

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102424\
 Data File : BF139991.D
 Acq On : 24 Oct 2024 10:23
 Operator : RC/JU
 Sample : PB164312BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB164312BL

Quant Time: Oct 24 11:02:56 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)

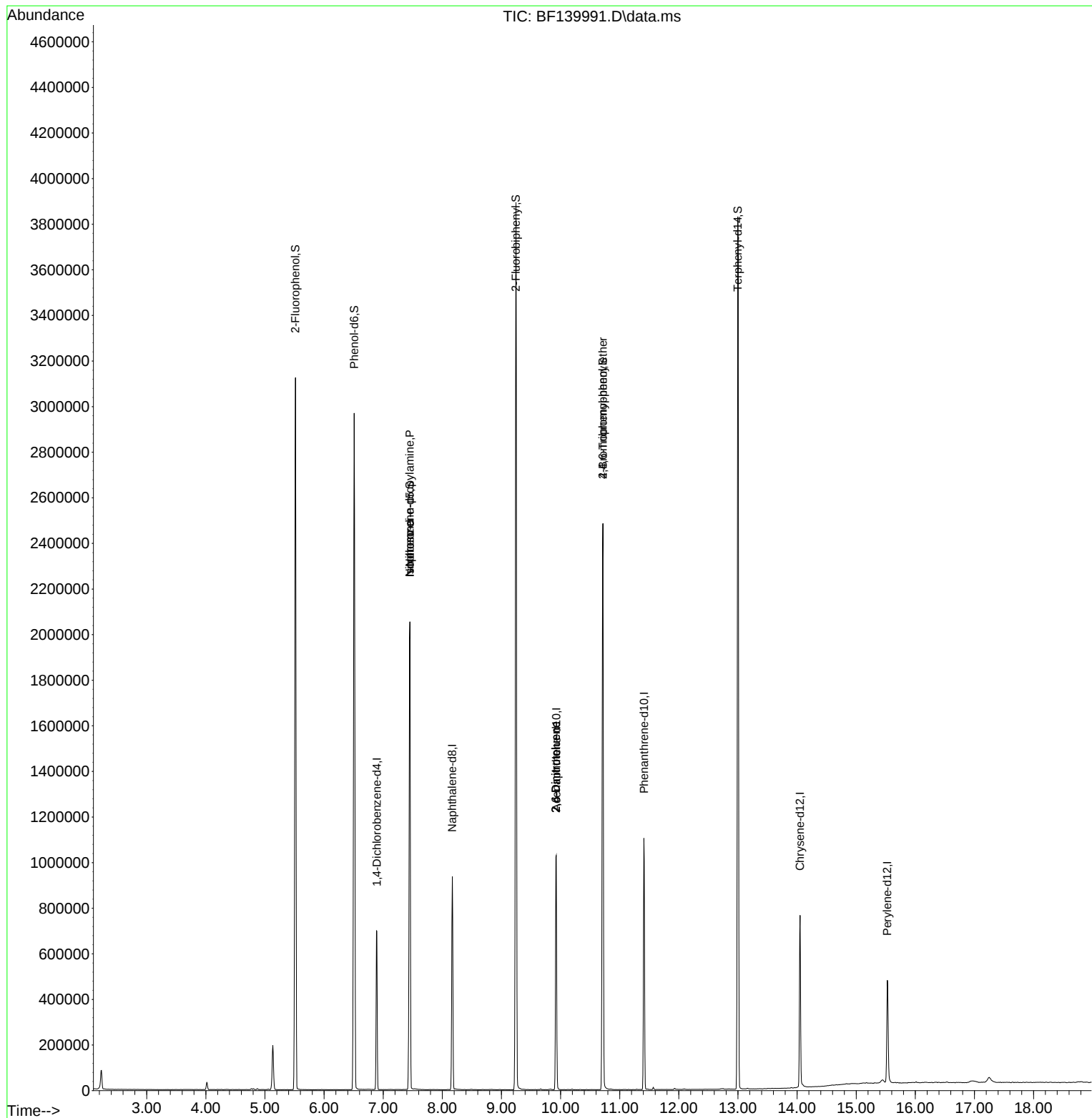
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	147139	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	571542	20.000	ng	0.00
39) Acenaphthene-d10	9.928	164	324595	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	586249	20.000	ng	0.00
76) Chrysene-d12	14.051	240	355232	20.000	ng	0.00
86) Perylene-d12	15.527	264	286763	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	1228240	130.679	ng	0.02
7) Phenol-d6	6.510	99	1528051	125.527	ng	0.00
23) Nitrobenzene-d5	7.451	82	994841	96.472	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	478528	157.610	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1832630	93.310	ng	0.00
79) Terphenyl-d14	12.998	244	2024925	92.885	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.451	70	133522	18.085	ng	# 75
25) Isophorone	7.451	82	990071	50.584	ng	# 67
51) 2,6-Dinitrotoluene	9.922	165	41562	9.494	ng	# 21
57) 2,4-Dinitrotoluene	9.922	165	41562	7.720	ng	# 21
67) 4-Bromophenyl-phenylether	10.716	248	29713	4.920	ng	# 1

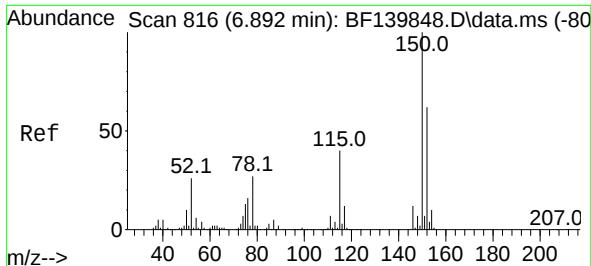
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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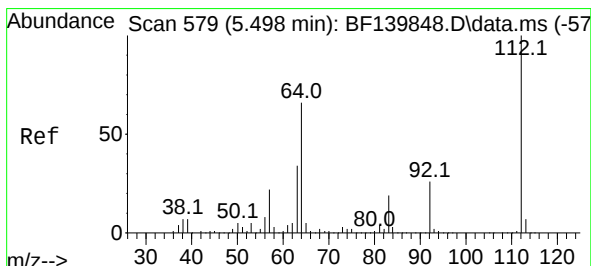
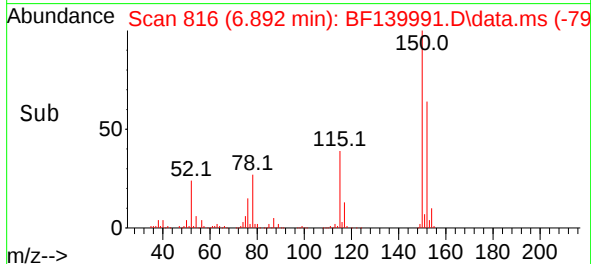
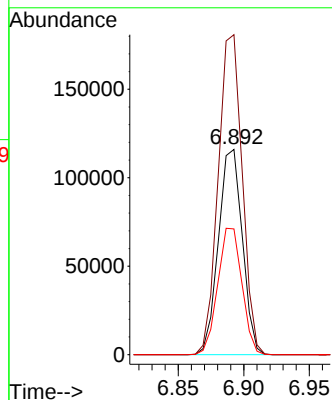
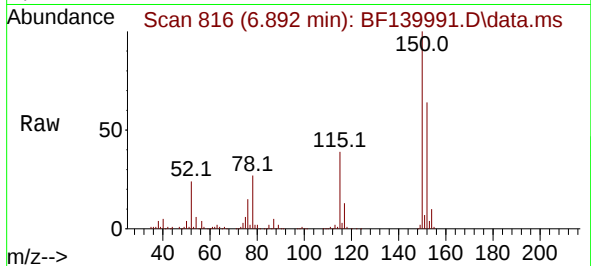




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.892 min Scan# 816
Delta R.T. 0.000 min
Lab File: BF139991.D
Acq: 24 Oct 2024 10:23

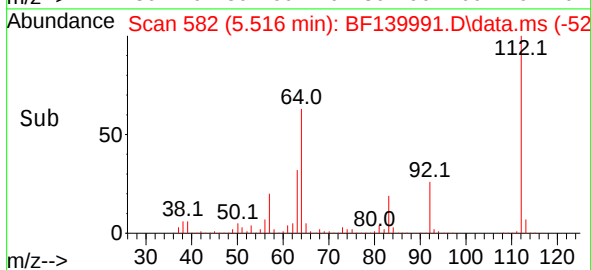
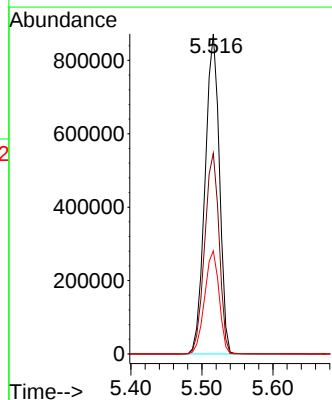
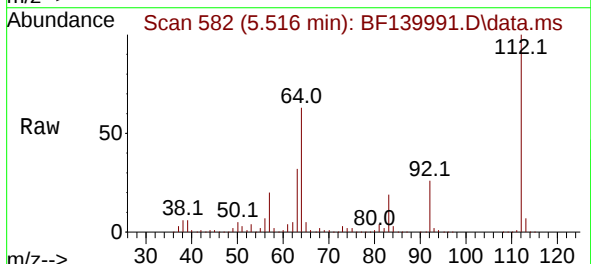
Instrument :
BNA_F
ClientSampleId :
PB164312BL

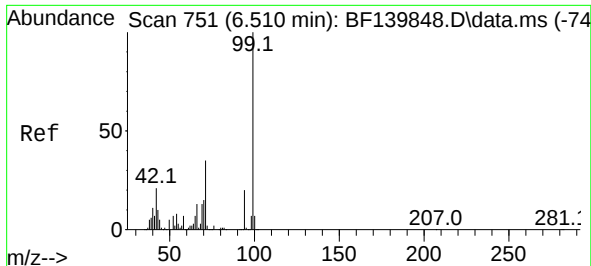
Tgt Ion:152 Resp: 147139
Ion Ratio Lower Upper
152 100
150 155.8 130.2 195.2
115 61.2 51.4 77.2



#5
2-Fluorophenol
Concen: 130.679 ng
RT: 5.516 min Scan# 582
Delta R.T. 0.018 min
Lab File: BF139991.D
Acq: 24 Oct 2024 10:23

Tgt Ion:112 Resp: 1228240
Ion Ratio Lower Upper
112 100
64 62.8 53.0 79.6
63 32.2 27.0 40.4

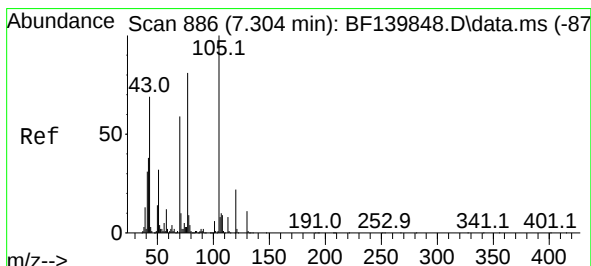
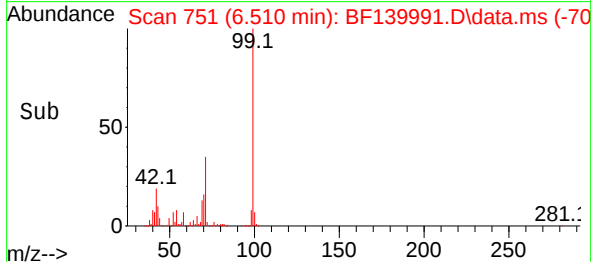
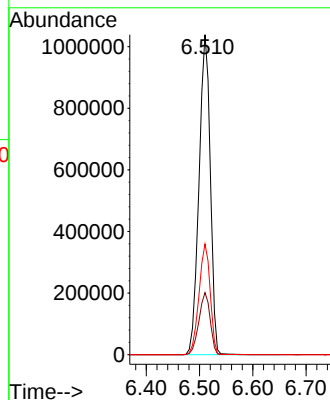
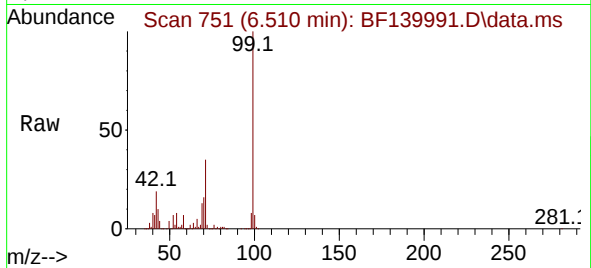




#7
Phenol-d6
Concen: 125.527 ng
RT: 6.510 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF139991.D
Acq: 24 Oct 2024 10:23

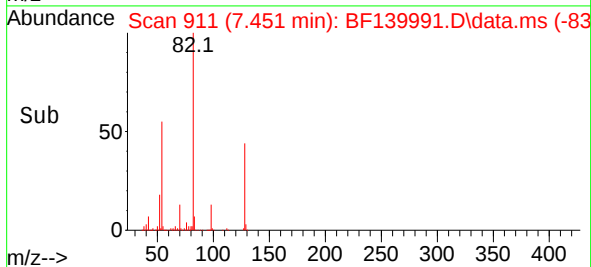
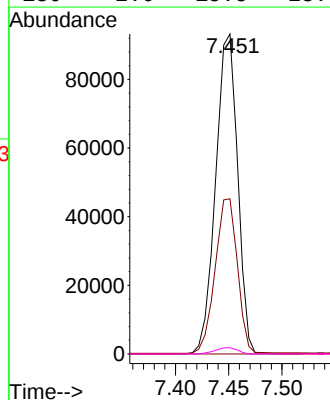
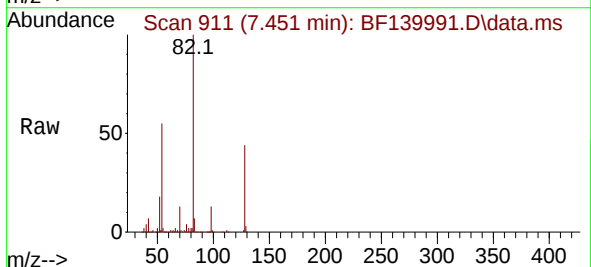
Instrument :
BNA_F
ClientSampleId :
PB164312BL

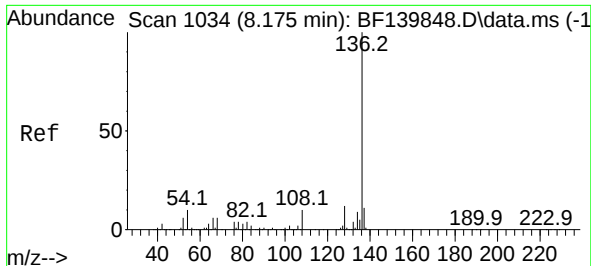
Tgt Ion: 99 Resp: 1528051
Ion Ratio Lower Upper
99 100
42 19.4 16.7 25.1
71 34.6 27.7 41.5



#19
n-Nitroso-di-n-propylamine
Concen: 18.085 ng
RT: 7.451 min Scan# 911
Delta R.T. 0.147 min
Lab File: BF139991.D
Acq: 24 Oct 2024 10:23

Tgt Ion: 70 Resp: 133522
Ion Ratio Lower Upper
70 100
42 48.5 51.5 77.3#
101 0.0 7.5 11.3#
130 2.0 15.5 23.3#

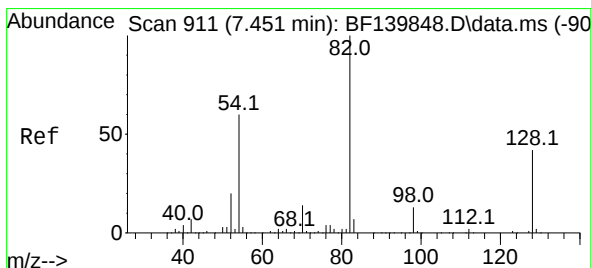
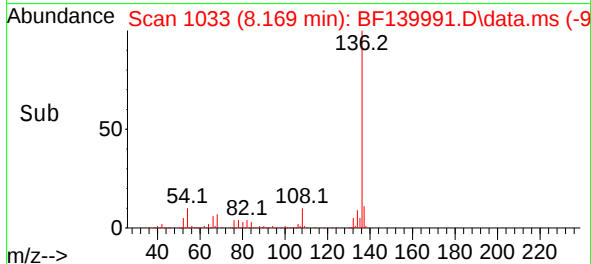
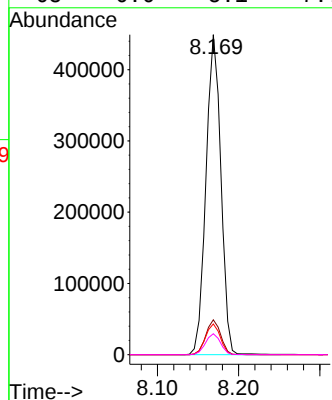
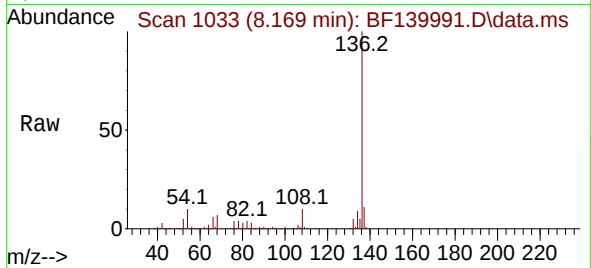




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF139991.D
Acq: 24 Oct 2024 10:23

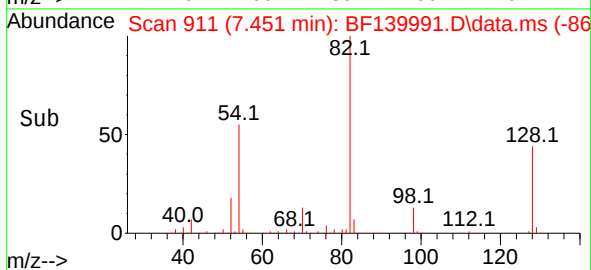
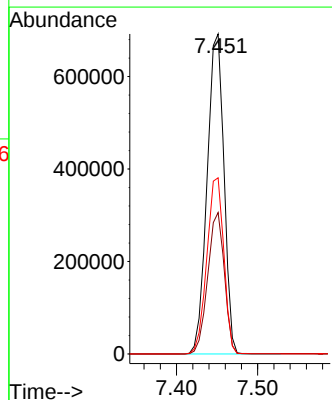
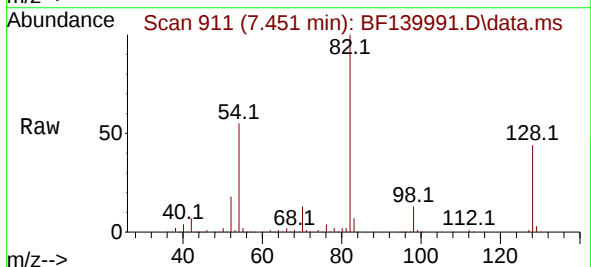
Instrument :
BNA_F
ClientSampleId :
PB164312BL

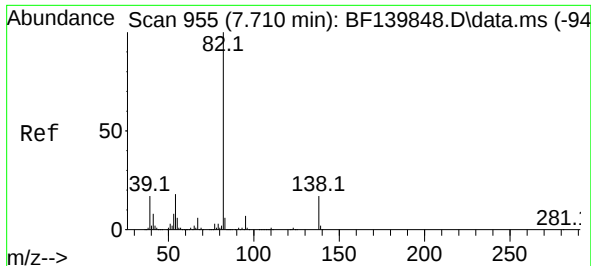
Tgt Ion:136 Resp: 571542
Ion Ratio Lower Upper
136 100
137 10.9 8.6 12.8
54 9.6 8.4 12.6
68 6.6 5.1 7.7



#23
Nitrobenzene-d5
Concen: 96.472 ng
RT: 7.451 min Scan# 911
Delta R.T. 0.000 min
Lab File: BF139991.D
Acq: 24 Oct 2024 10:23

Tgt Ion: 82 Resp: 994841
Ion Ratio Lower Upper
82 100
128 44.2 33.4 50.0
54 55.1 47.8 71.8

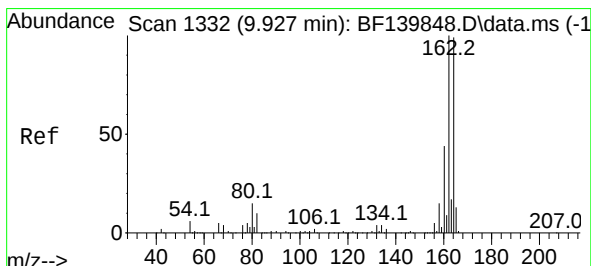
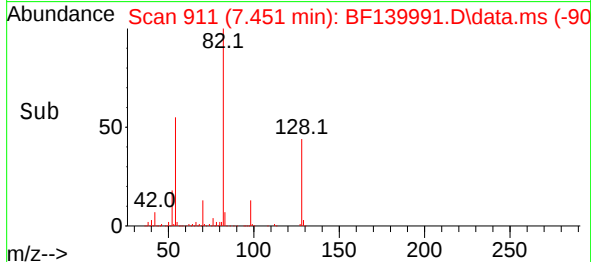
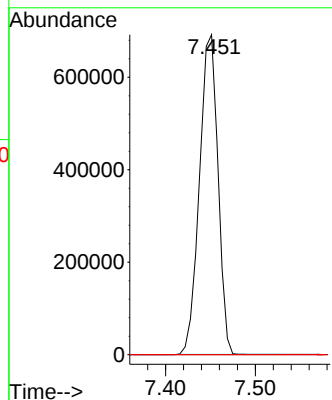
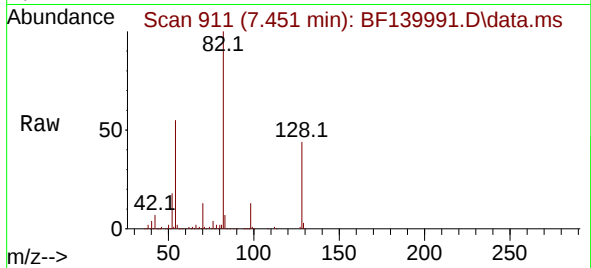




#25
Isophorone
Concen: 50.584 ng
RT: 7.451 min Scan# 911
Delta R.T. -0.259 min
Lab File: BF139991.D
Acq: 24 Oct 2024 10:23

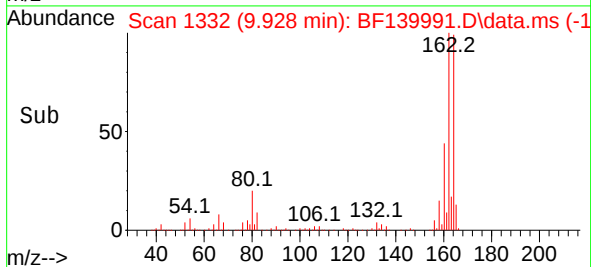
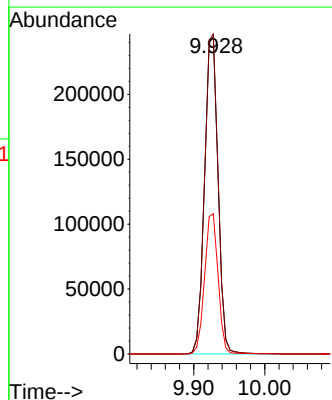
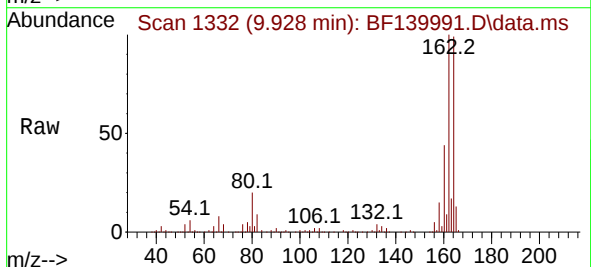
Instrument :
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ClientSampleId :
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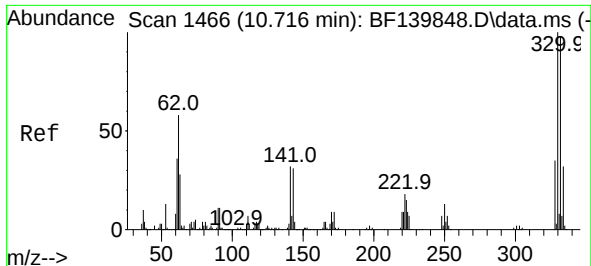
Tgt Ion: 82 Resp: 990071
Ion Ratio Lower Upper
82 100
95 0.0 5.5 8.3#
138 0.0 13.2 19.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.928 min Scan# 1332
Delta R.T. 0.001 min
Lab File: BF139991.D
Acq: 24 Oct 2024 10:23

Tgt Ion: 164 Resp: 324595
Ion Ratio Lower Upper
164 100
162 100.9 81.0 121.4
160 44.2 35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 157.610 ng

RT: 10.716 min Scan# 1466

Delta R.T. 0.000 min

Lab File: BF139991.D

Acq: 24 Oct 2024 10:23

Instrument :

BNA_F

ClientSampleId :

PB164312BL

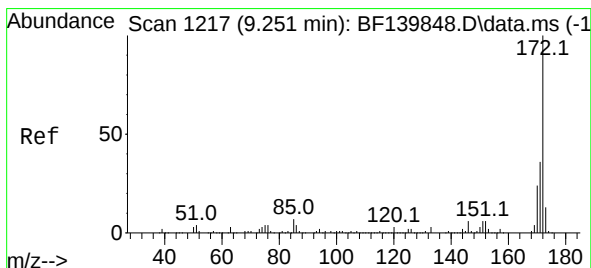
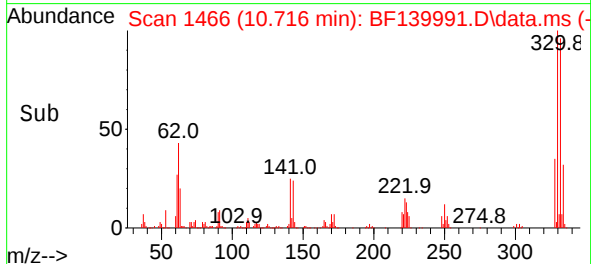
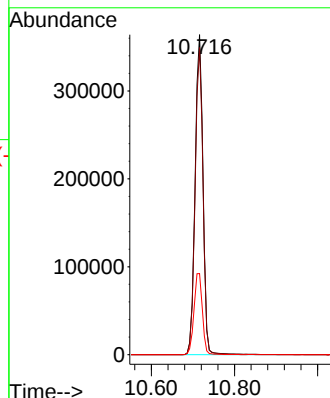
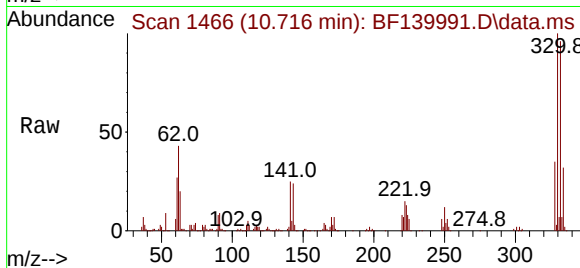
Tgt Ion:330 Resp: 478528

Ion Ratio Lower Upper

330 100

332 95.8 78.1 117.1

141 27.0 26.6 39.8



#45

2-Fluorobiphenyl

Concen: 93.310 ng

RT: 9.245 min Scan# 1216

Delta R.T. -0.006 min

Lab File: BF139991.D

Acq: 24 Oct 2024 10:23

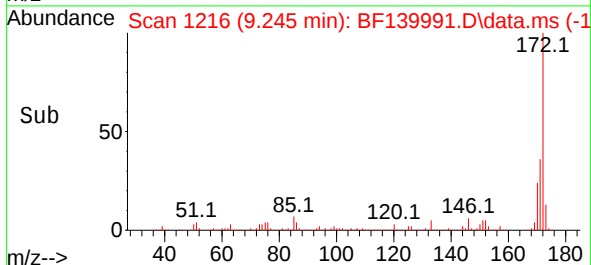
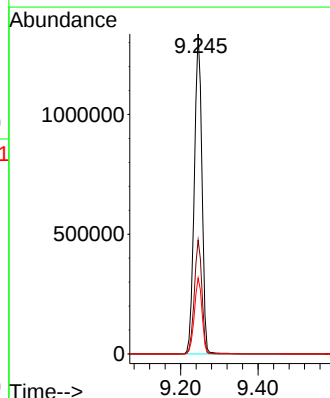
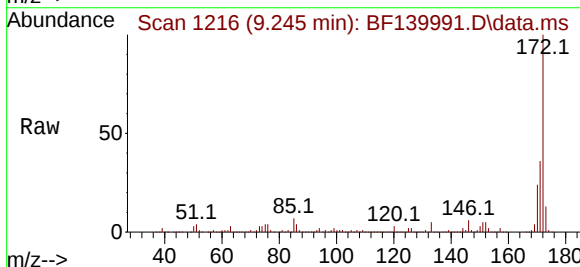
Tgt Ion:172 Resp: 1832630

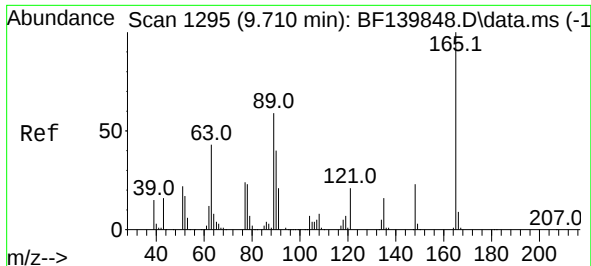
Ion Ratio Lower Upper

172 100

171 35.6 28.6 43.0

170 23.8 19.1 28.7

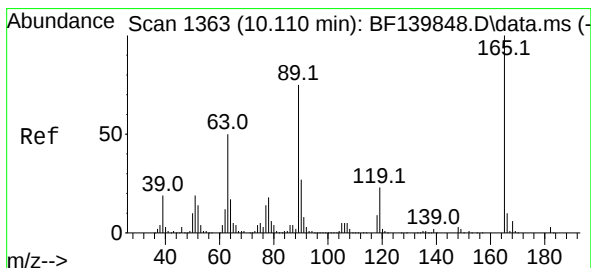
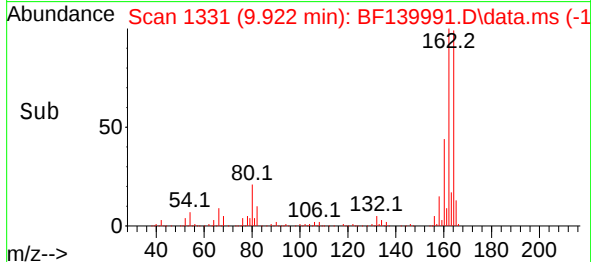
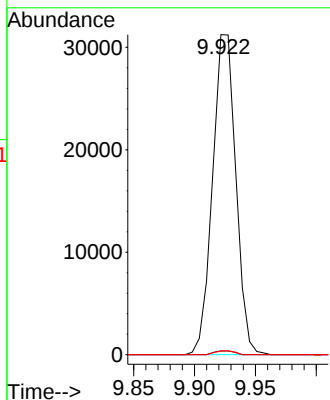
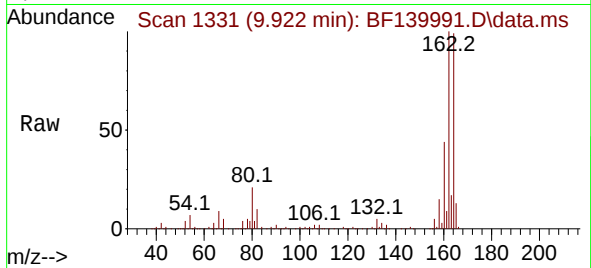




#51
2,6-Dinitrotoluene
Concen: 9.494 ng
RT: 9.922 min Scan# 1331
Delta R.T. 0.212 min
Lab File: BF139991.D
Acq: 24 Oct 2024 10:23

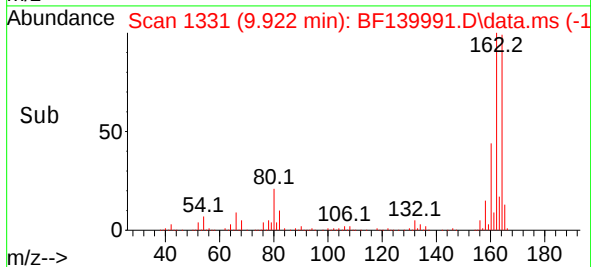
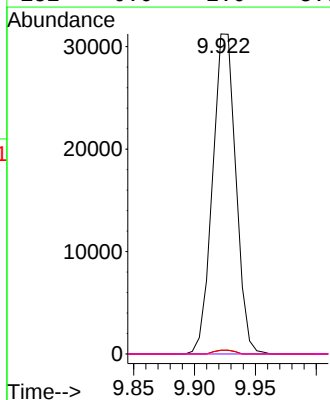
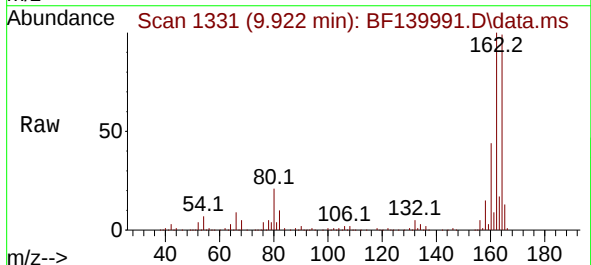
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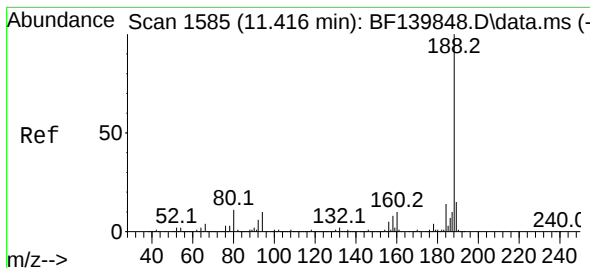
Tgt Ion:165 Resp: 41562
Ion Ratio Lower Upper
165 100
63 1.2 50.6 75.8#
89 1.1 47.5 71.3#



#57
2,4-Dinitrotoluene
Concen: 7.720 ng
RT: 9.922 min Scan# 1331
Delta R.T. -0.188 min
Lab File: BF139991.D
Acq: 24 Oct 2024 10:23

Tgt Ion:165 Resp: 41562
Ion Ratio Lower Upper
165 100
63 1.2 40.1 60.1#
89 1.1 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: BF139991.D

Acq: 24 Oct 2024 10:23

Instrument :

BNA_F

ClientSampleId :

PB164312BL

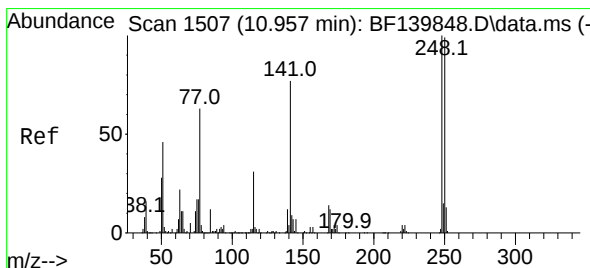
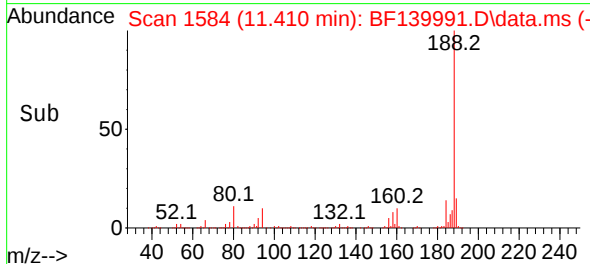
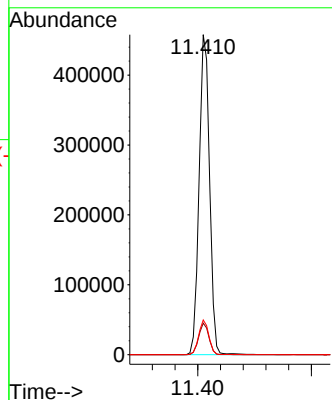
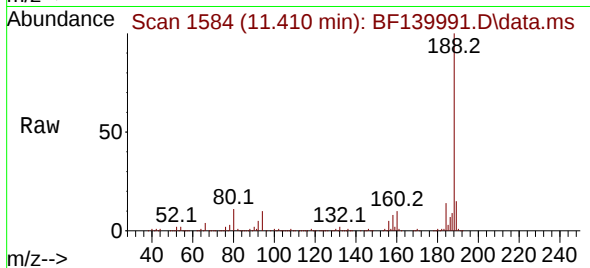
Tgt Ion:188 Resp: 586249

Ion Ratio Lower Upper

188 100

94 9.9 7.9 11.9

80 10.9 9.0 13.4



#67

4-Bromophenyl-phenylether

Concen: 4.920 ng

RT: 10.716 min Scan# 1466

Delta R.T. -0.241 min

Lab File: BF139991.D

Acq: 24 Oct 2024 10:23

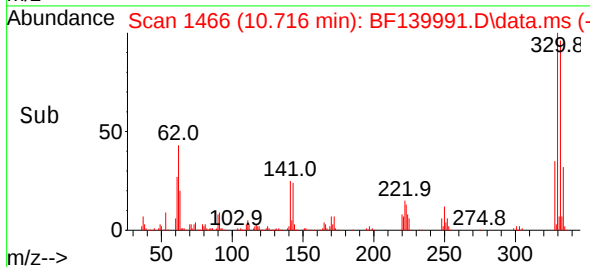
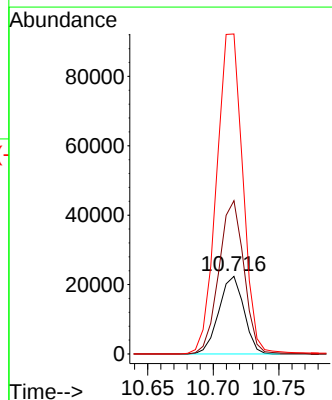
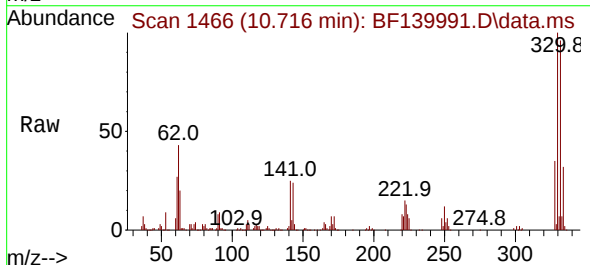
Tgt Ion:248 Resp: 29713

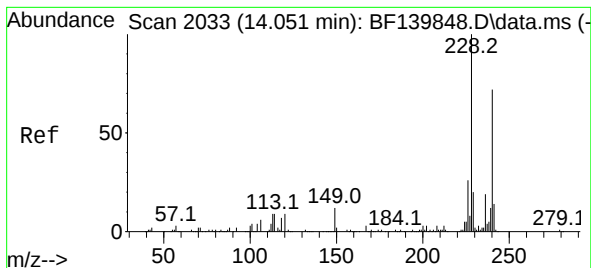
Ion Ratio Lower Upper

248 100

250 197.5 79.0 118.6#

141 412.0 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: BF139991.D

Acq: 24 Oct 2024 10:23

Instrument :

BNA_F

ClientSampleId :

PB164312BL

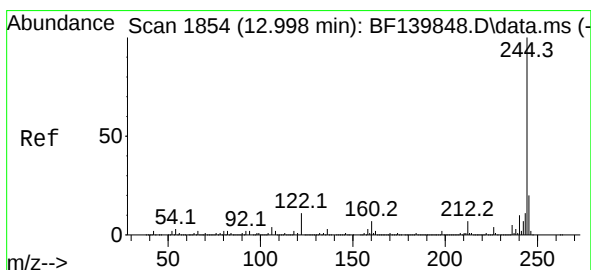
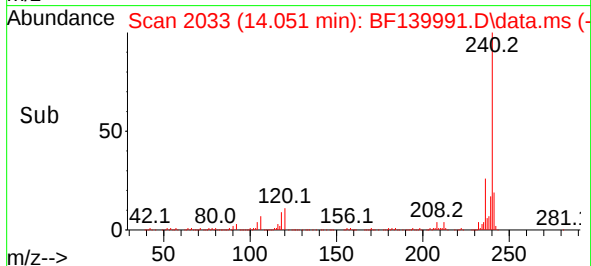
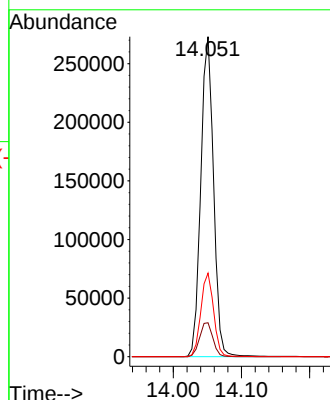
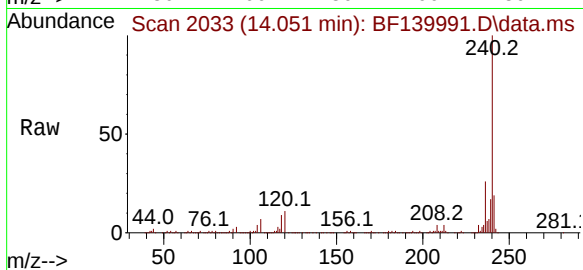
Tgt Ion:240 Resp: 355232

Ion Ratio Lower Upper

240 100

120 10.6 9.4 14.2

236 26.1 20.9 31.3



#79

Terphenyl-d14

Concen: 92.885 ng

RT: 12.998 min Scan# 1854

Delta R.T. 0.000 min

Lab File: BF139991.D

Acq: 24 Oct 2024 10:23

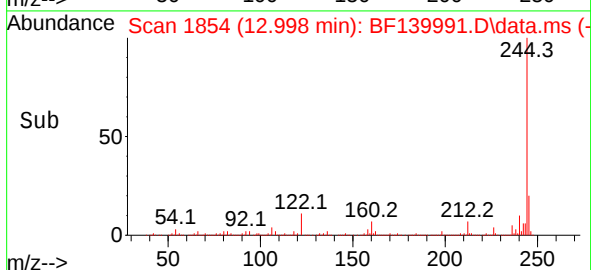
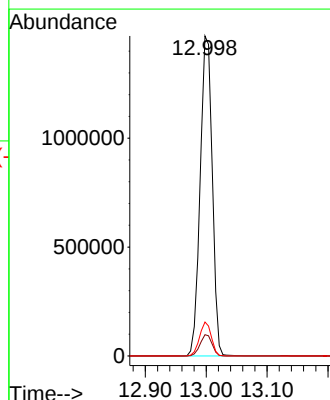
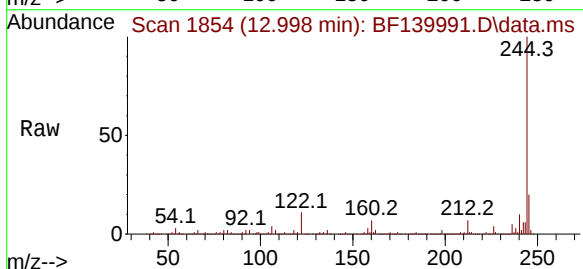
Tgt Ion:244 Resp: 2024925

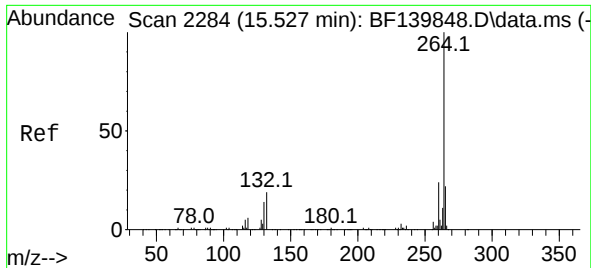
Ion Ratio Lower Upper

244 100

212 6.6 5.7 8.5

122 10.6 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: BF139991.D
Acq: 24 Oct 2024 10:23

Instrument :
BNA_F
ClientSampleId :
PB164312BL

Tgt Ion:264 Resp: 286763
Ion Ratio Lower Upper
264 100
260 23.8 19.4 29.2
265 21.3 17.4 26.0

