

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121124\
 Data File : BF140831.D
 Acq On : 11 Dec 2024 16:08
 Operator : RC/JU
 Sample : P5239-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-1

Quant Time: Dec 11 17:38:39 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 21 15:23:48 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.857	152	61966	20.000	ng	-0.02
21) Naphthalene-d8	8.139	136	237246	20.000	ng	-0.02
39) Acenaphthene-d10	9.898	164	131219	20.000	ng	-0.02
64) Phenanthrene-d10	11.392	188	248446	20.000	ng	-0.01
76) Chrysene-d12	14.051	240	134255	20.000	ng	0.00
86) Perylene-d12	15.562	264	131741	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	332719	91.613	ng	0.00
7) Phenol-d6	6.510	99	450937	93.920	ng	0.00
23) Nitrobenzene-d5	7.422	82	281029	60.590	ng	-0.02
42) 2,4,6-Tribromophenol	10.692	330	139416	99.342	ng	-0.01
45) 2-Fluorobiphenyl	9.216	172	550174	62.470	ng	-0.02
79) Terphenyl-d14	12.974	244	525050	60.897	ng	-0.02

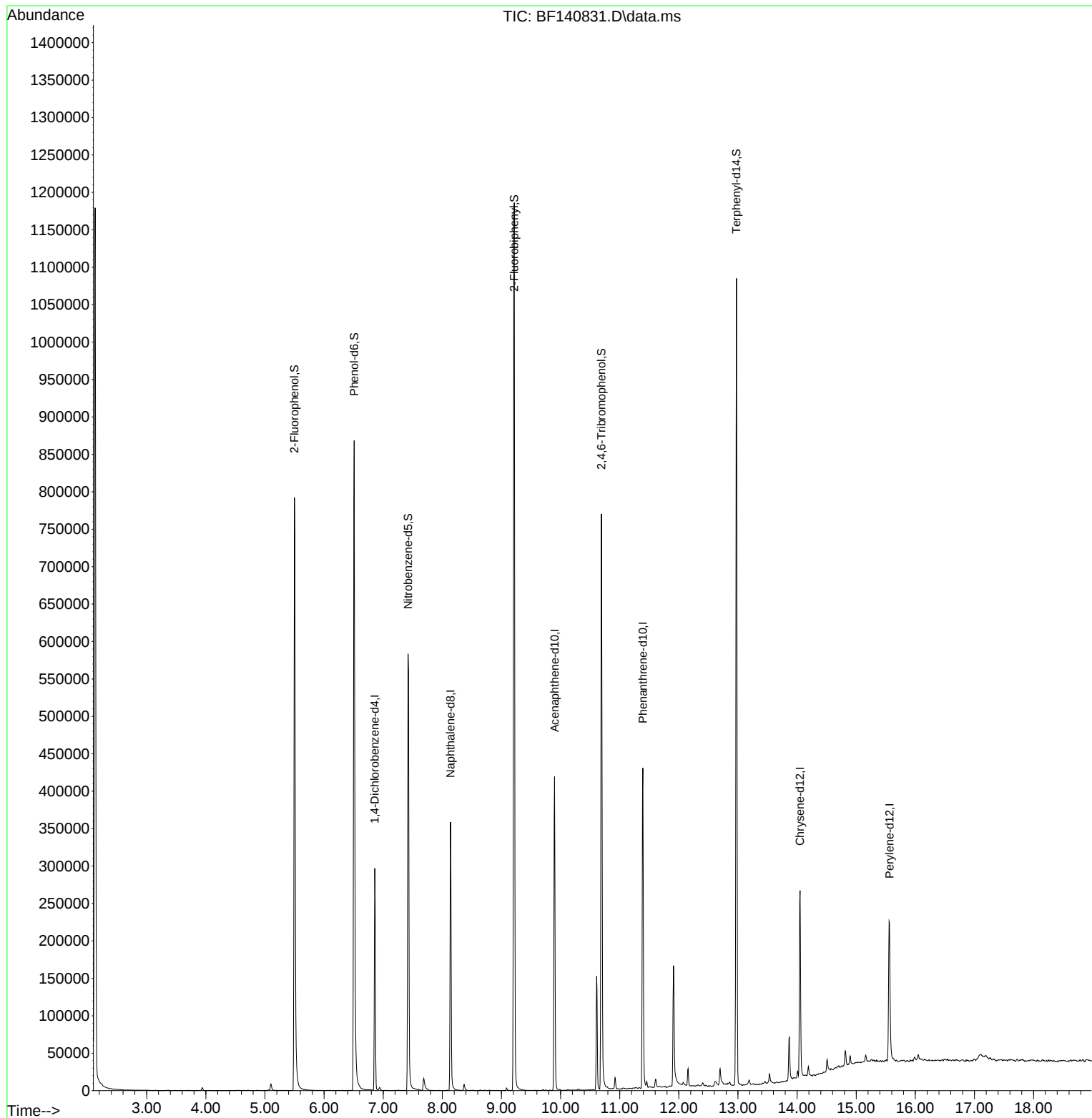
Target Compounds	Qvalue

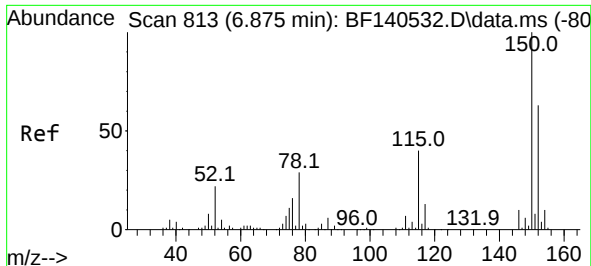
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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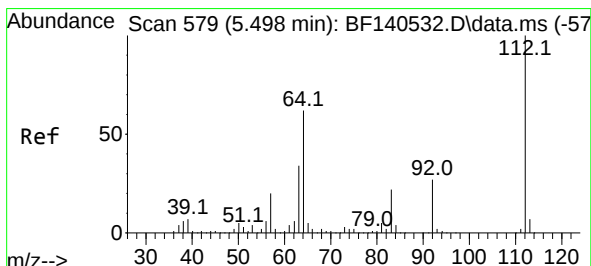
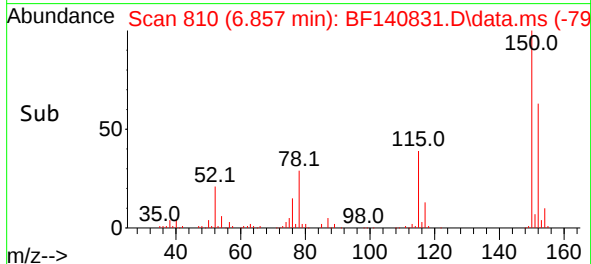
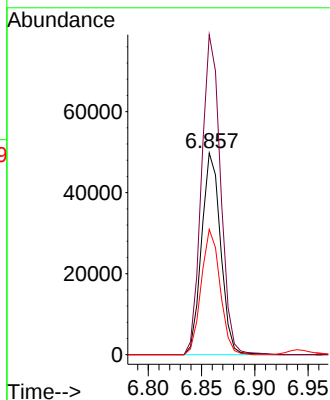
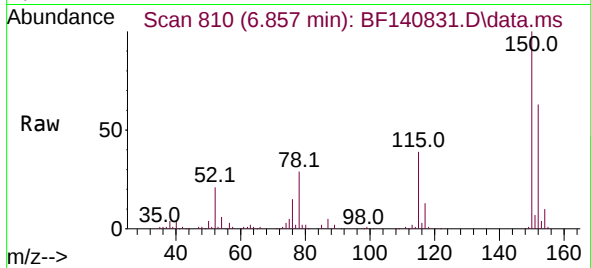




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.857 min Scan# 813
Delta R.T. -0.018 min
Lab File: BF140831.D
Acq: 11 Dec 2024 16:08

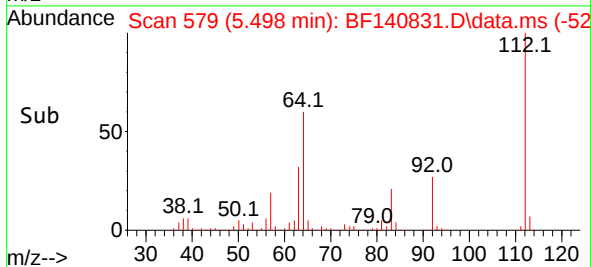
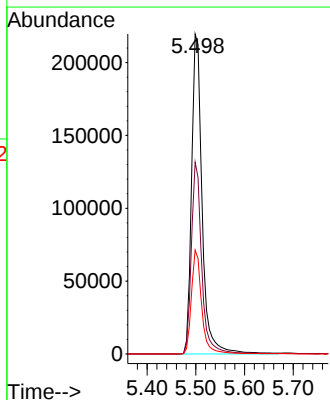
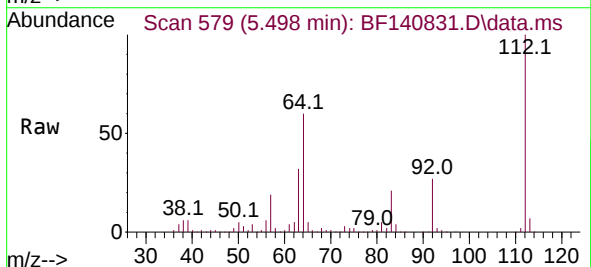
Instrument :
BNA_F
ClientSampleId :
WC-1

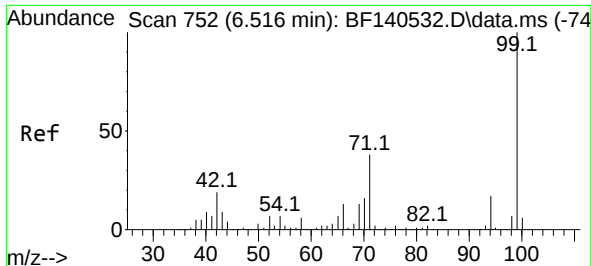
Tgt Ion:152 Resp: 61966
Ion Ratio Lower Upper
152 100
150 158.5 128.5 192.7
115 62.1 50.2 75.4



#5
2-Fluorophenol
Concen: 91.613 ng
RT: 5.498 min Scan# 579
Delta R.T. 0.000 min
Lab File: BF140831.D
Acq: 11 Dec 2024 16:08

Tgt Ion:112 Resp: 332719
Ion Ratio Lower Upper
112 100
64 60.0 49.2 73.8
63 32.4 27.0 40.4

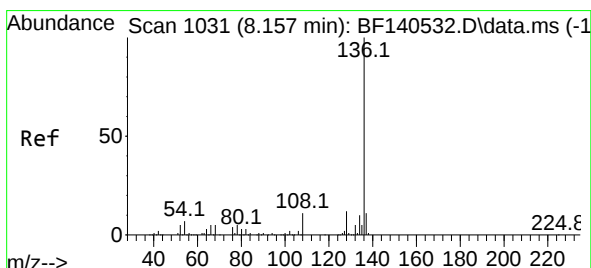
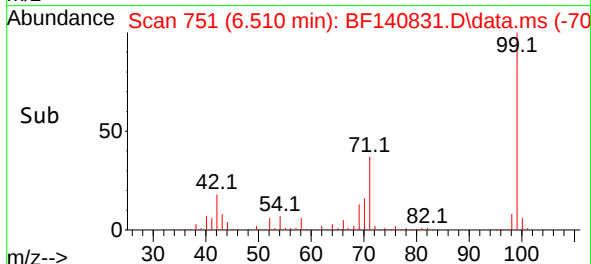
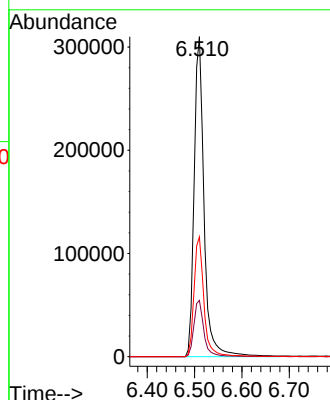
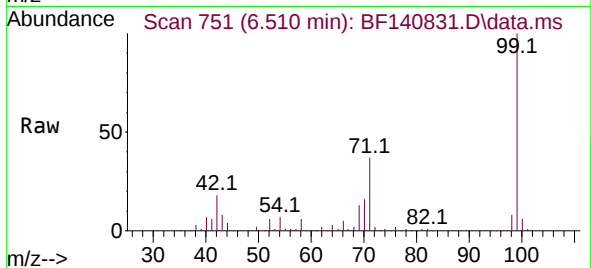




#7
Phenol-d6
Concen: 93.920 ng
RT: 6.510 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF140831.D
Acq: 11 Dec 2024 16:08

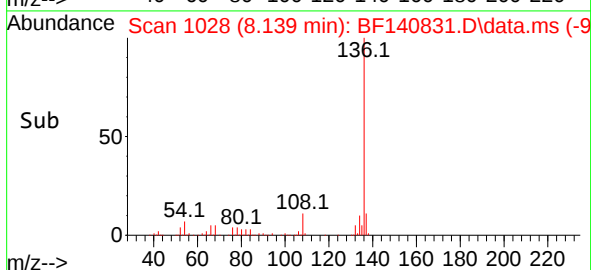
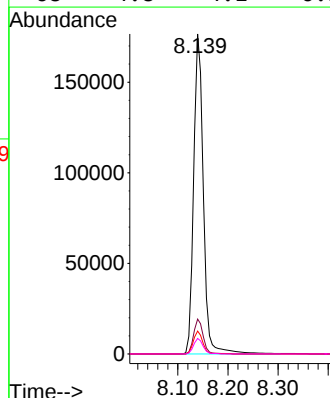
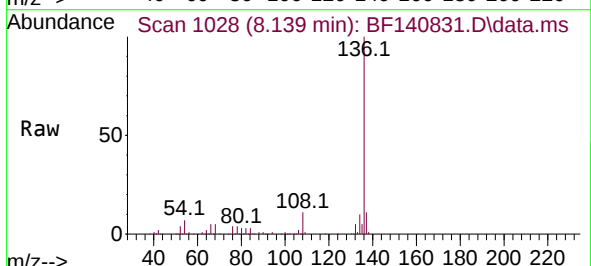
Instrument :
BNA_F
ClientSampleId :
WC-1

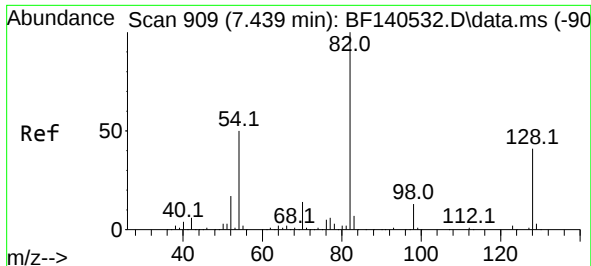
Tgt Ion: 99 Resp: 450937
Ion Ratio Lower Upper
99 100
42 17.6 15.4 23.0
71 37.4 30.6 46.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.139 min Scan# 1028
Delta R.T. -0.018 min
Lab File: BF140831.D
Acq: 11 Dec 2024 16:08

Tgt Ion: 136 Resp: 237246
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 7.2 5.8 8.8
68 4.8 4.1 6.1





#23

Nitrobenzene-d5

Concen: 60.590 ng

RT: 7.422 min Scan# 909

Delta R.T. -0.018 min

Lab File: BF140831.D

Acq: 11 Dec 2024 16:08

Instrument :

BNA_F

ClientSampleId :

WC-1

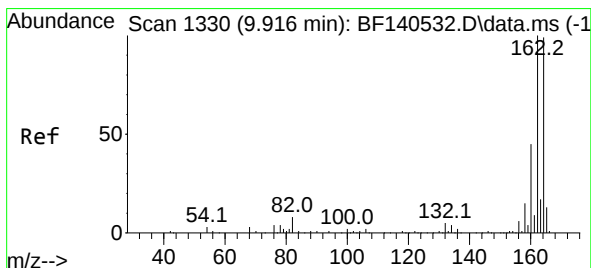
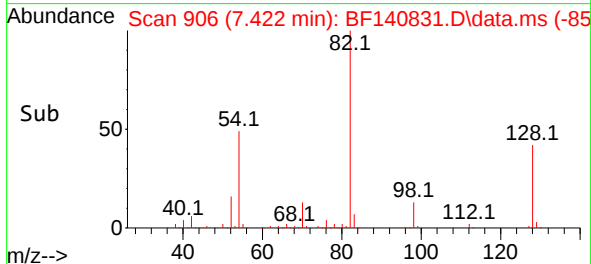
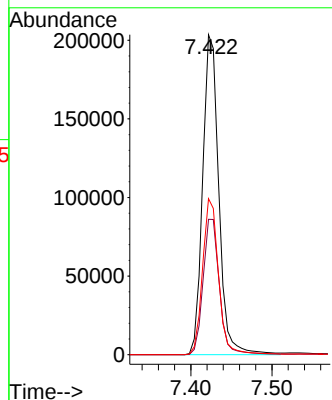
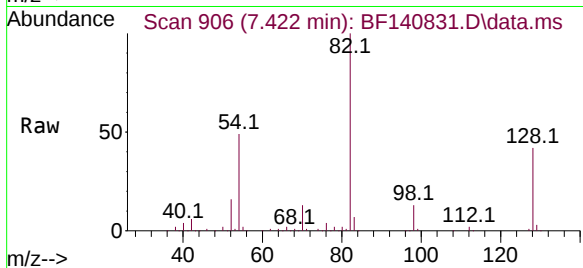
Tgt Ion: 82 Resp: 281029

Ion Ratio Lower Upper

82 100

128 42.3 33.0 49.4

54 48.8 39.5 59.3



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.898 min Scan# 1327

Delta R.T. -0.018 min

Lab File: BF140831.D

Acq: 11 Dec 2024 16:08

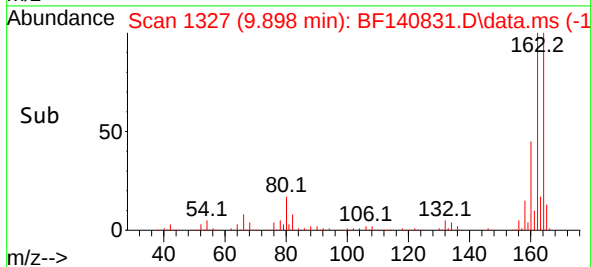
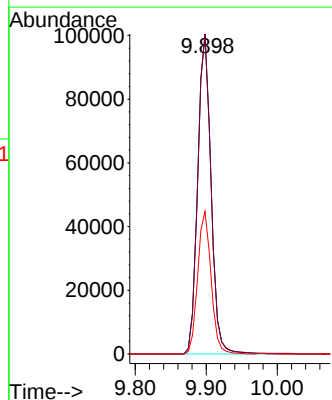
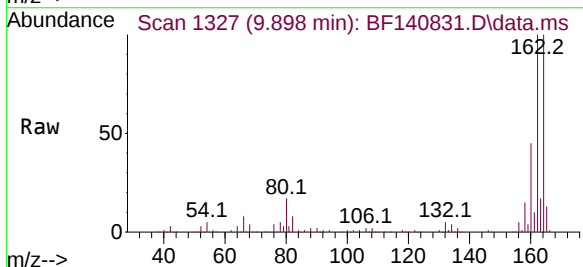
Tgt Ion:164 Resp: 131219

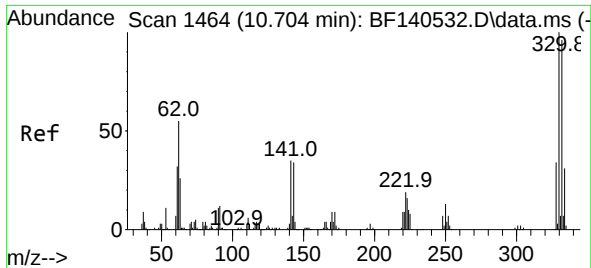
Ion Ratio Lower Upper

164 100

162 100.4 80.6 120.8

160 44.8 36.2 54.4

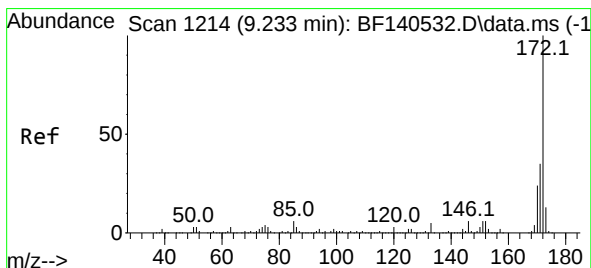
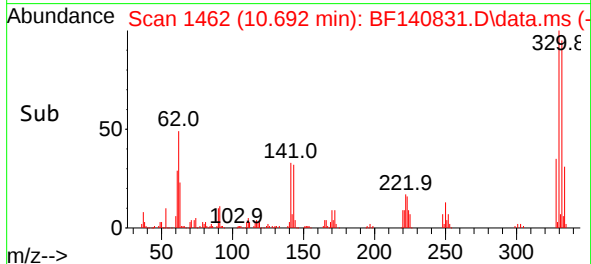
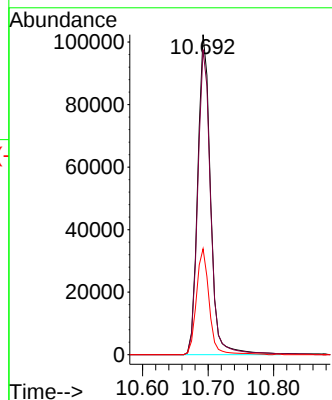
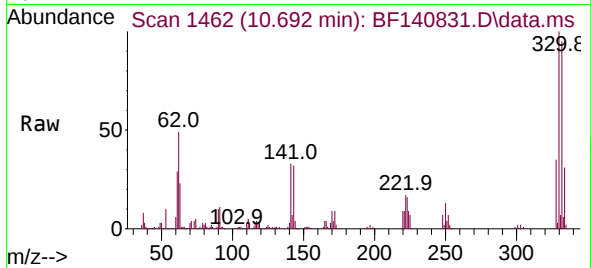




#42
2,4,6-Tribromophenol
Concen: 99.342 ng
RT: 10.692 min Scan# 1462
Delta R.T. -0.012 min
Lab File: BF140831.D
Acq: 11 Dec 2024 16:08

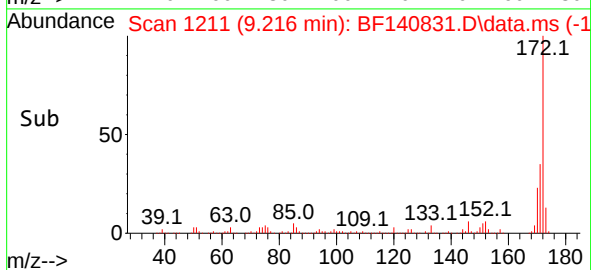
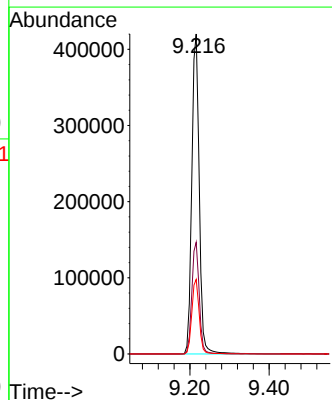
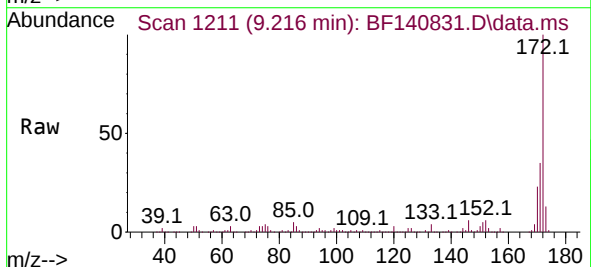
Instrument :
BNA_F
ClientSampleId :
WC-1

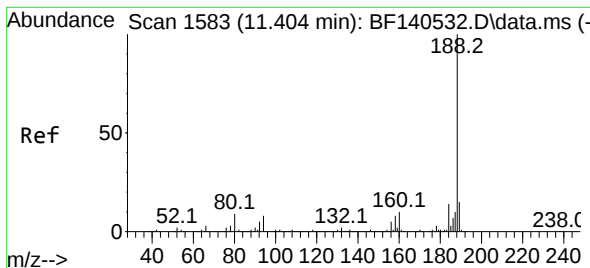
Tgt Ion:330 Resp: 139416
Ion Ratio Lower Upper
330 100
332 96.2 76.9 115.3
141 33.0 26.7 40.1



#45
2-Fluorobiphenyl
Concen: 62.470 ng
RT: 9.216 min Scan# 1211
Delta R.T. -0.018 min
Lab File: BF140831.D
Acq: 11 Dec 2024 16:08

Tgt Ion:172 Resp: 550174
Ion Ratio Lower Upper
172 100
171 34.9 28.4 42.6
170 23.3 19.0 28.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.392 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF140831.D

Acq: 11 Dec 2024 16:08

Instrument :

BNA_F

ClientSampleId :

WC-1

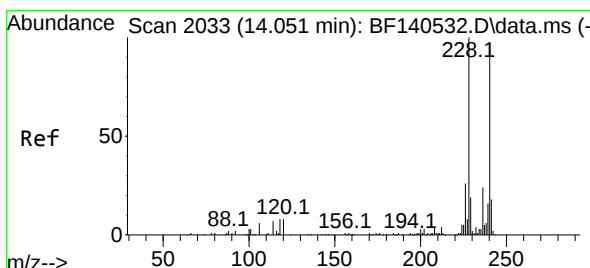
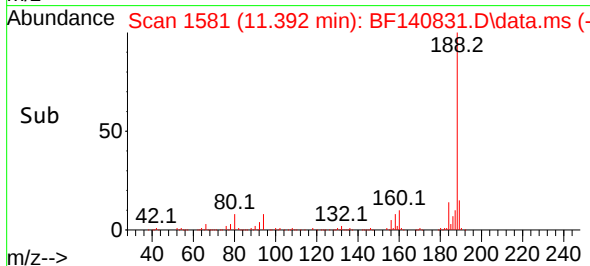
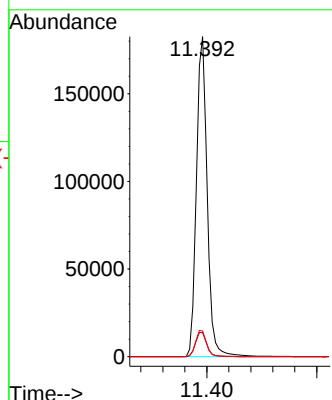
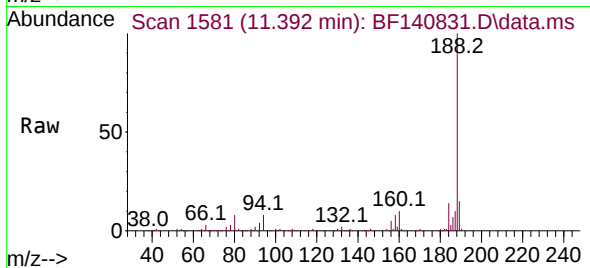
Tgt Ion:188 Resp: 248446

Ion Ratio Lower Upper

188 100

94 7.5 6.4 9.6

80 8.1 6.9 10.3



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.051 min Scan# 2033

Delta R.T. 0.000 min

Lab File: BF140831.D

Acq: 11 Dec 2024 16:08

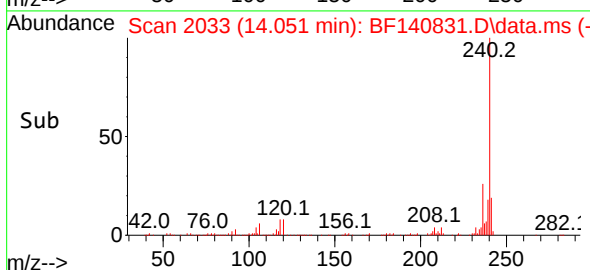
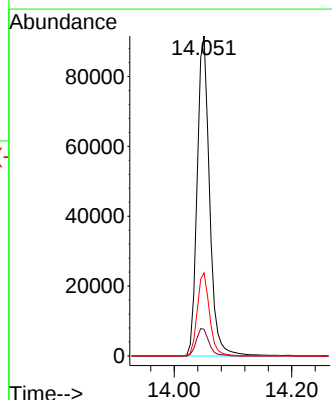
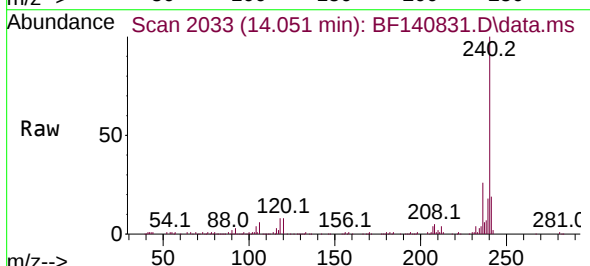
Tgt Ion:240 Resp: 134255

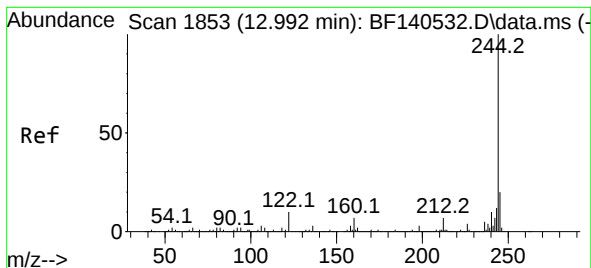
Ion Ratio Lower Upper

240 100

120 8.4 7.3 10.9

236 25.9 20.6 31.0





#79

Terphenyl-d14

Concen: 60.897 ng

RT: 12.974 min Scan# 1850

Delta R.T. -0.018 min

Lab File: BF140831.D

Acq: 11 Dec 2024 16:08

Instrument :

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ClientSampleId :

WC-1

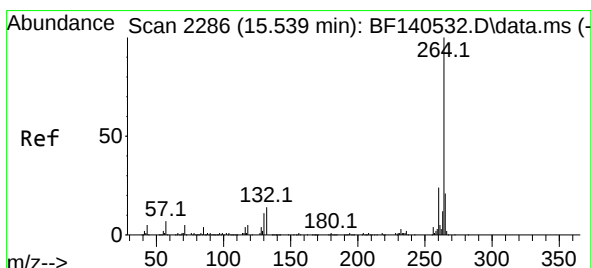
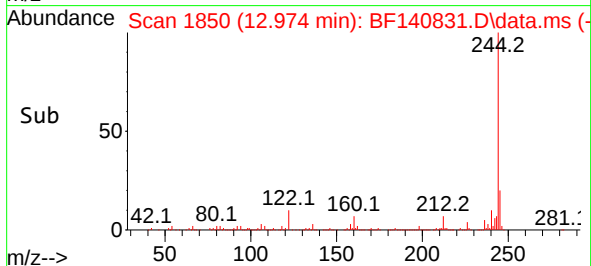
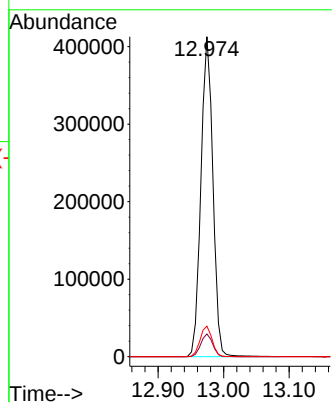
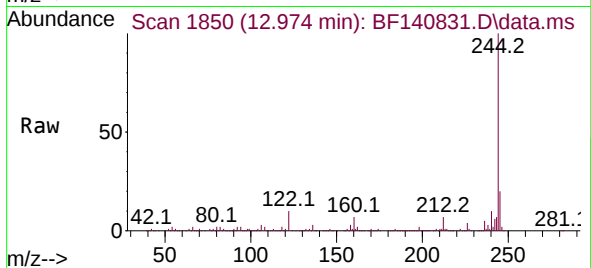
Tgt Ion:244 Resp: 525050

Ion Ratio Lower Upper

244 100

212 7.1 5.8 8.8

122 9.5 8.0 12.0



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.562 min Scan# 2290

Delta R.T. 0.024 min

Lab File: BF140831.D

Acq: 11 Dec 2024 16:08

Tgt Ion:264 Resp: 131741

Ion Ratio Lower Upper

264 100

260 23.9 19.0 28.6

265 20.8 16.6 25.0

