

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101924\
 Data File : BF139869.D
 Acq On : 19 Oct 2024 13:47
 Operator : RC/JU
 Sample : PB164216BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB164216BL

Quant Time: Oct 21 01:39:55 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)

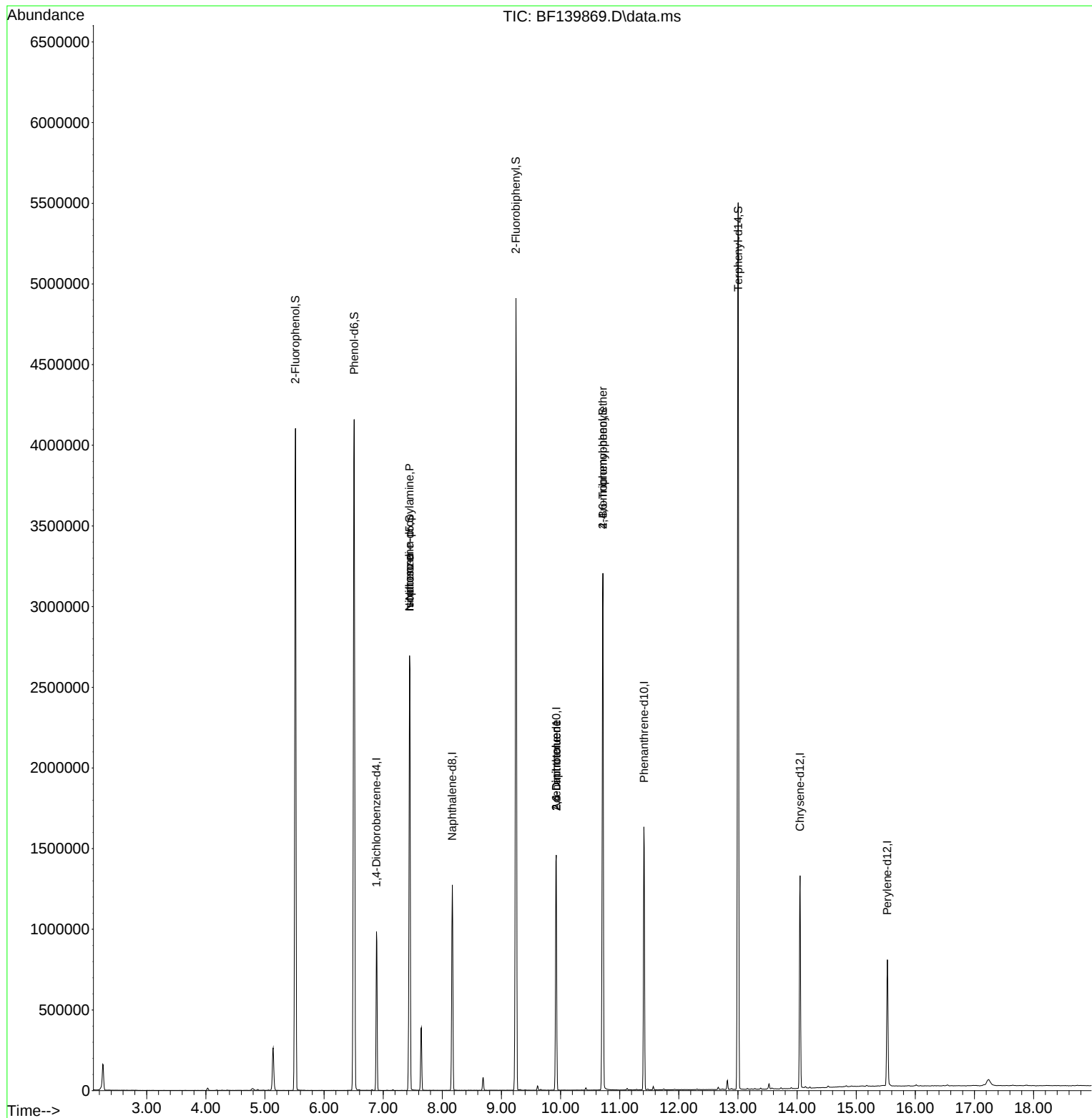
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	200094	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	794942	20.000	ng	0.00
39) Acenaphthene-d10	9.928	164	453346	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	848578	20.000	ng	0.00
76) Chrysene-d12	14.051	240	603034	20.000	ng	0.00
86) Perylene-d12	15.527	264	446604	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	1625485	127.174	ng	0.02
7) Phenol-d6	6.510	99	2000463	120.843	ng	0.00
23) Nitrobenzene-d5	7.445	82	1300043	90.639	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	583147	137.520	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	2318672	84.528	ng	0.00
79) Terphenyl-d14	13.004	244	2930842	79.195	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.445	70	178288	17.758	ng	Qvalue # 79
25) Isophorone	7.445	82	1297217	47.651	ng	# 67
51) 2,6-Dinitrotoluene	9.928	165	58402	9.552	ng	# 21
57) 2,4-Dinitrotoluene	9.928	165	58402	7.768	ng	# 21
67) 4-Bromophenyl-phenylether	10.716	248	37961	4.342	ng	# 1

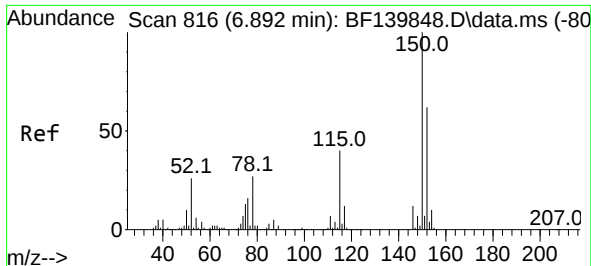
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101924\
Data File : BF139869.D
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Operator : RC/JU
Sample : PB164216BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB164216BL

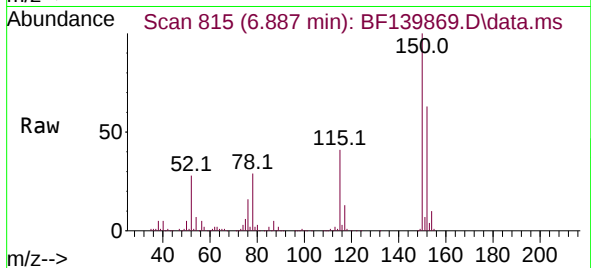
Quant Time: Oct 21 01:39:55 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 18 15:07:50 2024
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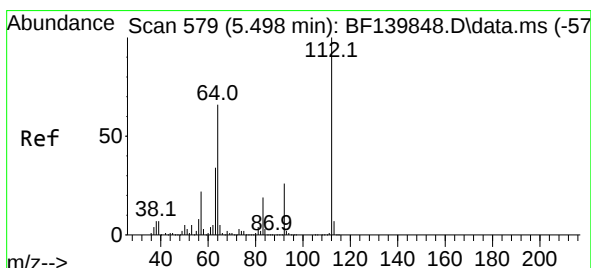
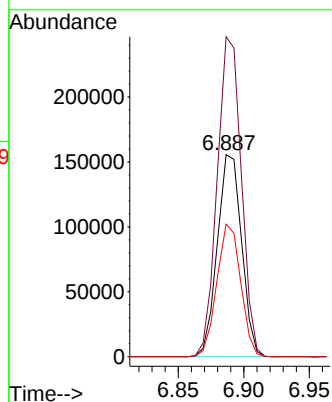
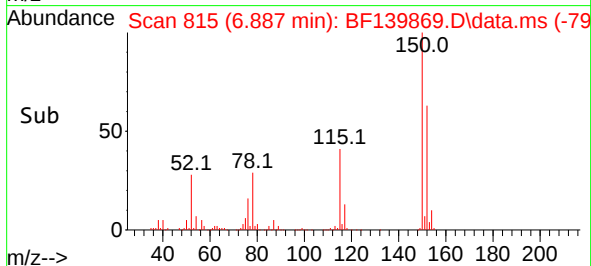


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.887 min Scan# 816
Delta R.T. -0.005 min
Lab File: BF139869.D
Acq: 19 Oct 2024 13:47

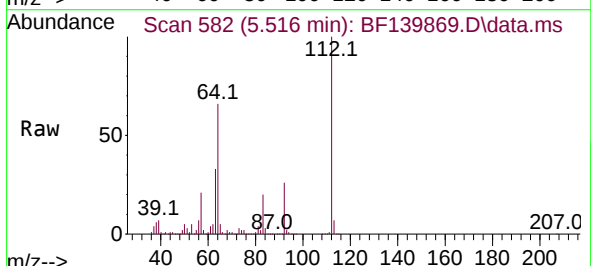
Instrument :
BNA_F
ClientSampleId :
PB164216BL



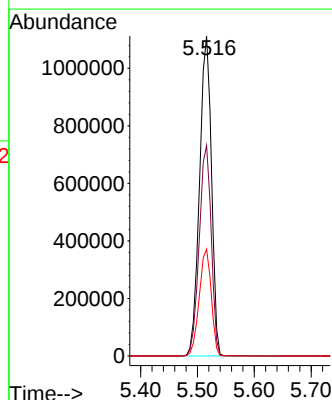
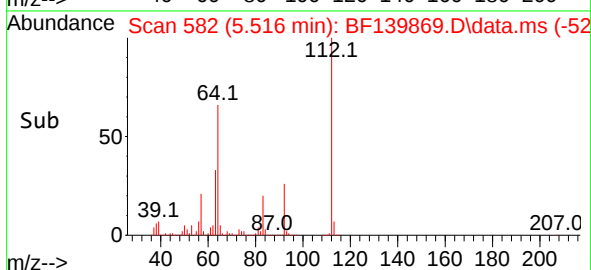
Tgt Ion:152 Resp: 200094
Ion Ratio Lower Upper
152 100
150 158.3 130.2 195.2
115 65.6 51.4 77.2

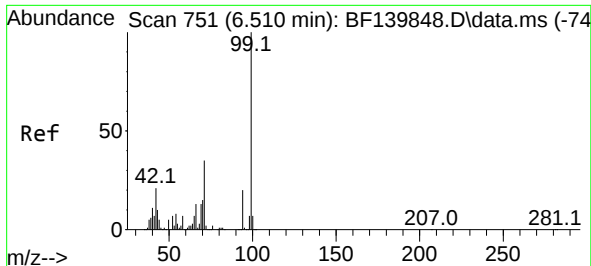


#5
2-Fluorophenol
Concen: 127.174 ng
RT: 5.516 min Scan# 582
Delta R.T. 0.018 min
Lab File: BF139869.D
Acq: 19 Oct 2024 13:47



Tgt Ion:112 Resp: 1625485
Ion Ratio Lower Upper
112 100
64 65.8 53.0 79.6
63 33.4 27.0 40.4



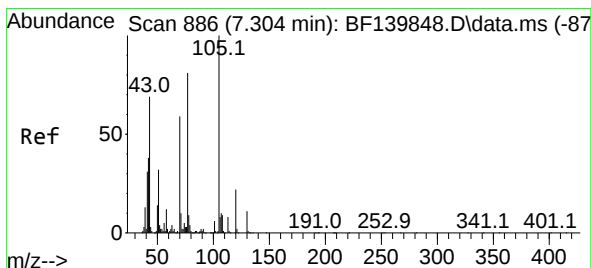
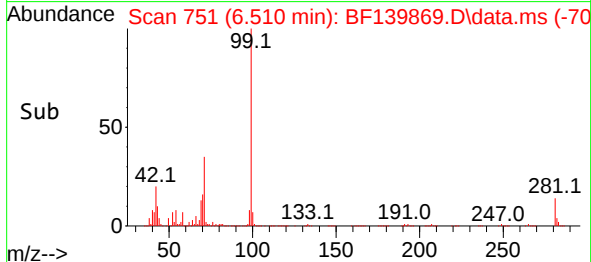
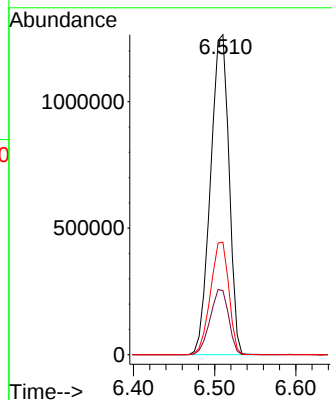
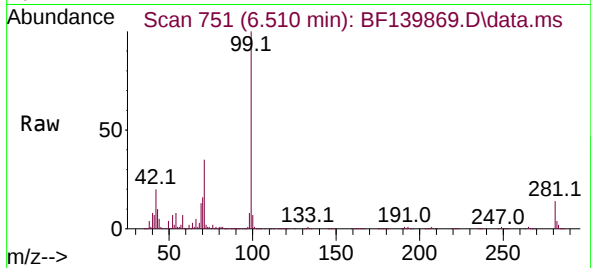


#7
Phenol-d6
Concen: 120.843 ng
RT: 6.510 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF139869.D
Acq: 19 Oct 2024 13:47

Instrument :
BNA_F
ClientSampleId :
PB164216BL

Tgt Ion: 99 Resp: 2000463

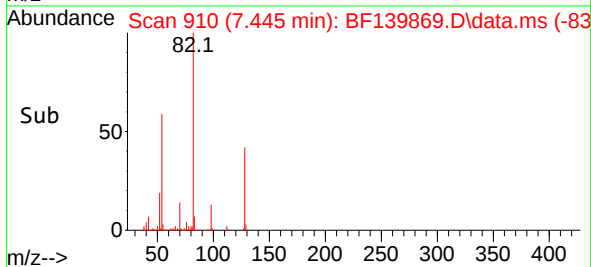
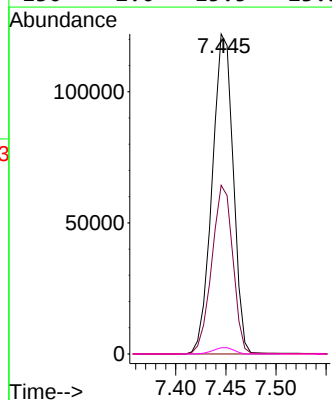
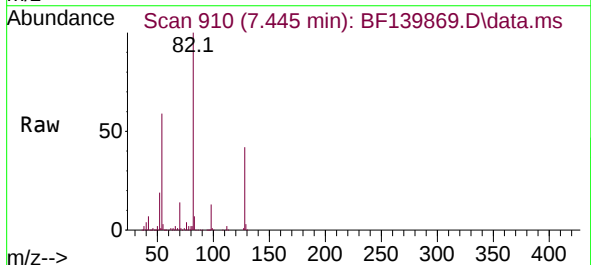
Ion	Ratio	Lower	Upper
99	100		
42	20.1	16.7	25.1
71	35.1	27.7	41.5

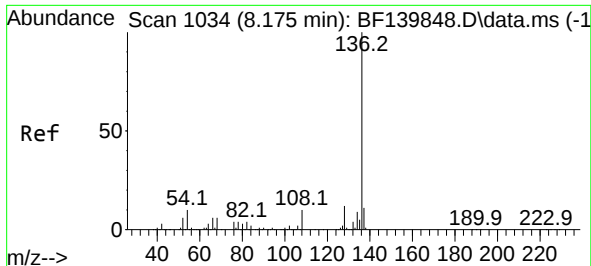


#19
n-Nitroso-di-n-propylamine
Concen: 17.758 ng
RT: 7.445 min Scan# 910
Delta R.T. 0.141 min
Lab File: BF139869.D
Acq: 19 Oct 2024 13:47

Tgt Ion: 70 Resp: 178288

Ion	Ratio	Lower	Upper
70	100		
42	52.7	51.5	77.3
101	0.0	7.5	11.3#
130	2.0	15.5	23.3#



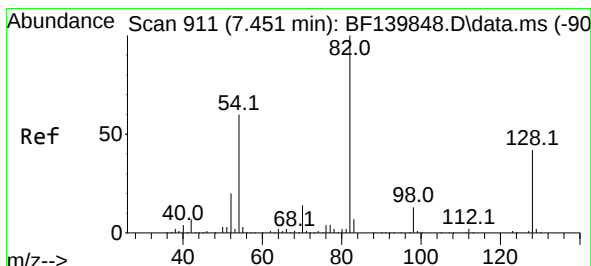
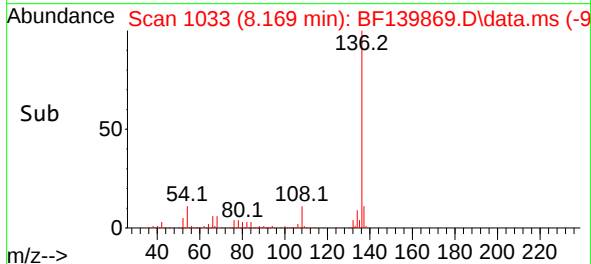
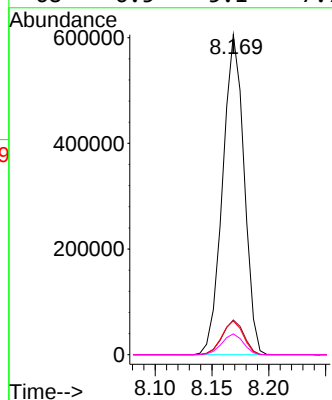
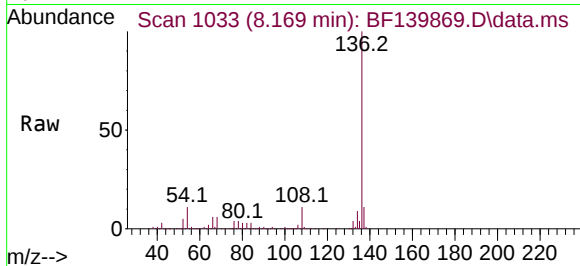


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 10
Delta R.T. -0.006 min
Lab File: BF139869.D
Acq: 19 Oct 2024 13:47

Instrument :
BNA_F
ClientSampleId :
PB164216BL

Tgt Ion:136 Resp: 794942

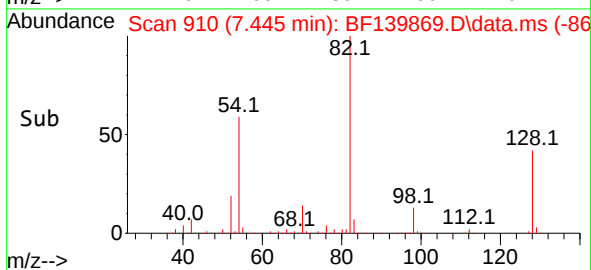
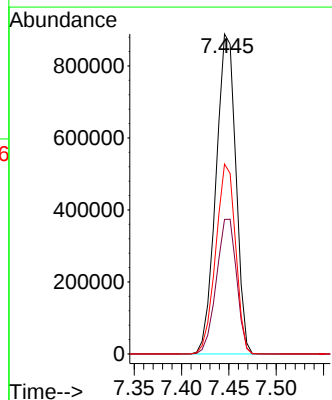
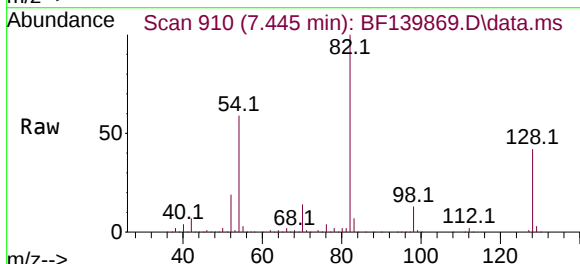
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	12.8
54	10.6	8.4	12.6
68	6.5	5.1	7.7

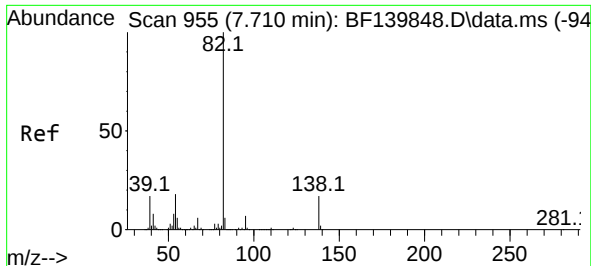


#23
Nitrobenzene-d5
Concen: 90.639 ng
RT: 7.445 min Scan# 910
Delta R.T. -0.006 min
Lab File: BF139869.D
Acq: 19 Oct 2024 13:47

Tgt Ion: 82 Resp: 1300043

Ion	Ratio	Lower	Upper
82	100		
128	42.0	33.4	50.0
54	59.4	47.8	71.8

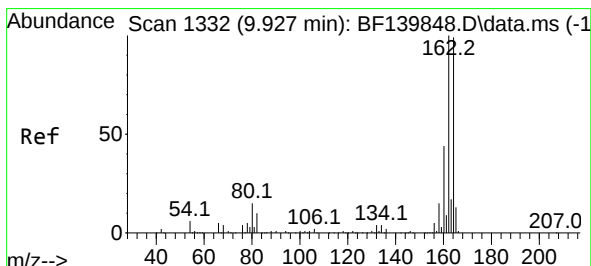
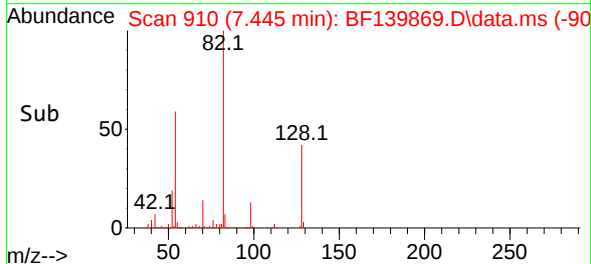
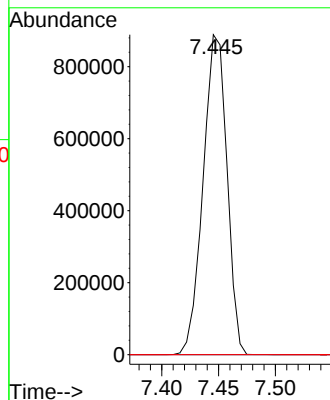
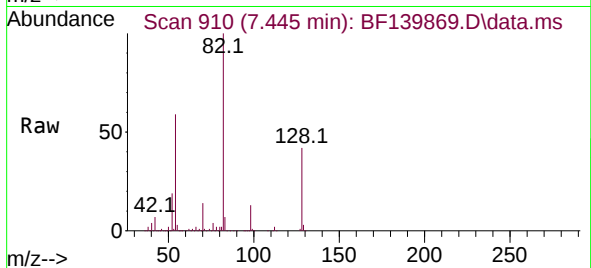




#25
Isophorone
Concen: 47.651 ng
RT: 7.445 min Scan# 910
Delta R.T. -0.265 min
Lab File: BF139869.D
Acq: 19 Oct 2024 13:47

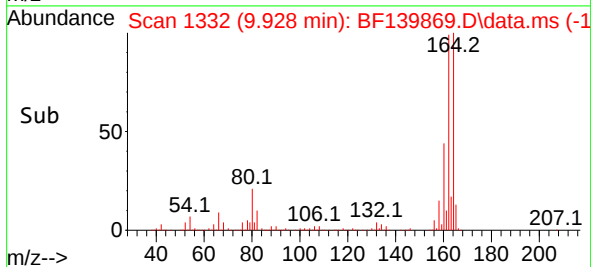
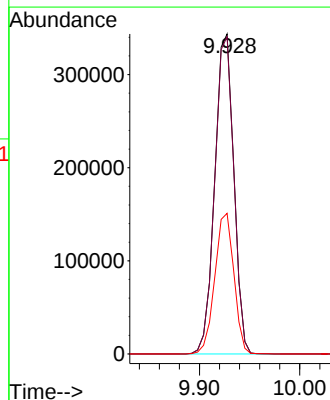
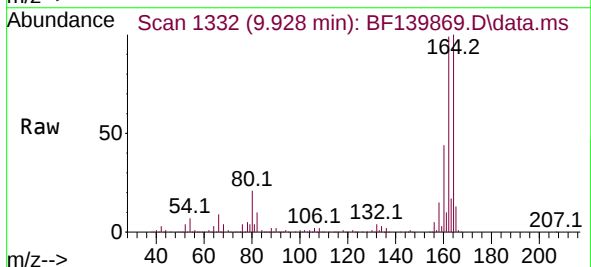
Instrument :
BNA_F
ClientSampleId :
PB164216BL

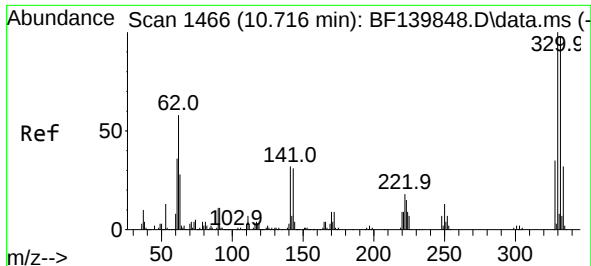
Tgt Ion: 82 Resp: 1297217
Ion Ratio Lower Upper
82 100
95 0.0 5.5 8.3#
138 0.0 13.2 19.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.928 min Scan# 1332
Delta R.T. 0.001 min
Lab File: BF139869.D
Acq: 19 Oct 2024 13:47

Tgt Ion:164 Resp: 453346
Ion Ratio Lower Upper
164 100
162 99.1 81.0 121.4
160 43.9 35.4 53.0

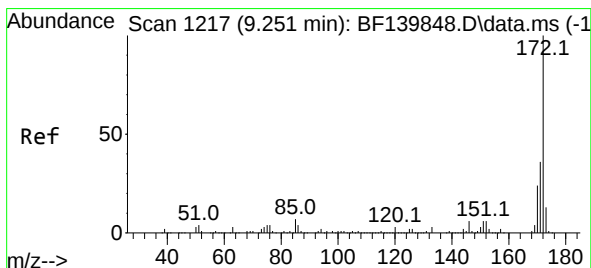
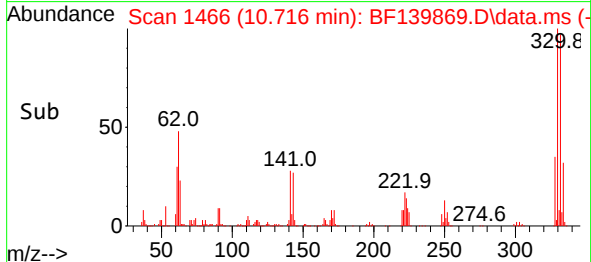
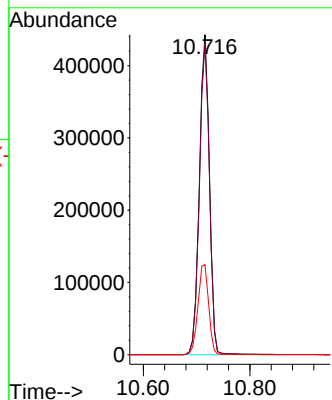
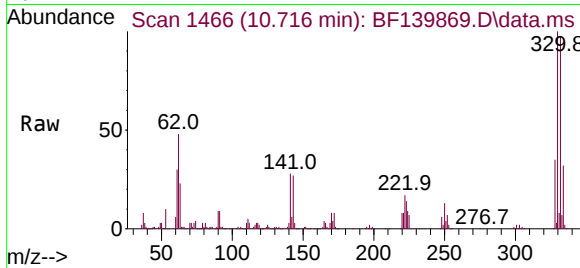




#42
 2,4,6-Tribromophenol
 Concen: 137.520 ng
 RT: 10.716 min Scan# 1466
 Delta R.T. 0.000 min
 Lab File: BF139869.D
 Acq: 19 Oct 2024 13:47

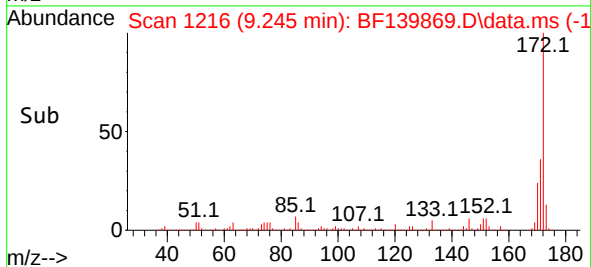
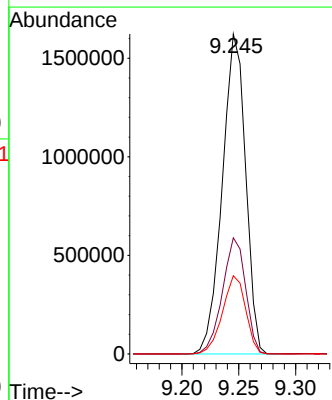
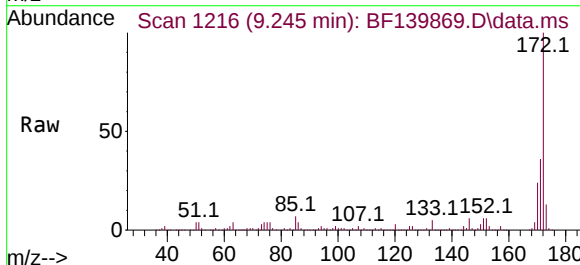
Instrument :
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 ClientSampleId :
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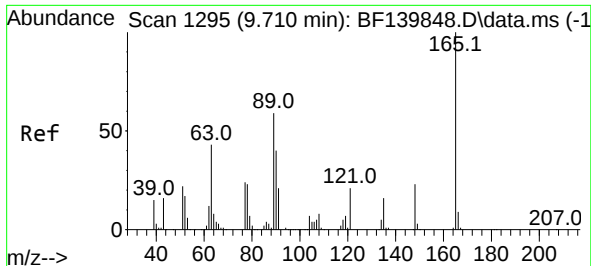
Tgt Ion:330 Resp: 583147
 Ion Ratio Lower Upper
 330 100
 332 96.7 78.1 117.1
 141 29.9 26.6 39.8



#45
 2-Fluorobiphenyl
 Concen: 84.528 ng
 RT: 9.245 min Scan# 1216
 Delta R.T. -0.006 min
 Lab File: BF139869.D
 Acq: 19 Oct 2024 13:47

Tgt Ion:172 Resp: 2318672
 Ion Ratio Lower Upper
 172 100
 171 36.3 28.6 43.0
 170 24.4 19.1 28.7

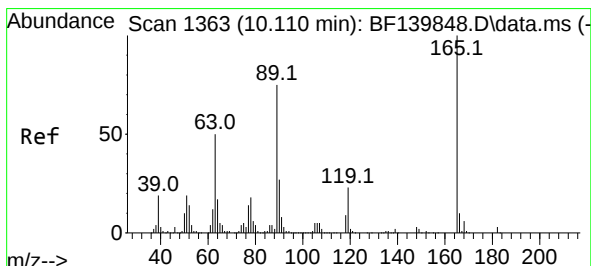
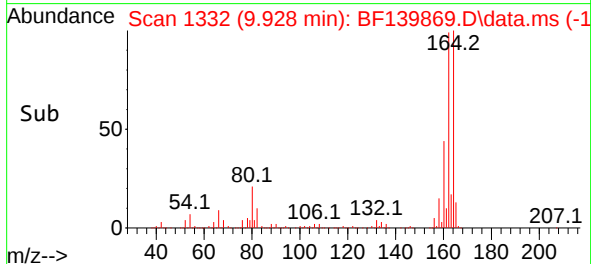
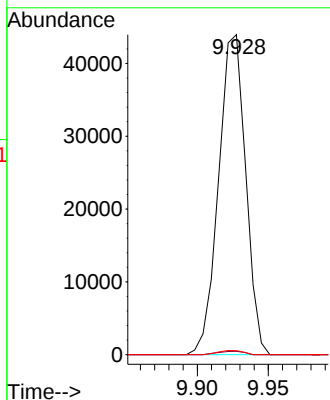
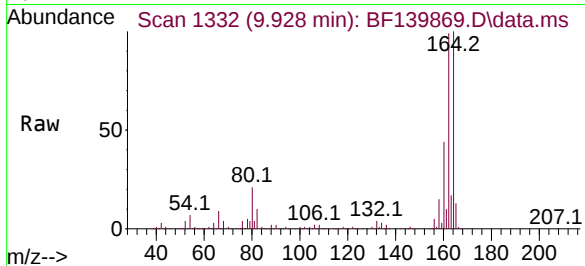




#51
2,6-Dinitrotoluene
Concen: 9.552 ng
RT: 9.928 min Scan# 11
Delta R.T. 0.218 min
Lab File: BF139869.D
Acq: 19 Oct 2024 13:47

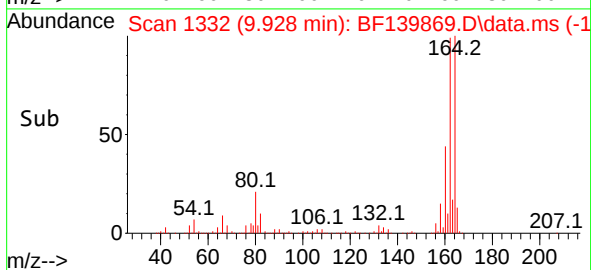
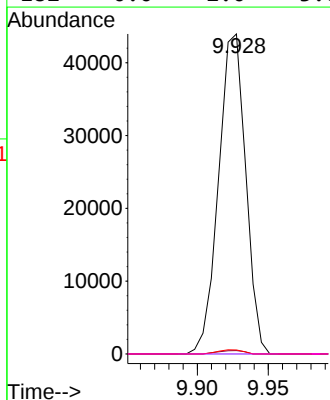
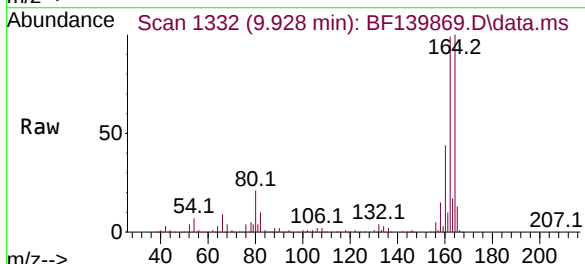
Instrument :
BNA_F
ClientSampleId :
PB164216BL

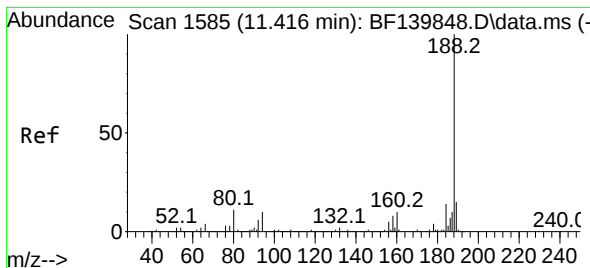
Tgt Ion:165 Resp: 58402
Ion Ratio Lower Upper
165 100
63 1.0 50.6 75.8#
89 1.2 47.5 71.3#



#57
2,4-Dinitrotoluene
Concen: 7.768 ng
RT: 9.928 min Scan# 1332
Delta R.T. -0.182 min
Lab File: BF139869.D
Acq: 19 Oct 2024 13:47

Tgt Ion:165 Resp: 58402
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: BF139869.D

Acq: 19 Oct 2024 13:47

Instrument :

BNA_F

ClientSampleId :

PB164216BL

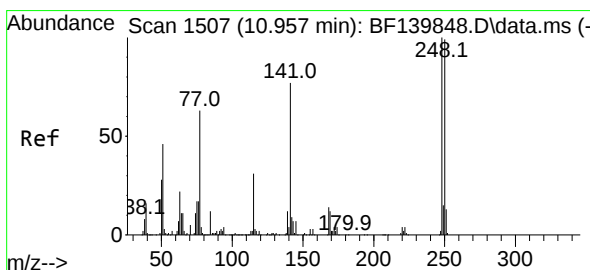
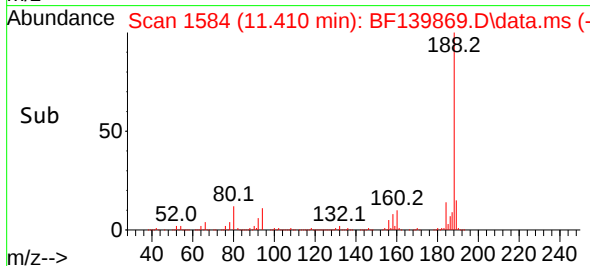
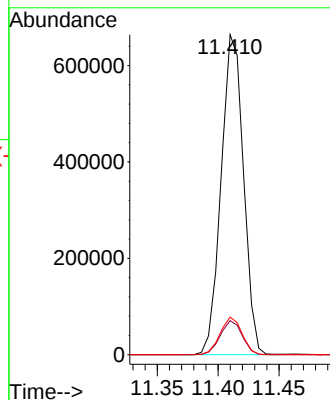
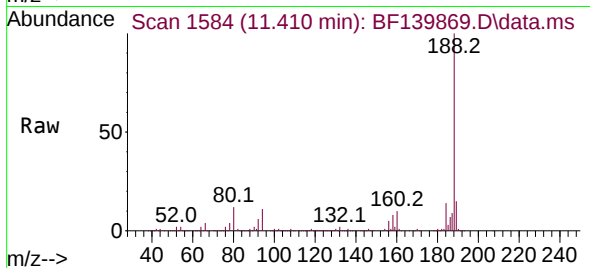
Tgt Ion:188 Resp: 848578

Ion Ratio Lower Upper

188 100

94 10.7 7.9 11.9

80 11.8 9.0 13.4



#67

4-Bromophenyl-phenylether

Concen: 4.342 ng

RT: 10.716 min Scan# 1466

Delta R.T. -0.241 min

Lab File: BF139869.D

Acq: 19 Oct 2024 13:47

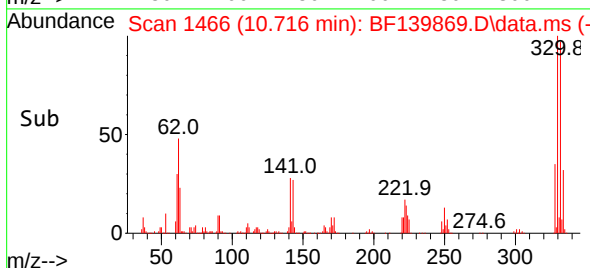
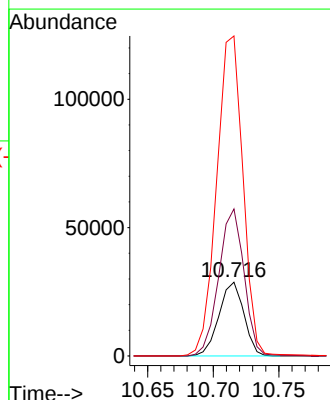
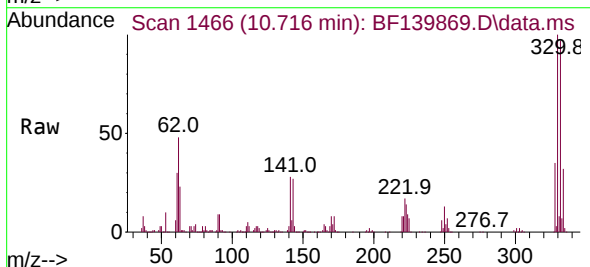
Tgt Ion:248 Resp: 37961

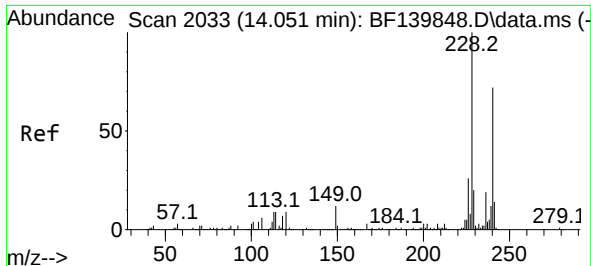
Ion Ratio Lower Upper

248 100

250 199.5 79.0 118.6#

141 434.3 61.7 92.5#

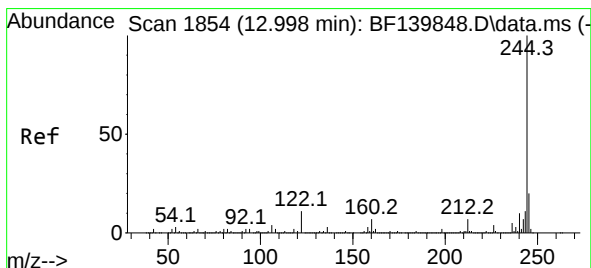
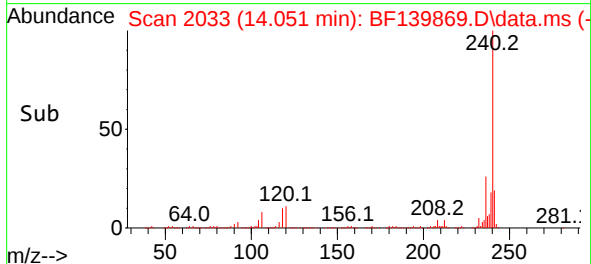
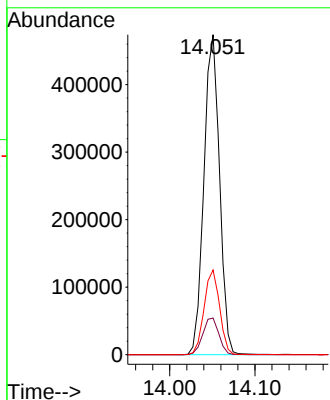
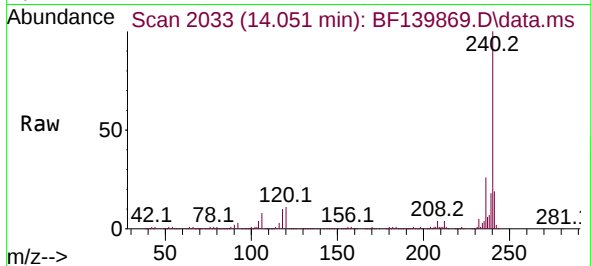




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2033
Delta R.T. 0.000 min
Lab File: BF139869.D
Acq: 19 Oct 2024 13:47

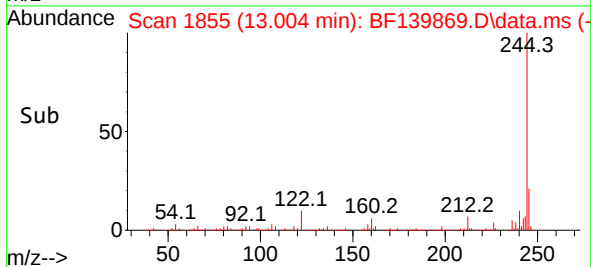
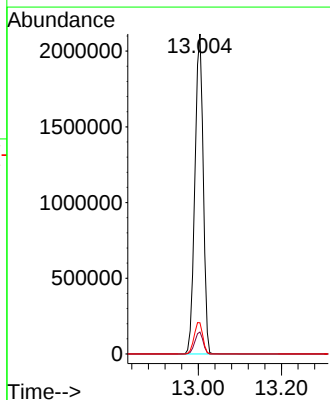
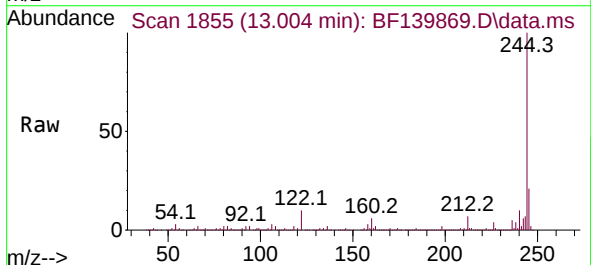
Instrument :
BNA_F
ClientSampleId :
PB164216BL

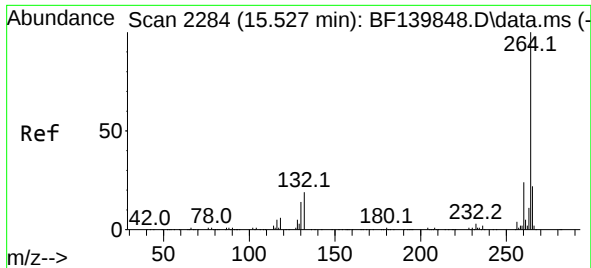
Tgt Ion:240 Resp: 603034
Ion Ratio Lower Upper
240 100
120 11.5 9.4 14.2
236 26.5 20.9 31.3



#79
Terphenyl-d14
Concen: 79.195 ng
RT: 13.004 min Scan# 1855
Delta R.T. 0.006 min
Lab File: BF139869.D
Acq: 19 Oct 2024 13:47

Tgt Ion:244 Resp: 2930842
Ion Ratio Lower Upper
244 100
212 6.9 5.7 8.5
122 9.8 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: BF139869.D
Acq: 19 Oct 2024 13:47

Instrument :
BNA_F
ClientSampleId :
PB164216BL

Tgt Ion:264 Resp: 446604

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.4	29.2
265	22.0	17.4	26.0

