

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091624\
 Data File : BF139387.D
 Acq On : 16 Sep 2024 19:20
 Operator : RC/JU
 Sample : P3930-02RE
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DN-B-34RE

Quant Time: Sep 17 01:38:39 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 14 02:58:23 2024
 Response via : Initial Calibration

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

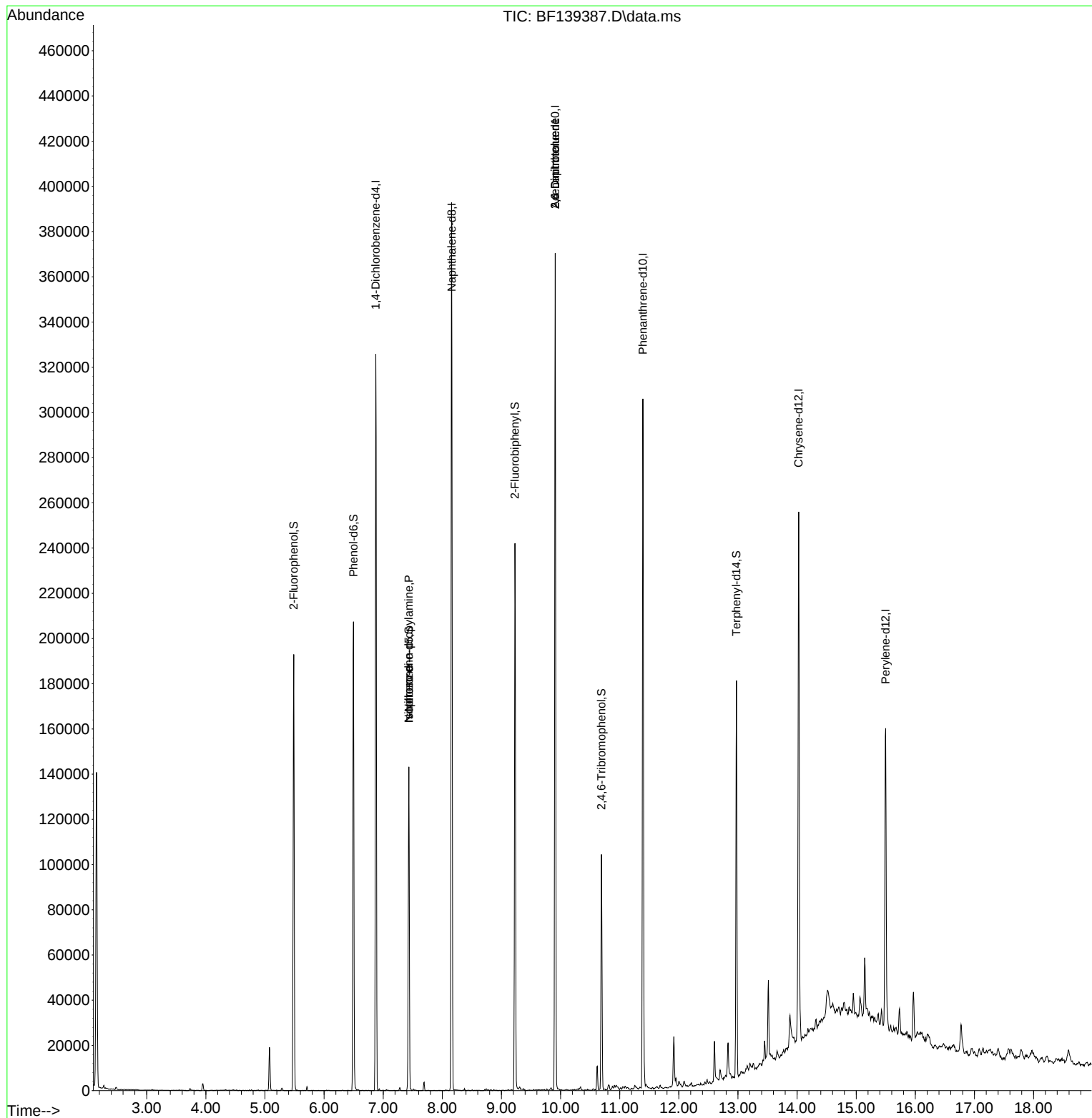
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	61129	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	214178	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	102446	20.000	ng	0.00
64) Phenanthrene-d10	11.392	188	155404	20.000	ng	0.00
76) Chrysene-d12	14.027	240	102170	20.000	ng	0.00
86) Perylene-d12	15.498	264	75259	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	57832	15.434	ng	0.00
7) Phenol-d6	6.498	99	78364	15.933	ng	0.00
23) Nitrobenzene-d5	7.434	82	54491	11.961	ng	-0.01
42) 2,4,6-Tribromophenol	10.692	330	14640	13.423	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	99658	13.644	ng	0.00
79) Terphenyl-d14	12.974	244	77155	12.395	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.434	70	7558	2.593	ng	# 74
25) Isophorone	7.434	82	54491	7.563	ng	# 66
51) 2,6-Dinitrotoluene	9.910	165	13191	8.856	ng	# 14
57) 2,4-Dinitrotoluene	9.910	165	13191	6.559	ng	# 16

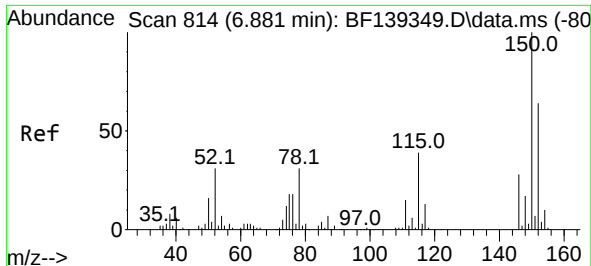
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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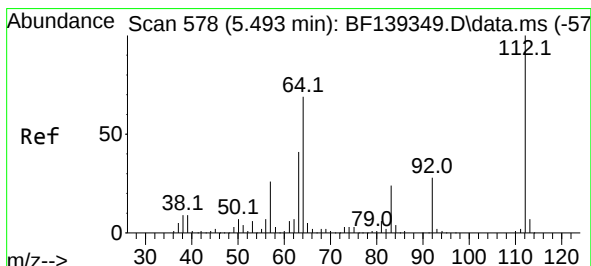
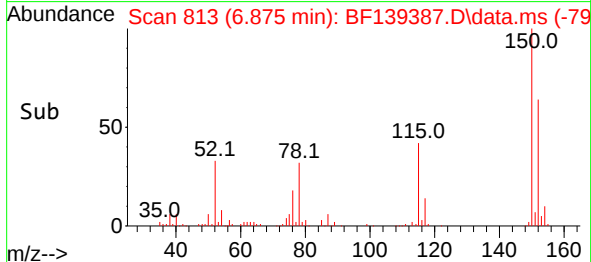
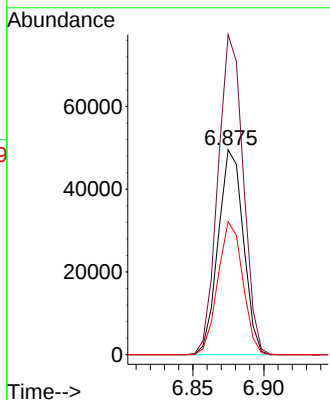
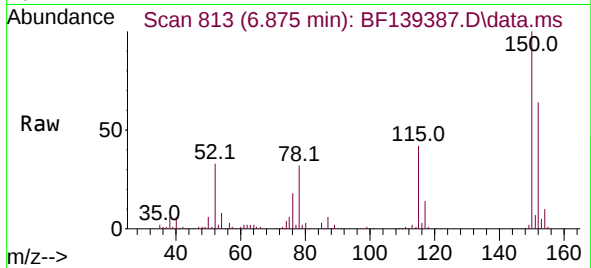




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 814
Delta R.T. -0.006 min
Lab File: BF139387.D
Acq: 16 Sep 2024 19:20

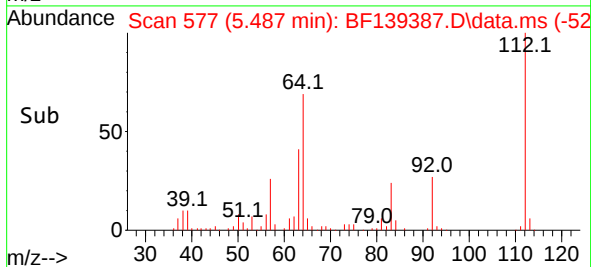
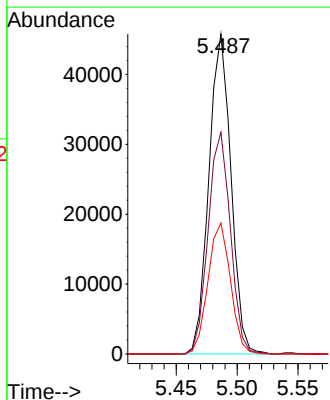
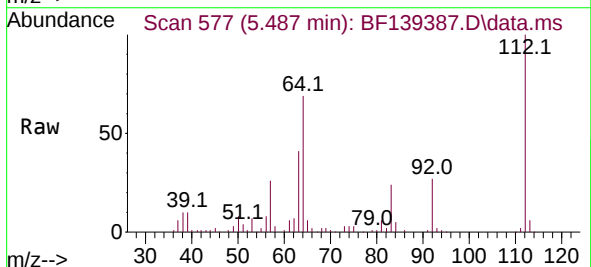
Instrument :
BNA_F
ClientSampleId :
DN-B-34RE

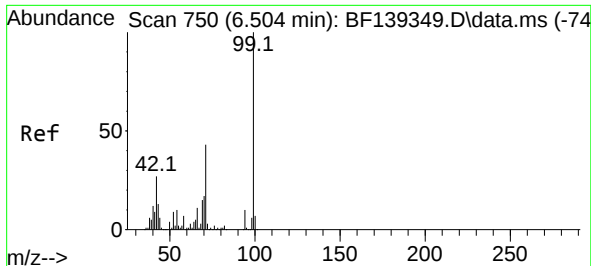
Tgt Ion:152 Resp: 61129
Ion Ratio Lower Upper
152 100
150 156.1 124.1 186.1
115 64.8 48.1 72.1



#5
2-Fluorophenol
Concen: 15.434 ng
RT: 5.487 min Scan# 577
Delta R.T. -0.006 min
Lab File: BF139387.D
Acq: 16 Sep 2024 19:20

Tgt Ion:112 Resp: 57832
Ion Ratio Lower Upper
112 100
64 69.3 54.8 82.2
63 40.9 33.0 49.4

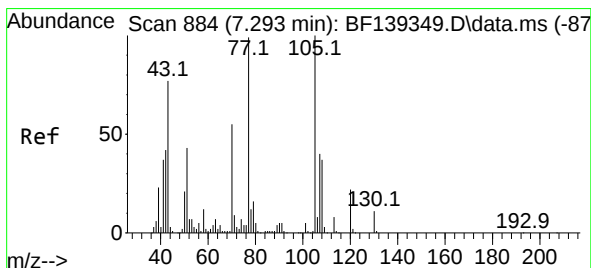
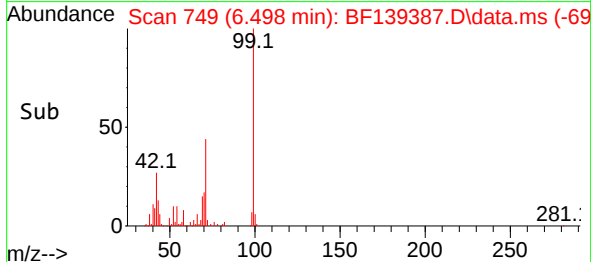
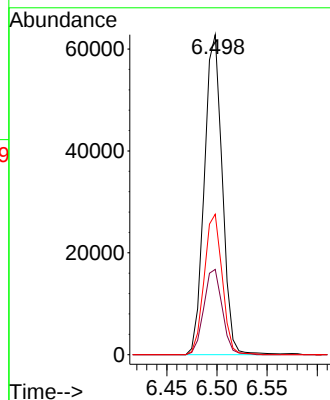
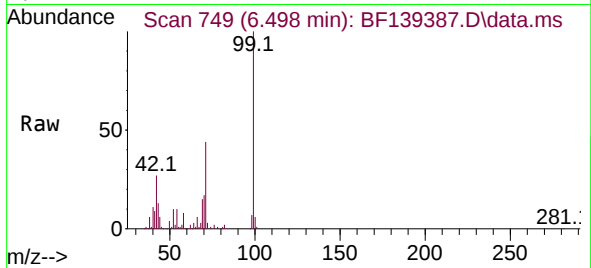




#7
Phenol-d6
Concen: 15.933 ng
RT: 6.498 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF139387.D
Acq: 16 Sep 2024 19:20

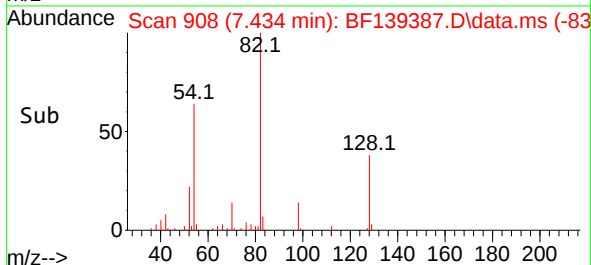
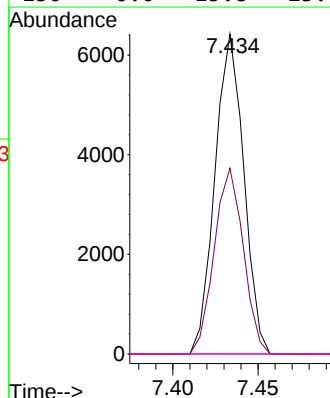
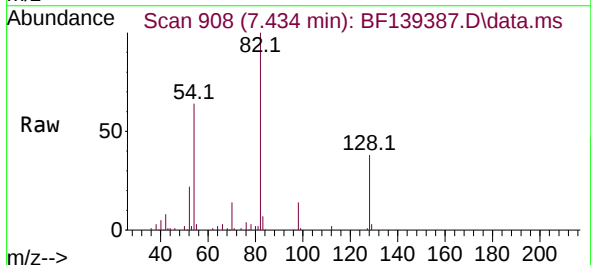
Instrument :
BNA_F
ClientSampleId :
DN-B-34RE

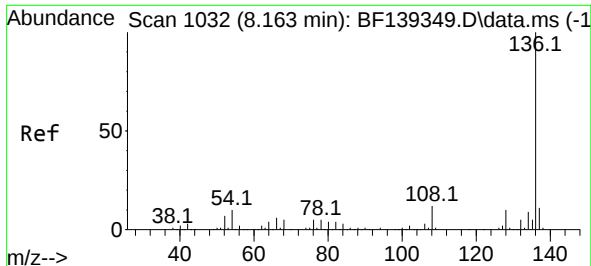
Tgt Ion: 99 Resp: 78364
Ion Ratio Lower Upper
99 100
42 26.6 21.9 32.9
71 43.9 34.6 52.0



#19
n-Nitroso-di-n-propylamine
Concen: 2.593 ng
RT: 7.434 min Scan# 908
Delta R.T. 0.141 min
Lab File: BF139387.D
Acq: 16 Sep 2024 19:20

Tgt Ion: 70 Resp: 7558
Ion Ratio Lower Upper
70 100
42 58.1 61.2 91.8#
101 0.0 7.5 11.3#
130 0.0 15.8 23.8#

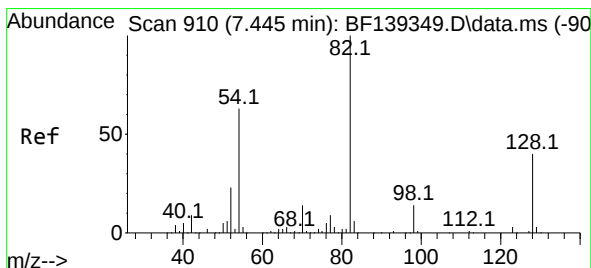
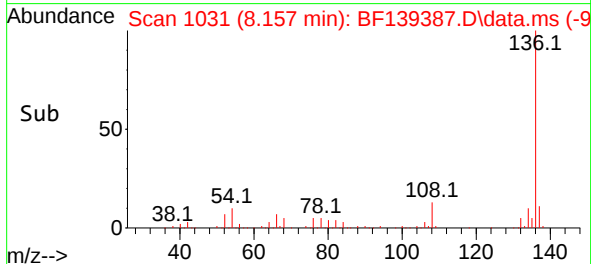
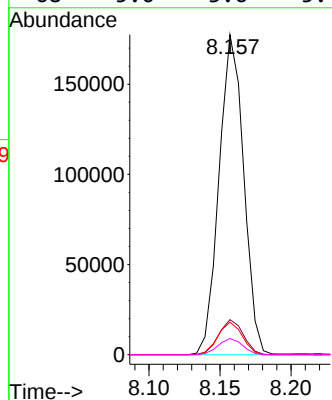
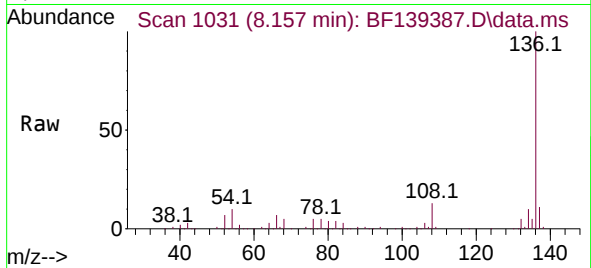




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 10
Delta R.T. -0.006 min
Lab File: BF139387.D
Acq: 16 Sep 2024 19:20

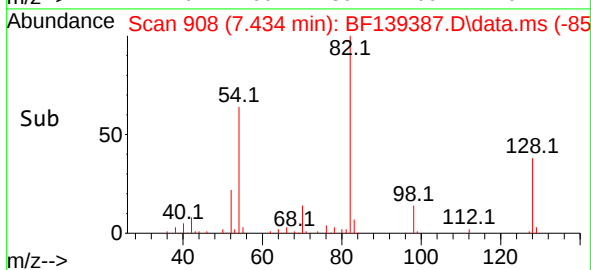
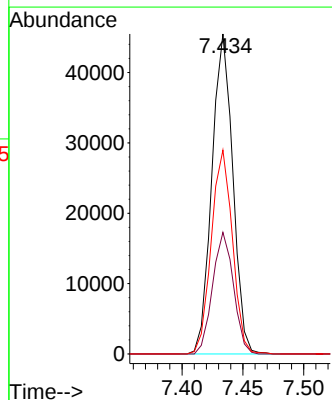
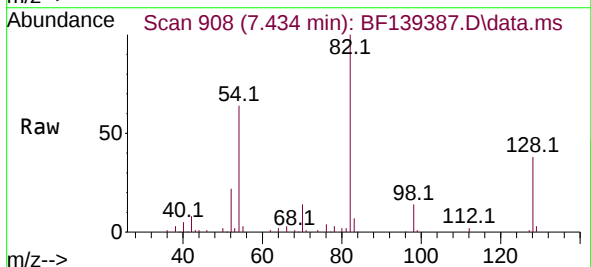
Instrument :
BNA_F
ClientSampleId :
DN-B-34RE

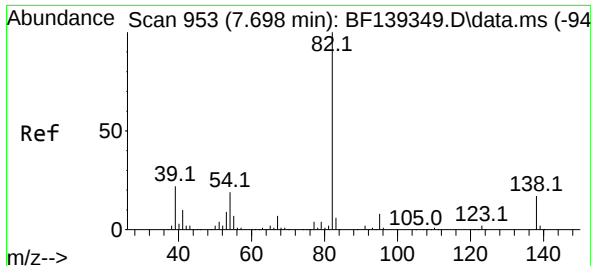
Tgt Ion:136	Resp:	214178	
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.6	12.8
54	10.2	7.8	11.8
68	5.0	3.6	5.4



#23
Nitrobenzene-d5
Concen: 11.961 ng
RT: 7.434 min Scan# 908
Delta R.T. -0.012 min
Lab File: BF139387.D
Acq: 16 Sep 2024 19:20

Tgt Ion: 82	Resp: 54491
Ion Ratio	Lower Upper
82 100	
128 38.0	31.8 47.6
54 63.7	50.6 75.8

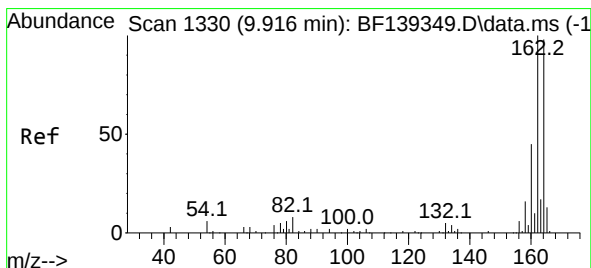
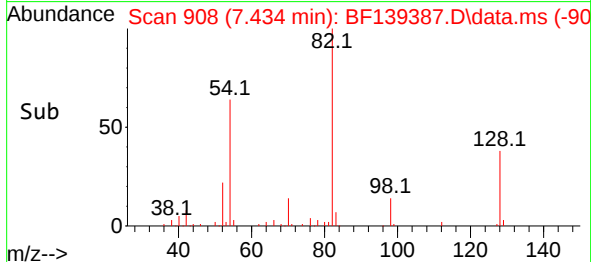
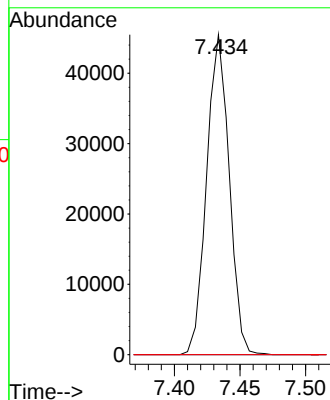
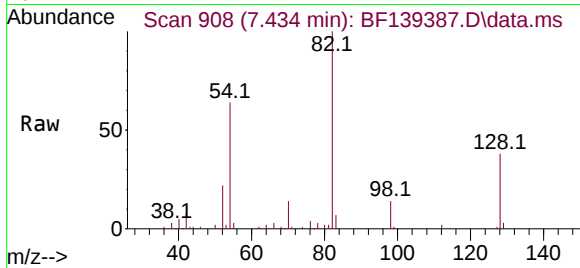




#25
Isophorone
Concen: 7.563 ng
RT: 7.434 min Scan# 90
Delta R.T. -0.265 min
Lab File: BF139387.D
Acq: 16 Sep 2024 19:20

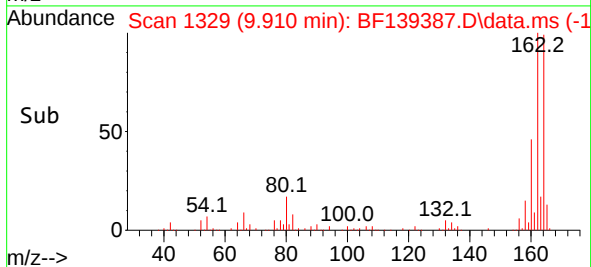
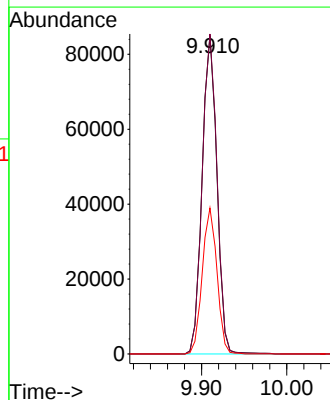
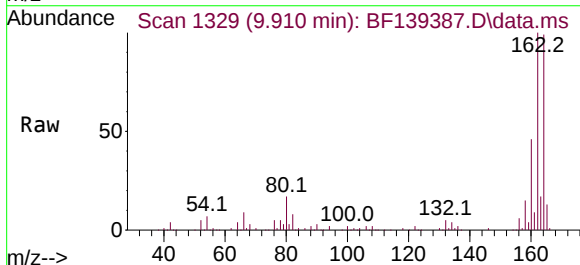
Instrument :
BNA_F
ClientSampleId :
DN-B-34RE

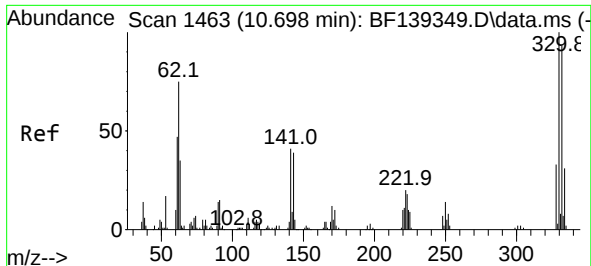
Tgt Ion: 82 Resp: 54491
Ion Ratio Lower Upper
82 100
95 0.0 6.7 10.1#
138 0.0 13.3 19.9#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.910 min Scan# 1329
Delta R.T. -0.006 min
Lab File: BF139387.D
Acq: 16 Sep 2024 19:20

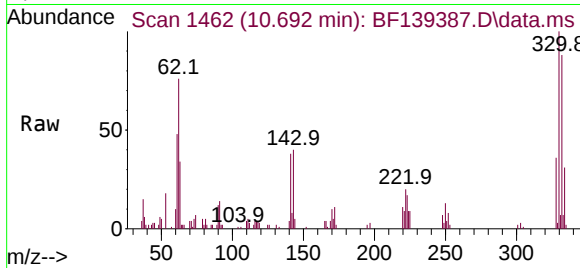
Tgt Ion:164 Resp: 102446
Ion Ratio Lower Upper
164 100
162 100.5 81.3 121.9
160 45.8 36.4 54.6



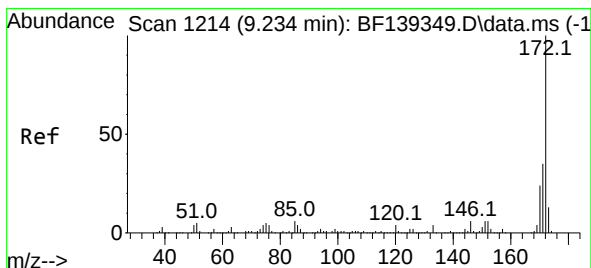
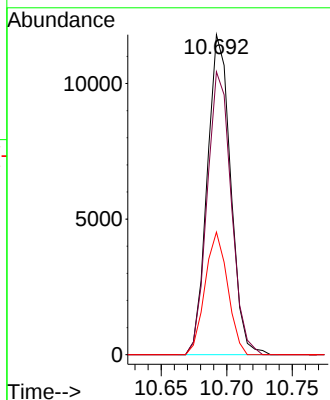
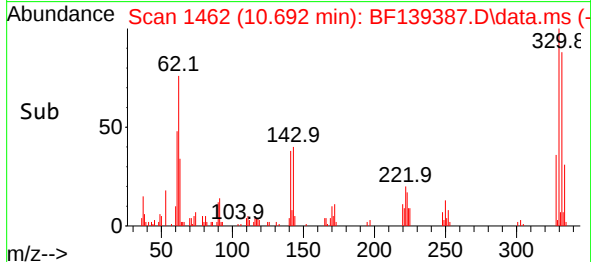


#42
2,4,6-Tribromophenol
Concen: 13.423 ng
RT: 10.692 min Scan# 1462
Delta R.T. -0.006 min
Lab File: BF139387.D
Acq: 16 Sep 2024 19:20

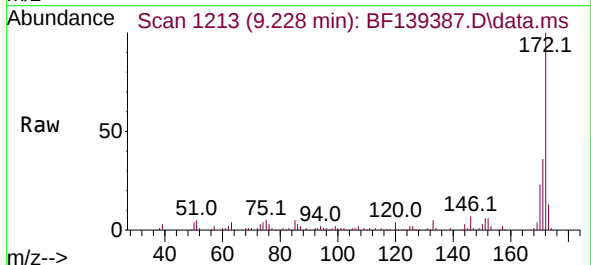
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BNA_F
ClientSampleId :
DN-B-34RE



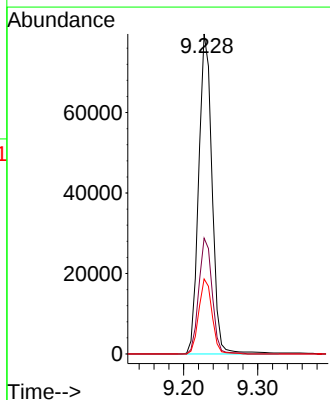
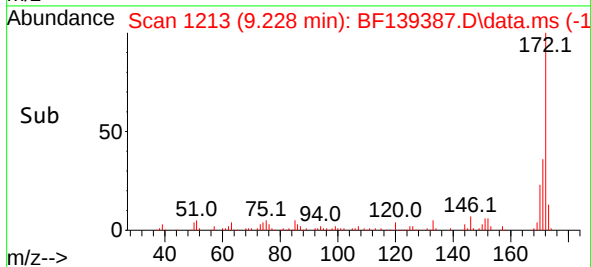
Tgt Ion: 330 Resp: 14640
Ion Ratio Lower Upper
330 100
332 90.9 75.2 112.8
141 37.0 31.2 46.8

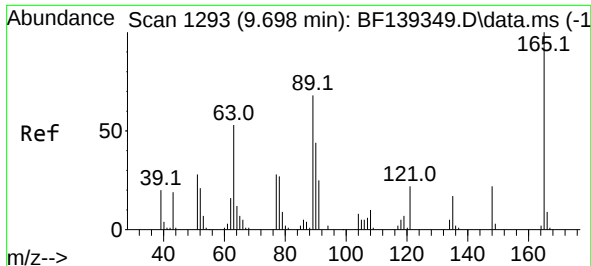


#45
2-Fluorobiphenyl
Concen: 13.644 ng
RT: 9.228 min Scan# 1213
Delta R.T. -0.006 min
Lab File: BF139387.D
Acq: 16 Sep 2024 19:20



Tgt Ion: 172 Resp: 99658
Ion Ratio Lower Upper
172 100
171 36.2 28.3 42.5
170 23.4 19.0 28.6





#51

2,6-Dinitrotoluene

Concen: 8.856 ng

RT: 9.910 min Scan# 11

Delta R.T. 0.212 min

Lab File: BF139387.D

Acq: 16 Sep 2024 19:20

Instrument :

BNA_F

ClientSampleId :

DN-B-34RE

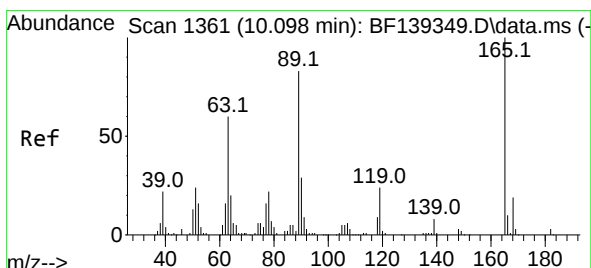
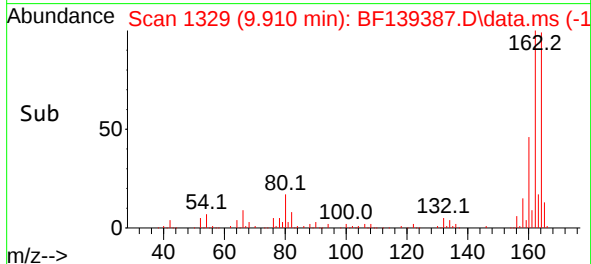
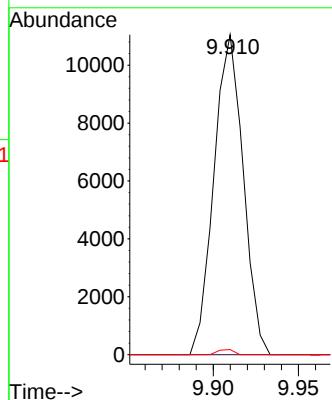
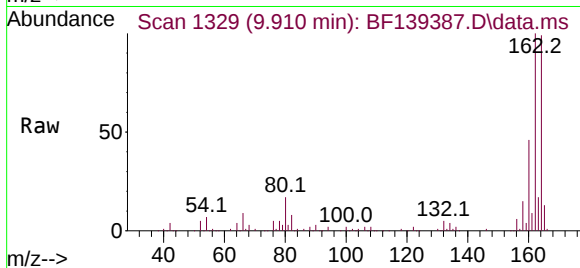
Tgt Ion:165 Resp: 13191

Ion Ratio Lower Upper

165 100

63 0.0 60.9 91.3#

89 1.6 54.7 82.1#



#57

2,4-Dinitrotoluene

Concen: 6.559 ng

RT: 9.910 min Scan# 1329

Delta R.T. -0.188 min

Lab File: BF139387.D

Acq: 16 Sep 2024 19:20

Tgt Ion:165 Resp: 13191

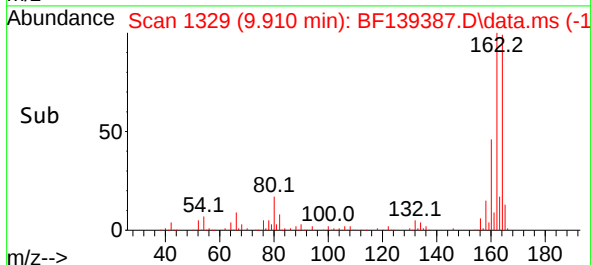
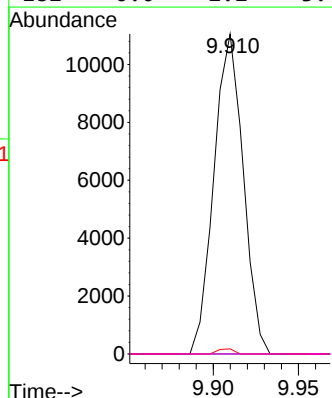
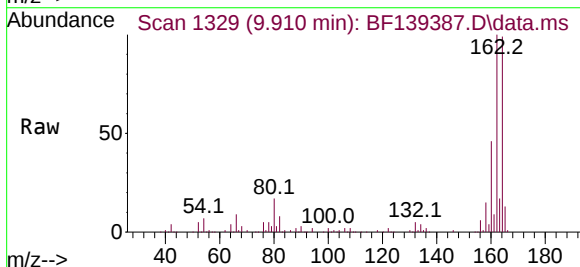
Ion Ratio Lower Upper

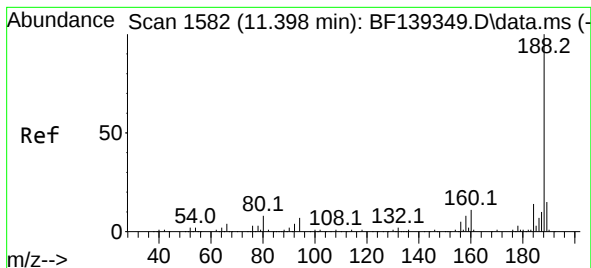
165 100

63 0.0 47.8 71.6#

89 1.6 66.7 100.1#

182 0.0 2.2 3.4#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.392 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF139387.D

Acq: 16 Sep 2024 19:20

Instrument :

BNA_F

ClientSampleId :

DN-B-34RE

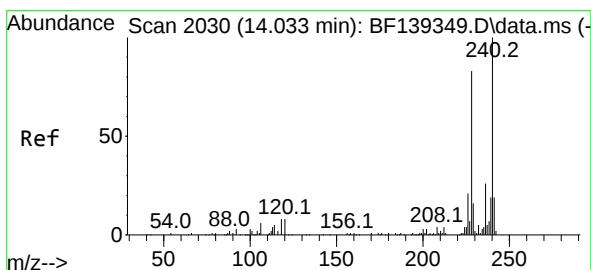
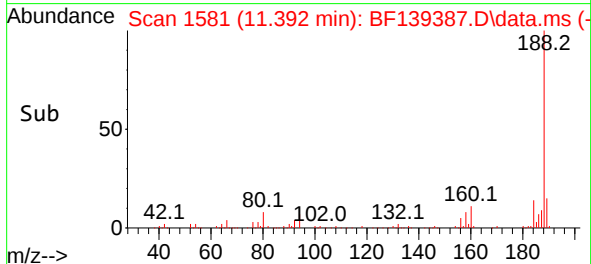
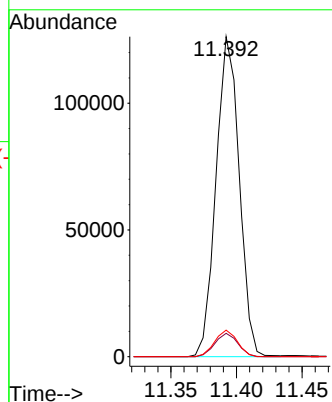
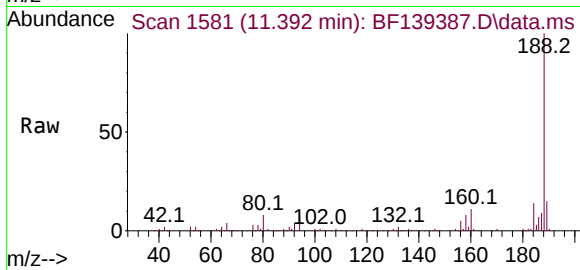
Tgt Ion:188 Resp: 155404

Ion Ratio Lower Upper

188 100

94 7.3 5.5 8.3

80 8.3 6.6 9.8



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.027 min Scan# 2029

Delta R.T. -0.006 min

Lab File: BF139387.D

Acq: 16 Sep 2024 19:20

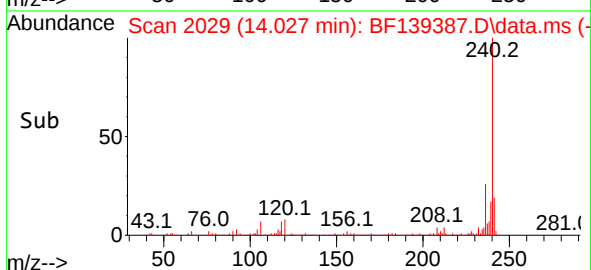
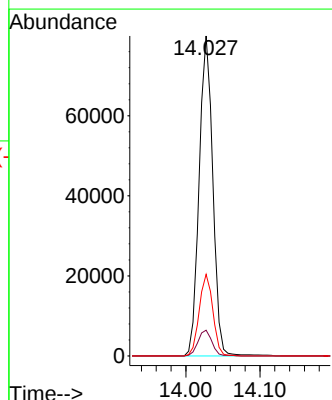
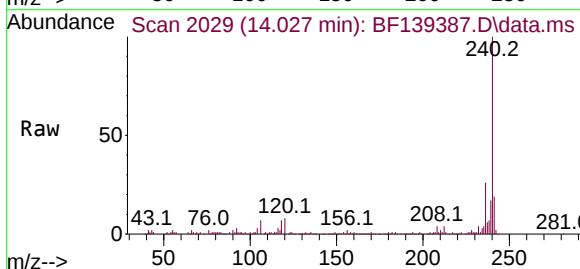
Tgt Ion:240 Resp: 102170

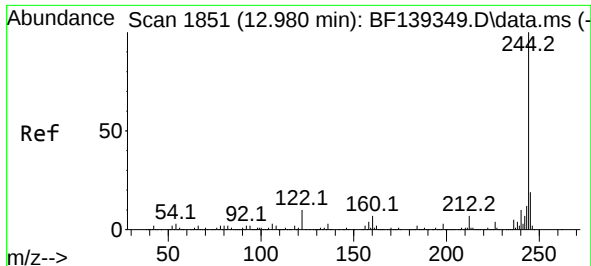
Ion Ratio Lower Upper

240 100

120 8.1 6.2 9.2

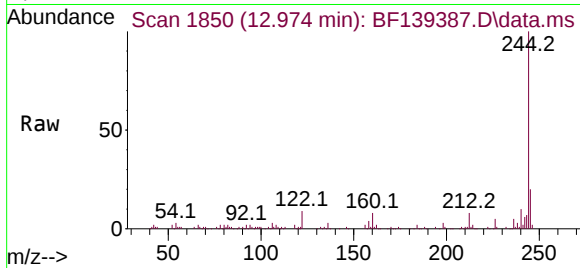
236 25.5 20.9 31.3



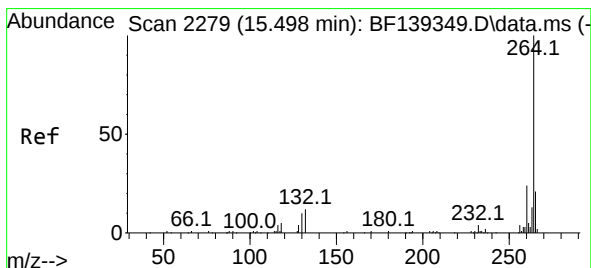
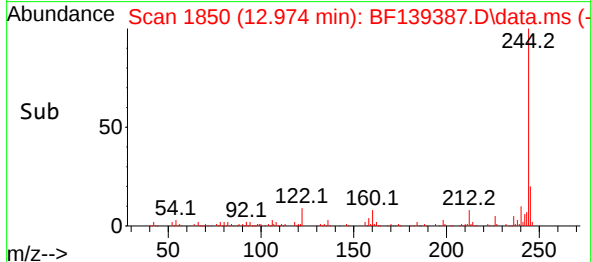
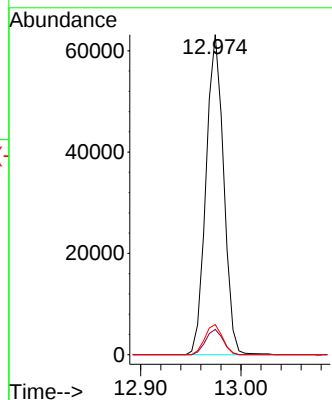


#79
 Terphenyl-d14
 Concen: 12.395 ng
 RT: 12.974 min Scan# 1850
 Delta R.T. -0.006 min
 Lab File: BF139387.D
 Acq: 16 Sep 2024 19:20

Instrument :
 BNA_F
 ClientSampleId :
 DN-B-34RE



Tgt Ion:244 Resp: 77155
 Ion Ratio Lower Upper
 244 100
 212 7.9 6.0 9.0
 122 9.4 7.6 11.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.498 min Scan# 2279
 Delta R.T. -0.000 min
 Lab File: BF139387.D
 Acq: 16 Sep 2024 19:20

Tgt Ion:264 Resp: 75259
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.5 29.3
 265 20.7 16.6 25.0

