

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091424\
 Data File : BF139373.D
 Acq On : 14 Sep 2024 17:36
 Operator : RC/JU
 Sample : P3976-04
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RW-2

Quant Time: Sep 16 01:58:26 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)

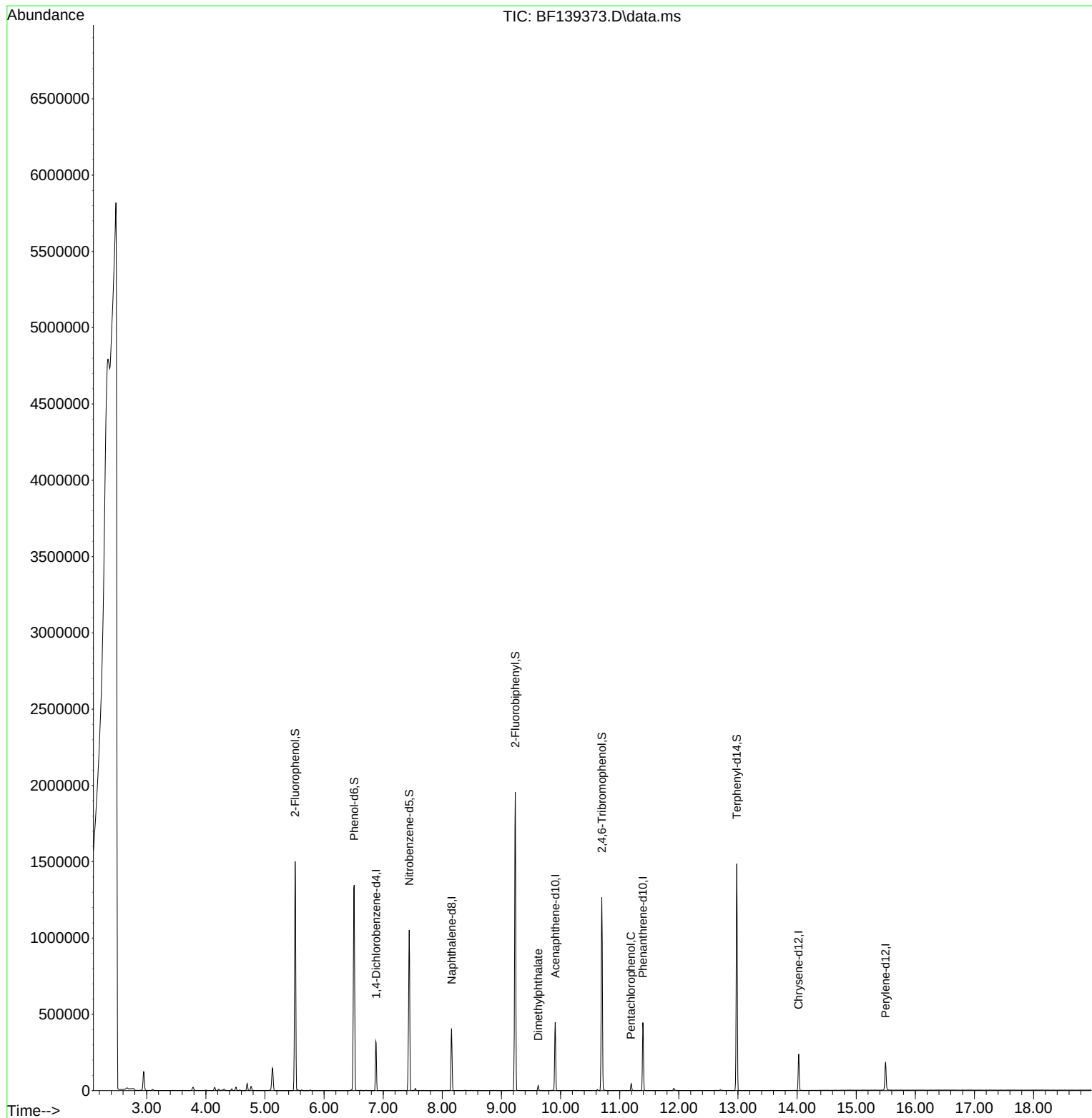
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	61662	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	231525	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	128801	20.000	ng	0.00
64) Phenanthrene-d10	11.392	188	227293	20.000	ng	0.00
76) Chrysene-d12	14.027	240	110136	20.000	ng	0.00
86) Perylene-d12	15.498	264	113283	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	502099	132.837	ng	0.02
7) Phenol-d6	6.510	99	615560	124.073	ng	0.00
23) Nitrobenzene-d5	7.439	82	458385	93.076	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	190339	138.808	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	835354	90.962	ng	0.00
79) Terphenyl-d14	12.980	244	696924	103.865	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.622	163	17613	2.083	ng	99
70) Pentachlorophenol	11.192	266	7970	5.025	ng	91

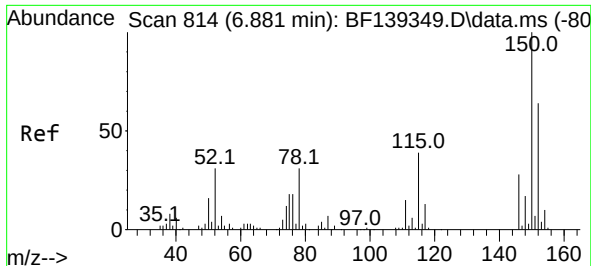
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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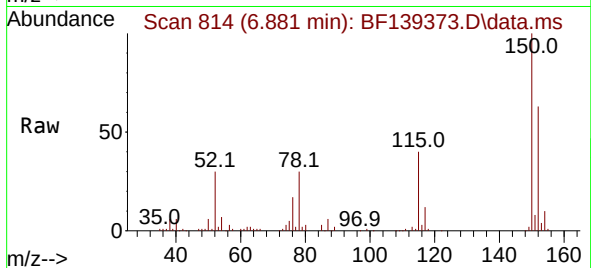
Quant Time: Sep 16 01:58:26 2024
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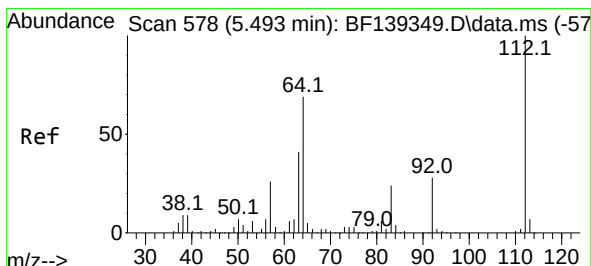
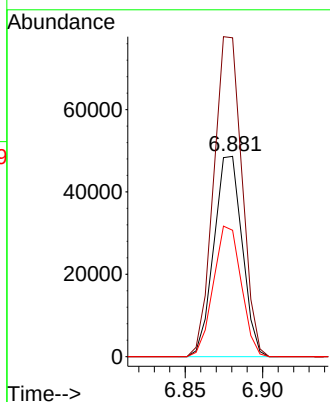
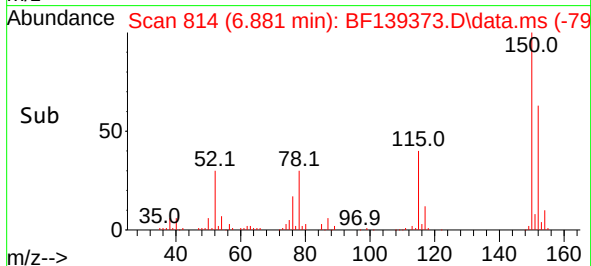


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 814
Delta R.T. -0.000 min
Lab File: BF139373.D
Acq: 14 Sep 2024 17:36

Instrument :
BNA_F
ClientSampleId :
RW-2

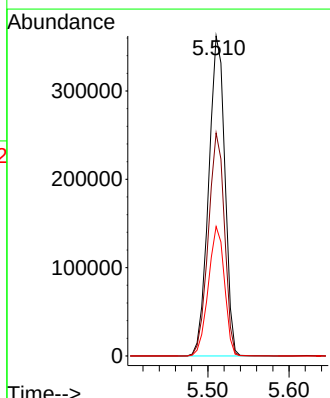
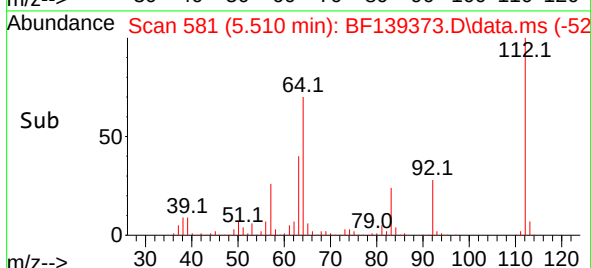
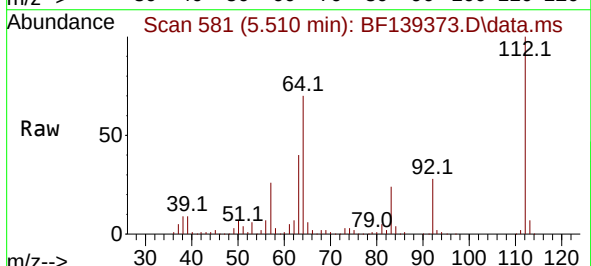


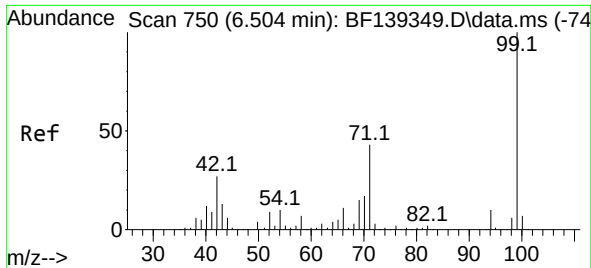
Tgt Ion:152 Resp: 61662
Ion Ratio Lower Upper
152 100
150 159.2 124.1 186.1
115 63.1 48.1 72.1



#5
2-Fluorophenol
Concen: 132.837 ng
RT: 5.510 min Scan# 581
Delta R.T. 0.017 min
Lab File: BF139373.D
Acq: 14 Sep 2024 17:36

Tgt Ion:112 Resp: 502099
Ion Ratio Lower Upper
112 100
64 69.7 54.8 82.2
63 40.5 33.0 49.4

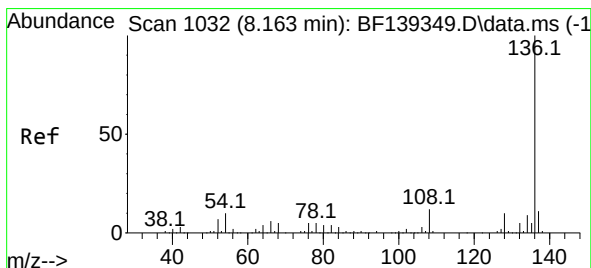
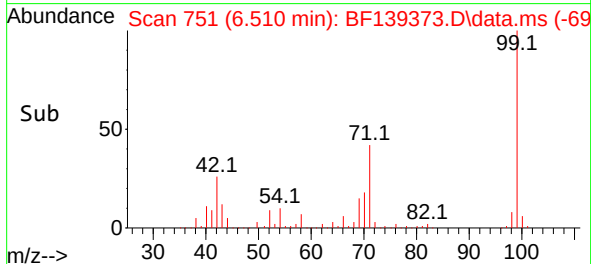
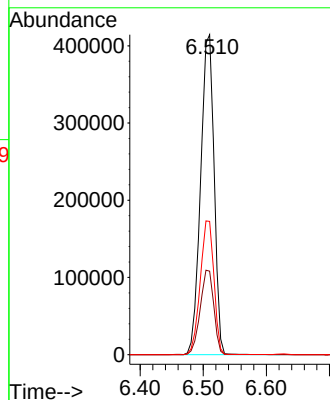
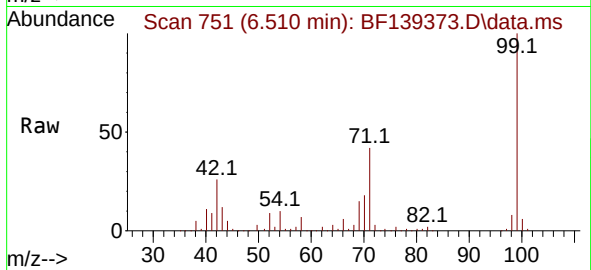




#7
Phenol-d6
Concen: 124.073 ng
RT: 6.510 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF139373.D
Acq: 14 Sep 2024 17:36

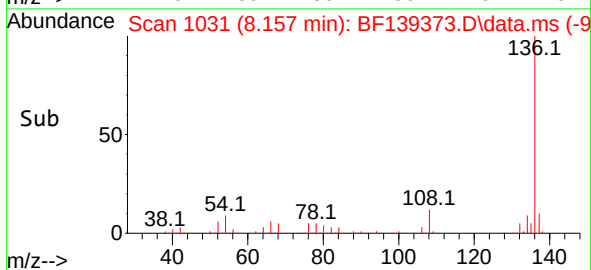
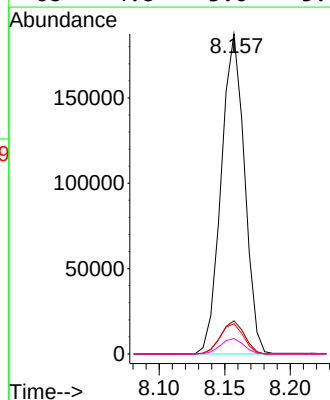
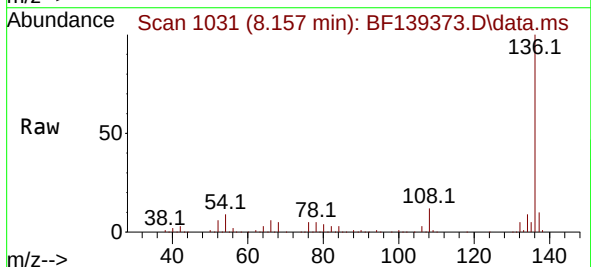
Instrument :
BNA_F
ClientSampleId :
RW-2

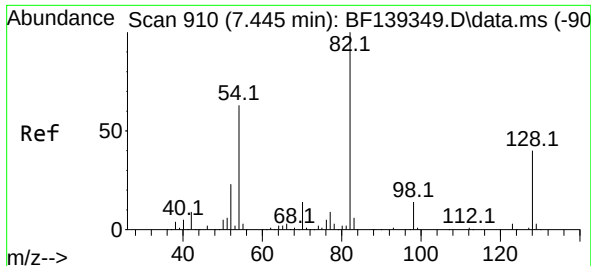
Tgt Ion: 99 Resp: 615560
Ion Ratio Lower Upper
99 100
42 26.1 21.9 32.9
71 41.7 34.6 52.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF139373.D
Acq: 14 Sep 2024 17:36

Tgt Ion: 136 Resp: 231525
Ion Ratio Lower Upper
136 100
137 10.3 8.6 12.8
54 9.5 7.8 11.8
68 4.8 3.6 5.4





#23

Nitrobenzene-d5

Concen: 93.076 ng

RT: 7.439 min Scan# 90

Delta R.T. -0.006 min

Lab File: BF139373.D

Acq: 14 Sep 2024 17:36

Instrument :

BNA_F

ClientSampleId :

RW-2

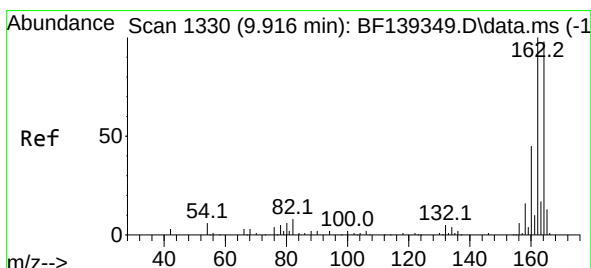
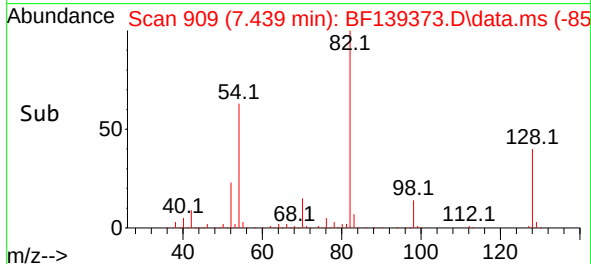
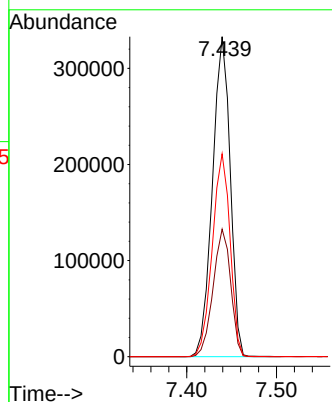
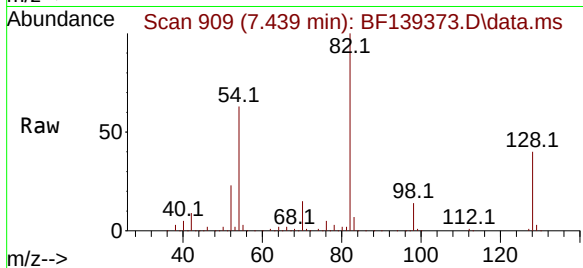
Tgt Ion: 82 Resp: 458385

Ion Ratio Lower Upper

82 100

128 39.8 31.8 47.6

54 63.4 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: BF139373.D

Acq: 14 Sep 2024 17:36

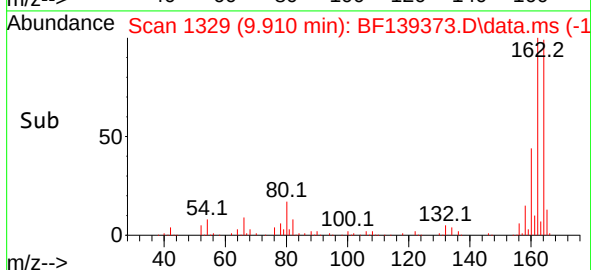
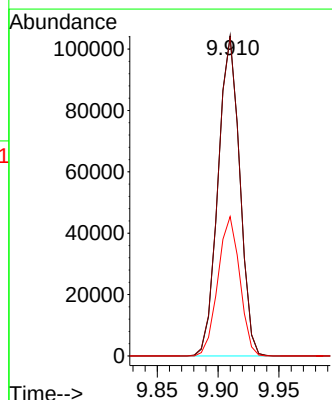
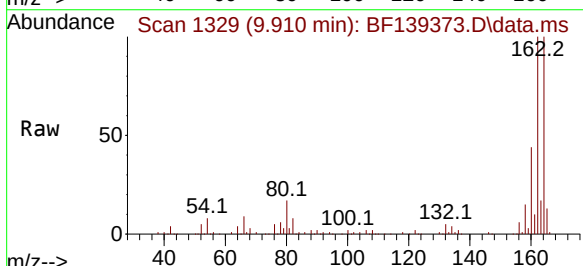
Tgt Ion:164 Resp: 128801

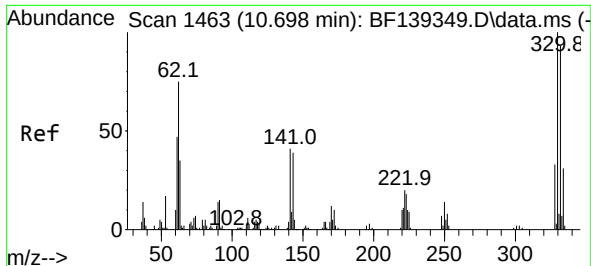
Ion Ratio Lower Upper

164 100

162 99.6 81.3 121.9

160 43.6 36.4 54.6





#42

2,4,6-Tribromophenol

Concen: 138.808 ng

RT: 10.698 min Scan# 1463

Delta R.T. -0.000 min

Lab File: BF139373.D

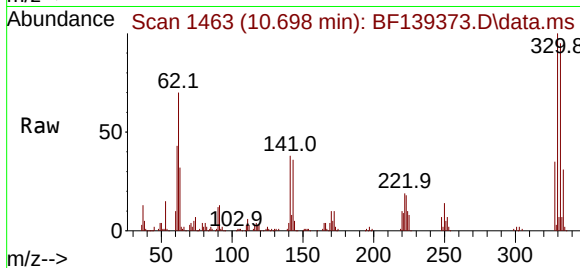
Acq: 14 Sep 2024 17:36

Instrument :

BNA_F

ClientSampleId :

RW-2



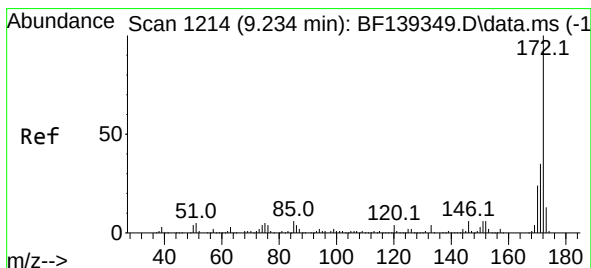
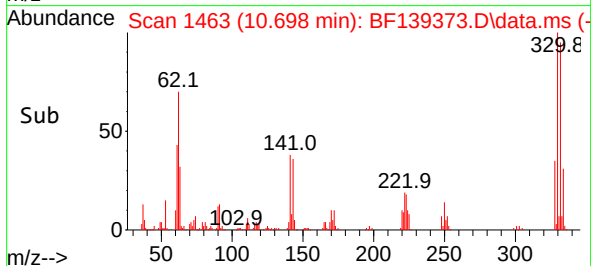
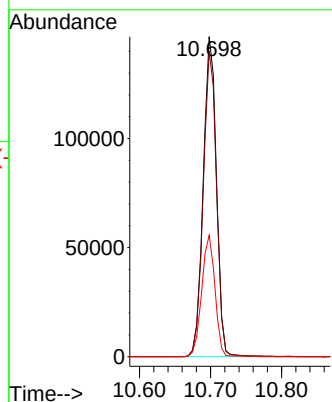
Tgt Ion:330 Resp: 190339

Ion Ratio Lower Upper

330 100

332 95.7 75.2 112.8

141 38.0 31.2 46.8



#45

2-Fluorobiphenyl

Concen: 90.962 ng

RT: 9.233 min Scan# 1214

Delta R.T. -0.000 min

Lab File: BF139373.D

Acq: 14 Sep 2024 17:36

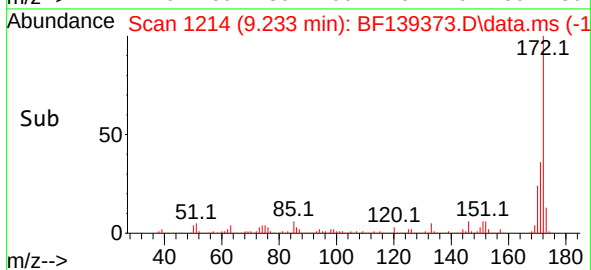
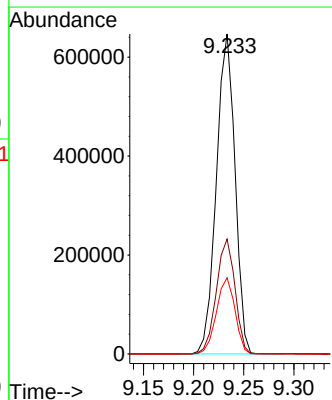
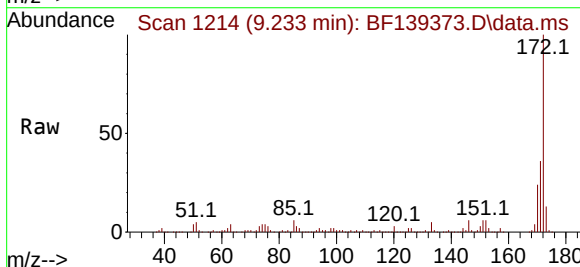
Tgt Ion:172 Resp: 835354

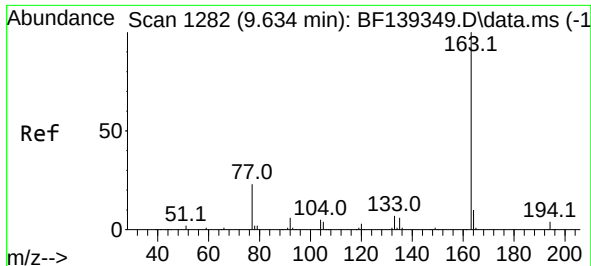
Ion Ratio Lower Upper

172 100

171 35.9 28.3 42.5

170 23.8 19.0 28.6

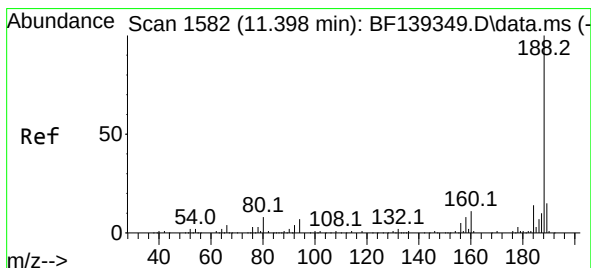
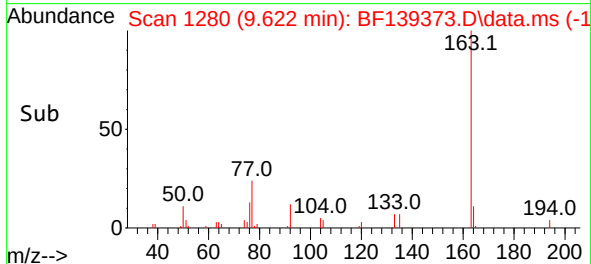
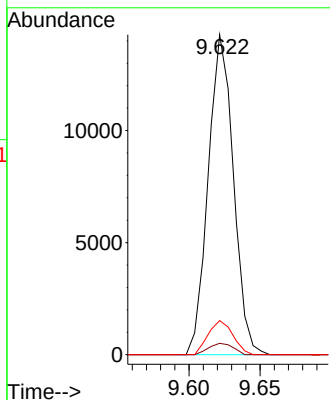
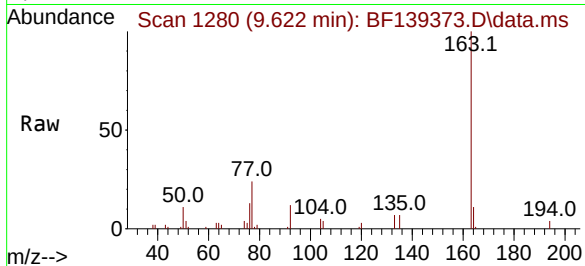




#50
Dimethylphthalate
Concen: 2.083 ng
RT: 9.622 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF139373.D
Acq: 14 Sep 2024 17:36

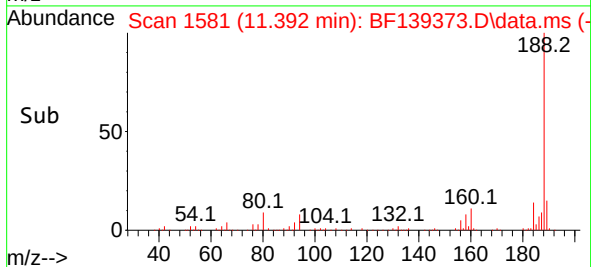
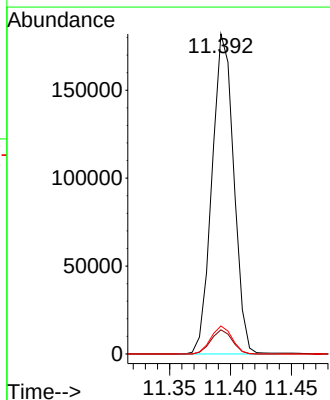
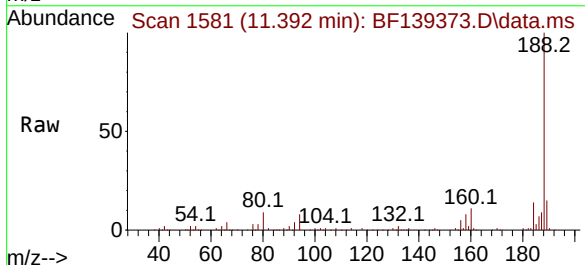
Instrument :
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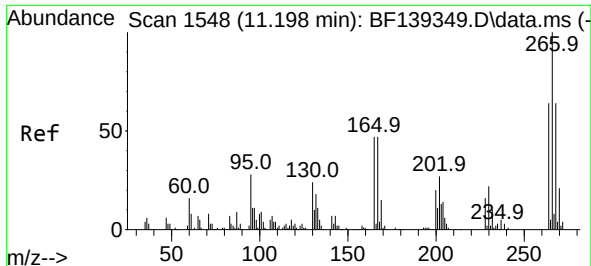
Tgt Ion:163 Resp: 17613
Ion Ratio Lower Upper
163 100
194 3.6 3.1 4.7
164 10.6 8.2 12.2



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.392 min Scan# 1581
Delta R.T. -0.006 min
Lab File: BF139373.D
Acq: 14 Sep 2024 17:36

Tgt Ion:188 Resp: 227293
Ion Ratio Lower Upper
188 100
94 7.5 5.5 8.3
80 8.8 6.6 9.8

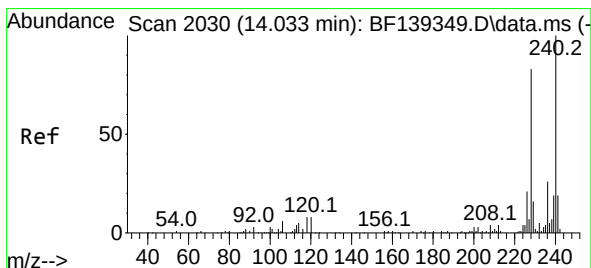
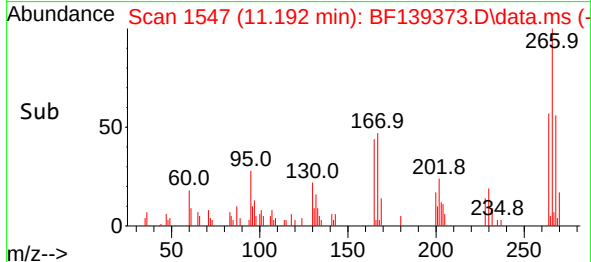
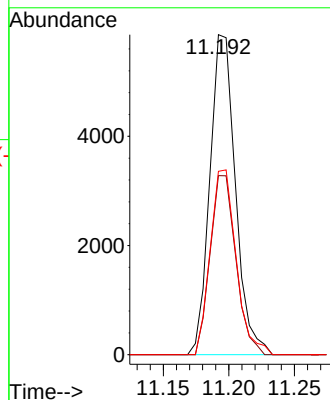
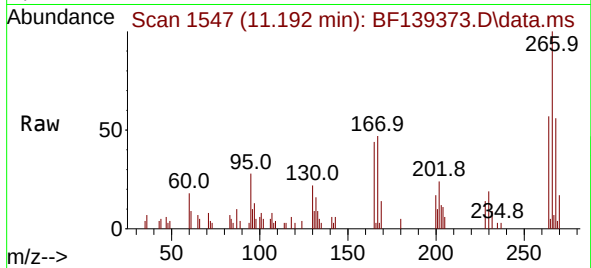




#70
 Pentachlorophenol
 Concen: 5.025 ng
 RT: 11.192 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF139373.D
 Acq: 14 Sep 2024 17:36

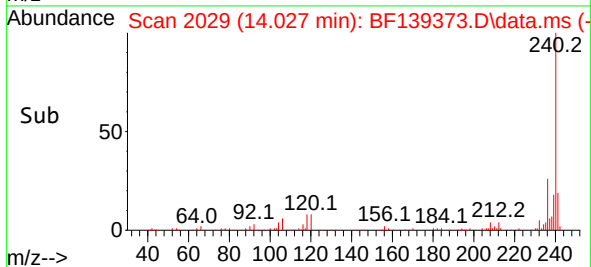
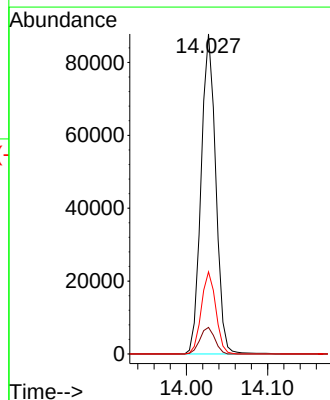
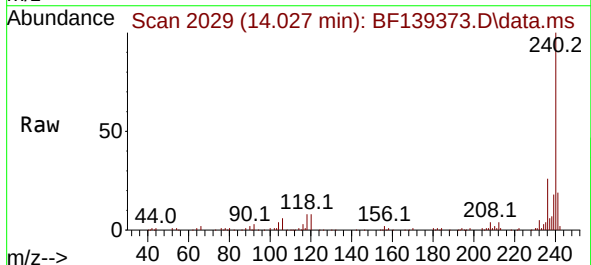
Instrument :
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 RW-2

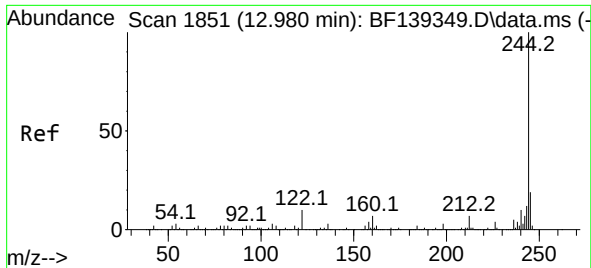
Tgt Ion:266 Resp: 7970
 Ion Ratio Lower Upper
 266 100
 268 55.9 51.1 76.7
 264 57.3 51.4 77.0



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.027 min Scan# 2029
 Delta R.T. -0.006 min
 Lab File: BF139373.D
 Acq: 14 Sep 2024 17:36

Tgt Ion:240 Resp: 110136
 Ion Ratio Lower Upper
 240 100
 120 8.3 6.2 9.2
 236 25.6 20.9 31.3

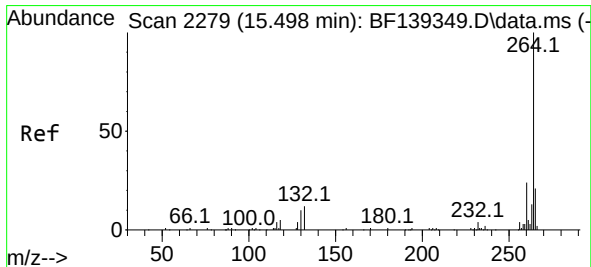
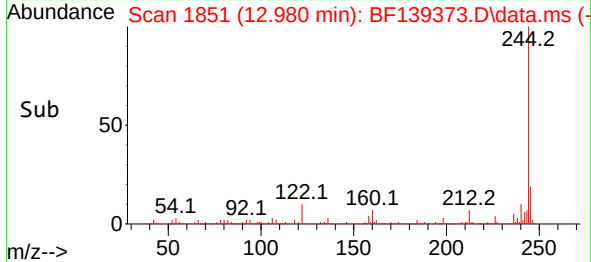
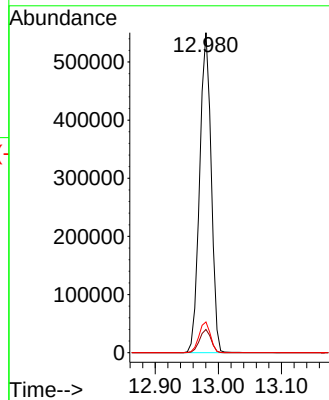
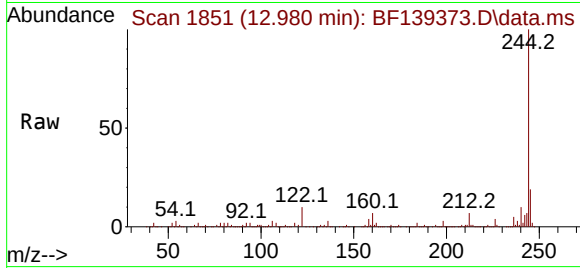




#79
 Terphenyl-d14
 Concen: 103.865 ng
 RT: 12.980 min Scan# 1851
 Delta R.T. -0.000 min
 Lab File: BF139373.D
 Acq: 14 Sep 2024 17:36

Instrument :
 BNA_F
 ClientSampleId :
 RW-2

Tgt Ion:244 Resp: 696924
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.0 9.0
 122 9.6 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: BF139373.D
 Acq: 14 Sep 2024 17:36

Tgt Ion:264 Resp: 113283
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.5 29.3
 265 21.1 16.6 25.0

