

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092424\
 Data File : BF139521.D
 Acq On : 24 Sep 2024 15:41
 Operator : RC/JU
 Sample : P4154-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 72-11929

Quant Time: Sep 24 16:02:43 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)

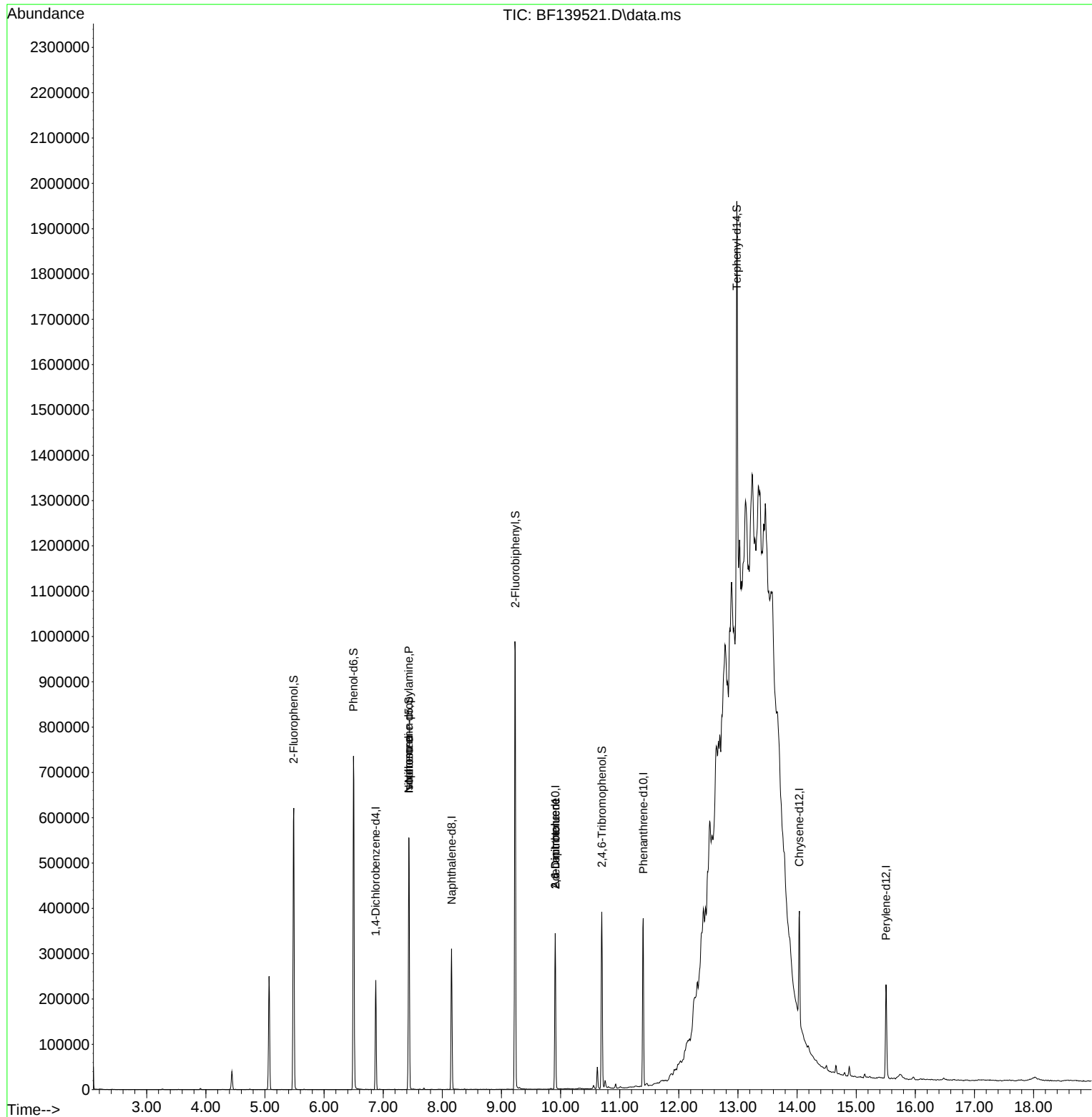
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	46397	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	177177	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	99101	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	199616	20.000	ng	0.00
76) Chrysene-d12	14.039	240	119089	20.000	ng	0.00
86) Perylene-d12	15.504	264	122057	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	207564	72.981	ng	0.00
7) Phenol-d6	6.498	99	307623	82.405	ng	0.00
23) Nitrobenzene-d5	7.434	82	221616	58.803	ng	-0.01
42) 2,4,6-Tribromophenol	10.698	330	56553	53.602	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	431923	61.128	ng	0.00
79) Terphenyl-d14	12.980	244	430643	59.355	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.434	70	30515	13.794	ng	# 75
25) Isophorone	7.434	82	221613	37.181	ng	# 66
51) 2,6-Dinitrotoluene	9.910	165	12279	8.522	ng	# 15
57) 2,4-Dinitrotoluene	9.910	165	12279	6.312	ng	# 17

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

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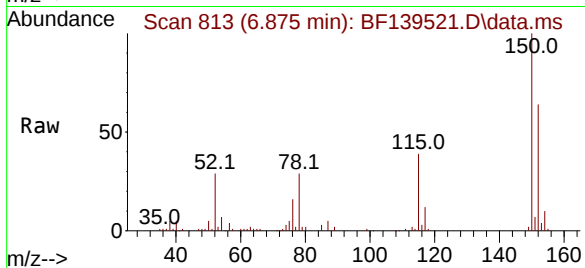
Quant Time: Sep 24 16:02:43 2024
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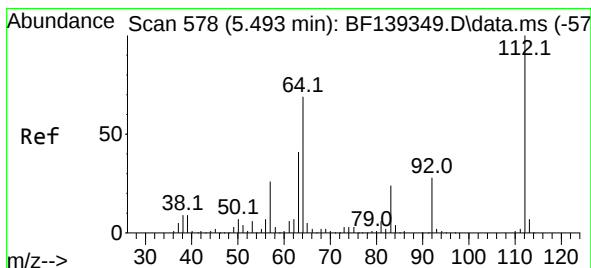
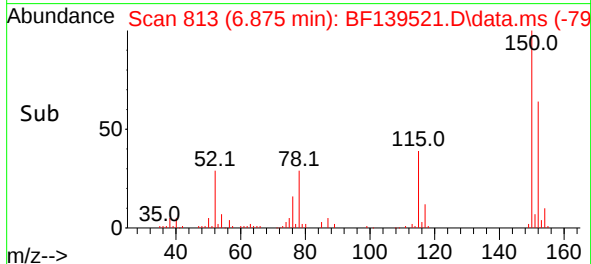
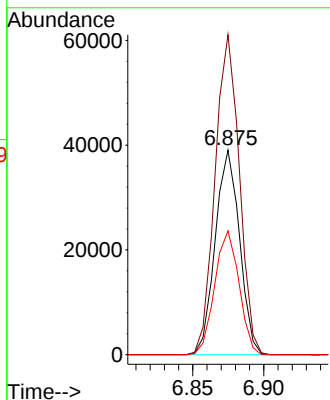


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 814
Delta R.T. -0.006 min
Lab File: BF139521.D
Acq: 24 Sep 2024 15:41

Instrument :
BNA_F
ClientSampleId :
72-11929

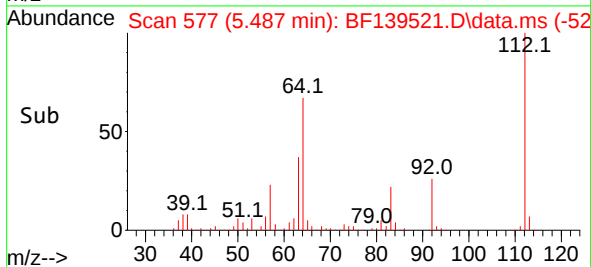
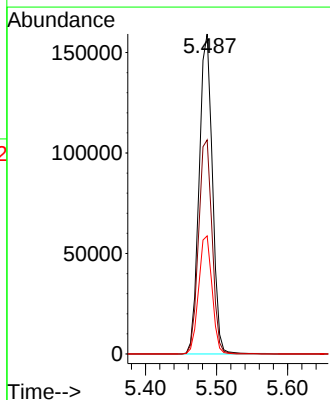
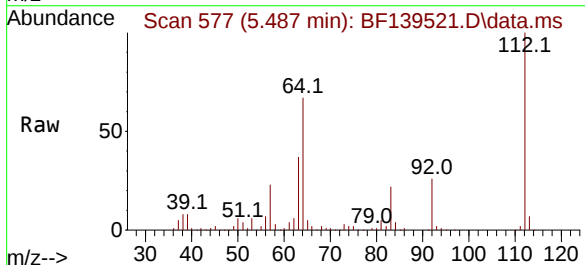


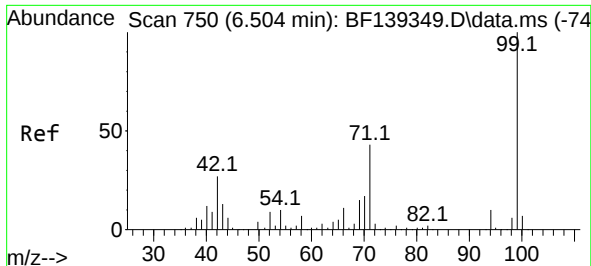
Tgt Ion:152 Resp: 46397
Ion Ratio Lower Upper
152 100
150 156.5 124.1 186.1
115 60.6 48.1 72.1



#5
2-Fluorophenol
Concen: 72.981 ng
RT: 5.487 min Scan# 577
Delta R.T. -0.006 min
Lab File: BF139521.D
Acq: 24 Sep 2024 15:41

Tgt Ion:112 Resp: 207564
Ion Ratio Lower Upper
112 100
64 66.9 54.8 82.2
63 36.9 33.0 49.4

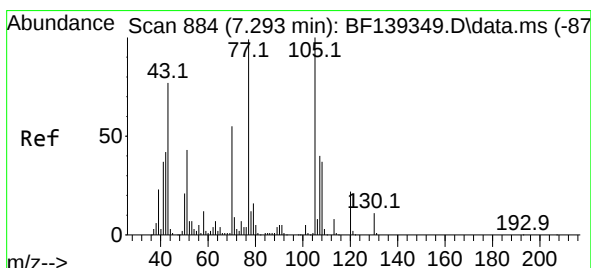
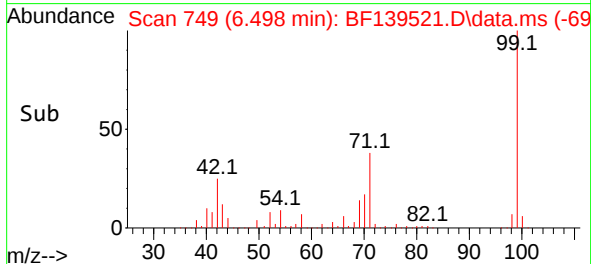
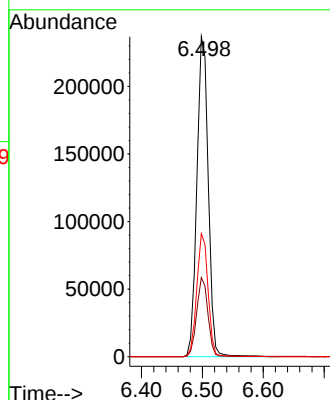
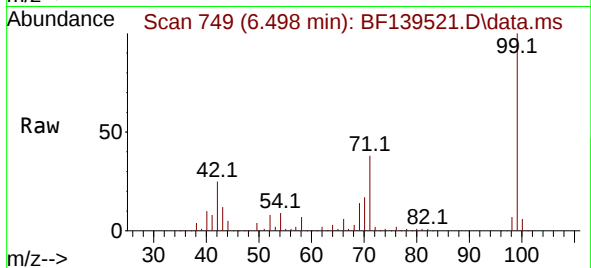




#7
Phenol-d6
Concen: 82.405 ng
RT: 6.498 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF139521.D
Acq: 24 Sep 2024 15:41

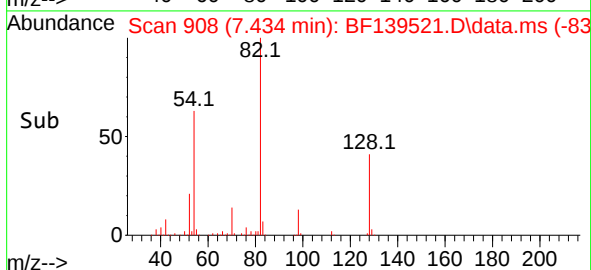
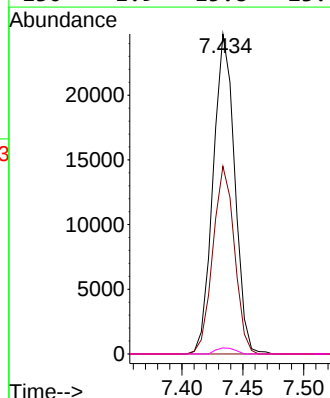
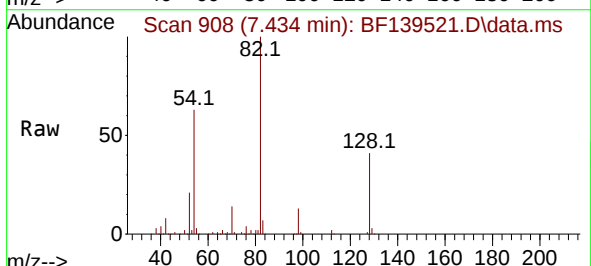
Instrument :
BNA_F
ClientSampleId :
72-11929

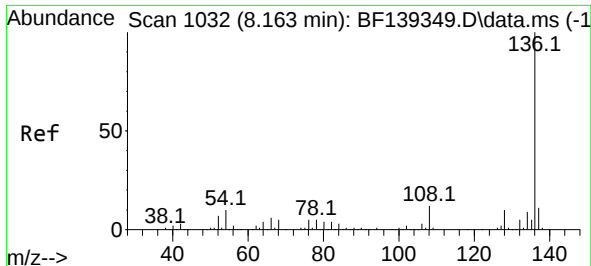
Tgt Ion: 99 Resp: 307623
Ion Ratio Lower Upper
99 100
42 24.7 21.9 32.9
71 38.4 34.6 52.0



#19
n-Nitroso-di-n-propylamine
Concen: 13.794 ng
RT: 7.434 min Scan# 908
Delta R.T. 0.141 min
Lab File: BF139521.D
Acq: 24 Sep 2024 15:41

Tgt Ion: 70 Resp: 30515
Ion Ratio Lower Upper
70 100
42 58.7 61.2 91.8#
101 0.0 7.5 11.3#
130 1.9 15.8 23.8#



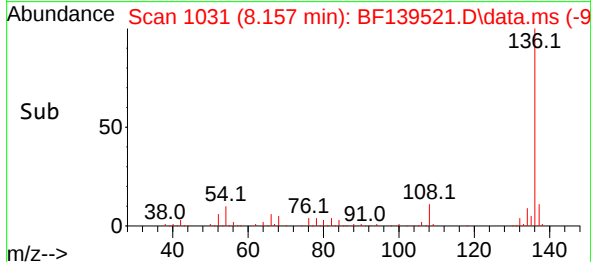
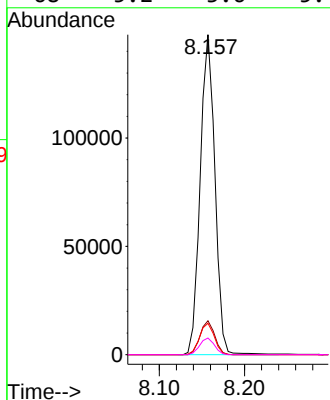
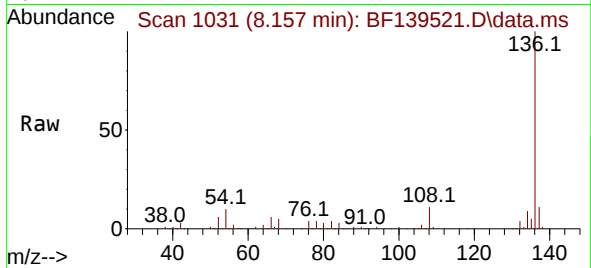


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 10
Delta R.T. -0.006 min
Lab File: BF139521.D
Acq: 24 Sep 2024 15:41

Instrument :
BNA_F
ClientSampleId :
72-11929

Tgt Ion:136 Resp: 177177

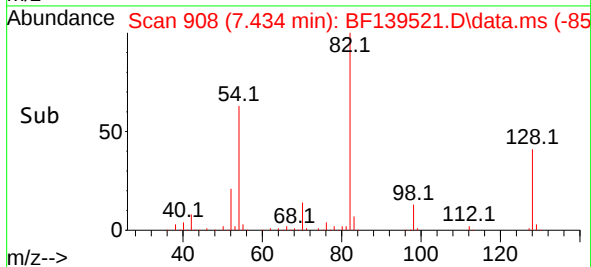
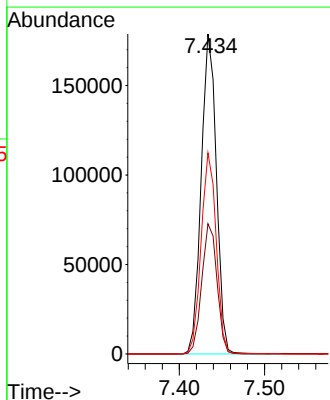
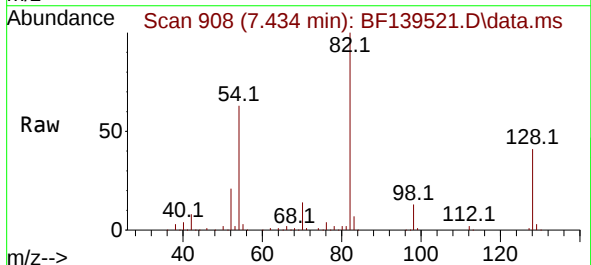
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.6	12.8
54	9.8	7.8	11.8
68	5.2	3.6	5.4



#23
Nitrobenzene-d5
Concen: 58.803 ng
RT: 7.434 min Scan# 908
Delta R.T. -0.012 min
Lab File: BF139521.D
Acq: 24 Sep 2024 15:41

Tgt Ion: 82 Resp: 221616

Ion	Ratio	Lower	Upper
82	100		
128	40.7	31.8	47.6
54	62.9	50.6	75.8

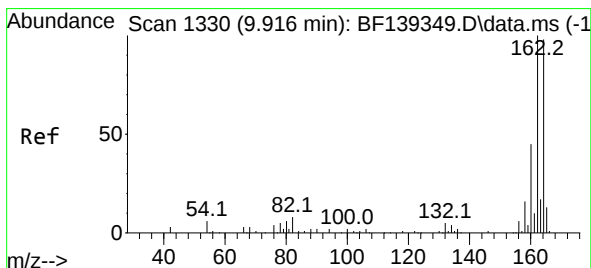
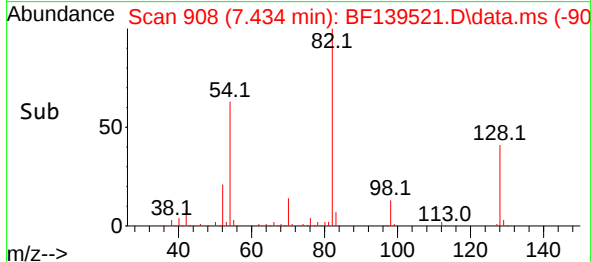
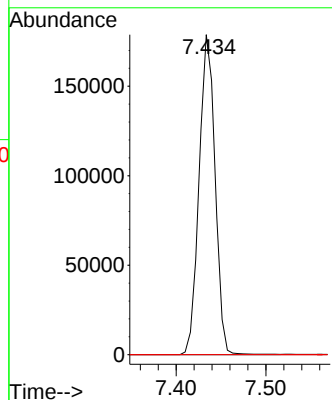
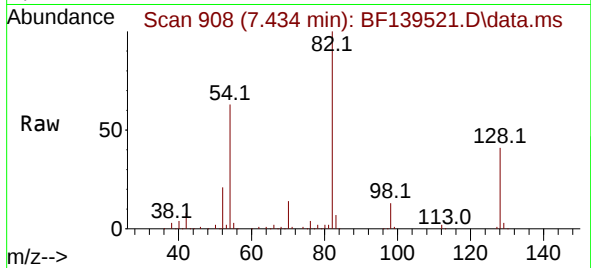




#25
Isophorone
Concen: 37.181 ng
RT: 7.434 min Scan# 90
Delta R.T. -0.265 min
Lab File: BF139521.D
Acq: 24 Sep 2024 15:41

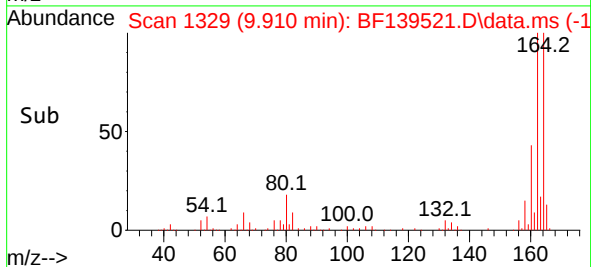
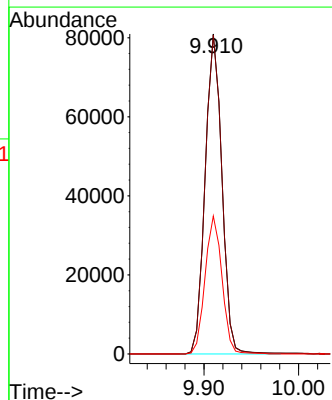
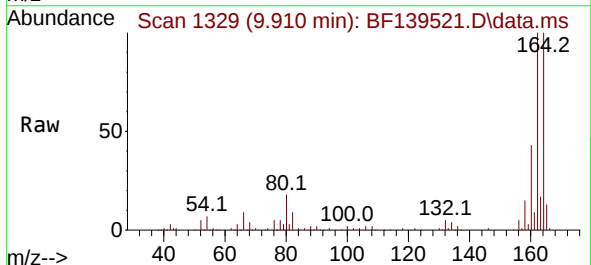
Instrument :
BNA_F
ClientSampleId :
72-11929

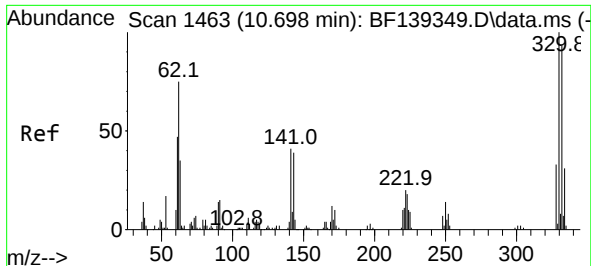
Tgt Ion: 82 Resp: 221613
Ion Ratio Lower Upper
82 100
95 0.0 6.7 10.1#
138 0.0 13.3 19.9#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.910 min Scan# 1329
Delta R.T. -0.006 min
Lab File: BF139521.D
Acq: 24 Sep 2024 15:41

Tgt Ion: 164 Resp: 99101
Ion Ratio Lower Upper
164 100
162 99.7 81.3 121.9
160 43.1 36.4 54.6





#42

2,4,6-Tribromophenol

Concen: 53.602 ng

RT: 10.698 min Scan# 1463

Delta R.T. -0.000 min

Lab File: BF139521.D

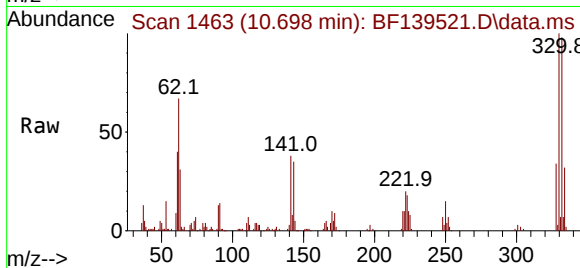
Acq: 24 Sep 2024 15:41

Instrument :

BNA_F

ClientSampleId :

72-11929



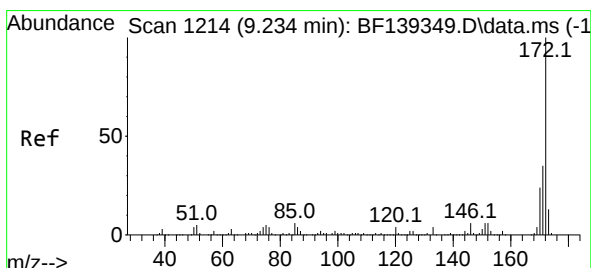
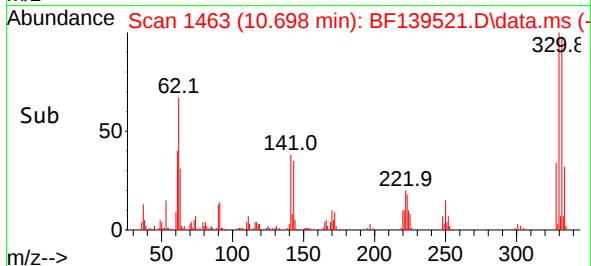
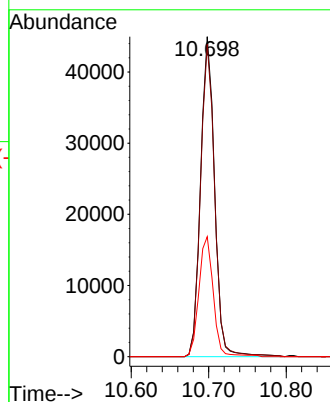
Tgt Ion:330 Resp: 56553

Ion Ratio Lower Upper

330 100

332 98.2 75.2 112.8

141 38.5 31.2 46.8



#45

2-Fluorobiphenyl

Concen: 61.128 ng

RT: 9.233 min Scan# 1214

Delta R.T. -0.000 min

Lab File: BF139521.D

Acq: 24 Sep 2024 15:41

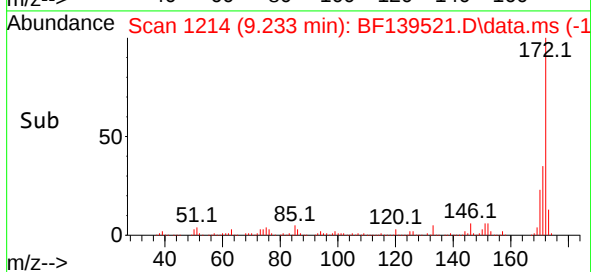
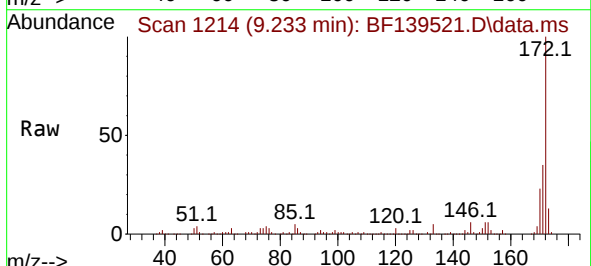
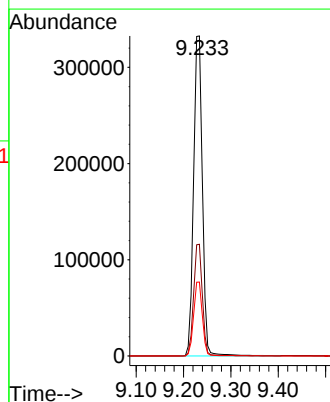
Tgt Ion:172 Resp: 431923

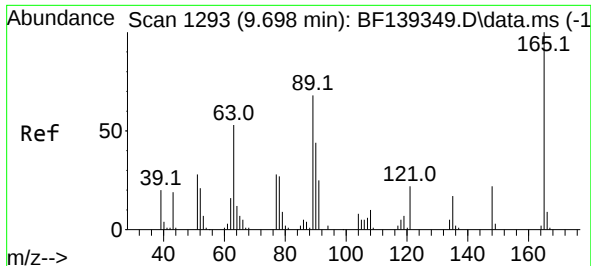
Ion Ratio Lower Upper

172 100

171 34.9 28.3 42.5

170 23.1 19.0 28.6





#51

2,6-Dinitrotoluene

Concen: 8.522 ng

RT: 9.910 min Scan# 1

Delta R.T. 0.212 min

Lab File: BF139521.D

Acq: 24 Sep 2024 15:41

Instrument :

BNA_F

ClientSampleId :

72-11929

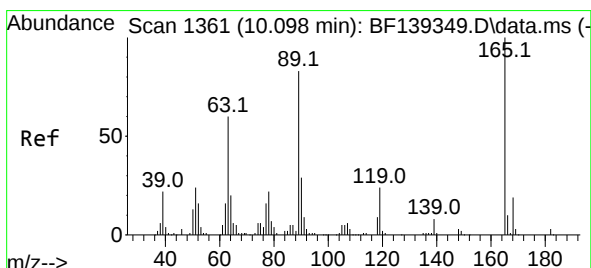
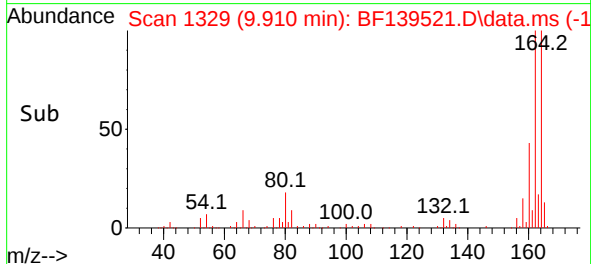
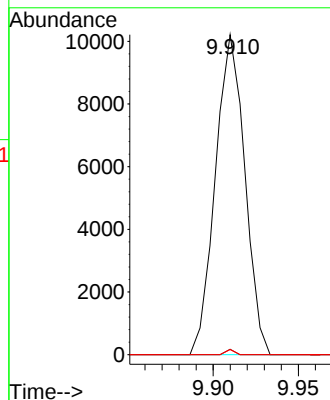
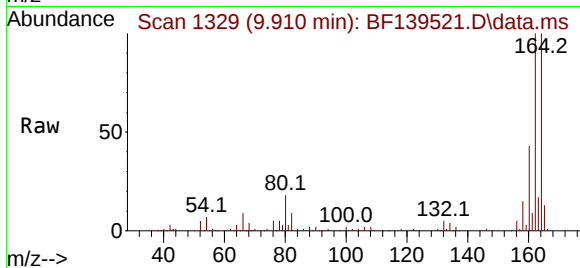
Tgt Ion:165 Resp: 12279

Ion Ratio Lower Upper

165 100

63 1.7 60.9 91.3#

89 1.6 54.7 82.1#



#57

2,4-Dinitrotoluene

Concen: 6.312 ng

RT: 9.910 min Scan# 1329

Delta R.T. -0.188 min

Lab File: BF139521.D

Acq: 24 Sep 2024 15:41

Tgt Ion:165 Resp: 12279

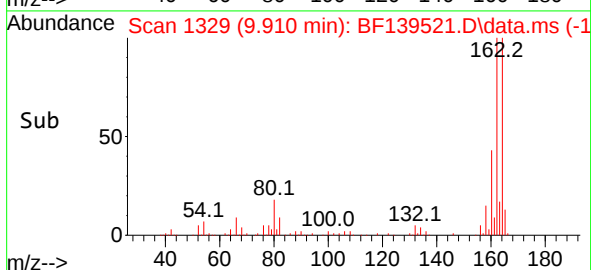
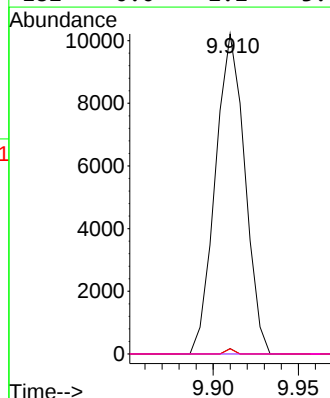
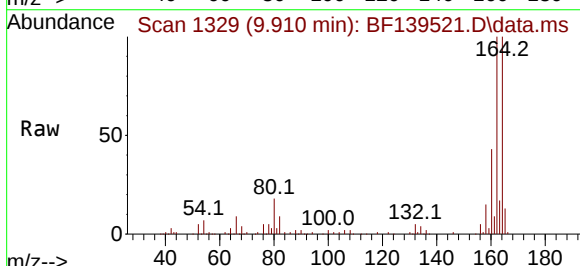
Ion Ratio Lower Upper

165 100

63 1.7 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: 11.398 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF139521.D

Acq: 24 Sep 2024 15:41

Instrument :

BNA_F

ClientSampleId :

72-11929

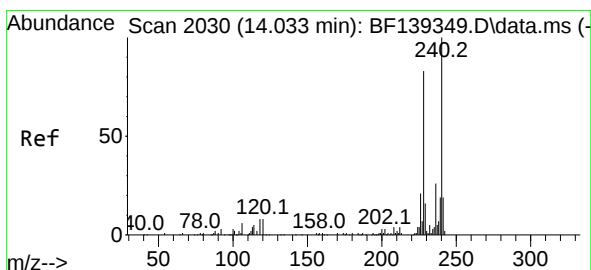
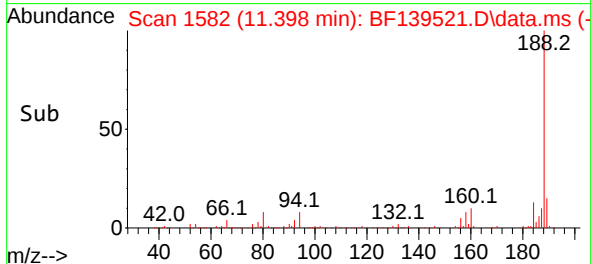
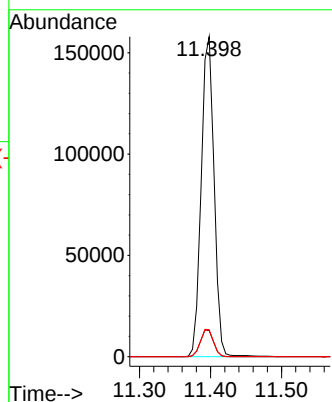
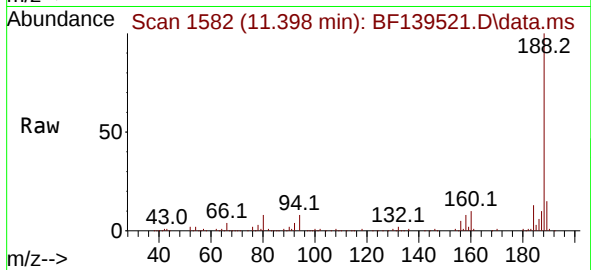
Tgt Ion:188 Resp: 199616

Ion Ratio Lower Upper

188 100

94 8.2 5.5 8.3

80 8.4 6.6 9.8



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.039 min Scan# 2031

Delta R.T. 0.006 min

Lab File: BF139521.D

Acq: 24 Sep 2024 15:41

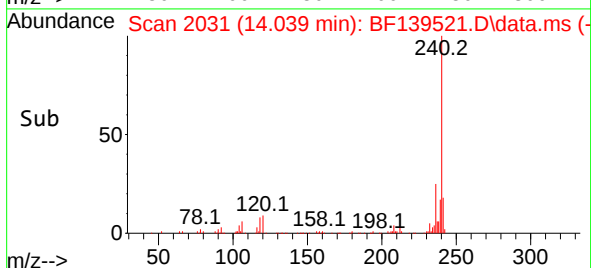
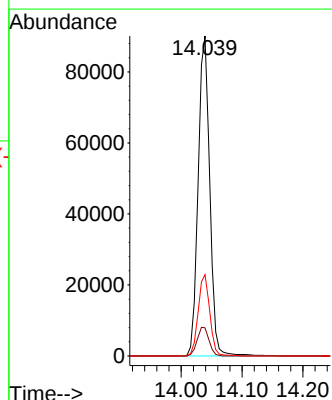
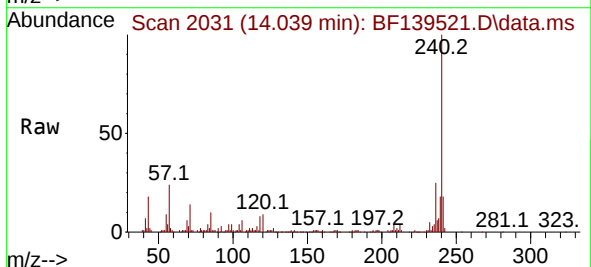
Tgt Ion:240 Resp: 119089

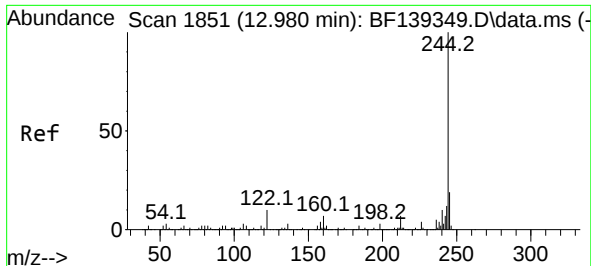
Ion Ratio Lower Upper

240 100

120 8.8 6.2 9.2

236 25.4 20.9 31.3

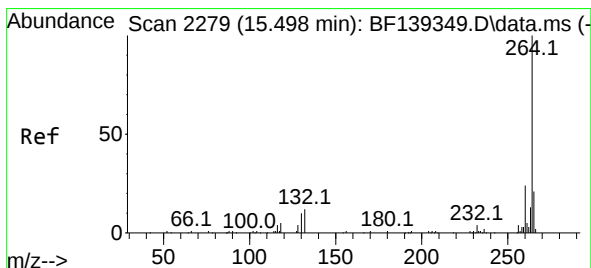
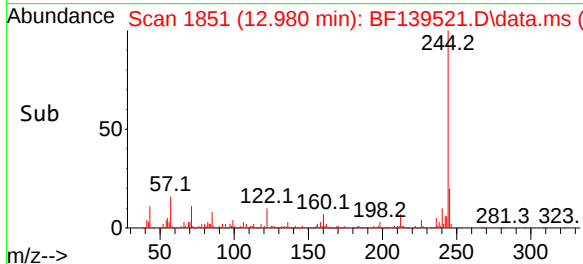
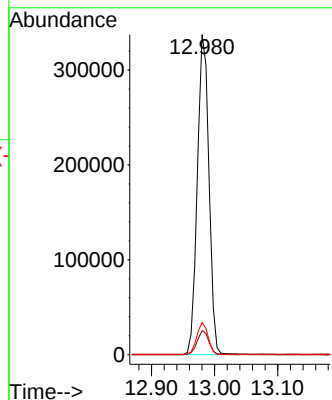
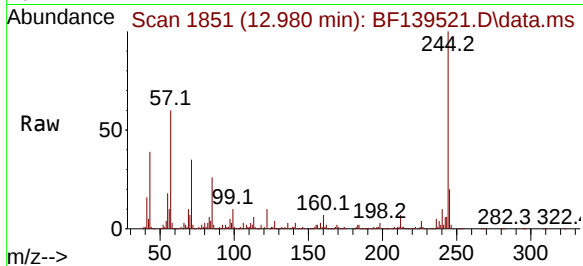




#79
 Terphenyl-d14
 Concen: 59.355 ng
 RT: 12.980 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF139521.D
 Acq: 24 Sep 2024 15:41

Instrument :
 BNA_F
 ClientSampleId :
 72-11929

Tgt Ion:244 Resp: 430643
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.0 9.0
 122 10.1 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: BF139521.D
 Acq: 24 Sep 2024 15:41

Tgt Ion:264 Resp: 122057
 Ion Ratio Lower Upper
 264 100
 260 23.2 19.5 29.3
 265 20.4 16.6 25.0

