

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091824\
 Data File : BF139431.D
 Acq On : 18 Sep 2024 17:52
 Operator : RC/JU
 Sample : P4030-02
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

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

Quant Time: Sep 19 01:27:57 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)

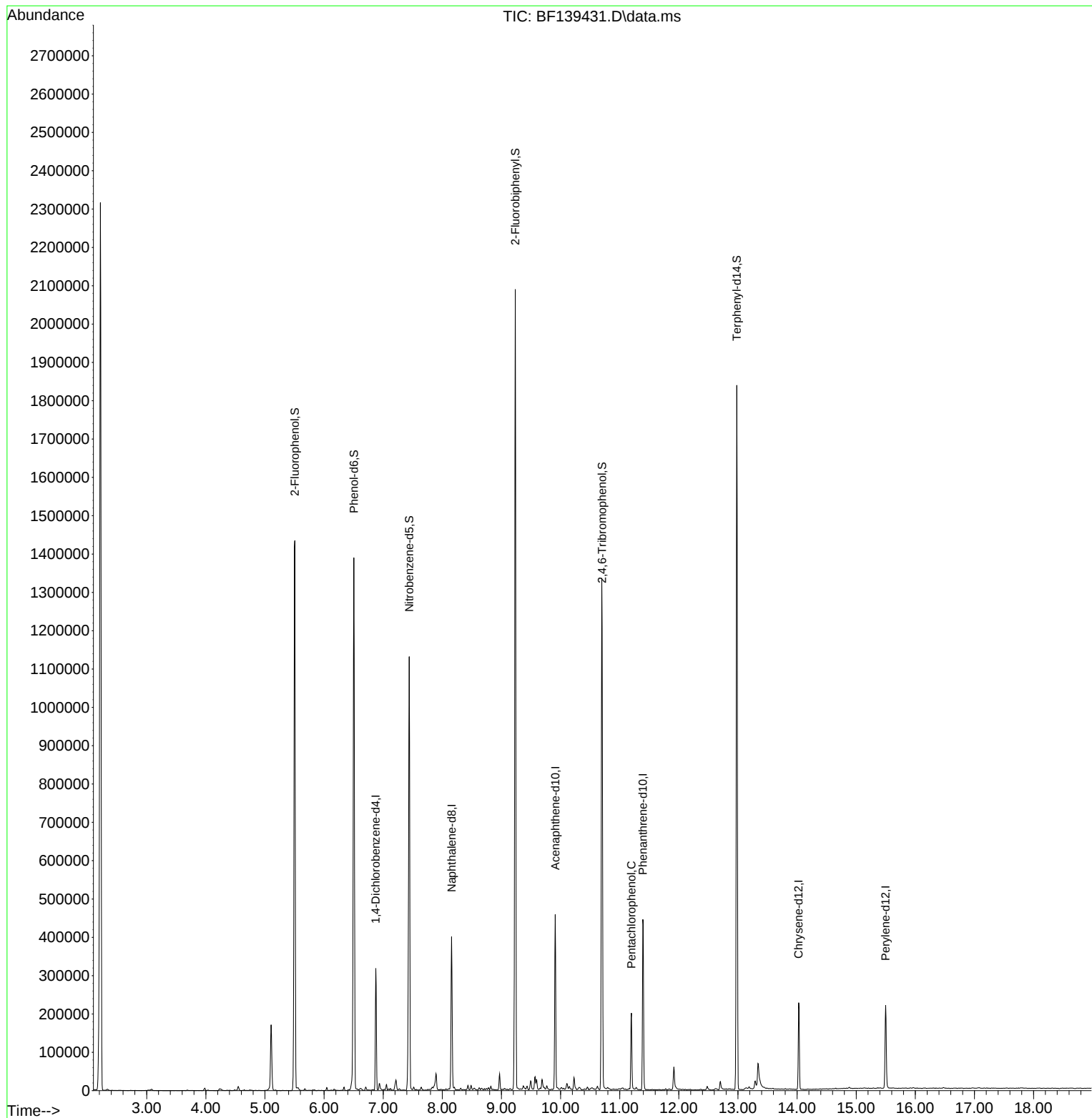
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	60436	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	226595	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	127416	20.000	ng	0.00
64) Phenanthrene-d10	11.392	188	232750	20.000	ng	0.00
76) Chrysene-d12	14.027	240	105843	20.000	ng	0.00
86) Perylene-d12	15.498	264	127244	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	495088	133.639	ng	0.01
7) Phenol-d6	6.504	99	600478	123.488	ng	0.00
23) Nitrobenzene-d5	7.439	82	491606	101.993	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	203426	149.964	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	884669	97.379	ng	0.00
79) Terphenyl-d14	12.980	244	864792	134.110	ng	0.00
Target Compounds						
70) Pentachlorophenol	11.198	266	29995	18.467	ng	Qvalue 96

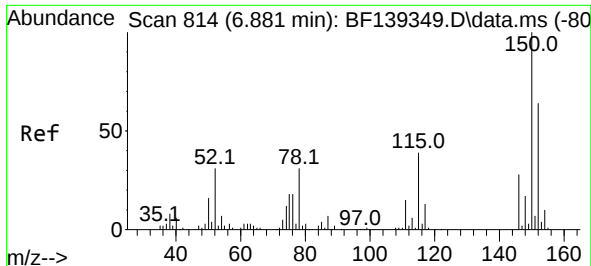
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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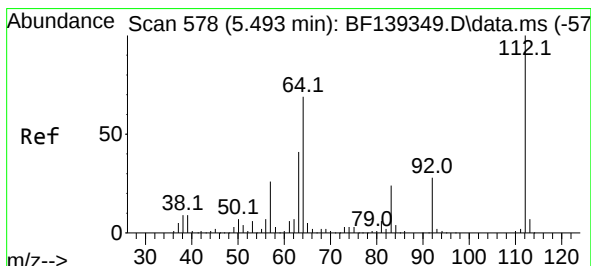
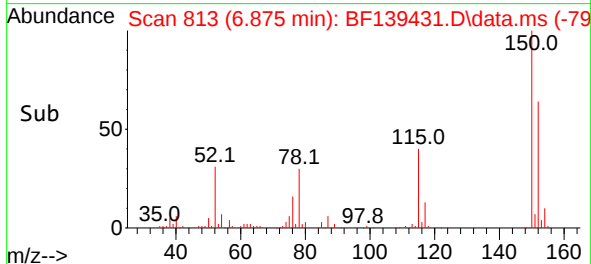
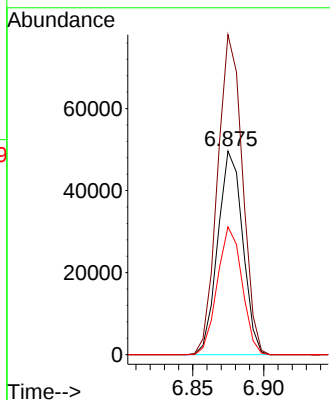
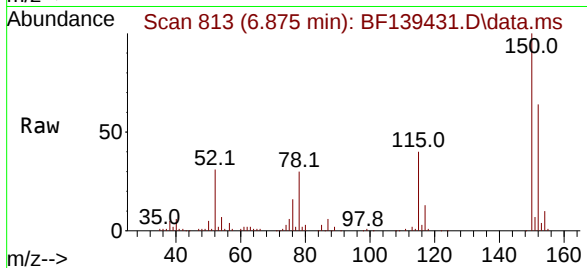




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 814
Delta R.T. -0.006 min
Lab File: BF139431.D
Acq: 18 Sep 2024 17:52

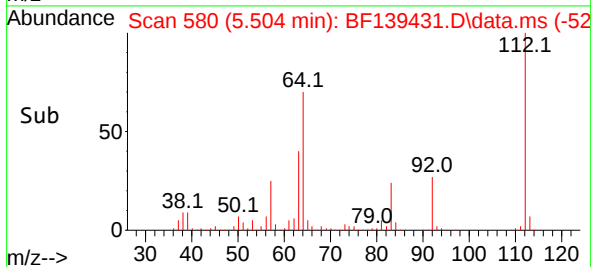
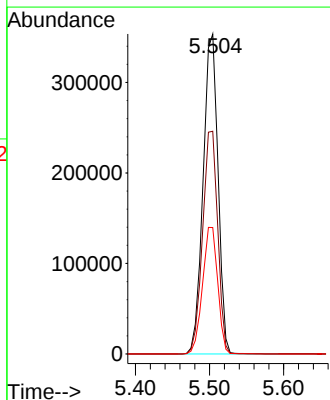
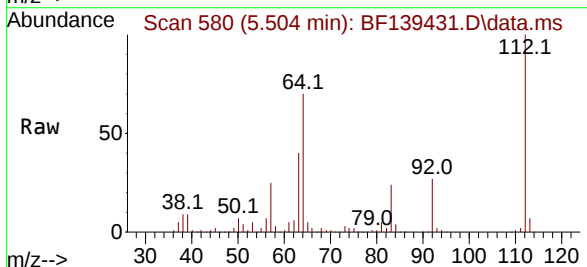
Instrument :
BNA_F
ClientSampleId :
WC-A-08-202409

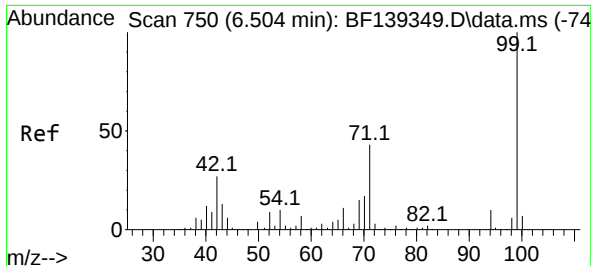
Tgt Ion:152 Resp: 60436
Ion Ratio Lower Upper
152 100
150 157.2 124.1 186.1
115 62.8 48.1 72.1



#5
2-Fluorophenol
Concen: 133.639 ng
RT: 5.504 min Scan# 580
Delta R.T. 0.011 min
Lab File: BF139431.D
Acq: 18 Sep 2024 17:52

Tgt Ion:112 Resp: 495088
Ion Ratio Lower Upper
112 100
64 69.6 54.8 82.2
63 39.5 33.0 49.4

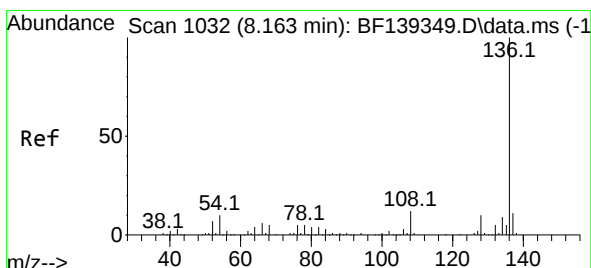
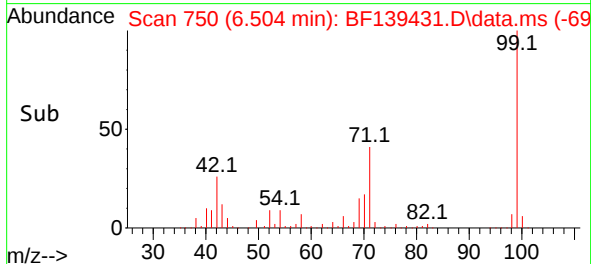
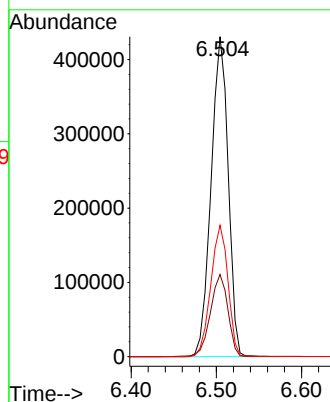
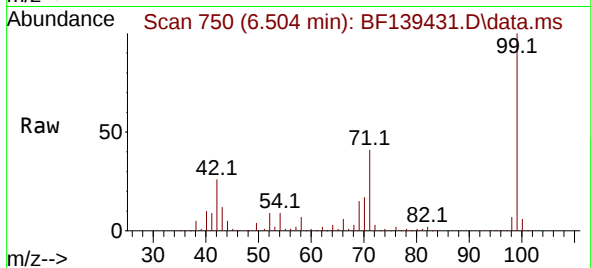




#7
Phenol-d6
Concen: 123.488 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF139431.D
Acq: 18 Sep 2024 17:52

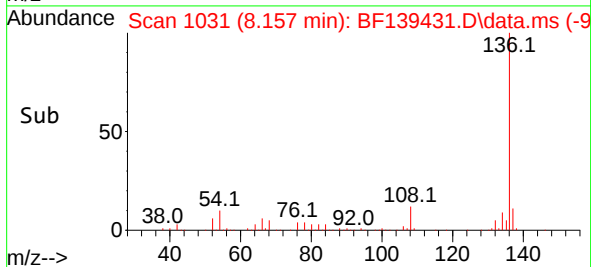
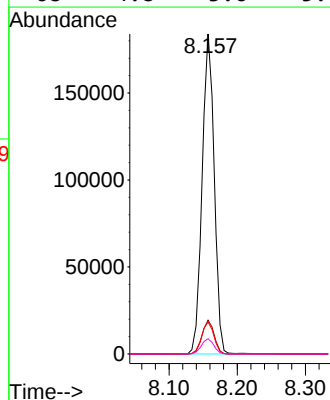
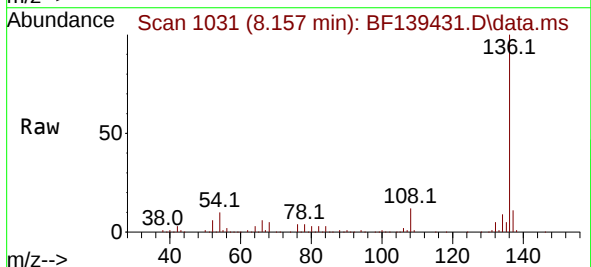
Instrument :
BNA_F
ClientSampleId :
WC-A-08-202409

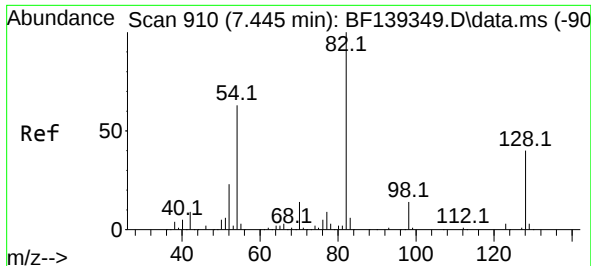
Tgt Ion: 99 Resp: 600478
Ion Ratio Lower Upper
99 100
42 25.7 21.9 32.9
71 41.1 34.6 52.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF139431.D
Acq: 18 Sep 2024 17:52

Tgt Ion:136 Resp: 226595
Ion Ratio Lower Upper
136 100
137 10.6 8.6 12.8
54 10.0 7.8 11.8
68 4.8 3.6 5.4





#23

Nitrobenzene-d5

Concen: 101.993 ng

RT: 7.439 min Scan# 90

Delta R.T. -0.006 min

Lab File: BF139431.D

Acq: 18 Sep 2024 17:52

Instrument :

BNA_F

ClientSampleId :

WC-A-08-202409

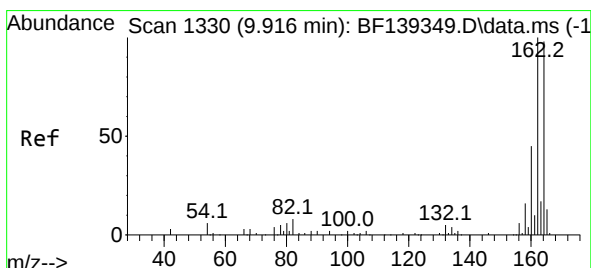
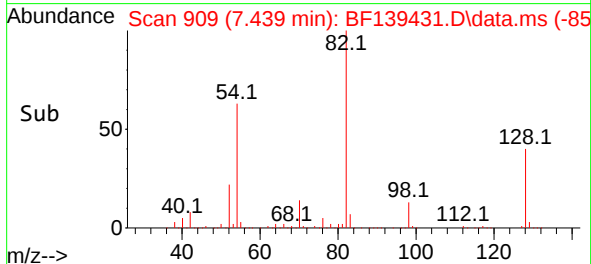
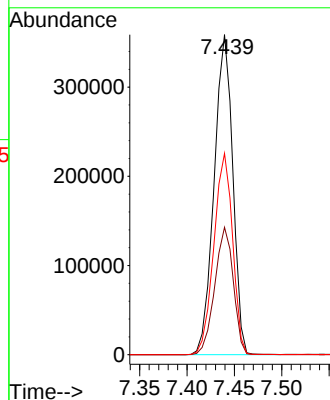
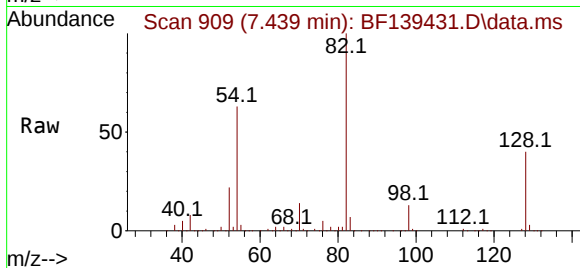
Tgt Ion: 82 Resp: 491606

Ion Ratio Lower Upper

82 100

128 39.8 31.8 47.6

54 62.9 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: BF139431.D

Acq: 18 Sep 2024 17:52

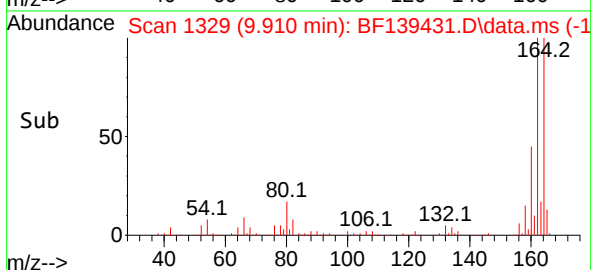
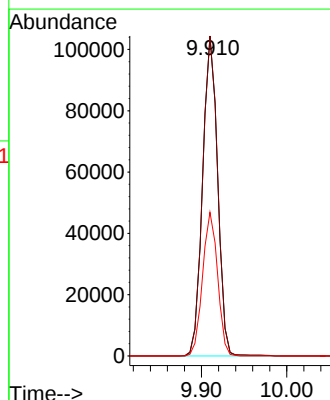
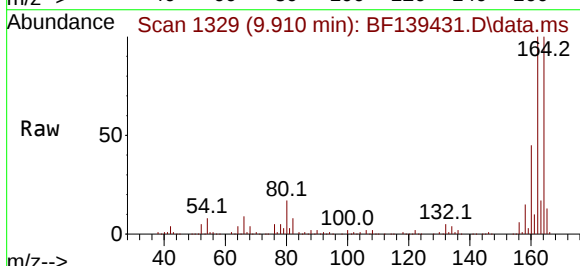
Tgt Ion:164 Resp: 127416

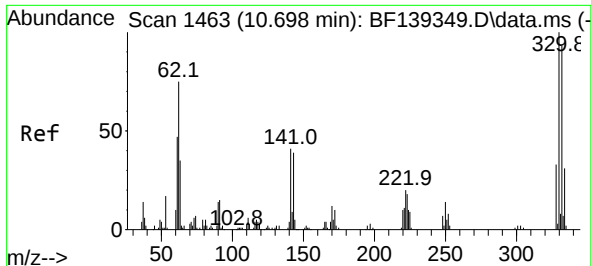
Ion Ratio Lower Upper

164 100

162 100.0 81.3 121.9

160 44.9 36.4 54.6





#42

2,4,6-Tribromophenol

Concen: 149.964 ng

RT: 10.704 min Scan# 1464

Delta R.T. 0.006 min

Lab File: BF139431.D

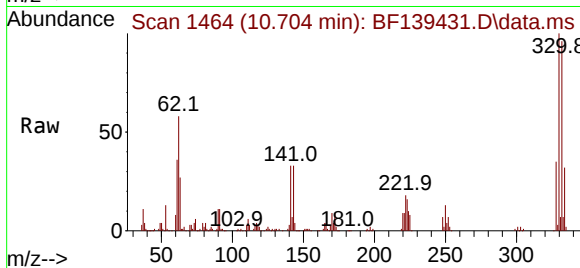
Acq: 18 Sep 2024 17:52

Instrument :

BNA_F

ClientSampleId :

WC-A-08-202409



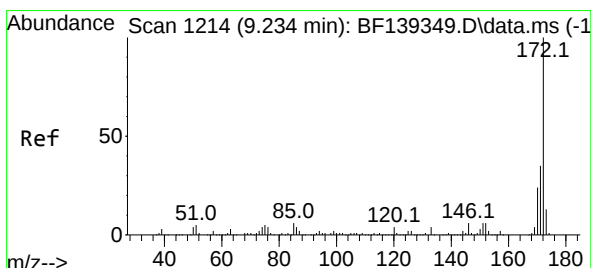
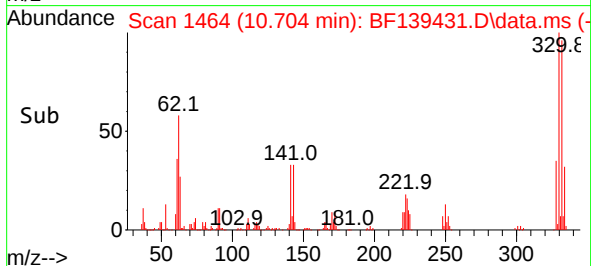
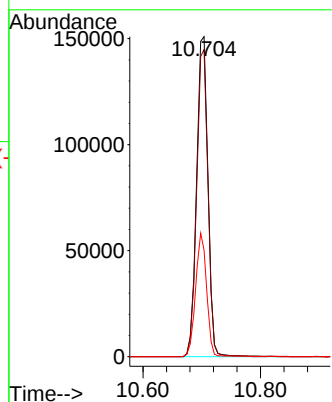
Tgt Ion:330 Resp: 203426

Ion Ratio Lower Upper

330 100

332 95.4 75.2 112.8

141 37.4 31.2 46.8



#45

2-Fluorobiphenyl

Concen: 97.379 ng

RT: 9.233 min Scan# 1214

Delta R.T. -0.000 min

Lab File: BF139431.D

Acq: 18 Sep 2024 17:52

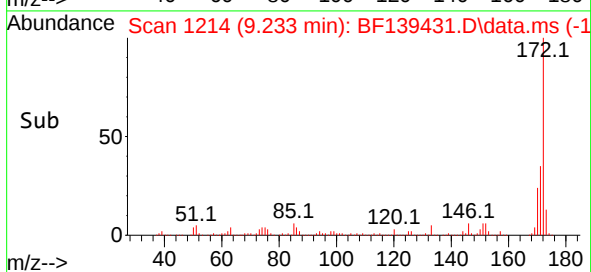
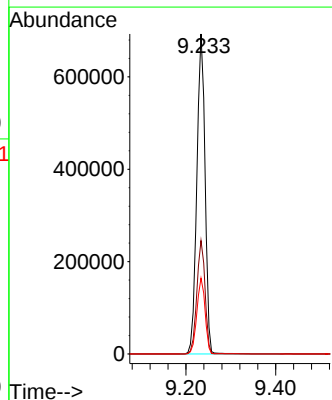
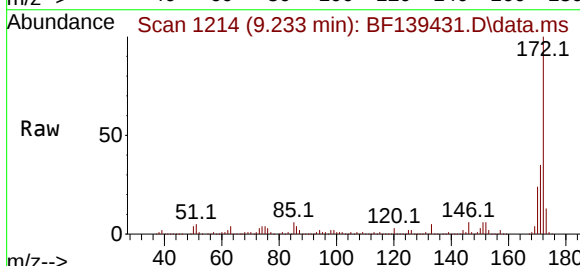
Tgt Ion:172 Resp: 884669

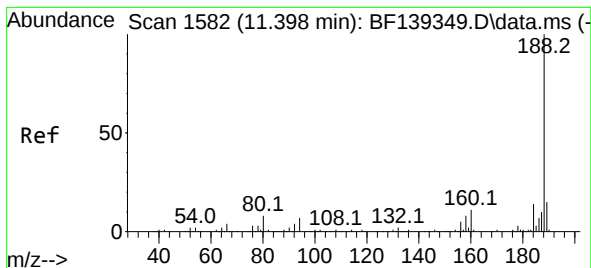
Ion Ratio Lower Upper

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# 1

Delta R.T. -0.006 min

Lab File: BF139431.D

Acq: 18 Sep 2024 17:52

Instrument :

BNA_F

ClientSampleId :

WC-A-08-202409

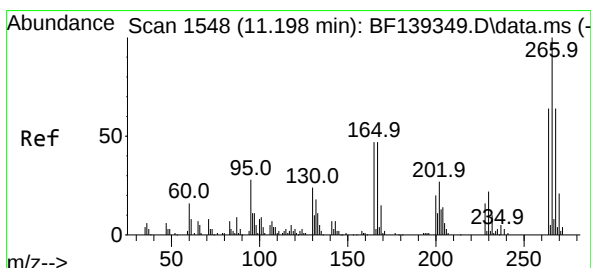
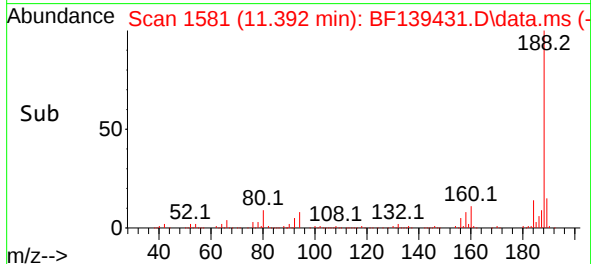
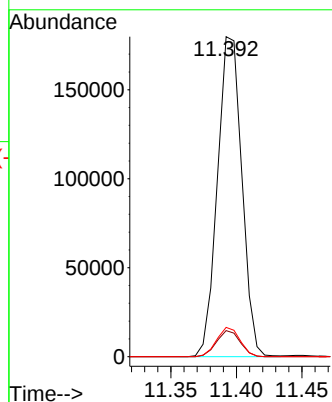
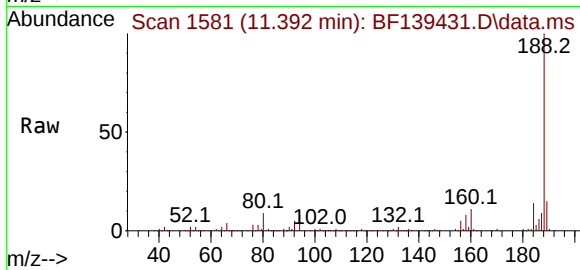
Tgt Ion:188 Resp: 232750

Ion Ratio Lower Upper

188 100

94 8.1 5.5 8.3

80 9.2 6.6 9.8



#70

Pentachlorophenol

Concen: 18.467 ng

RT: 11.198 min Scan# 1548

Delta R.T. -0.000 min

Lab File: BF139431.D

Acq: 18 Sep 2024 17:52

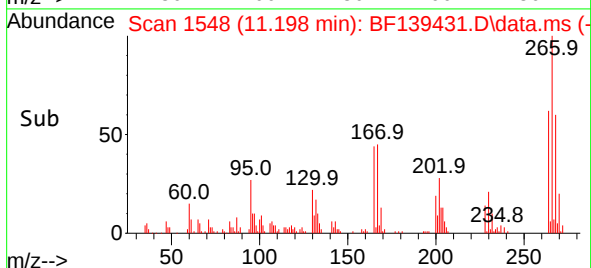
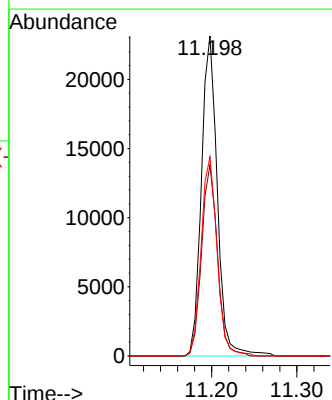
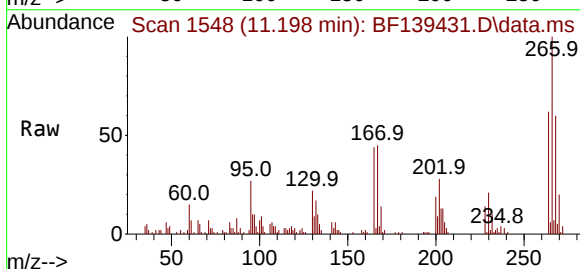
Tgt Ion:266 Resp: 29995

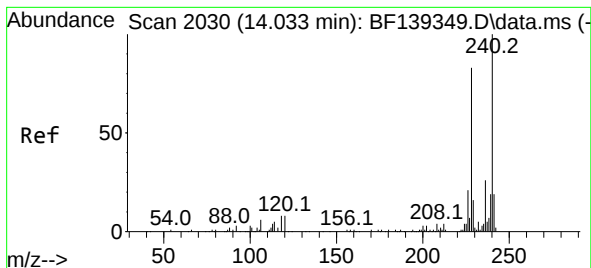
Ion Ratio Lower Upper

266 100

268 59.7 51.1 76.7

264 62.2 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: BF139431.D

Acq: 18 Sep 2024 17:52

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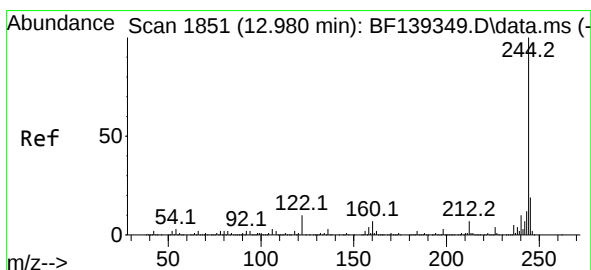
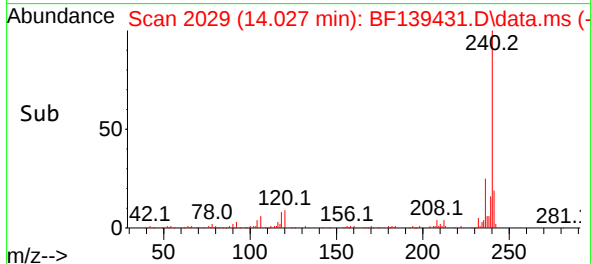
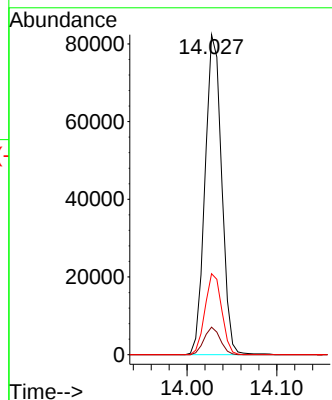
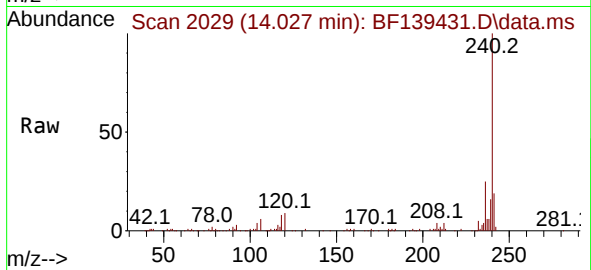
Tgt Ion:240 Resp: 105843

Ion Ratio Lower Upper

240 100

120 8.6 6.2 9.2

236 25.3 20.9 31.3



#79

Terphenyl-d14

Concen: 134.110 ng

RT: 12.980 min Scan# 1851

Delta R.T. -0.000 min

Lab File: BF139431.D

Acq: 18 Sep 2024 17:52

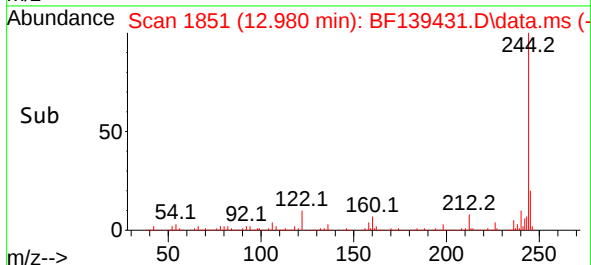
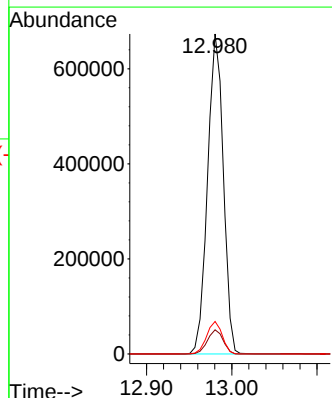
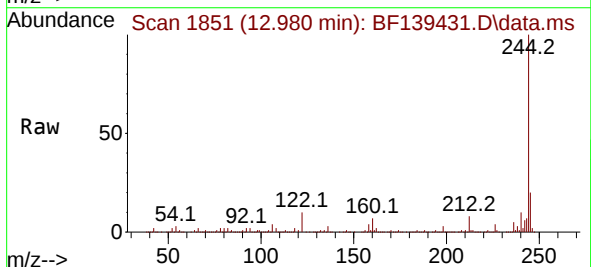
Tgt Ion:244 Resp: 864792

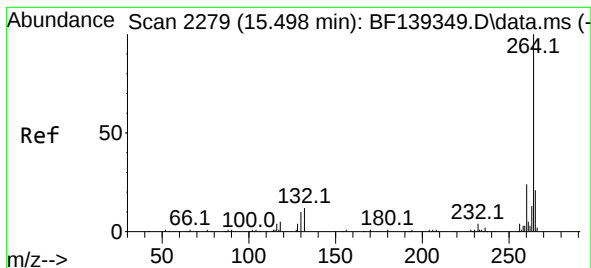
Ion Ratio Lower Upper

244 100

212 7.5 6.0 9.0

122 10.2 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: BF139431.D

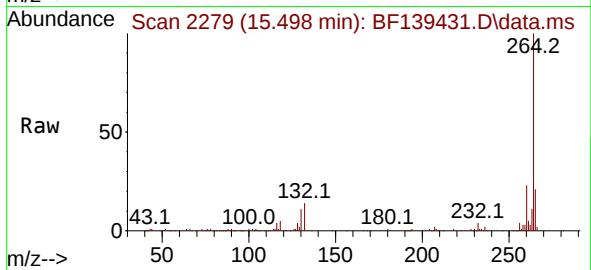
Acq: 18 Sep 2024 17:52

Instrument :

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Tgt Ion:264 Resp: 127244

Ion Ratio Lower Upper

264 100

260 23.2 19.5 29.3

265 21.3 16.6 25.0

