

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111424\
Data File : BF140364.D
Acq On : 14 Nov 2024 16:04
Operator : RC/JU
Sample : P4812-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RBR200035

Quant Time: Nov 14 16:29:30 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF111324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 13 14:40:06 2024
Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	135058	20.000	ng	-0.01
21) Naphthalene-d8	8.151	136	505323	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	273218	20.000	ng	-0.01
64) Phenanthrene-d10	11.392	188	459205	20.000	ng	-0.01
76) Chrysene-d12	14.051	240	226144	20.000	ng	0.00
86) Perylene-d12	15.563	264	260194	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	667748	84.416	ng	0.00
7) Phenol-d6	6.498	99	879950	82.107	ng	0.00
23) Nitrobenzene-d5	7.428	82	565396	58.297	ng	-0.01
42) 2,4,6-Tribromophenol	10.698	330	208623	76.786	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	981092	57.725	ng	-0.01
79) Terphenyl-d14	12.980	244	703330	53.985	ng	0.00

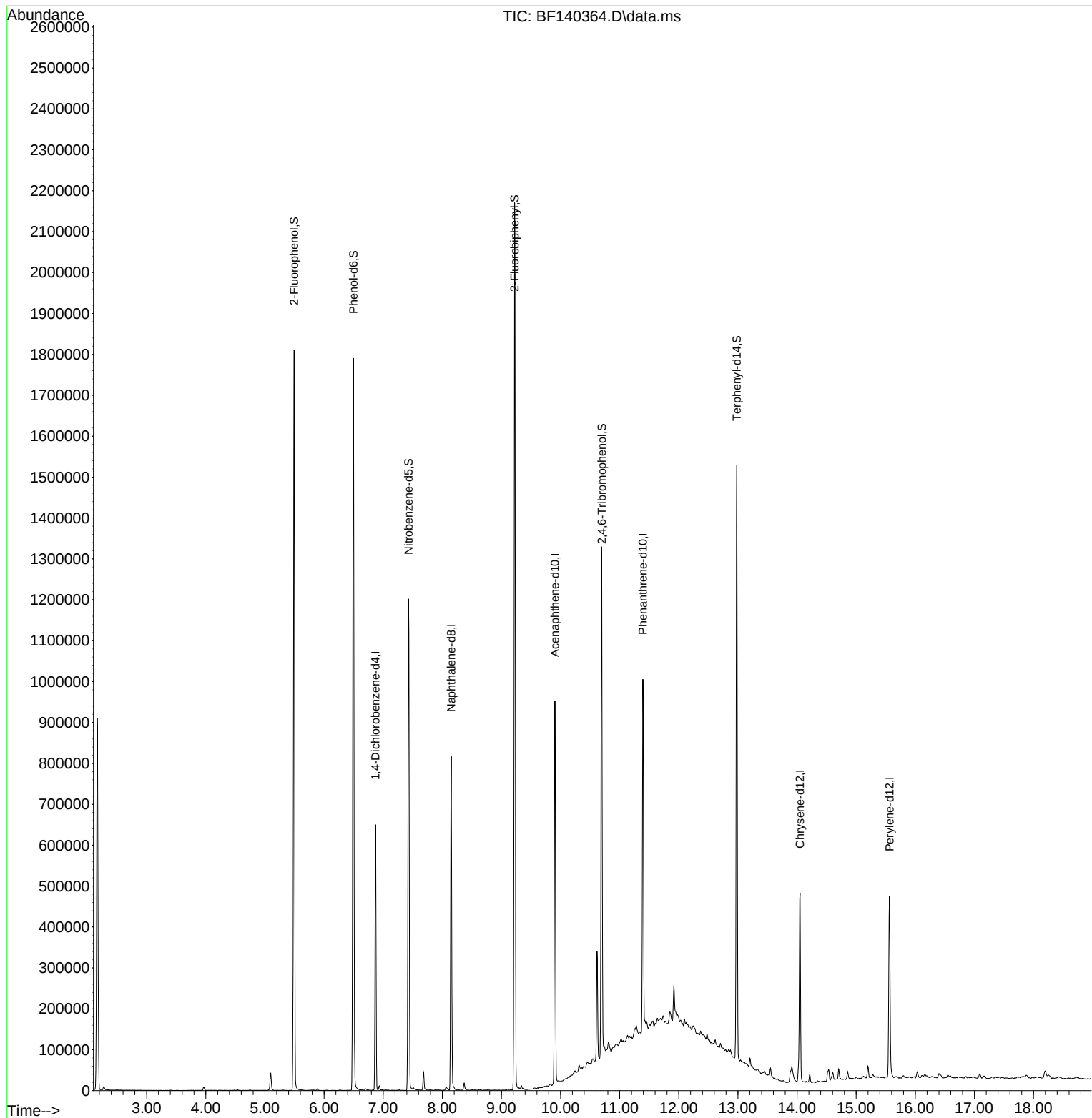
Target Compounds	Qvalue

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

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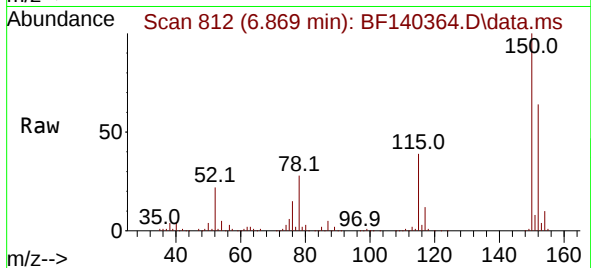
Quant Time: Nov 14 16:29:30 2024
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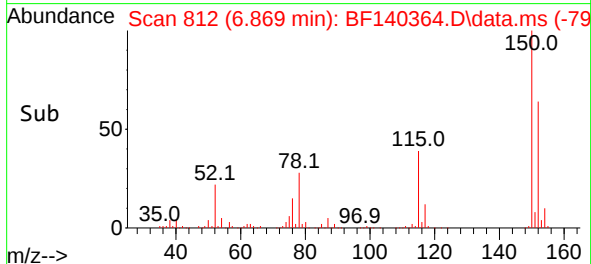
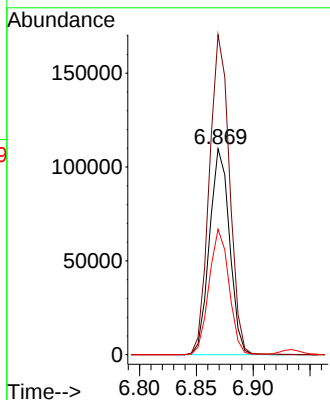


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 813
Delta R.T. -0.012 min
Lab File: BF140364.D
Acq: 14 Nov 2024 16:04

Instrument :
BNA_F
ClientSampleId :
RBR200035

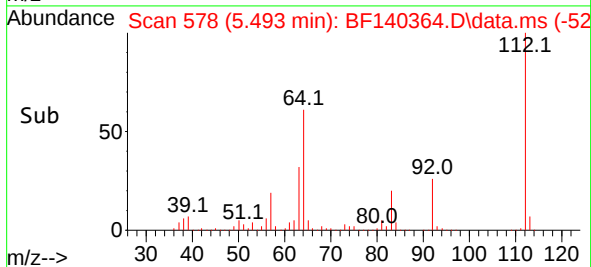
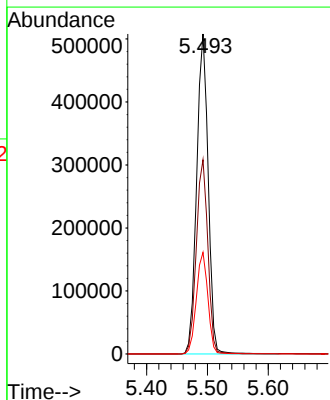
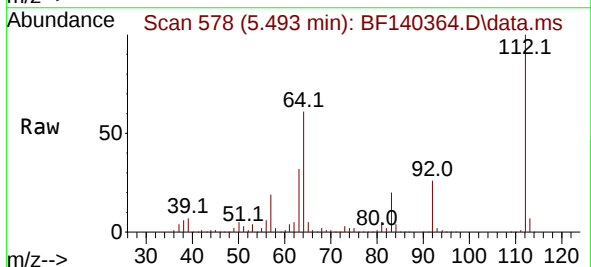


Tgt Ion:152 Resp: 135058
Ion Ratio Lower Upper
152 100
150 155.4 127.4 191.0
115 60.9 47.4 71.2



#5
2-Fluorophenol
Concen: 84.416 ng
RT: 5.493 min Scan# 578
Delta R.T. 0.000 min
Lab File: BF140364.D
Acq: 14 Nov 2024 16:04

Tgt Ion:112 Resp: 667748
Ion Ratio Lower Upper
112 100
64 60.7 49.2 73.8
63 31.8 25.6 38.4

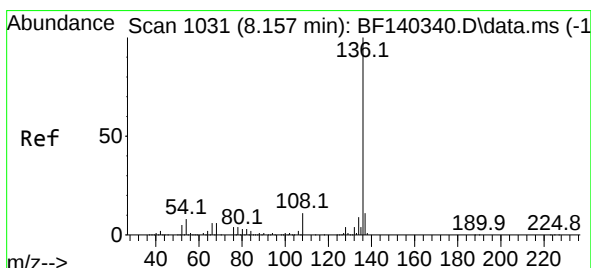
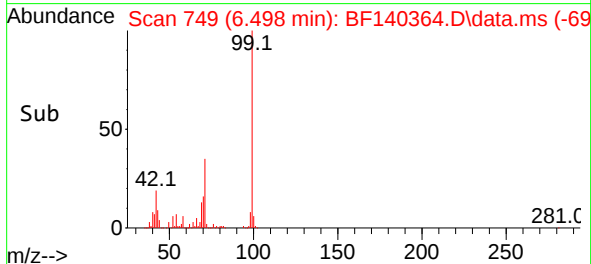
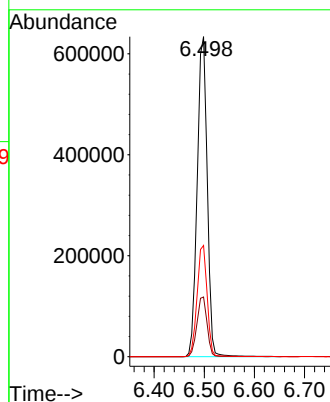
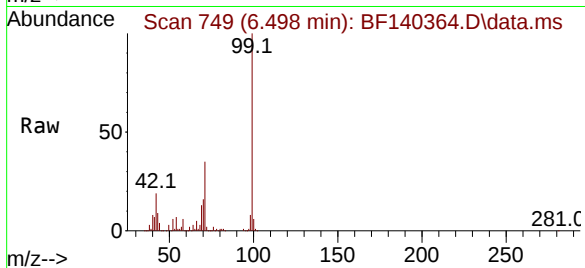




#7
Phenol-d6
Concen: 82.107 ng
RT: 6.498 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF140364.D
Acq: 14 Nov 2024 16:04

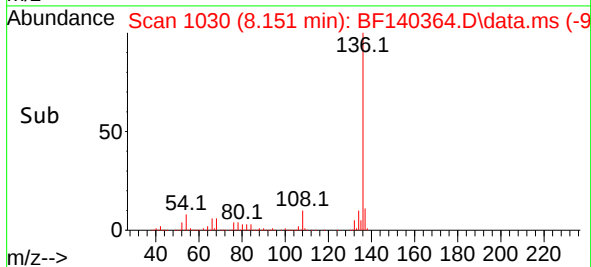
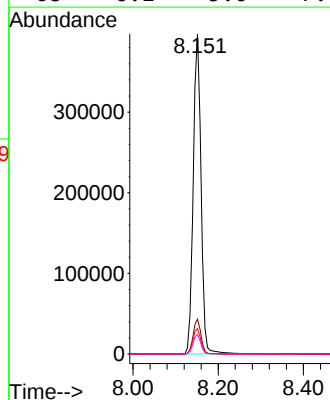
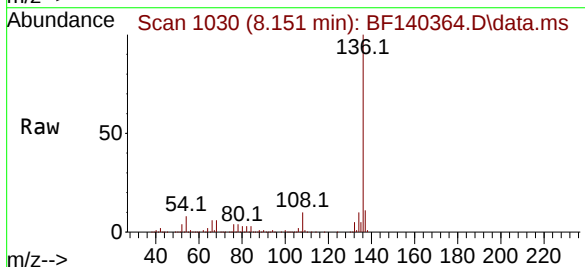
Instrument :
BNA_F
ClientSampleId :
RBR200035

Tgt Ion: 99 Resp: 879950
Ion Ratio Lower Upper
99 100
42 18.7 15.1 22.7
71 34.8 27.9 41.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BF140364.D
Acq: 14 Nov 2024 16:04

Tgt Ion: 136 Resp: 505323
Ion Ratio Lower Upper
136 100
137 10.9 8.7 13.1
54 7.9 6.5 9.7
68 6.1 5.0 7.6

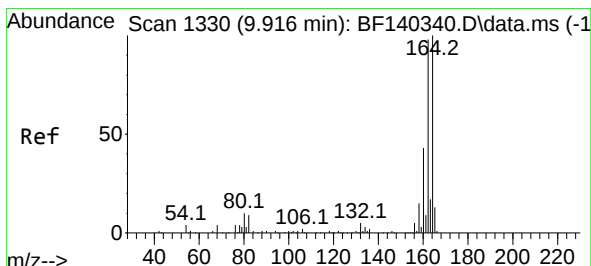
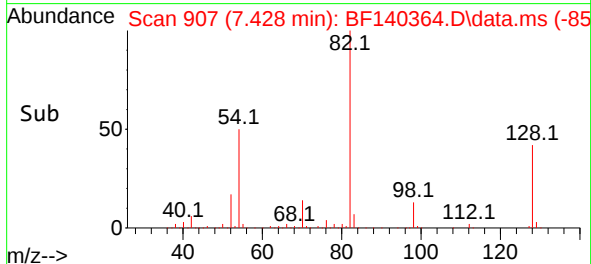
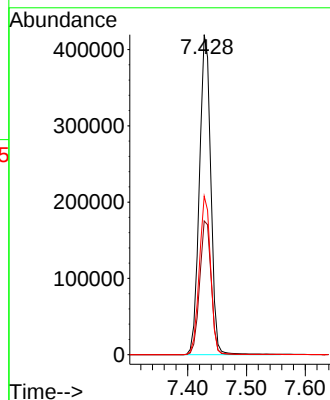
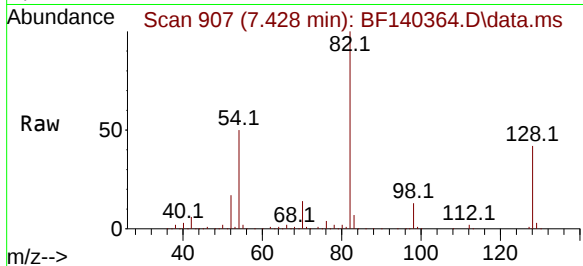




#23
Nitrobenzene-d5
Concen: 58.297 ng
RT: 7.428 min Scan# 909
Delta R.T. -0.012 min
Lab File: BF140364.D
Acq: 14 Nov 2024 16:04

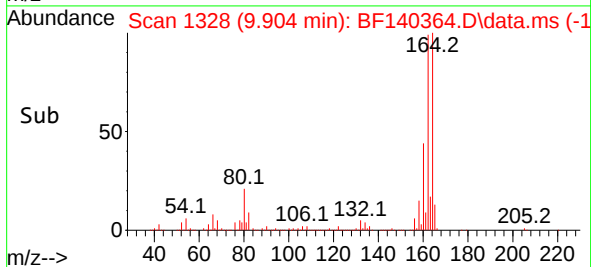
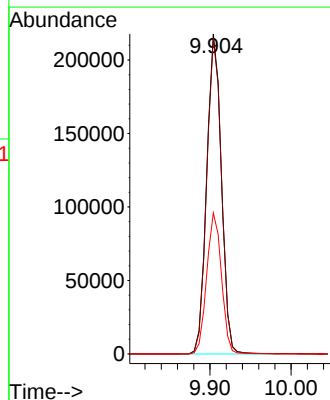
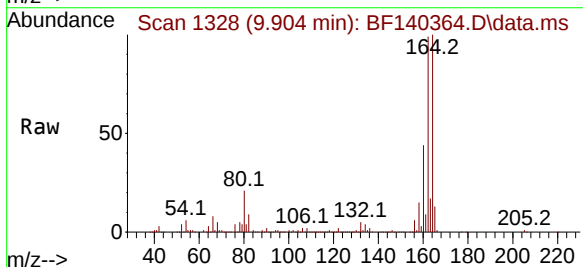
Instrument :
BNA_F
ClientSampleId :
RBR200035

Tgt Ion: 82 Resp: 565396
Ion Ratio Lower Upper
82 100
128 41.8 33.3 49.9
54 49.5 39.8 59.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 1328
Delta R.T. -0.012 min
Lab File: BF140364.D
Acq: 14 Nov 2024 16:04

Tgt Ion:164 Resp: 273218
Ion Ratio Lower Upper
164 100
162 98.8 79.8 119.8
160 44.1 35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 76.786 ng

RT: 10.698 min Scan# 1463

Delta R.T. -0.006 min

Lab File: BF140364.D

Acq: 14 Nov 2024 16:04

Instrument :

BNA_F

ClientSampleId :

RBR200035

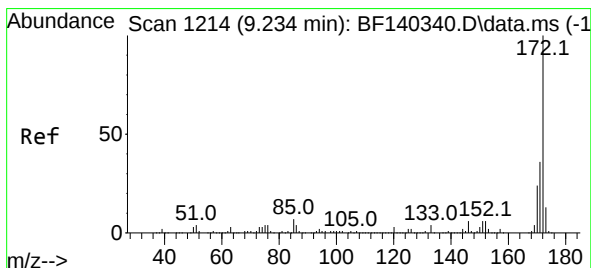
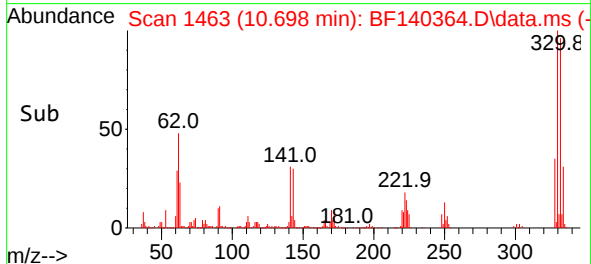
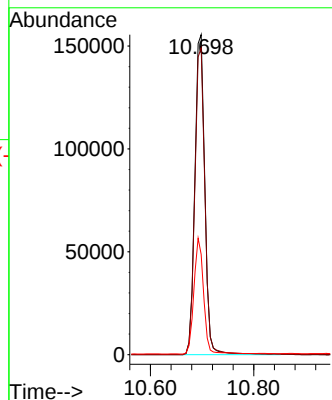
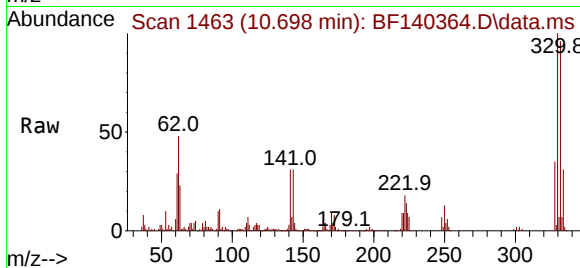
Tgt Ion:330 Resp: 208623

Ion Ratio Lower Upper

330 100

332 96.3 75.9 113.9

141 35.0 26.9 40.3



#45

2-Fluorobiphenyl

Concen: 57.725 ng

RT: 9.222 min Scan# 1212

Delta R.T. -0.012 min

Lab File: BF140364.D

Acq: 14 Nov 2024 16:04

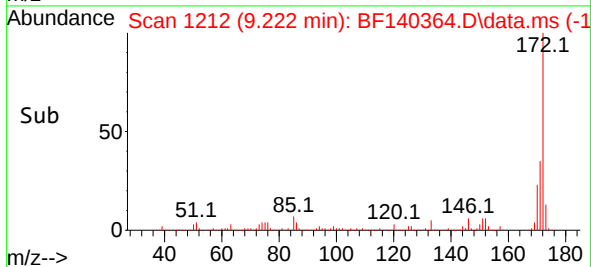
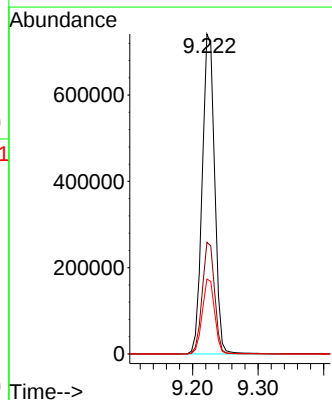
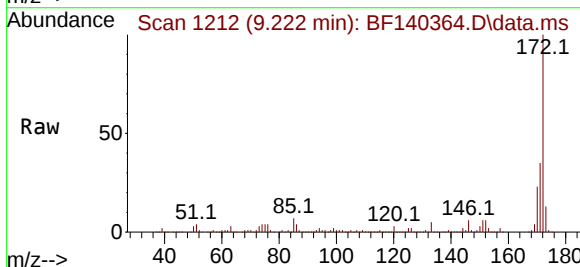
Tgt Ion:172 Resp: 981092

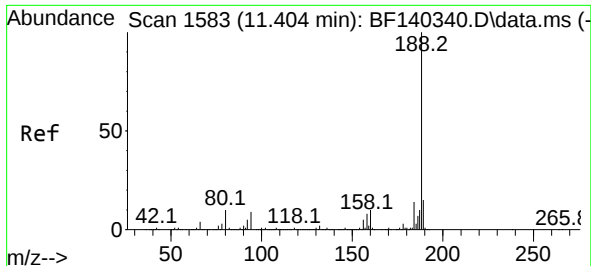
Ion Ratio Lower Upper

172 100

171 34.9 28.5 42.7

170 23.4 19.1 28.7

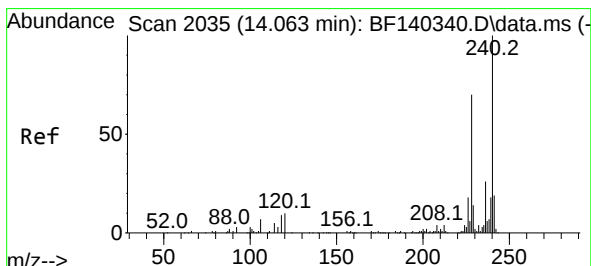
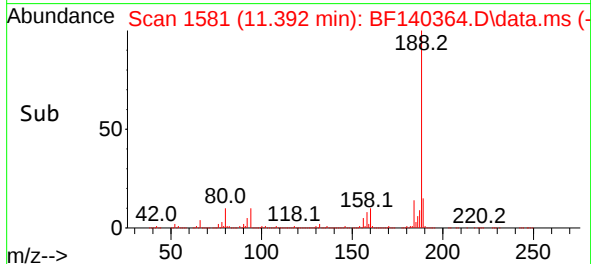
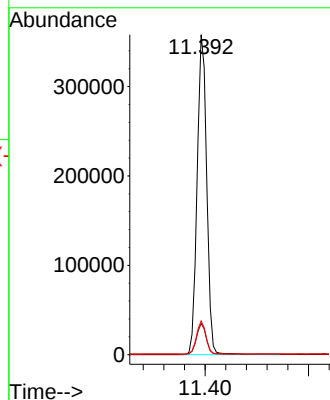
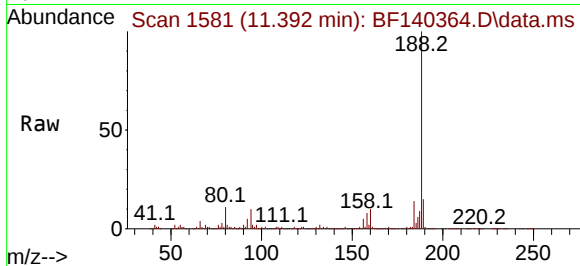




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.392 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF140364.D
Acq: 14 Nov 2024 16:04

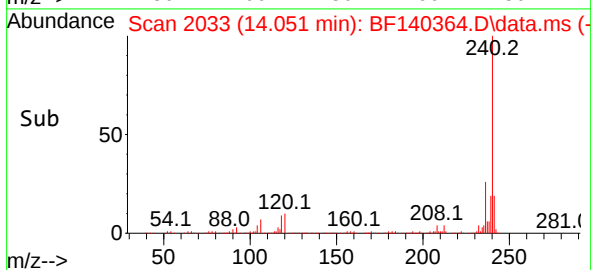
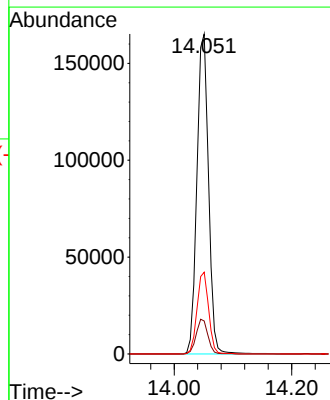
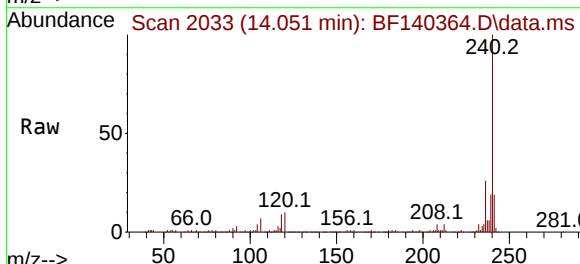
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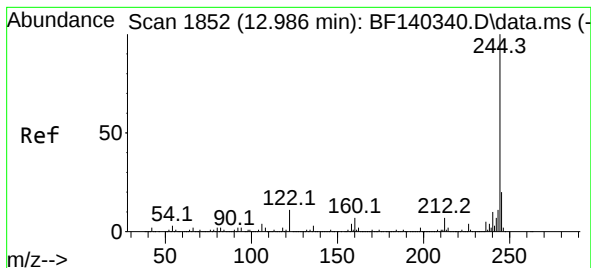
Tgt Ion:188 Resp: 459205
Ion Ratio Lower Upper
188 100
94 9.7 7.6 11.4
80 10.5 8.0 12.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2033
Delta R.T. 0.000 min
Lab File: BF140364.D
Acq: 14 Nov 2024 16:04

Tgt Ion:240 Resp: 226144
Ion Ratio Lower Upper
240 100
120 10.3 8.8 13.2
236 25.6 20.9 31.3





#79

Terphenyl-d14

Concen: 53.985 ng

RT: 12.980 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF140364.D

Acq: 14 Nov 2024 16:04

Instrument :

BNA_F

ClientSampleId :

RBR200035

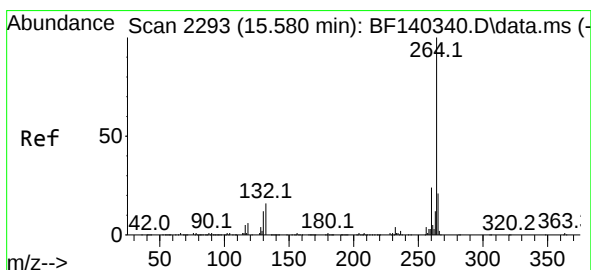
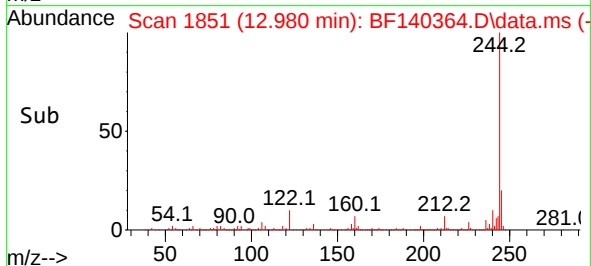
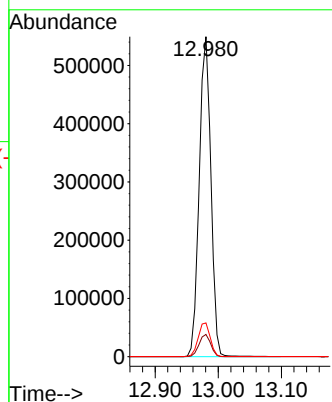
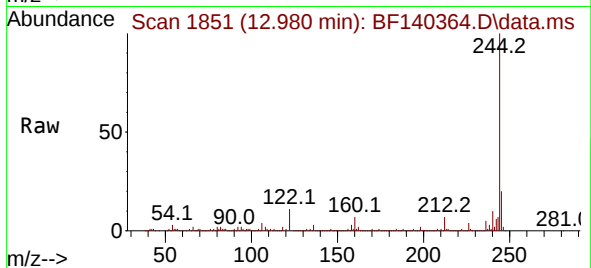
Tgt Ion:244 Resp: 703330

Ion Ratio Lower Upper

244 100

212 7.0 5.8 8.8

122 10.5 8.8 13.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.563 min Scan# 2290

Delta R.T. 0.006 min

Lab File: BF140364.D

Acq: 14 Nov 2024 16:04

Tgt Ion:264 Resp: 260194

Ion Ratio Lower Upper

264 100

260 24.0 19.2 28.8

265 20.9 17.1 25.7

