

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092524\
 Data File : BF139540.D
 Acq On : 25 Sep 2024 20:43
 Operator : RC/JU
 Sample : P4168-01 5X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SU-03-09242024

Quant Time: Sep 26 01:29:07 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)

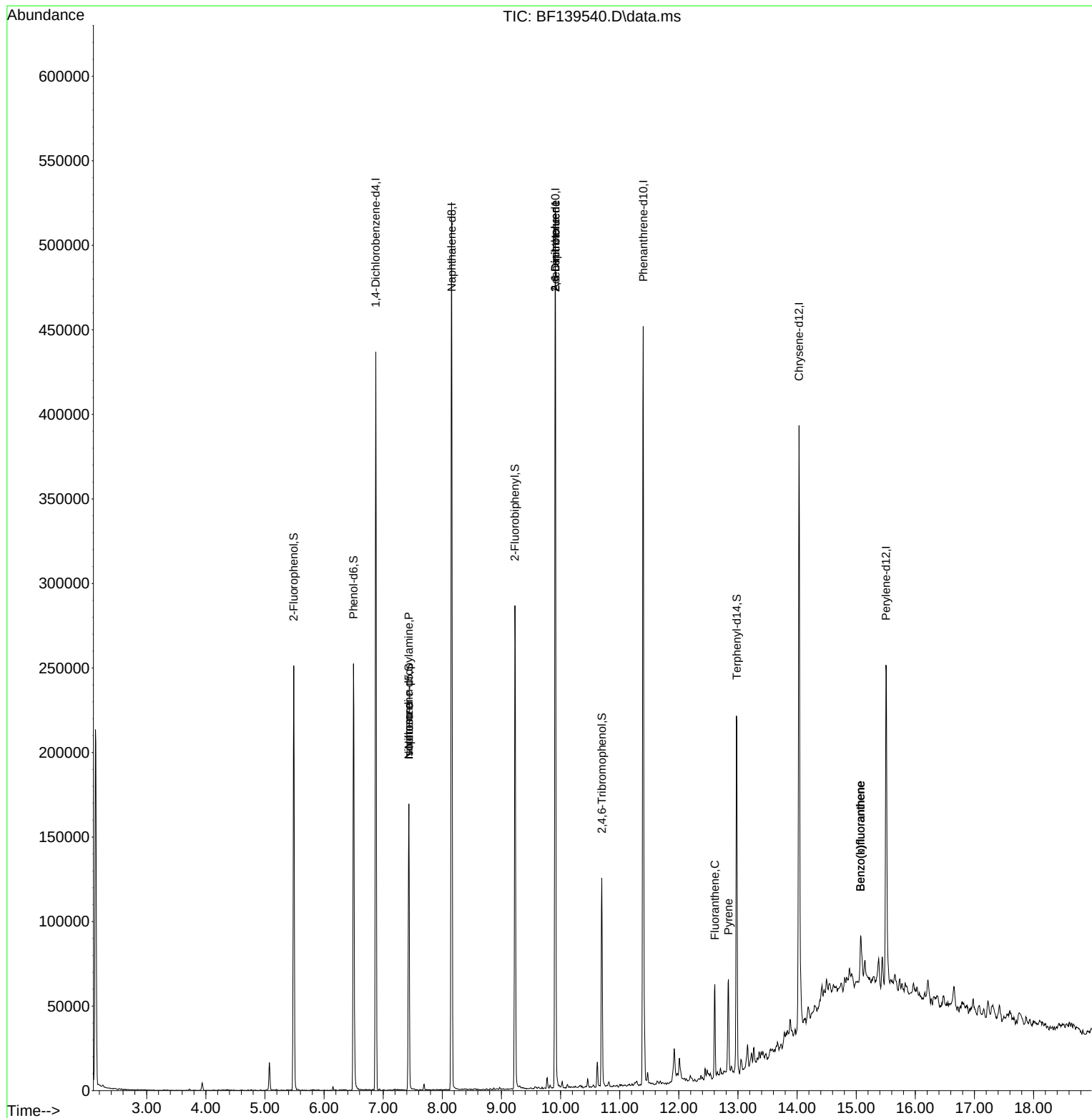
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	84092	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	306632	20.000	ng	# 0.00
39) Acenaphthene-d10	9.910	164	149508	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	237425	20.000	ng	0.00
76) Chrysene-d12	14.033	240	154518	20.000	ng	# 0.00
86) Perylene-d12	15.504	264	111479	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	82019	15.911	ng	0.00
7) Phenol-d6	6.498	99	108033	15.967	ng	0.00
23) Nitrobenzene-d5	7.434	82	67878	10.407	ng	-0.01
42) 2,4,6-Tribromophenol	10.698	330	18395	11.557	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	127103	11.923	ng	0.00
79) Terphenyl-d14	12.980	244	102467	10.885	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.434	70	8808	2.197	ng	# 76
25) Isophorone	7.434	82	67878	6.580	ng	# 66
51) 2,6-Dinitrotoluene	9.910	165	19634	9.032	ng	# 14
57) 2,4-Dinitrotoluene	9.910	165	19630	6.689	ng	# 16
75) Fluoranthene	12.610	202	31421	2.569	ng	97
78) Pyrene	12.839	202	32878	2.478	ng	99
88) Benzo(b)fluoranthene	15.074	252	20987	3.053	ng	# 90
89) Benzo(k)fluoranthene	15.074	252	20987	3.311	ng	# 89

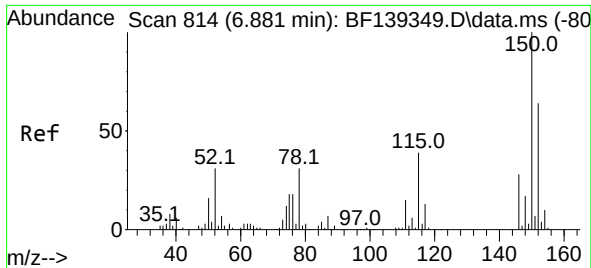
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092524\
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BNA_F
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SU-03-09242024

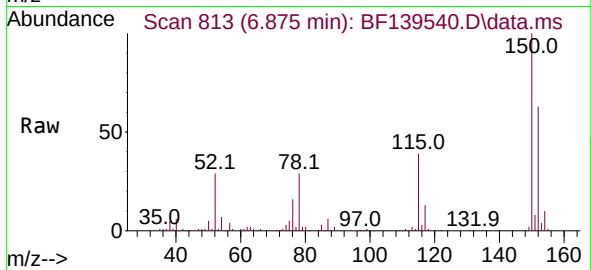
Quant Time: Sep 26 01:29:07 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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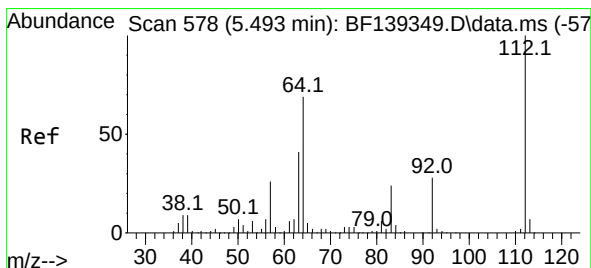
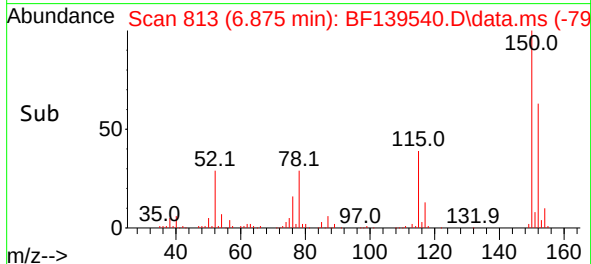
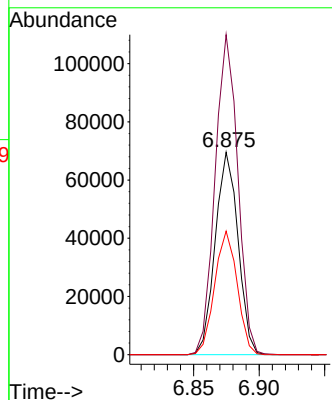


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 814
Delta R.T. -0.006 min
Lab File: BF139540.D
Acq: 25 Sep 2024 20:43

Instrument :
BNA_F
ClientSampleId :
SU-03-09242024

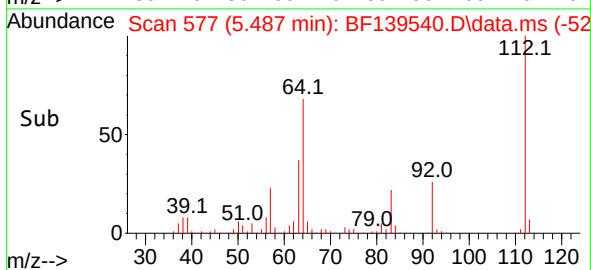
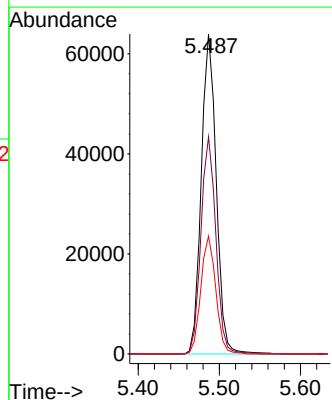
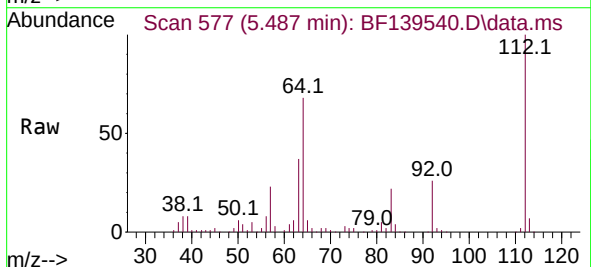


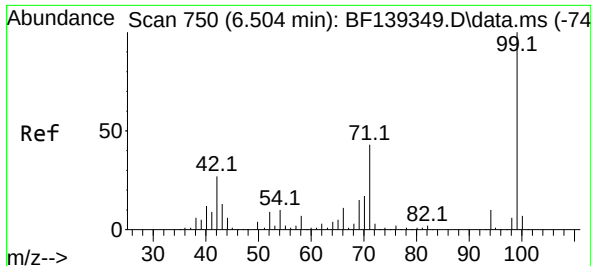
Tgt Ion:152 Resp: 84092
Ion Ratio Lower Upper
152 100
150 158.0 124.1 186.1
115 61.0 48.1 72.1



#5
2-Fluorophenol
Concen: 15.911 ng
RT: 5.487 min Scan# 577
Delta R.T. -0.006 min
Lab File: BF139540.D
Acq: 25 Sep 2024 20:43

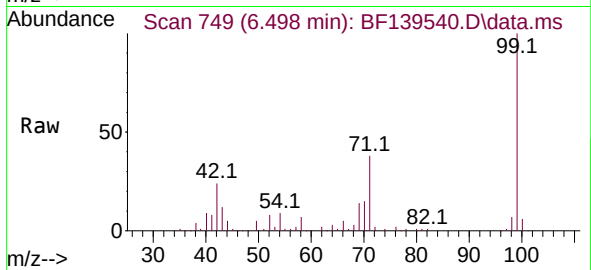
Tgt Ion:112 Resp: 82019
Ion Ratio Lower Upper
112 100
64 67.9 54.8 82.2
63 36.8 33.0 49.4



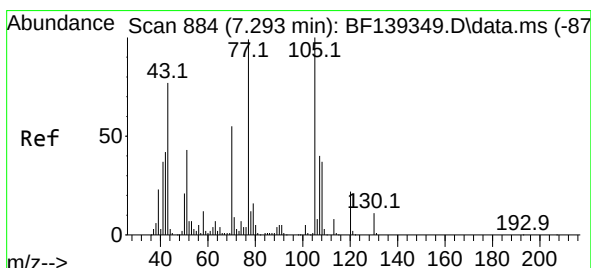
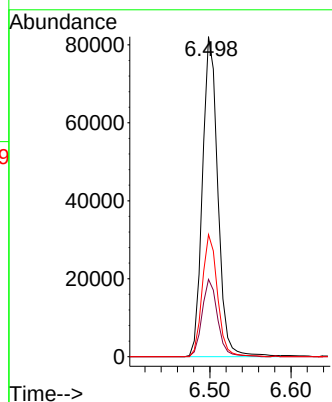
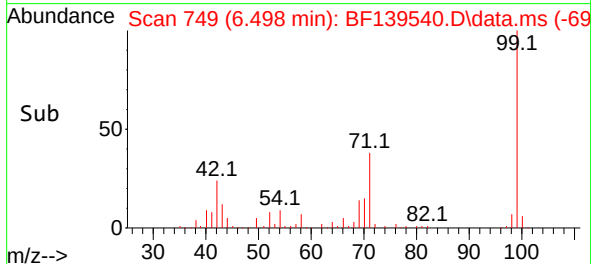


#7
Phenol-d6
Concen: 15.967 ng
RT: 6.498 min Scan# 741
Delta R.T. -0.006 min
Lab File: BF139540.D
Acq: 25 Sep 2024 20:43

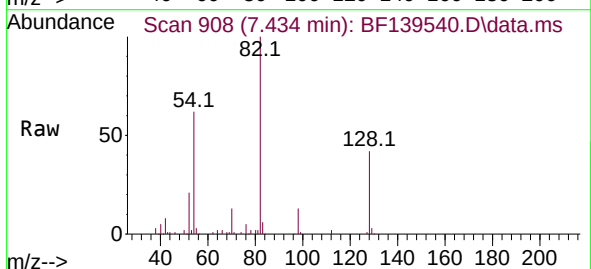
Instrument :
BNA_F
ClientSampleId :
SU-03-09242024



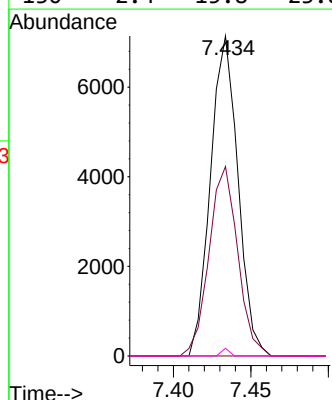
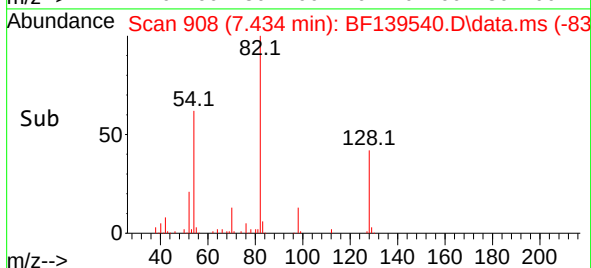
Tgt Ion: 99 Resp: 108033
Ion Ratio Lower Upper
99 100
42 24.1 21.9 32.9
71 38.1 34.6 52.0

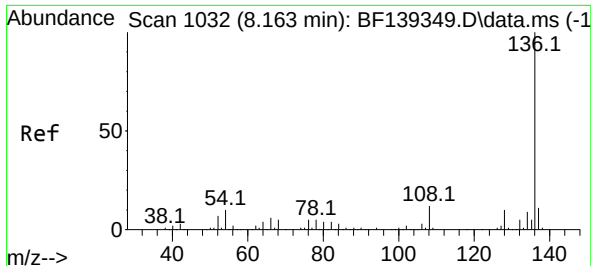


#19
n-Nitroso-di-n-propylamine
Concen: 2.197 ng
RT: 7.434 min Scan# 908
Delta R.T. 0.141 min
Lab File: BF139540.D
Acq: 25 Sep 2024 20:43



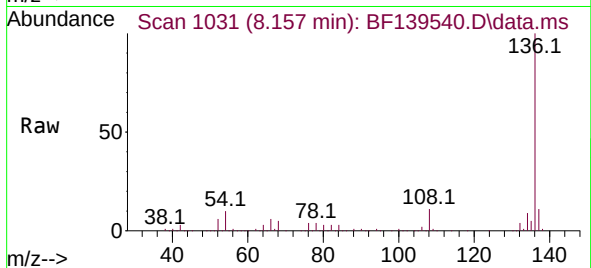
Tgt Ion: 70 Resp: 8808
Ion Ratio Lower Upper
70 100
42 59.2 61.2 91.8#
101 0.0 7.5 11.3#
130 2.4 15.8 23.8#



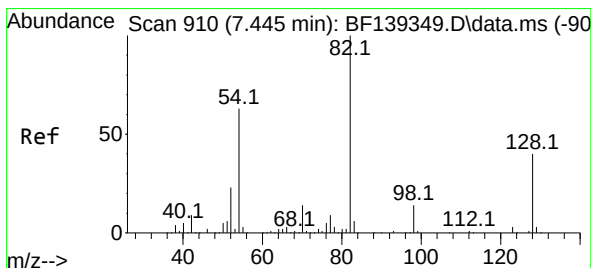
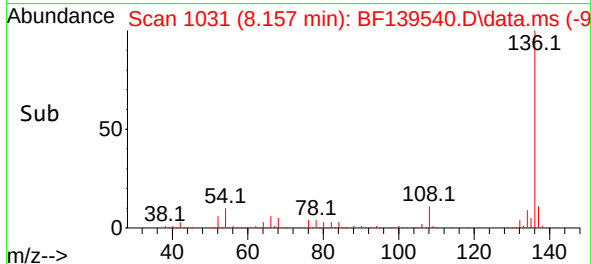
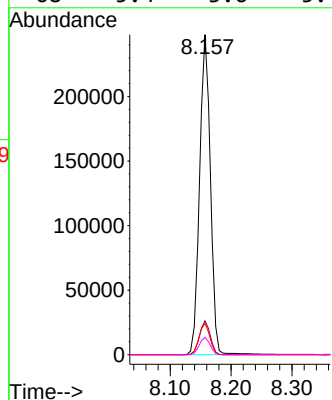


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF139540.D
Acq: 25 Sep 2024 20:43

Instrument :
BNA_F
ClientSampleId :
SU-03-09242024

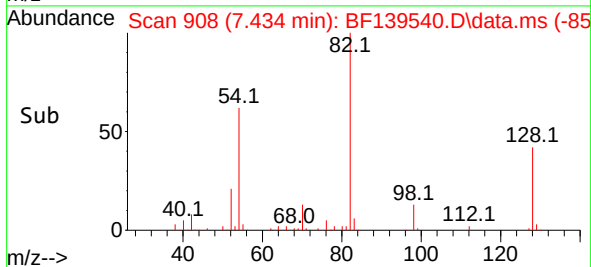
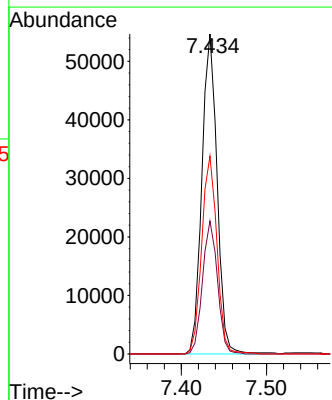
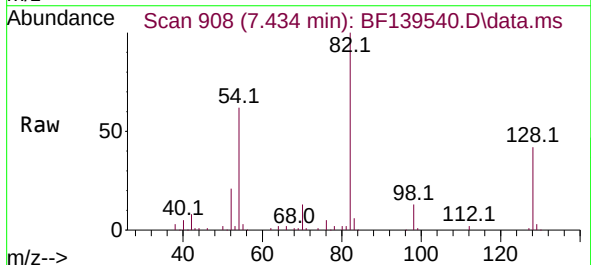


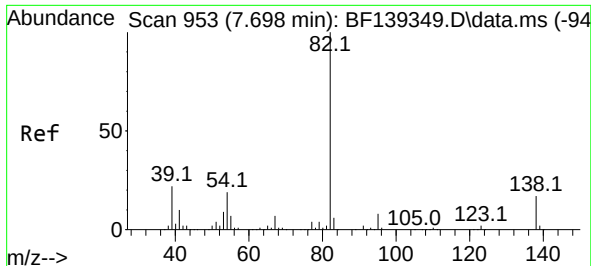
Tgt Ion:136 Resp: 306632
Ion Ratio Lower Upper
136 100
137 10.6 8.6 12.8
54 9.8 7.8 11.8
68 5.4 3.6 5.4#



#23
Nitrobenzene-d5
Concen: 10.407 ng
RT: 7.434 min Scan# 908
Delta R.T. -0.012 min
Lab File: BF139540.D
Acq: 25 Sep 2024 20:43

Tgt Ion: 82 Resp: 67878
Ion Ratio Lower Upper
82 100
128 41.6 31.8 47.6
54 61.8 50.6 75.8

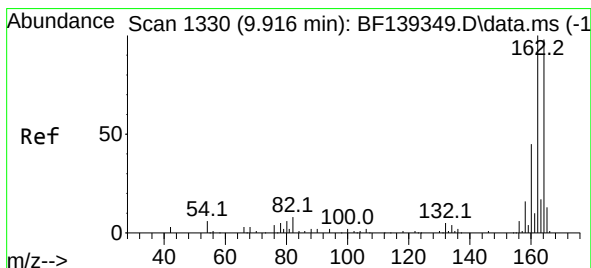
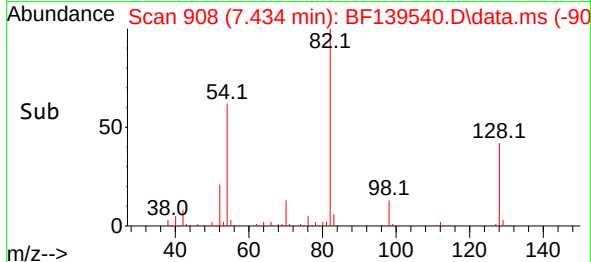
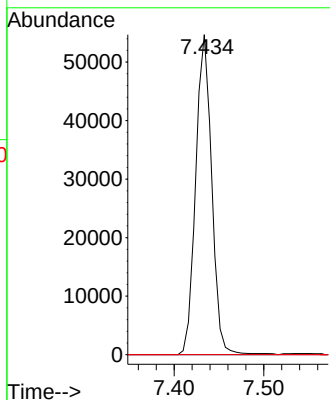
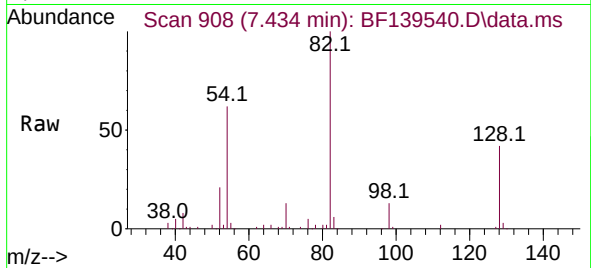




#25
Isophorone
Concen: 6.580 ng
RT: 7.434 min Scan# 90
Delta R.T. -0.265 min
Lab File: BF139540.D
Acq: 25 Sep 2024 20:43

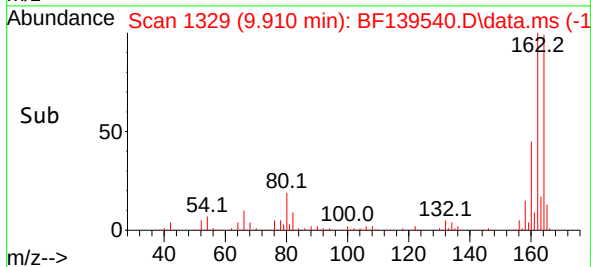
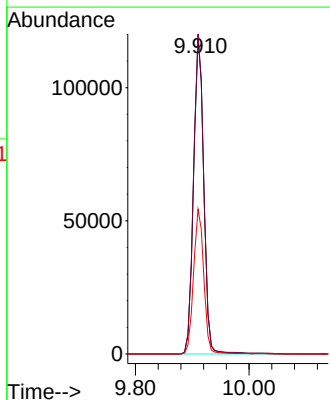
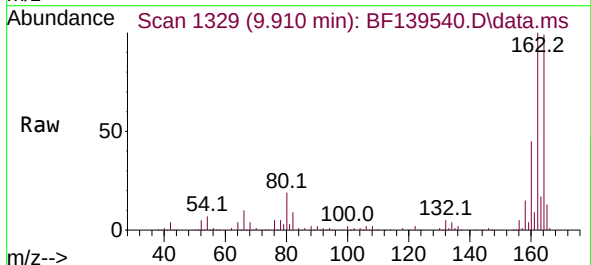
Instrument :
BNA_F
ClientSampleId :
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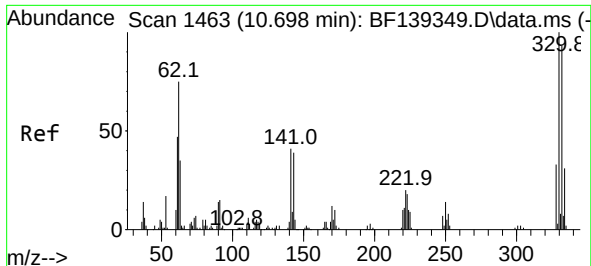
Tgt Ion: 82 Resp: 67878
Ion Ratio Lower Upper
82 100
95 0.0 6.7 10.1#
138 0.0 13.3 19.9#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.910 min Scan# 1329
Delta R.T. -0.006 min
Lab File: BF139540.D
Acq: 25 Sep 2024 20:43

Tgt Ion:164 Resp: 149508
Ion Ratio Lower Upper
164 100
162 101.2 81.3 121.9
160 45.8 36.4 54.6





#42

2,4,6-Tribromophenol

Concen: 11.557 ng

RT: 10.698 min Scan# 1463

Delta R.T. -0.000 min

Lab File: BF139540.D

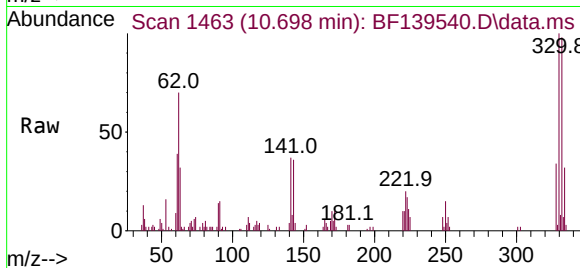
Acq: 25 Sep 2024 20:43

Instrument :

BNA_F

ClientSampleId :

SU-03-09242024



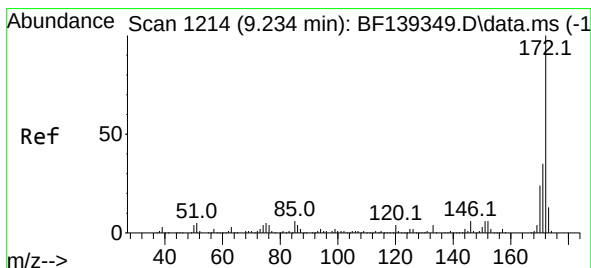
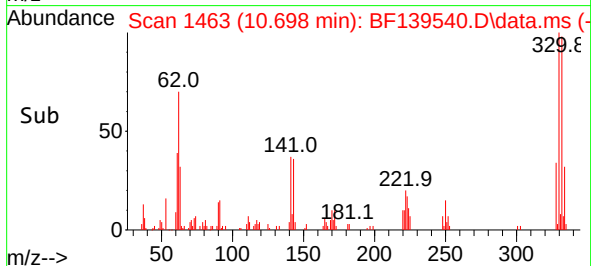
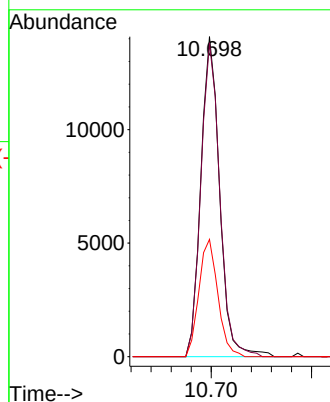
Tgt Ion:330 Resp: 18395

Ion Ratio Lower Upper

330 100

332 98.3 75.2 112.8

141 37.0 31.2 46.8



#45

2-Fluorobiphenyl

Concen: 11.923 ng

RT: 9.228 min Scan# 1213

Delta R.T. -0.006 min

Lab File: BF139540.D

Acq: 25 Sep 2024 20:43

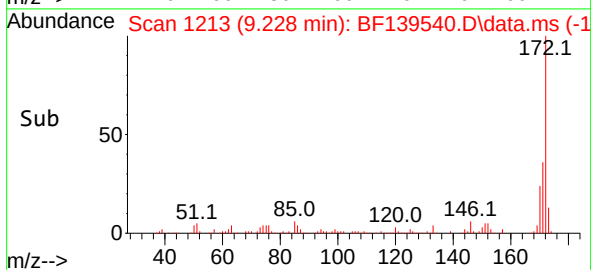
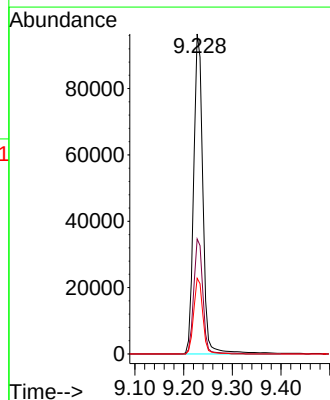
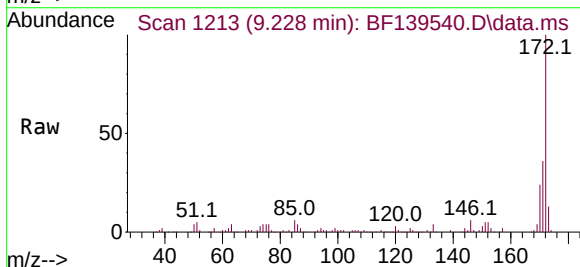
Tgt Ion:172 Resp: 127103

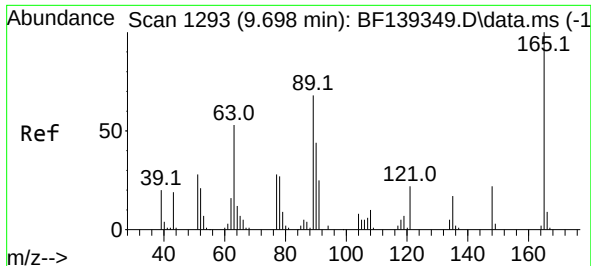
Ion Ratio Lower Upper

172 100

171 36.0 28.3 42.5

170 23.6 19.0 28.6

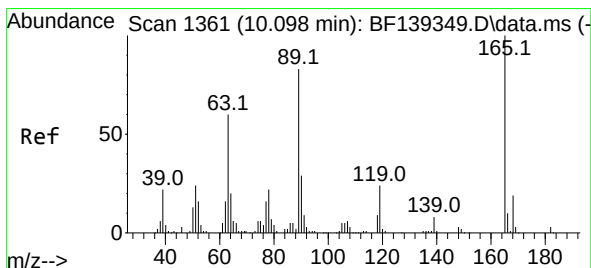
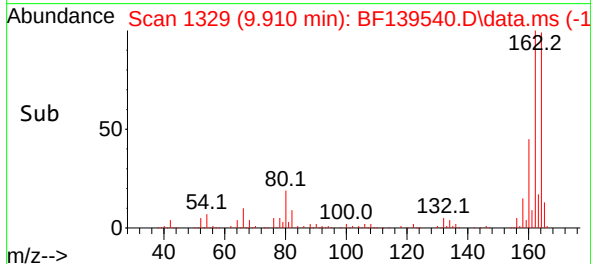
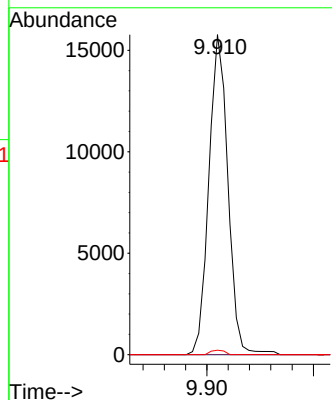
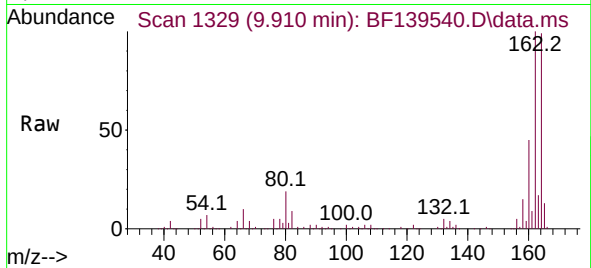




#51
2,6-Dinitrotoluene
Concen: 9.032 ng
RT: 9.910 min Scan# 11
Delta R.T. 0.212 min
Lab File: BF139540.D
Acq: 25 Sep 2024 20:43

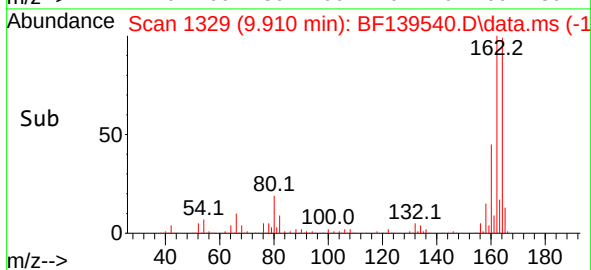
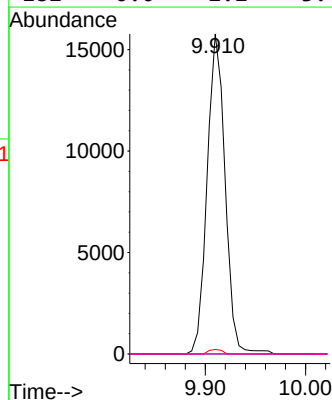
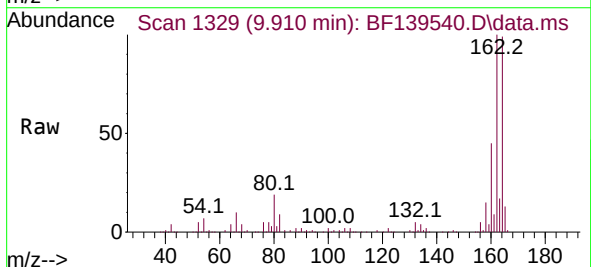
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SU-03-09242024

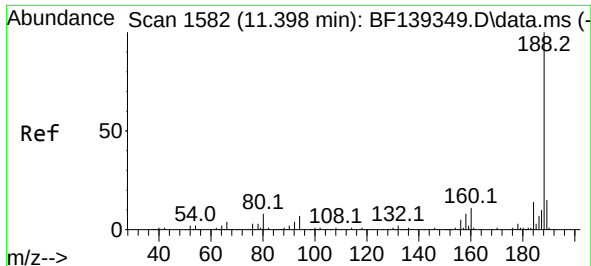
Tgt Ion:165 Resp: 19634
Ion Ratio Lower Upper
165 100
63 0.0 60.9 91.3#
89 1.4 54.7 82.1#



#57
2,4-Dinitrotoluene
Concen: 6.689 ng
RT: 9.910 min Scan# 1329
Delta R.T. -0.188 min
Lab File: BF139540.D
Acq: 25 Sep 2024 20:43

Tgt Ion:165 Resp: 19630
Ion Ratio Lower Upper
165 100
63 0.0 47.8 71.6#
89 1.4 66.7 100.1#
182 0.0 2.2 3.4#

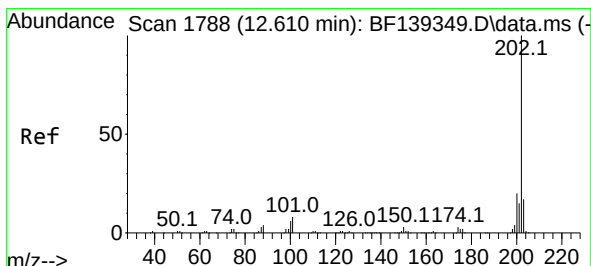
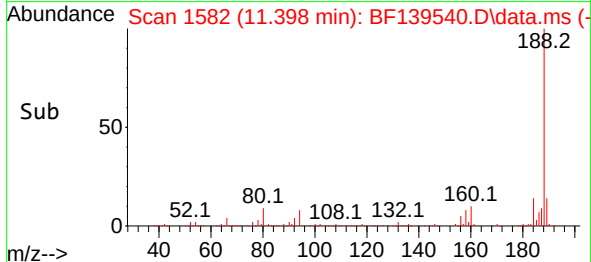
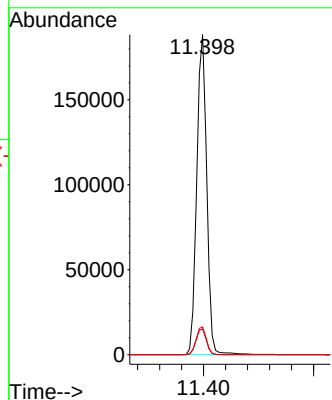
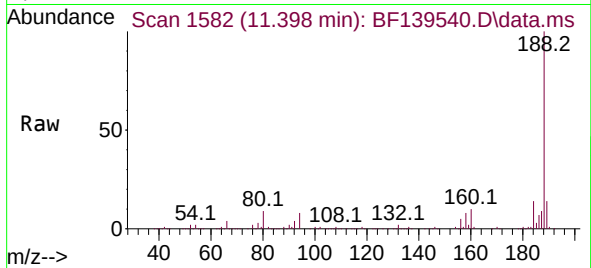




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF139540.D
Acq: 25 Sep 2024 20:43

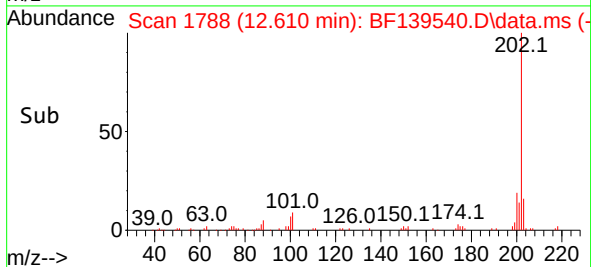
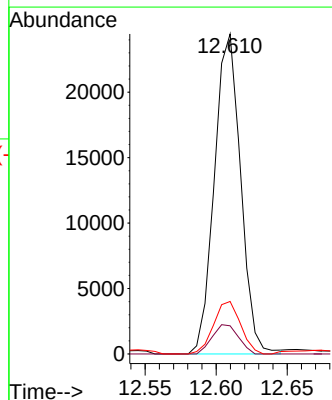
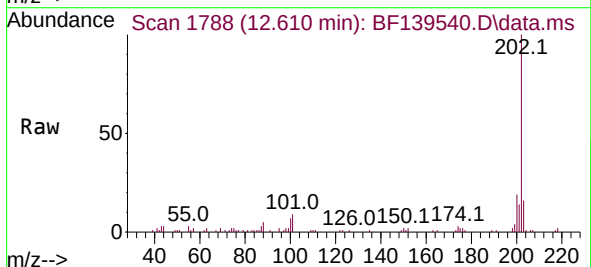
Instrument :
BNA_F
ClientSampleId :
SU-03-09242024

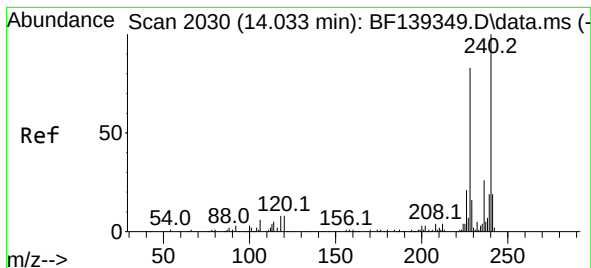
Tgt Ion:188 Resp: 237425
Ion Ratio Lower Upper
188 100
94 8.0 5.5 8.3
80 8.7 6.6 9.8



#75
Fluoranthene
Concen: 2.569 ng
RT: 12.610 min Scan# 1788
Delta R.T. -0.000 min
Lab File: BF139540.D
Acq: 25 Sep 2024 20:43

Tgt Ion:202 Resp: 31421
Ion Ratio Lower Upper
202 100
101 8.8 0.0 27.7
203 16.4 0.0 37.4





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.033 min Scan# 2030

Delta R.T. -0.000 min

Lab File: BF139540.D

Acq: 25 Sep 2024 20:43

Instrument :

BNA_F

ClientSampleId :

SU-03-09242024

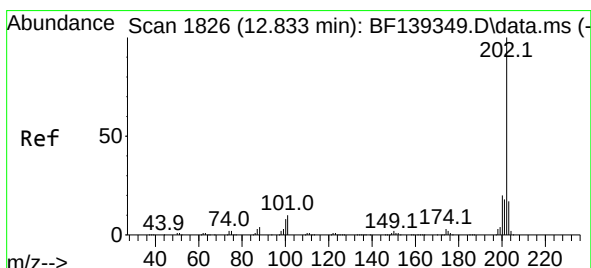
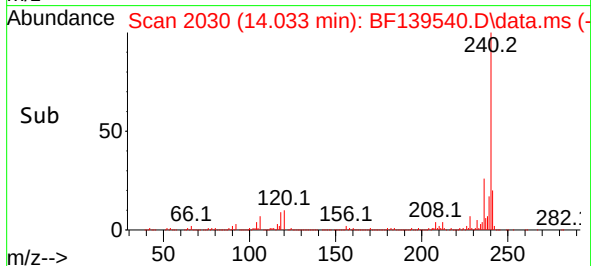
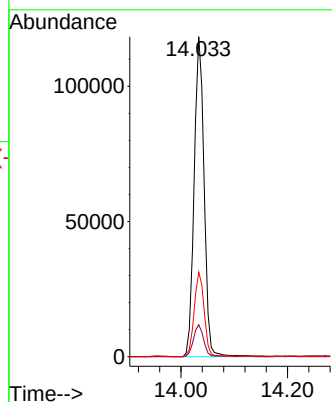
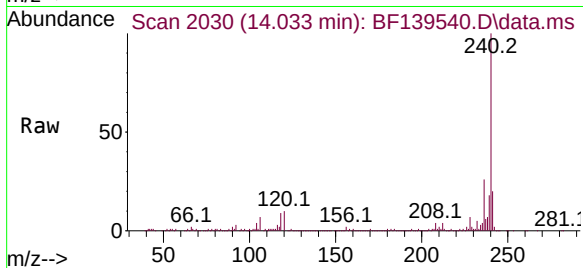
Tgt Ion:240 Resp: 154518

Ion Ratio Lower Upper

240 100

120 10.0 6.2 9.2#

236 26.5 20.9 31.3



#78

Pyrene

Concen: 2.478 ng

RT: 12.839 min Scan# 1827

Delta R.T. 0.006 min

Lab File: BF139540.D

Acq: 25 Sep 2024 20:43

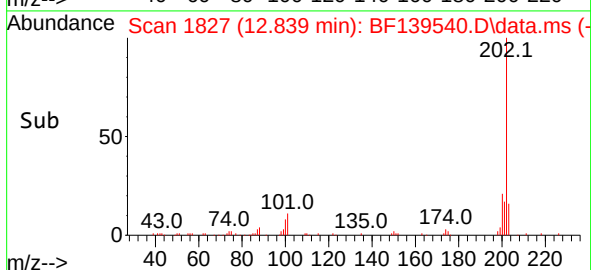
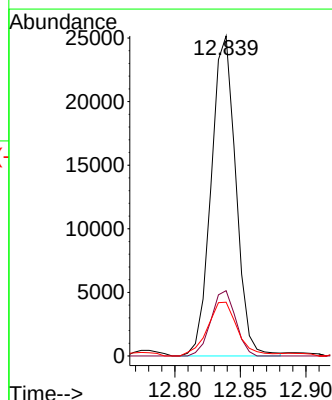
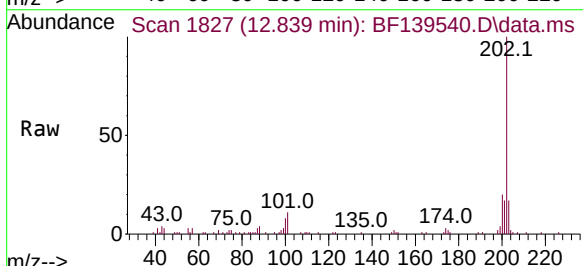
Tgt Ion:202 Resp: 32878

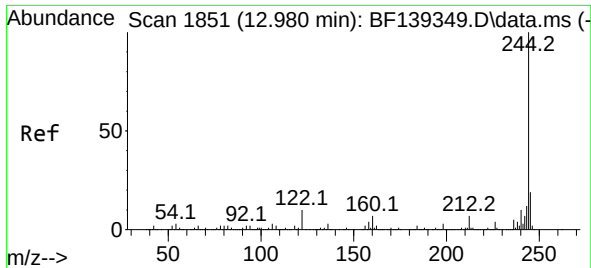
Ion Ratio Lower Upper

202 100

200 20.4 16.2 24.2

203 16.8 13.9 20.9

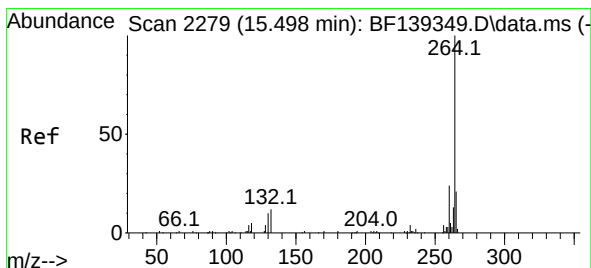
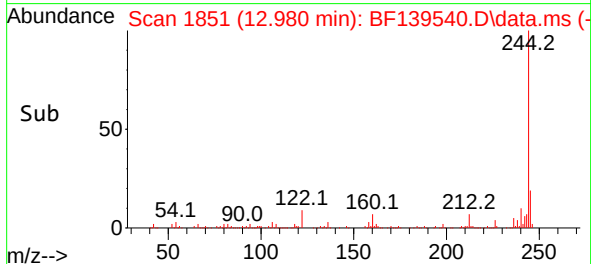
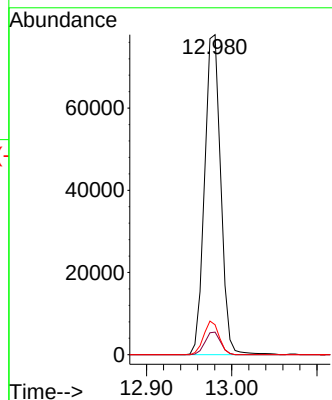
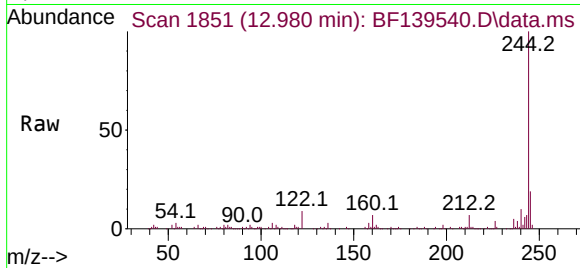




#79
 Terphenyl-d14
 Concen: 10.885 ng
 RT: 12.980 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF139540.D
 Acq: 25 Sep 2024 20:43

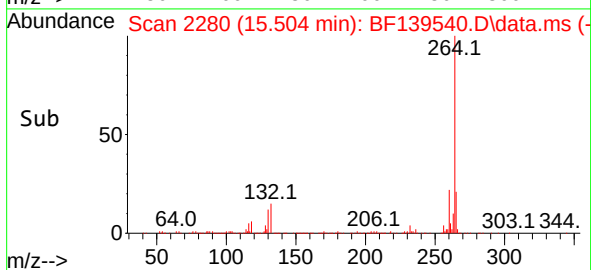
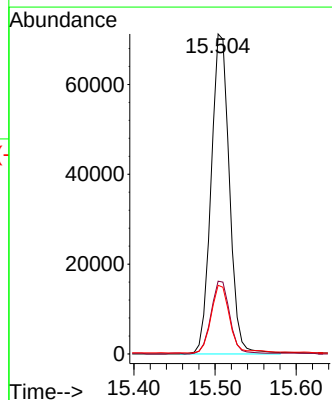
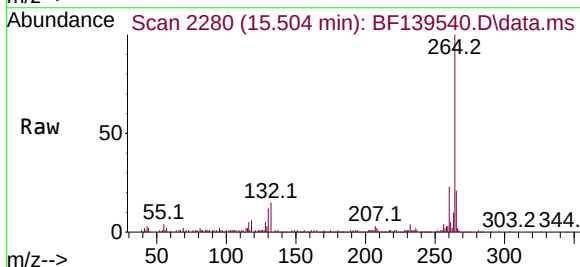
Instrument :
 BNA_F
 ClientSampleId :
 SU-03-09242024

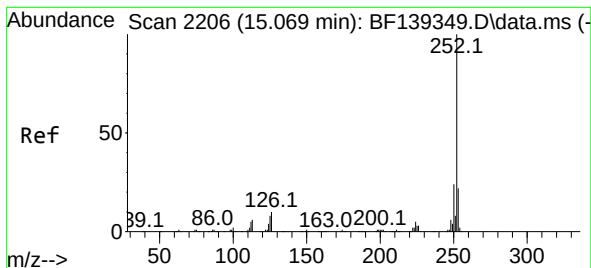
Tgt Ion:	244	Resp:	102467
Ion Ratio	Lower	Upper	
244	100		
212	7.0	6.0	9.0
122	9.4	7.6	11.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.504 min Scan# 2280
 Delta R.T. 0.006 min
 Lab File: BF139540.D
 Acq: 25 Sep 2024 20:43

Tgt Ion:	264	Resp:	111479
Ion Ratio	Lower	Upper	
264	100		
260	22.8	19.5	29.3
265	21.5	16.6	25.0





#88

Benzo(b)fluoranthene

Concen: 3.053 ng

RT: 15.074 min Scan# 2207

Delta R.T. 0.006 min

Lab File: BF139540.D

Acq: 25 Sep 2024 20:43

Instrument :

BNA_F

ClientSampleId :

SU-03-09242024

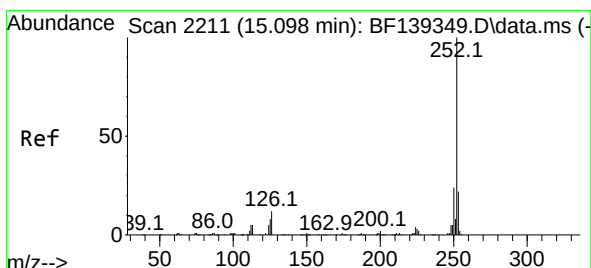
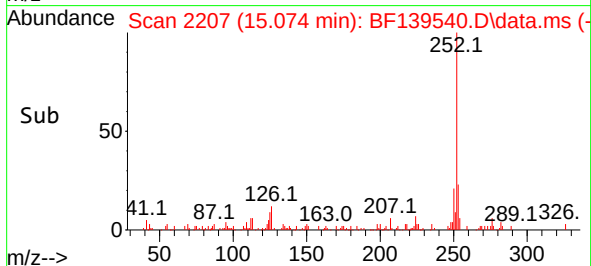
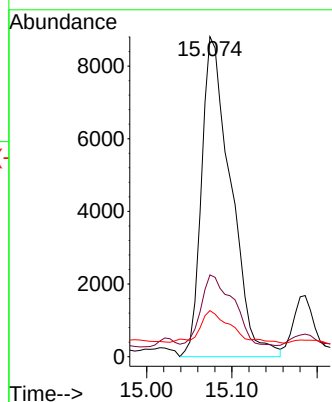
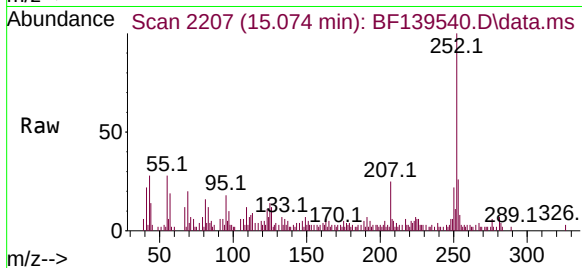
Tgt Ion:252 Resp: 20987

Ion Ratio Lower Upper

252 100

253 25.6 17.6 26.4

125 14.4 6.2 9.2#



#89

Benzo(k)fluoranthene

Concen: 3.311 ng

RT: 15.074 min Scan# 2207

Delta R.T. -0.024 min

Lab File: BF139540.D

Acq: 25 Sep 2024 20:43

Tgt Ion:252 Resp: 20987

Ion Ratio Lower Upper

252 100

253 25.6 17.3 25.9

125 14.4 5.9 8.9#

