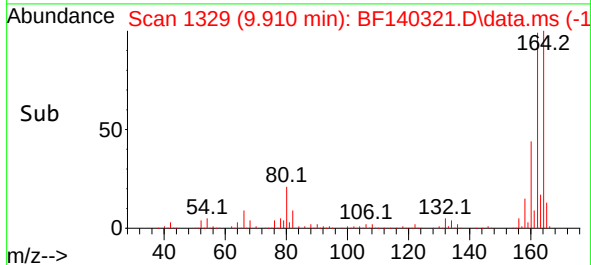
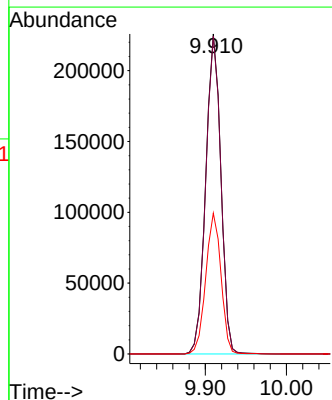
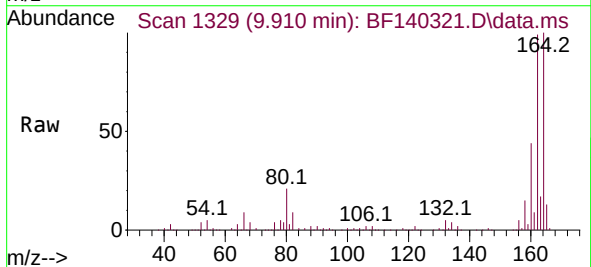
Instrument :
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ClientSampleId :
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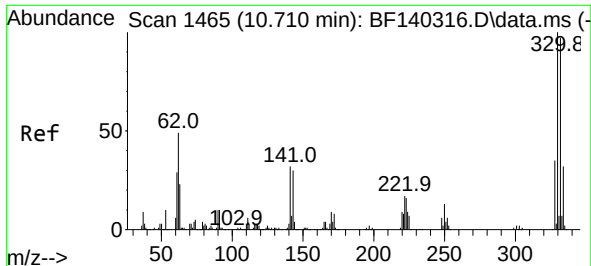
Tgt Ion: 82 Resp: 1025160
Ion Ratio Lower Upper
82 100
95 0.0 5.9 8.9#
138 0.0 13.2 19.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.910 min Scan# 1329
Delta R.T. -0.006 min
Lab File: BF140321.D
Acq: 11 Nov 2024 17:01

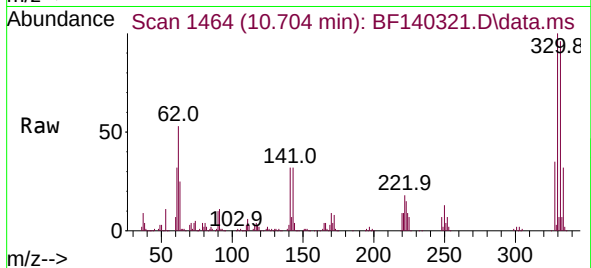
Tgt Ion:164 Resp: 292211
Ion Ratio Lower Upper
164 100
162 99.3 79.4 119.0
160 44.0 35.6 53.4



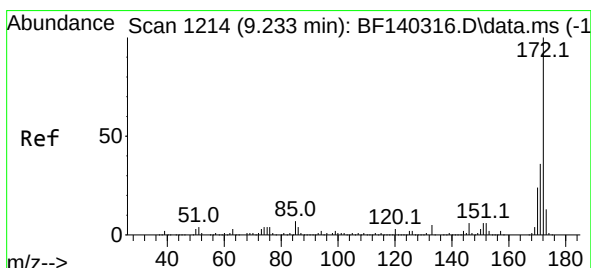
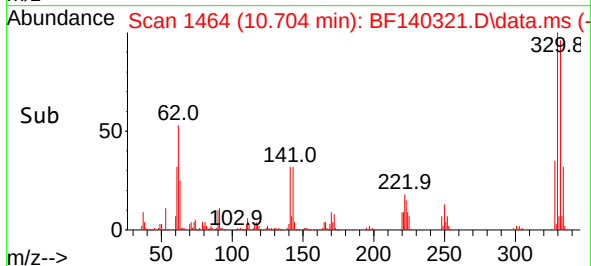
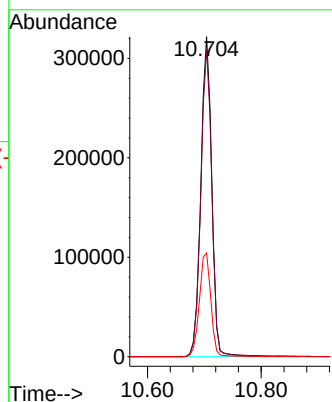


#42
2,4,6-Tribromophenol
Concen: 152.600 ng
RT: 10.704 min Scan# 1464
Delta R.T. -0.006 min
Lab File: BF140321.D
Acq: 11 Nov 2024 17:01

Instrument :
BNA_F
ClientSampleId :
PB164848BL

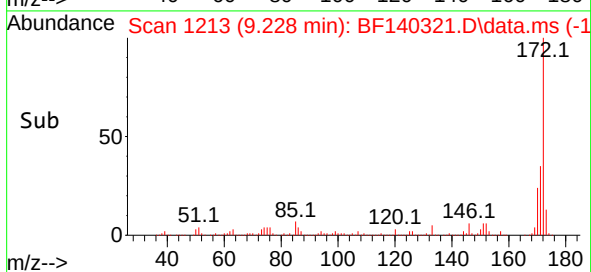
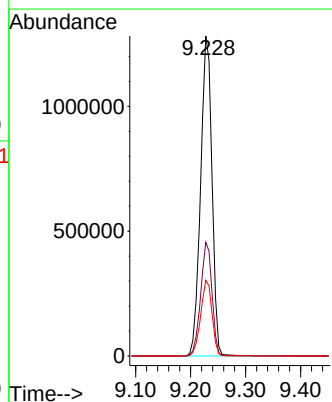
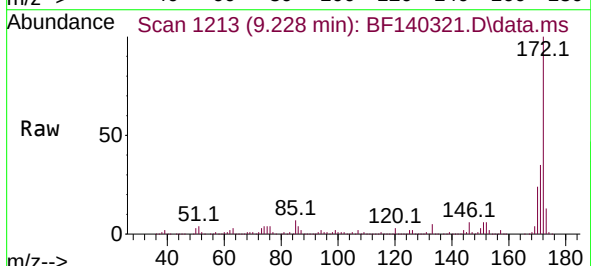


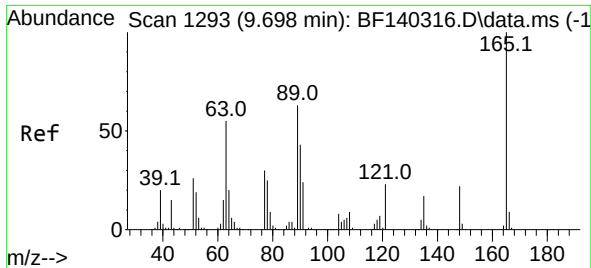
Tgt Ion: 330 Resp: 433212
Ion Ratio Lower Upper
330 100
332 96.7 77.1 115.7
141 34.0 28.3 42.5



#45
2-Fluorobiphenyl
Concen: 99.853 ng
RT: 9.228 min Scan# 1213
Delta R.T. -0.006 min
Lab File: BF140321.D
Acq: 11 Nov 2024 17:01

Tgt Ion: 172 Resp: 1848133
Ion Ratio Lower Upper
172 100
171 35.5 28.7 43.1
170 23.6 19.3 28.9

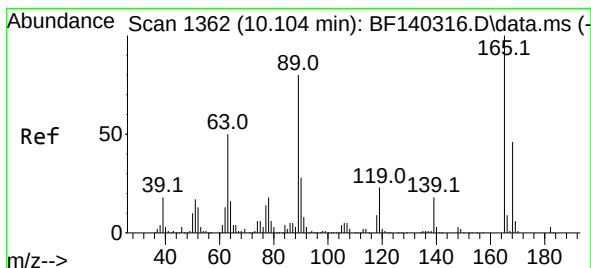
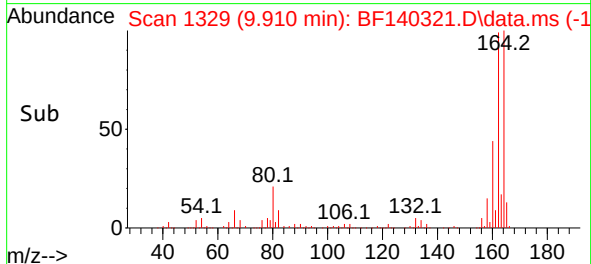
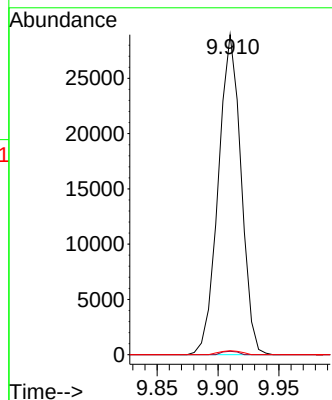
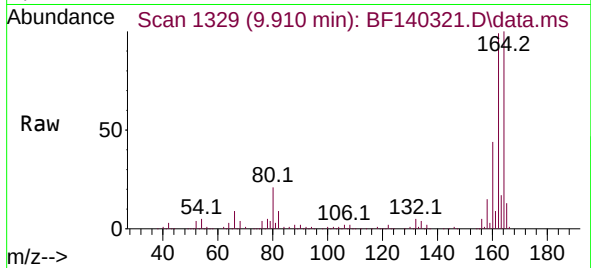




#51
2,6-Dinitrotoluene
Concen: 8.827 ng
RT: 9.910 min Scan# 11
Delta R.T. 0.212 min
Lab File: BF140321.D
Acq: 11 Nov 2024 17:01

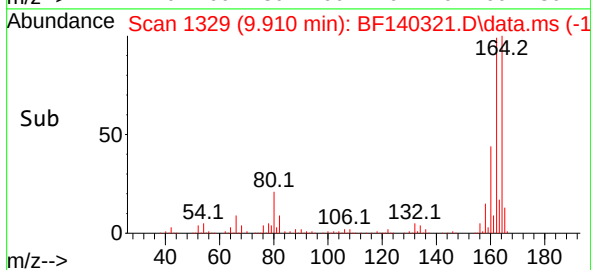
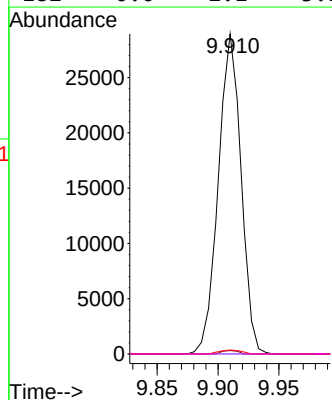
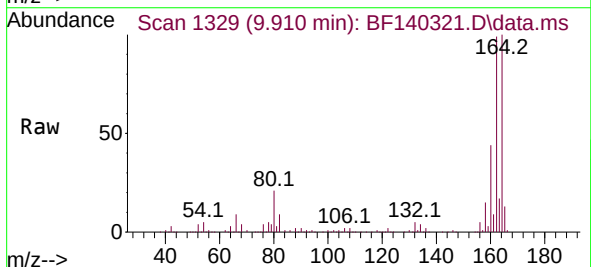
Instrument :
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ClientSampleId :
PB164848BL

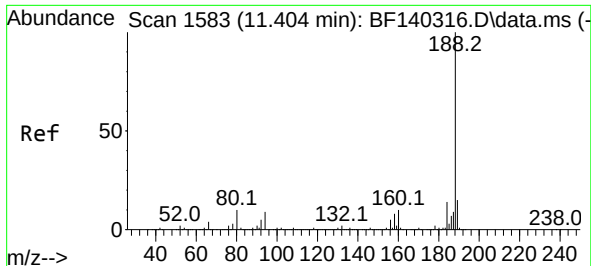
Tgt Ion:165 Resp: 37692
Ion Ratio Lower Upper
165 100
63 1.1 50.7 76.1#
89 1.2 50.4 75.6#



#57
2,4-Dinitrotoluene
Concen: 6.703 ng
RT: 9.910 min Scan# 1329
Delta R.T. -0.194 min
Lab File: BF140321.D
Acq: 11 Nov 2024 17:01

Tgt Ion:165 Resp: 37692
Ion Ratio Lower Upper
165 100
63 1.1 40.6 60.8#
89 1.2 63.8 95.8#
182 0.0 2.1 3.1#

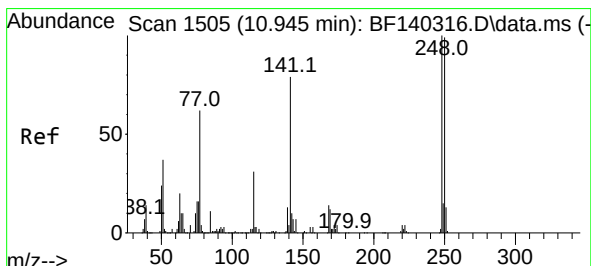
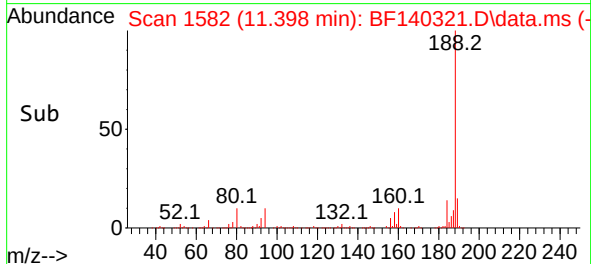
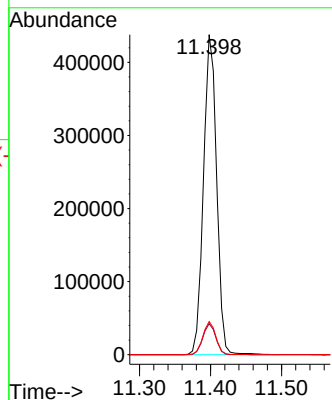
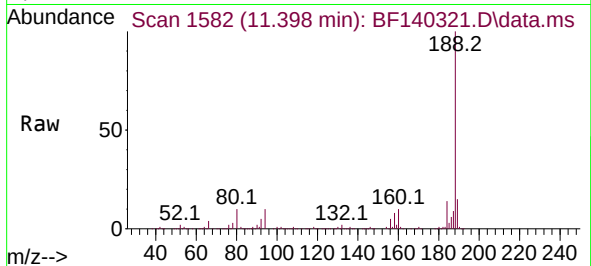




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF140321.D
Acq: 11 Nov 2024 17:01

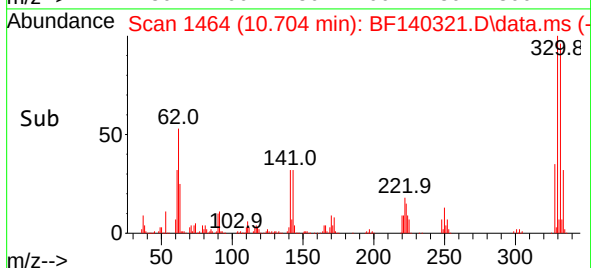
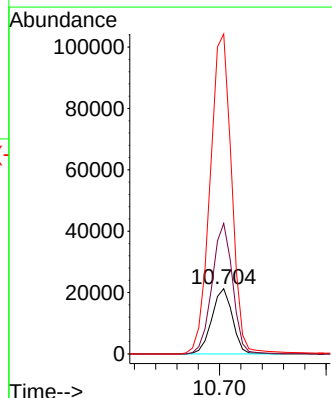
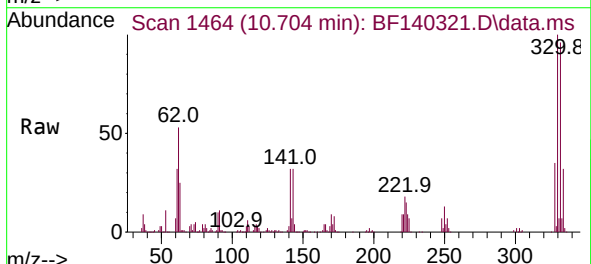
Instrument :
BNA_F
ClientSampleId :
PB164848BL

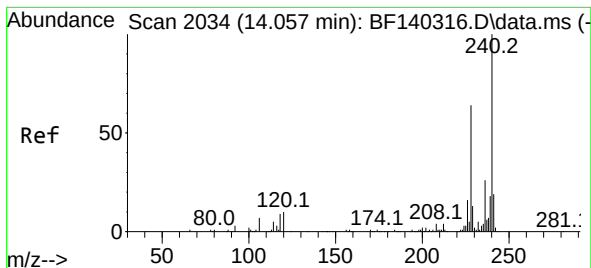
Tgt Ion:188 Resp: 564605
Ion Ratio Lower Upper
188 100
94 9.7 7.4 11.2
80 10.3 8.0 12.0



#67
4-Bromophenyl-phenylether
Concen: 5.058 ng
RT: 10.704 min Scan# 1464
Delta R.T. -0.241 min
Lab File: BF140321.D
Acq: 11 Nov 2024 17:01

Tgt Ion:248 Resp: 28612
Ion Ratio Lower Upper
248 100
250 200.0 79.1 118.7#
141 490.3 63.5 95.3#

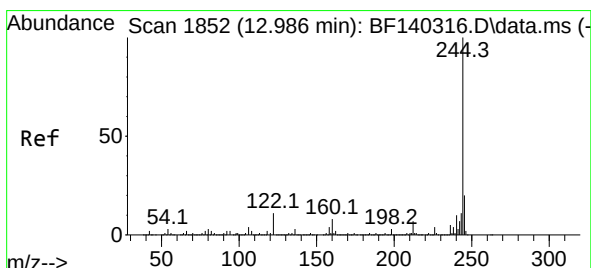
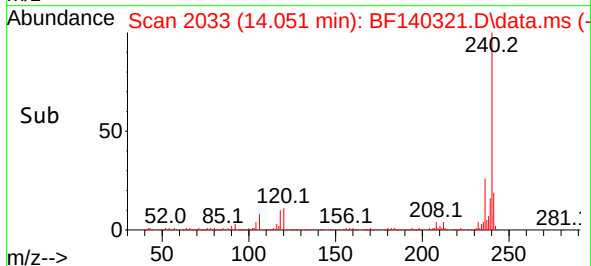
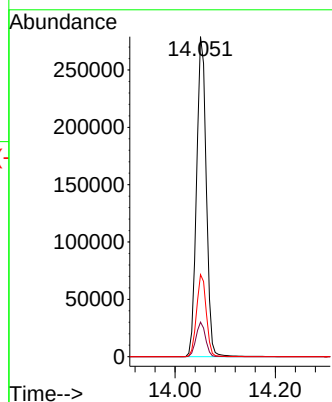
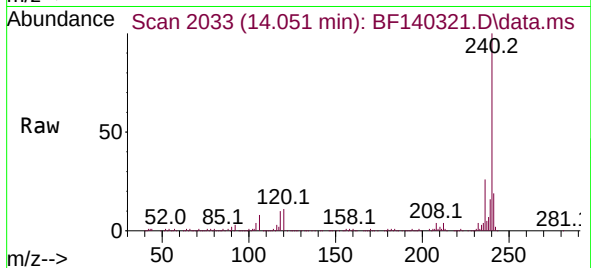




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2033
Delta R.T. -0.006 min
Lab File: BF140321.D
Acq: 11 Nov 2024 17:01

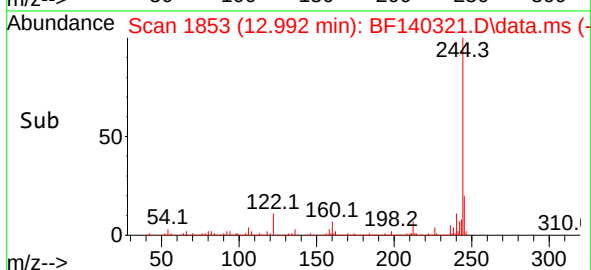
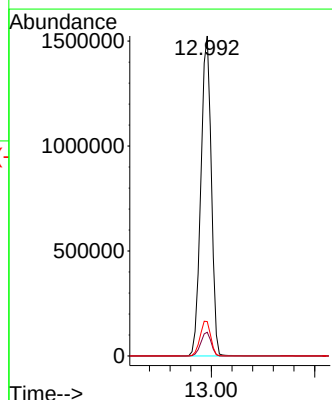
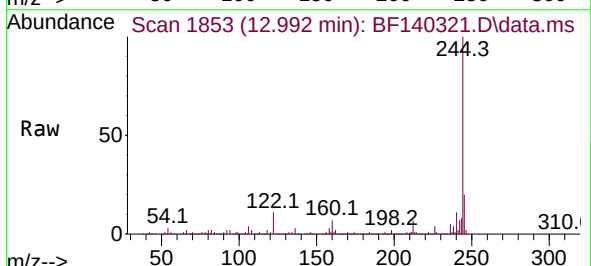
Instrument :
BNA_F
ClientSampleId :
PB164848BL

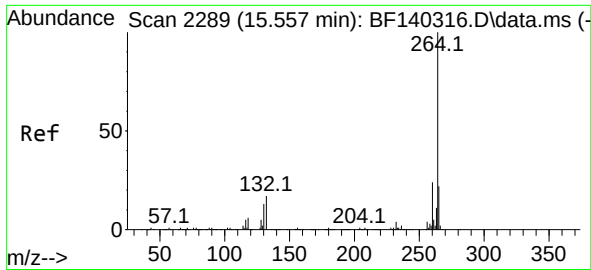
Tgt Ion:240 Resp: 373526
Ion Ratio Lower Upper
240 100
120 10.8 8.2 12.4
236 25.7 20.9 31.3



#79
Terphenyl-d14
Concen: 97.717 ng
RT: 12.992 min Scan# 1853
Delta R.T. 0.006 min
Lab File: BF140321.D
Acq: 11 Nov 2024 17:01

Tgt Ion:244 Resp: 2128598
Ion Ratio Lower Upper
244 100
212 7.4 6.0 9.0
122 10.8 9.0 13.4





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.562 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF140321.D

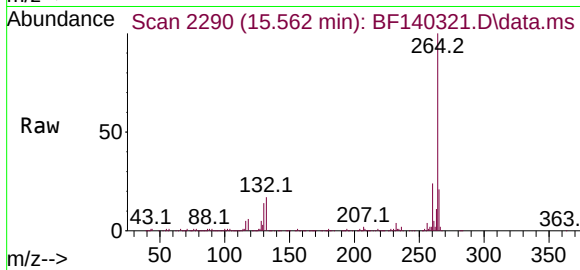
Acq: 11 Nov 2024 17:01

Instrument :

BNA_F

ClientSampleId :

PB164848BL



Tgt Ion:264 Resp: 289009

Ion Ratio Lower Upper

264 100

260 23.6 19.6 29.4

265 21.1 17.6 26.4

