

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091824\
 Data File : BF139430.D
 Acq On : 18 Sep 2024 17:24
 Operator : RC/JU
 Sample : P4030-03
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-S-08-202409

Quant Time: Sep 18 18:09:41 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)

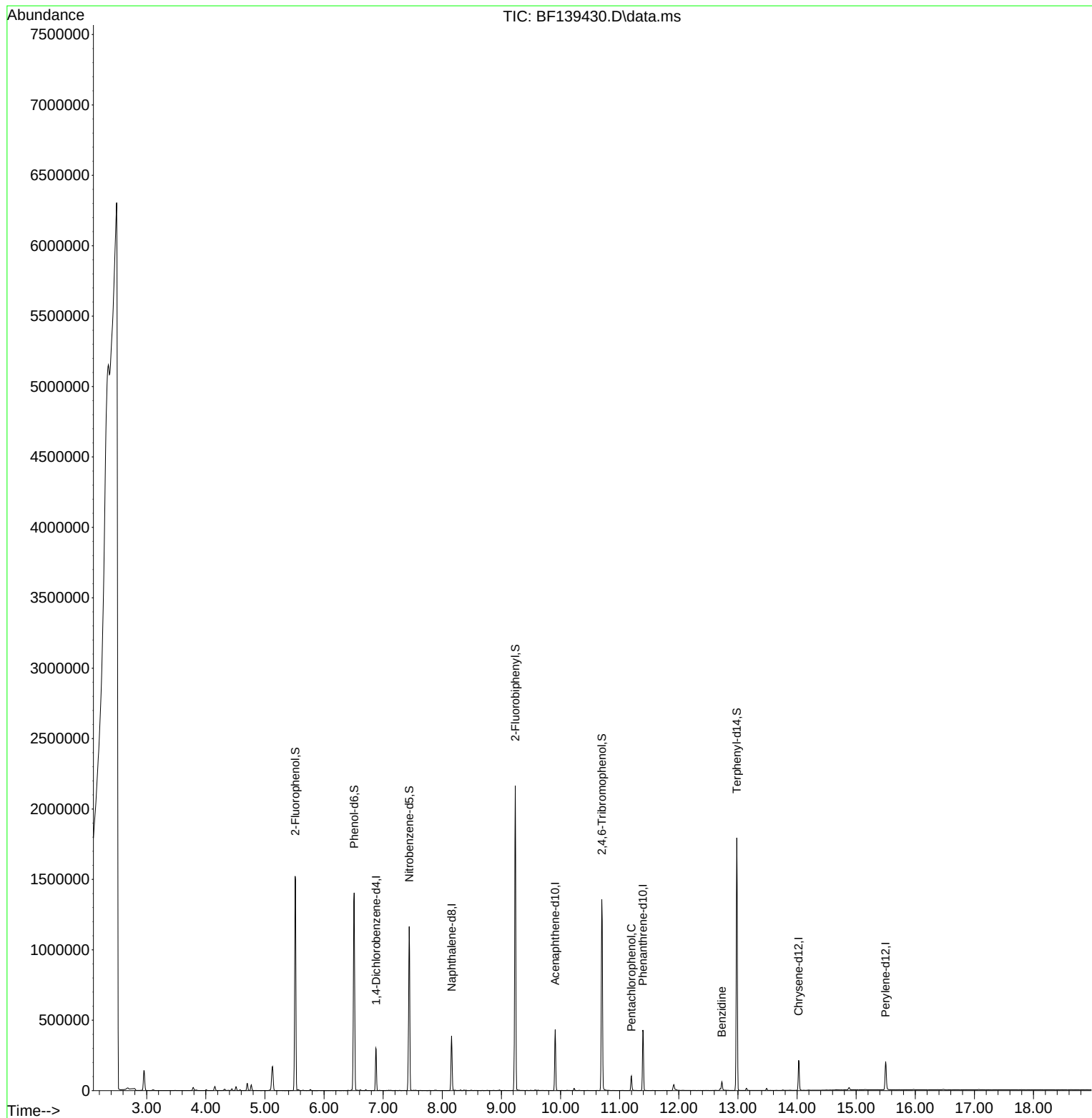
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	59533	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	221899	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	123741	20.000	ng	0.00
64) Phenanthrene-d10	11.392	188	229252	20.000	ng	0.00
76) Chrysene-d12	14.027	240	101047	20.000	ng	0.00
86) Perylene-d12	15.498	264	121156	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	519191	142.271	ng	0.02
7) Phenol-d6	6.510	99	635056	132.580	ng	0.00
23) Nitrobenzene-d5	7.440	82	509576	107.959	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	209764	159.229	ng	0.00
45) 2-Fluorobiphenyl	9.234	172	929767	105.383	ng	0.00
79) Terphenyl-d14	12.980	244	851205	138.268	ng	0.00
Target Compounds						
70) Pentachlorophenol	11.198	266	16287	10.180	ng	98
77) Benzidine	12.727	184	34114	23.564	ng	98

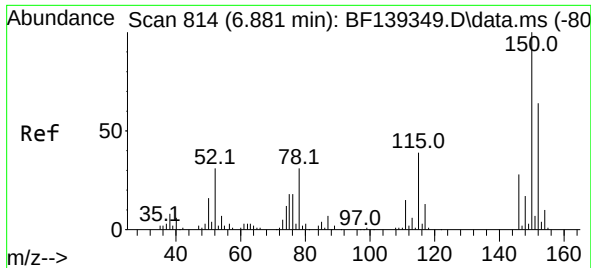
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091824\
Data File : BF139430.D
Acq On : 18 Sep 2024 17:24
Operator : RC/JU
Sample : P4030-03
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-S-08-202409

Quant Time: Sep 18 18:09:41 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

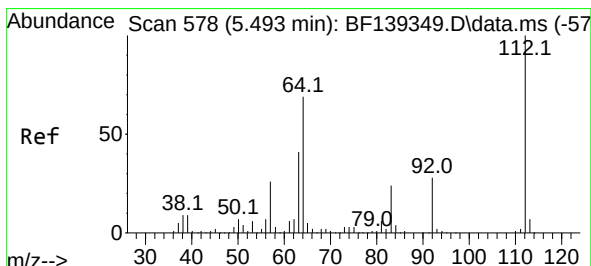
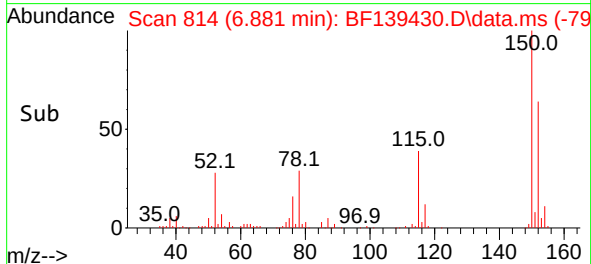
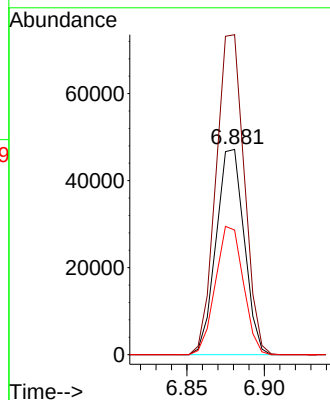
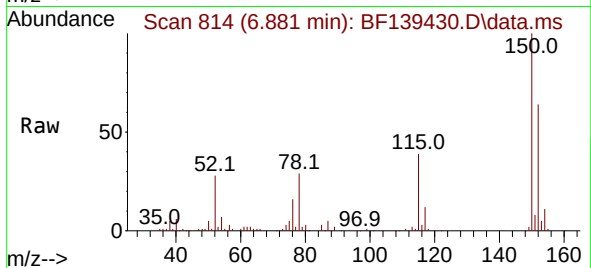




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 814
Delta R.T. -0.000 min
Lab File: BF139430.D
Acq: 18 Sep 2024 17:24

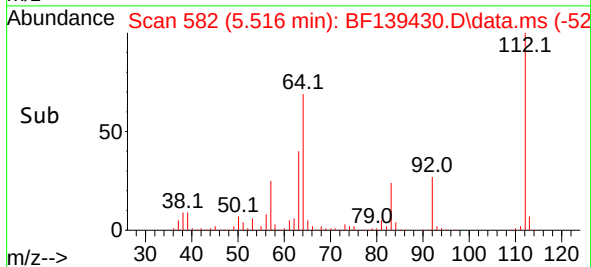
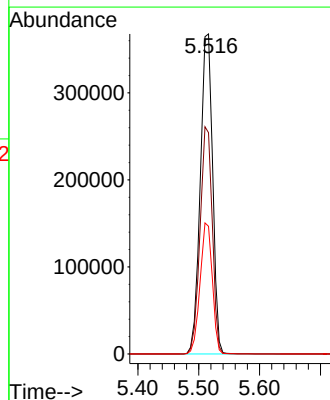
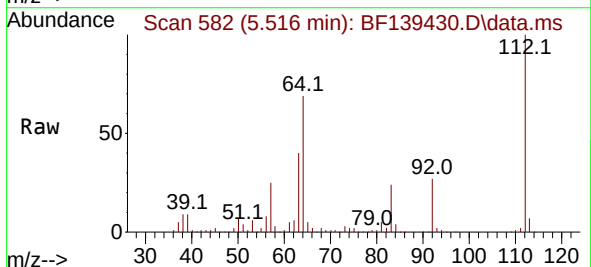
Instrument :
BNA_F
ClientSampleId :
WC-S-08-202409

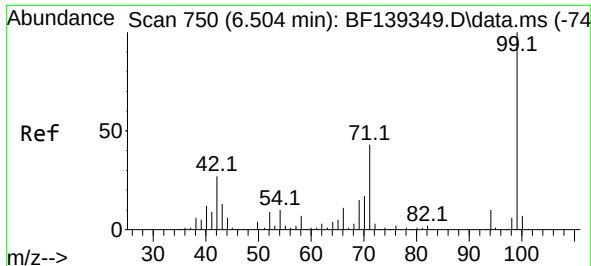
Tgt Ion:152 Resp: 59533
Ion Ratio Lower Upper
152 100
150 155.8 124.1 186.1
115 60.7 48.1 72.1



#5
2-Fluorophenol
Concen: 142.271 ng
RT: 5.516 min Scan# 582
Delta R.T. 0.023 min
Lab File: BF139430.D
Acq: 18 Sep 2024 17:24

Tgt Ion:112 Resp: 519191
Ion Ratio Lower Upper
112 100
64 69.2 54.8 82.2
63 39.9 33.0 49.4





#7

Phenol-d6

Concen: 132.580 ng

RT: 6.510 min Scan# 71

Delta R.T. 0.006 min

Lab File: BF139430.D

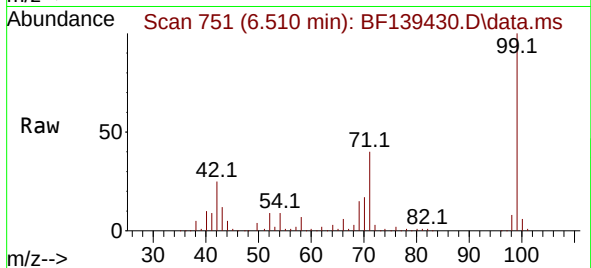
Acq: 18 Sep 2024 17:24

Instrument :

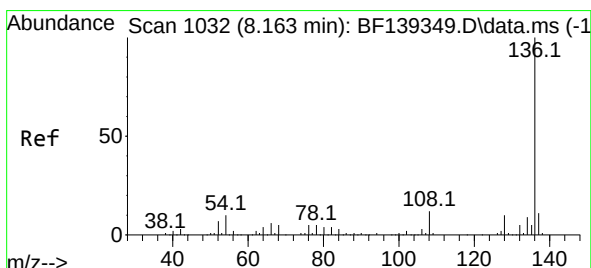
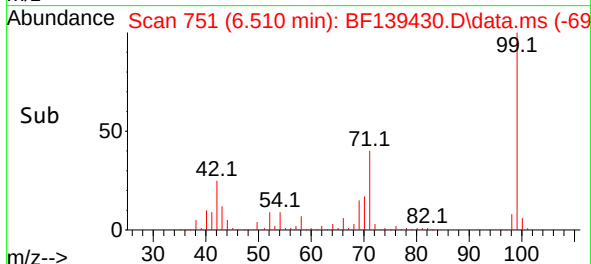
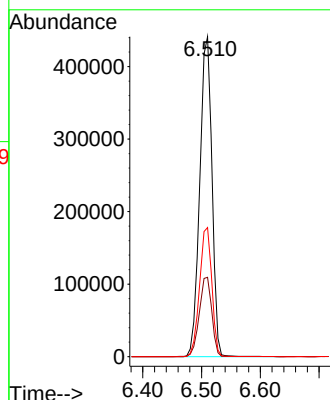
BNA_F

ClientSampleId :

WC-S-08-202409



Tgt Ion:	99	Resp:	635056
Ion	Ratio	Lower	Upper
99	100		
42	24.8	21.9	32.9
71	40.3	34.6	52.0



#21

Naphthalene-d8

Concen: 20.000 ng

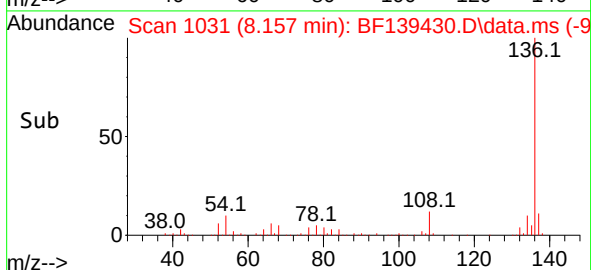
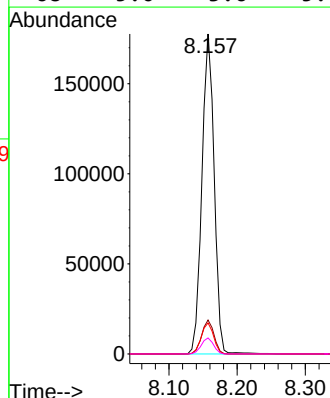
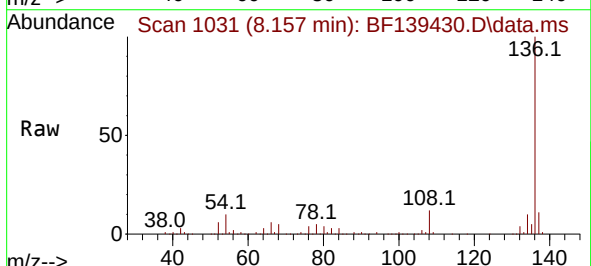
RT: 8.157 min Scan# 1031

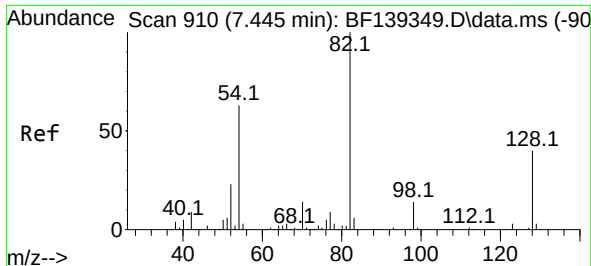
Delta R.T. -0.006 min

Lab File: BF139430.D

Acq: 18 Sep 2024 17:24

Tgt Ion:	136	Resp:	221899
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.6	12.8
54	9.7	7.8	11.8
68	5.0	3.6	5.4





#23

Nitrobenzene-d5

Concen: 107.959 ng

RT: 7.440 min Scan# 90

Delta R.T. -0.006 min

Lab File: BF139430.D

Acq: 18 Sep 2024 17:24

Instrument :

BNA_F

ClientSampleId :

WC-S-08-202409

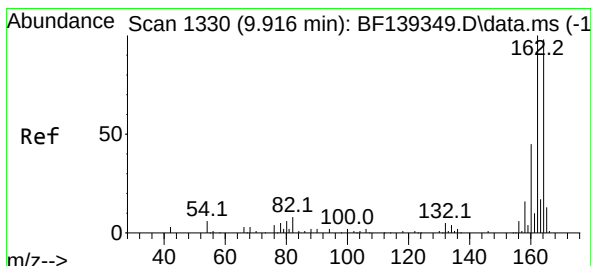
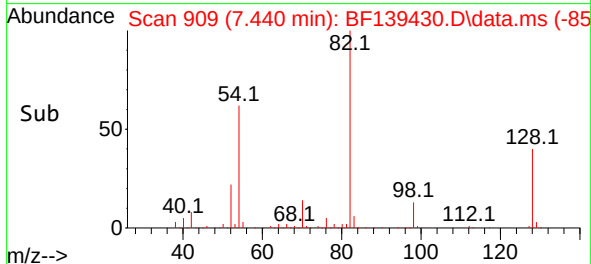
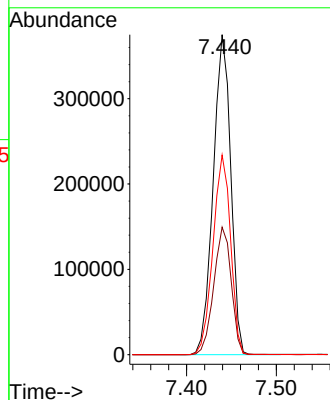
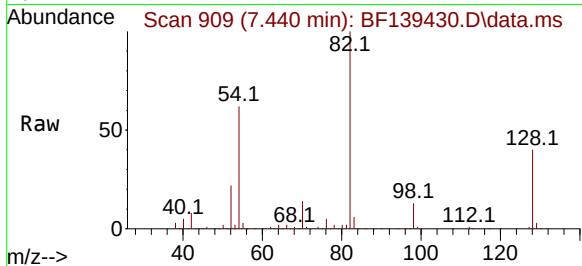
Tgt Ion: 82 Resp: 509576

Ion Ratio Lower Upper

82 100

128 39.8 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: BF139430.D

Acq: 18 Sep 2024 17:24

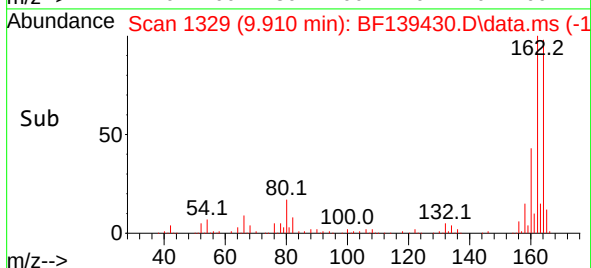
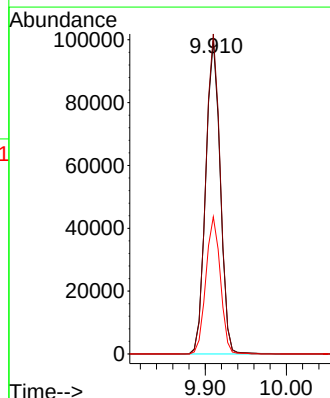
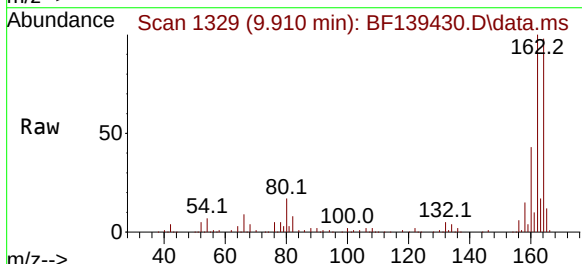
Tgt Ion:164 Resp: 123741

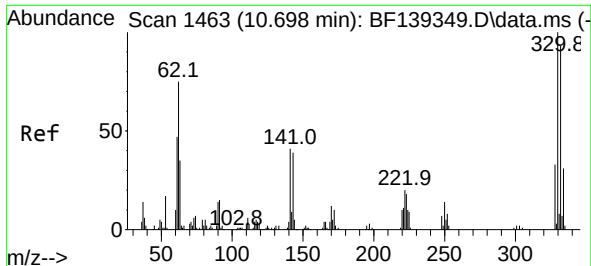
Ion Ratio Lower Upper

164 100

162 102.2 81.3 121.9

160 43.8 36.4 54.6





#42

2,4,6-Tribromophenol

Concen: 159.229 ng

RT: 10.698 min Scan# 1463

Delta R.T. -0.000 min

Lab File: BF139430.D

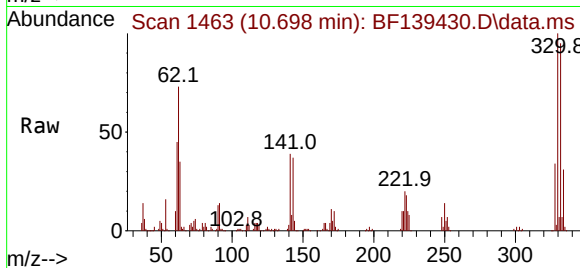
Acq: 18 Sep 2024 17:24

Instrument :

BNA_F

ClientSampleId :

WC-S-08-202409



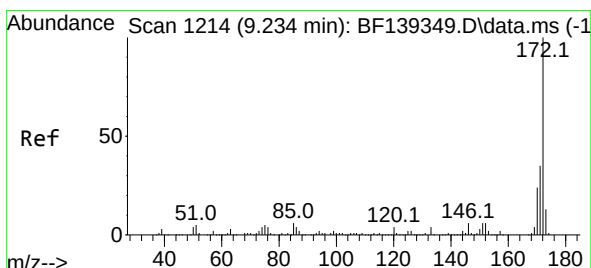
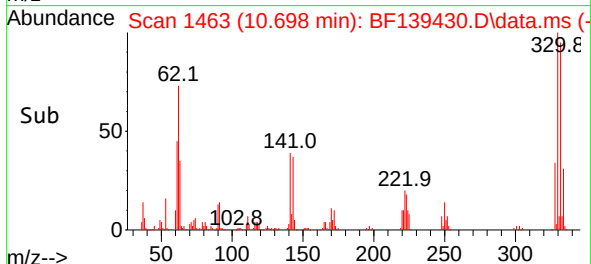
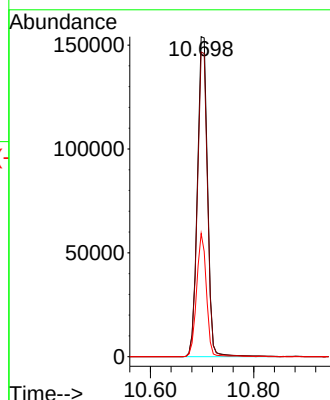
Tgt Ion:330 Resp: 209764

Ion Ratio Lower Upper

330 100

332 95.0 75.2 112.8

141 37.2 31.2 46.8



#45

2-Fluorobiphenyl

Concen: 105.383 ng

RT: 9.234 min Scan# 1214

Delta R.T. -0.000 min

Lab File: BF139430.D

Acq: 18 Sep 2024 17:24

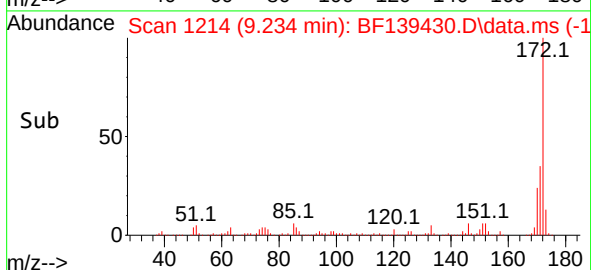
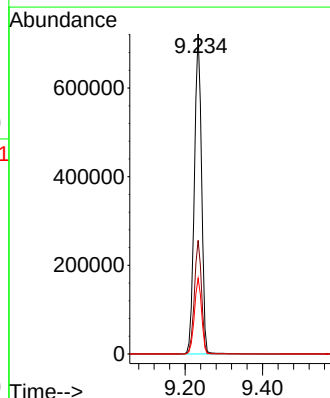
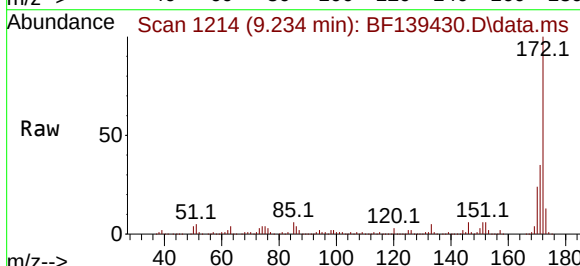
Tgt Ion:172 Resp: 929767

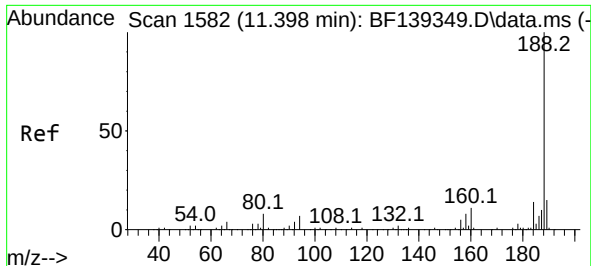
Ion Ratio Lower Upper

172 100

171 35.5 28.3 42.5

170 23.7 19.0 28.6

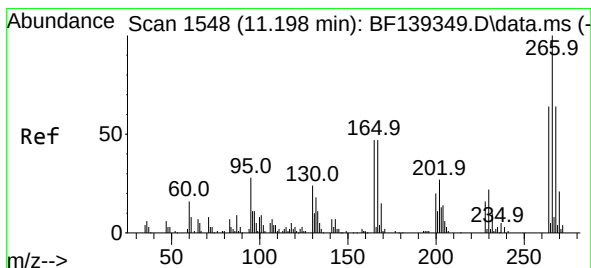
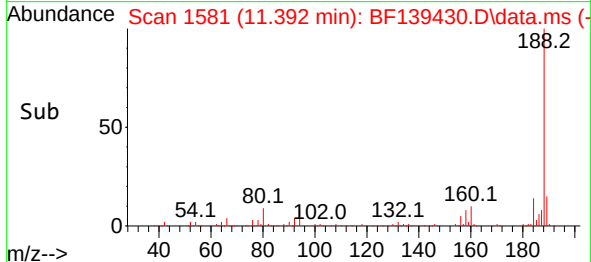
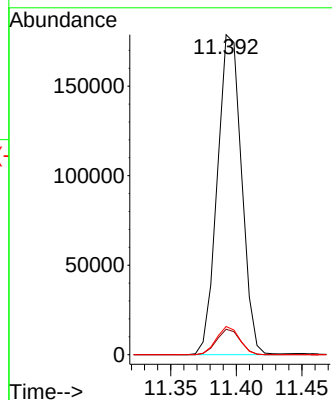
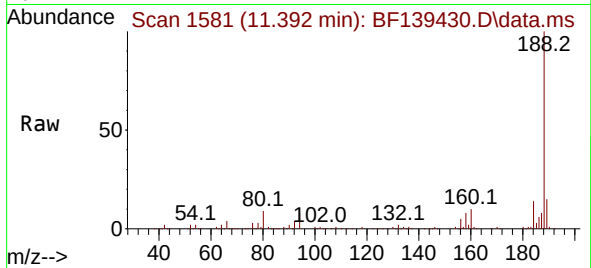




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.392 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF139430.D
Acq: 18 Sep 2024 17:24

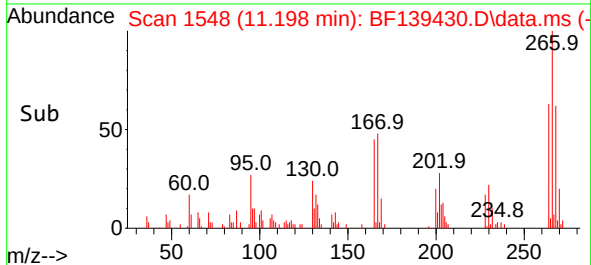
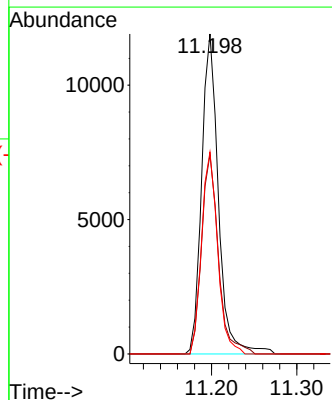
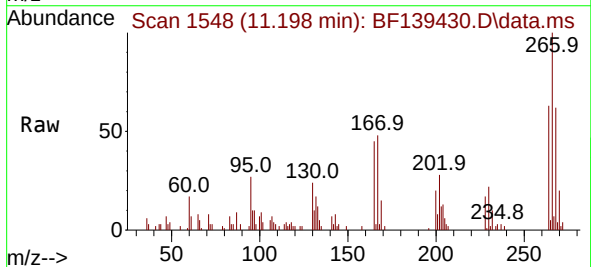
Instrument :
BNA_F
ClientSampleId :
WC-S-08-202409

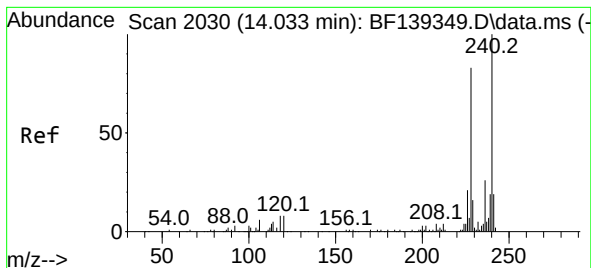
Tgt Ion:188 Resp: 229252
Ion Ratio Lower Upper
188 100
94 7.9 5.5 8.3
80 8.8 6.6 9.8



#70
Pentachlorophenol
Concen: 10.180 ng
RT: 11.198 min Scan# 1548
Delta R.T. -0.000 min
Lab File: BF139430.D
Acq: 18 Sep 2024 17:24

Tgt Ion:266 Resp: 16287
Ion Ratio Lower Upper
266 100
268 62.4 51.1 76.7
264 63.1 51.4 77.0





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.027 min Scan# 2030

Delta R.T. -0.006 min

Lab File: BF139430.D

Acq: 18 Sep 2024 17:24

Instrument :

BNA_F

ClientSampleId :

WC-S-08-202409

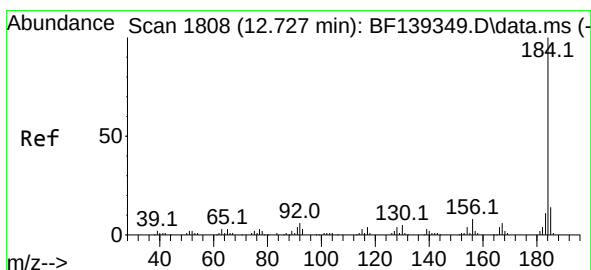
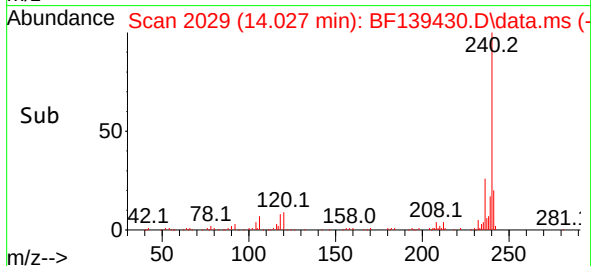
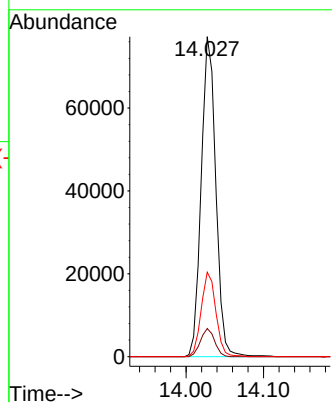
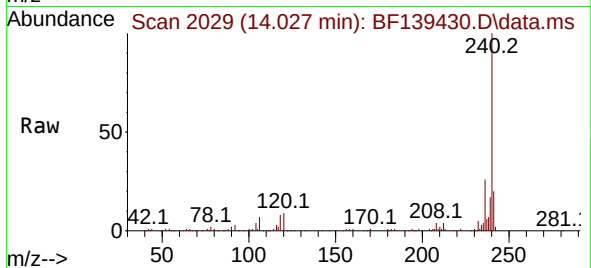
Tgt Ion:240 Resp: 101047

Ion Ratio Lower Upper

240 100

120 8.8 6.2 9.2

236 26.4 20.9 31.3



#77

Benzidine

Concen: 23.564 ng

RT: 12.727 min Scan# 1808

Delta R.T. -0.000 min

Lab File: BF139430.D

Acq: 18 Sep 2024 17:24

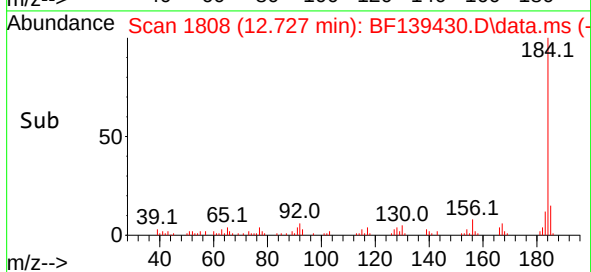
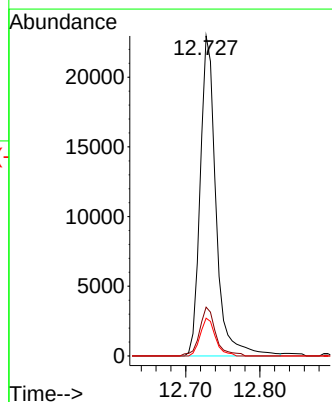
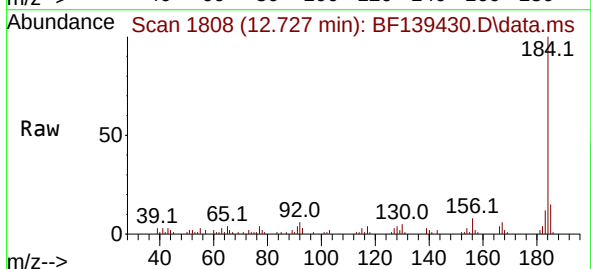
Tgt Ion:184 Resp: 34114

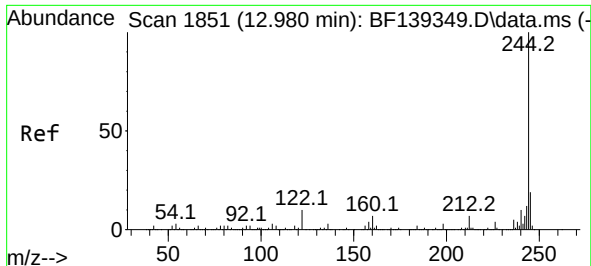
Ion Ratio Lower Upper

184 100

185 15.3 11.5 17.3

183 11.8 8.9 13.3

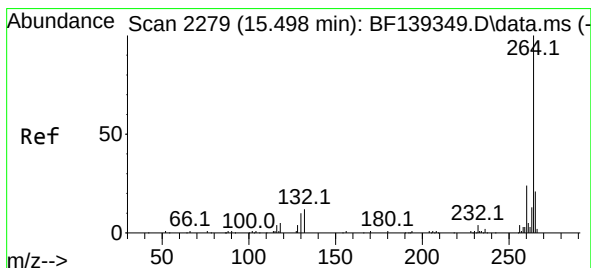
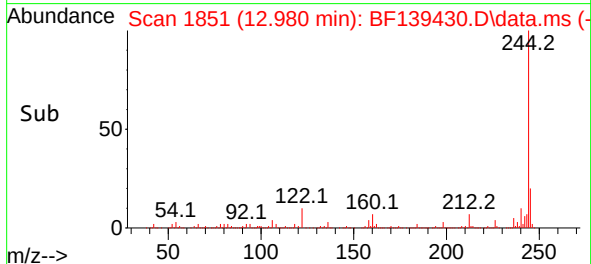
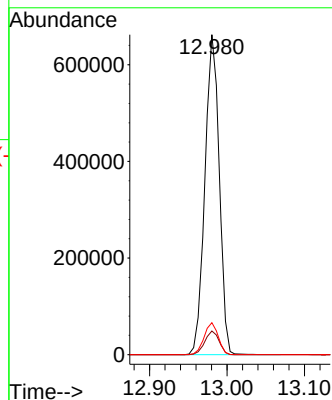
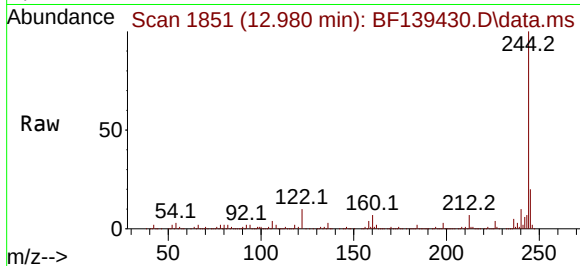




#79
 Terphenyl-d14
 Concen: 138.268 ng
 RT: 12.980 min Scan# 1851
 Delta R.T. -0.000 min
 Lab File: BF139430.D
 Acq: 18 Sep 2024 17:24

Instrument :
 BNA_F
 ClientSampleId :
 WC-S-08-202409

Tgt Ion:244 Resp: 851205
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.0 9.0
 122 10.0 7.6 11.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.498 min Scan# 2279
 Delta R.T. -0.000 min
 Lab File: BF139430.D
 Acq: 18 Sep 2024 17:24

Tgt Ion:264 Resp: 121156
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.5 29.3
 265 21.9 16.6 25.0

