

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092024\
 Data File : BF139505.D
 Acq On : 20 Sep 2024 16:53
 Operator : RC/JU
 Sample : P4103-02
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-22A

Quant Time: Sep 20 17:31:13 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)

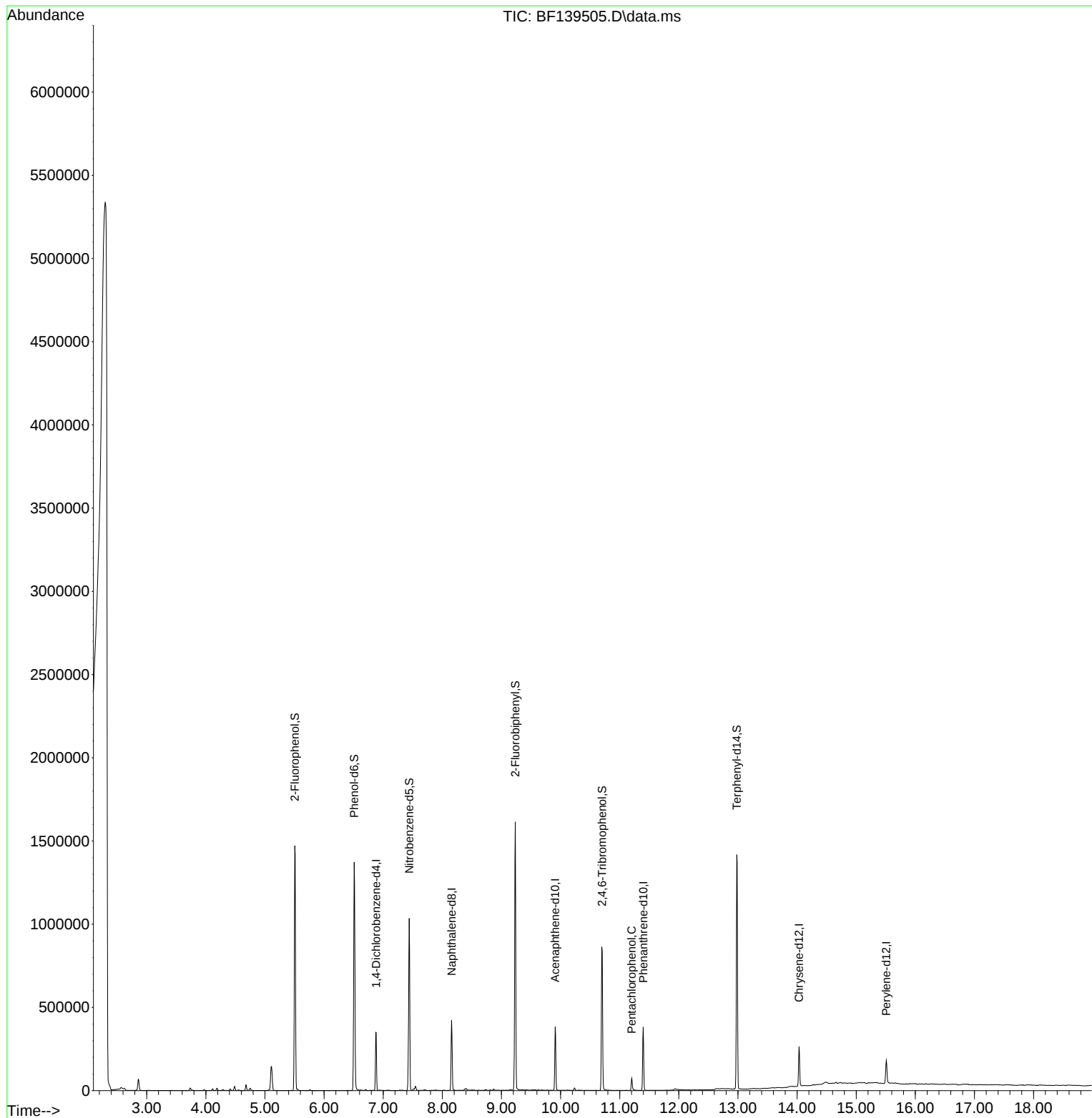
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	69979	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	241063	20.000	ng	# 0.00
39) Acenaphthene-d10	9.910	164	108708	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	194594	20.000	ng	# 0.00
76) Chrysene-d12	14.033	240	109467	20.000	ng	0.00
86) Perylene-d12	15.509	264	83692	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	493717	115.095	ng	0.01
7) Phenol-d6	6.510	99	600801	106.706	ng	0.00
23) Nitrobenzene-d5	7.439	82	432984	84.439	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	133884	115.684	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	680172	87.754	ng	0.00
79) Terphenyl-d14	12.980	244	685238	102.747	ng	0.00
Target Compounds						
70) Pentachlorophenol	11.204	266	12713	9.361	ng	Qvalue 98

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092024\
Data File : BF139505.D
Acq On : 20 Sep 2024 16:53
Operator : RC/JU
Sample : P4103-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-22A

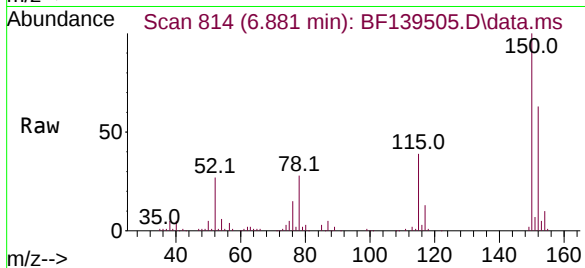
Quant Time: Sep 20 17:31:13 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Sep 14 02:58:23 2024
Response via : Initial Calibration



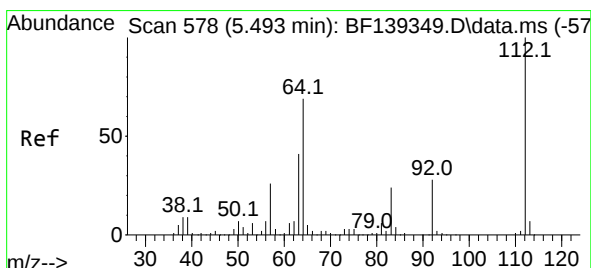
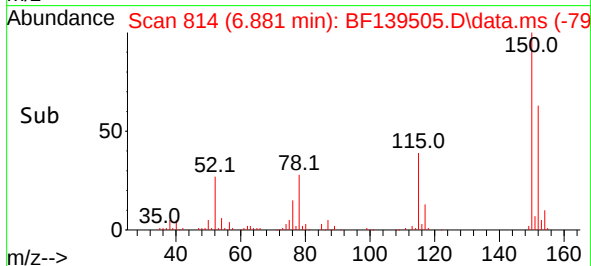
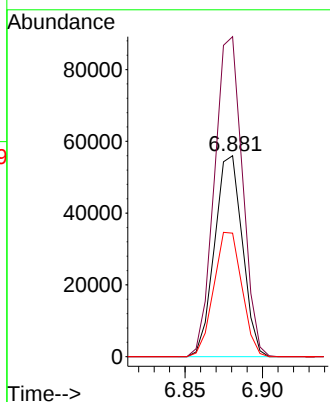


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 814
Delta R.T. -0.000 min
Lab File: BF139505.D
Acq: 20 Sep 2024 16:53

Instrument :
BNA_F
ClientSampleId :
WC-22A

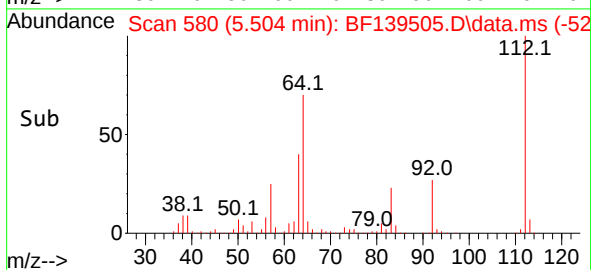
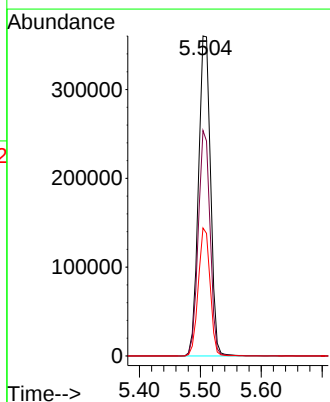
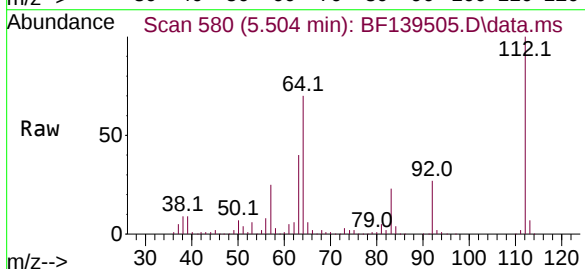


Tgt Ion:152 Resp: 69979
Ion Ratio Lower Upper
152 100
150 159.2 124.1 186.1
115 61.5 48.1 72.1



#5
2-Fluorophenol
Concen: 115.095 ng
RT: 5.504 min Scan# 580
Delta R.T. 0.011 min
Lab File: BF139505.D
Acq: 20 Sep 2024 16:53

Tgt Ion:112 Resp: 493717
Ion Ratio Lower Upper
112 100
64 70.5 54.8 82.2
63 40.0 33.0 49.4

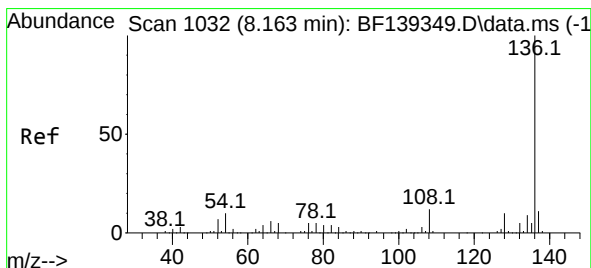
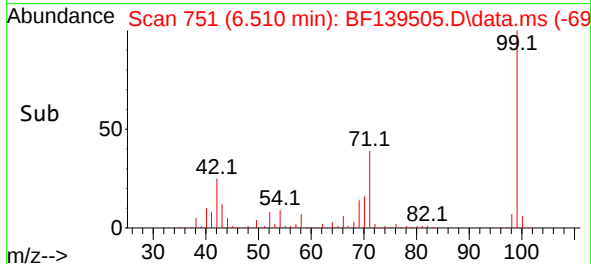
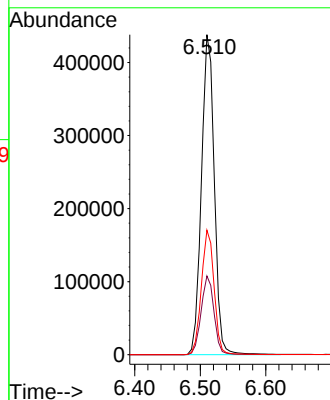
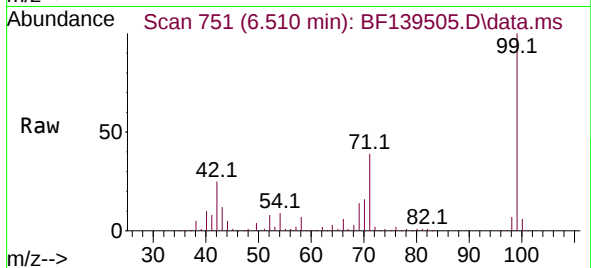




#7
Phenol-d6
Concen: 106.706 ng
RT: 6.510 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF139505.D
Acq: 20 Sep 2024 16:53

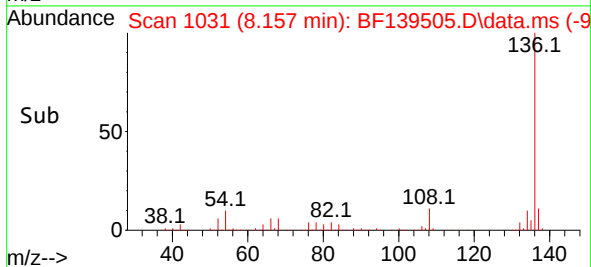
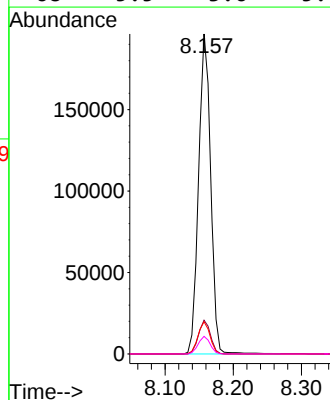
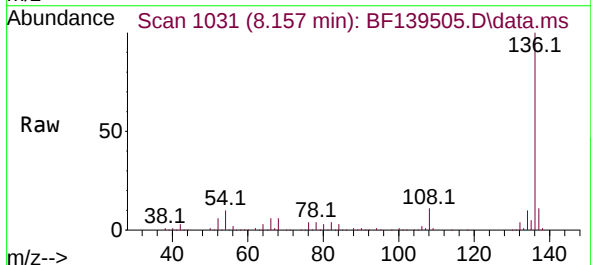
Instrument :
BNA_F
ClientSampleId :
WC-22A

Tgt Ion: 99 Resp: 600801
Ion Ratio Lower Upper
99 100
42 24.6 21.9 32.9
71 38.9 34.6 52.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF139505.D
Acq: 20 Sep 2024 16:53

Tgt Ion: 136 Resp: 241063
Ion Ratio Lower Upper
136 100
137 10.5 8.6 12.8
54 10.0 7.8 11.8
68 5.5 3.6 5.4#





#23

Nitrobenzene-d5

Concen: 84.439 ng

RT: 7.439 min Scan# 90

Delta R.T. -0.006 min

Lab File: BF139505.D

Acq: 20 Sep 2024 16:53

Instrument :

BNA_F

ClientSampleId :

WC-22A

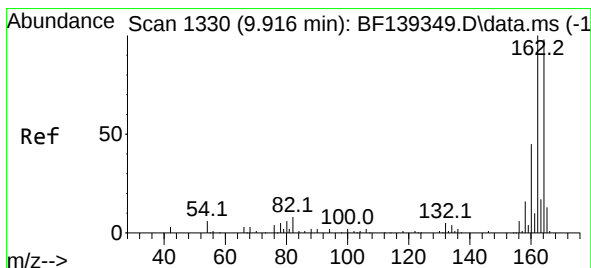
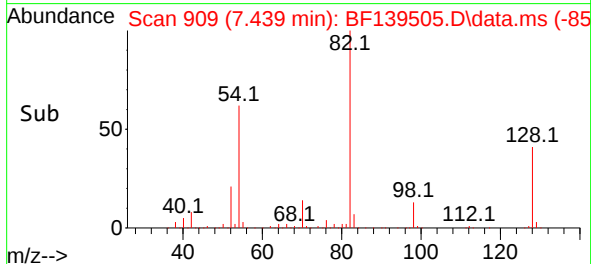
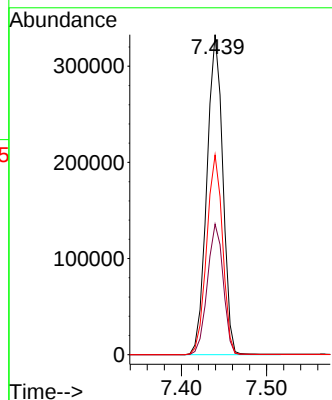
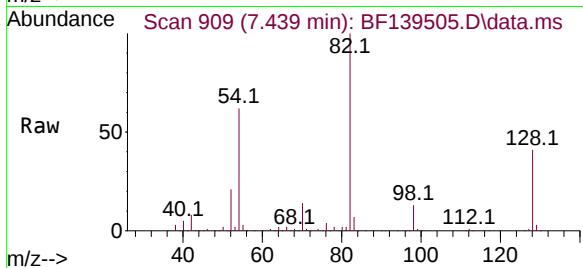
Tgt Ion: 82 Resp: 432984

Ion Ratio Lower Upper

82 100

128 40.8 31.8 47.6

54 62.4 50.6 75.8



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.910 min Scan# 1329

Delta R.T. -0.006 min

Lab File: BF139505.D

Acq: 20 Sep 2024 16:53

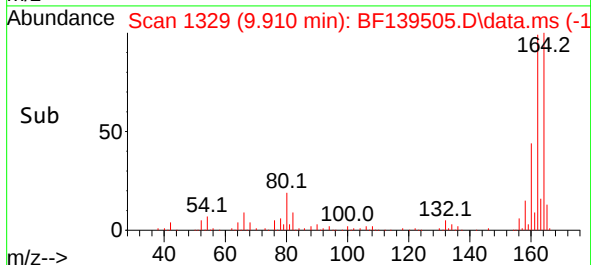
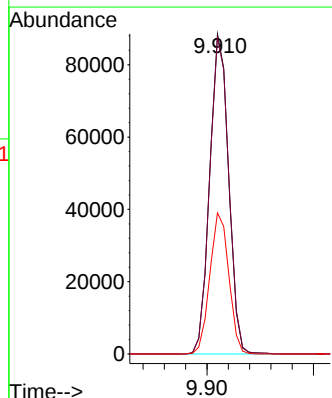
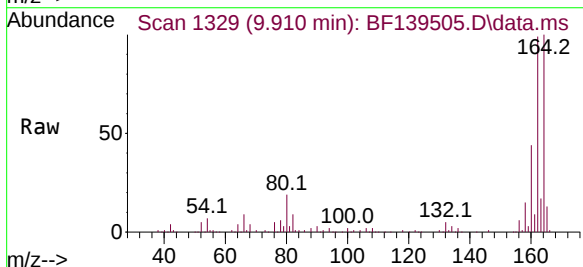
Tgt Ion:164 Resp: 108708

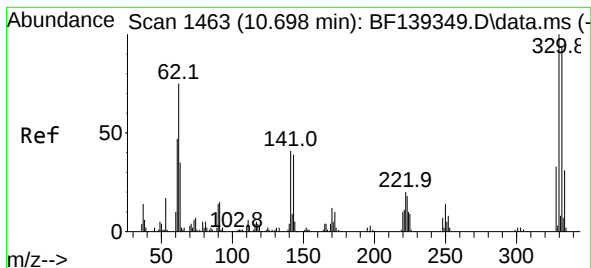
Ion Ratio Lower Upper

164 100

162 98.9 81.3 121.9

160 44.1 36.4 54.6

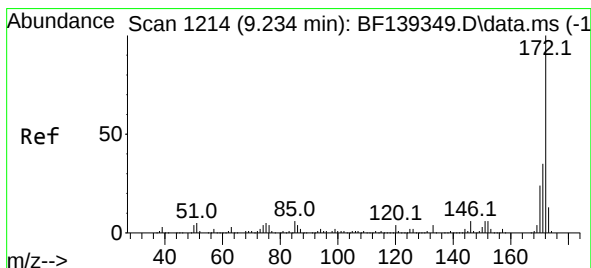
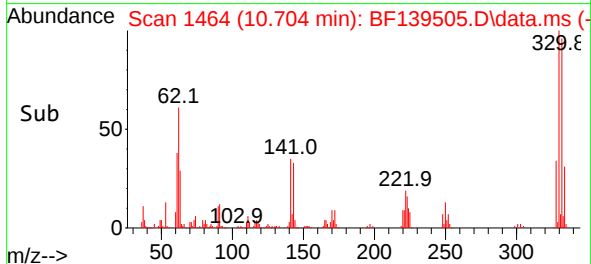
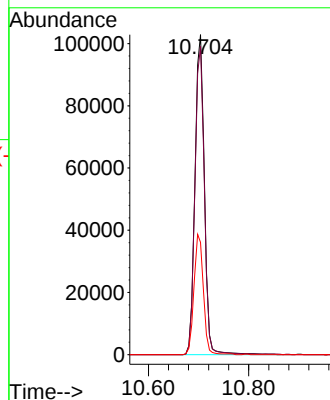
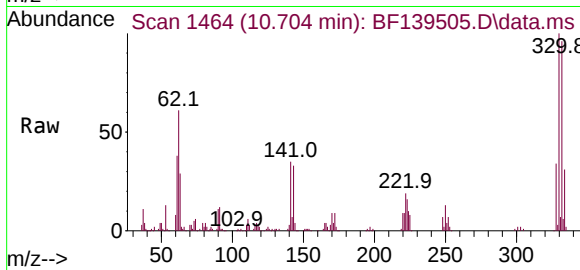




#42
2,4,6-Tribromophenol
Concen: 115.684 ng
RT: 10.704 min Scan# 1464
Delta R.T. 0.006 min
Lab File: BF139505.D
Acq: 20 Sep 2024 16:53

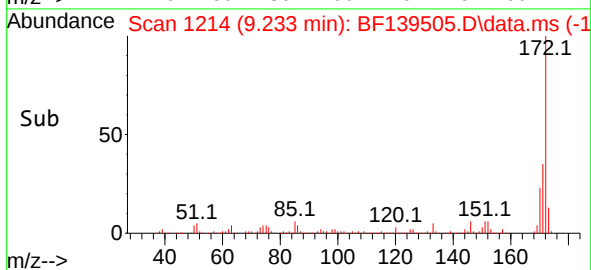
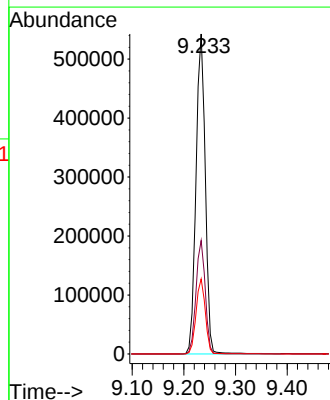
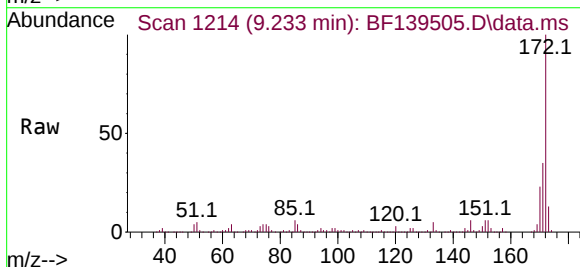
Instrument :
BNA_F
ClientSampleId :
WC-22A

Tgt Ion:330 Resp: 133884
Ion Ratio Lower Upper
330 100
332 96.5 75.2 112.8
141 37.6 31.2 46.8



#45
2-Fluorobiphenyl
Concen: 87.754 ng
RT: 9.233 min Scan# 1214
Delta R.T. -0.000 min
Lab File: BF139505.D
Acq: 20 Sep 2024 16:53

Tgt Ion:172 Resp: 680172
Ion Ratio Lower Upper
172 100
171 35.4 28.3 42.5
170 23.5 19.0 28.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.398 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF139505.D

Acq: 20 Sep 2024 16:53

Instrument :

BNA_F

ClientSampleId :

WC-22A

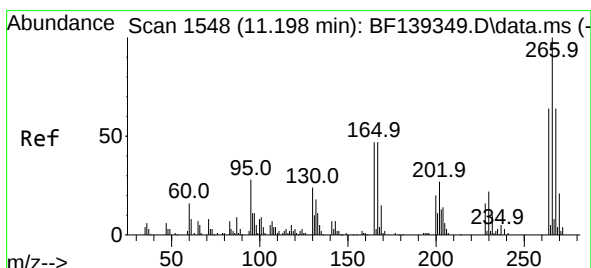
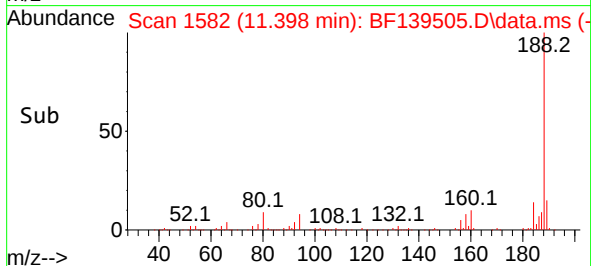
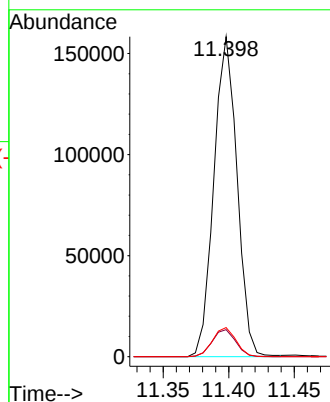
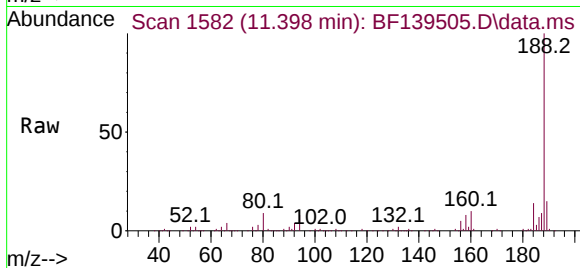
Tgt Ion:188 Resp: 194594

Ion Ratio Lower Upper

188 100

94 8.4 5.5 8.3#

80 9.1 6.6 9.8



#70

Pentachlorophenol

Concen: 9.361 ng

RT: 11.204 min Scan# 1549

Delta R.T. 0.006 min

Lab File: BF139505.D

Acq: 20 Sep 2024 16:53

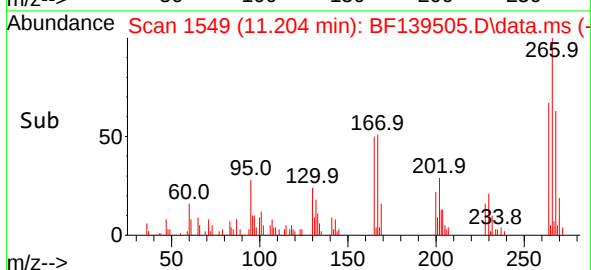
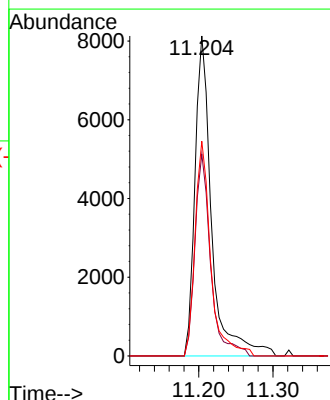
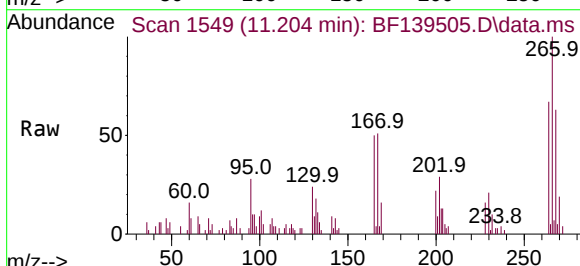
Tgt Ion:266 Resp: 12713

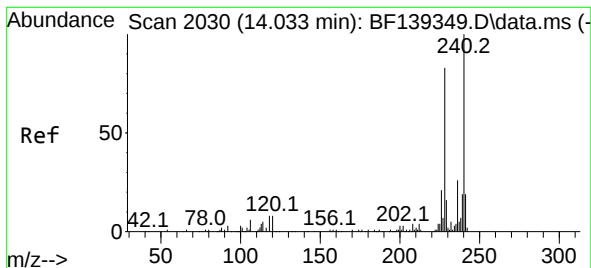
Ion Ratio Lower Upper

266 100

268 63.1 51.1 76.7

264 67.1 51.4 77.0





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.033 min Scan# 2030

Delta R.T. -0.000 min

Lab File: BF139505.D

Acq: 20 Sep 2024 16:53

Instrument :

BNA_F

ClientSampleId :

WC-22A

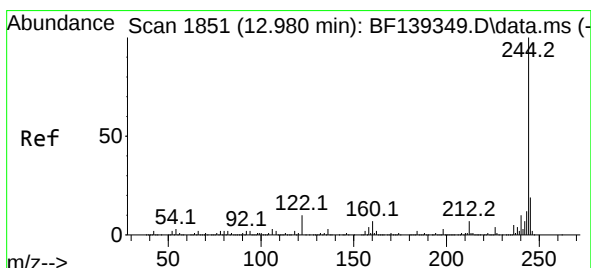
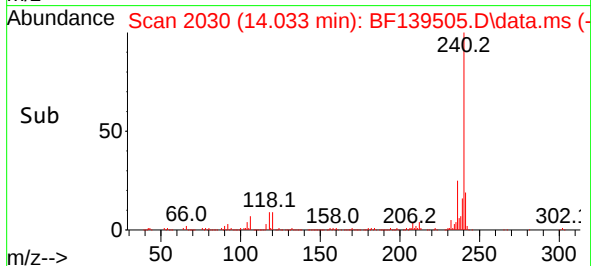
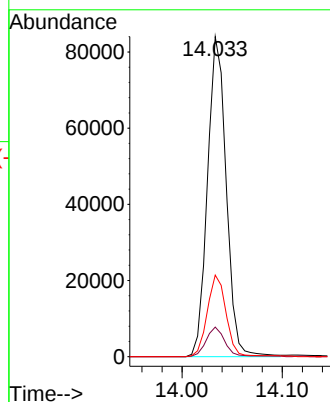
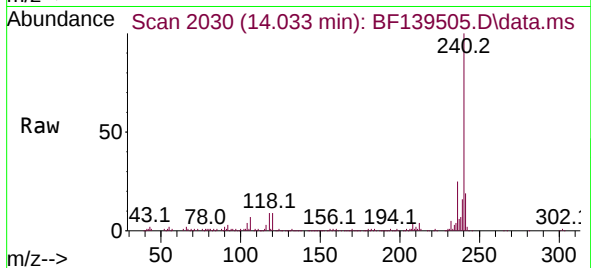
Tgt Ion:240 Resp: 109467

Ion Ratio Lower Upper

240 100

120 9.2 6.2 9.2

236 25.5 20.9 31.3



#79

Terphenyl-d14

Concen: 102.747 ng

RT: 12.980 min Scan# 1851

Delta R.T. -0.000 min

Lab File: BF139505.D

Acq: 20 Sep 2024 16:53

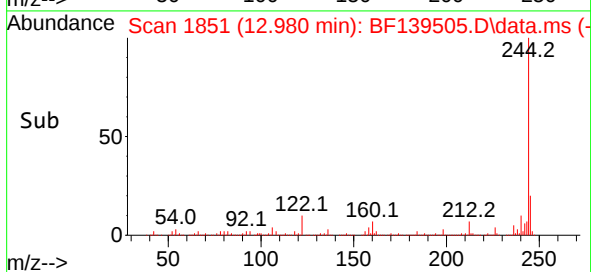
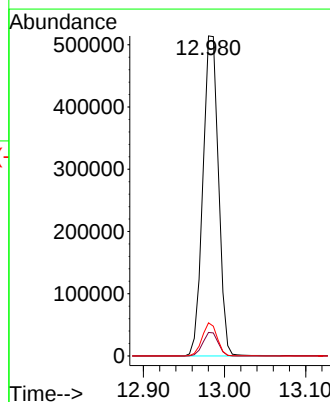
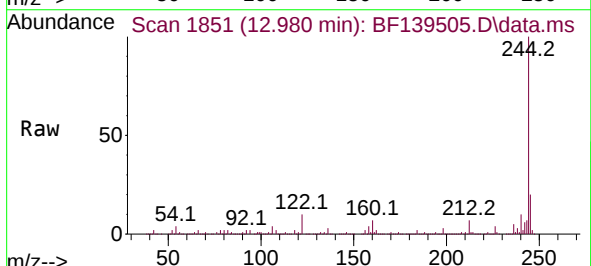
Tgt Ion:244 Resp: 685238

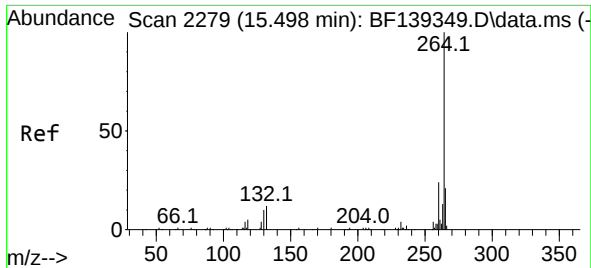
Ion Ratio Lower Upper

244 100

212 7.4 6.0 9.0

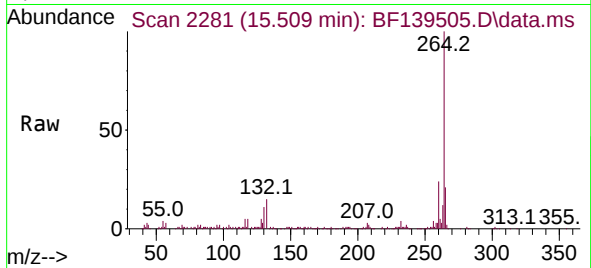
122 10.3 7.6 11.4





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.509 min Scan# 21
 Delta R.T. 0.012 min
 Lab File: BF139505.D
 Acq: 20 Sep 2024 16:53

Instrument :
 BNA_F
 ClientSampleId :
 WC-22A



Tgt Ion:264 Resp: 83692
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.5 29.3
 265 21.1 16.6 25.0

