

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091824\
 Data File : BF139432.D
 Acq On : 18 Sep 2024 18:21
 Operator : RC/JU
 Sample : P4085-04
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMP-2

Quant Time: Sep 19 01:28:14 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)

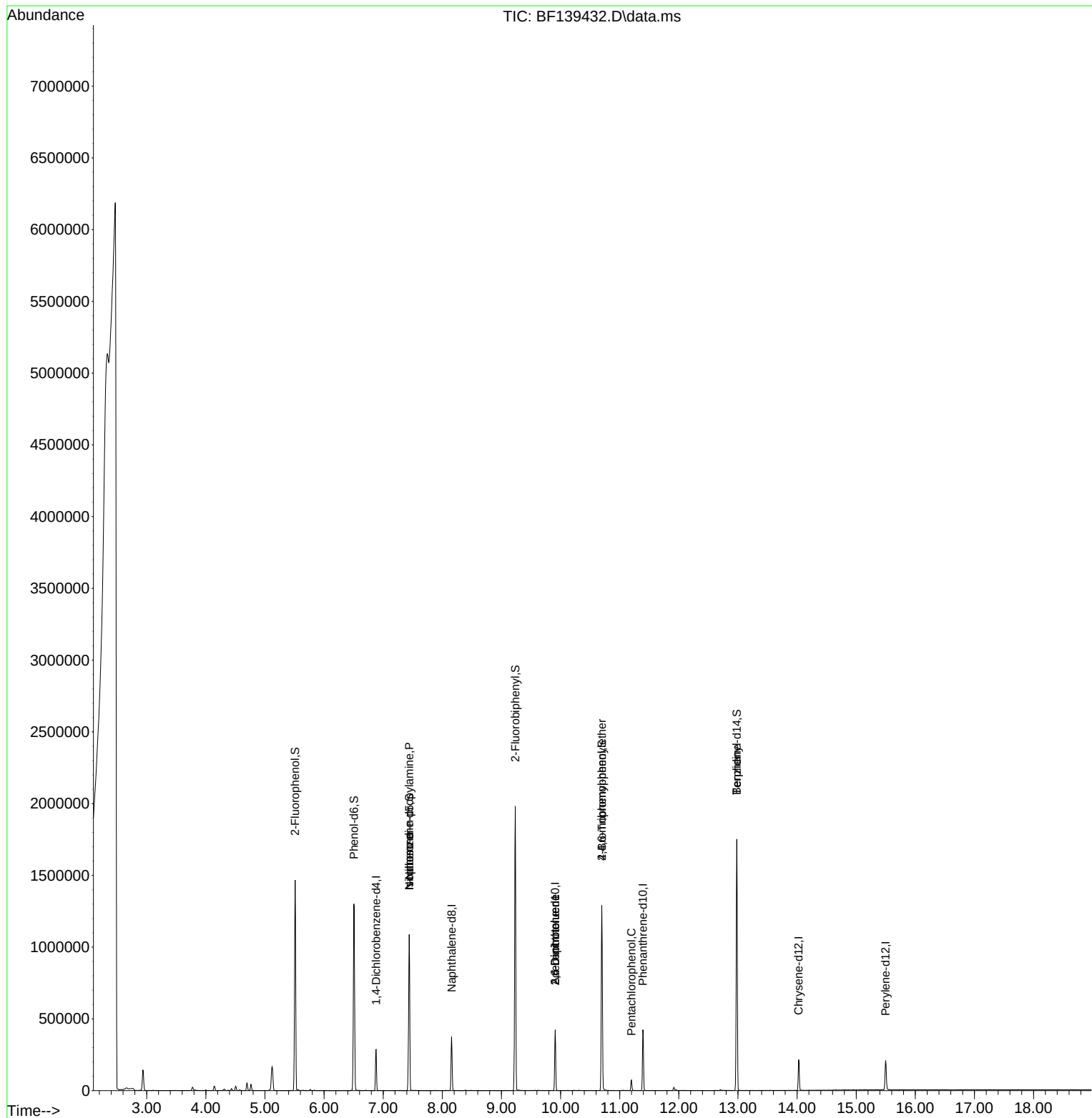
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	57956	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	214558	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	119612	20.000	ng	0.00
64) Phenanthrene-d10	11.392	188	223917	20.000	ng	0.00
76) Chrysene-d12	14.027	240	102605	20.000	ng	0.00
86) Perylene-d12	15.498	264	124328	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	481389	135.501	ng	0.02
7) Phenol-d6	6.504	99	577925	123.936	ng	0.00
23) Nitrobenzene-d5	7.439	82	465019	101.890	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	193363	151.846	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	841244	98.641	ng	0.00
79) Terphenyl-d14	12.980	244	832978	133.253	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.439	70	64854	23.470	ng	# 77
25) Isophorone	7.439	82	465015	64.425	ng	# 66
51) 2,6-Dinitrotoluene	9.910	165	15630	8.987	ng	# 14
57) 2,4-Dinitrotoluene	9.910	165	15630	6.657	ng	# 16
67) 4-Bromophenyl-phenylether	10.698	248	13169	5.935	ng	# 1
70) Pentachlorophenol	11.198	266	12575	8.047	ng	97
77) Benzidine	12.980	184	11991	8.157	ng	# 92

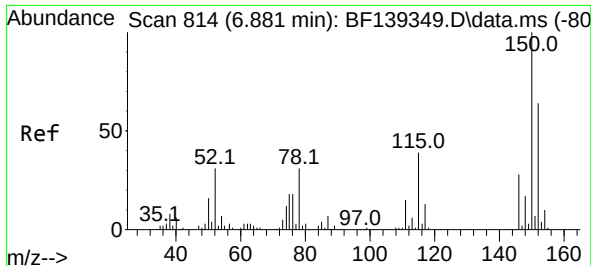
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091824\
Data File : BF139432.D
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Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COMP-2

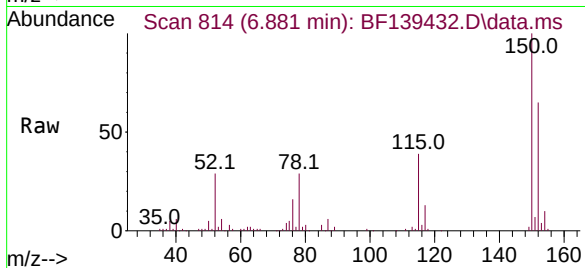
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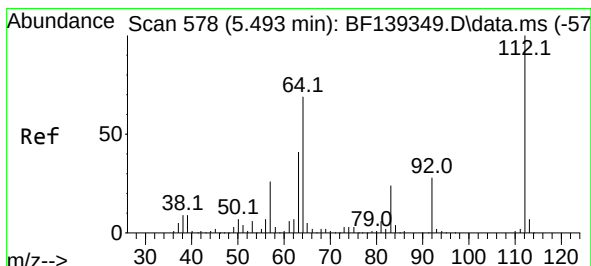
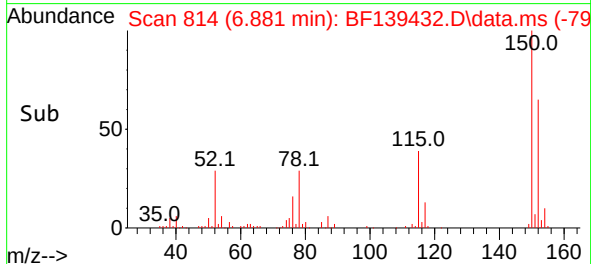
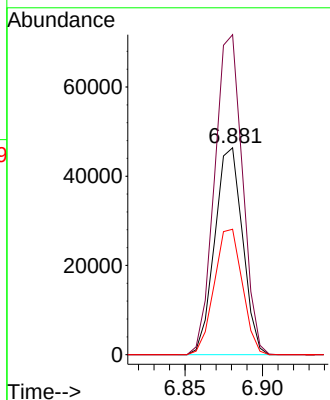


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 814
Delta R.T. -0.000 min
Lab File: BF139432.D
Acq: 18 Sep 2024 18:21

Instrument :
BNA_F
ClientSampleId :
COMP-2

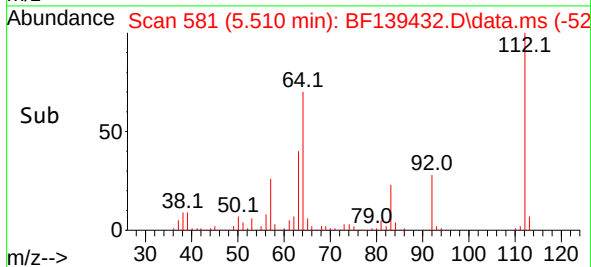
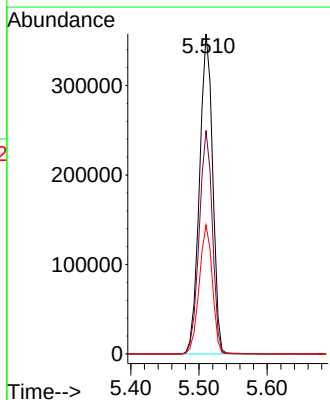
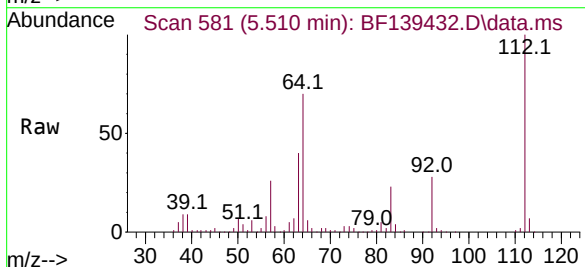


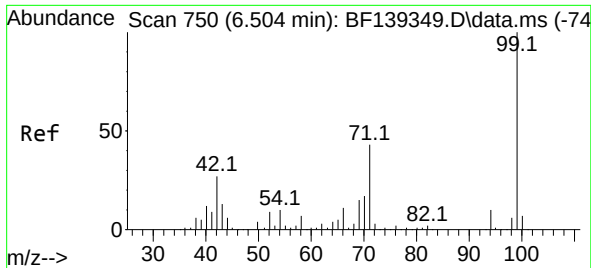
Tgt Ion:152 Resp: 57956
Ion Ratio Lower Upper
152 100
150 154.7 124.1 186.1
115 60.6 48.1 72.1



#5
2-Fluorophenol
Concen: 135.501 ng
RT: 5.510 min Scan# 581
Delta R.T. 0.017 min
Lab File: BF139432.D
Acq: 18 Sep 2024 18:21

Tgt Ion:112 Resp: 481389
Ion Ratio Lower Upper
112 100
64 69.9 54.8 82.2
63 40.2 33.0 49.4

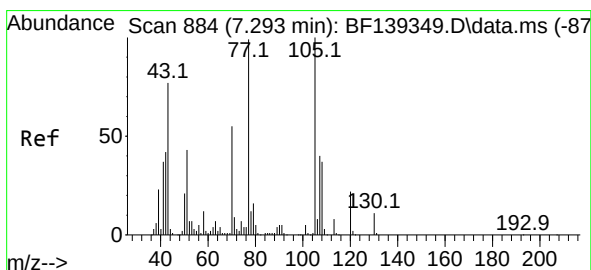
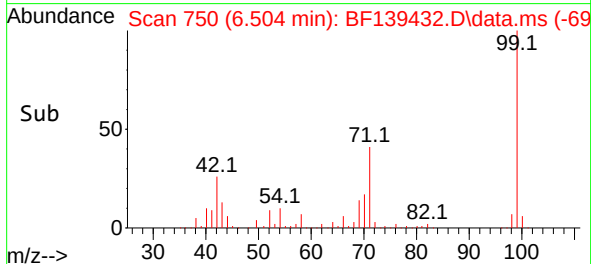
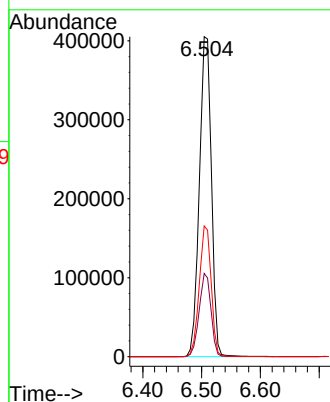
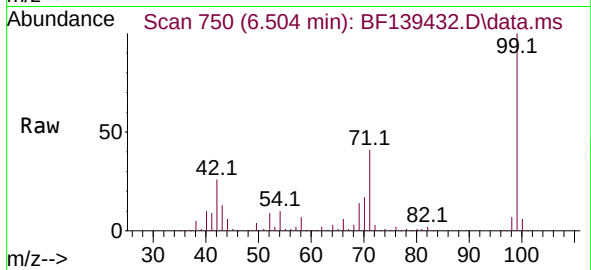




#7
Phenol-d6
Concen: 123.936 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF139432.D
Acq: 18 Sep 2024 18:21

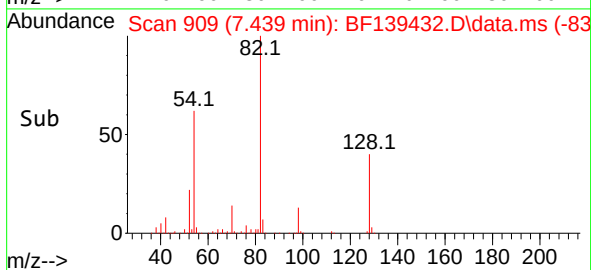
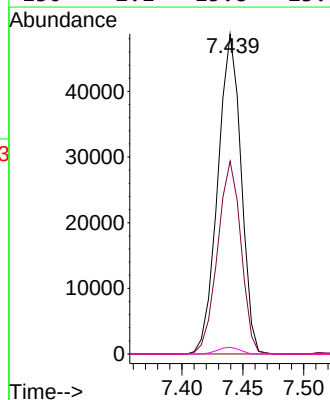
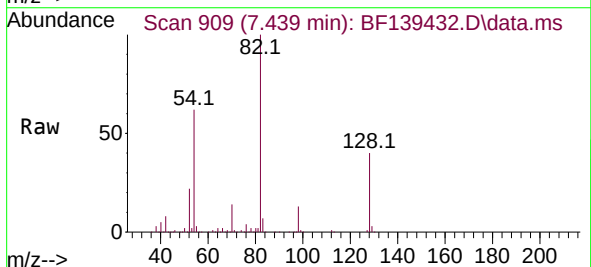
Instrument :
BNA_F
ClientSampleId :
COMP-2

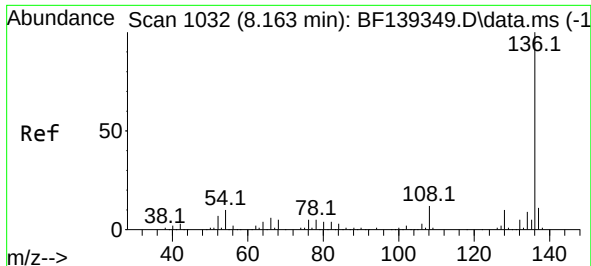
Tgt Ion: 99 Resp: 577925
Ion Ratio Lower Upper
99 100
42 26.0 21.9 32.9
71 40.9 34.6 52.0



#19
n-Nitroso-di-n-propylamine
Concen: 23.470 ng
RT: 7.439 min Scan# 909
Delta R.T. 0.147 min
Lab File: BF139432.D
Acq: 18 Sep 2024 18:21

Tgt Ion: 70 Resp: 64854
Ion Ratio Lower Upper
70 100
42 60.3 61.2 91.8#
101 0.0 7.5 11.3#
130 2.1 15.8 23.8#

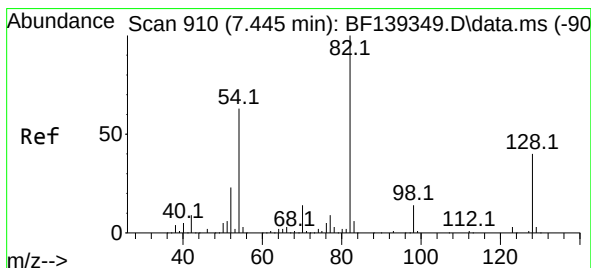
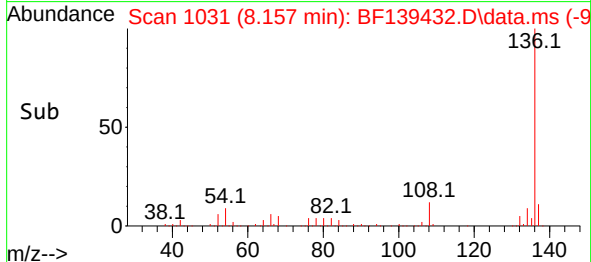
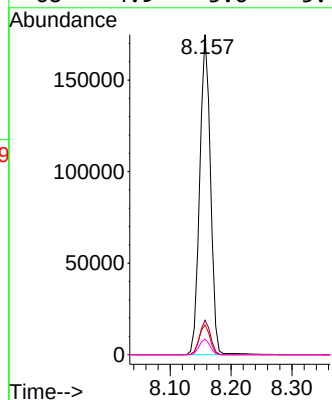
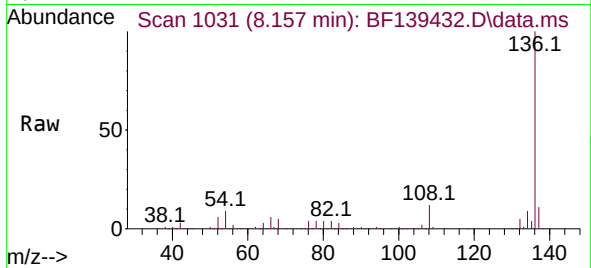




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF139432.D
Acq: 18 Sep 2024 18:21

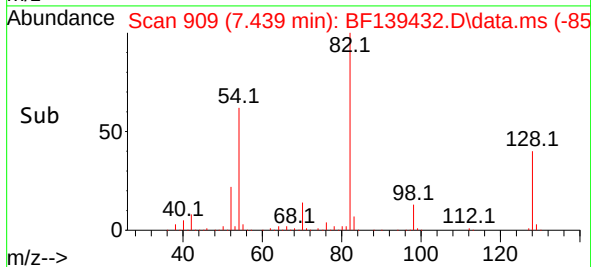
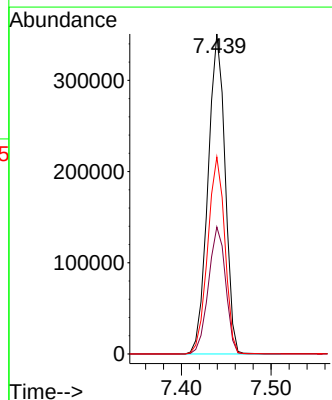
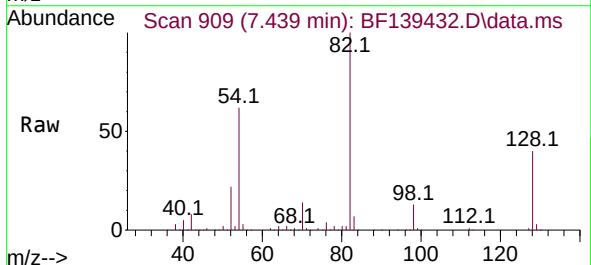
Instrument :
BNA_F
ClientSampleId :
COMP-2

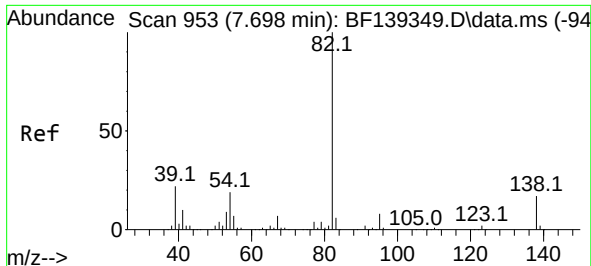
Tgt Ion:	136	Resp:	214558
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.6	12.8
54	9.4	7.8	11.8
68	4.9	3.6	5.4



#23
Nitrobenzene-d5
Concen: 101.890 ng
RT: 7.439 min Scan# 909
Delta R.T. -0.006 min
Lab File: BF139432.D
Acq: 18 Sep 2024 18:21

Tgt Ion:	82	Resp:	465019
Ion	Ratio	Lower	Upper
82	100		
128	39.7	31.8	47.6
54	61.6	50.6	75.8

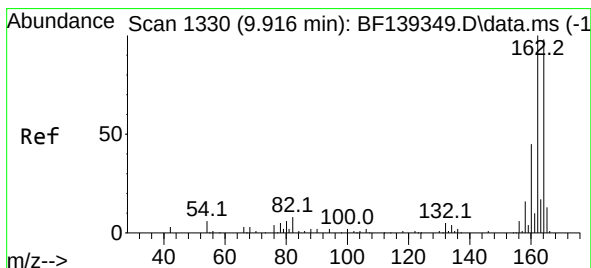
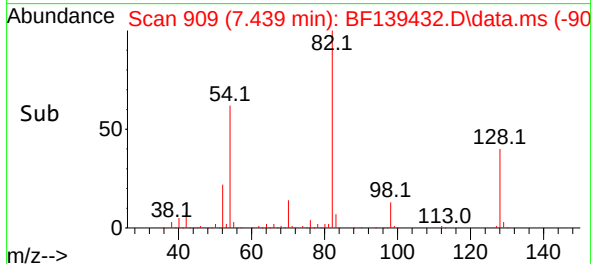
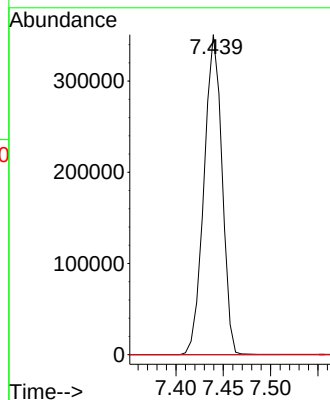
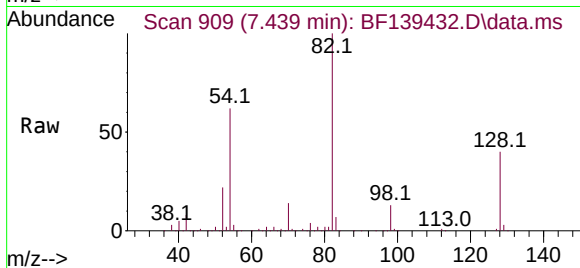




#25
Isophorone
Concen: 64.425 ng
RT: 7.439 min Scan# 90
Delta R.T. -0.259 min
Lab File: BF139432.D
Acq: 18 Sep 2024 18:21

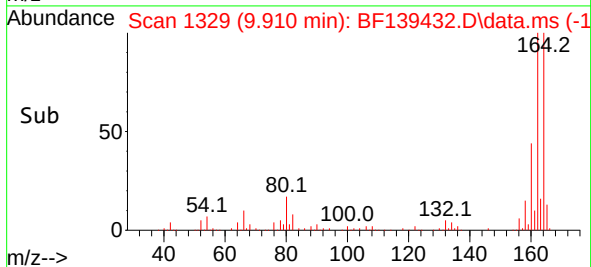
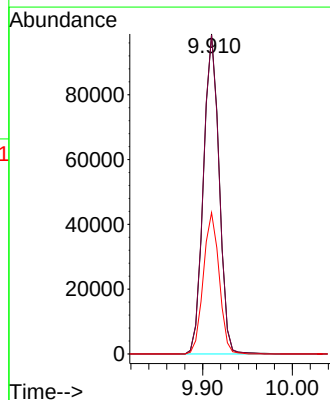
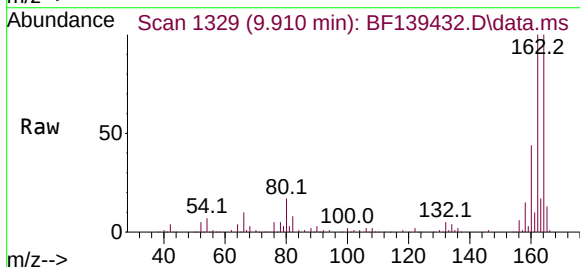
Instrument :
BNA_F
ClientSampleId :
COMP-2

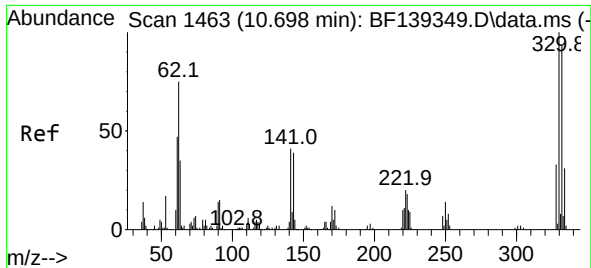
Tgt Ion: 82 Resp: 465015
Ion Ratio Lower Upper
82 100
95 0.0 6.7 10.1#
138 0.0 13.3 19.9#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.910 min Scan# 1329
Delta R.T. -0.006 min
Lab File: BF139432.D
Acq: 18 Sep 2024 18:21

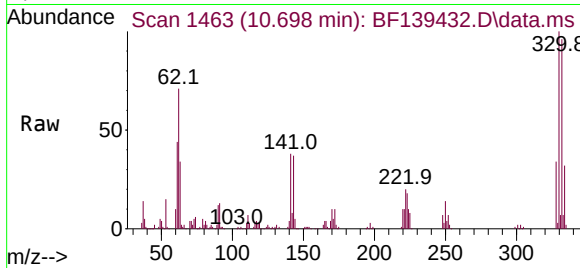
Tgt Ion:164 Resp: 119612
Ion Ratio Lower Upper
164 100
162 99.7 81.3 121.9
160 44.2 36.4 54.6



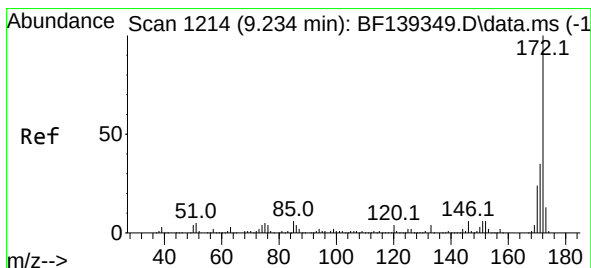
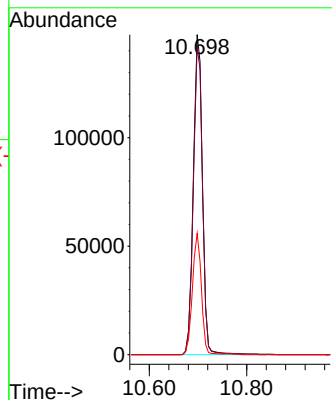
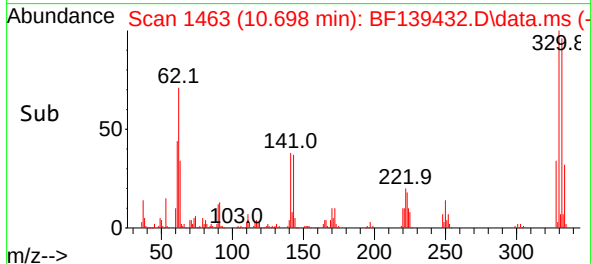


#42
2,4,6-Tribromophenol
Concen: 151.846 ng
RT: 10.698 min Scan# 1463
Delta R.T. -0.000 min
Lab File: BF139432.D
Acq: 18 Sep 2024 18:21

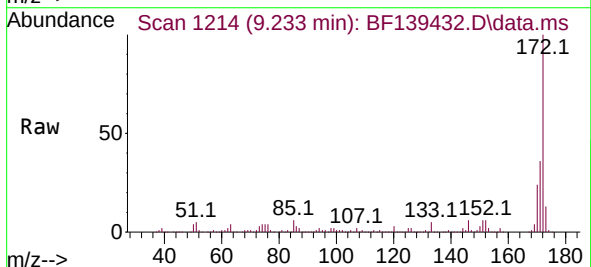
Instrument :
BNA_F
ClientSampleId :
COMP-2



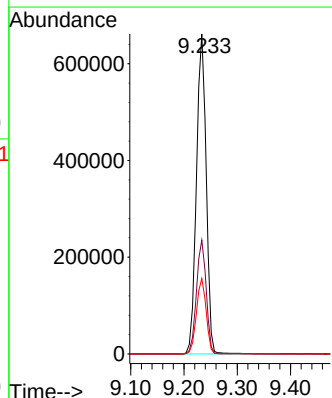
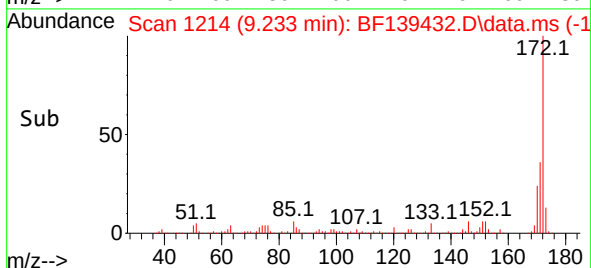
Tgt Ion: 330 Resp: 193363
Ion Ratio Lower Upper
330 100
332 96.3 75.2 112.8
141 36.9 31.2 46.8

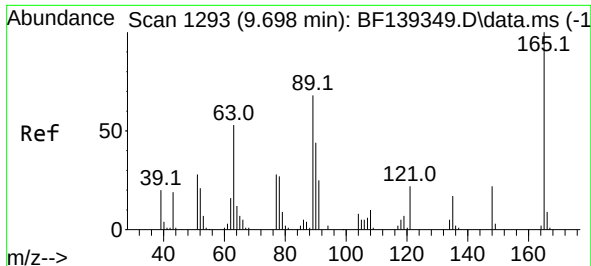


#45
2-Fluorobiphenyl
Concen: 98.641 ng
RT: 9.233 min Scan# 1214
Delta R.T. -0.000 min
Lab File: BF139432.D
Acq: 18 Sep 2024 18:21



Tgt Ion: 172 Resp: 841244
Ion Ratio Lower Upper
172 100
171 35.6 28.3 42.5
170 23.6 19.0 28.6





#51

2,6-Dinitrotoluene

Concen: 8.987 ng

RT: 9.910 min Scan# 11

Delta R.T. 0.212 min

Lab File: BF139432.D

Acq: 18 Sep 2024 18:21

Instrument :

BNA_F

ClientSampleId :

COMP-2

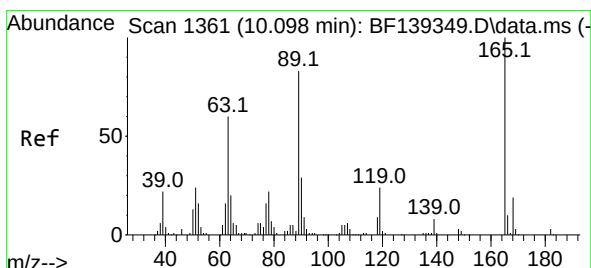
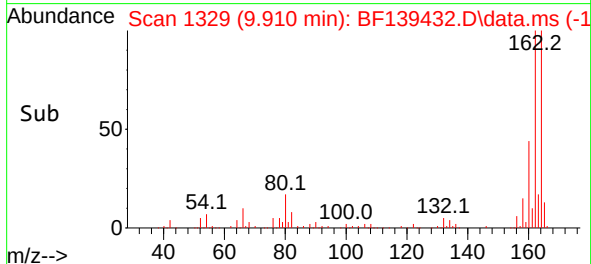
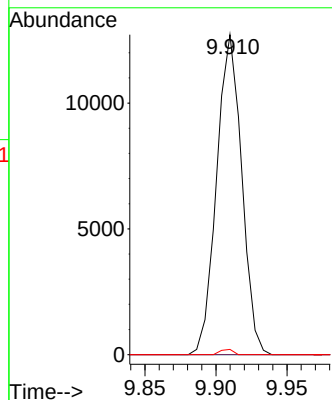
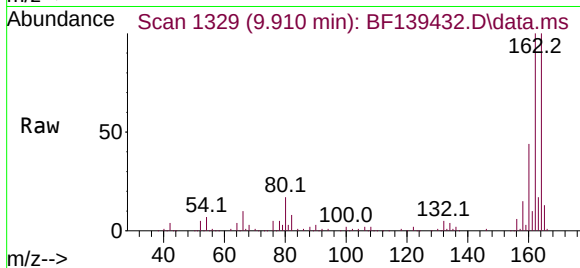
Tgt Ion:165 Resp: 15630

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: 6.657 ng

RT: 9.910 min Scan# 1329

Delta R.T. -0.188 min

Lab File: BF139432.D

Acq: 18 Sep 2024 18:21

Tgt Ion:165 Resp: 15630

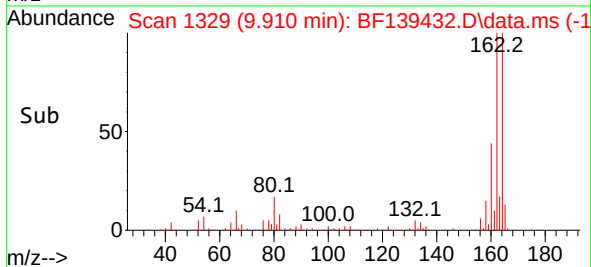
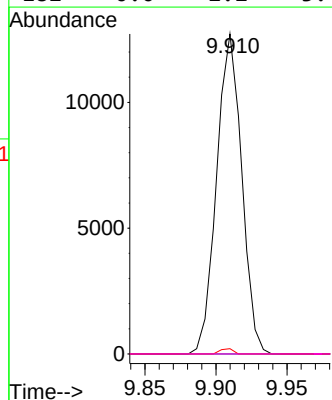
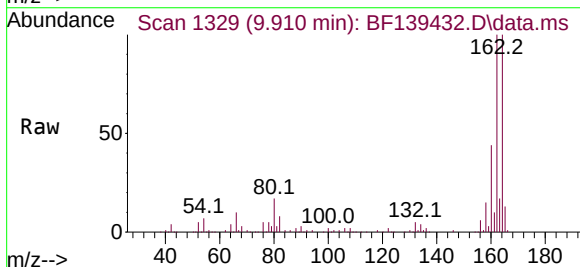
Ion Ratio Lower Upper

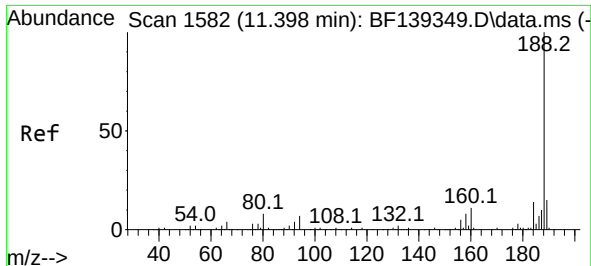
165 100

63 0.0 47.8 71.6#

89 1.6 66.7 100.1#

182 0.0 2.2 3.4#

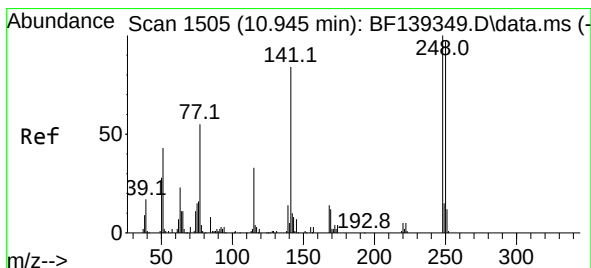
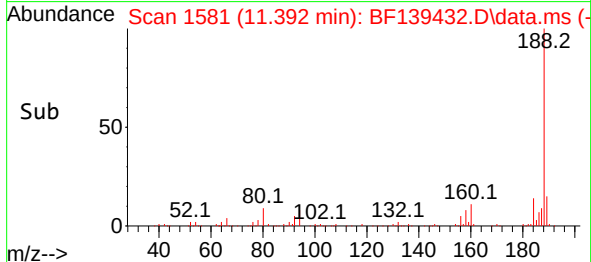
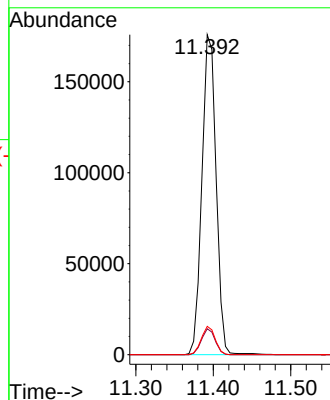
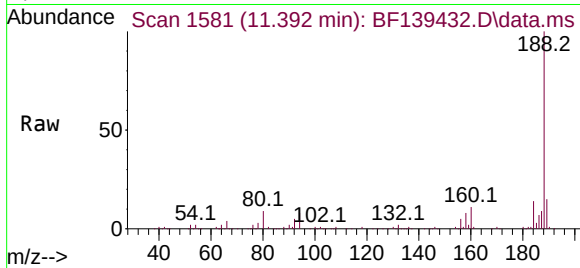




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.392 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF139432.D
Acq: 18 Sep 2024 18:21

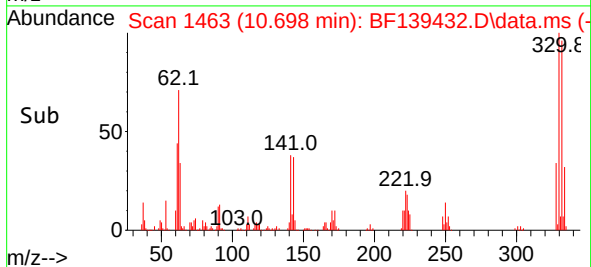
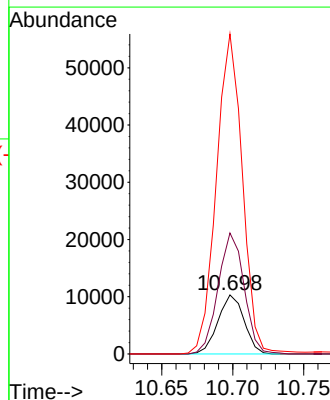
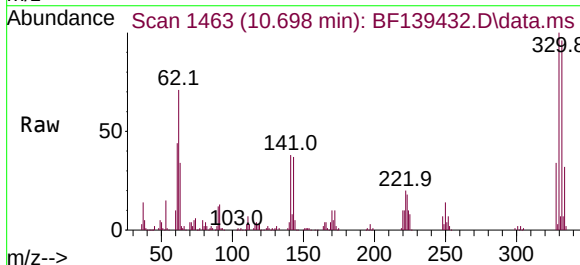
Instrument :
BNA_F
ClientSampleId :
COMP-2

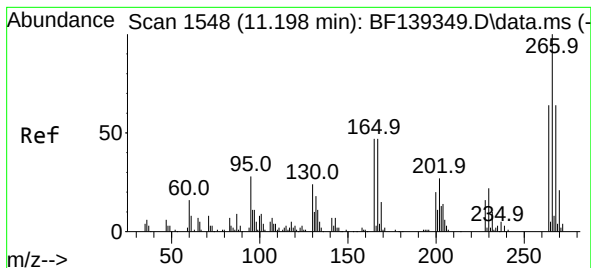
Tgt Ion:188 Resp: 223917
Ion Ratio Lower Upper
188 100
94 8.1 5.5 8.3
80 8.9 6.6 9.8



#67
4-Bromophenyl-phenylether
Concen: 5.935 ng
RT: 10.698 min Scan# 1463
Delta R.T. -0.247 min
Lab File: BF139432.D
Acq: 18 Sep 2024 18:21

Tgt Ion:248 Resp: 13169
Ion Ratio Lower Upper
248 100
250 204.8 77.6 116.4#
141 541.8 66.9 100.3#





#70

Pentachlorophenol

Concen: 8.047 ng

RT: 11.198 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF139432.D

Acq: 18 Sep 2024 18:21

Instrument :

BNA_F

ClientSampleId :

COMP-2

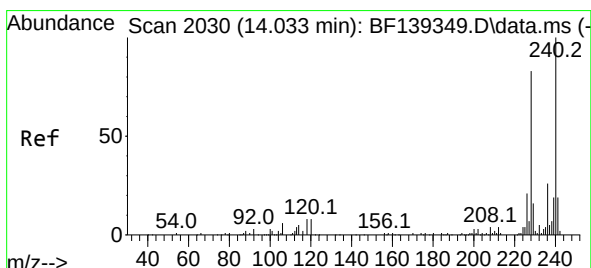
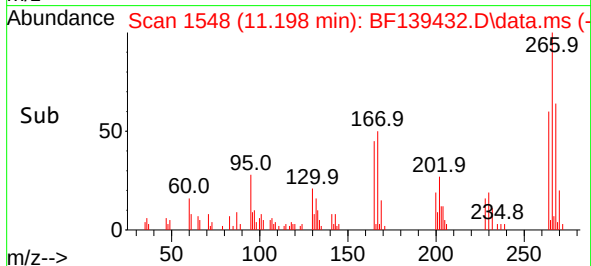
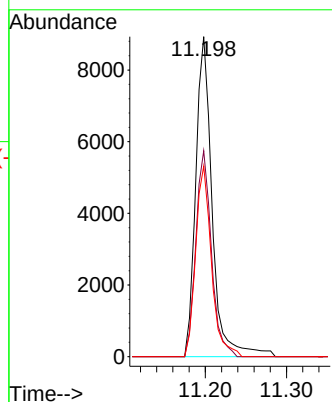
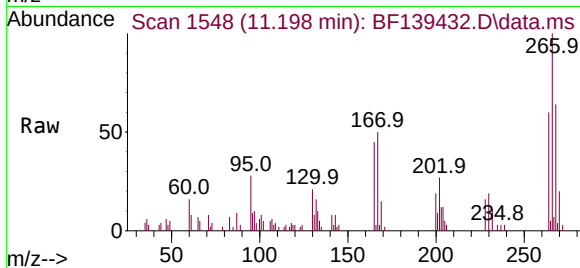
Tgt Ion:266 Resp: 12575

Ion Ratio Lower Upper

266 100

268 64.4 51.1 76.7

264 59.5 51.4 77.0



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.027 min Scan# 2029

Delta R.T. -0.006 min

Lab File: BF139432.D

Acq: 18 Sep 2024 18:21

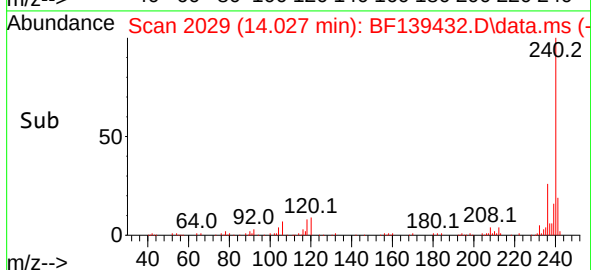
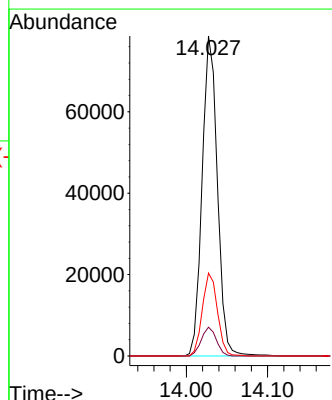
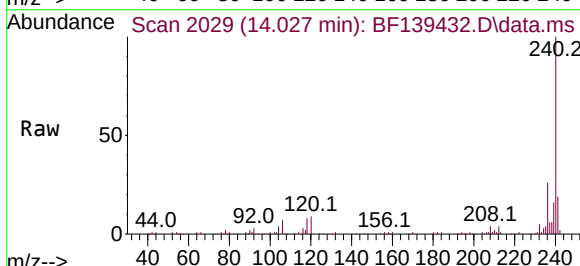
Tgt Ion:240 Resp: 102605

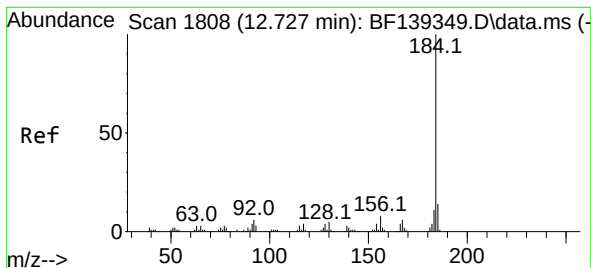
Ion Ratio Lower Upper

240 100

120 9.0 6.2 9.2

236 25.9 20.9 31.3





#77

Benzidine

Concen: 8.157 ng

RT: 12.980 min Scan# 1851

Delta R.T. 0.253 min

Lab File: BF139432.D

Acq: 18 Sep 2024 18:21

Instrument :

BNA_F

ClientSampleId :

COMP-2

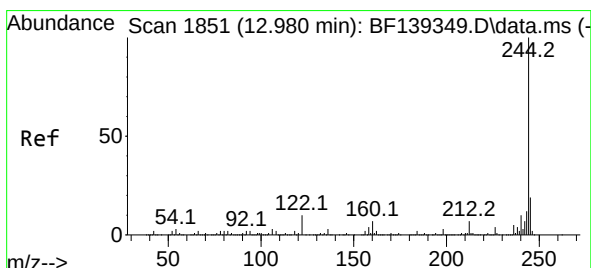
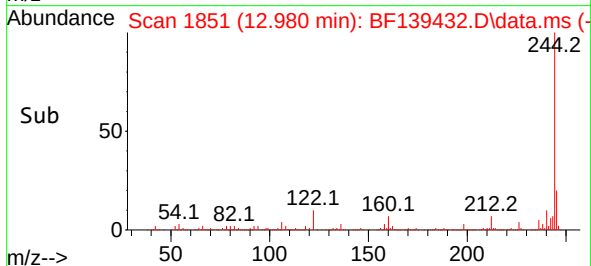
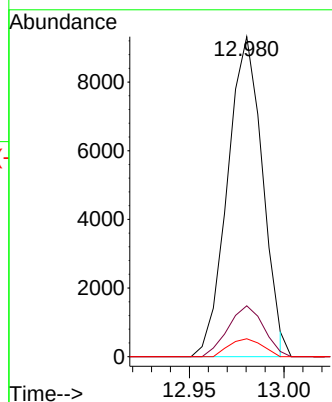
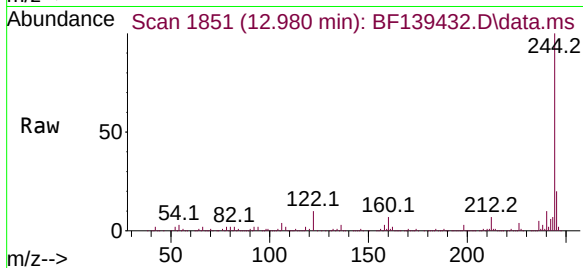
Tgt Ion:184 Resp: 11991

Ion Ratio Lower Upper

184 100

185 15.9 11.5 17.3

183 5.6 8.9 13.3#



#79

Terphenyl-d14

Concen: 133.253 ng

RT: 12.980 min Scan# 1851

Delta R.T. -0.000 min

Lab File: BF139432.D

Acq: 18 Sep 2024 18:21

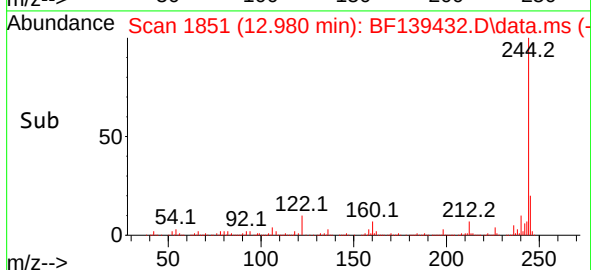
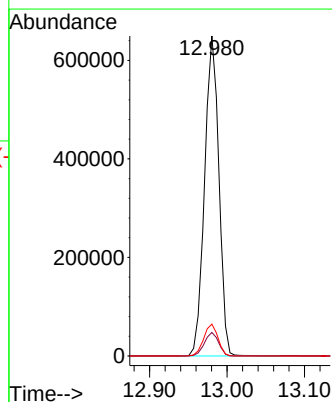
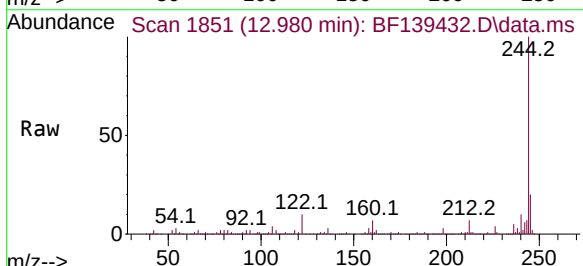
Tgt Ion:244 Resp: 832978

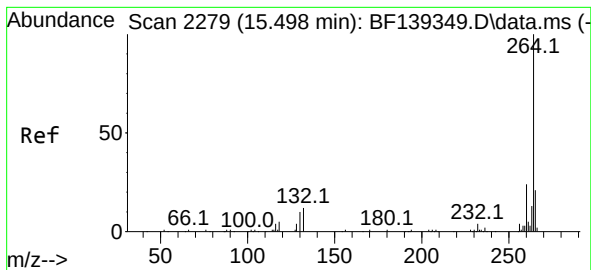
Ion Ratio Lower Upper

244 100

212 7.3 6.0 9.0

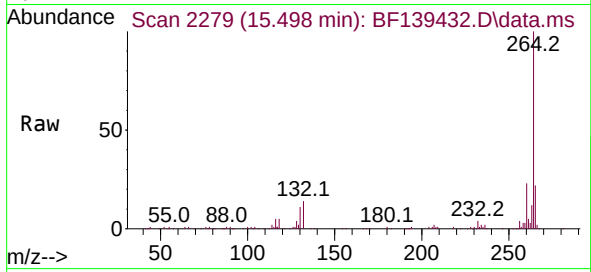
122 10.0 7.6 11.4





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.498 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BF139432.D
 Acq: 18 Sep 2024 18:21

Instrument :
 BNA_F
 ClientSampleId :
 COMP-2



Tgt Ion:	264	Resp:	124328
Ion	Ratio	Lower	Upper
264	100		
260	22.9	19.5	29.3
265	21.7	16.6	25.0

