

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121824\
 Data File : BF140901.D
 Acq On : 18 Dec 2024 13:12
 Operator : RC/JU
 Sample : PB165682BL
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB165682BL

Quant Time: Dec 18 13:52:46 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121624.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 16 16:59:50 2024
 Response via : Initial Calibration

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

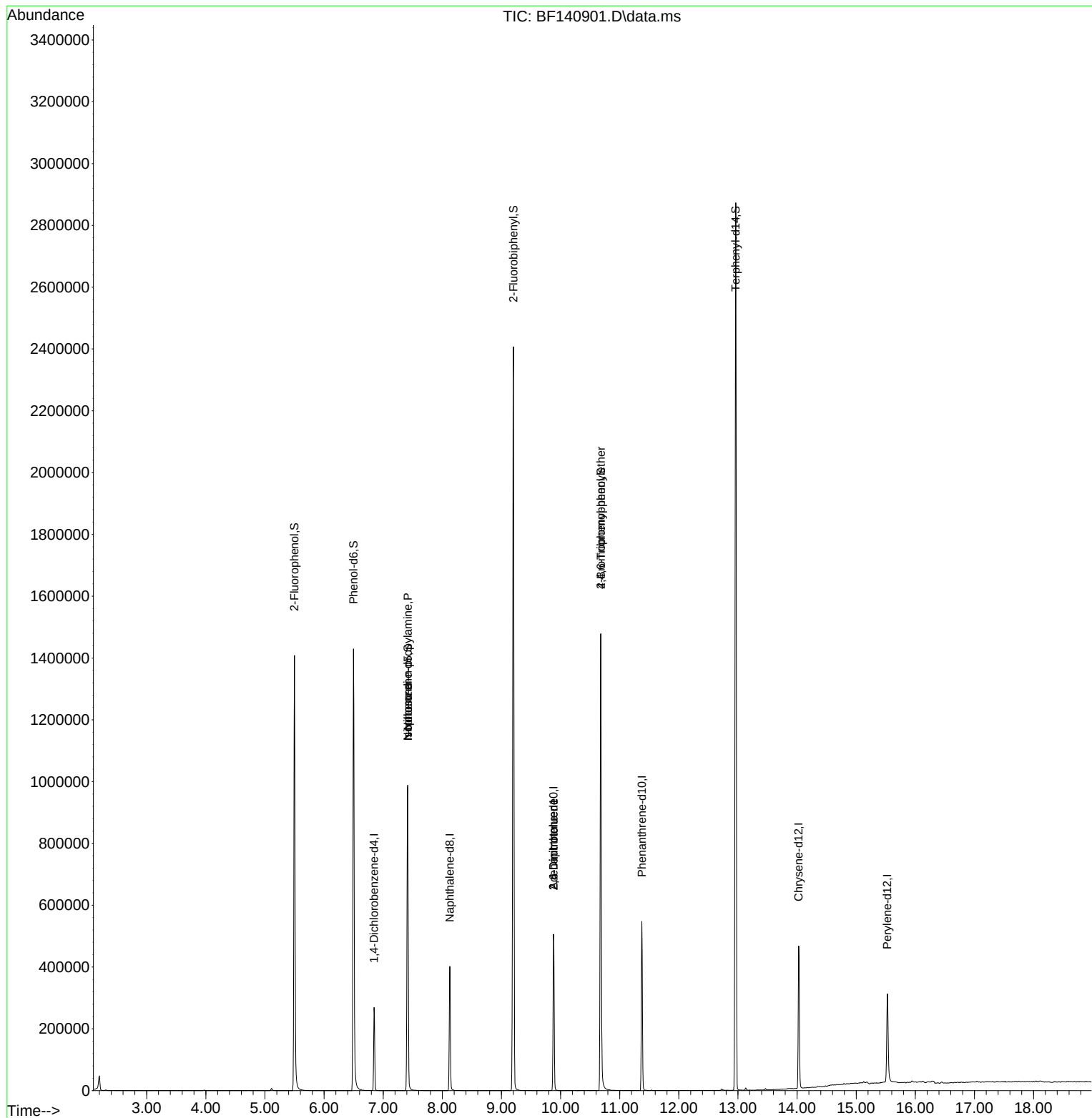
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	57419	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	271902	20.000	ng	0.00
39) Acenaphthene-d10	9.880	164	163491	20.000	ng	0.00
64) Phenanthrene-d10	11.374	188	302090	20.000	ng	0.00
76) Chrysene-d12	14.027	240	235033	20.000	ng	0.00
86) Perylene-d12	15.527	264	191250	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	556055	159.419	ng	0.01
7) Phenol-d6	6.498	99	727466	157.464	ng	0.00
23) Nitrobenzene-d5	7.416	82	504528	92.835	ng	0.00
42) 2,4,6-Tribromophenol	10.680	330	284578	147.173	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	1180754	99.294	ng	0.00
79) Terphenyl-d14	12.963	244	1488595	99.872	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.416	70	67393	24.319	ng	# 76
25) Isophorone	7.416	82	499049	54.804	ng	# 65
51) 2,6-Dinitrotoluene	9.880	165	20997	7.968	ng	# 21
57) 2,4-Dinitrotoluene	9.880	165	20997	6.056	ng	# 16
67) 4-Bromophenyl-phenylether	10.680	248	17894	5.295	ng	# 1

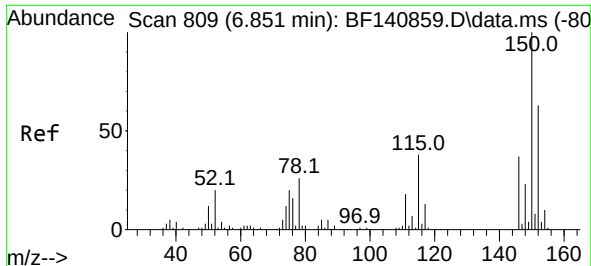
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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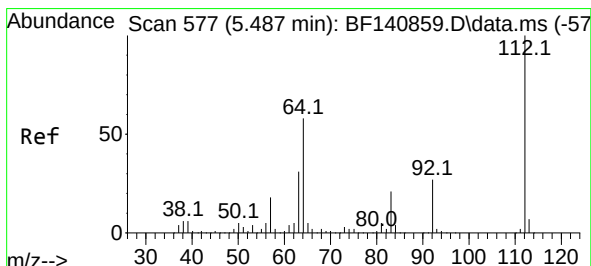
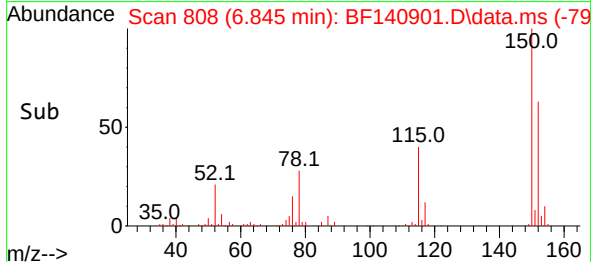
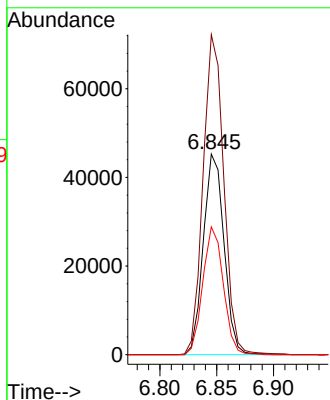
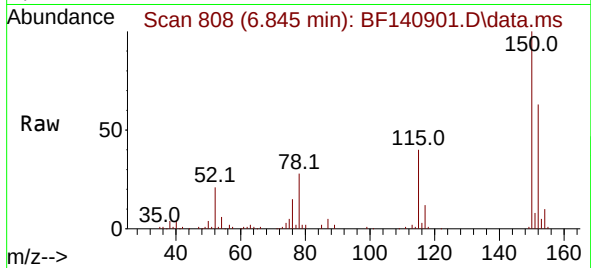




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.845 min Scan# 809
Delta R.T. -0.006 min
Lab File: BF140901.D
Acq: 18 Dec 2024 13:12

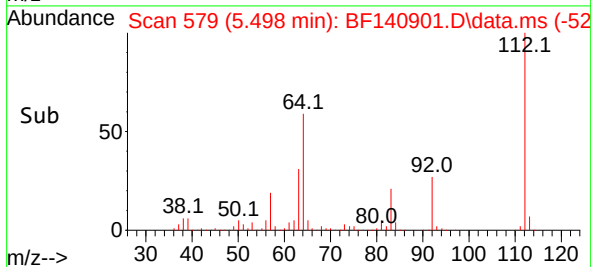
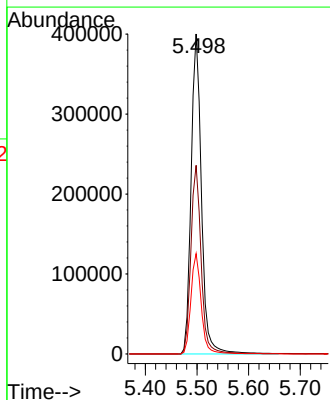
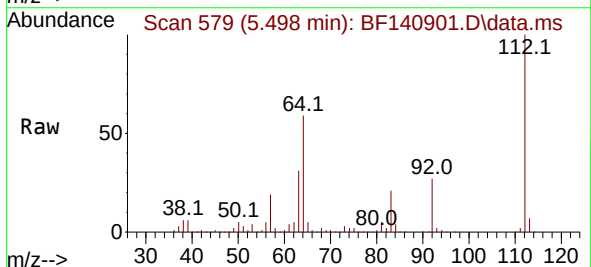
Instrument :
BNA_F
ClientSampleId :
PB165682BL

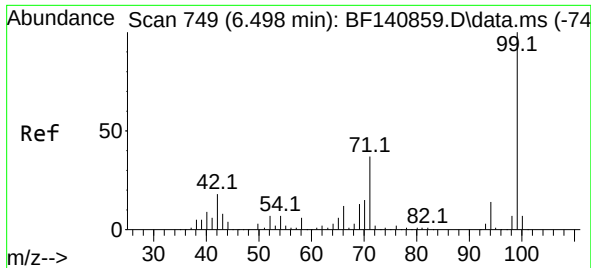
Tgt Ion:152 Resp: 57419
Ion Ratio Lower Upper
152 100
150 159.5 127.9 191.9
115 63.7 48.0 72.0



#5
2-Fluorophenol
Concen: 159.419 ng
RT: 5.498 min Scan# 579
Delta R.T. 0.012 min
Lab File: BF140901.D
Acq: 18 Dec 2024 13:12

Tgt Ion:112 Resp: 556055
Ion Ratio Lower Upper
112 100
64 58.9 46.1 69.1
63 31.3 24.9 37.3

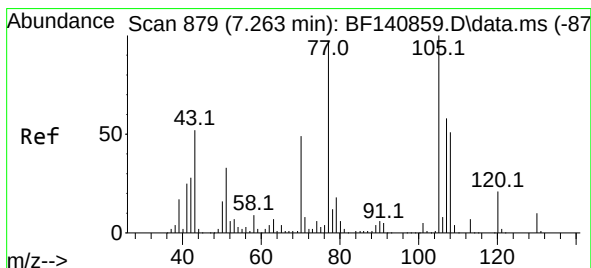
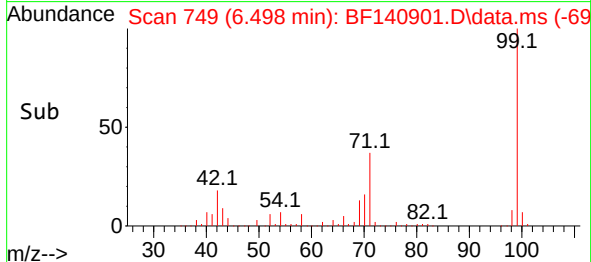
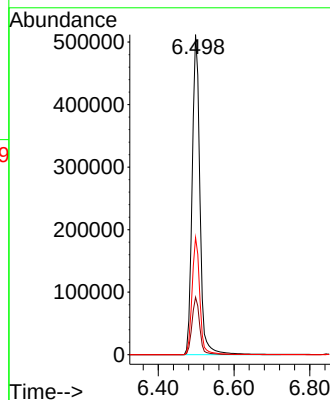
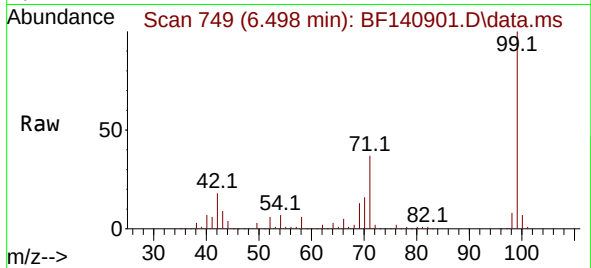




#7
Phenol-d6
Concen: 157.464 ng
RT: 6.498 min Scan# 74
Delta R.T. -0.000 min
Lab File: BF140901.D
Acq: 18 Dec 2024 13:12

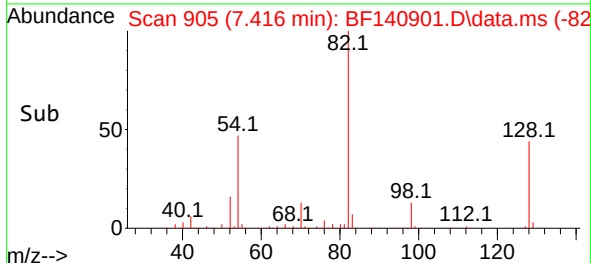
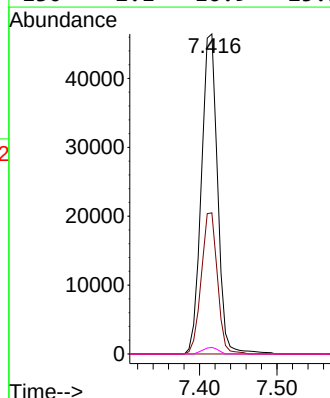
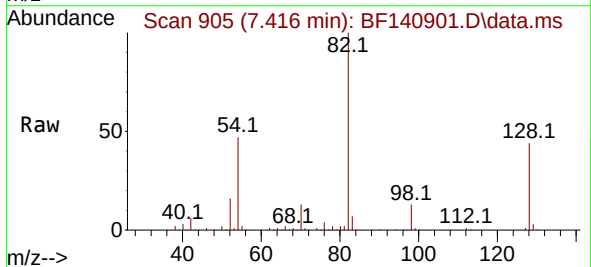
Instrument :
BNA_F
ClientSampleId :
PB165682BL

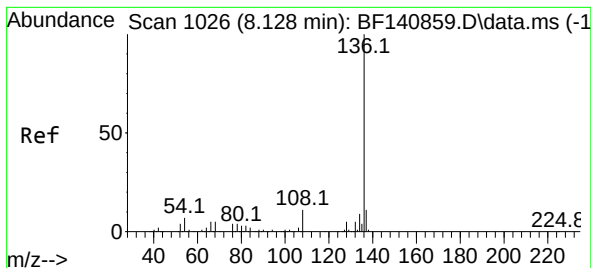
Tgt Ion: 99 Resp: 727466
Ion Ratio Lower Upper
99 100
42 18.0 14.3 21.5
71 36.6 29.9 44.9



#19
n-Nitroso-di-n-propylamine
Concen: 24.319 ng
RT: 7.416 min Scan# 905
Delta R.T. 0.153 min
Lab File: BF140901.D
Acq: 18 Dec 2024 13:12

Tgt Ion: 70 Resp: 67393
Ion Ratio Lower Upper
70 100
42 44.1 45.3 67.9#
101 0.0 8.0 12.0#
130 2.1 16.9 25.3#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.128 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF140901.D

Acq: 18 Dec 2024 13:12

Instrument :

BNA_F

ClientSampleId :

PB165682BL

Tgt Ion:136 Resp: 271902

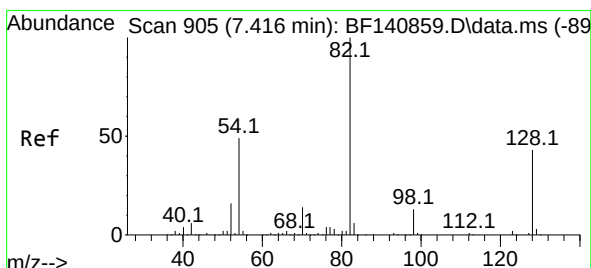
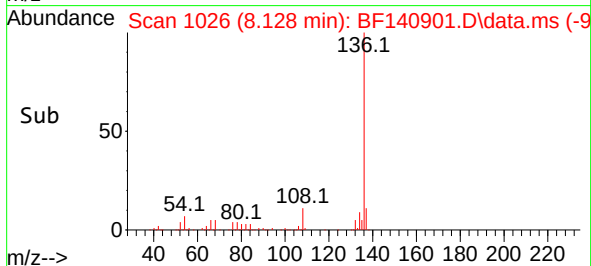
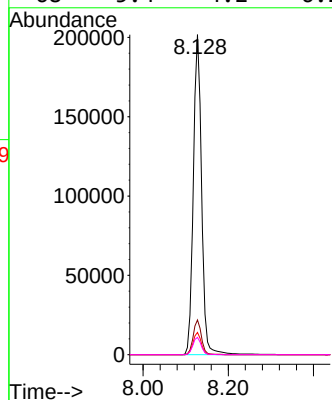
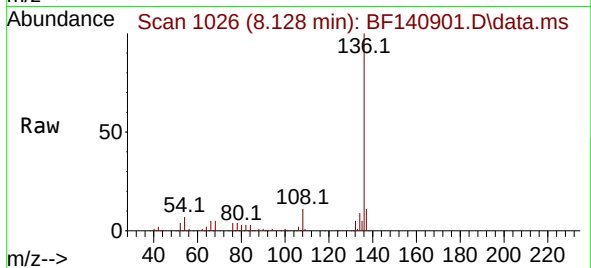
Ion Ratio Lower Upper

136 100

137 10.8 9.0 13.4

54 6.9 5.6 8.4

68 5.4 4.2 6.2



#23

Nitrobenzene-d5

Concen: 92.835 ng

RT: 7.416 min Scan# 905

Delta R.T. -0.000 min

Lab File: BF140901.D

Acq: 18 Dec 2024 13:12

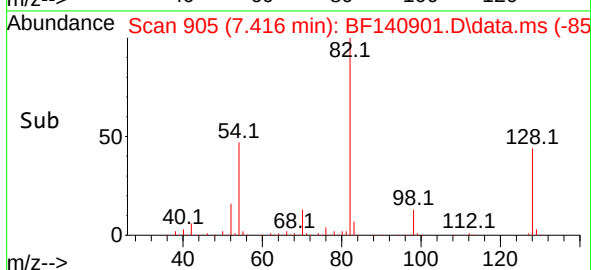
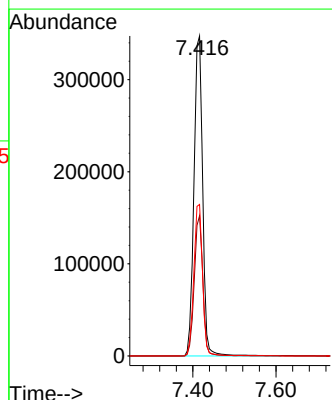
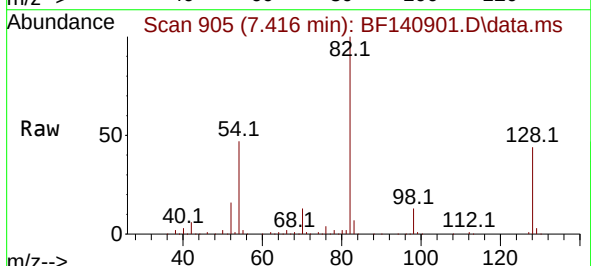
Tgt Ion: 82 Resp: 504528

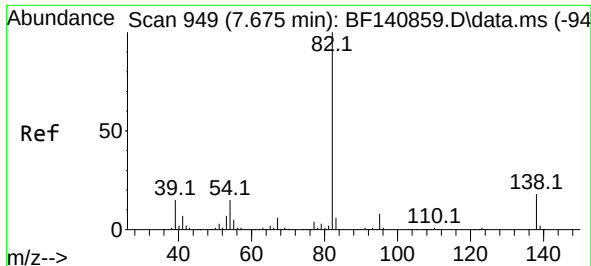
Ion Ratio Lower Upper

82 100

128 43.8 34.4 51.6

54 47.3 38.8 58.2

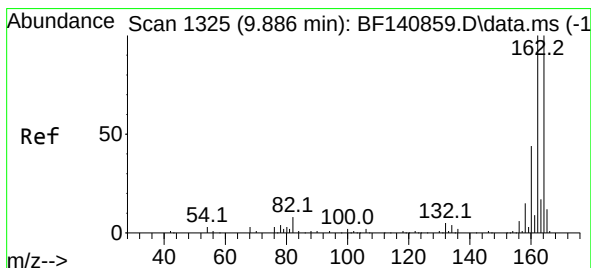
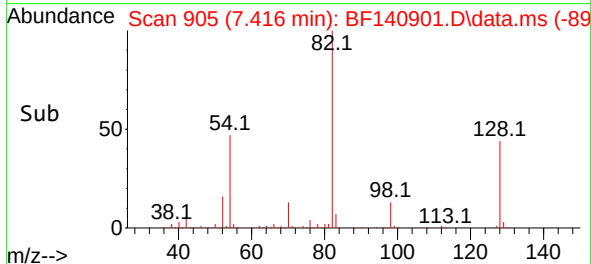
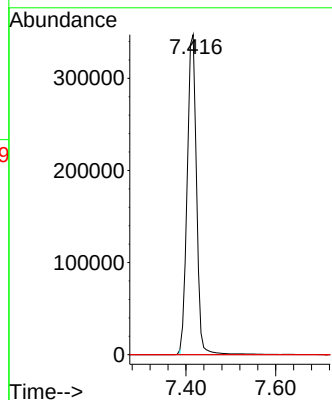
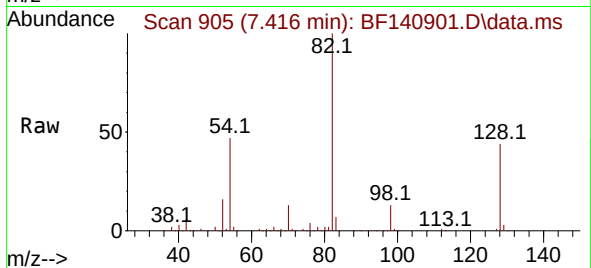




#25
Isophorone
Concen: 54.804 ng
RT: 7.416 min Scan# 905
Delta R.T. -0.259 min
Lab File: BF140901.D
Acq: 18 Dec 2024 13:12

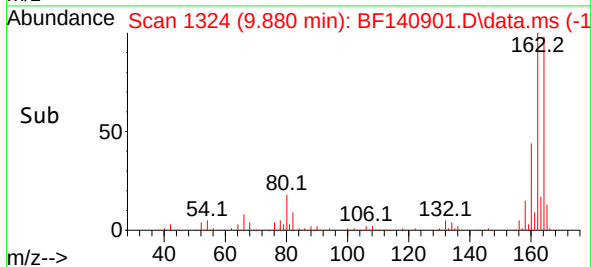
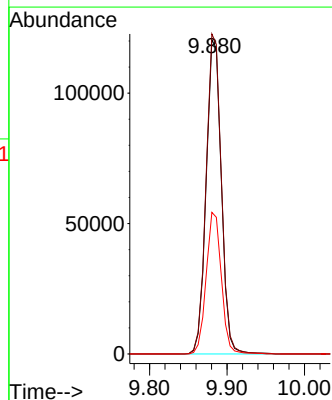
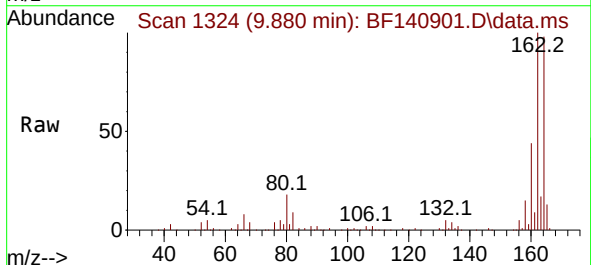
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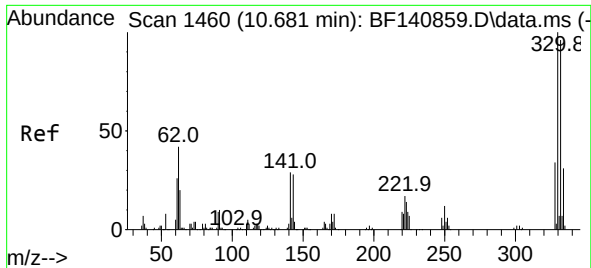
Tgt Ion: 82 Resp: 499049
Ion Ratio Lower Upper
82 100
95 0.0 6.3 9.5#
138 0.0 14.1 21.1#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.880 min Scan# 1324
Delta R.T. -0.006 min
Lab File: BF140901.D
Acq: 18 Dec 2024 13:12

Tgt Ion:164 Resp: 163491
Ion Ratio Lower Upper
164 100
162 102.0 79.9 119.9
160 45.1 35.2 52.8

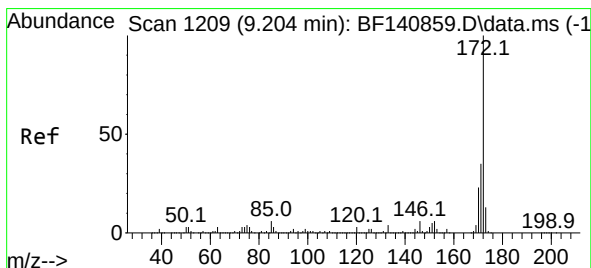
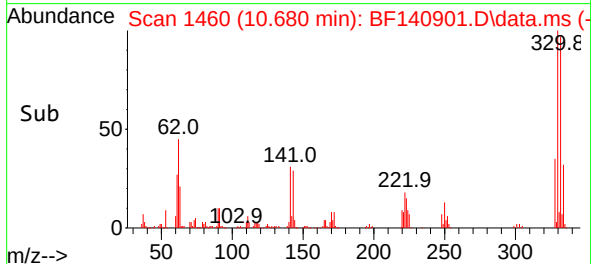
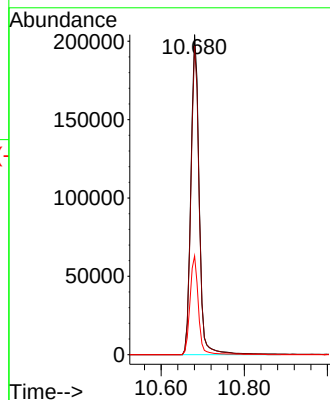
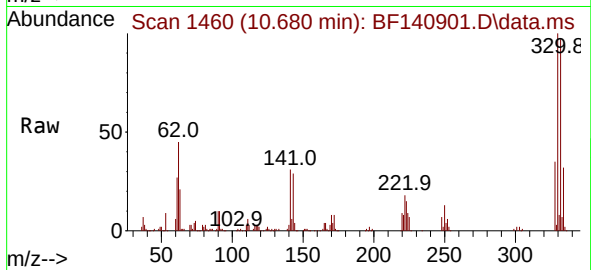




#42
2,4,6-Tribromophenol
Concen: 147.173 ng
RT: 10.680 min Scan# 1460
Delta R.T. -0.000 min
Lab File: BF140901.D
Acq: 18 Dec 2024 13:12

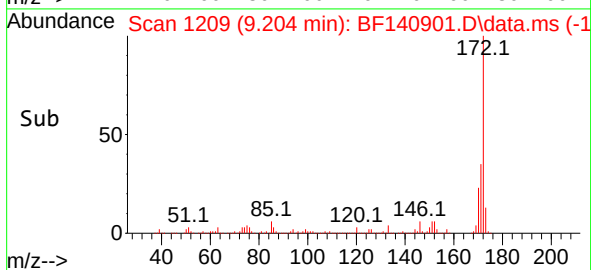
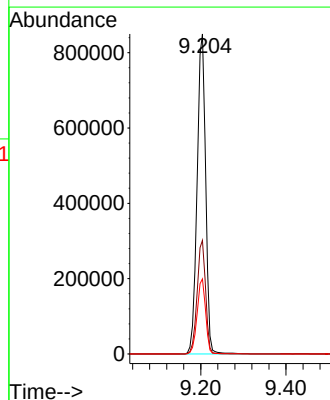
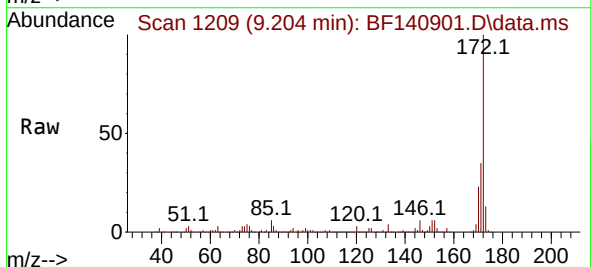
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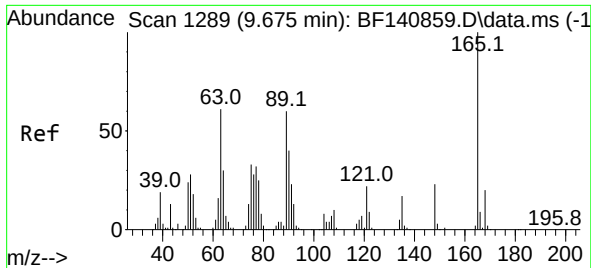
Tgt Ion:330 Resp: 284578
Ion Ratio Lower Upper
330 100
332 95.7 76.2 114.4
141 31.2 24.9 37.3



#45
2-Fluorobiphenyl
Concen: 99.294 ng
RT: 9.204 min Scan# 1209
Delta R.T. -0.000 min
Lab File: BF140901.D
Acq: 18 Dec 2024 13:12

Tgt Ion:172 Resp: 1180754
Ion Ratio Lower Upper
172 100
171 35.5 28.4 42.6
170 23.4 18.6 28.0

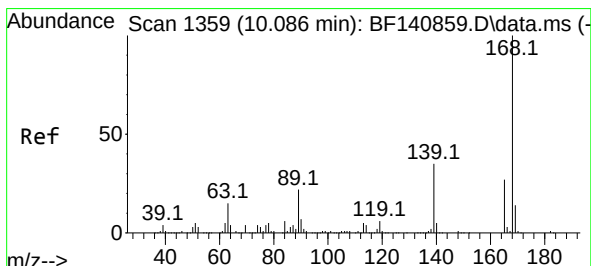
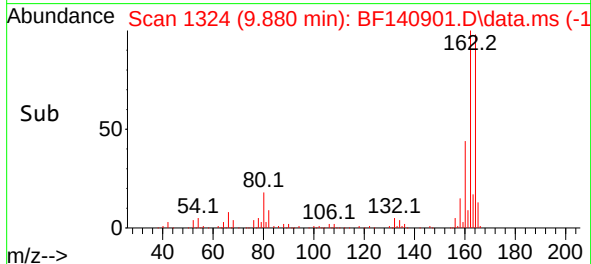
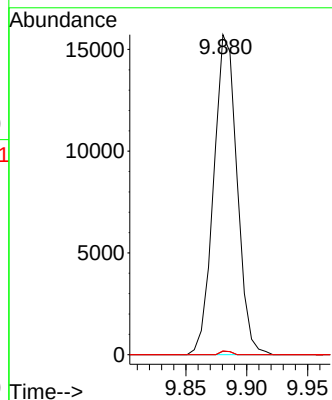
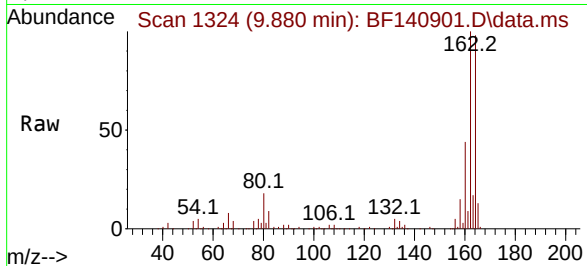




#51
2,6-Dinitrotoluene
Concen: 7.968 ng
RT: 9.880 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF140901.D
Acq: 18 Dec 2024 13:12

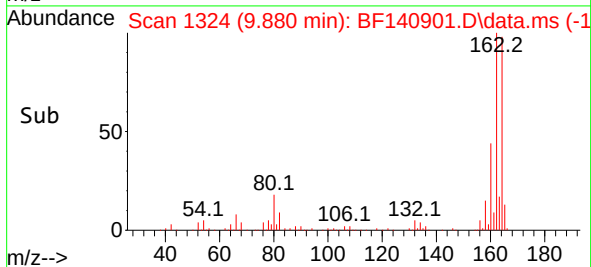
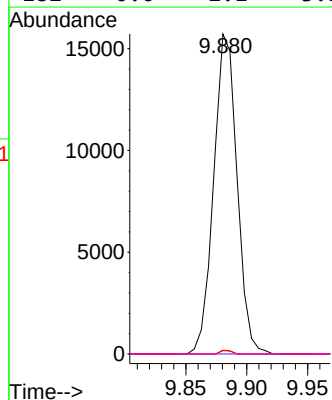
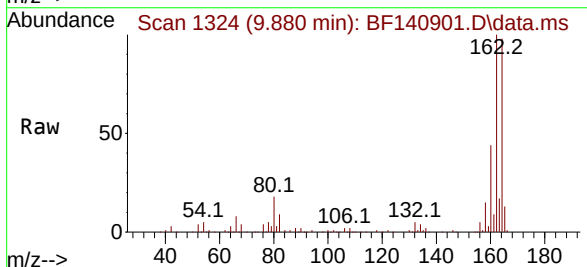
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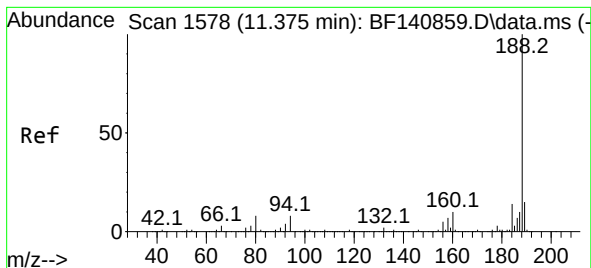
Tgt Ion:165 Resp: 20997
Ion Ratio Lower Upper
165 100
63 1.1 49.7 74.5#
89 1.2 48.2 72.4#



#57
2,4-Dinitrotoluene
Concen: 6.056 ng
RT: 9.880 min Scan# 1324
Delta R.T. -0.206 min
Lab File: BF140901.D
Acq: 18 Dec 2024 13:12

Tgt Ion:165 Resp: 20997
Ion Ratio Lower Upper
165 100
63 1.1 49.3 73.9#
89 1.2 66.2 99.4#
182 0.0 2.1 3.1#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.374 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF140901.D

Acq: 18 Dec 2024 13:12

Instrument :

BNA_F

ClientSampleId :

PB165682BL

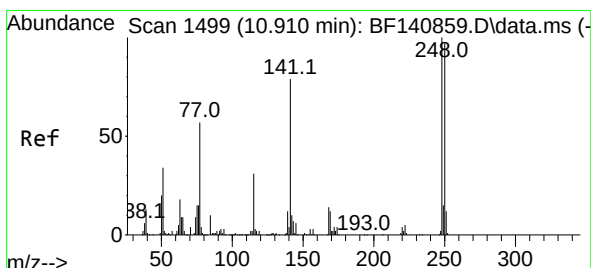
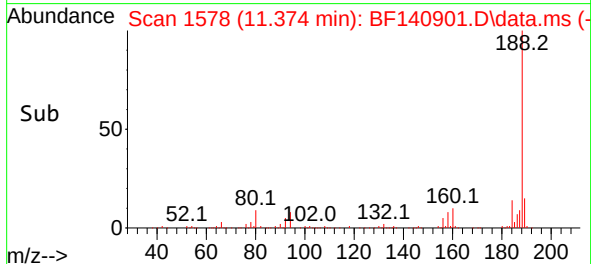
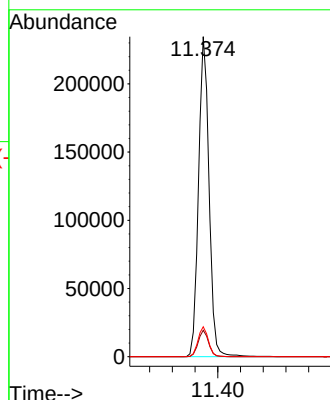
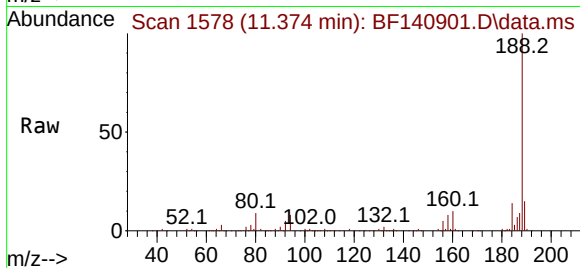
Tgt Ion:188 Resp: 302090

Ion Ratio Lower Upper

188 100

94 8.2 6.4 9.6

80 9.3 6.8 10.2



#67

4-Bromophenyl-phenylether

Concen: 5.295 ng

RT: 10.680 min Scan# 1460

Delta R.T. -0.230 min

Lab File: BF140901.D

Acq: 18 Dec 2024 13:12

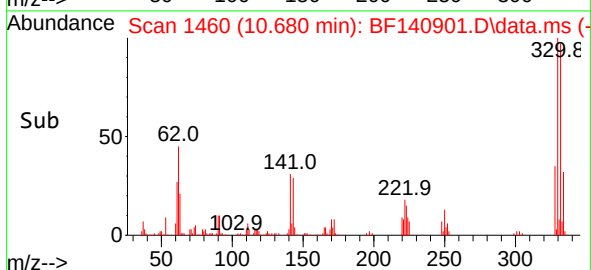
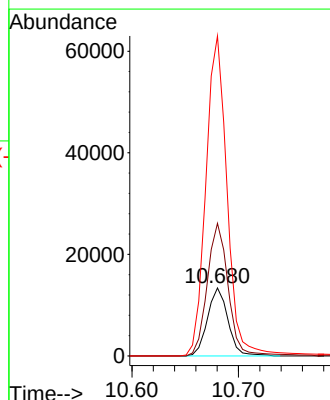
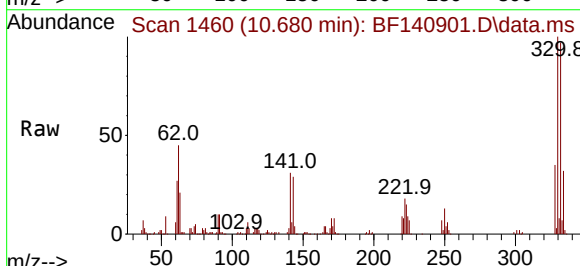
Tgt Ion:248 Resp: 17894

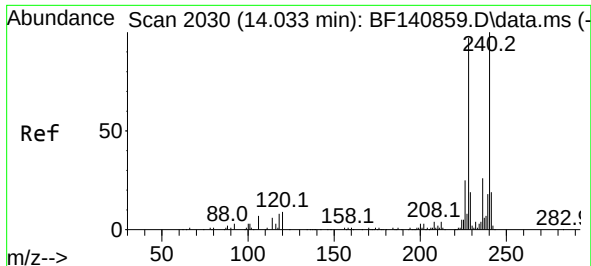
Ion Ratio Lower Upper

248 100

250 194.9 77.4 116.2#

141 470.2 62.9 94.3#

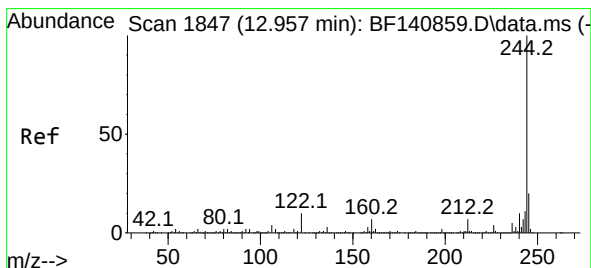
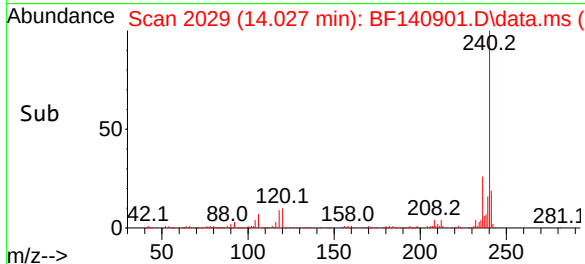
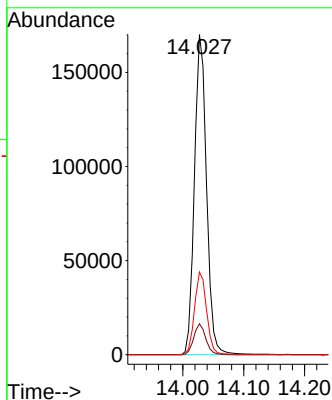
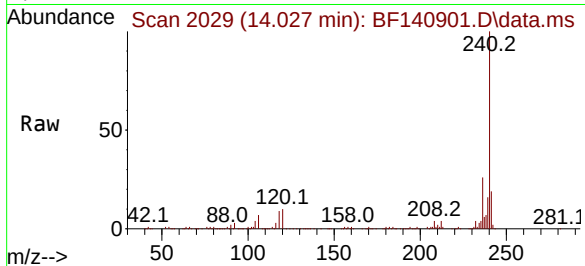




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.027 min Scan# 2030
Delta R.T. -0.006 min
Lab File: BF140901.D
Acq: 18 Dec 2024 13:12

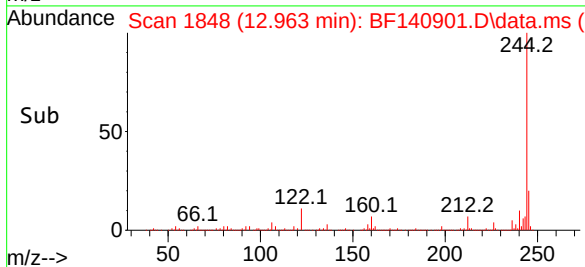
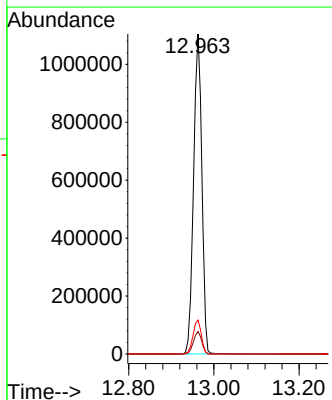
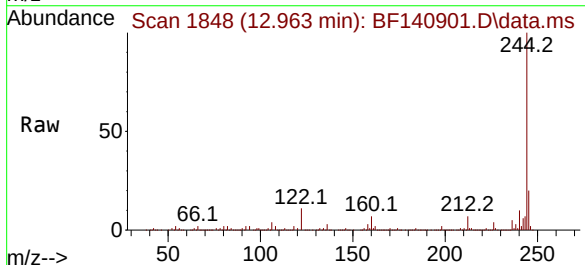
Instrument :
BNA_F
ClientSampleId :
PB165682BL

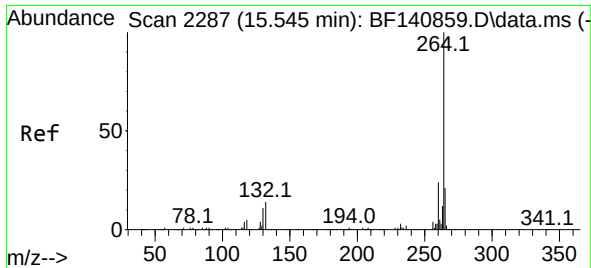
Tgt Ion:240 Resp: 235033
Ion Ratio Lower Upper
240 100
120 9.6 7.6 11.4
236 25.8 20.5 30.7



#79
Terphenyl-d14
Concen: 99.872 ng
RT: 12.963 min Scan# 1848
Delta R.T. 0.006 min
Lab File: BF140901.D
Acq: 18 Dec 2024 13:12

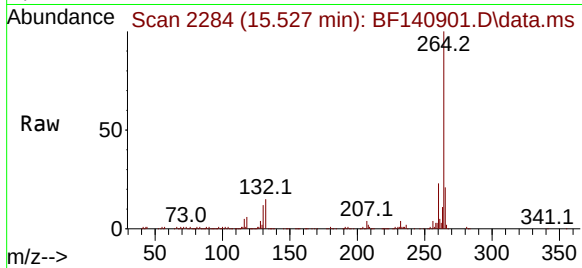
Tgt Ion:244 Resp: 1488595
Ion Ratio Lower Upper
244 100
212 7.0 5.6 8.4
122 10.6 8.2 12.2





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.527 min Scan# 21
Delta R.T. -0.018 min
Lab File: BF140901.D
Acq: 18 Dec 2024 13:12

Instrument :
BNA_F
ClientSampleId :
PB165682BL



Tgt Ion:264 Resp: 191250

Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.1	28.7
265	21.2	17.0	25.4

