

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102424\
 Data File : BF139993.D
 Acq On : 24 Oct 2024 11:20
 Operator : RC/JU
 Sample : PB164315BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB164315BL

Quant Time: Oct 24 11:52:37 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)

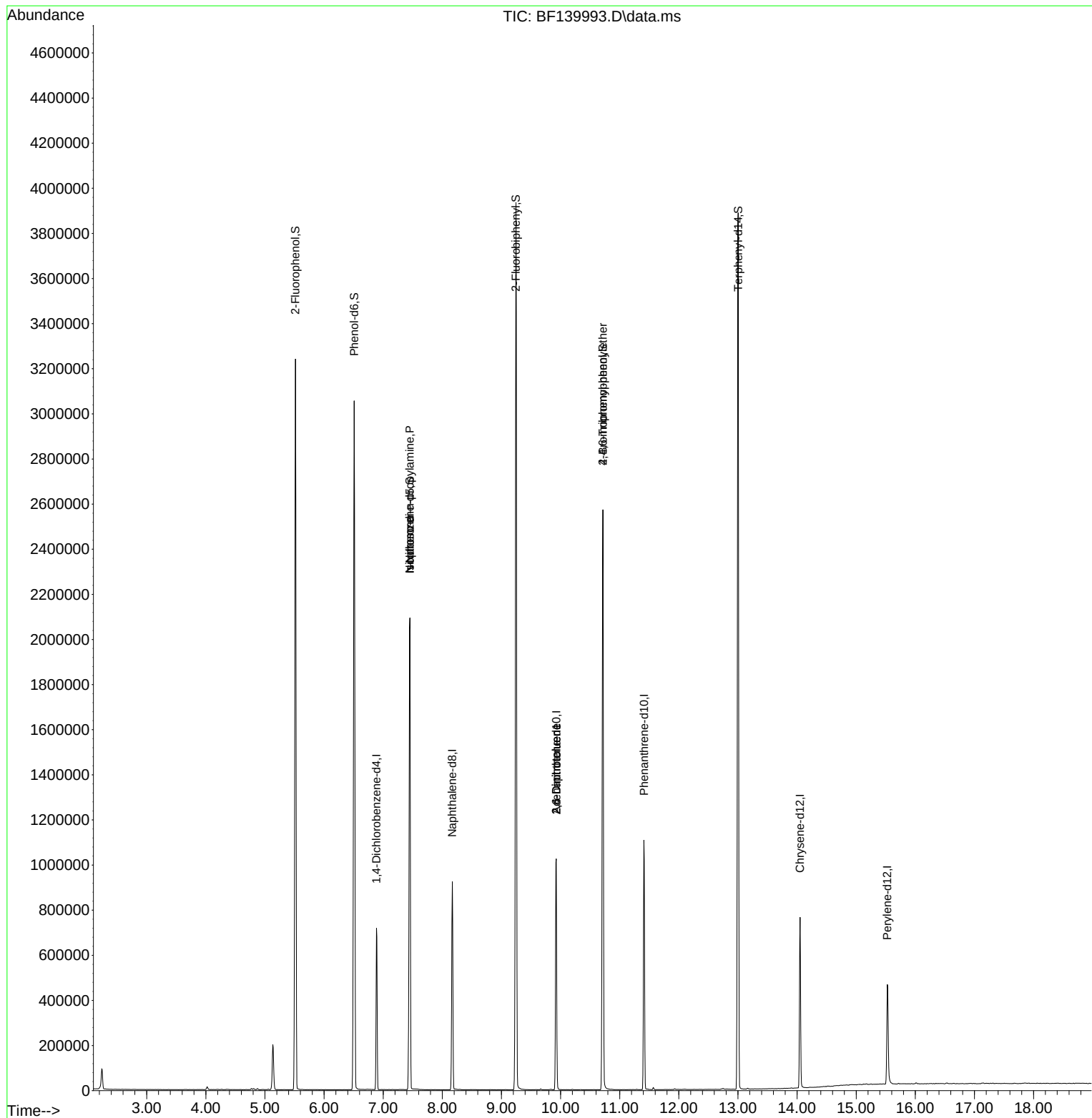
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.886	152	148560	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	574491	20.000	ng	0.00
39) Acenaphthene-d10	9.927	164	327603	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	592376	20.000	ng	0.00
76) Chrysene-d12	14.051	240	363554	20.000	ng	0.00
86) Perylene-d12	15.527	264	290384	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	1274979	134.354	ng	0.02
7) Phenol-d6	6.510	99	1593884	129.682	ng	0.00
23) Nitrobenzene-d5	7.451	82	1033088	99.666	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	494475	161.367	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1880319	94.859	ng	0.00
79) Terphenyl-d14	13.004	244	2127175	95.342	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.451	70	140393	18.834	ng	# 75
25) Isophorone	7.451	82	1028232	52.264	ng	# 67
51) 2,6-Dinitrotoluene	9.927	165	42057	9.519	ng	# 21
57) 2,4-Dinitrotoluene	9.927	165	42057	7.741	ng	# 21
67) 4-Bromophenyl-phenylether	10.716	248	30990	5.078	ng	# 1

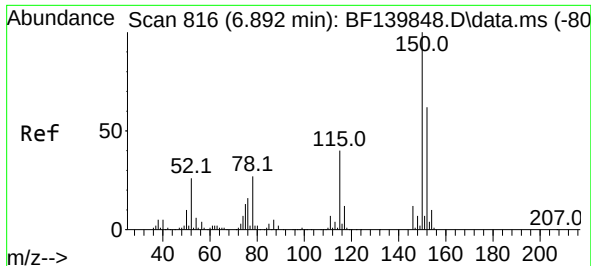
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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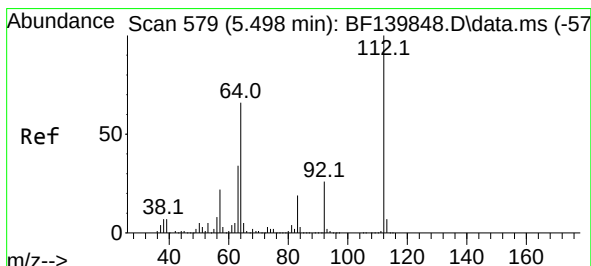
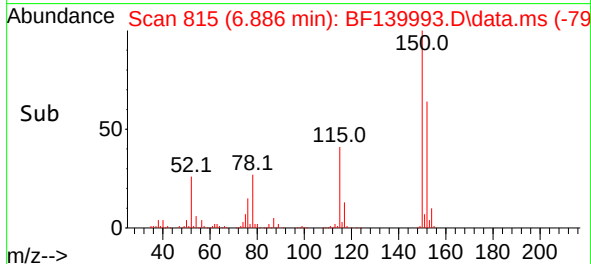
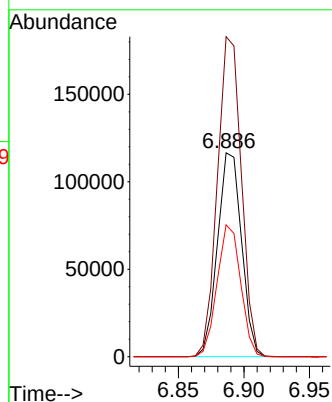
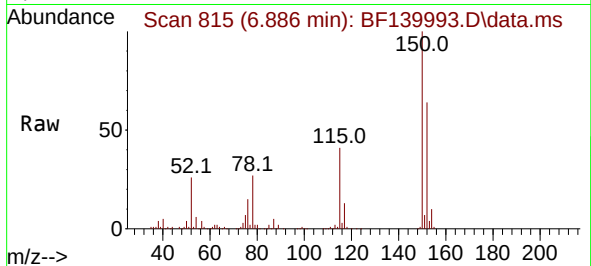




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.886 min Scan# 816
Delta R.T. -0.006 min
Lab File: BF139993.D
Acq: 24 Oct 2024 11:20

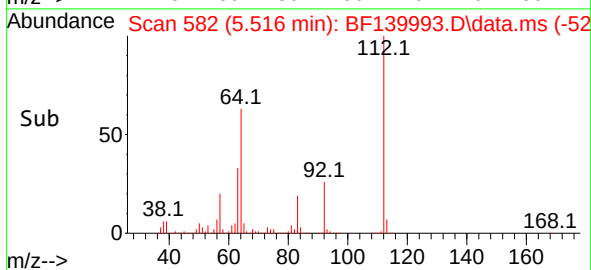
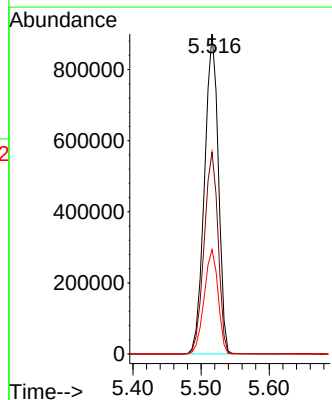
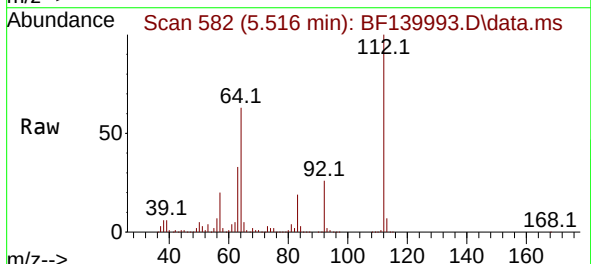
Instrument :
BNA_F
ClientSampleId :
PB164315BL

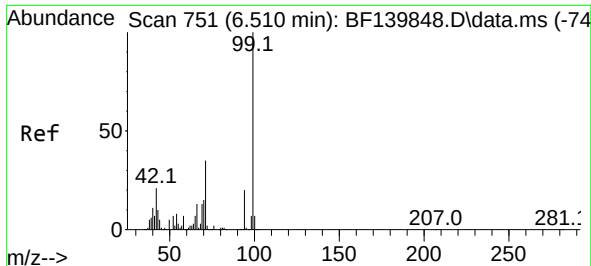
Tgt Ion:152 Resp: 148560
Ion Ratio Lower Upper
152 100
150 156.9 130.2 195.2
115 64.6 51.4 77.2



#5
2-Fluorophenol
Concen: 134.354 ng
RT: 5.516 min Scan# 582
Delta R.T. 0.018 min
Lab File: BF139993.D
Acq: 24 Oct 2024 11:20

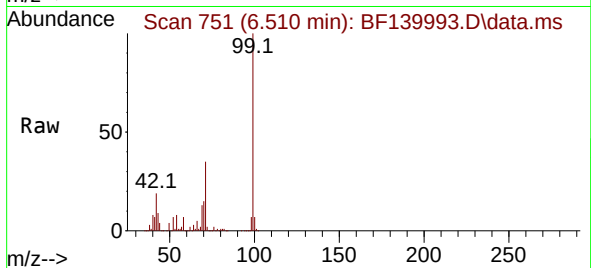
Tgt Ion:112 Resp: 1274979
Ion Ratio Lower Upper
112 100
64 63.0 53.0 79.6
63 32.6 27.0 40.4





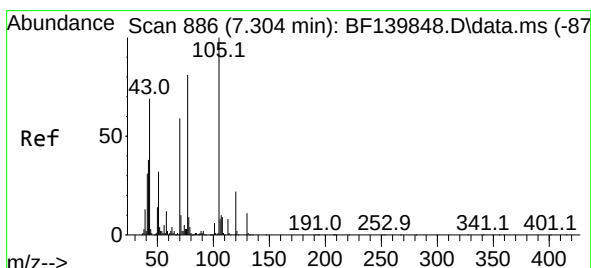
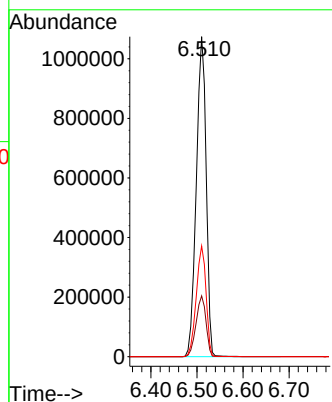
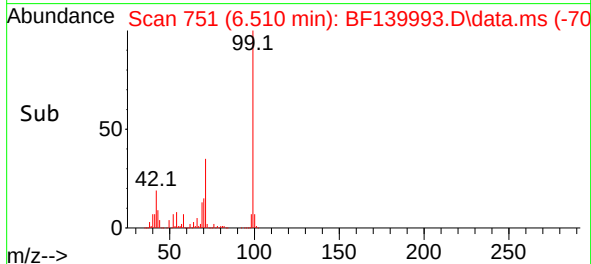
#7
Phenol-d6
Concen: 129.682 ng
RT: 6.510 min Scan# 710
Delta R.T. -0.000 min
Lab File: BF139993.D
Acq: 24 Oct 2024 11:20

Instrument :
BNA_F
ClientSampleId :
PB164315BL

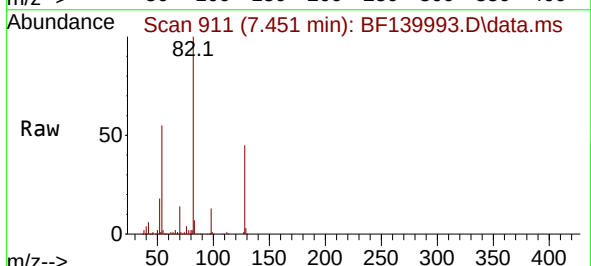


Tgt Ion: 99 Resp: 1593884

Ion	Ratio	Lower	Upper
99	100		
42	19.0	16.7	25.1
71	34.6	27.7	41.5

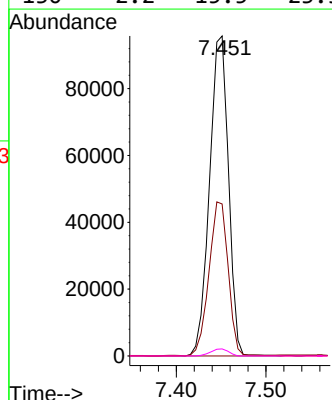
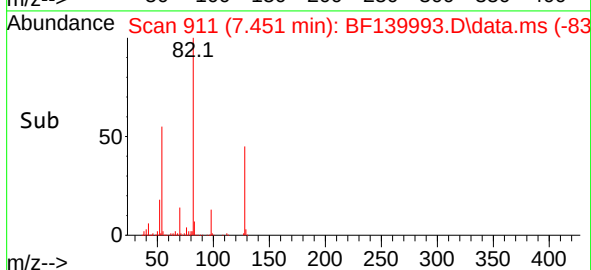


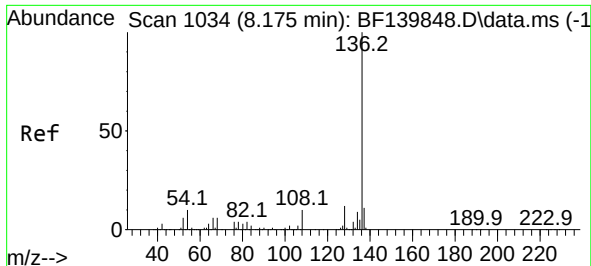
#19
n-Nitroso-di-n-propylamine
Concen: 18.834 ng
RT: 7.451 min Scan# 911
Delta R.T. 0.147 min
Lab File: BF139993.D
Acq: 24 Oct 2024 11:20



Tgt Ion: 70 Resp: 140393

Ion	Ratio	Lower	Upper
70	100		
42	47.5	51.5	77.3#
101	0.0	7.5	11.3#
130	2.2	15.5	23.3#

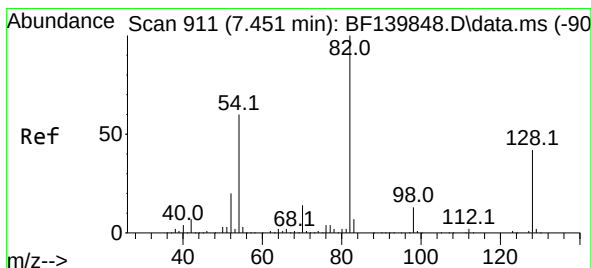
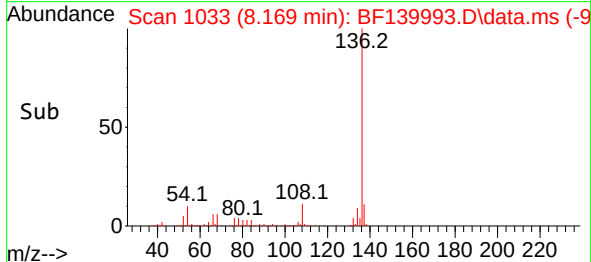
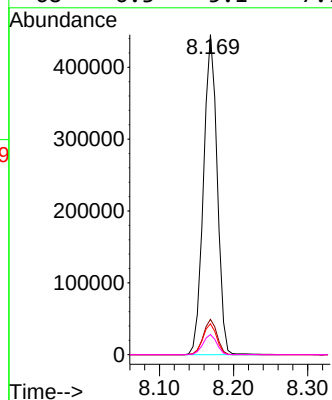
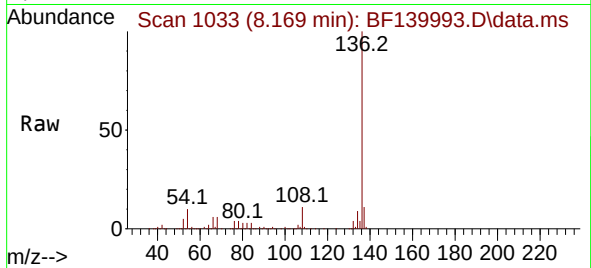




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1034
Delta R.T. -0.006 min
Lab File: BF139993.D
Acq: 24 Oct 2024 11:20

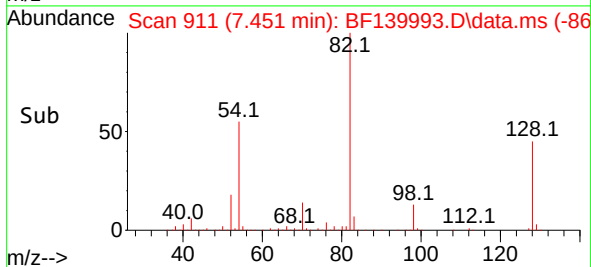
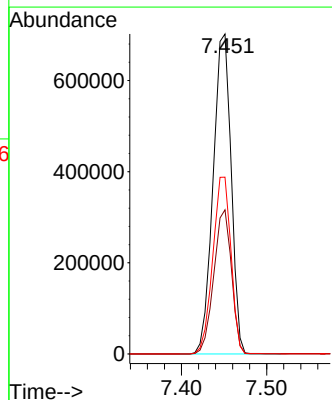
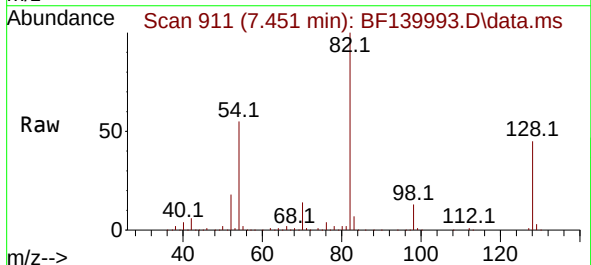
Instrument :
BNA_F
ClientSampleId :
PB164315BL

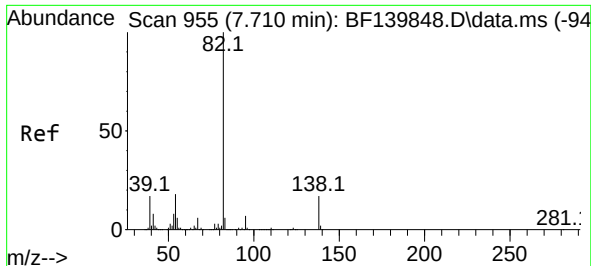
Tgt Ion:136 Resp: 574491
Ion Ratio Lower Upper
136 100
137 11.1 8.6 12.8
54 9.7 8.4 12.6
68 6.3 5.1 7.7



#23
Nitrobenzene-d5
Concen: 99.666 ng
RT: 7.451 min Scan# 911
Delta R.T. -0.000 min
Lab File: BF139993.D
Acq: 24 Oct 2024 11:20

Tgt Ion: 82 Resp: 1033088
Ion Ratio Lower Upper
82 100
128 45.0 33.4 50.0
54 55.3 47.8 71.8

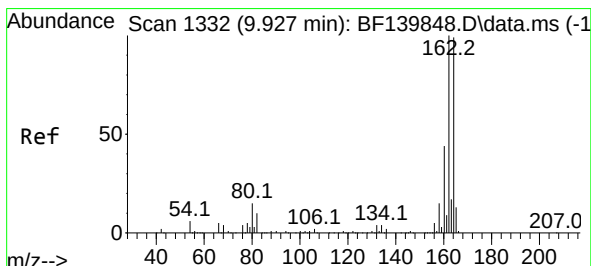
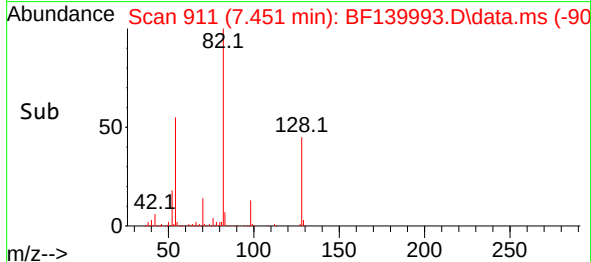
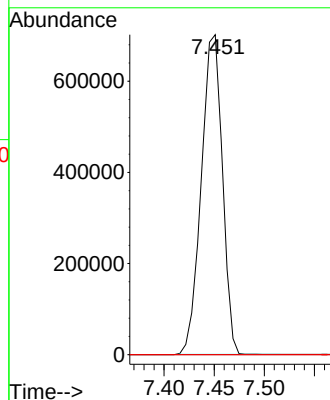
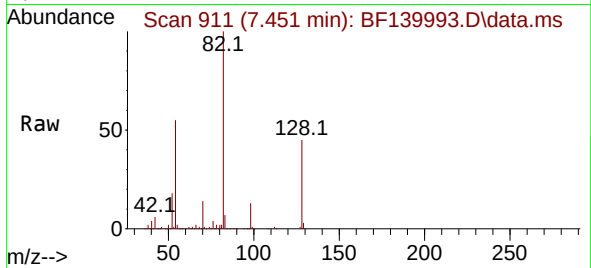




#25
Isophorone
Concen: 52.264 ng
RT: 7.451 min Scan# 911
Delta R.T. -0.259 min
Lab File: BF139993.D
Acq: 24 Oct 2024 11:20

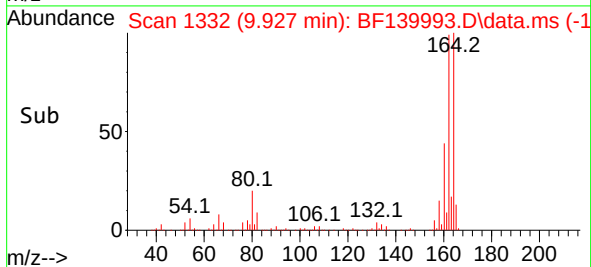
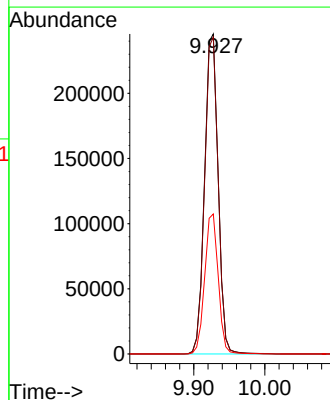
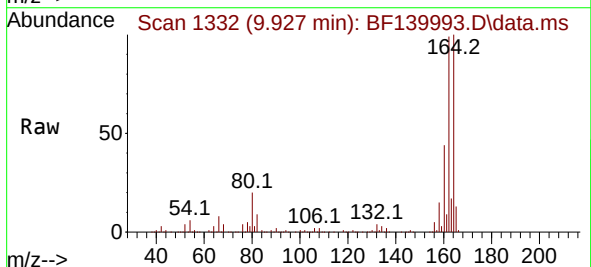
Instrument :
BNA_F
ClientSampleId :
PB164315BL

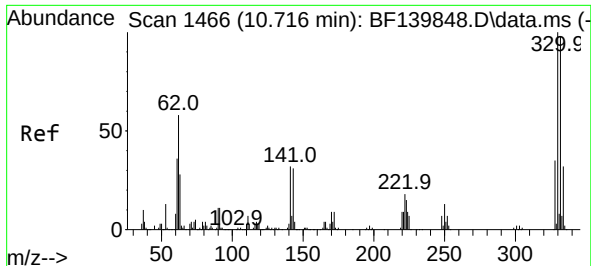
Tgt Ion: 82 Resp: 1028232
Ion Ratio Lower Upper
82 100
95 0.0 5.5 8.3#
138 0.0 13.2 19.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.927 min Scan# 1332
Delta R.T. 0.000 min
Lab File: BF139993.D
Acq: 24 Oct 2024 11:20

Tgt Ion:164 Resp: 327603
Ion Ratio Lower Upper
164 100
162 99.0 81.0 121.4
160 43.7 35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 161.367 ng

RT: 10.716 min Scan# 1466

Delta R.T. -0.000 min

Lab File: BF139993.D

Acq: 24 Oct 2024 11:20

Instrument :

BNA_F

ClientSampleId :

PB164315BL

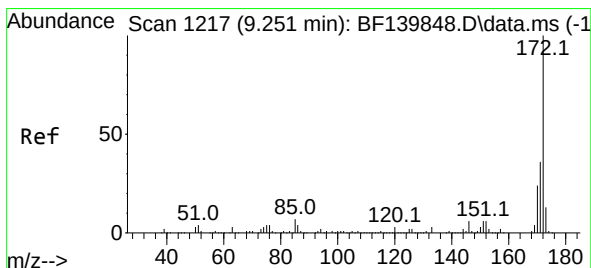
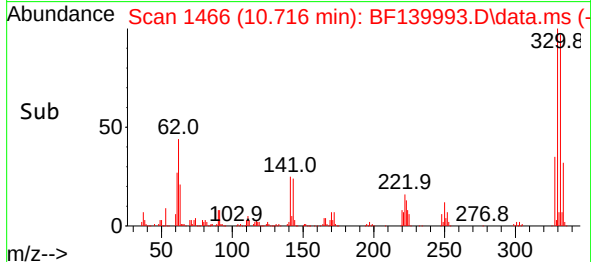
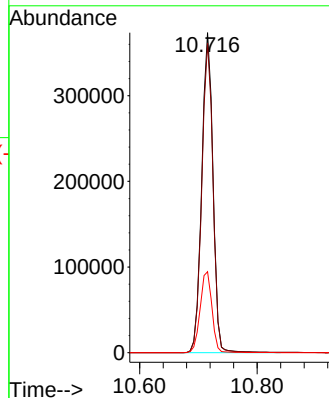
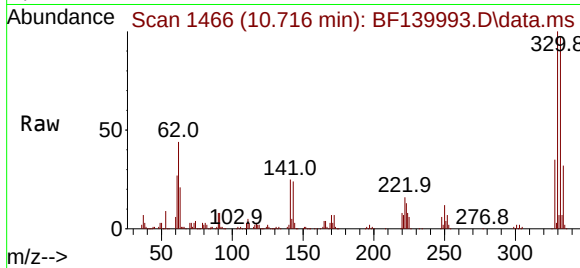
Tgt Ion:330 Resp: 494475

Ion Ratio Lower Upper

330 100

332 96.5 78.1 117.1

141 26.7 26.6 39.8



#45

2-Fluorobiphenyl

Concen: 94.859 ng

RT: 9.245 min Scan# 1216

Delta R.T. -0.006 min

Lab File: BF139993.D

Acq: 24 Oct 2024 11:20

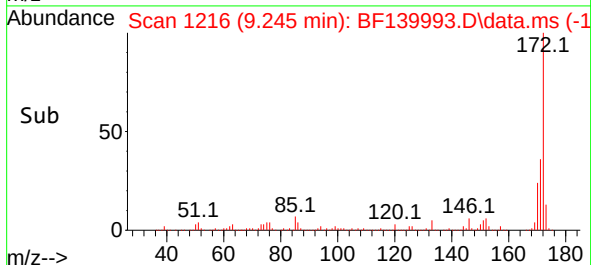
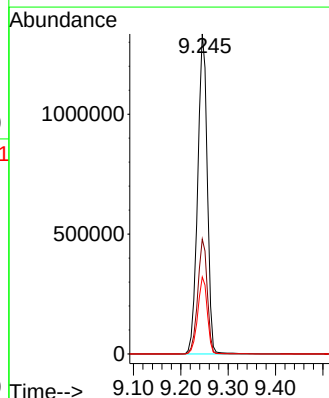
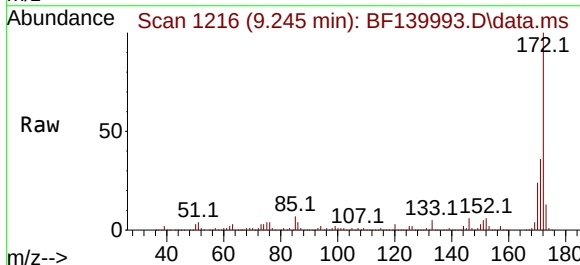
Tgt Ion:172 Resp: 1880319

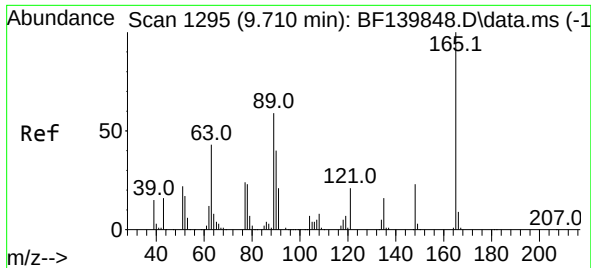
Ion Ratio Lower Upper

172 100

171 35.9 28.6 43.0

170 24.0 19.1 28.7

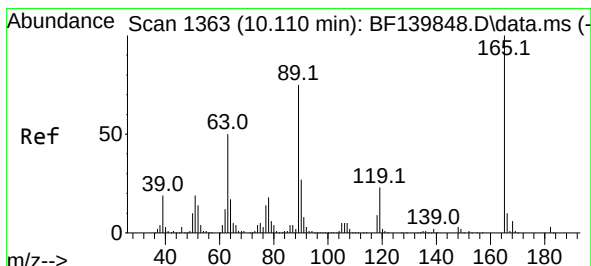
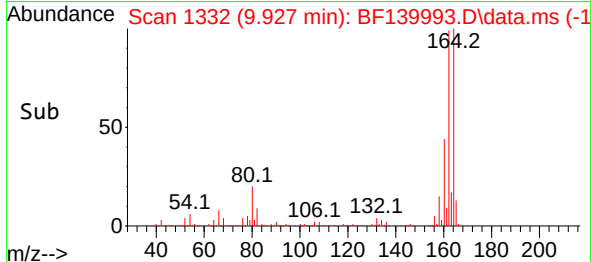
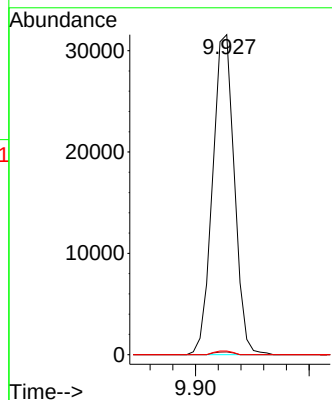
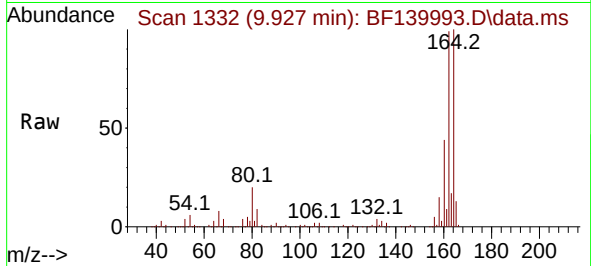




#51
2,6-Dinitrotoluene
Concen: 9.519 ng
RT: 9.927 min Scan# 11
Delta R.T. 0.218 min
Lab File: BF139993.D
Acq: 24 Oct 2024 11:20

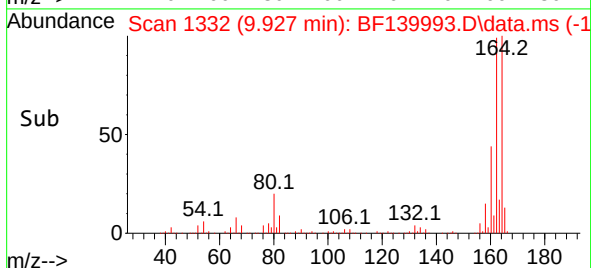
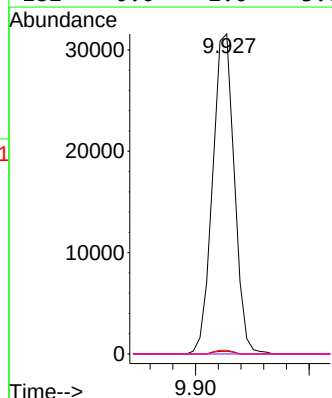
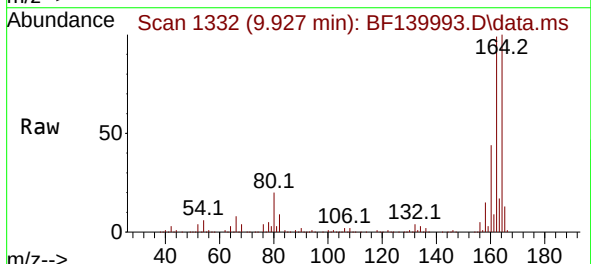
Instrument :
BNA_F
ClientSampleId :
PB164315BL

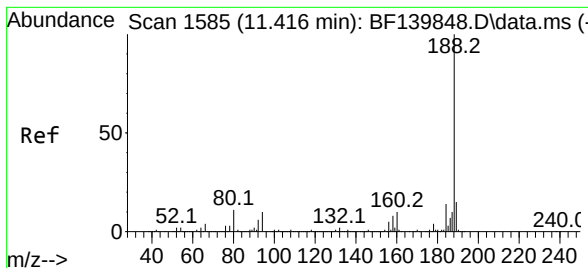
Tgt Ion:165 Resp: 42057
Ion Ratio Lower Upper
165 100
63 0.8 50.6 75.8#
89 1.1 47.5 71.3#



#57
2,4-Dinitrotoluene
Concen: 7.741 ng
RT: 9.927 min Scan# 1332
Delta R.T. -0.182 min
Lab File: BF139993.D
Acq: 24 Oct 2024 11:20

Tgt Ion:165 Resp: 42057
Ion Ratio Lower Upper
165 100
63 0.8 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: BF139993.D

Acq: 24 Oct 2024 11:20

Instrument :

BNA_F

ClientSampleId :

PB164315BL

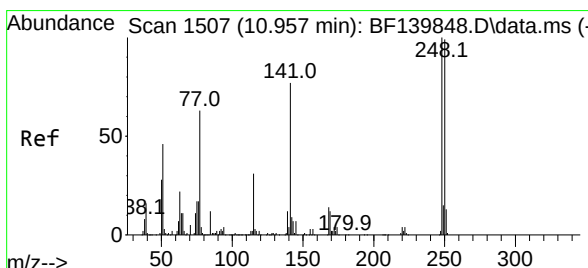
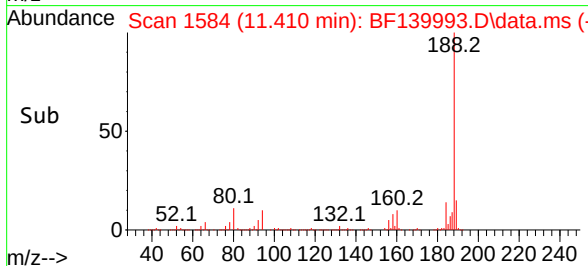
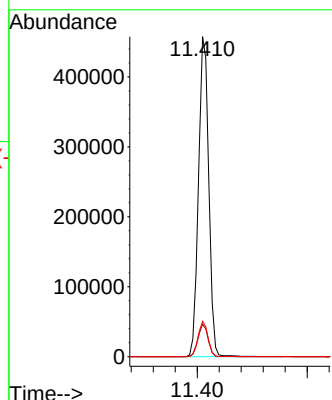
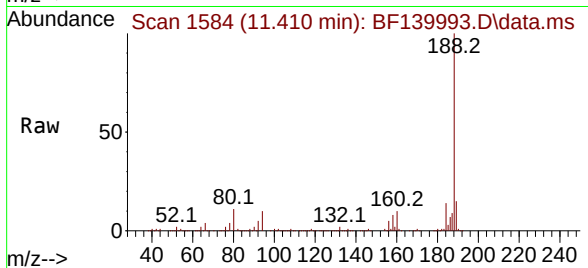
Tgt Ion:188 Resp: 592376

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: 5.078 ng

RT: 10.716 min Scan# 1466

Delta R.T. -0.241 min

Lab File: BF139993.D

Acq: 24 Oct 2024 11:20

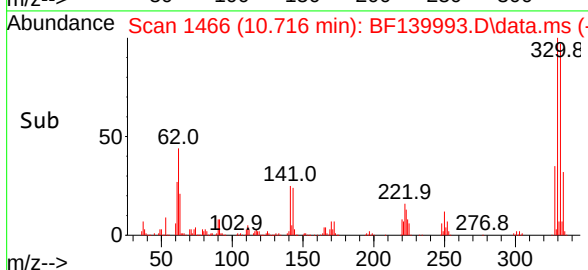
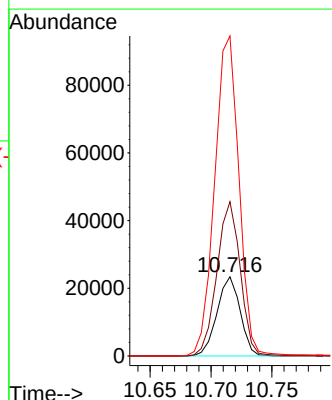
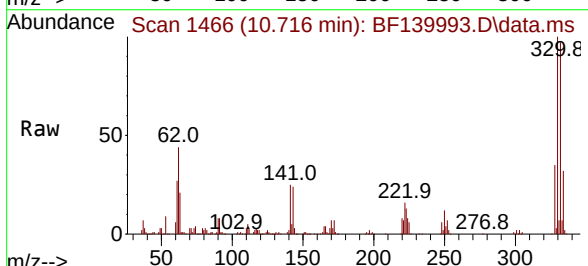
Tgt Ion:248 Resp: 30990

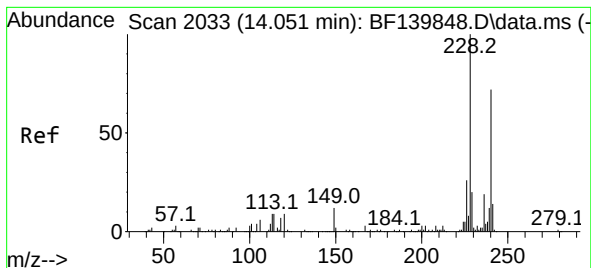
Ion Ratio Lower Upper

248 100

250 194.8 79.0 118.6#

141 404.0 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: BF139993.D

Acq: 24 Oct 2024 11:20

Instrument :

BNA_F

ClientSampleId :

PB164315BL

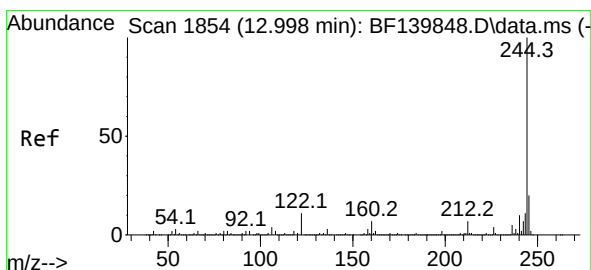
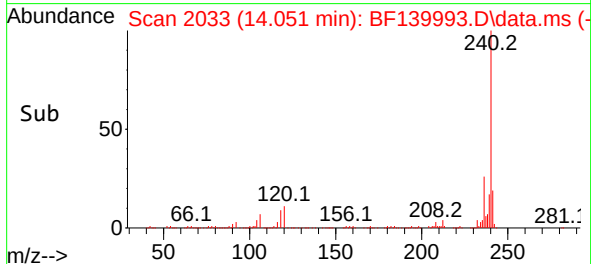
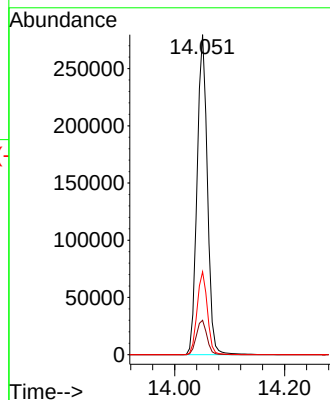
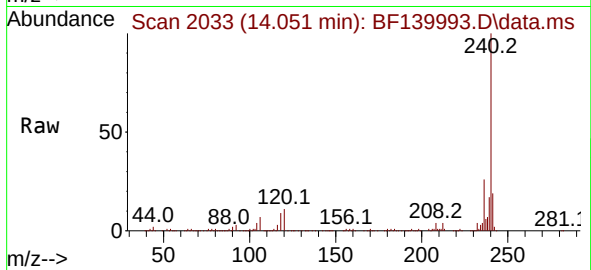
Tgt Ion:240 Resp: 363554

Ion Ratio Lower Upper

240 100

120 10.7 9.4 14.2

236 25.9 20.9 31.3



#79

Terphenyl-d14

Concen: 95.342 ng

RT: 13.004 min Scan# 1855

Delta R.T. 0.006 min

Lab File: BF139993.D

Acq: 24 Oct 2024 11:20

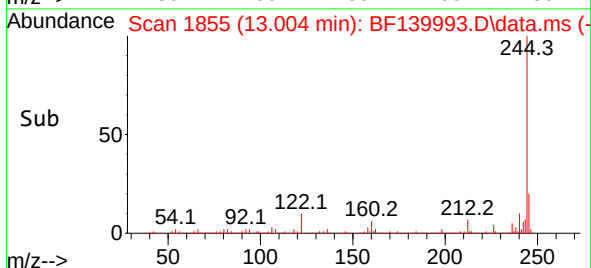
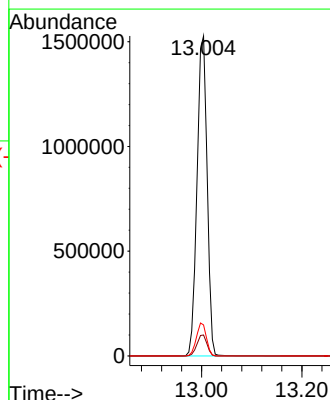
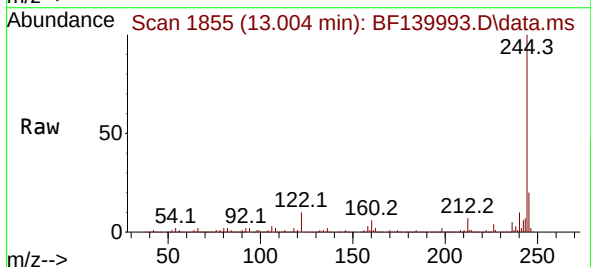
Tgt Ion:244 Resp: 2127175

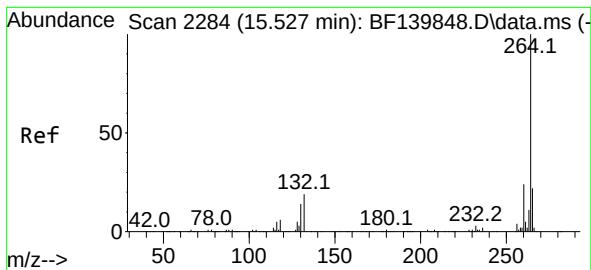
Ion Ratio Lower Upper

244 100

212 6.6 5.7 8.5

122 9.7 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: BF139993.D

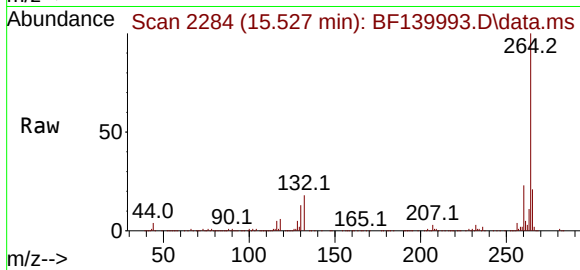
Acq: 24 Oct 2024 11:20

Instrument :

BNA_F

ClientSampleId :

PB164315BL



Tgt Ion:264 Resp: 290384

Ion Ratio Lower Upper

264 100

260 23.3 19.4 29.2

265 21.3 17.4 26.0

