

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091724\
 Data File : BF139414.D
 Acq On : 17 Sep 2024 20:54
 Operator : RC/JU
 Sample : P4000-01 5X
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OK-02-09132024

Quant Time: Sep 18 00:49:06 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)

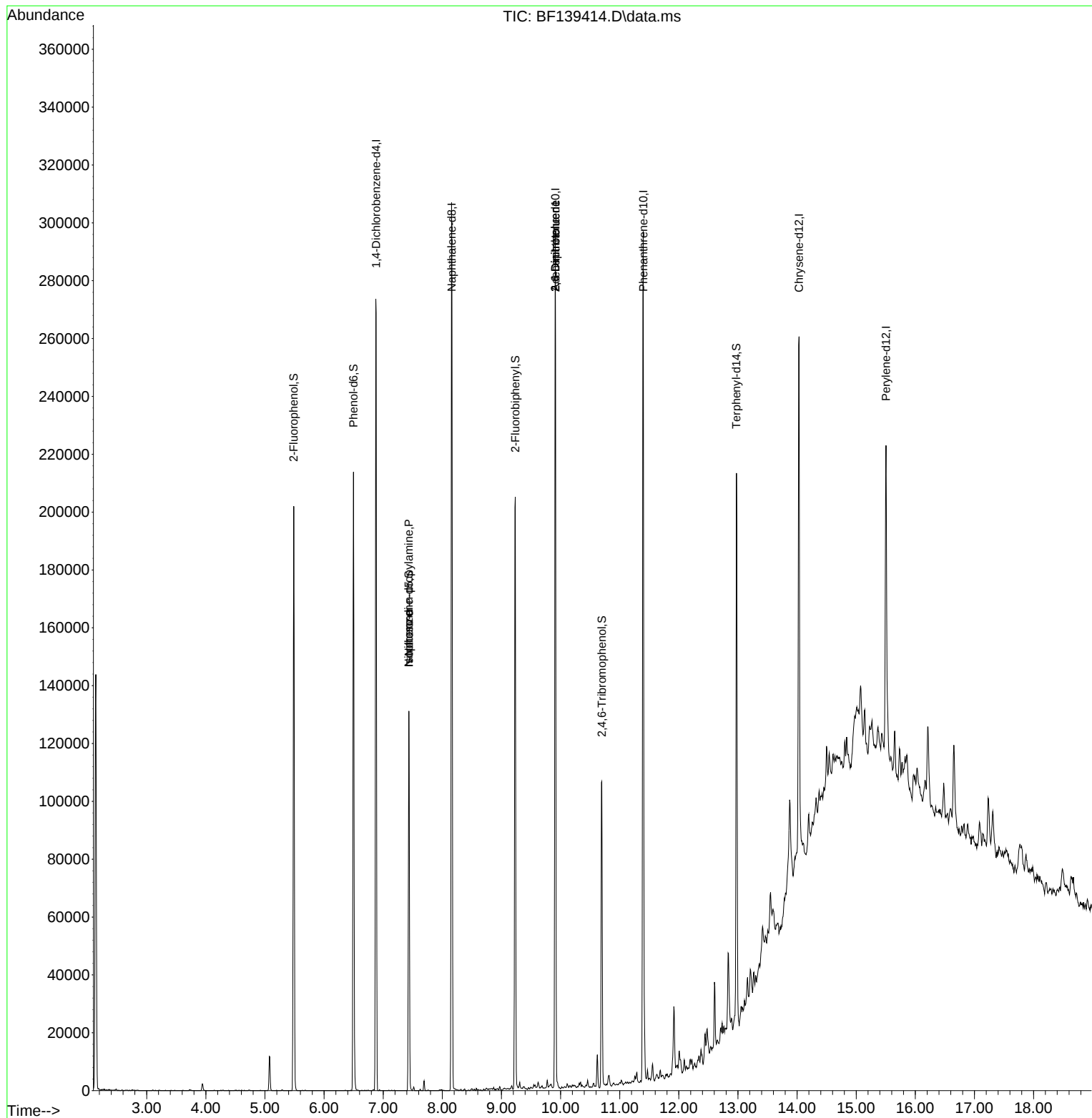
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	53945	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	177021	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	84756	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	151966	20.000	ng	0.00
76) Chrysene-d12	14.033	240	80798	20.000	ng	0.00
86) Perylene-d12	15.504	264	62497	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	60562	18.315	ng	0.00
7) Phenol-d6	6.498	99	80060	18.445	ng	0.00
23) Nitrobenzene-d5	7.434	82	52127	13.843	ng	-0.01
42) 2,4,6-Tribromophenol	10.698	330	15320	16.978	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	88741	14.685	ng	0.00
79) Terphenyl-d14	12.974	244	84099	17.084	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.434	70	7345	2.856	ng	# 73
25) Isophorone	7.434	82	52135	8.755	ng	# 66
51) 2,6-Dinitrotoluene	9.910	165	10574	8.580	ng	# 15
57) 2,4-Dinitrotoluene	9.910	165	10574	6.355	ng	# 16

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

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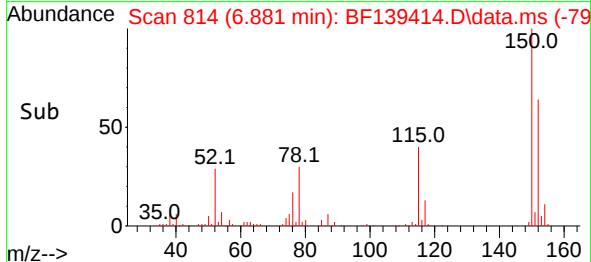
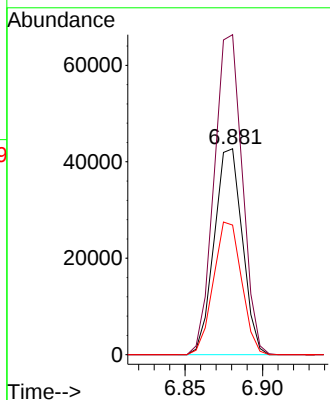
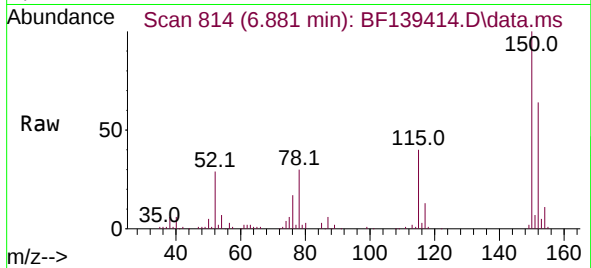




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 814
Delta R.T. -0.000 min
Lab File: BF139414.D
Acq: 17 Sep 2024 20:54

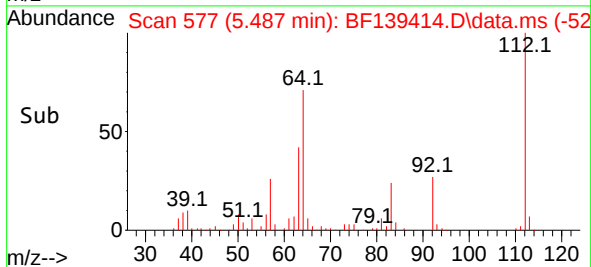
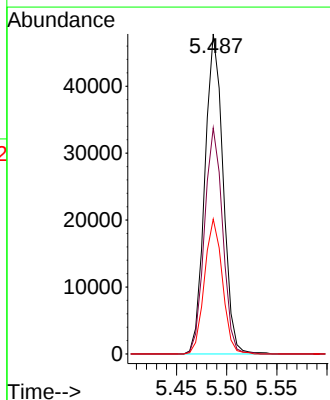
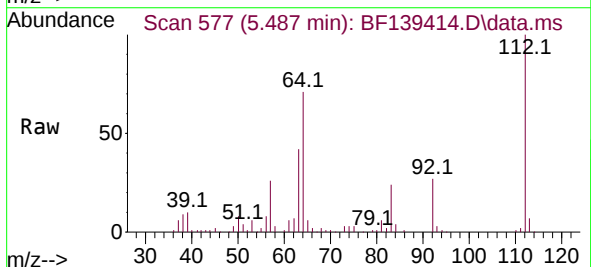
Instrument :
BNA_F
ClientSampleId :
OK-02-09132024

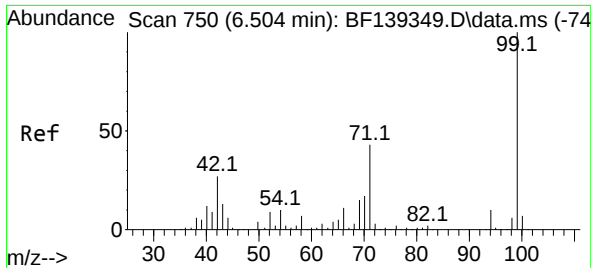
Tgt Ion:152 Resp: 53945
Ion Ratio Lower Upper
152 100
150 155.3 124.1 186.1
115 62.9 48.1 72.1



#5
2-Fluorophenol
Concen: 18.315 ng
RT: 5.487 min Scan# 577
Delta R.T. -0.006 min
Lab File: BF139414.D
Acq: 17 Sep 2024 20:54

Tgt Ion:112 Resp: 60562
Ion Ratio Lower Upper
112 100
64 70.6 54.8 82.2
63 42.2 33.0 49.4

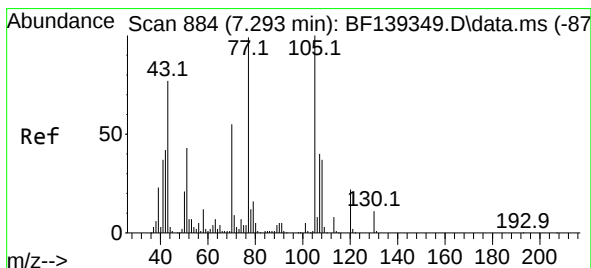
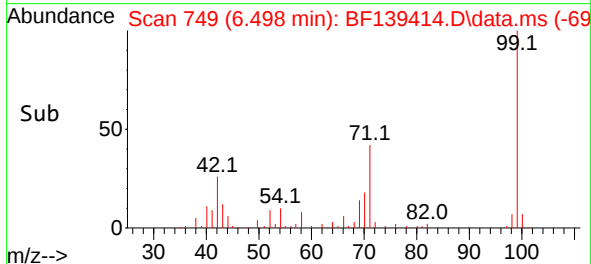
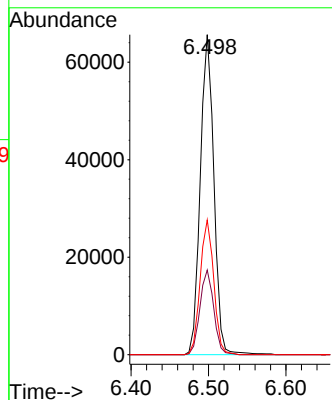
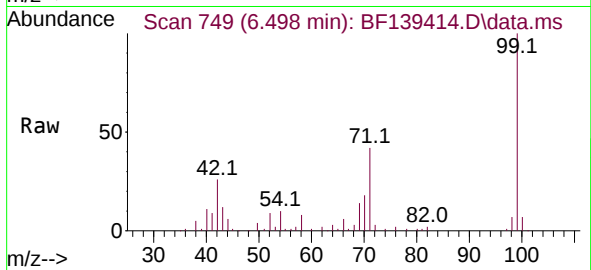




#7
Phenol-d6
Concen: 18.445 ng
RT: 6.498 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF139414.D
Acq: 17 Sep 2024 20:54

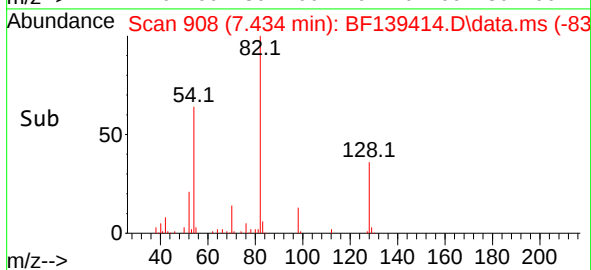
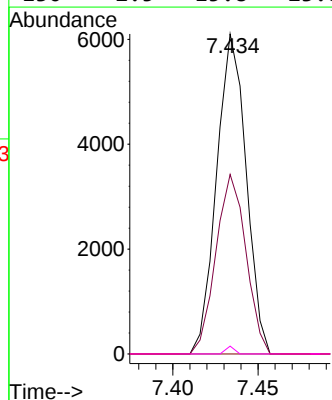
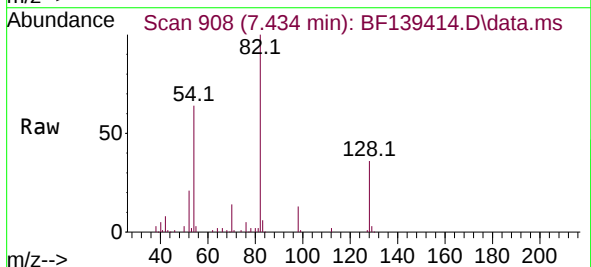
Instrument :
BNA_F
ClientSampleId :
OK-02-09132024

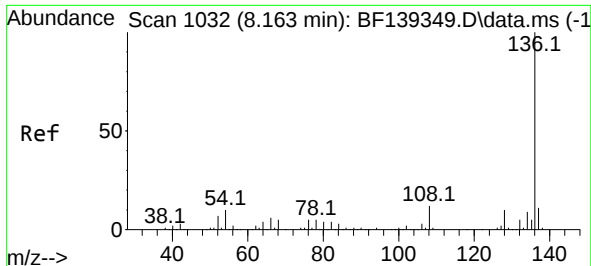
Tgt Ion: 99 Resp: 80060
Ion Ratio Lower Upper
99 100
42 26.4 21.9 32.9
71 42.1 34.6 52.0



#19
n-Nitroso-di-n-propylamine
Concen: 2.856 ng
RT: 7.434 min Scan# 908
Delta R.T. 0.141 min
Lab File: BF139414.D
Acq: 17 Sep 2024 20:54

Tgt Ion: 70 Resp: 7345
Ion Ratio Lower Upper
70 100
42 56.1 61.2 91.8#
101 0.0 7.5 11.3#
130 2.5 15.8 23.8#

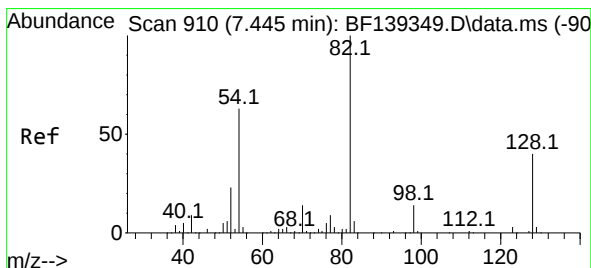
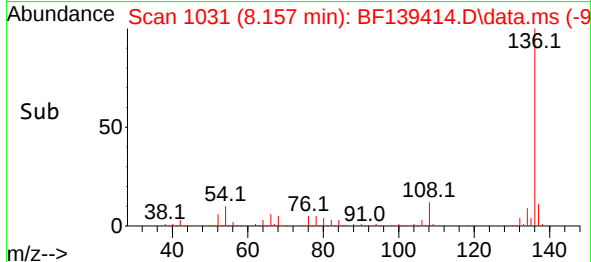
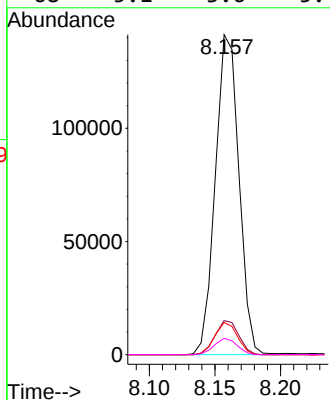
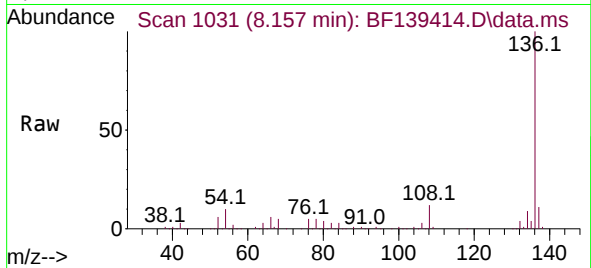




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1032
Delta R.T. -0.006 min
Lab File: BF139414.D
Acq: 17 Sep 2024 20:54

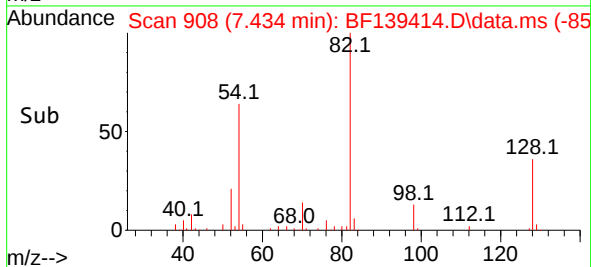
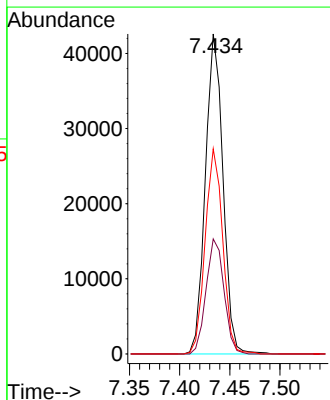
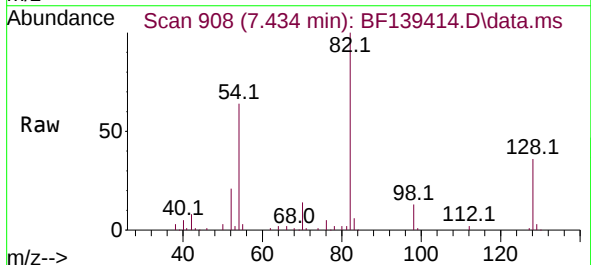
Instrument :
BNA_F
ClientSampleId :
OK-02-09132024

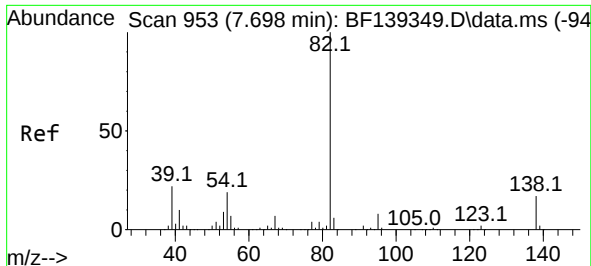
Tgt Ion:	136	Resp:	177021
Ion Ratio	Lower	Upper	
136	100		
137	10.7	8.6	12.8
54	10.1	7.8	11.8
68	5.1	3.6	5.4



#23
Nitrobenzene-d5
Concen: 13.843 ng
RT: 7.434 min Scan# 908
Delta R.T. -0.012 min
Lab File: BF139414.D
Acq: 17 Sep 2024 20:54

Tgt Ion:	82	Resp:	52127
Ion Ratio	Lower	Upper	
82	100		
128	35.9	31.8	47.6
54	64.1	50.6	75.8

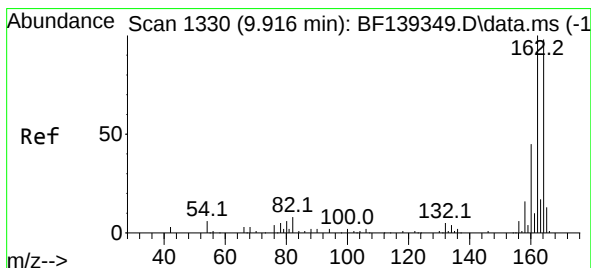
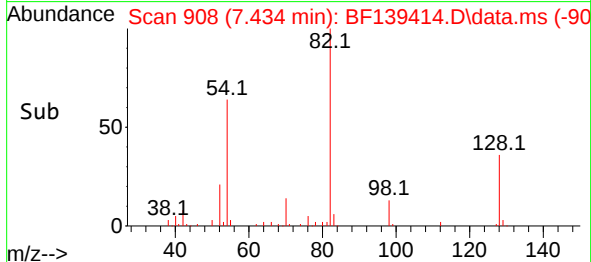
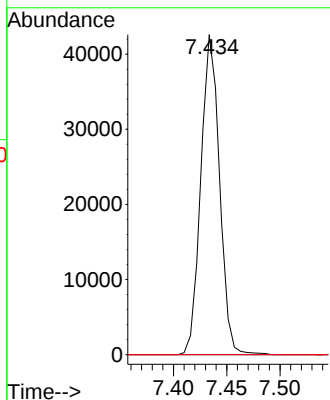
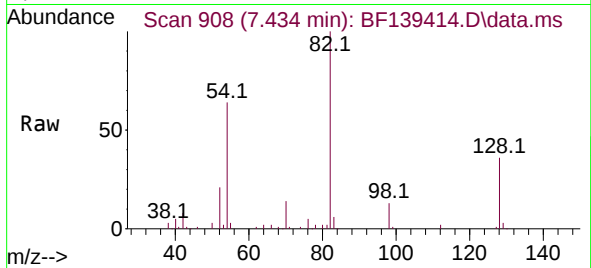




#25
Isophorone
Concen: 8.755 ng
RT: 7.434 min Scan# 90
Delta R.T. -0.265 min
Lab File: BF139414.D
Acq: 17 Sep 2024 20:54

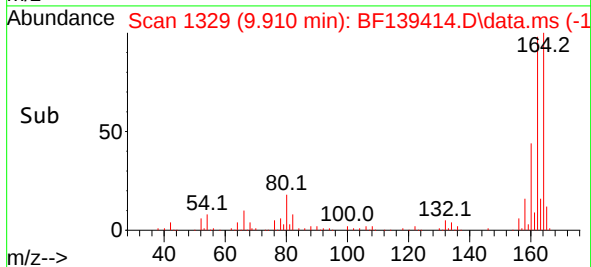
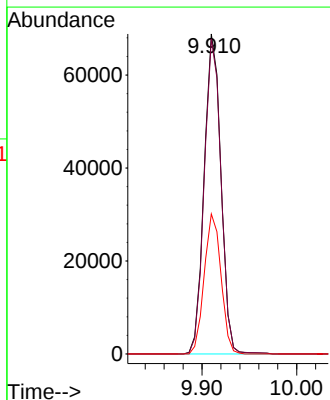
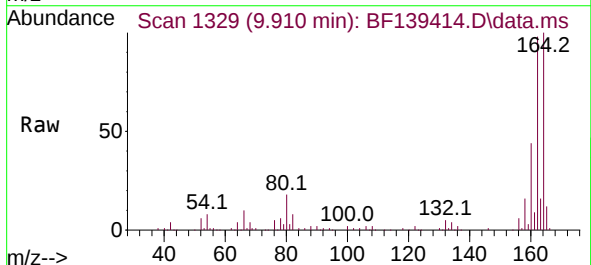
Instrument :
BNA_F
ClientSampleId :
OK-02-09132024

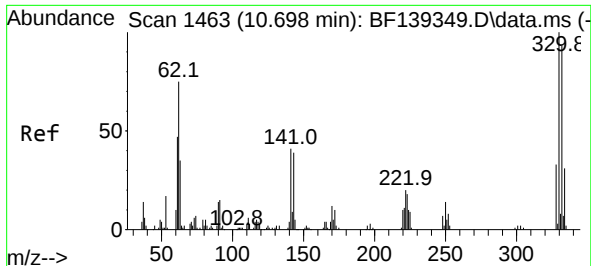
Tgt Ion: 82 Resp: 52135
Ion Ratio Lower Upper
82 100
95 0.0 6.7 10.1#
138 0.0 13.3 19.9#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.910 min Scan# 1329
Delta R.T. -0.006 min
Lab File: BF139414.D
Acq: 17 Sep 2024 20:54

Tgt Ion:164 Resp: 84756
Ion Ratio Lower Upper
164 100
162 98.4 81.3 121.9
160 43.7 36.4 54.6





#42

2,4,6-Tribromophenol

Concen: 16.978 ng

RT: 10.698 min Scan# 1463

Delta R.T. -0.000 min

Lab File: BF139414.D

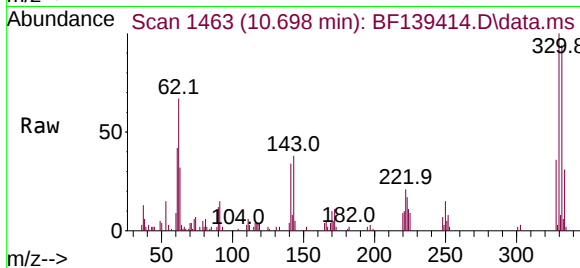
Acq: 17 Sep 2024 20:54

Instrument :

BNA_F

ClientSampleId :

OK-02-09132024



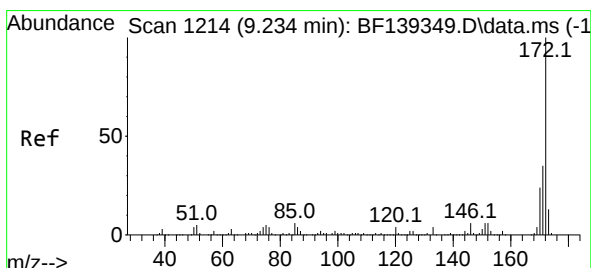
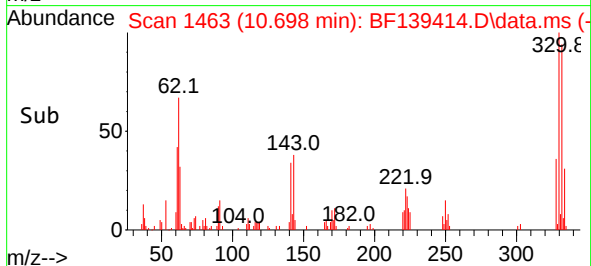
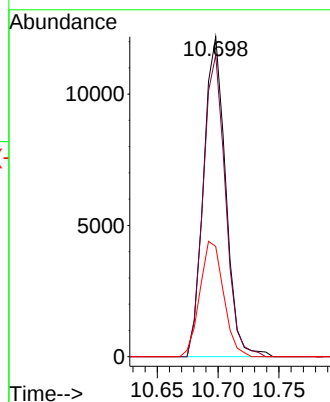
Tgt Ion:330 Resp: 15320

Ion Ratio Lower Upper

330 100

332 95.0 75.2 112.8

141 38.8 31.2 46.8



#45

2-Fluorobiphenyl

Concen: 14.685 ng

RT: 9.233 min Scan# 1214

Delta R.T. -0.000 min

Lab File: BF139414.D

Acq: 17 Sep 2024 20:54

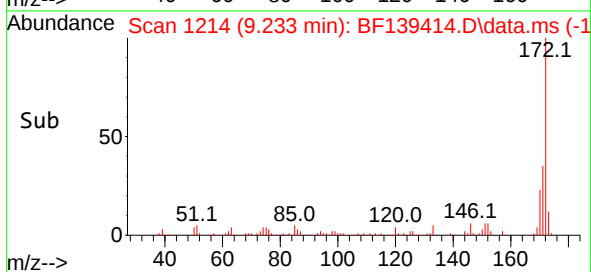
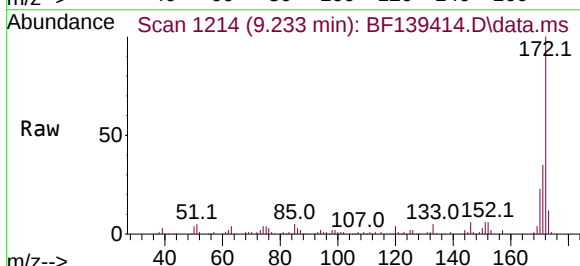
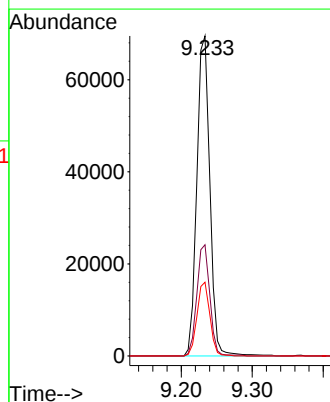
Tgt Ion:172 Resp: 88741

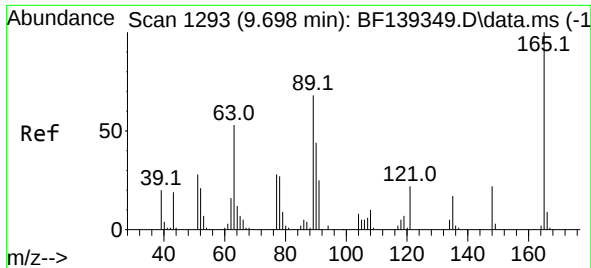
Ion Ratio Lower Upper

172 100

171 34.7 28.3 42.5

170 23.0 19.0 28.6

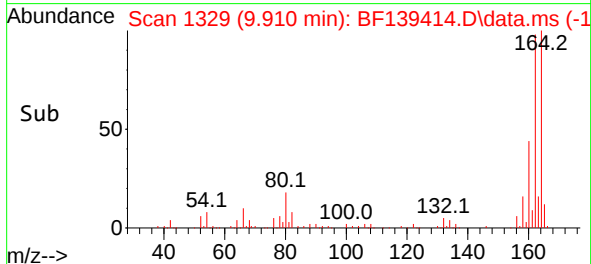
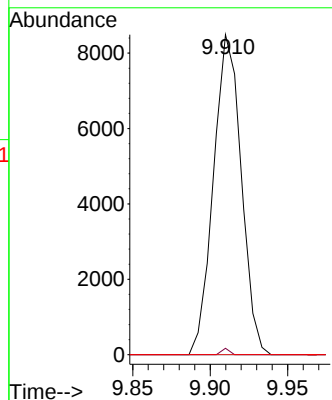
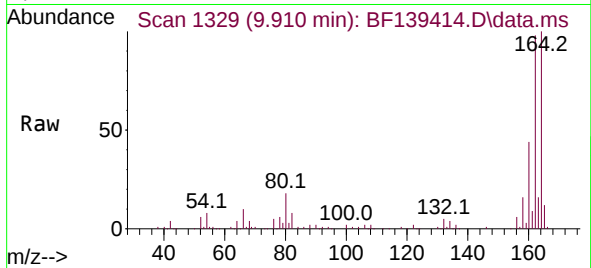




#51
2,6-Dinitrotoluene
Concen: 8.580 ng
RT: 9.910 min Scan# 11
Delta R.T. 0.212 min
Lab File: BF139414.D
Acq: 17 Sep 2024 20:54

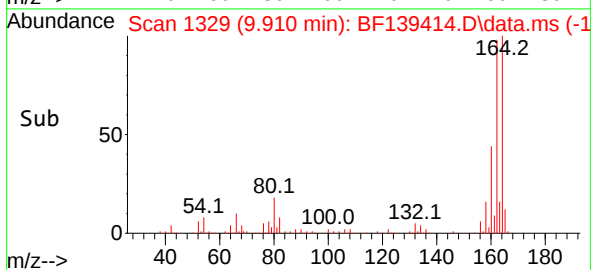
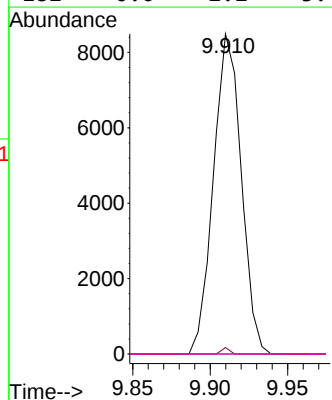
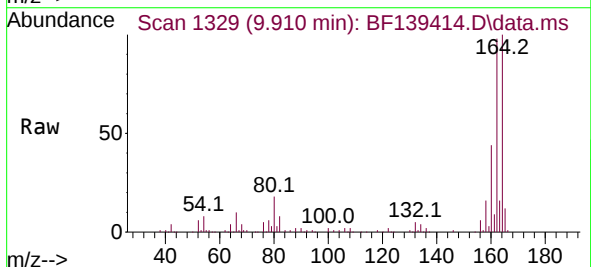
Instrument :
BNA_F
ClientSampleId :
OK-02-09132024

Tgt Ion:165 Resp: 10574
Ion Ratio Lower Upper
165 100
63 2.0 60.9 91.3#
89 0.0 54.7 82.1#



#57
2,4-Dinitrotoluene
Concen: 6.355 ng
RT: 9.910 min Scan# 1329
Delta R.T. -0.188 min
Lab File: BF139414.D
Acq: 17 Sep 2024 20:54

Tgt Ion:165 Resp: 10574
Ion Ratio Lower Upper
165 100
63 2.0 47.8 71.6#
89 0.0 66.7 100.1#
182 0.0 2.2 3.4#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.398 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF139414.D

Acq: 17 Sep 2024 20:54

Instrument :

BNA_F

ClientSampleId :

OK-02-09132024

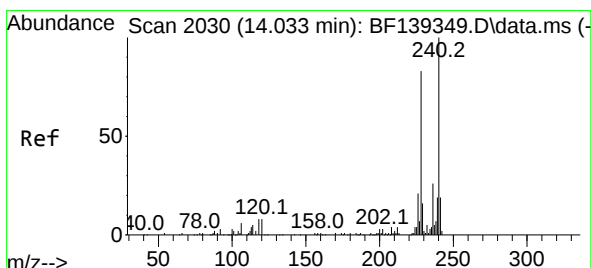
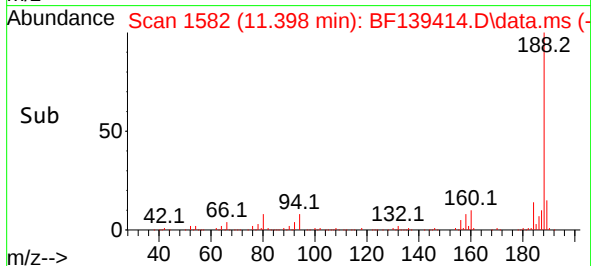
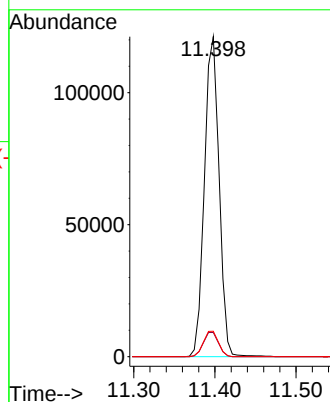
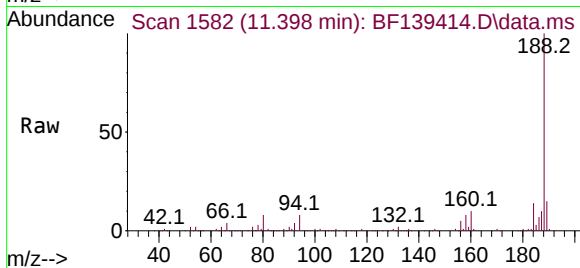
Tgt Ion:188 Resp: 151966

Ion Ratio Lower Upper

188 100

94 7.5 5.5 8.3

80 7.9 6.6 9.8



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.033 min Scan# 2030

Delta R.T. -0.000 min

Lab File: BF139414.D

Acq: 17 Sep 2024 20:54

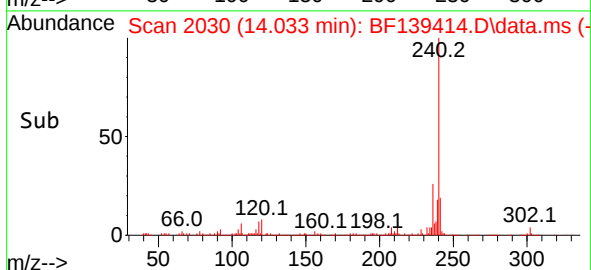
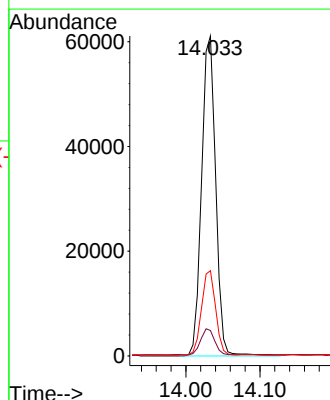
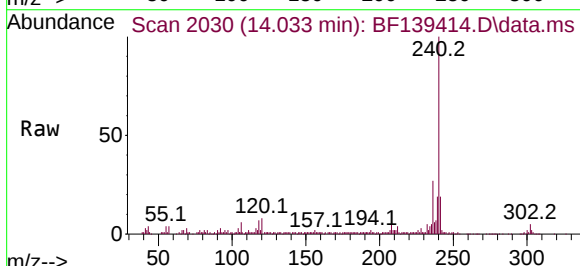
Tgt Ion:240 Resp: 80798

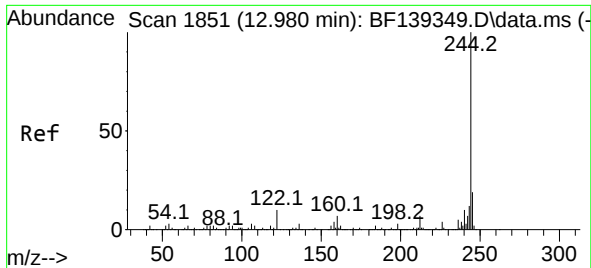
Ion Ratio Lower Upper

240 100

120 8.0 6.2 9.2

236 26.7 20.9 31.3

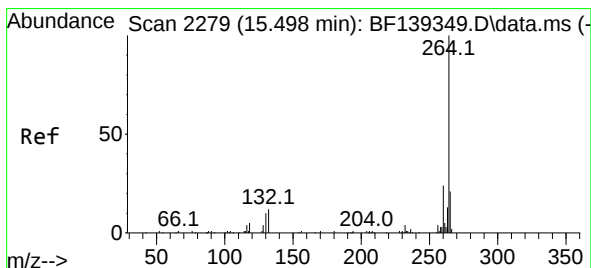
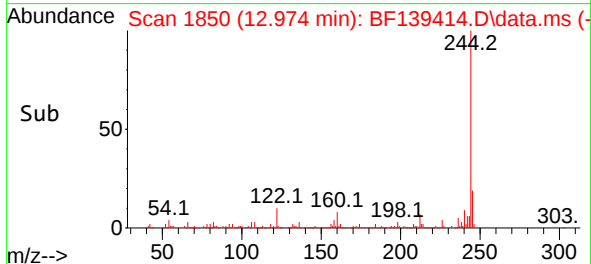
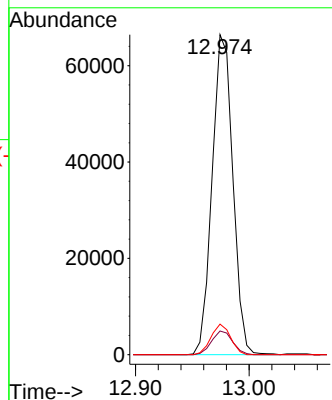
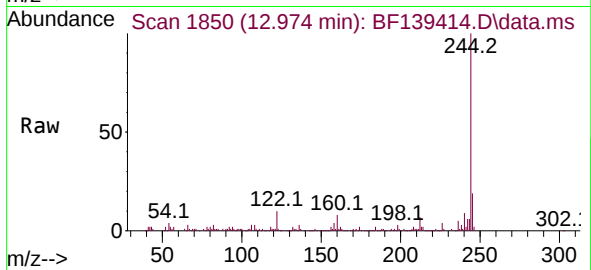




#79
 Terphenyl-d14
 Concen: 17.084 ng
 RT: 12.974 min Scan# 1850
 Delta R.T. -0.006 min
 Lab File: BF139414.D
 Acq: 17 Sep 2024 20:54

Instrument :
 BNA_F
 ClientSampleId :
 OK-02-09132024

Tgt Ion:244 Resp: 84099
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.0 9.0
 122 9.6 7.6 11.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.504 min Scan# 2280
 Delta R.T. 0.006 min
 Lab File: BF139414.D
 Acq: 17 Sep 2024 20:54

Tgt Ion:264 Resp: 62497
 Ion Ratio Lower Upper
 264 100
 260 24.8 19.5 29.3
 265 21.4 16.6 25.0

