

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112624\
 Data File : BF140643.D
 Acq On : 26 Nov 2024 15:48
 Operator : RC/JU
 Sample : P4985-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MH-756-WC

Quant Time: Nov 26 16:33:54 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	6.869	152	61737	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	223465	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	118471	20.000	ng	-0.01
64) Phenanthrene-d10	11.398	188	203969	20.000	ng	0.00
76) Chrysene-d12	14.045	240	137103	20.000	ng	0.00
86) Perylene-d12	15.545	264	110754	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.499	112	380364	105.120	ng	0.00
7) Phenol-d6	6.504	99	493814	103.231	ng	-0.01
23) Nitrobenzene-d5	7.428	82	313761	71.819	ng	-0.01
42) 2,4,6-Tribromophenol	10.698	330	124648	98.376	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	570917	71.801	ng	-0.01
79) Terphenyl-d14	12.980	244	479836	54.497	ng	-0.01

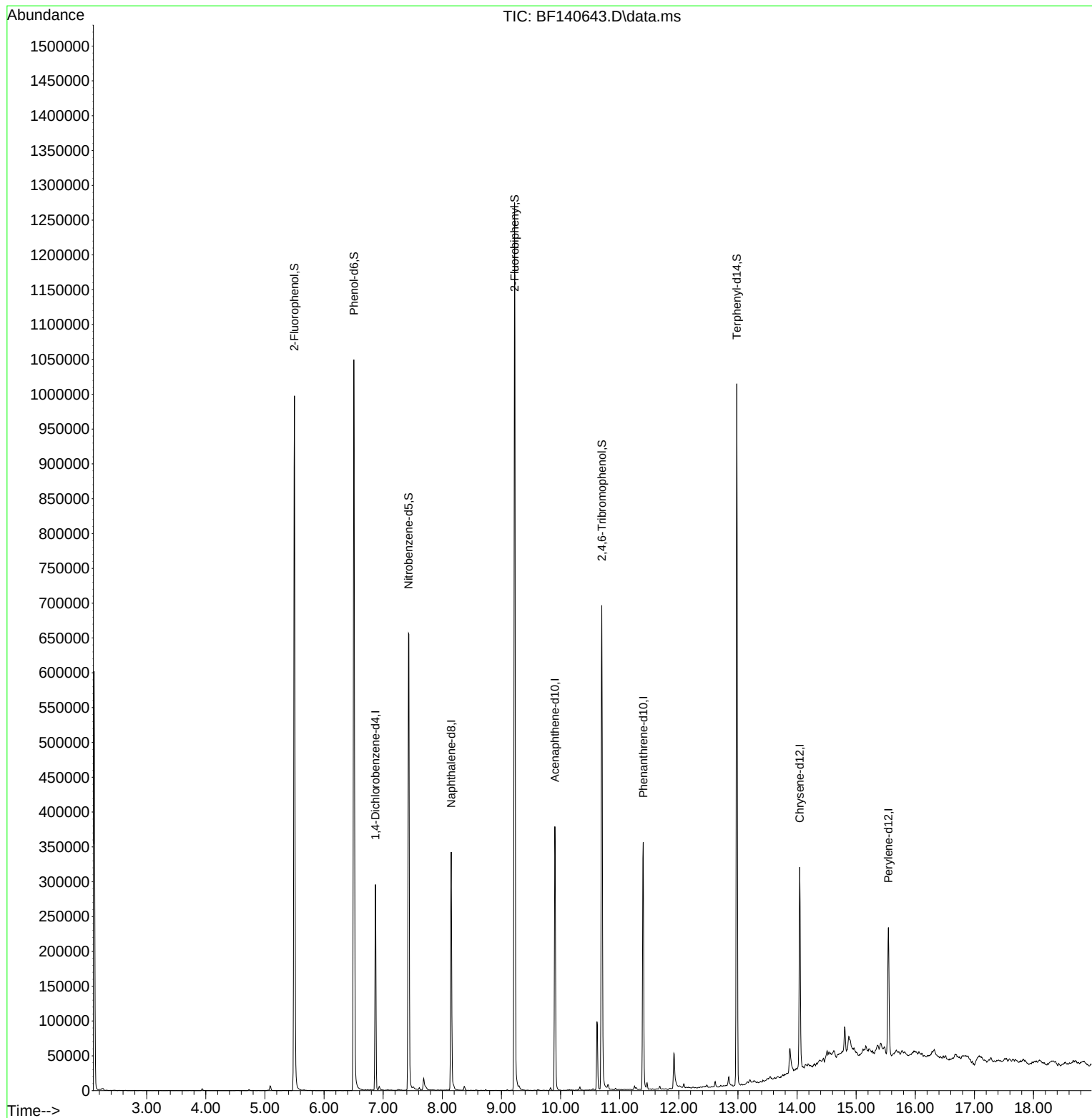
Target Compounds	Qvalue

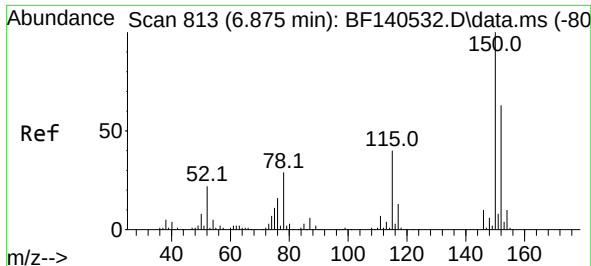
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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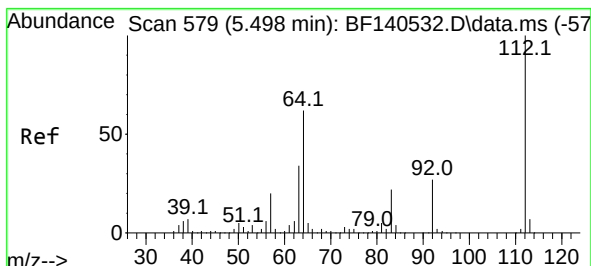
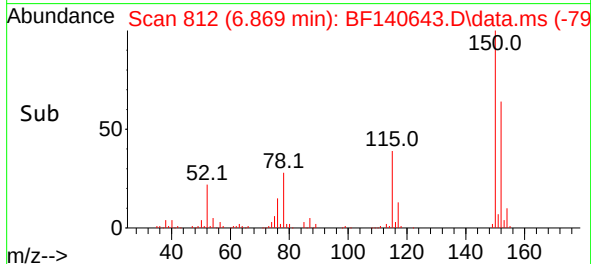
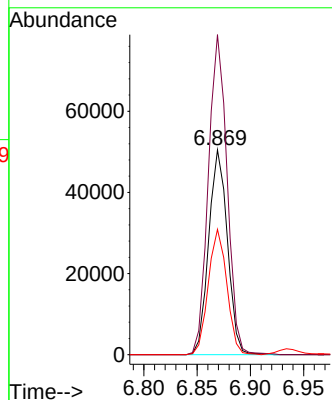
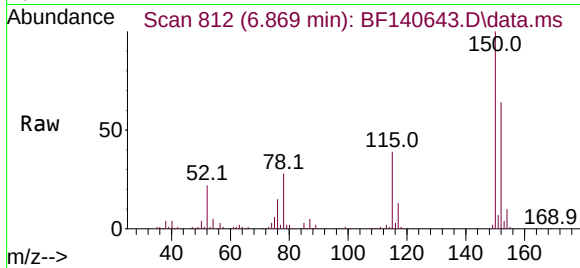




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 813
Delta R.T. -0.006 min
Lab File: BF140643.D
Acq: 26 Nov 2024 15:48

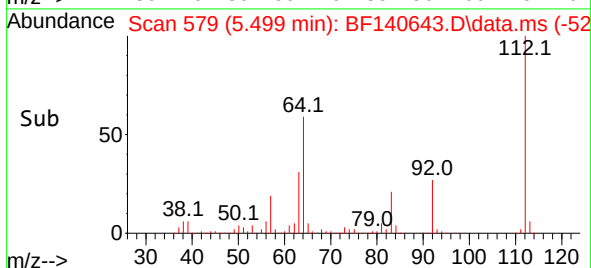
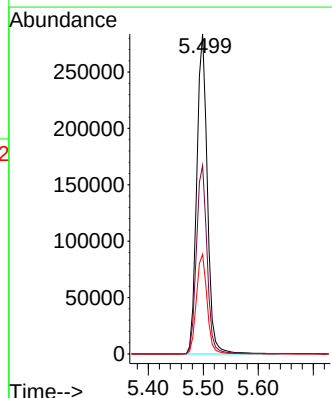
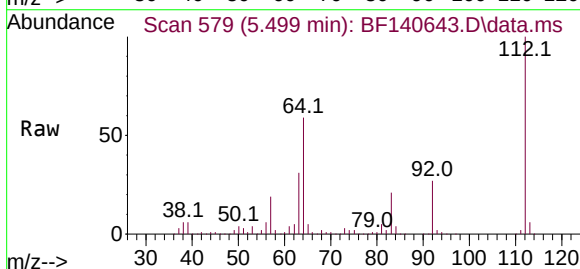
Instrument :
BNA_F
ClientSampleId :
MH-756-WC

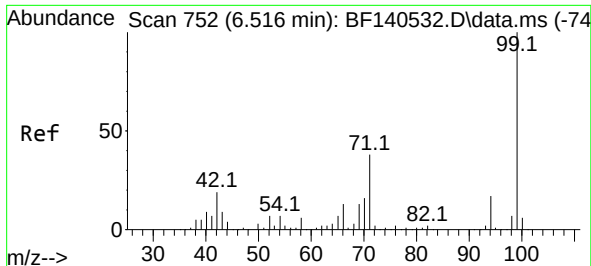
Tgt Ion:152 Resp: 61737
Ion Ratio Lower Upper
152 100
150 156.2 128.5 192.7
115 61.2 50.2 75.4



#5
2-Fluorophenol
Concen: 105.120 ng
RT: 5.499 min Scan# 579
Delta R.T. 0.000 min
Lab File: BF140643.D
Acq: 26 Nov 2024 15:48

Tgt Ion:112 Resp: 380364
Ion Ratio Lower Upper
112 100
64 58.9 49.2 73.8
63 31.1 27.0 40.4

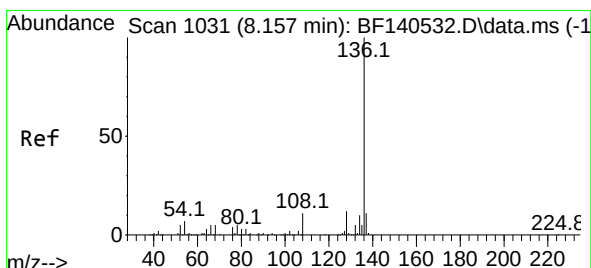
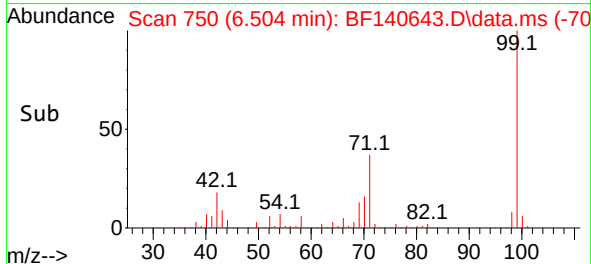
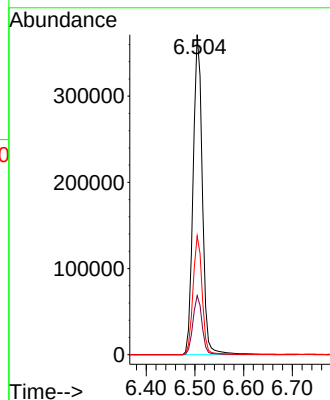
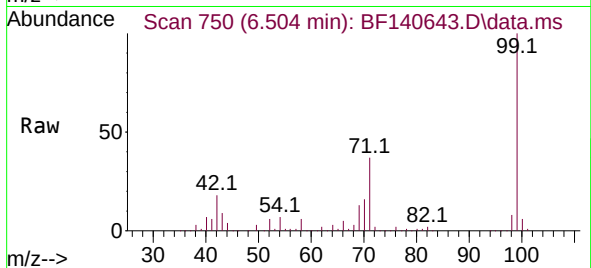




#7
Phenol-d6
Concen: 103.231 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF140643.D
Acq: 26 Nov 2024 15:48

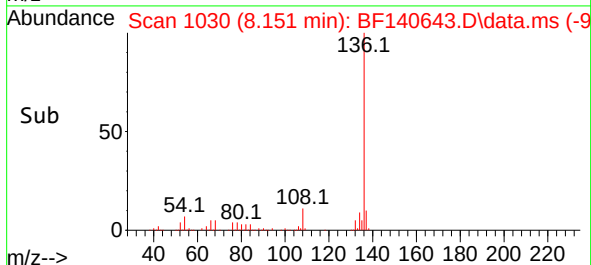
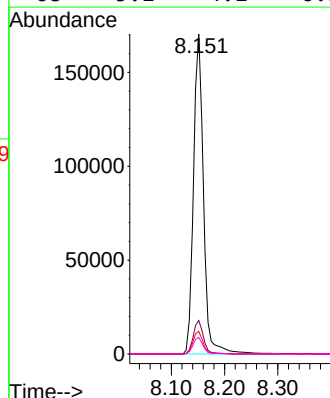
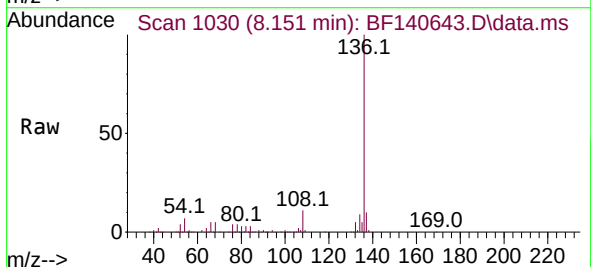
Instrument :
BNA_F
ClientSampleId :
MH-756-WC

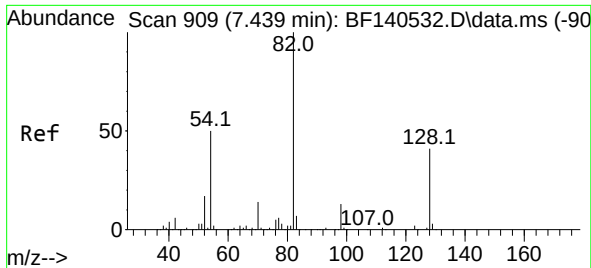
Tgt Ion: 99 Resp: 493814
Ion Ratio Lower Upper
99 100
42 18.4 15.4 23.0
71 37.2 30.6 46.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BF140643.D
Acq: 26 Nov 2024 15:48

Tgt Ion: 136 Resp: 223465
Ion Ratio Lower Upper
136 100
137 10.5 8.6 13.0
54 7.0 5.8 8.8
68 5.1 4.1 6.1

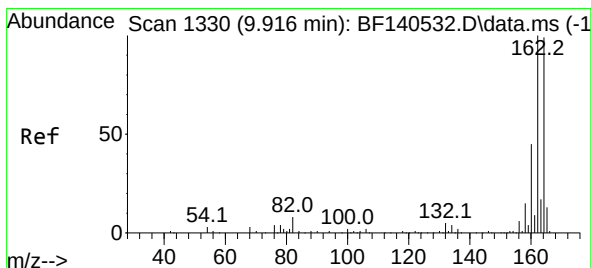
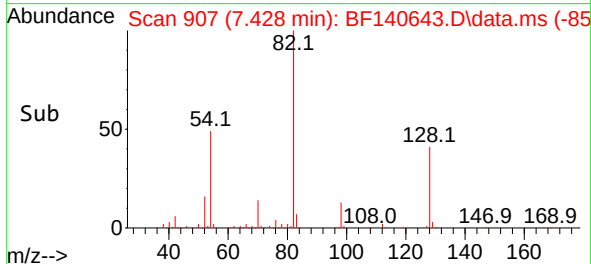
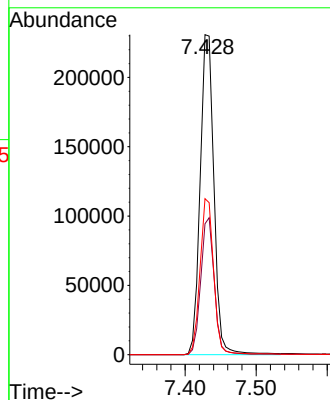
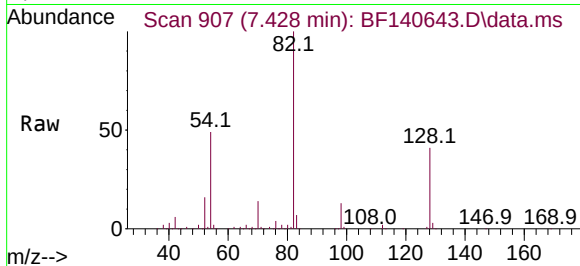




#23
Nitrobenzene-d5
Concen: 71.819 ng
RT: 7.428 min Scan# 909
Delta R.T. -0.012 min
Lab File: BF140643.D
Acq: 26 Nov 2024 15:48

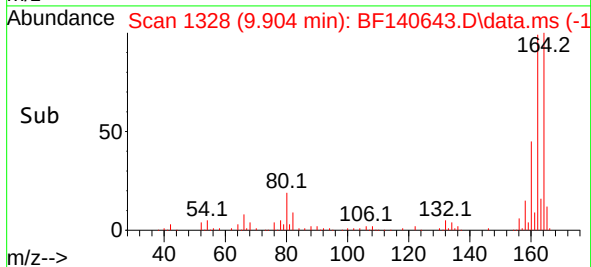
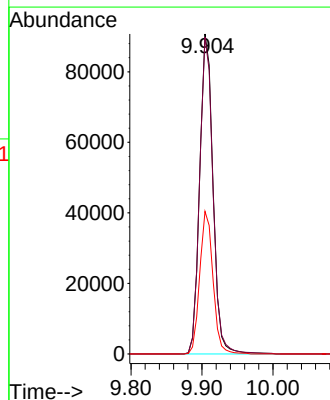
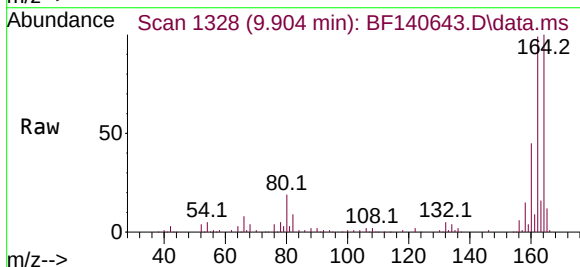
Instrument :
BNA_F
ClientSampleId :
MH-756-WC

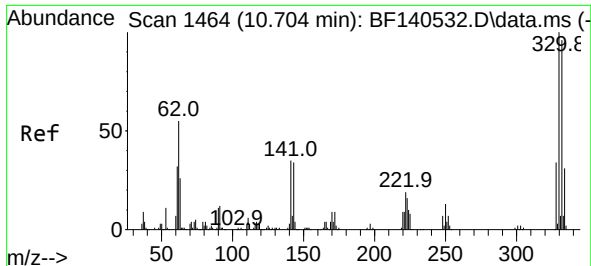
Tgt Ion: 82 Resp: 313761
Ion Ratio Lower Upper
82 100
128 40.9 33.0 49.4
54 48.8 39.5 59.3



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 1328
Delta R.T. -0.012 min
Lab File: BF140643.D
Acq: 26 Nov 2024 15:48

Tgt Ion: 164 Resp: 118471
Ion Ratio Lower Upper
164 100
162 99.0 80.6 120.8
160 44.6 36.2 54.4





#42

2,4,6-Tribromophenol

Concen: 98.376 ng

RT: 10.698 min Scan# 1463

Delta R.T. -0.006 min

Lab File: BF140643.D

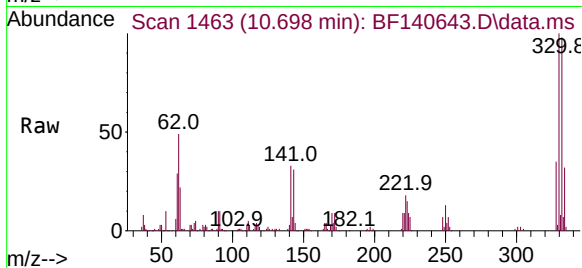
Acq: 26 Nov 2024 15:48

Instrument :

BNA_F

ClientSampleId :

MH-756-WC



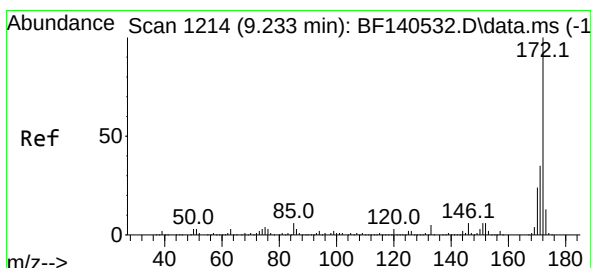
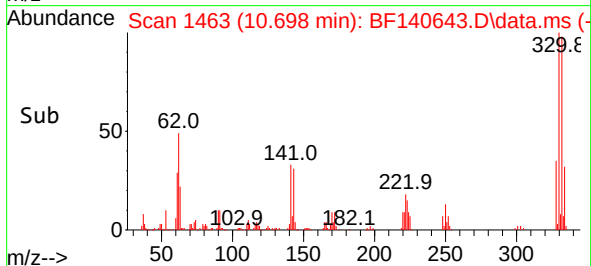
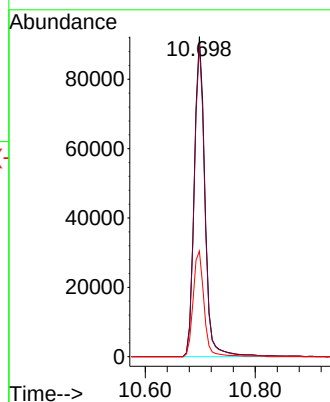
Tgt Ion:330 Resp: 124648

Ion Ratio Lower Upper

330 100

332 97.2 76.9 115.3

141 33.6 26.7 40.1



#45

2-Fluorobiphenyl

Concen: 71.801 ng

RT: 9.222 min Scan# 1212

Delta R.T. -0.012 min

Lab File: BF140643.D

Acq: 26 Nov 2024 15:48

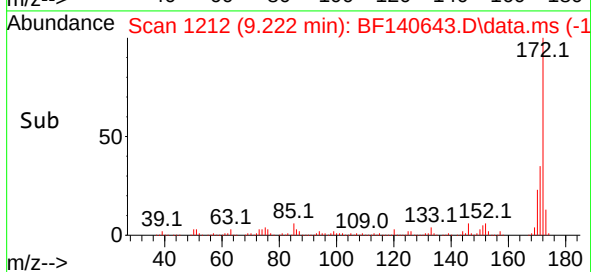
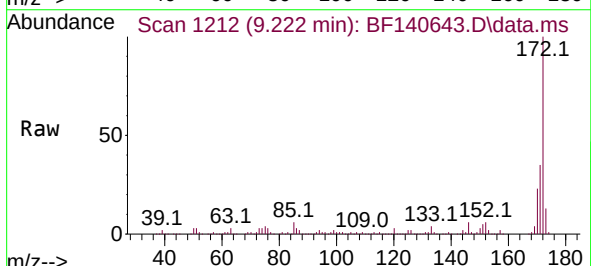
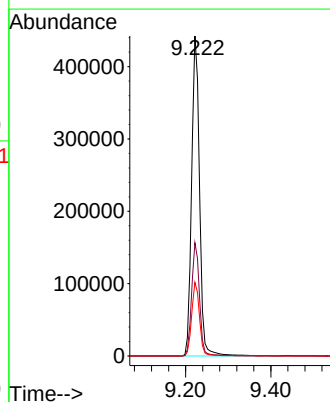
Tgt Ion:172 Resp: 570917

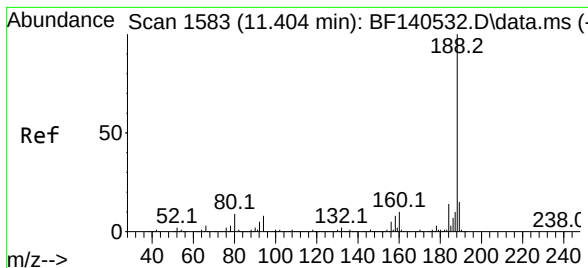
Ion Ratio Lower Upper

172 100

171 35.4 28.4 42.6

170 23.0 19.0 28.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.398 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF140643.D

Acq: 26 Nov 2024 15:48

Instrument :

BNA_F

ClientSampleId :

MH-756-WC

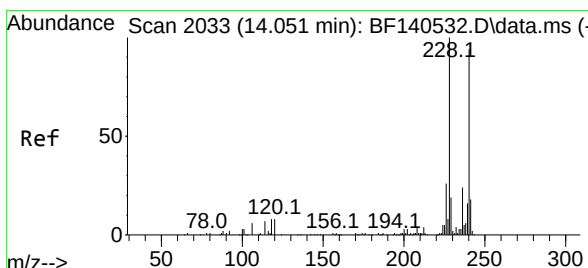
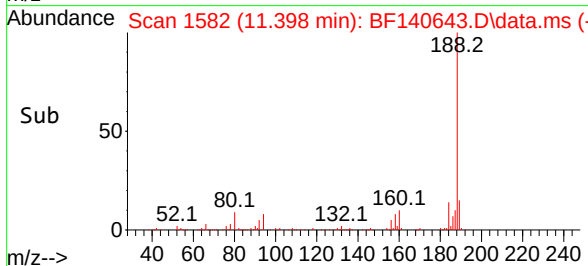
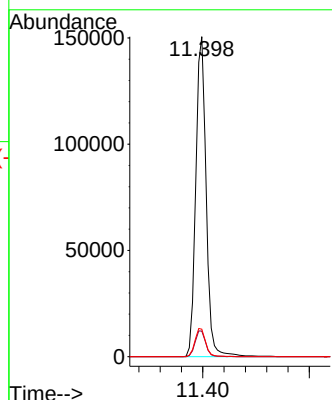
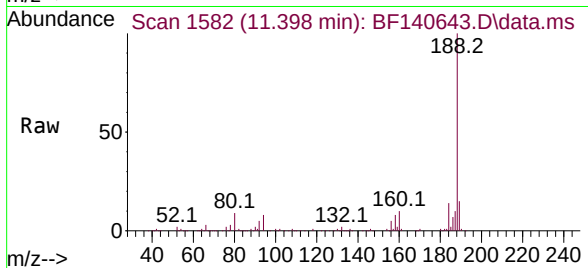
Tgt Ion:188 Resp: 203969

Ion Ratio Lower Upper

188 100

94 8.0 6.4 9.6

80 8.6 6.9 10.3



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.045 min Scan# 2032

Delta R.T. -0.006 min

Lab File: BF140643.D

Acq: 26 Nov 2024 15:48

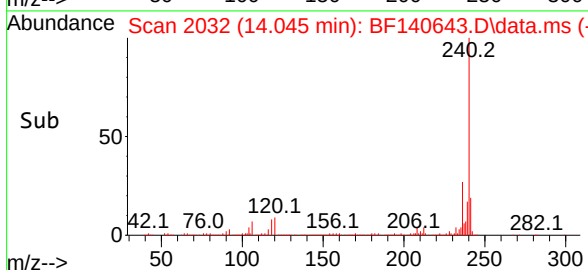
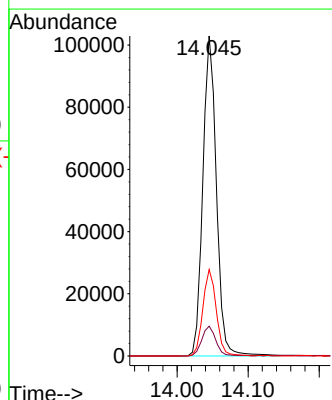
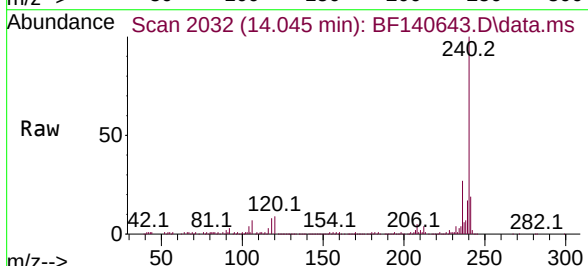
Tgt Ion:240 Resp: 137103

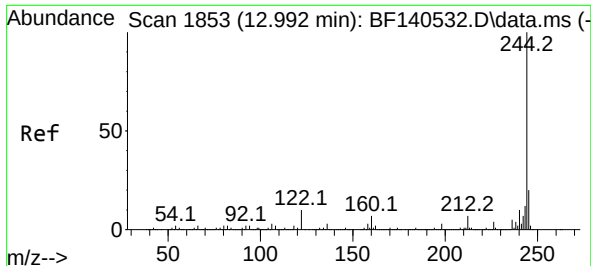
Ion Ratio Lower Upper

240 100

120 9.3 7.3 10.9

236 27.0 20.6 31.0

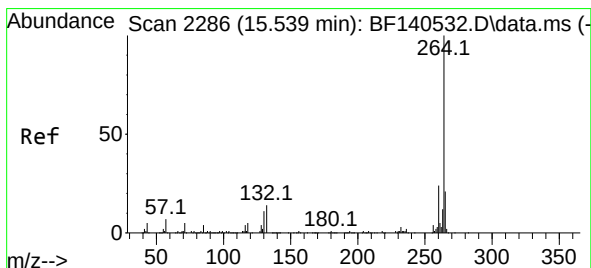
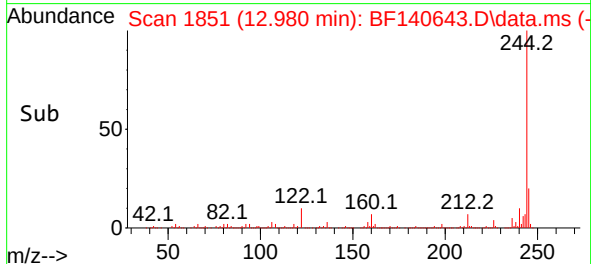
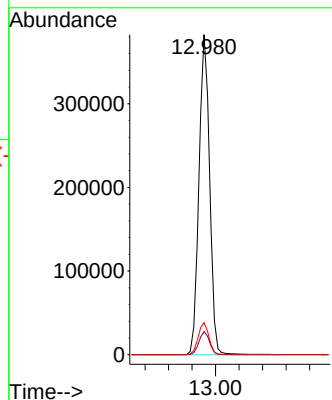
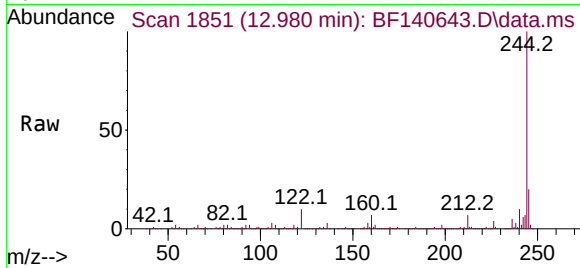




#79
 Terphenyl-d14
 Concen: 54.497 ng
 RT: 12.980 min Scan# 1851
 Delta R.T. -0.012 min
 Lab File: BF140643.D
 Acq: 26 Nov 2024 15:48

Instrument :
 BNA_F
 ClientSampleId :
 MH-756-WC

Tgt Ion:244 Resp: 479836
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.8 8.8
 122 10.0 8.0 12.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.545 min Scan# 2287
 Delta R.T. 0.006 min
 Lab File: BF140643.D
 Acq: 26 Nov 2024 15:48

Tgt Ion:264 Resp: 110754
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.0 28.6
 265 21.4 16.6 25.0

