

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102424\
 Data File : BF139995.D
 Acq On : 24 Oct 2024 12:17
 Operator : RC/JU
 Sample : PB164301TB
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB164301TB

Quant Time: Oct 24 13:01:15 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 18 15:07:50 2024
 Response via : Initial Calibration

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

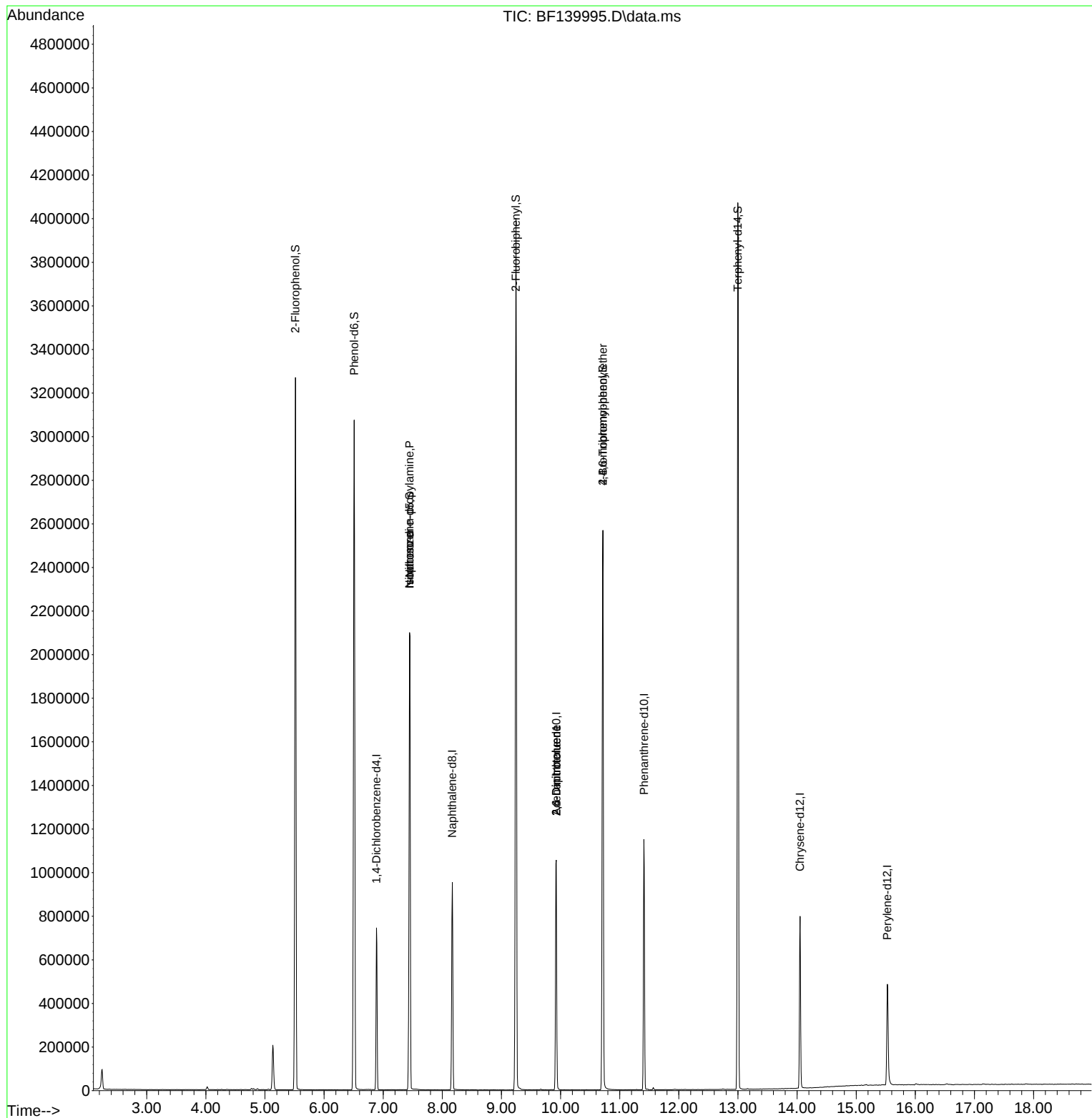
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.886	152	150783	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	595039	20.000	ng	0.00
39) Acenaphthene-d10	9.927	164	333938	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	606007	20.000	ng	0.00
76) Chrysene-d12	14.051	240	376899	20.000	ng	0.00
86) Perylene-d12	15.527	264	307486	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	1294401	134.390	ng	0.02
7) Phenol-d6	6.510	99	1614427	129.417	ng	0.00
23) Nitrobenzene-d5	7.445	82	1056450	98.401	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	504219	161.425	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1915478	94.799	ng	0.00
79) Terphenyl-d14	12.998	244	2161585	93.454	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.445	70	142403	18.822	ng	# 76
25) Isophorone	7.445	82	1051081	51.581	ng	# 67
51) 2,6-Dinitrotoluene	9.927	165	42855	9.516	ng	# 21
57) 2,4-Dinitrotoluene	9.927	165	42855	7.738	ng	# 21
67) 4-Bromophenyl-phenylether	10.716	248	31563	5.056	ng	# 1

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

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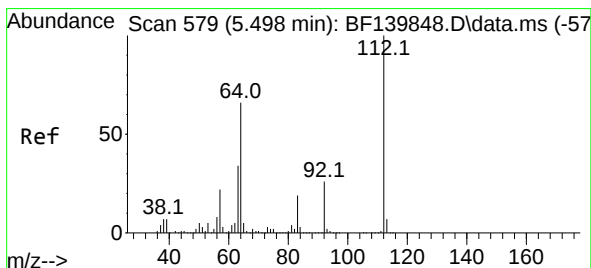
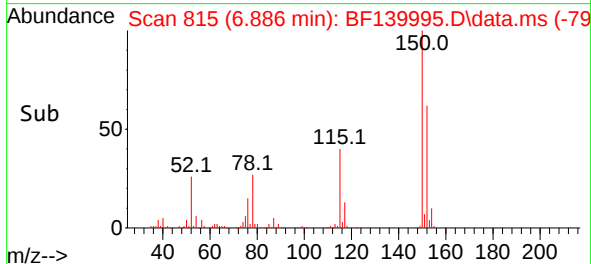
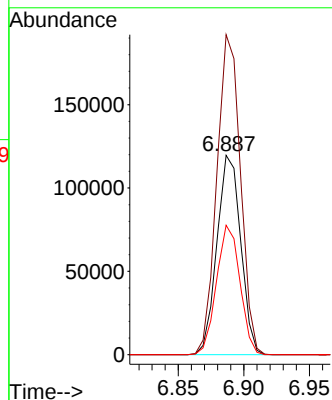
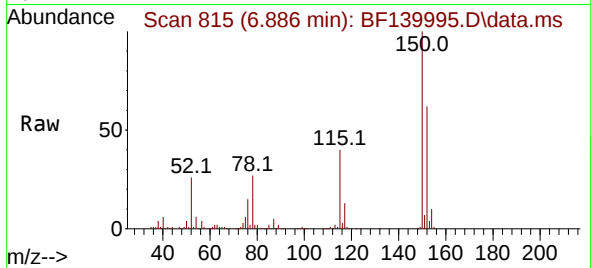




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.886 min Scan# 816
Delta R.T. -0.006 min
Lab File: BF139995.D
Acq: 24 Oct 2024 12:17

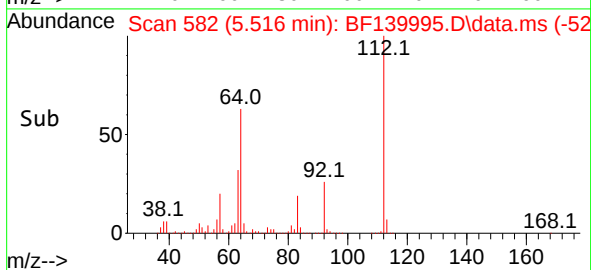
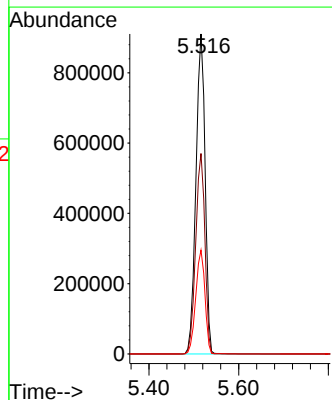
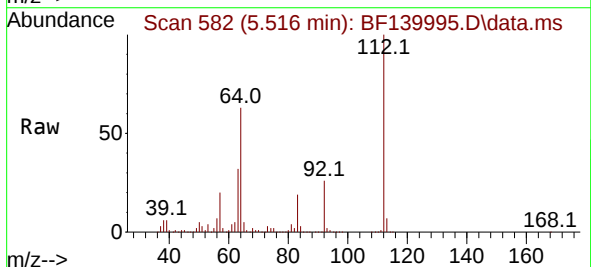
Instrument :
BNA_F
ClientSampleId :
PB164301TB

Tgt Ion:152 Resp: 150783
Ion Ratio Lower Upper
152 100
150 160.5 130.2 195.2
115 64.9 51.4 77.2



#5
2-Fluorophenol
Concen: 134.390 ng
RT: 5.516 min Scan# 582
Delta R.T. 0.018 min
Lab File: BF139995.D
Acq: 24 Oct 2024 12:17

Tgt Ion:112 Resp: 1294401
Ion Ratio Lower Upper
112 100
64 62.7 53.0 79.6
63 32.5 27.0 40.4





#7
Phenol-d6
Concen: 129.417 ng
RT: 6.510 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF139995.D
Acq: 24 Oct 2024 12:17

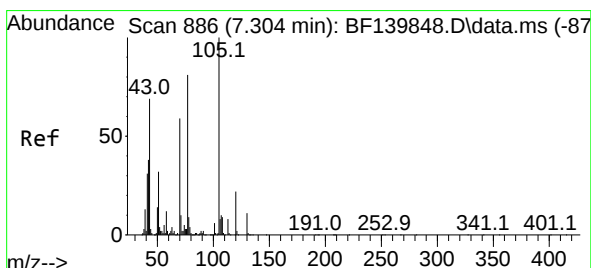
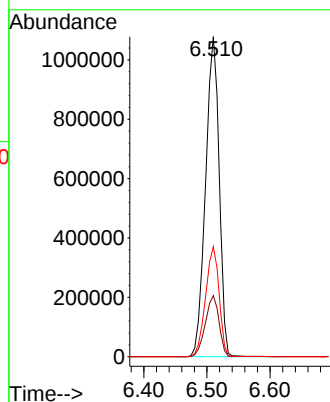
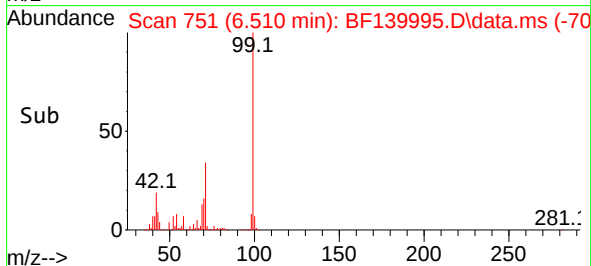
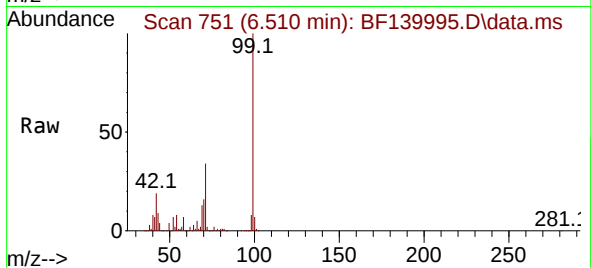
Instrument :

BNA_F

ClientSampleId :

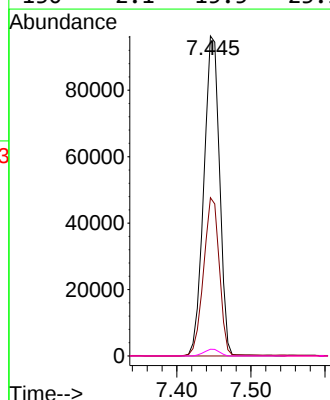
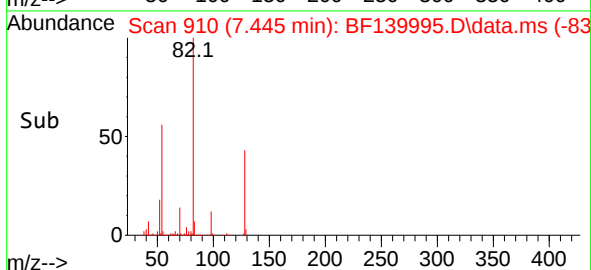
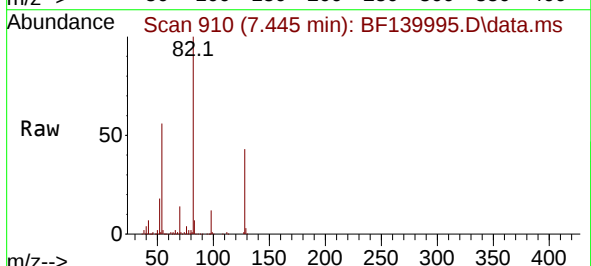
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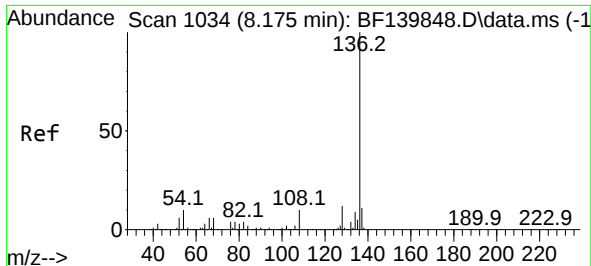
Tgt Ion: 99 Resp: 1614427
Ion Ratio Lower Upper
99 100
42 19.1 16.7 25.1
71 34.4 27.7 41.5



#19
n-Nitroso-di-n-propylamine
Concen: 18.822 ng
RT: 7.445 min Scan# 910
Delta R.T. 0.141 min
Lab File: BF139995.D
Acq: 24 Oct 2024 12:17

Tgt Ion: 70 Resp: 142403
Ion Ratio Lower Upper
70 100
42 49.4 51.5 77.3#
101 0.0 7.5 11.3#
130 2.1 15.5 23.3#





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1033
Delta R.T. -0.006 min
Lab File: BF139995.D
Acq: 24 Oct 2024 12:17

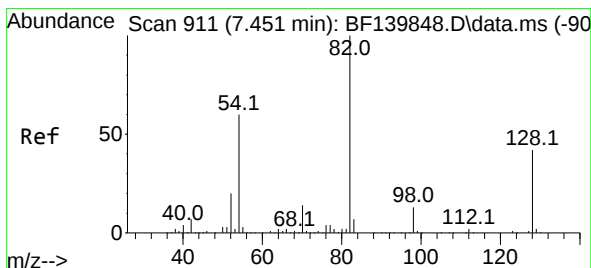
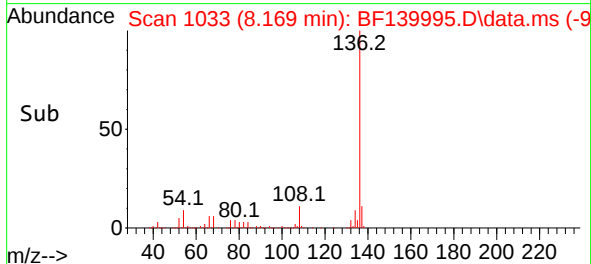
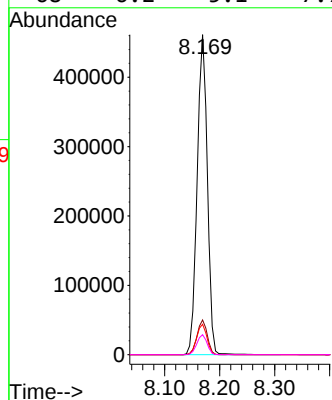
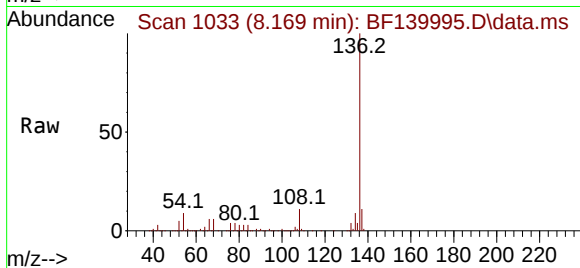
Instrument :

BNA_F

ClientSampleId :

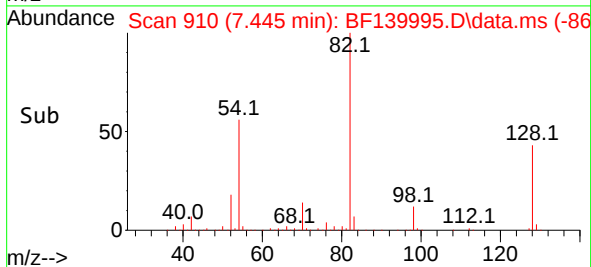
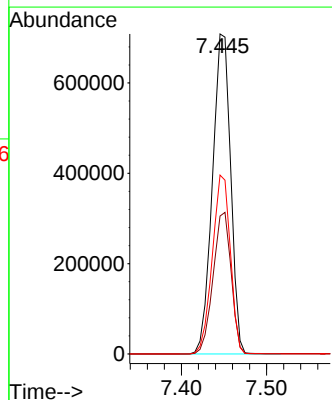
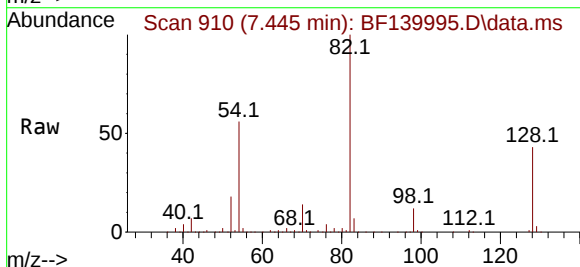
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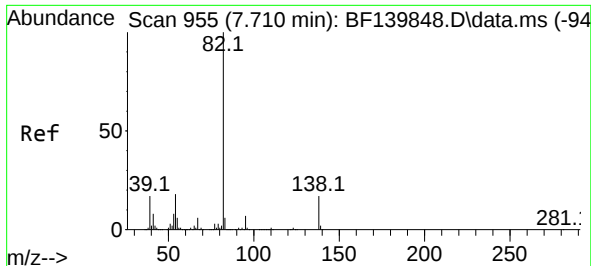
Tgt Ion:136 Resp: 595039
Ion Ratio Lower Upper
136 100
137 10.9 8.6 12.8
54 9.5 8.4 12.6
68 6.2 5.1 7.7



#23
Nitrobenzene-d5
Concen: 98.401 ng
RT: 7.445 min Scan# 910
Delta R.T. -0.006 min
Lab File: BF139995.D
Acq: 24 Oct 2024 12:17

Tgt Ion: 82 Resp: 1056450
Ion Ratio Lower Upper
82 100
128 43.1 33.4 50.0
54 55.9 47.8 71.8

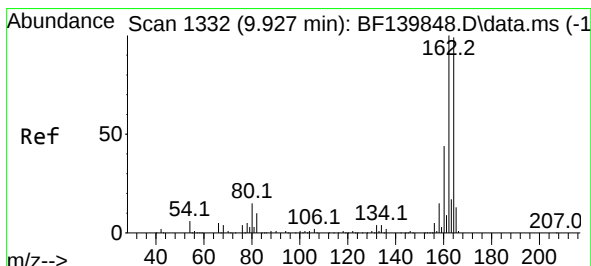
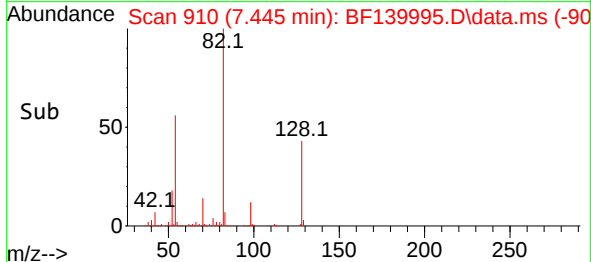
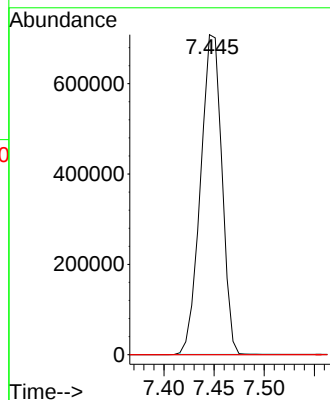
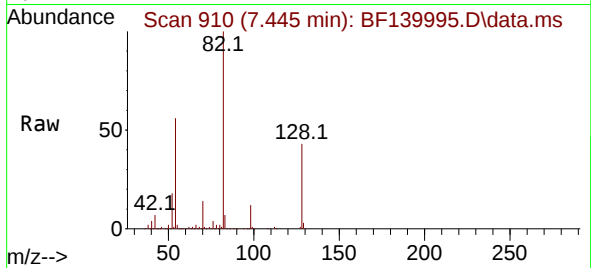




#25
Isophorone
Concen: 51.581 ng
RT: 7.445 min Scan# 910
Delta R.T. -0.265 min
Lab File: BF139995.D
Acq: 24 Oct 2024 12:17

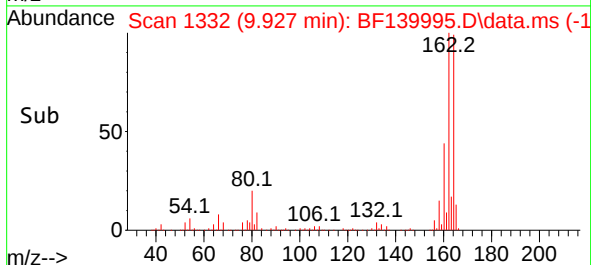
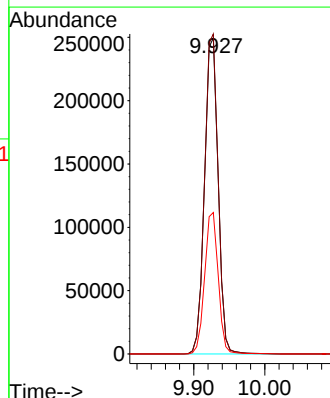
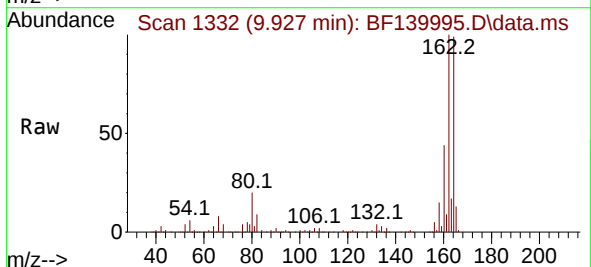
Instrument :
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ClientSampleId :
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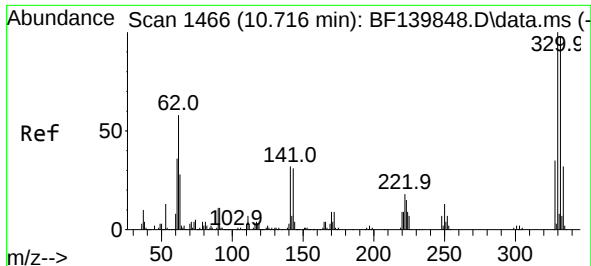
Tgt Ion: 82 Resp: 1051081
Ion Ratio Lower Upper
82 100
95 0.0 5.5 8.3#
138 0.0 13.2 19.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.927 min Scan# 1332
Delta R.T. 0.000 min
Lab File: BF139995.D
Acq: 24 Oct 2024 12:17

Tgt Ion:164 Resp: 333938
Ion Ratio Lower Upper
164 100
162 101.3 81.0 121.4
160 44.8 35.4 53.0

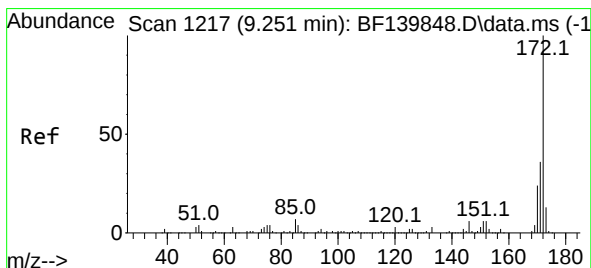
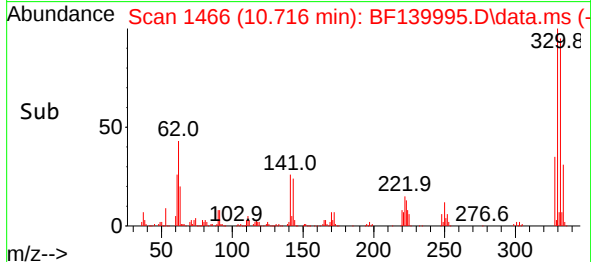
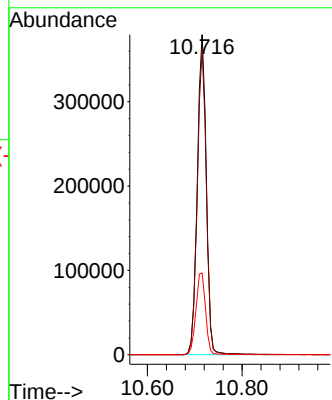
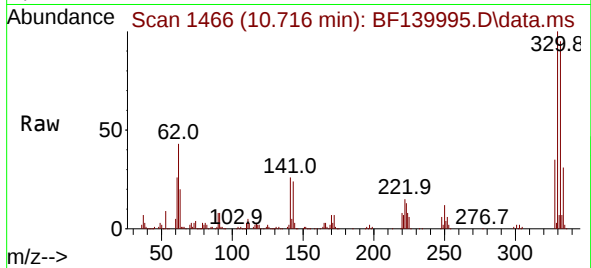




#42
2,4,6-Tribromophenol
Concen: 161.425 ng
RT: 10.716 min Scan# 1466
Delta R.T. 0.000 min
Lab File: BF139995.D
Acq: 24 Oct 2024 12:17

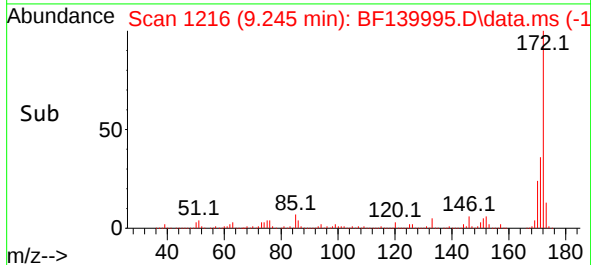
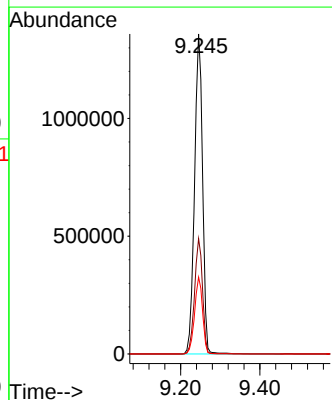
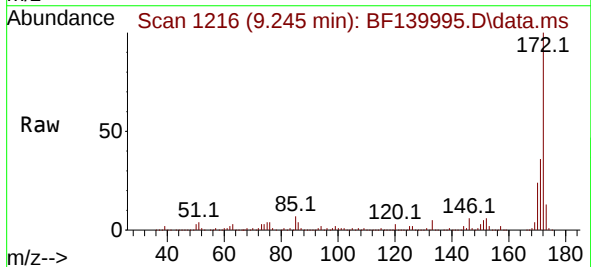
Instrument :
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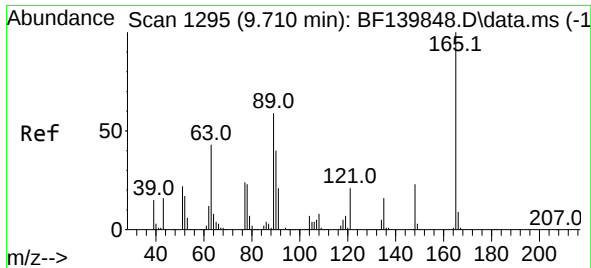
Tgt Ion: 330 Resp: 504219
Ion Ratio Lower Upper
330 100
332 95.6 78.1 117.1
141 27.3 26.6 39.8



#45
2-Fluorobiphenyl
Concen: 94.799 ng
RT: 9.245 min Scan# 1216
Delta R.T. -0.006 min
Lab File: BF139995.D
Acq: 24 Oct 2024 12:17

Tgt Ion: 172 Resp: 1915478
Ion Ratio Lower Upper
172 100
171 36.1 28.6 43.0
170 24.0 19.1 28.7

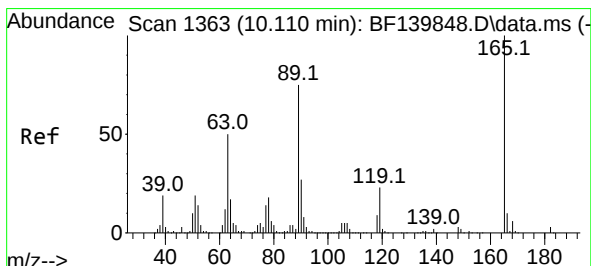
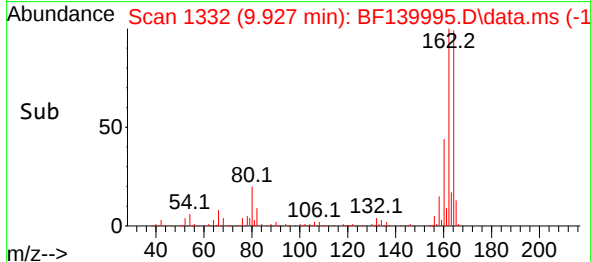
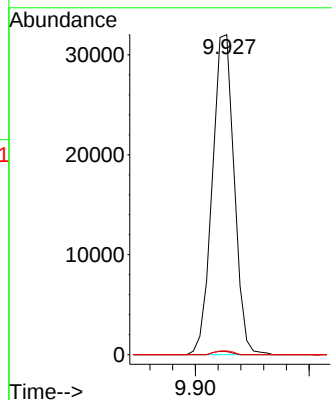
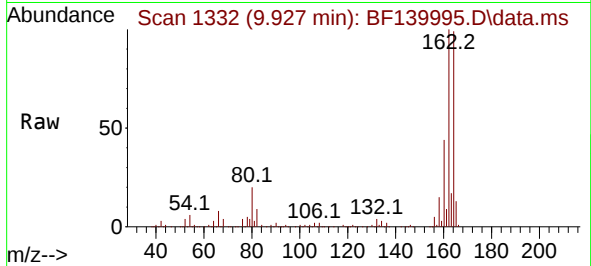




#51
2,6-Dinitrotoluene
Concen: 9.516 ng
RT: 9.927 min Scan# 11
Delta R.T. 0.218 min
Lab File: BF139995.D
Acq: 24 Oct 2024 12:17

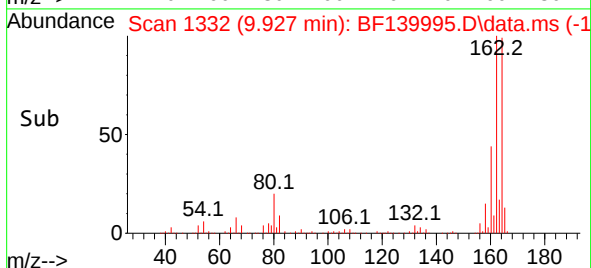
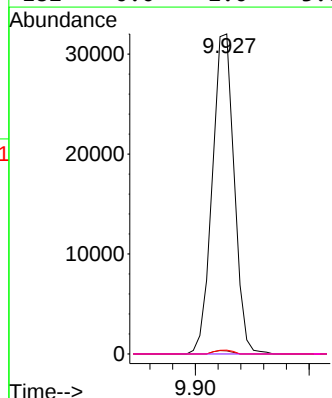
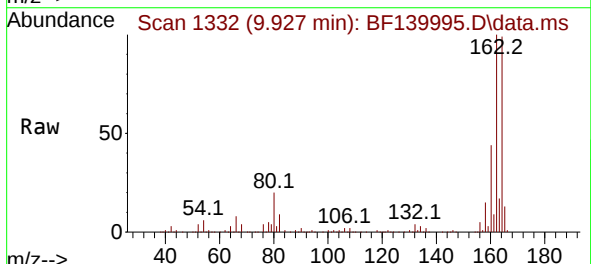
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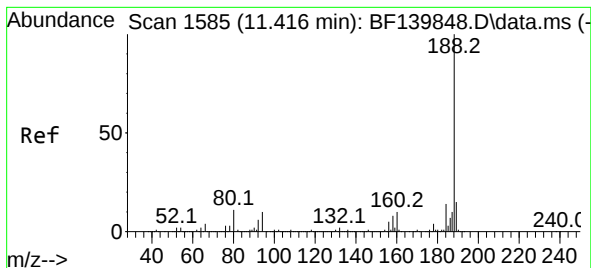
Tgt Ion:165 Resp: 42855
Ion Ratio Lower Upper
165 100
63 1.0 50.6 75.8#
89 1.2 47.5 71.3#



#57
2,4-Dinitrotoluene
Concen: 7.738 ng
RT: 9.927 min Scan# 1332
Delta R.T. -0.182 min
Lab File: BF139995.D
Acq: 24 Oct 2024 12:17

Tgt Ion:165 Resp: 42855
Ion Ratio Lower Upper
165 100
63 1.0 40.1 60.1#
89 1.2 60.4 90.6#
182 0.0 2.0 3.0#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.410 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF139995.D

Acq: 24 Oct 2024 12:17

Instrument :

BNA_F

ClientSampleId :

PB164301TB

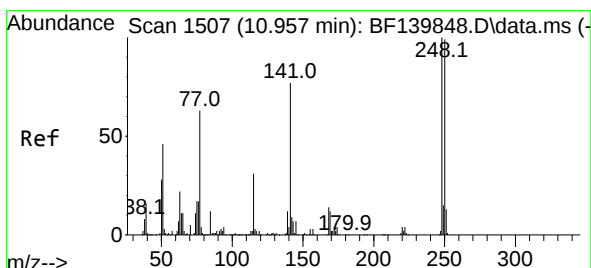
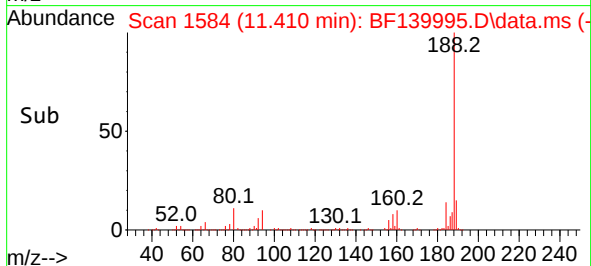
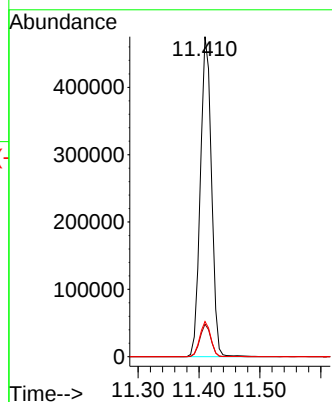
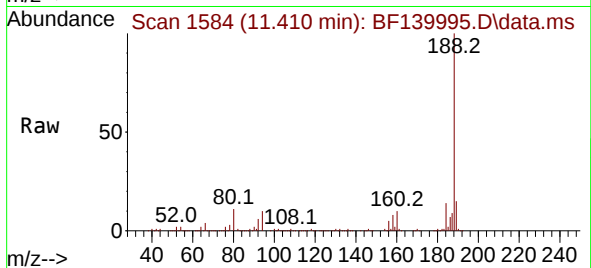
Tgt Ion:188 Resp: 606007

Ion Ratio Lower Upper

188 100

94 10.2 7.9 11.9

80 11.0 9.0 13.4



#67

4-Bromophenyl-phenylether

Concen: 5.056 ng

RT: 10.716 min Scan# 1466

Delta R.T. -0.241 min

Lab File: BF139995.D

Acq: 24 Oct 2024 12:17

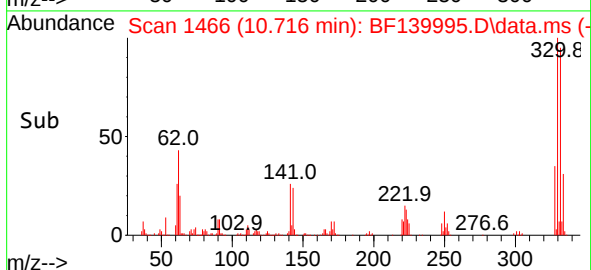
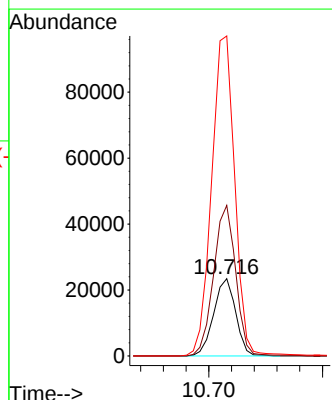
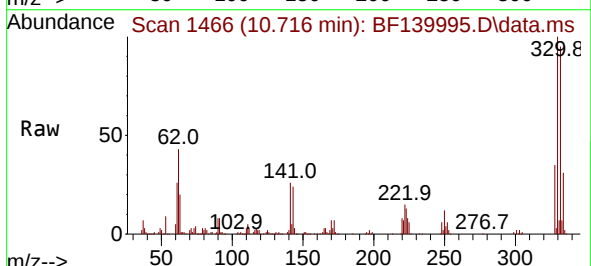
Tgt Ion:248 Resp: 31563

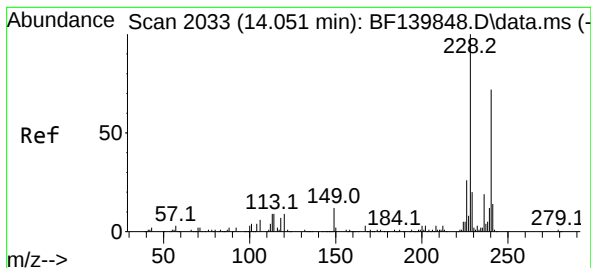
Ion Ratio Lower Upper

248 100

250 194.8 79.0 118.6#

141 413.9 61.7 92.5#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.051 min Scan# 2033

Delta R.T. 0.000 min

Lab File: BF139995.D

Acq: 24 Oct 2024 12:17

Instrument :

BNA_F

ClientSampleId :

PB164301TB

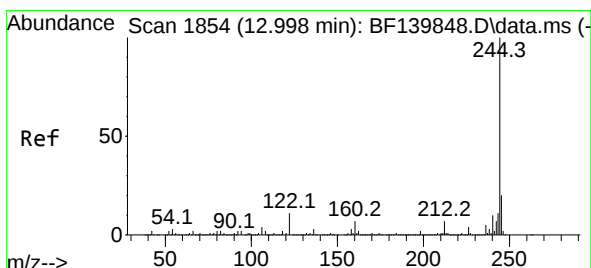
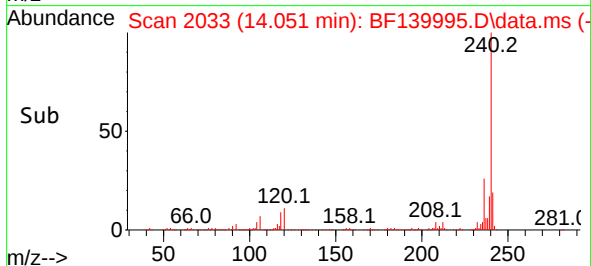
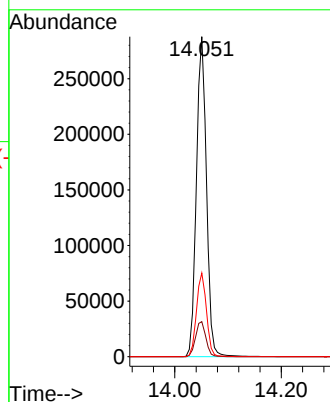
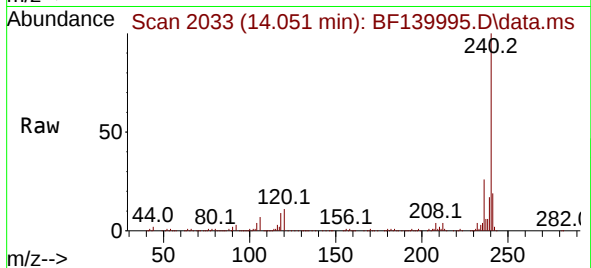
Tgt Ion:240 Resp: 376899

Ion Ratio Lower Upper

240 100

120 11.0 9.4 14.2

236 26.1 20.9 31.3



#79

Terphenyl-d14

Concen: 93.454 ng

RT: 12.998 min Scan# 1854

Delta R.T. 0.000 min

Lab File: BF139995.D

Acq: 24 Oct 2024 12:17

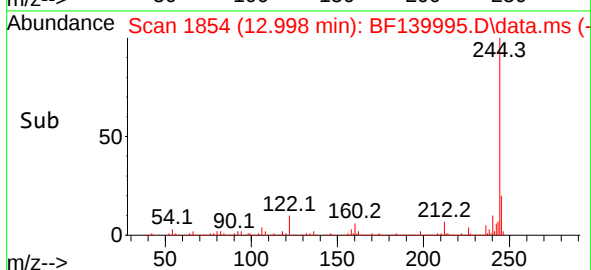
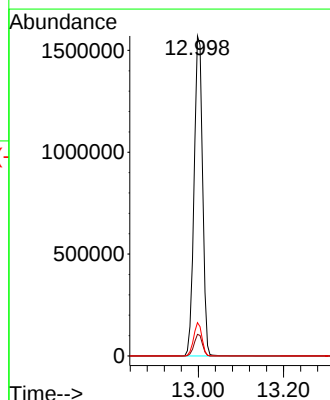
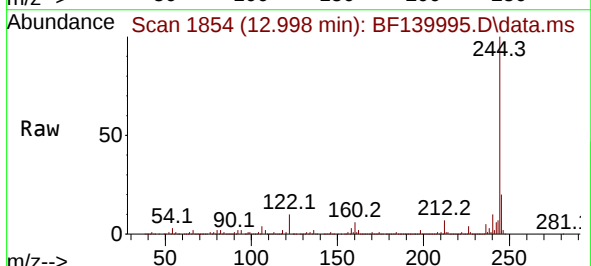
Tgt Ion:244 Resp: 2161585

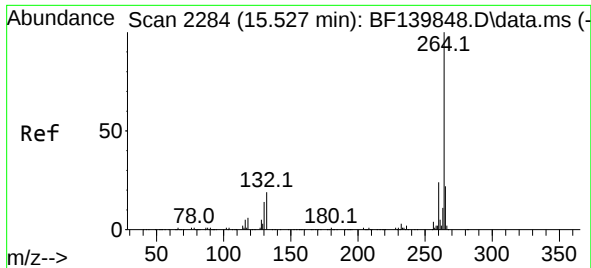
Ion Ratio Lower Upper

244 100

212 6.7 5.7 8.5

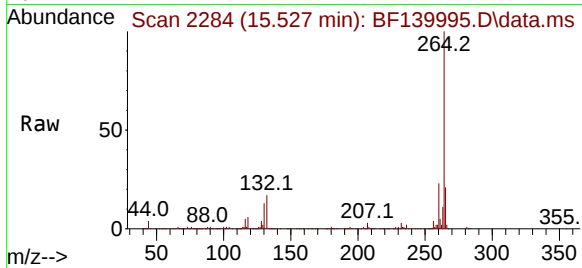
122 10.4 8.6 13.0





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.527 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BF139995.D
 Acq: 24 Oct 2024 12:17

Instrument :
 BNA_F
 ClientSampleId :
 PB164301TB



Tgt Ion:264 Resp: 307486
 Ion Ratio Lower Upper
 264 100
 260 23.3 19.4 29.2
 265 21.2 17.4 26.0

