

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101624\
 Data File : BF139823.D
 Acq On : 16 Oct 2024 11:05
 Operator : RC/JU
 Sample : PB164123BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB164123BL

Quant Time: Oct 16 11:51:14 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101524.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 15 16:41:54 2024
 Response via : Initial Calibration

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

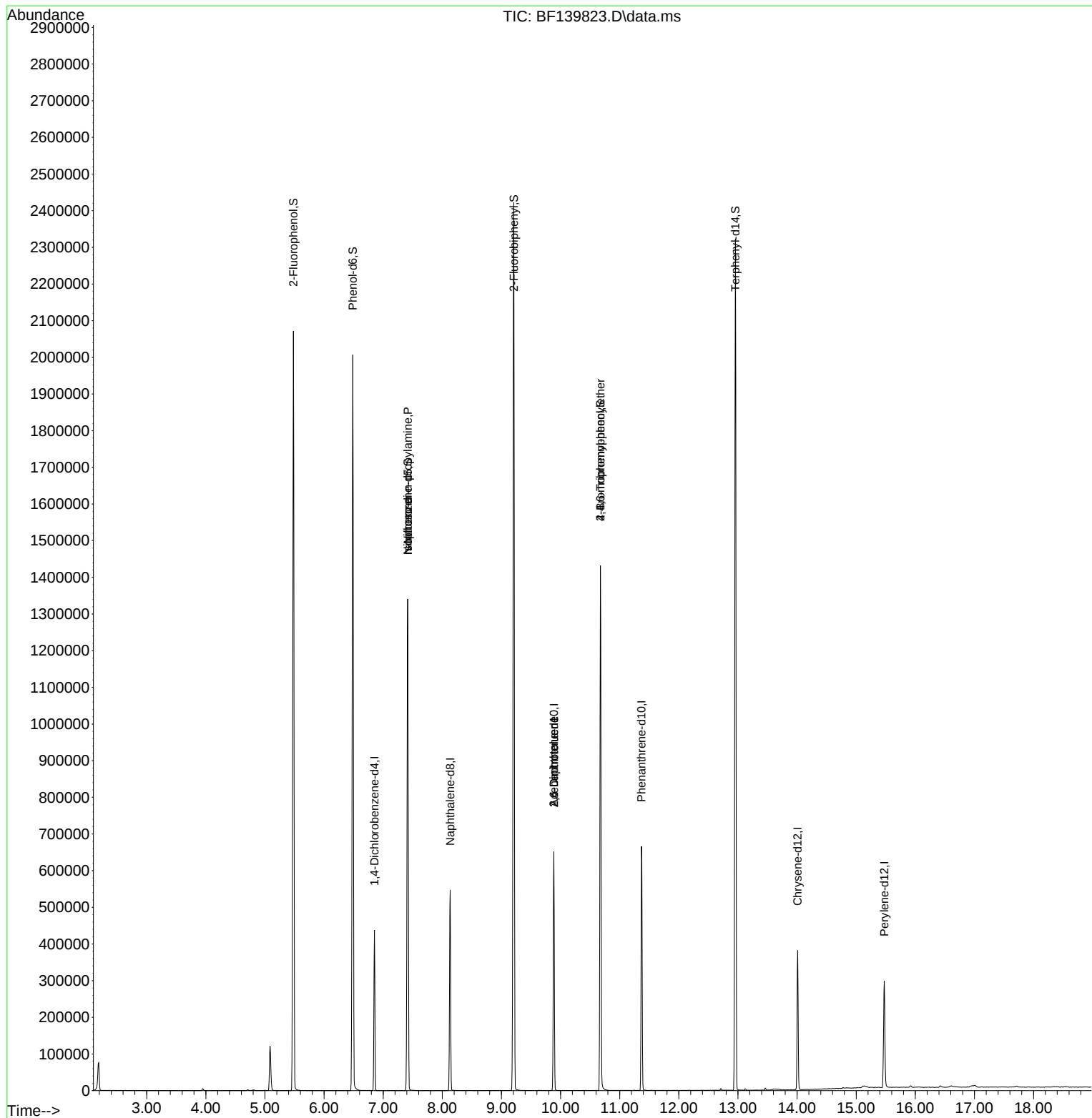
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.851	152	88705	20.000	ng	0.00
21) Naphthalene-d8	8.133	136	341905	20.000	ng	0.00
39) Acenaphthene-d10	9.886	164	193323	20.000	ng	0.00
64) Phenanthrene-d10	11.369	188	357793	20.000	ng	0.00
76) Chrysene-d12	14.010	240	179537	20.000	ng	0.00
86) Perylene-d12	15.474	264	171426	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	746048	141.908	ng	0.00
7) Phenol-d6	6.486	99	970029	138.740	ng	0.00
23) Nitrobenzene-d5	7.416	82	630770	94.956	ng	0.00
42) 2,4,6-Tribromophenol	10.674	330	231372	141.907	ng	0.00
45) 2-Fluorobiphenyl	9.210	172	1158261	89.612	ng	0.00
79) Terphenyl-d14	12.957	244	1147037	151.252	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.416	70	83560	20.523	ng	# 77
25) Isophorone	7.416	82	627925	55.390	ng	# 67
51) 2,6-Dinitrotoluene	9.886	165	24193	8.960	ng	# 22
57) 2,4-Dinitrotoluene	9.886	165	24193	7.258	ng	# 18
67) 4-Bromophenyl-phenylether	10.674	248	15113	3.921	ng	# 1

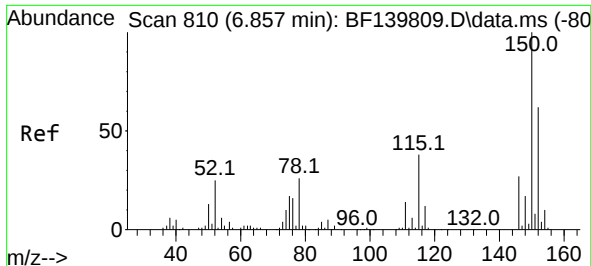
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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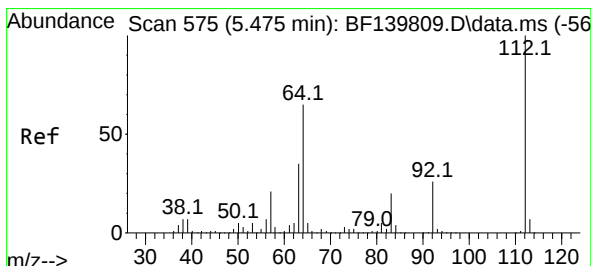
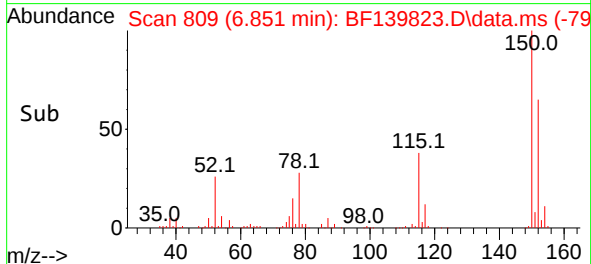
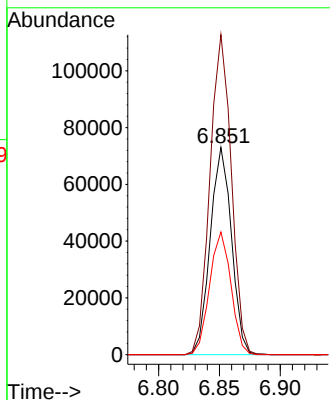
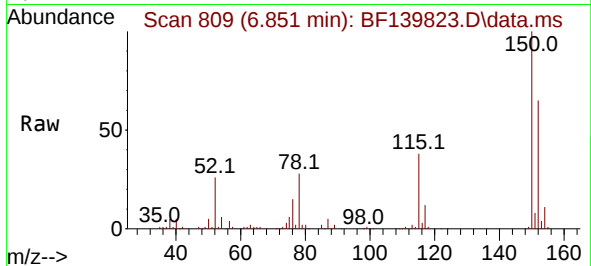




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.851 min Scan# 809
Delta R.T. -0.006 min
Lab File: BF139823.D
Acq: 16 Oct 2024 11:05

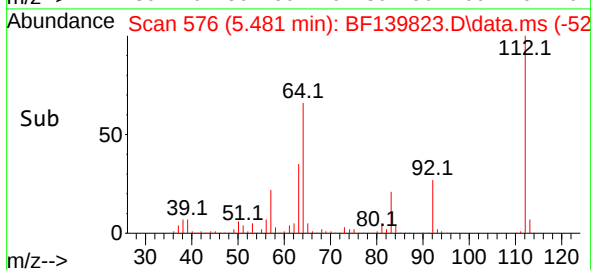
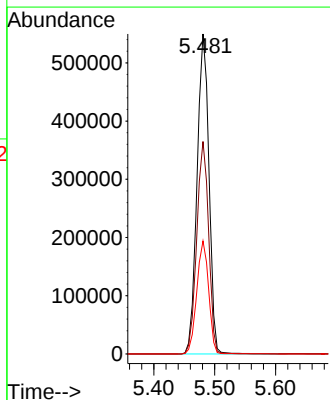
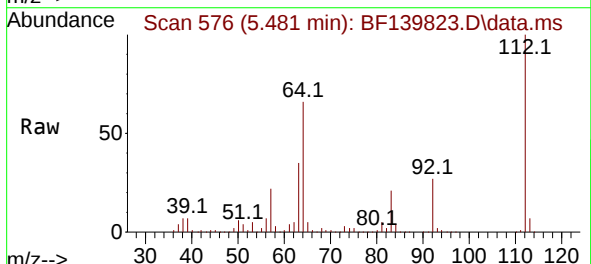
Instrument :
BNA_F
ClientSampleId :
PB164123BL

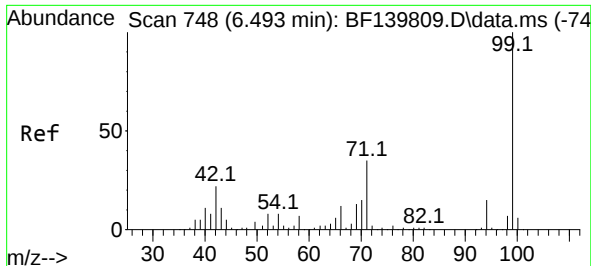
Tgt Ion:152 Resp: 88705
Ion Ratio Lower Upper
152 100
150 154.5 128.2 192.2
115 59.3 48.1 72.1



#5
2-Fluorophenol
Concen: 141.908 ng
RT: 5.481 min Scan# 576
Delta R.T. 0.006 min
Lab File: BF139823.D
Acq: 16 Oct 2024 11:05

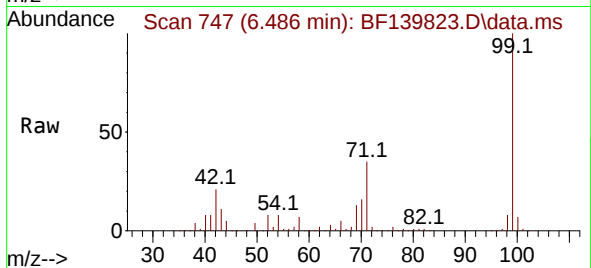
Tgt Ion:112 Resp: 746048
Ion Ratio Lower Upper
112 100
64 66.4 52.1 78.1
63 35.3 27.6 41.4



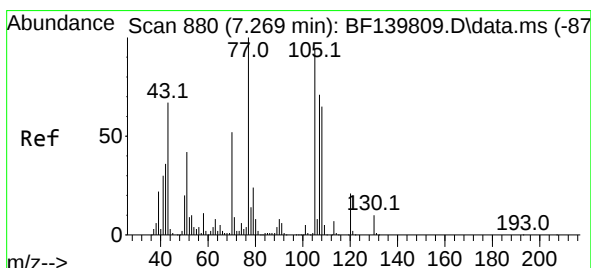
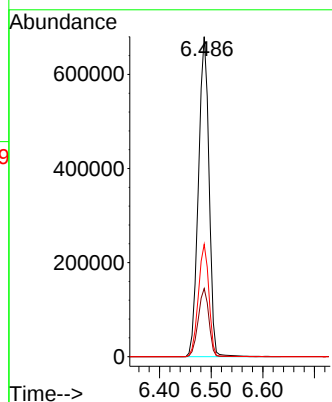
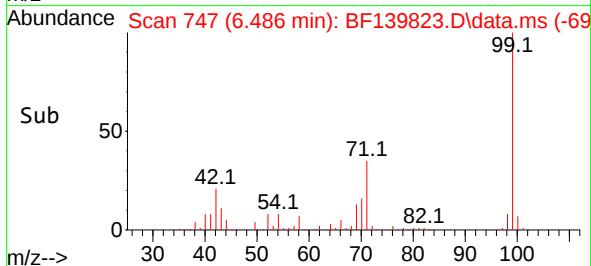


#7
Phenol-d6
Concen: 138.740 ng
RT: 6.486 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF139823.D
Acq: 16 Oct 2024 11:05

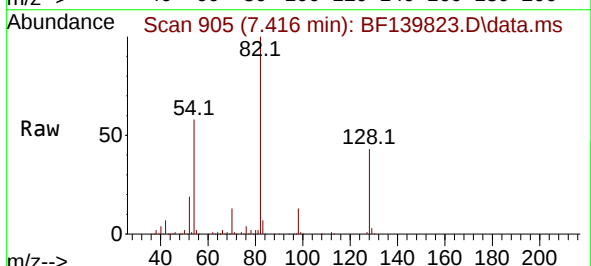
Instrument :
BNA_F
ClientSampleId :
PB164123BL



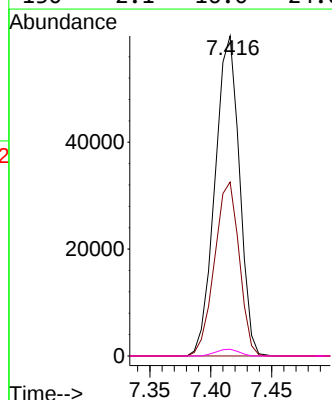
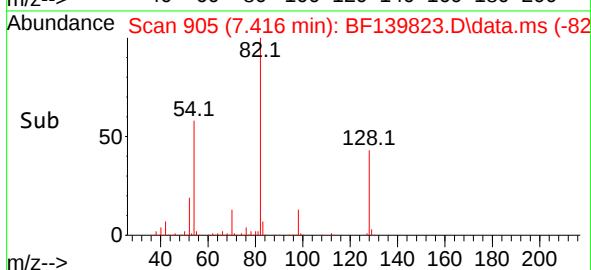
Tgt Ion:	99	Resp:	970029
Ion	Ratio	Lower	Upper
99	100		
42	21.3	17.3	25.9
71	35.1	27.8	41.6

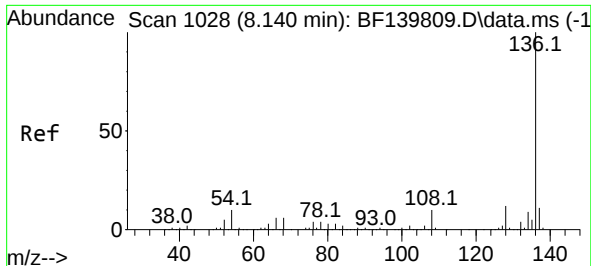


#19
n-Nitroso-di-n-propylamine
Concen: 20.523 ng
RT: 7.416 min Scan# 905
Delta R.T. 0.147 min
Lab File: BF139823.D
Acq: 16 Oct 2024 11:05



Tgt Ion:	70	Resp:	83560
Ion	Ratio	Lower	Upper
70	100		
42	54.3	55.8	83.6#
101	0.0	7.4	11.0#
130	2.1	16.0	24.0#





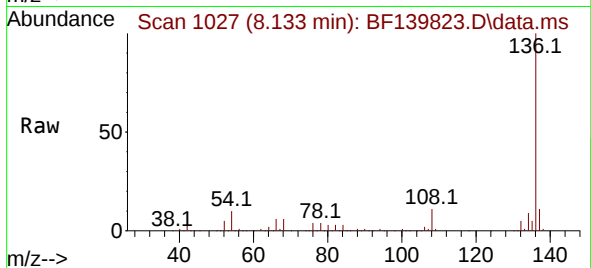
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.133 min Scan# 1027
Delta R.T. -0.007 min
Lab File: BF139823.D
Acq: 16 Oct 2024 11:05

Instrument :

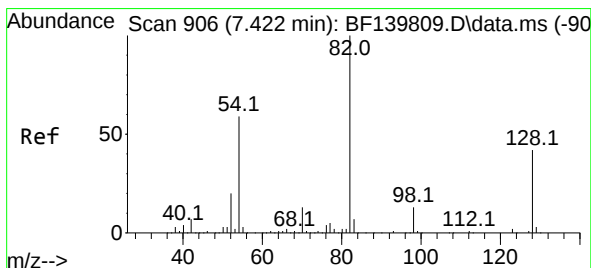
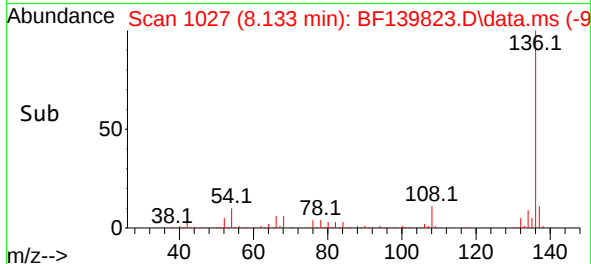
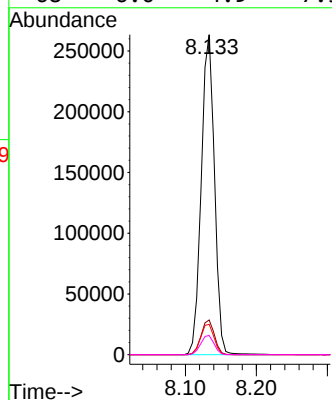
BNA_F

ClientSampleId :

PB164123BL

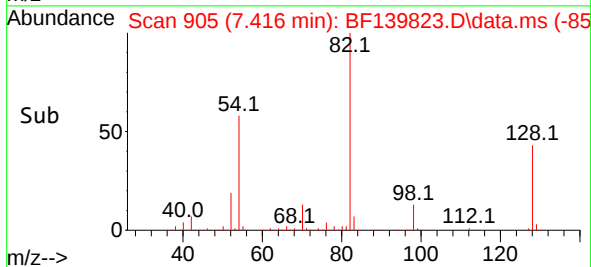
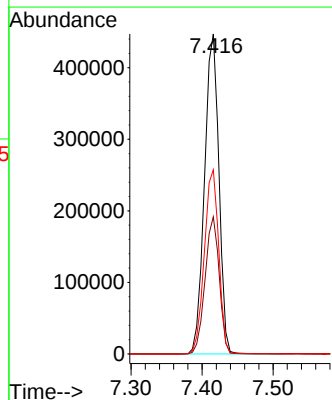
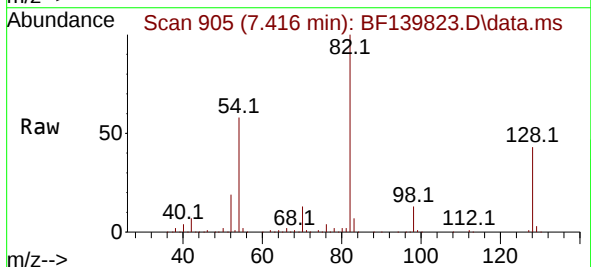


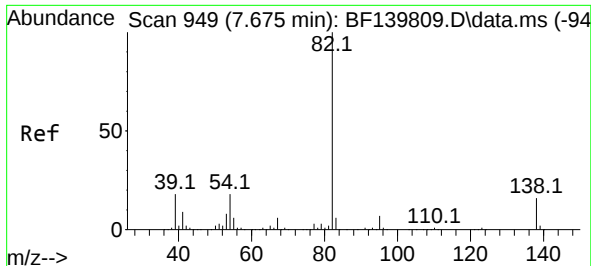
Tgt Ion:	136	Resp:	341905
Ion Ratio	Lower	Upper	
136	100		
137	10.9	8.5	12.7
54	9.5	7.7	11.5
68	6.0	4.9	7.3



#23
Nitrobenzene-d5
Concen: 94.956 ng
RT: 7.416 min Scan# 905
Delta R.T. -0.006 min
Lab File: BF139823.D
Acq: 16 Oct 2024 11:05

Tgt Ion:	82	Resp:	630770
Ion Ratio	Lower	Upper	
82	100		
128	42.9	33.9	50.9
54	57.6	46.9	70.3

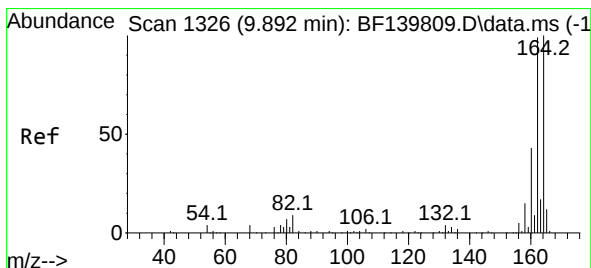
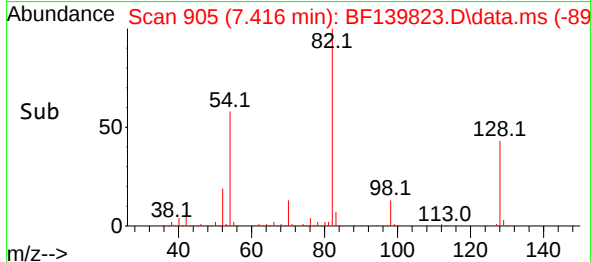
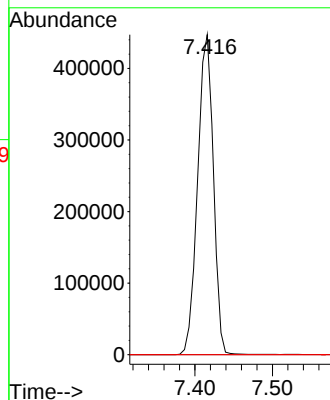
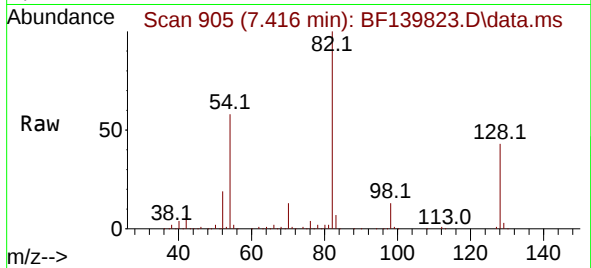




#25
Isophorone
Concen: 55.390 ng
RT: 7.416 min Scan# 90
Delta R.T. -0.259 min
Lab File: BF139823.D
Acq: 16 Oct 2024 11:05

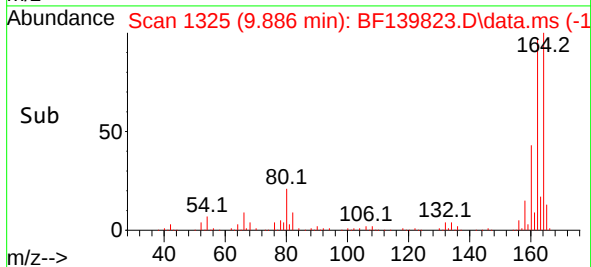
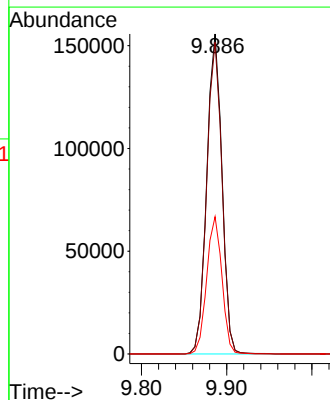
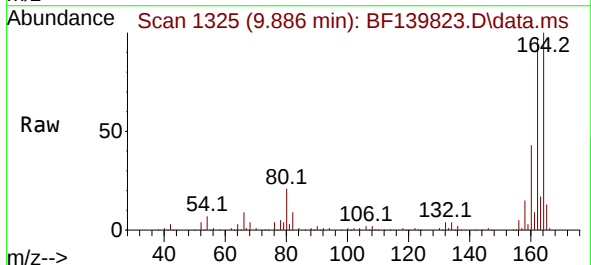
Instrument :
BNA_F
ClientSampleId :
PB164123BL

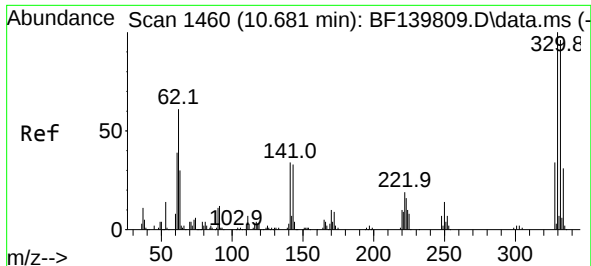
Tgt Ion: 82 Resp: 627925
Ion Ratio Lower Upper
82 100
95 0.0 5.9 8.9#
138 0.0 13.2 19.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.886 min Scan# 1325
Delta R.T. -0.006 min
Lab File: BF139823.D
Acq: 16 Oct 2024 11:05

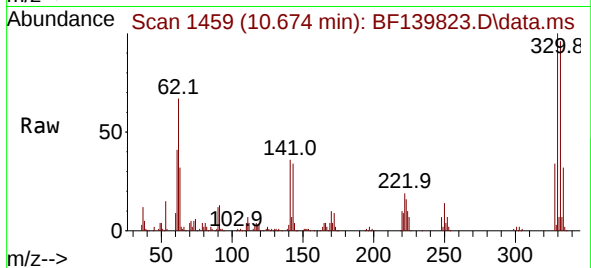
Tgt Ion:164 Resp: 193323
Ion Ratio Lower Upper
164 100
162 97.4 79.1 118.7
160 42.9 34.4 51.6



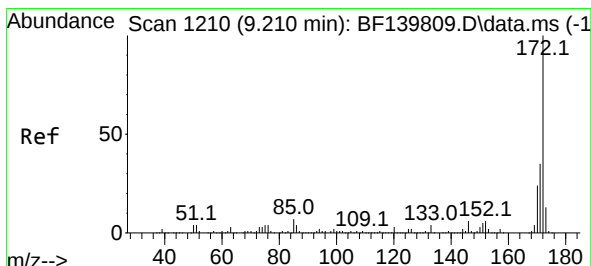
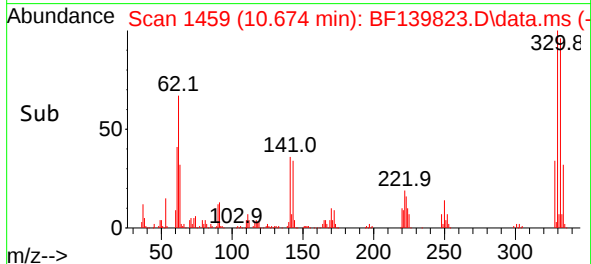
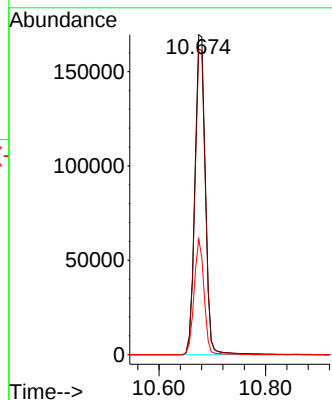


#42
2,4,6-Tribromophenol
Concen: 141.907 ng
RT: 10.674 min Scan# 1459
Delta R.T. -0.006 min
Lab File: BF139823.D
Acq: 16 Oct 2024 11:05

Instrument :
BNA_F
ClientSampleId :
PB164123BL

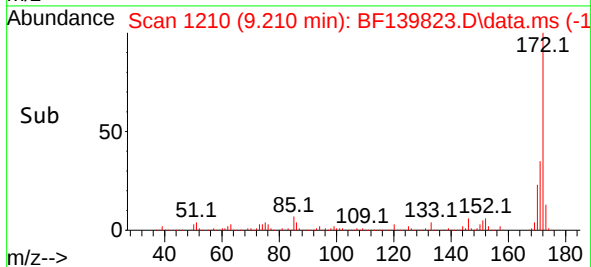
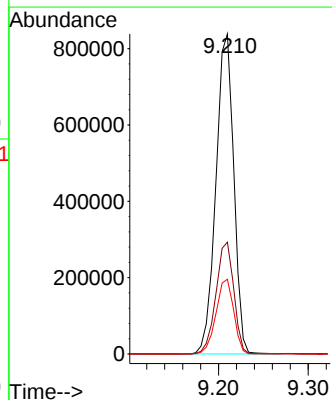
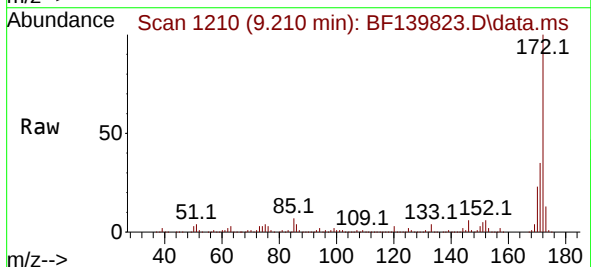


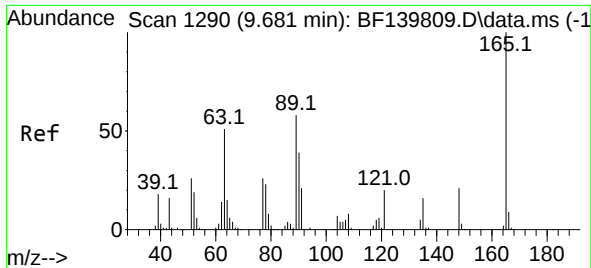
Tgt Ion: 330 Resp: 231372
Ion Ratio Lower Upper
330 100
332 95.5 76.6 114.8
141 34.4 27.8 41.6



#45
2-Fluorobiphenyl
Concen: 89.612 ng
RT: 9.210 min Scan# 1210
Delta R.T. -0.000 min
Lab File: BF139823.D
Acq: 16 Oct 2024 11:05

Tgt Ion: 172 Resp: 1158261
Ion Ratio Lower Upper
172 100
171 35.0 28.2 42.2
170 23.4 18.9 28.3

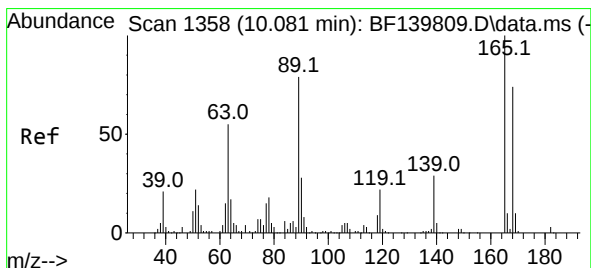
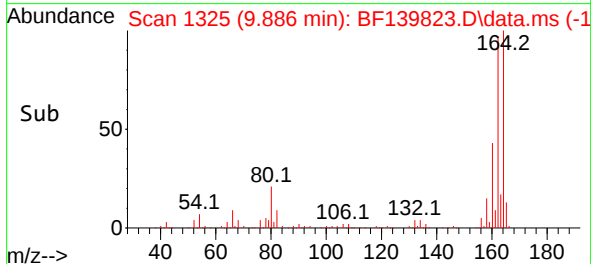
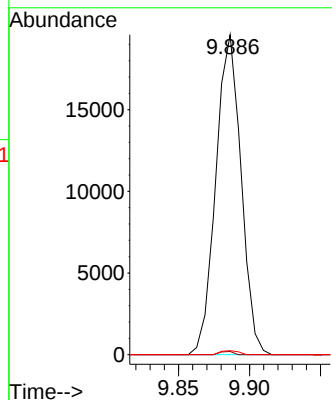
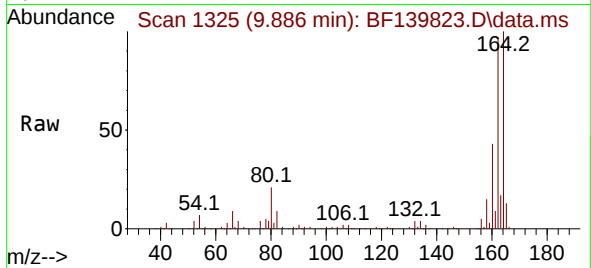




#51
2,6-Dinitrotoluene
Concen: 8.960 ng
RT: 9.886 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF139823.D
Acq: 16 Oct 2024 11:05

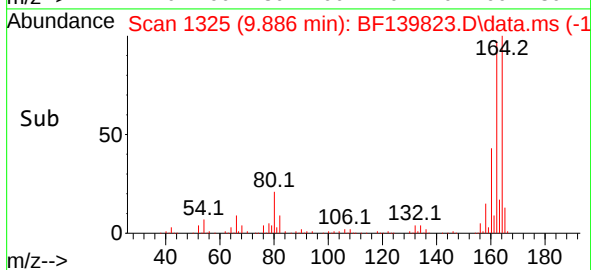
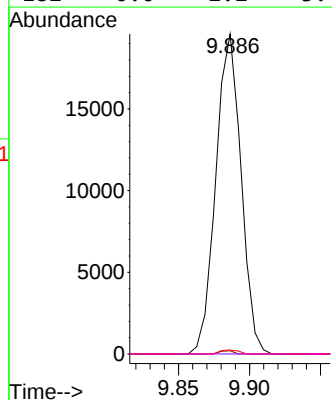
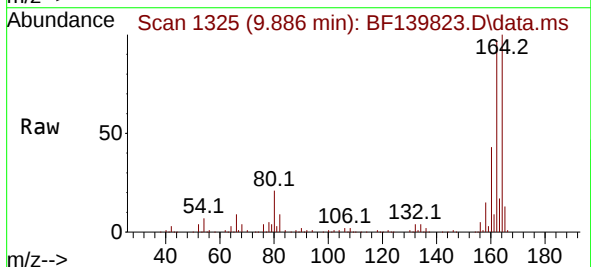
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BNA_F
ClientSampleId :
PB164123BL

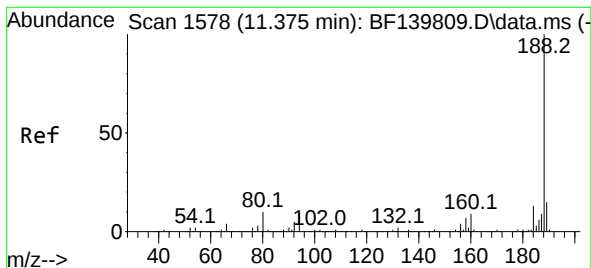
Tgt Ion:165 Resp: 24193
Ion Ratio Lower Upper
165 100
63 1.0 50.0 75.0#
89 1.2 46.8 70.2#



#57
2,4-Dinitrotoluene
Concen: 7.258 ng
RT: 9.886 min Scan# 1325
Delta R.T. -0.195 min
Lab File: BF139823.D
Acq: 16 Oct 2024 11:05

Tgt Ion:165 Resp: 24193
Ion Ratio Lower Upper
165 100
63 1.0 44.7 67.1#
89 1.2 63.1 94.7#
182 0.0 2.2 3.4#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.369 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF139823.D

Acq: 16 Oct 2024 11:05

Instrument :

BNA_F

ClientSampleId :

PB164123BL

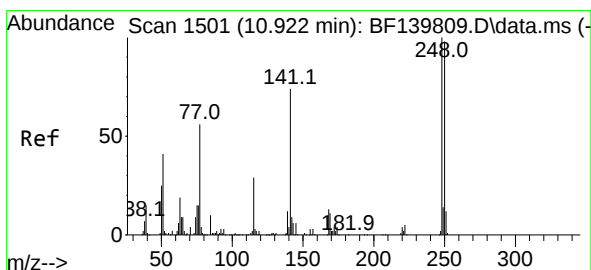
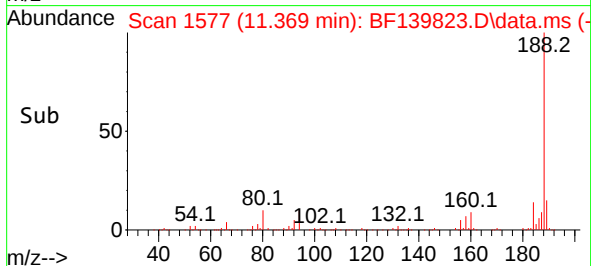
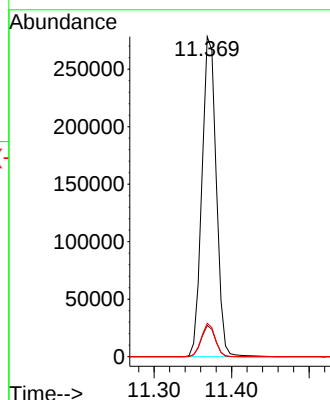
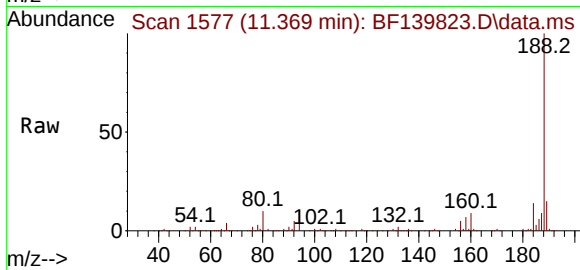
Tgt Ion:188 Resp: 357793

Ion Ratio Lower Upper

188 100

94 9.8 7.3 10.9

80 10.4 7.8 11.8



#67

4-Bromophenyl-phenylether

Concen: 3.921 ng

RT: 10.674 min Scan# 1459

Delta R.T. -0.247 min

Lab File: BF139823.D

Acq: 16 Oct 2024 11:05

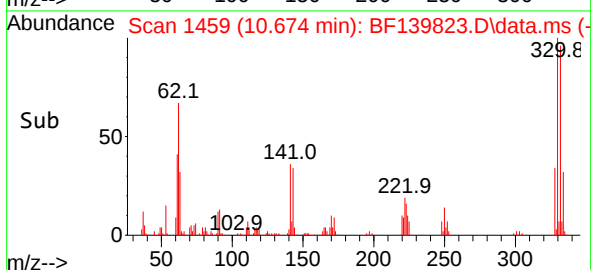
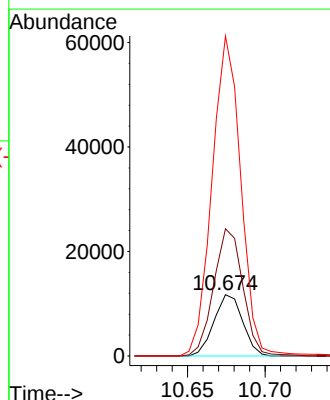
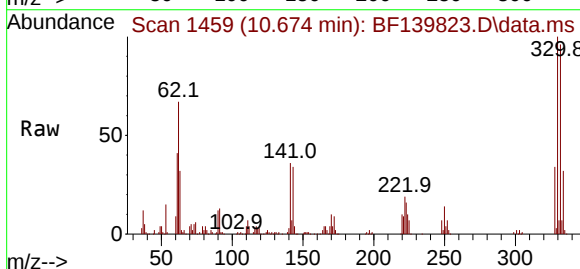
Tgt Ion:248 Resp: 15113

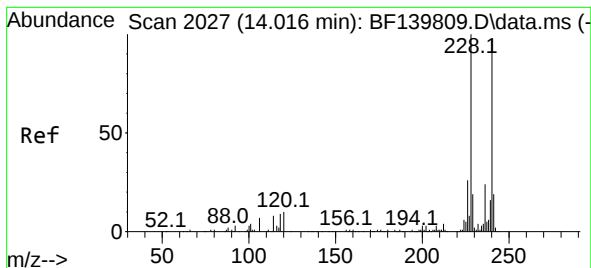
Ion Ratio Lower Upper

248 100

250 207.2 78.7 118.1#

141 521.6 58.9 88.3#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.010 min Scan# 2027

Delta R.T. -0.006 min

Lab File: BF139823.D

Acq: 16 Oct 2024 11:05

Instrument :

BNA_F

ClientSampleId :

PB164123BL

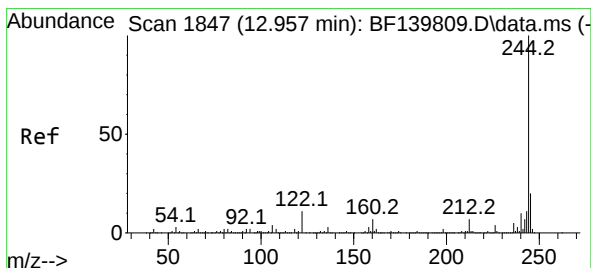
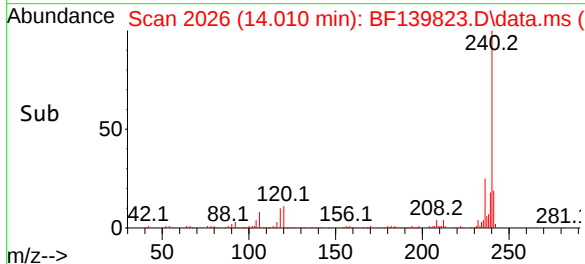
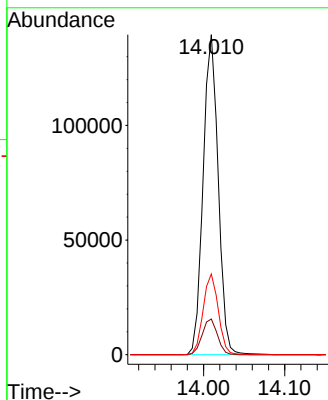
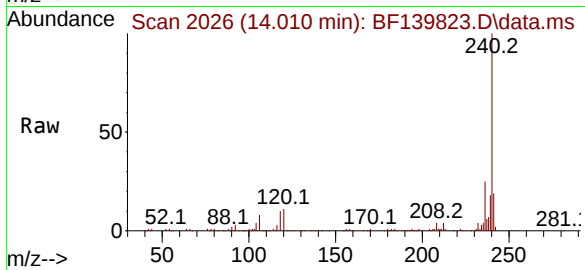
Tgt Ion:240 Resp: 179537

Ion Ratio Lower Upper

240 100

120 11.1 8.6 12.8

236 25.2 20.0 30.0



#79

Terphenyl-d14

Concen: 151.252 ng

RT: 12.957 min Scan# 1847

Delta R.T. -0.000 min

Lab File: BF139823.D

Acq: 16 Oct 2024 11:05

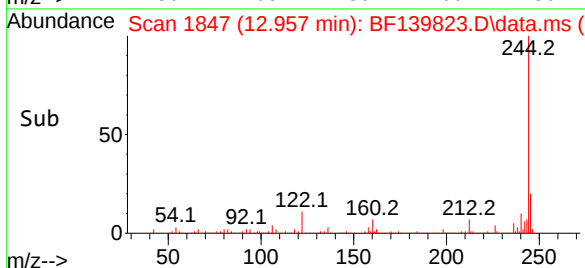
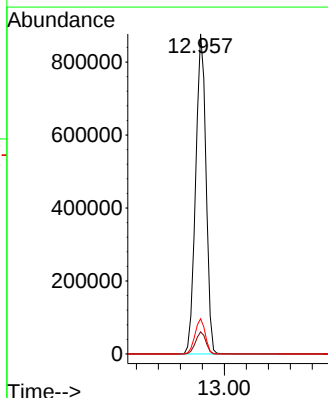
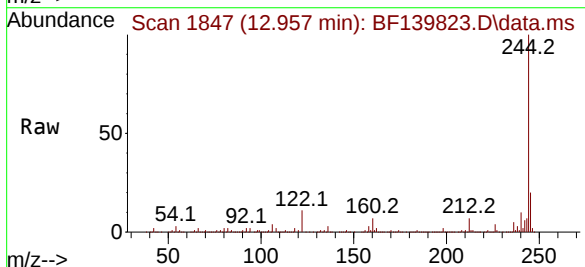
Tgt Ion:244 Resp: 1147037

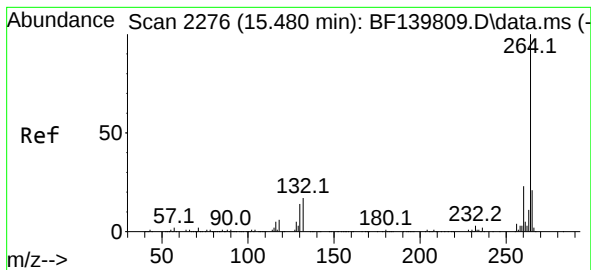
Ion Ratio Lower Upper

244 100

212 6.9 5.5 8.3

122 11.0 8.9 13.3





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.474 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF139823.D

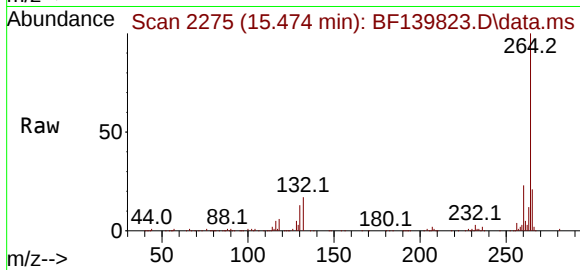
Acq: 16 Oct 2024 11:05

Instrument :

BNA_F

ClientSampleId :

PB164123BL



Tgt Ion:264 Resp: 171426

Ion Ratio Lower Upper

264 100

260 23.0 18.8 28.2

265 20.9 17.2 25.8

