

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120324\
 Data File : BF140719.D
 Acq On : 03 Dec 2024 18:52
 Operator : RC/JU
 Sample : P5052-07
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OR-640-COMP-51

Quant Time: Dec 03 22:15:24 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)

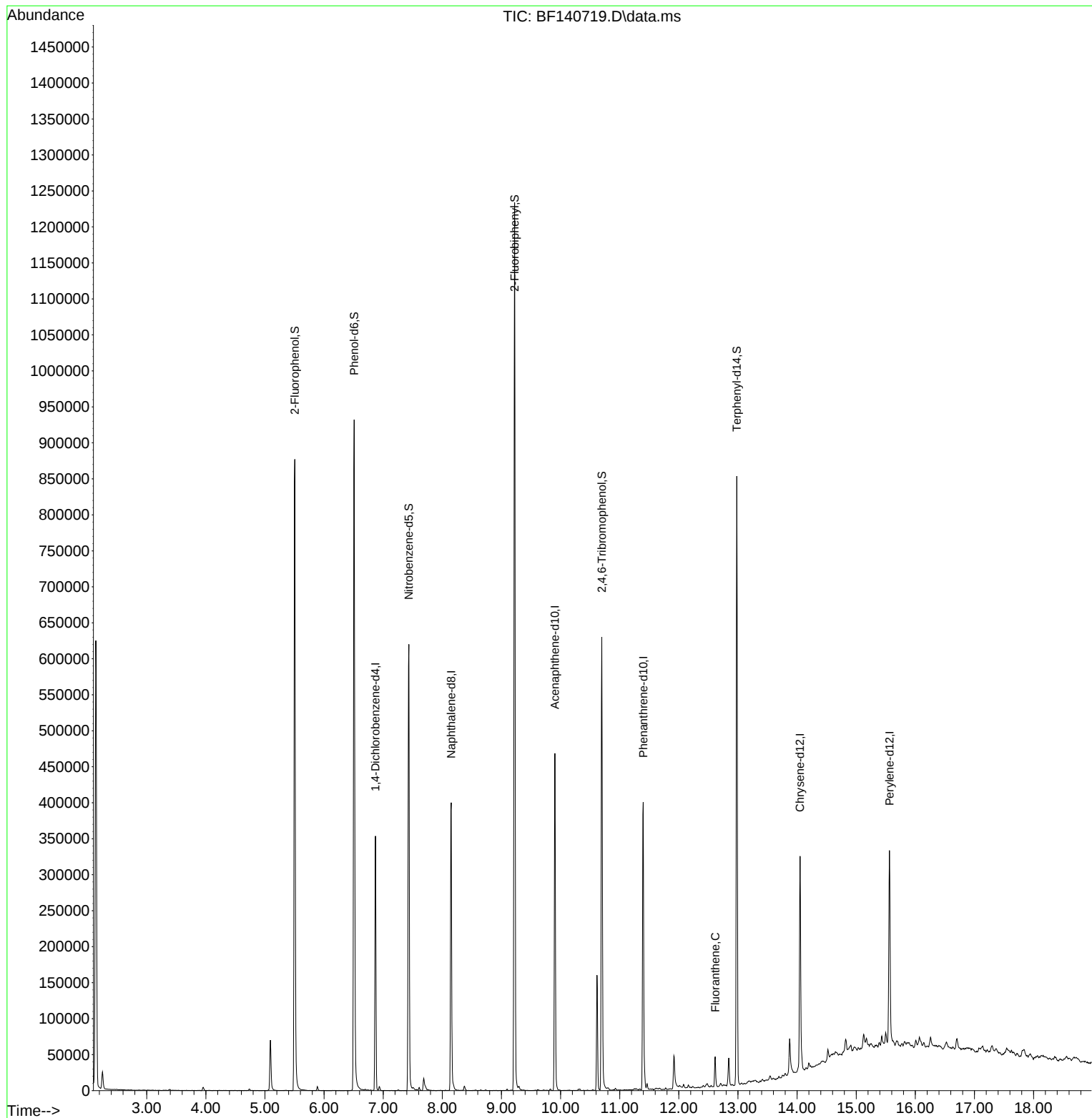
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	73397	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	271153	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	141008	20.000	ng	-0.01
64) Phenanthrene-d10	11.398	188	229804	20.000	ng	0.00
76) Chrysene-d12	14.051	240	137028	20.000	ng	0.00
86) Perylene-d12	15.562	264	155510	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	350660	81.515	ng	0.00
7) Phenol-d6	6.510	99	451629	79.414	ng	0.00
23) Nitrobenzene-d5	7.434	82	295344	55.714	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	111153	73.704	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	548908	58.000	ng	-0.01
79) Terphenyl-d14	12.980	244	409822	46.571	ng	-0.01
Target Compounds						
75) Fluoranthene	12.616	202	25574	2.132	ng	Qvalue 98

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

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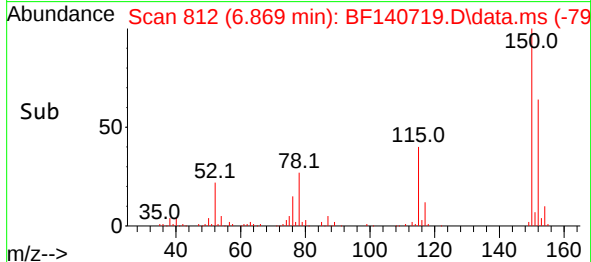
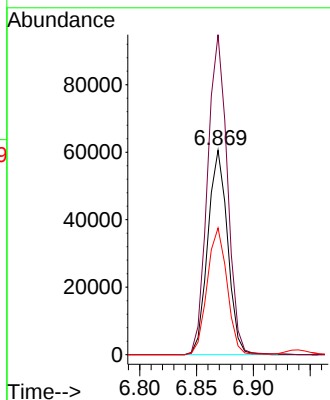
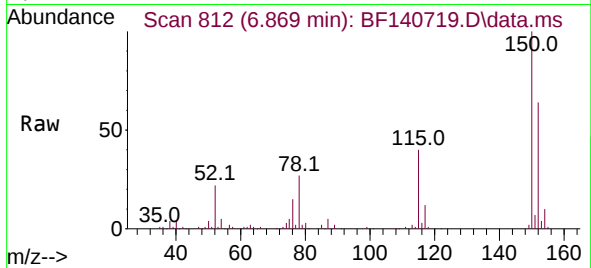




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF140719.D
Acq: 03 Dec 2024 18:52

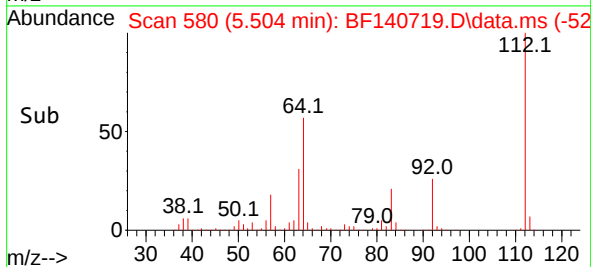
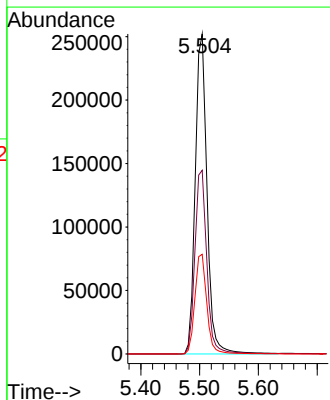
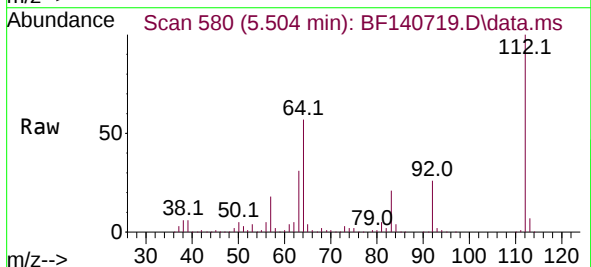
Instrument :
BNA_F
ClientSampleId :
OR-640-COMP-51

Tgt Ion:152 Resp: 73397
Ion Ratio Lower Upper
152 100
150 156.5 128.5 192.7
115 62.0 50.2 75.4



#5
2-Fluorophenol
Concen: 81.515 ng
RT: 5.504 min Scan# 580
Delta R.T. 0.006 min
Lab File: BF140719.D
Acq: 03 Dec 2024 18:52

Tgt Ion:112 Resp: 350660
Ion Ratio Lower Upper
112 100
64 57.4 49.2 73.8
63 31.2 27.0 40.4

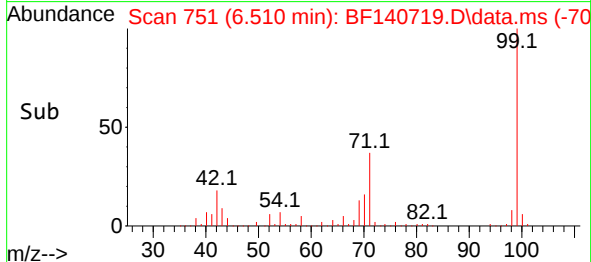
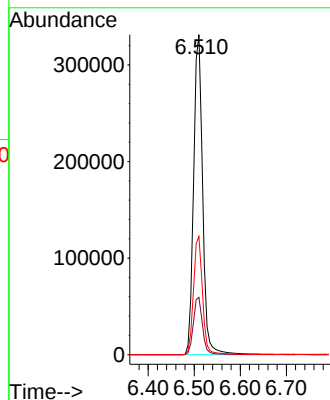
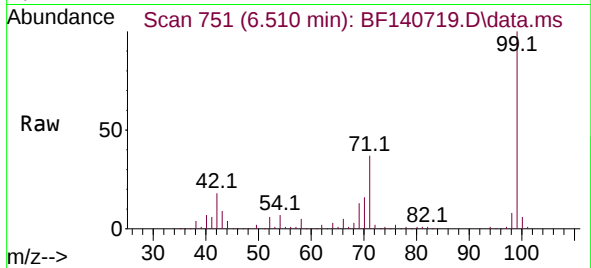




#7
Phenol-d6
Concen: 79.414 ng
RT: 6.510 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF140719.D
Acq: 03 Dec 2024 18:52

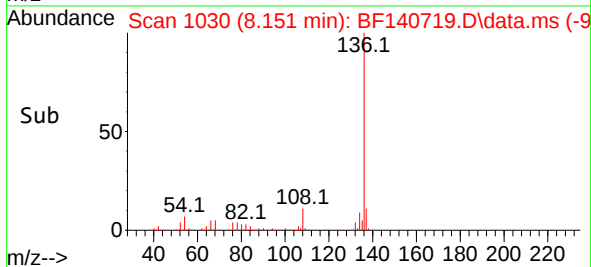
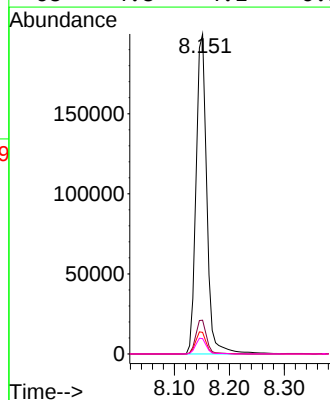
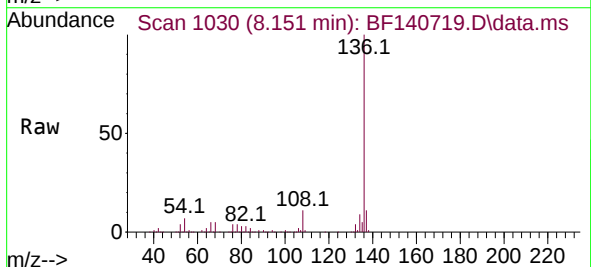
Instrument :
BNA_F
ClientSampleId :
OR-640-COMP-51

Tgt Ion: 99 Resp: 451629
Ion Ratio Lower Upper
99 100
42 17.9 15.4 23.0
71 36.9 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: BF140719.D
Acq: 03 Dec 2024 18:52

Tgt Ion: 136 Resp: 271153
Ion Ratio Lower Upper
136 100
137 10.5 8.6 13.0
54 6.7 5.8 8.8
68 4.8 4.1 6.1

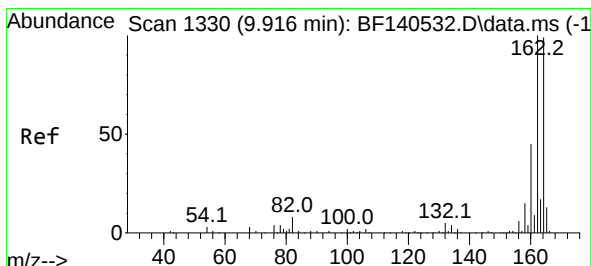
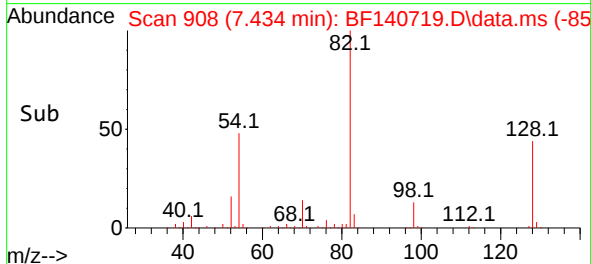
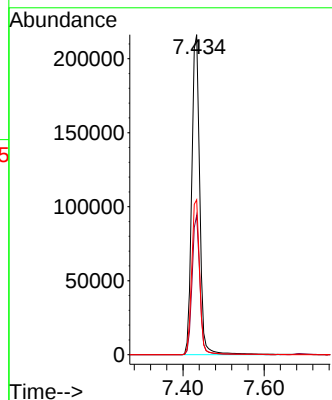
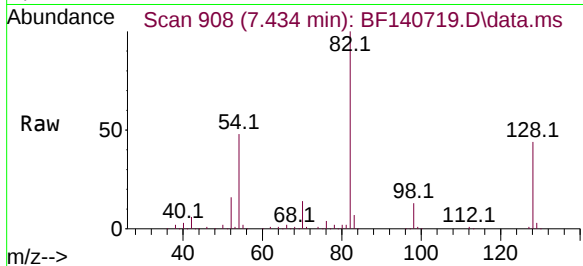




#23
 Nitrobenzene-d5
 Concen: 55.714 ng
 RT: 7.434 min Scan# 909
 Delta R.T. -0.006 min
 Lab File: BF140719.D
 Acq: 03 Dec 2024 18:52

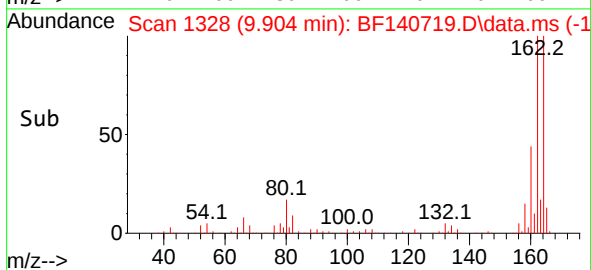
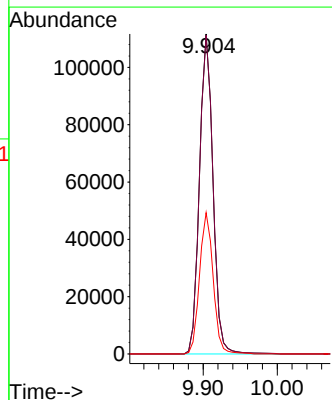
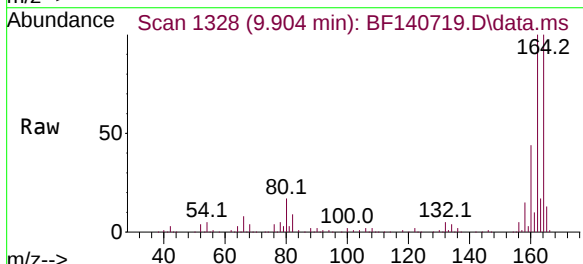
Instrument :
 BNA_F
 ClientSampleId :
 OR-640-COMP-51

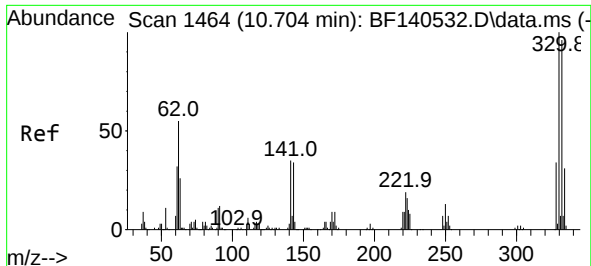
Tgt Ion: 82 Resp: 295344
 Ion Ratio Lower Upper
 82 100
 128 43.6 33.0 49.4
 54 48.4 39.5 59.3



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.904 min Scan# 1328
 Delta R.T. -0.012 min
 Lab File: BF140719.D
 Acq: 03 Dec 2024 18:52

Tgt Ion:164 Resp: 141008
 Ion Ratio Lower Upper
 164 100
 162 99.6 80.6 120.8
 160 44.1 36.2 54.4





#42

2,4,6-Tribromophenol

Concen: 73.704 ng

RT: 10.698 min Scan# 1463

Delta R.T. -0.006 min

Lab File: BF140719.D

Acq: 03 Dec 2024 18:52

Instrument :

BNA_F

ClientSampleId :

OR-640-COMP-51

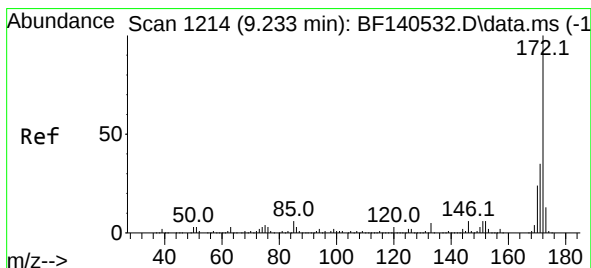
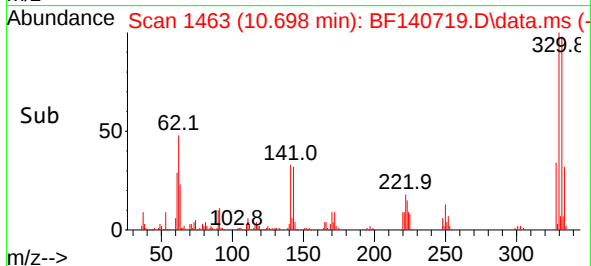
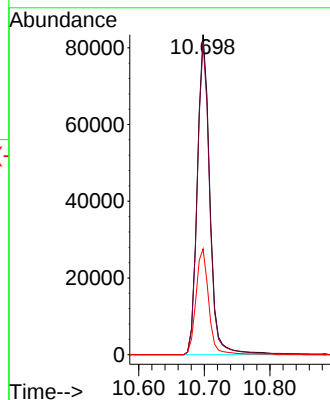
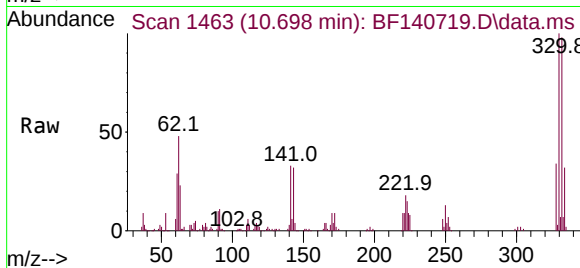
Tgt Ion:330 Resp: 111153

Ion Ratio Lower Upper

330 100

332 97.3 76.9 115.3

141 33.7 26.7 40.1



#45

2-Fluorobiphenyl

Concen: 58.000 ng

RT: 9.222 min Scan# 1212

Delta R.T. -0.012 min

Lab File: BF140719.D

Acq: 03 Dec 2024 18:52

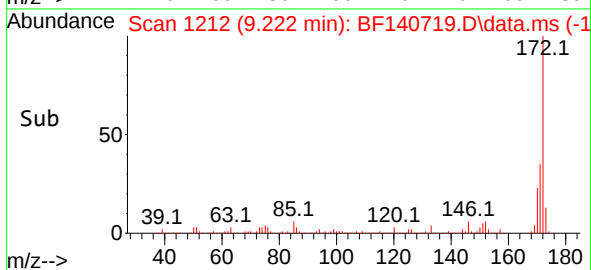
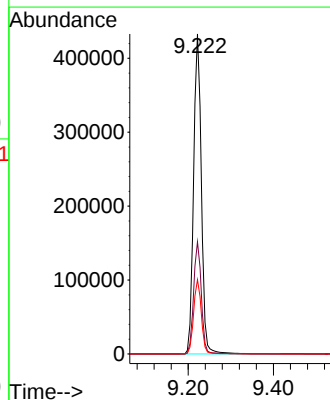
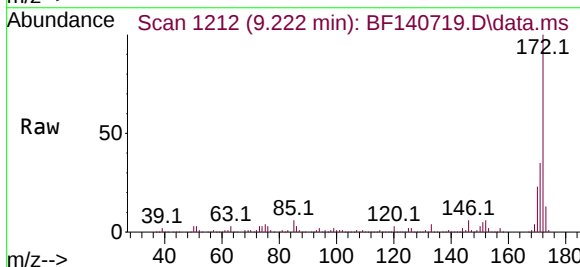
Tgt Ion:172 Resp: 548908

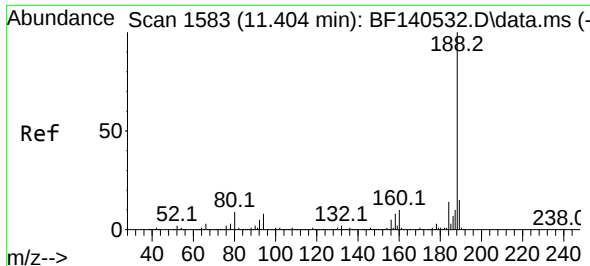
Ion Ratio Lower Upper

172 100

171 35.0 28.4 42.6

170 23.2 19.0 28.6

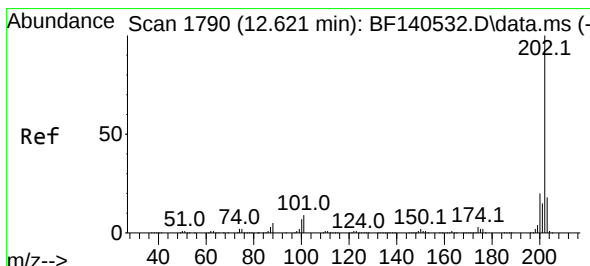
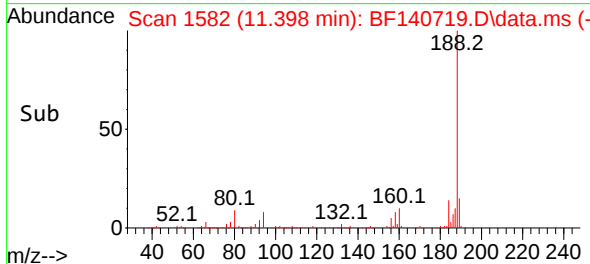
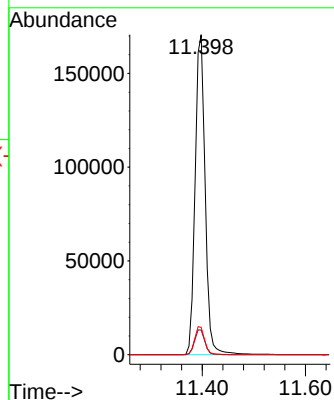
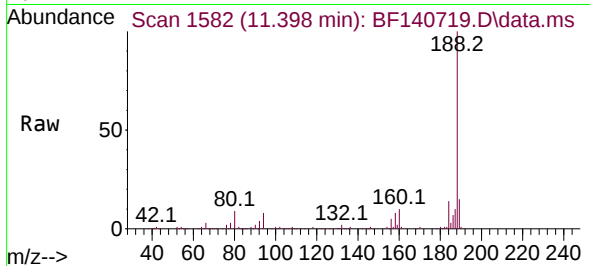




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF140719.D
Acq: 03 Dec 2024 18:52

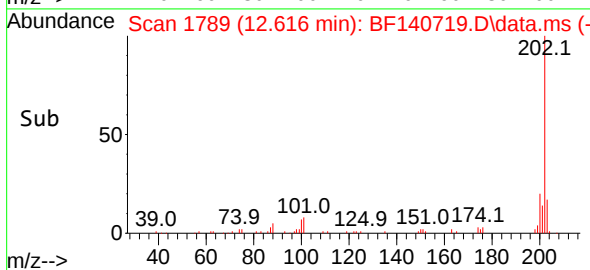
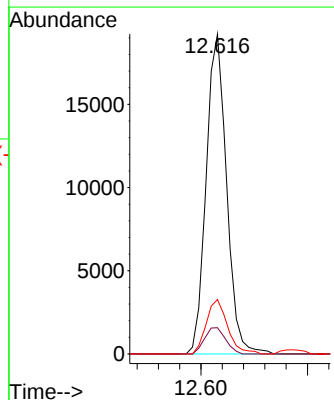
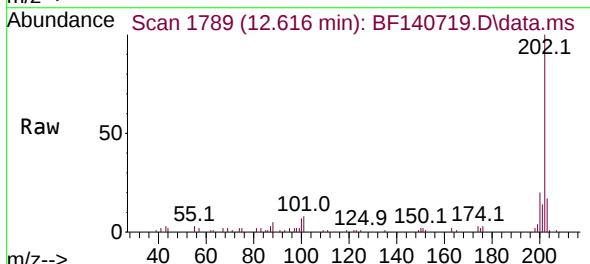
Instrument :
BNA_F
ClientSampleId :
OR-640-COMP-51

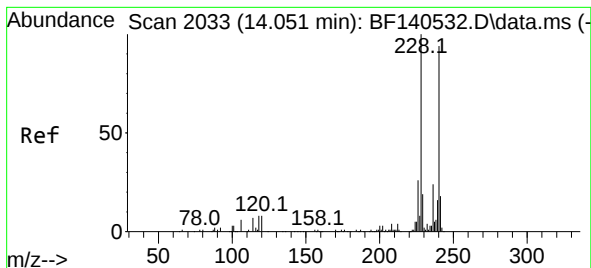
Tgt Ion:188 Resp: 229804
Ion Ratio Lower Upper
188 100
94 7.7 6.4 9.6
80 8.5 6.9 10.3



#75
Fluoranthene
Concen: 2.132 ng
RT: 12.616 min Scan# 1789
Delta R.T. -0.006 min
Lab File: BF140719.D
Acq: 03 Dec 2024 18:52

Tgt Ion:202 Resp: 25574
Ion Ratio Lower Upper
202 100
101 8.2 0.0 28.9
203 17.0 0.0 37.6





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.051 min Scan# 2033

Delta R.T. -0.000 min

Lab File: BF140719.D

Acq: 03 Dec 2024 18:52

Instrument :

BNA_F

ClientSampleId :

OR-640-COMP-51

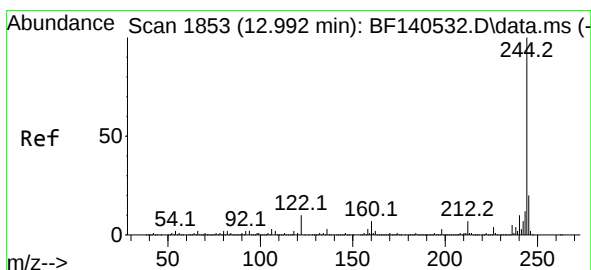
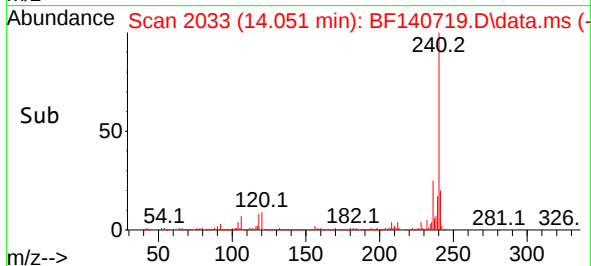
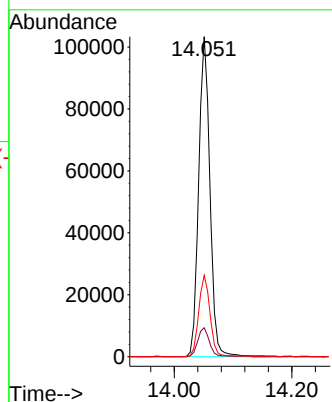
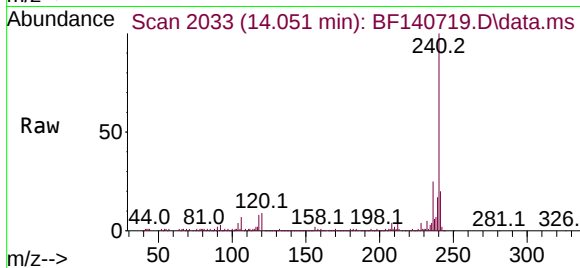
Tgt Ion:240 Resp: 137028

Ion Ratio Lower Upper

240 100

120 9.0 7.3 10.9

236 25.4 20.6 31.0



#79

Terphenyl-d14

Concen: 46.571 ng

RT: 12.980 min Scan# 1851

Delta R.T. -0.012 min

Lab File: BF140719.D

Acq: 03 Dec 2024 18:52

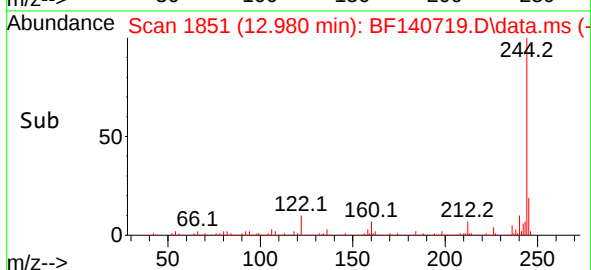
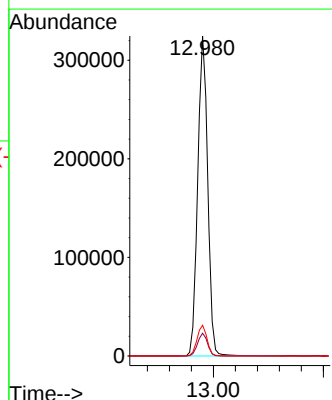
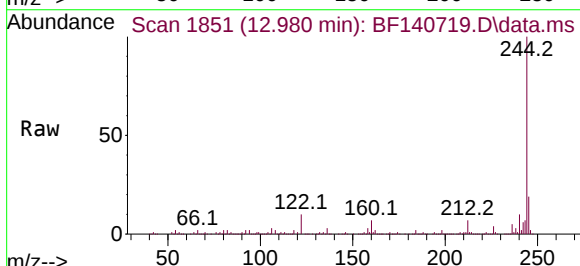
Tgt Ion:244 Resp: 409822

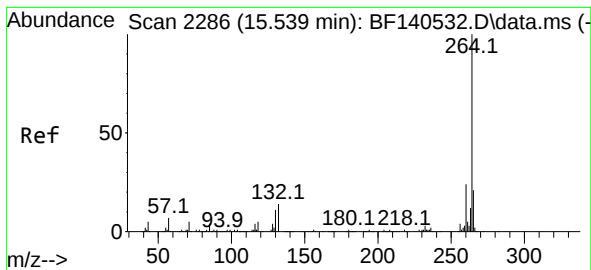
Ion Ratio Lower Upper

244 100

212 7.1 5.8 8.8

122 9.6 8.0 12.0





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.562 min Scan# 21

Delta R.T. 0.023 min

Lab File: BF140719.D

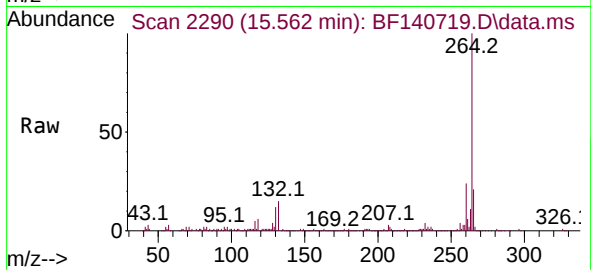
Acq: 03 Dec 2024 18:52

Instrument :

BNA_F

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Tgt Ion:264 Resp: 155510

Ion Ratio Lower Upper

264 100

260 23.5 19.0 28.6

265 21.4 16.6 25.0

