

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092524\
 Data File : BF139539.D
 Acq On : 25 Sep 2024 20:15
 Operator : RC/JU
 Sample : P4168-03 5X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SU-04-09242024

Quant Time: Sep 26 01:28:50 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)

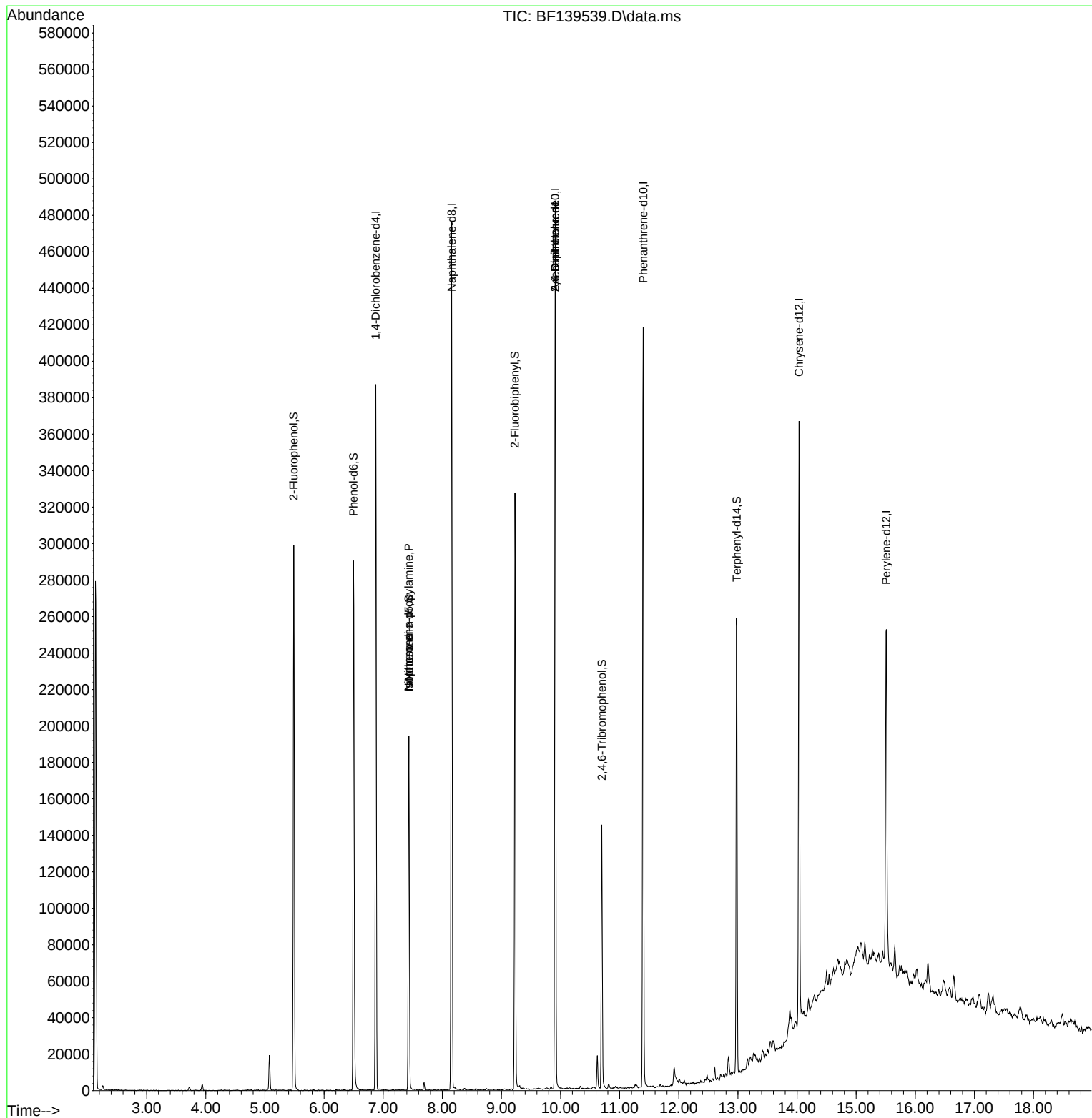
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	75104	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	275678	20.000	ng	# 0.00
39) Acenaphthene-d10	9.910	164	141735	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	223232	20.000	ng	# 0.00
76) Chrysene-d12	14.033	240	148865	20.000	ng	# 0.00
86) Perylene-d12	15.510	264	111318	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	96741	21.013	ng	0.00
7) Phenol-d6	6.498	99	124895	20.668	ng	0.00
23) Nitrobenzene-d5	7.434	82	79008	13.473	ng	-0.01
42) 2,4,6-Tribromophenol	10.698	330	21418	14.194	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	140474	13.900	ng	0.00
79) Terphenyl-d14	12.980	244	120597	13.297	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.434	70	10546	2.945	ng	# 75
25) Isophorone	7.434	82	79006	8.519	ng	# 66
51) 2,6-Dinitrotoluene	9.910	165	17992	8.730	ng	# 15
57) 2,4-Dinitrotoluene	9.910	165	17992	6.467	ng	# 16

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

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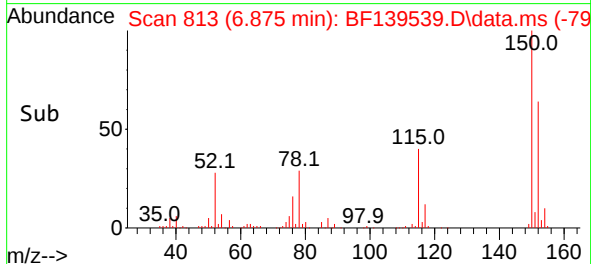
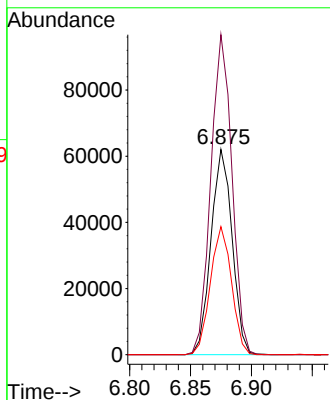
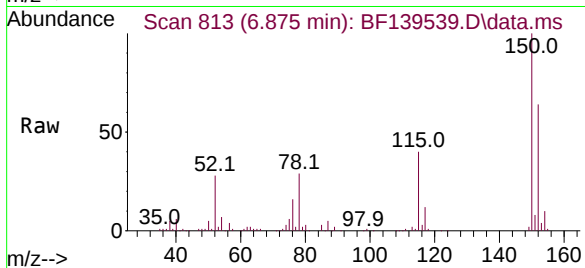




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 814
Delta R.T. -0.006 min
Lab File: BF139539.D
Acq: 25 Sep 2024 20:15

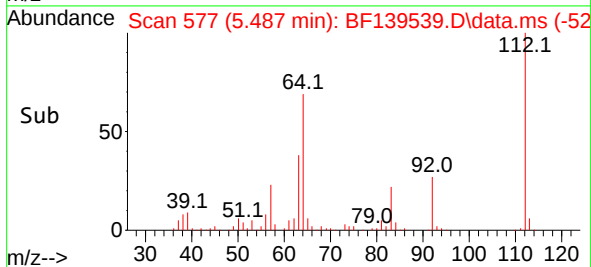
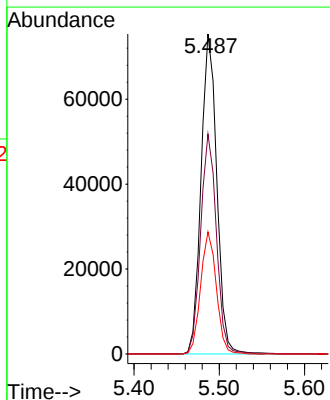
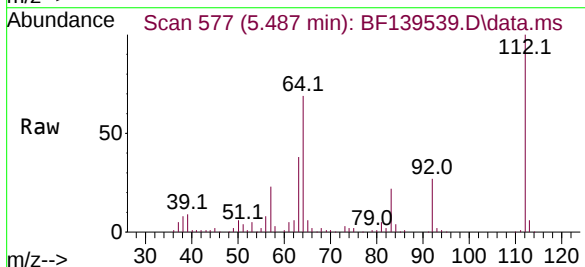
Instrument :
BNA_F
ClientSampleId :
SU-04-09242024

Tgt Ion:152 Resp: 75104
Ion Ratio Lower Upper
152 100
150 155.9 124.1 186.1
115 62.4 48.1 72.1



#5
2-Fluorophenol
Concen: 21.013 ng
RT: 5.487 min Scan# 577
Delta R.T. -0.006 min
Lab File: BF139539.D
Acq: 25 Sep 2024 20:15

Tgt Ion:112 Resp: 96741
Ion Ratio Lower Upper
112 100
64 68.8 54.8 82.2
63 38.1 33.0 49.4

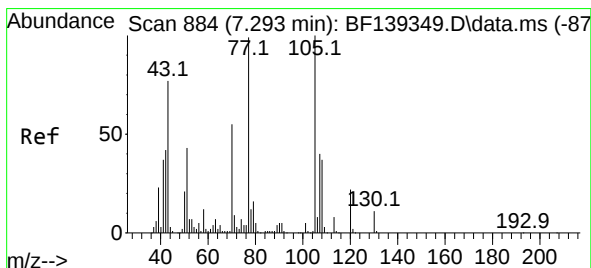
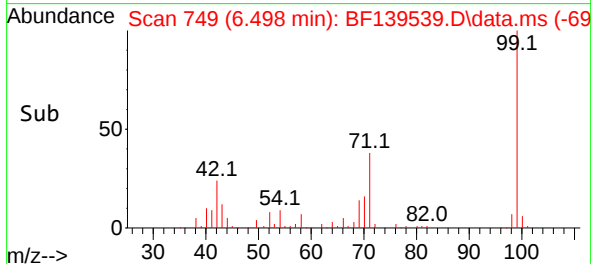
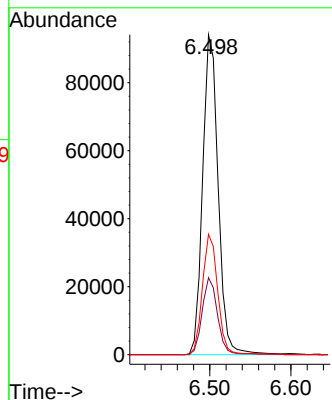
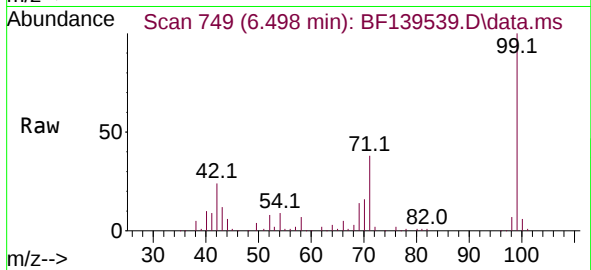




#7
Phenol-d6
Concen: 20.668 ng
RT: 6.498 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF139539.D
Acq: 25 Sep 2024 20:15

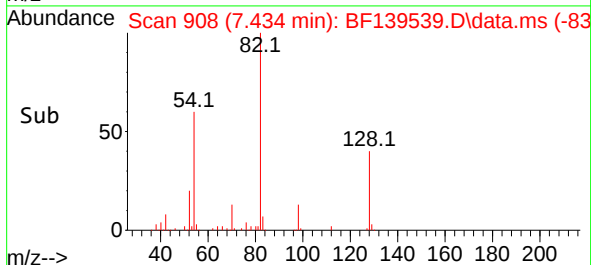
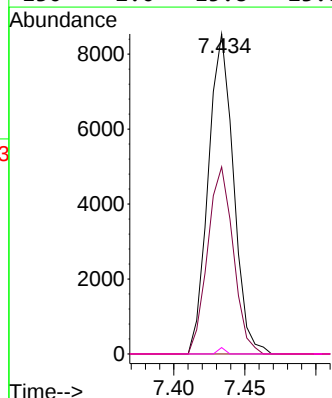
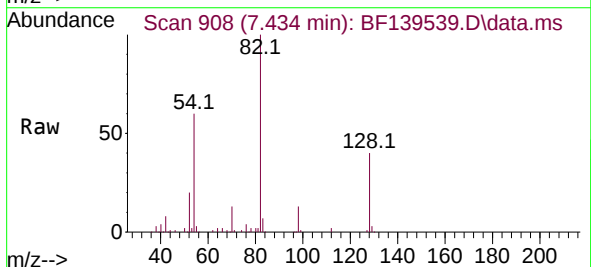
Instrument :
BNA_F
ClientSampleId :
SU-04-09242024

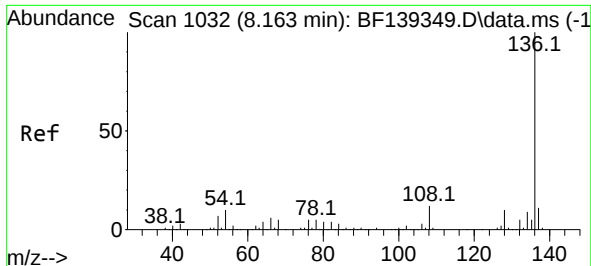
Tgt Ion: 99 Resp: 124895
Ion Ratio Lower Upper
99 100
42 24.0 21.9 32.9
71 37.6 34.6 52.0



#19
n-Nitroso-di-n-propylamine
Concen: 2.945 ng
RT: 7.434 min Scan# 908
Delta R.T. 0.141 min
Lab File: BF139539.D
Acq: 25 Sep 2024 20:15

Tgt Ion: 70 Resp: 10546
Ion Ratio Lower Upper
70 100
42 58.4 61.2 91.8#
101 0.0 7.5 11.3#
130 2.0 15.8 23.8#

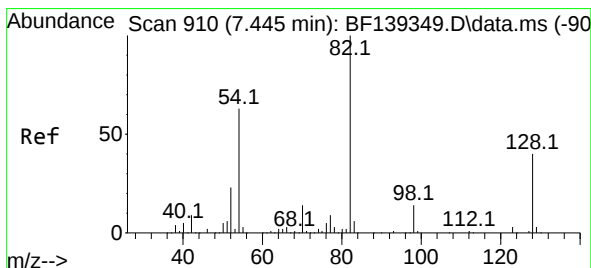
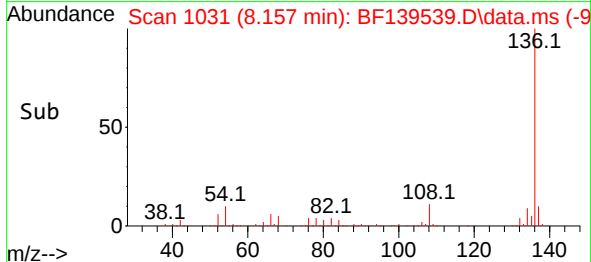
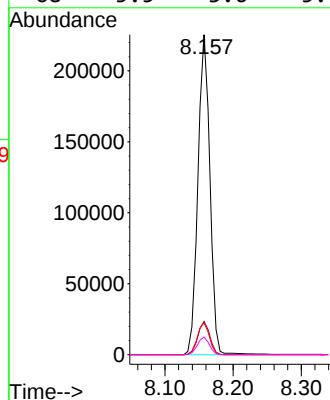
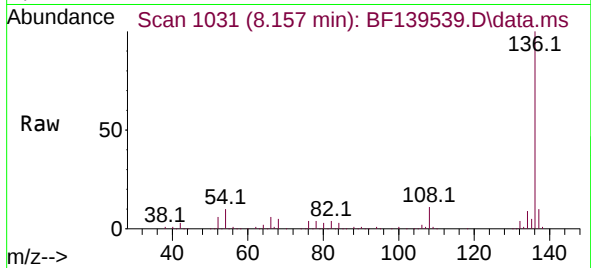




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF139539.D
Acq: 25 Sep 2024 20:15

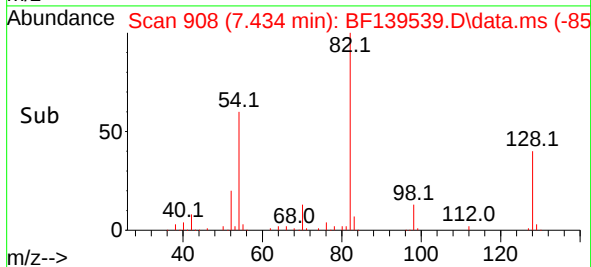
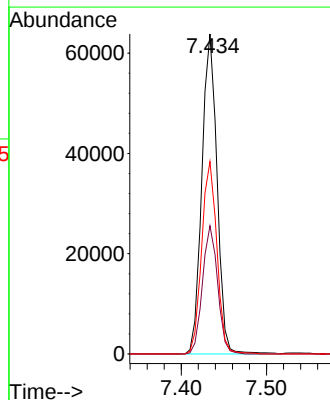
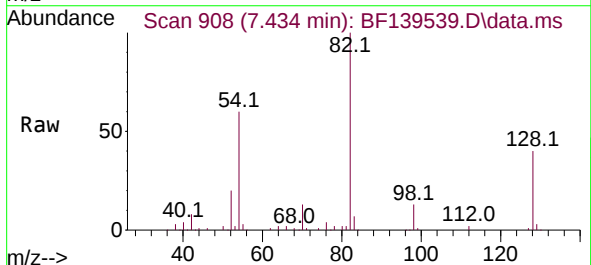
Instrument :
BNA_F
ClientSampleId :
SU-04-09242024

Tgt Ion:	136	Resp:	275678
Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.6	12.8
54	10.0	7.8	11.8
68	5.5	3.6	5.4



#23
Nitrobenzene-d5
Concen: 13.473 ng
RT: 7.434 min Scan# 908
Delta R.T. -0.012 min
Lab File: BF139539.D
Acq: 25 Sep 2024 20:15

Tgt Ion:	82	Resp:	79008
Ion	Ratio	Lower	Upper
82	100		
128	40.0	31.8	47.6
54	60.1	50.6	75.8

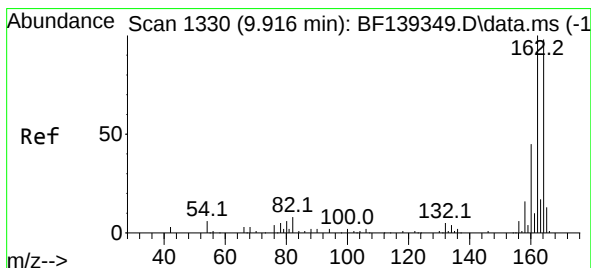
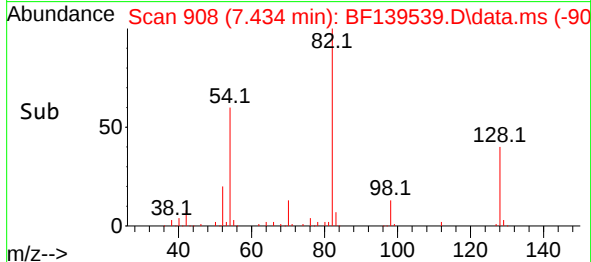
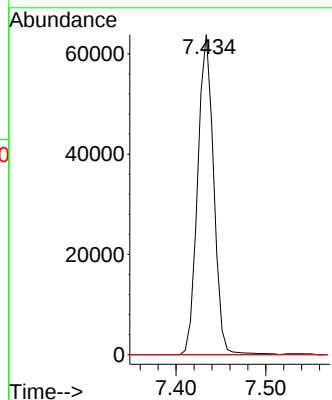
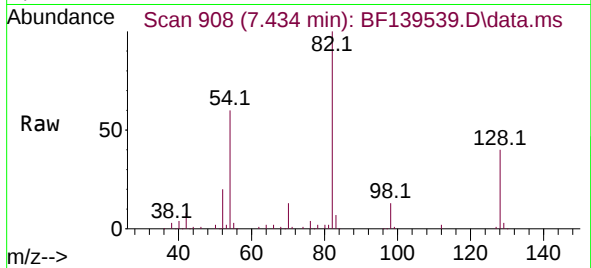




#25
Isophorone
Concen: 8.519 ng
RT: 7.434 min Scan# 90
Delta R.T. -0.265 min
Lab File: BF139539.D
Acq: 25 Sep 2024 20:15

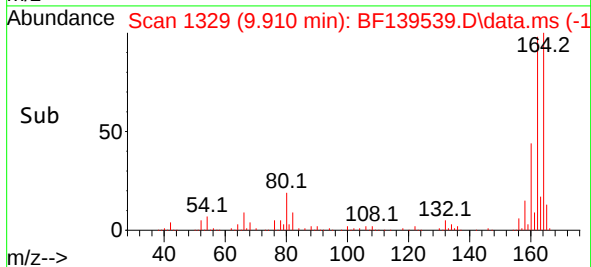
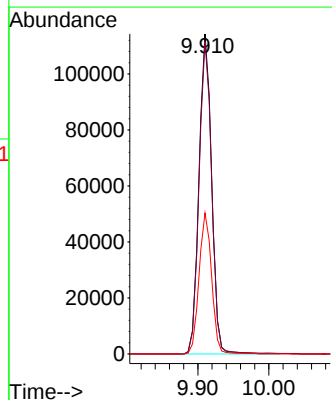
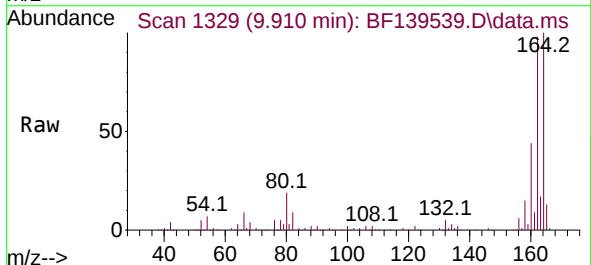
Instrument :
BNA_F
ClientSampleId :
SU-04-09242024

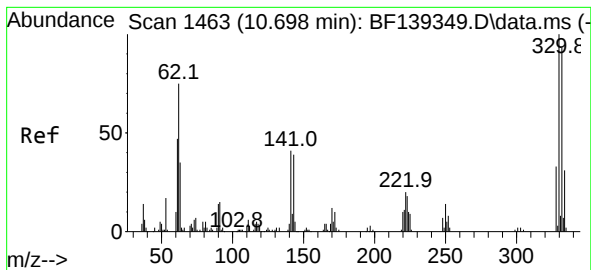
Tgt Ion: 82 Resp: 79006
Ion Ratio Lower Upper
82 100
95 0.0 6.7 10.1#
138 0.0 13.3 19.9#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.910 min Scan# 1329
Delta R.T. -0.006 min
Lab File: BF139539.D
Acq: 25 Sep 2024 20:15

Tgt Ion: 164 Resp: 141735
Ion Ratio Lower Upper
164 100
162 97.7 81.3 121.9
160 44.0 36.4 54.6

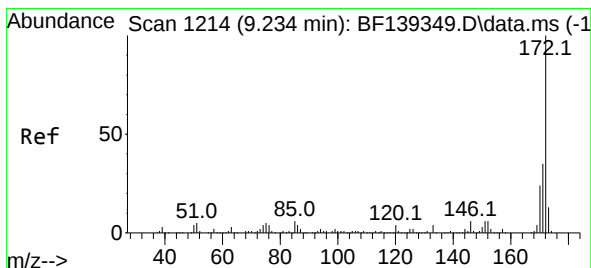
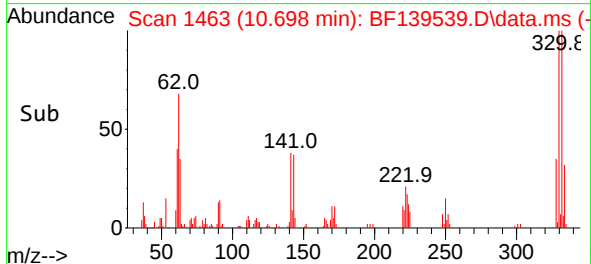
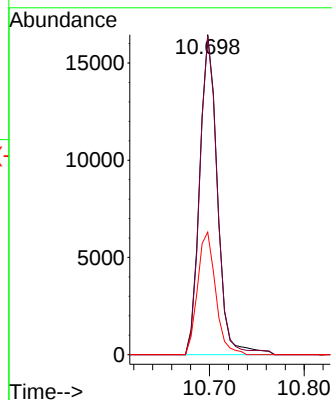
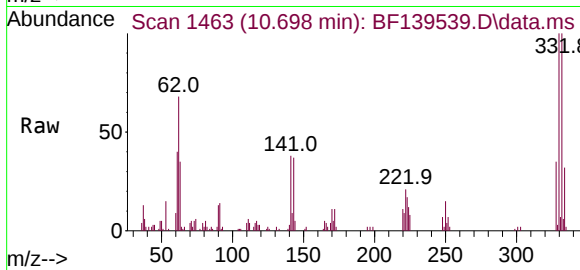




#42
2,4,6-Tribromophenol
Concen: 14.194 ng
RT: 10.698 min Scan# 1463
Delta R.T. -0.000 min
Lab File: BF139539.D
Acq: 25 Sep 2024 20:15

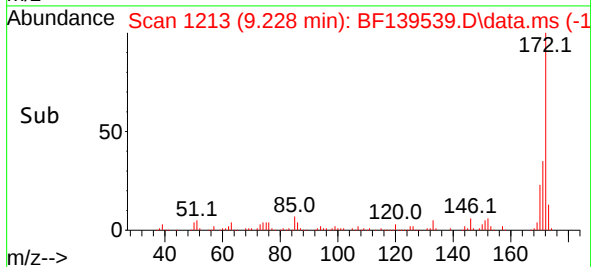
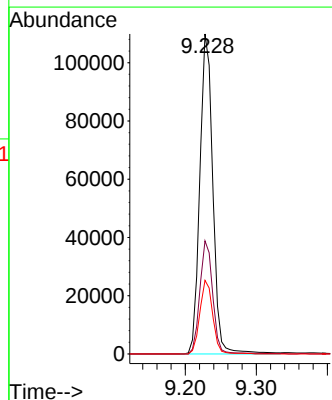
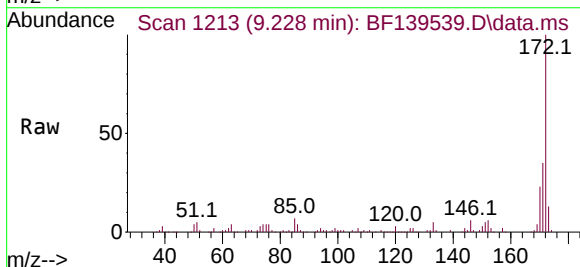
Instrument :
BNA_F
ClientSampleId :
SU-04-09242024

Tgt Ion:330 Resp: 21418
Ion Ratio Lower Upper
330 100
332 98.3 75.2 112.8
141 39.0 31.2 46.8



#45
2-Fluorobiphenyl
Concen: 13.900 ng
RT: 9.228 min Scan# 1213
Delta R.T. -0.006 min
Lab File: BF139539.D
Acq: 25 Sep 2024 20:15

Tgt Ion:172 Resp: 140474
Ion Ratio Lower Upper
172 100
171 35.4 28.3 42.5
170 23.0 19.0 28.6





#51

2,6-Dinitrotoluene

Concen: 8.730 ng

RT: 9.910 min Scan# 1

Delta R.T. 0.212 min

Lab File: BF139539.D

Acq: 25 Sep 2024 20:15

Instrument :

BNA_F

ClientSampleId :

SU-04-09242024

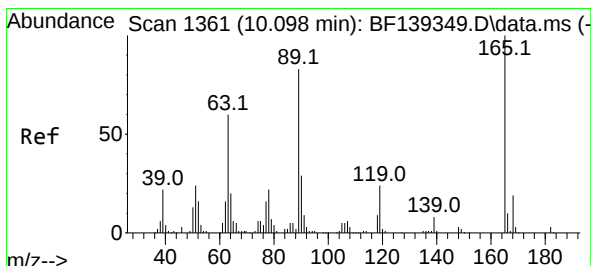
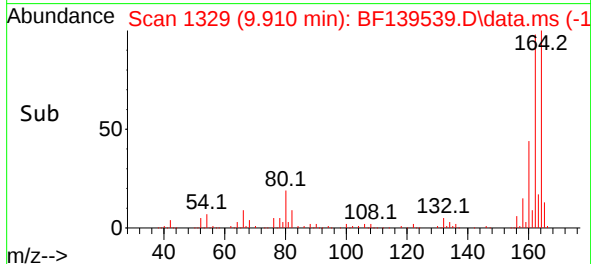
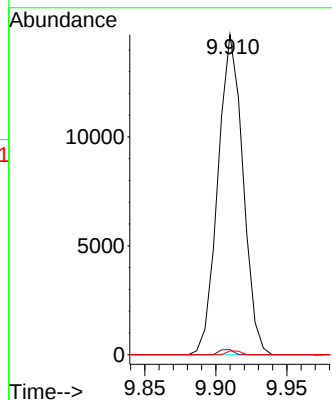
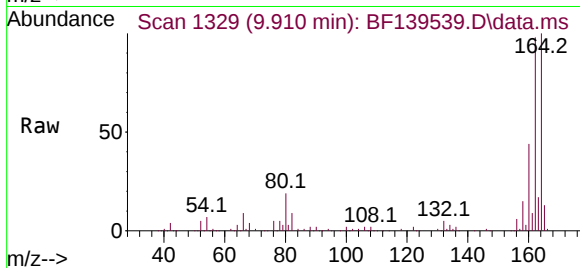
Tgt Ion:165 Resp: 17992

Ion Ratio Lower Upper

165 100

63 1.6 60.9 91.3#

89 1.2 54.7 82.1#



#57

2,4-Dinitrotoluene

Concen: 6.467 ng

RT: 9.910 min Scan# 1329

Delta R.T. -0.188 min

Lab File: BF139539.D

Acq: 25 Sep 2024 20:15

Tgt Ion:165 Resp: 17992

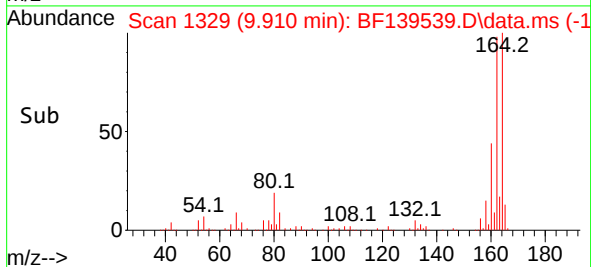
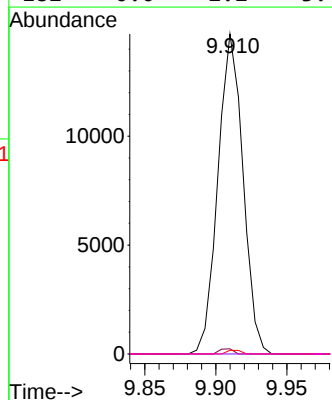
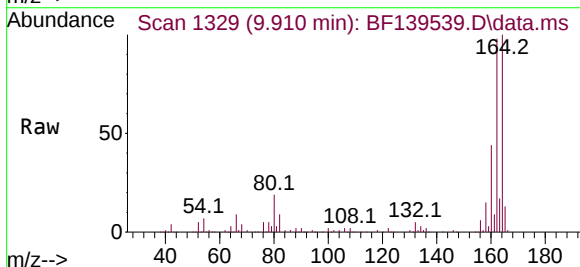
Ion Ratio Lower Upper

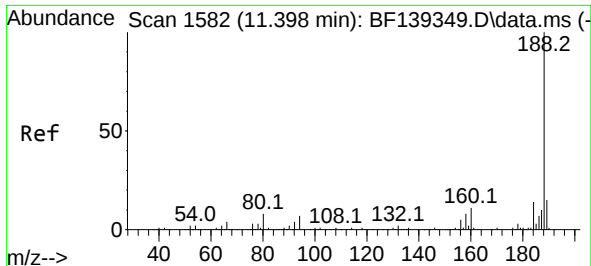
165 100

63 1.6 47.8 71.6#

89 1.2 66.7 100.1#

182 0.0 2.2 3.4#

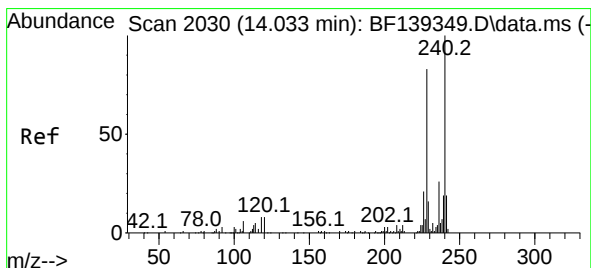
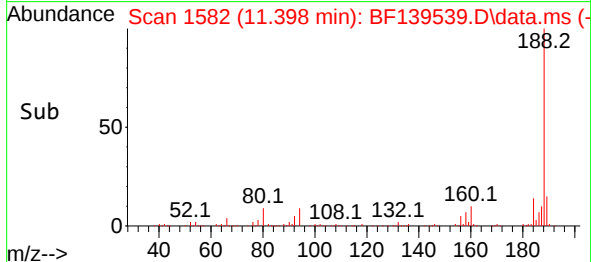
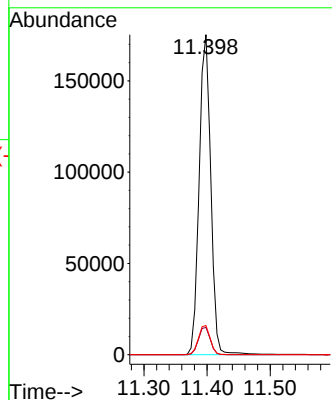
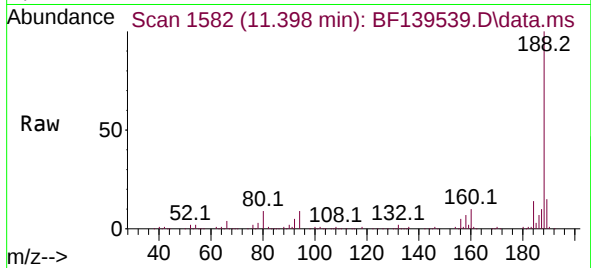




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF139539.D
Acq: 25 Sep 2024 20:15

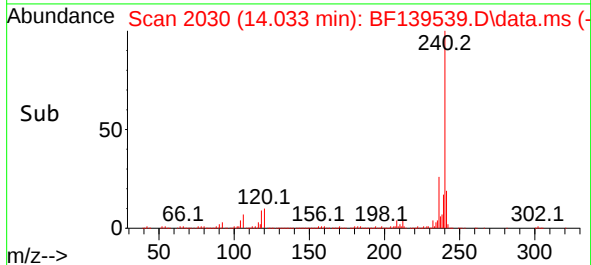
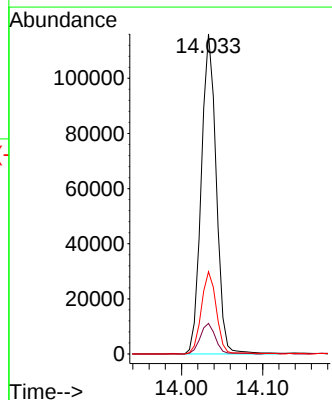
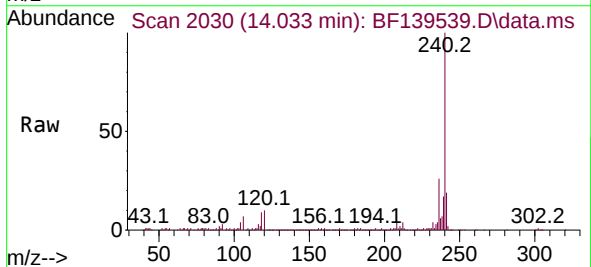
Instrument :
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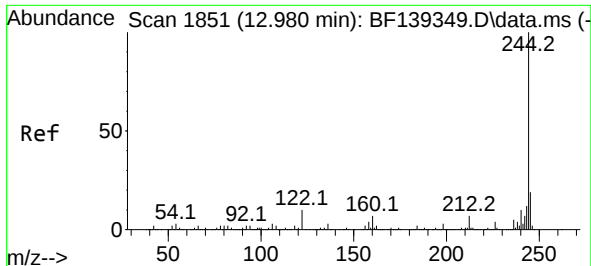
Tgt Ion:188 Resp: 223232
Ion Ratio Lower Upper
188 100
94 8.5 5.5 8.3#
80 9.1 6.6 9.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.033 min Scan# 2030
Delta R.T. -0.000 min
Lab File: BF139539.D
Acq: 25 Sep 2024 20:15

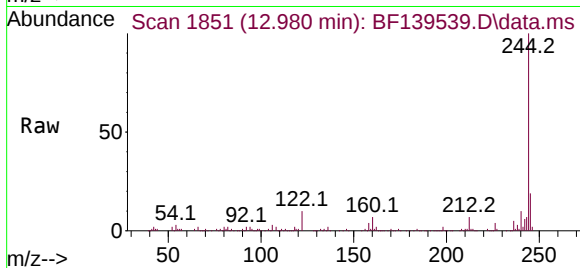
Tgt Ion:240 Resp: 148865
Ion Ratio Lower Upper
240 100
120 9.5 6.2 9.2#
236 25.7 20.9 31.3



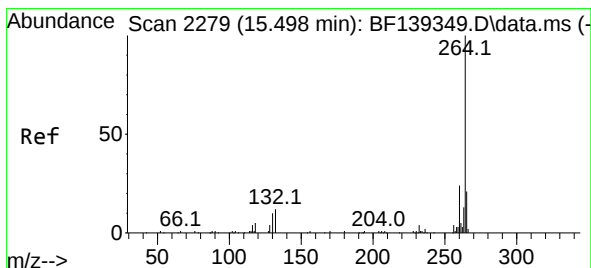
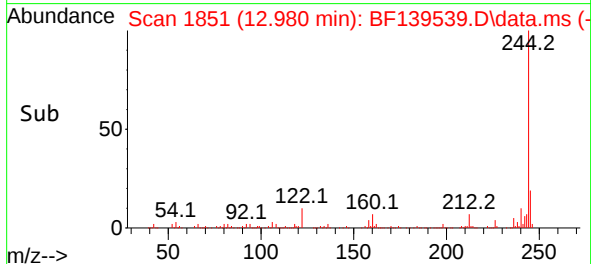
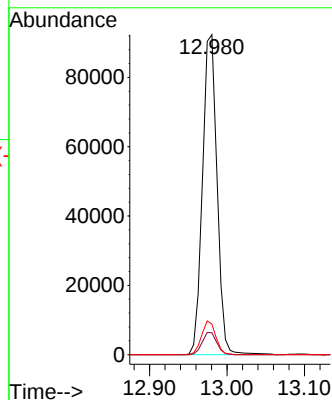


#79
Terphenyl-d14
Concen: 13.297 ng
RT: 12.980 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF139539.D
Acq: 25 Sep 2024 20:15

Instrument :
BNA_F
ClientSampleId :
SU-04-09242024



Tgt Ion:244 Resp: 120597
Ion Ratio Lower Upper
244 100
212 6.8 6.0 9.0
122 9.6 7.6 11.4



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.510 min Scan# 2281
Delta R.T. 0.012 min
Lab File: BF139539.D
Acq: 25 Sep 2024 20:15

Tgt Ion:264 Resp: 111318
Ion Ratio Lower Upper
264 100
260 24.0 19.5 29.3
265 21.1 16.6 25.0

