

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121124\
 Data File : BF140833.D
 Acq On : 11 Dec 2024 17:01
 Operator : RC/JU
 Sample : P5245-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 72-12016

Quant Time: Dec 11 18:33:00 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	61403	20.000	ng	-0.02
21) Naphthalene-d8	8.139	136	231849	20.000	ng	-0.02
39) Acenaphthene-d10	9.898	164	128197	20.000	ng	-0.02
64) Phenanthrene-d10	11.392	188	234662	20.000	ng	-0.01
76) Chrysene-d12	14.045	240	123710	20.000	ng	0.00
86) Perylene-d12	15.545	264	135678	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	92766	25.777	ng	0.00
7) Phenol-d6	6.510	99	318114	66.863	ng	0.00
23) Nitrobenzene-d5	7.422	82	270125	59.595	ng	-0.02
42) 2,4,6-Tribromophenol	10.698	330	5984	4.364	ng	0.00
45) 2-Fluorobiphenyl	9.216	172	560030	65.088	ng	-0.02
79) Terphenyl-d14	12.974	244	540391	68.019	ng	-0.02

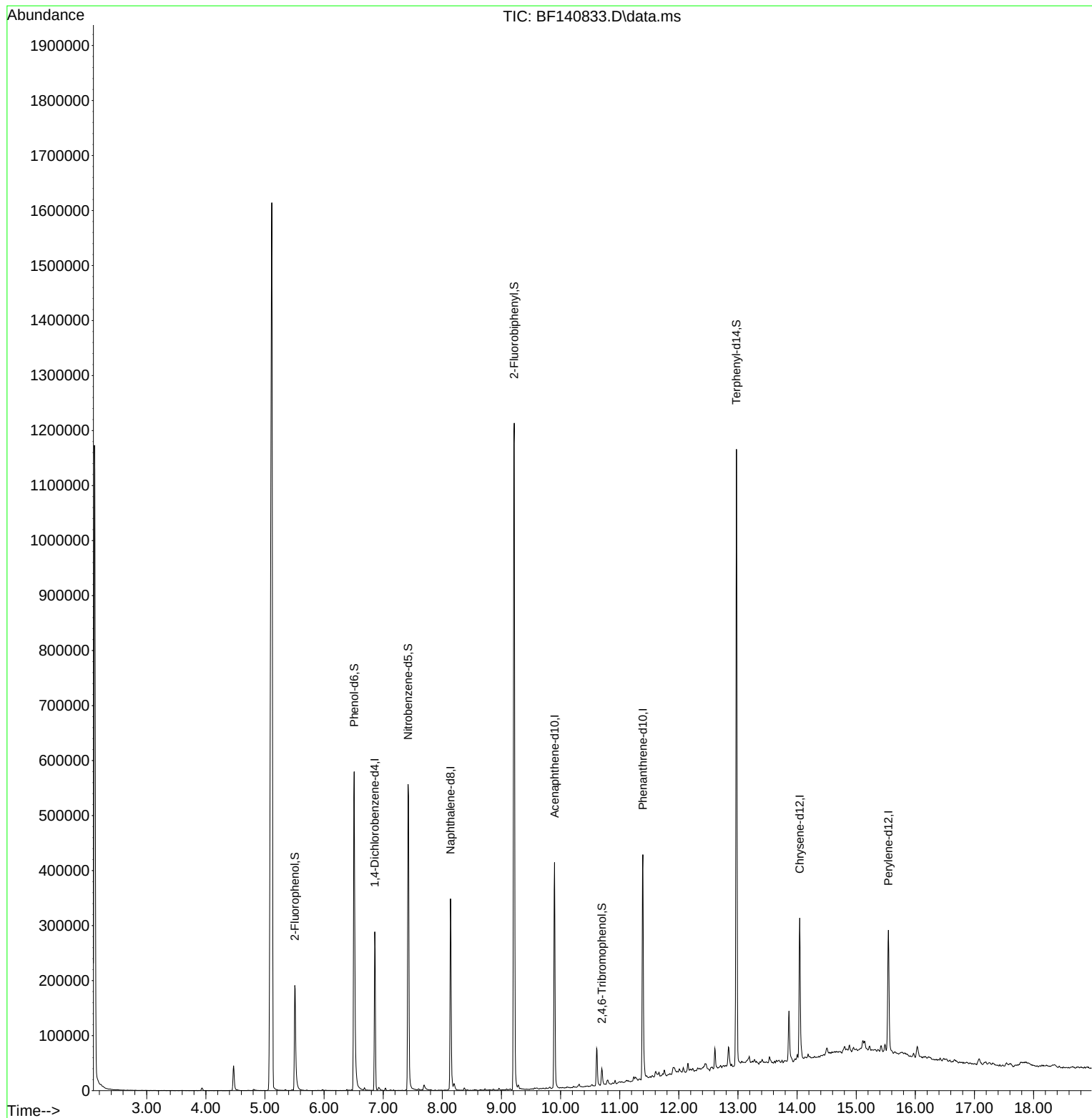
Target Compounds	Qvalue

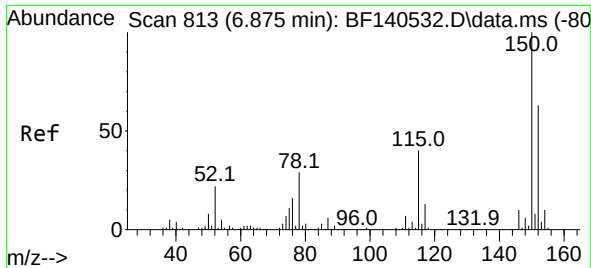
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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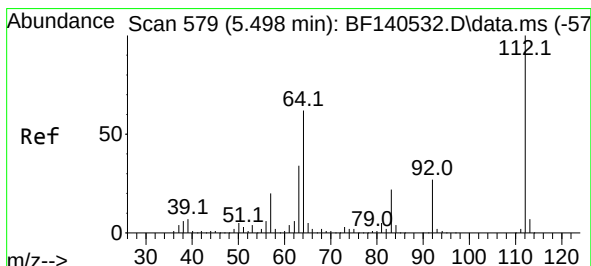
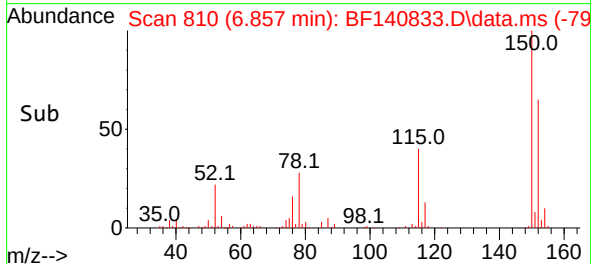
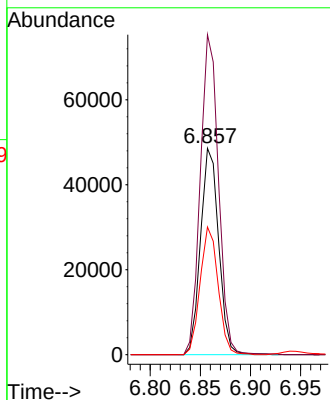
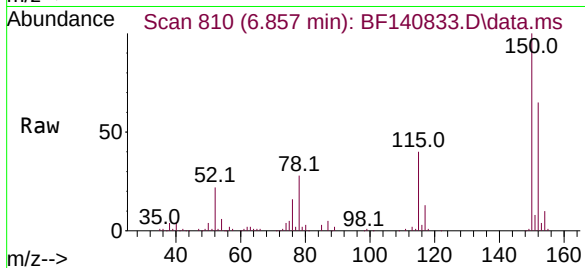




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.857 min Scan# 81
Delta R.T. -0.018 min
Lab File: BF140833.D
Acq: 11 Dec 2024 17:01

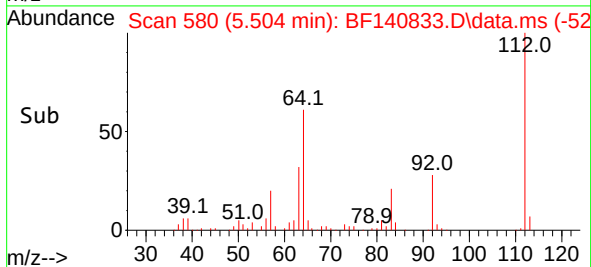
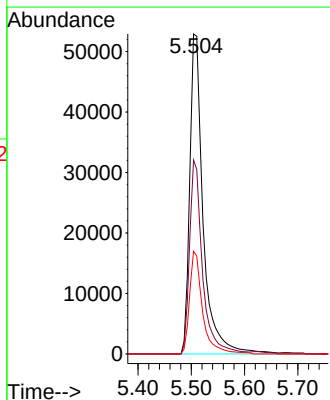
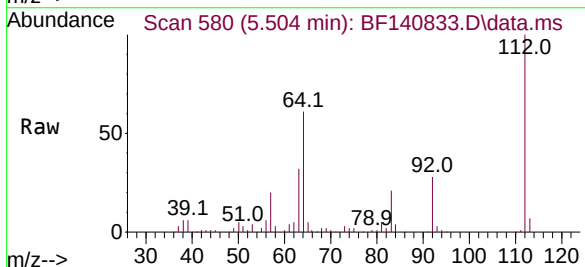
Instrument :
BNA_F
ClientSampleId :
72-12016

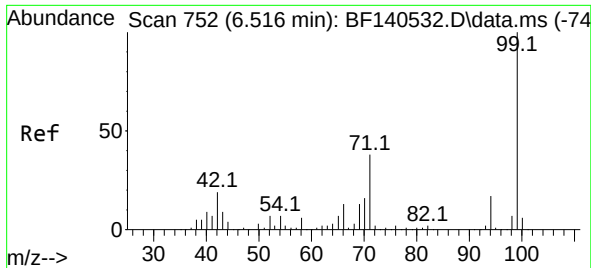
Tgt Ion:152 Resp: 61403
Ion Ratio Lower Upper
152 100
150 155.0 128.5 192.7
115 61.9 50.2 75.4



#5
2-Fluorophenol
Concen: 25.777 ng
RT: 5.504 min Scan# 580
Delta R.T. 0.006 min
Lab File: BF140833.D
Acq: 11 Dec 2024 17:01

Tgt Ion:112 Resp: 92766
Ion Ratio Lower Upper
112 100
64 60.6 49.2 73.8
63 32.1 27.0 40.4





#7

Phenol-d6

Concen: 66.863 ng

RT: 6.510 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF140833.D

Acq: 11 Dec 2024 17:01

Instrument :

BNA_F

ClientSampleId :

72-12016

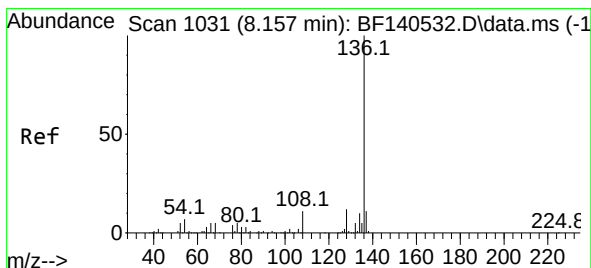
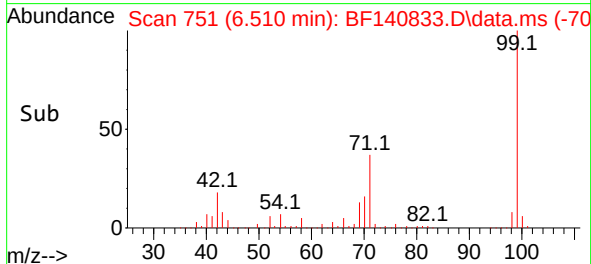
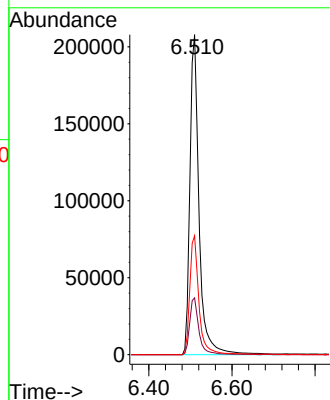
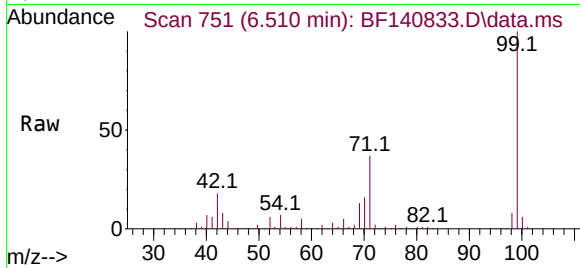
Tgt Ion: 99 Resp: 318114

Ion Ratio Lower Upper

99 100

42 17.8 15.4 23.0

71 37.2 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: BF140833.D

Acq: 11 Dec 2024 17:01

Tgt Ion: 136 Resp: 231849

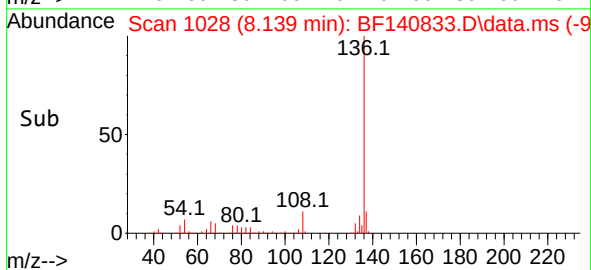
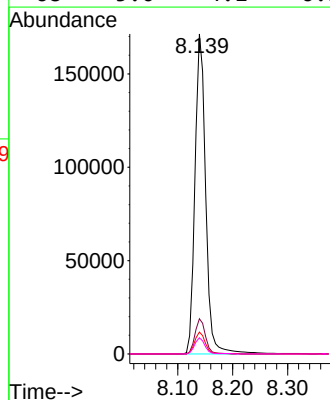
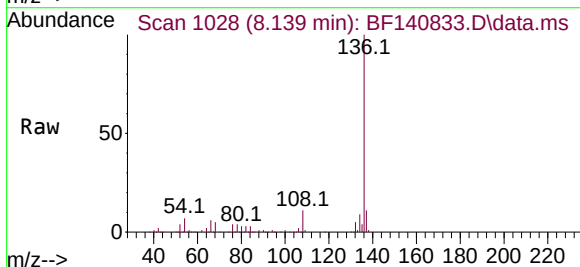
Ion Ratio Lower Upper

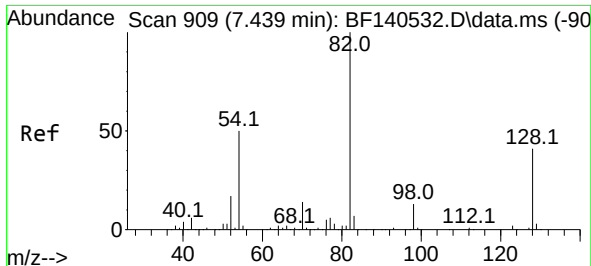
136 100

137 11.0 8.6 13.0

54 6.9 5.8 8.8

68 5.0 4.1 6.1

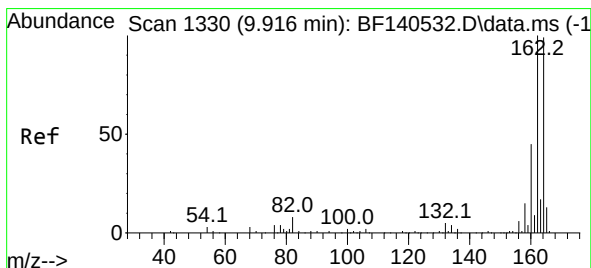
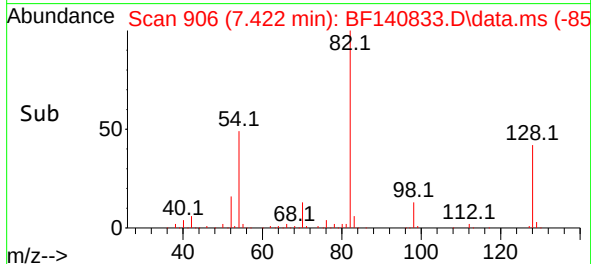
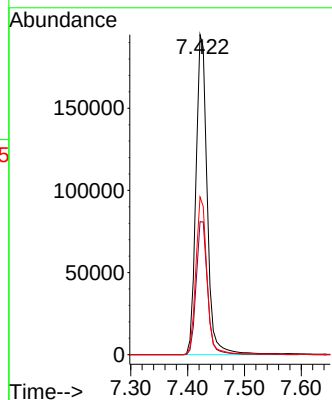
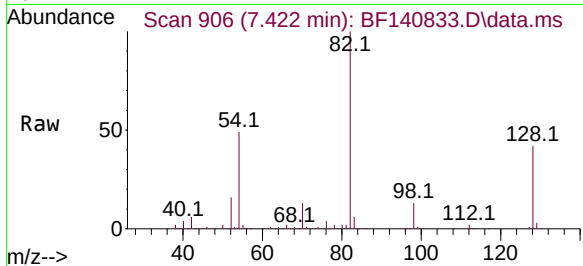




#23
Nitrobenzene-d5
Concen: 59.595 ng
RT: 7.422 min Scan# 909
Delta R.T. -0.018 min
Lab File: BF140833.D
Acq: 11 Dec 2024 17:01

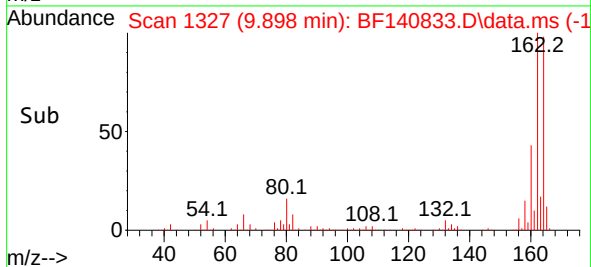
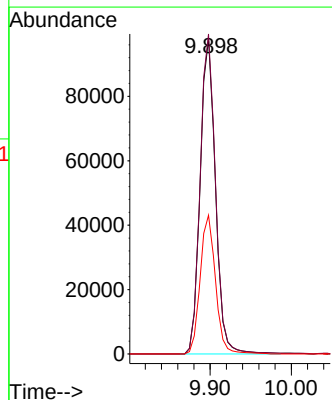
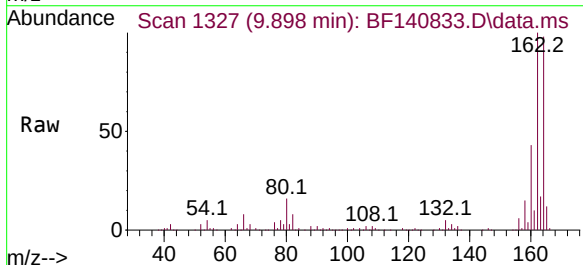
Instrument :
BNA_F
ClientSampleId :
72-12016

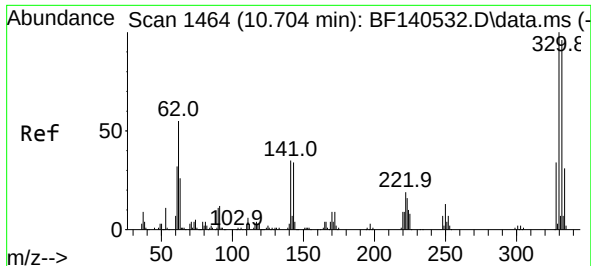
Tgt Ion: 82 Resp: 270125
Ion Ratio Lower Upper
82 100
128 41.6 33.0 49.4
54 49.3 39.5 59.3



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.898 min Scan# 1327
Delta R.T. -0.018 min
Lab File: BF140833.D
Acq: 11 Dec 2024 17:01

Tgt Ion:164 Resp: 128197
Ion Ratio Lower Upper
164 100
162 101.6 80.6 120.8
160 44.1 36.2 54.4





#42

2,4,6-Tribromophenol

Concen: 4.364 ng

RT: 10.698 min Scan# 1463

Delta R.T. -0.006 min

Lab File: BF140833.D

Acq: 11 Dec 2024 17:01

Instrument :

BNA_F

ClientSampleId :

72-12016

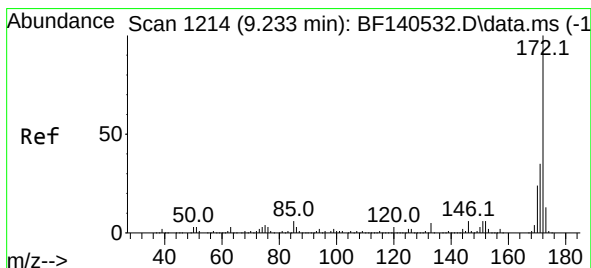
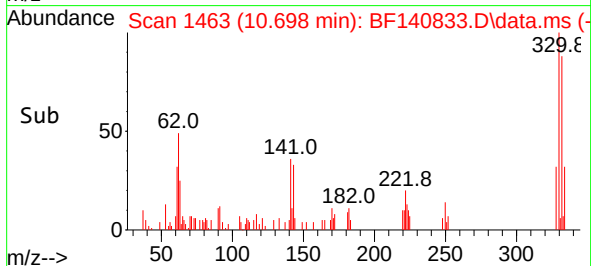
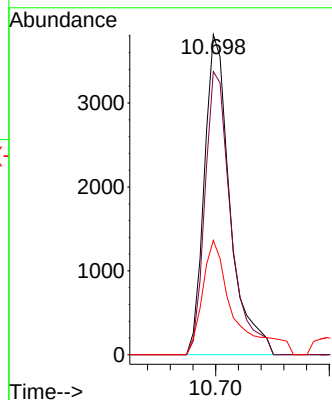
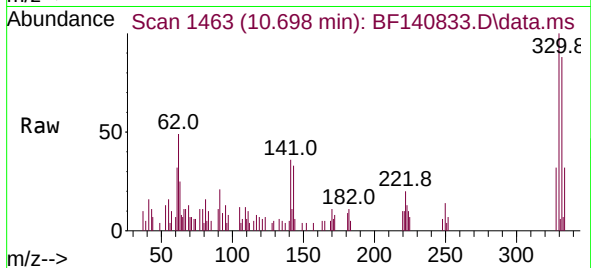
Tgt Ion:330 Resp: 5984

Ion Ratio Lower Upper

330 100

332 89.7 76.9 115.3

141 42.9 26.7 40.1#



#45

2-Fluorobiphenyl

Concen: 65.088 ng

RT: 9.216 min Scan# 1211

Delta R.T. -0.018 min

Lab File: BF140833.D

Acq: 11 Dec 2024 17:01

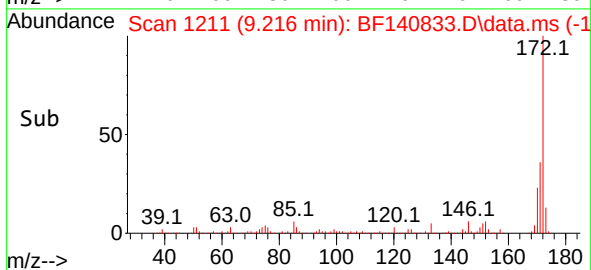
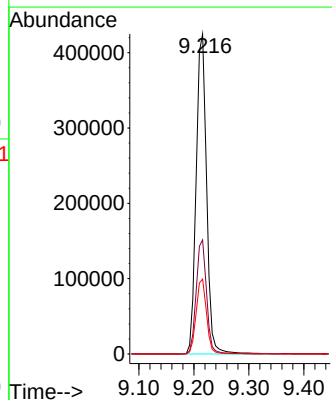
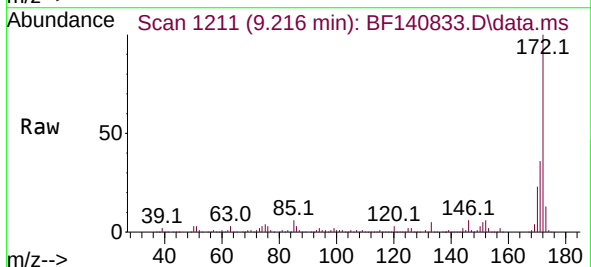
Tgt Ion:172 Resp: 560030

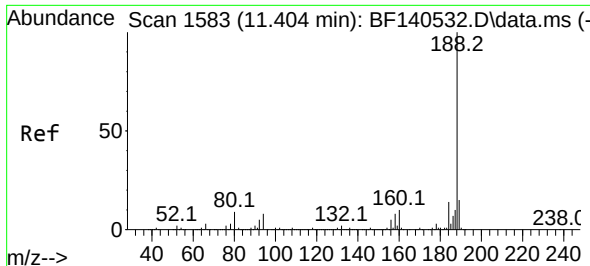
Ion Ratio Lower Upper

172 100

171 35.6 28.4 42.6

170 23.4 19.0 28.6

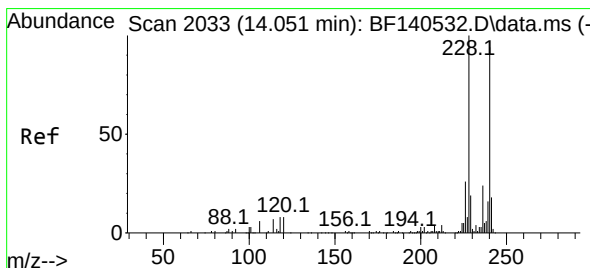
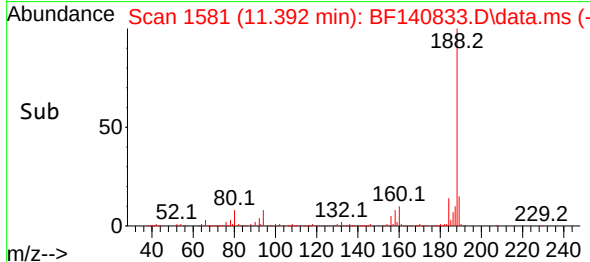
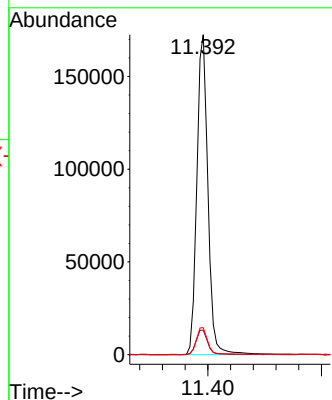
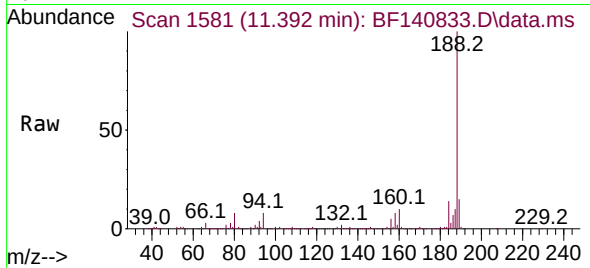




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.392 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF140833.D
Acq: 11 Dec 2024 17:01

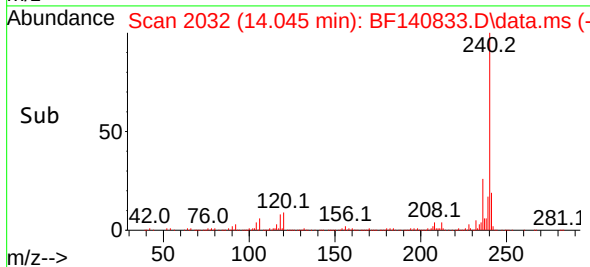
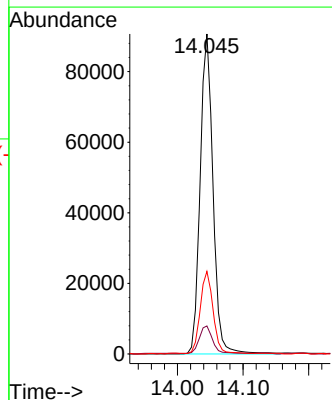
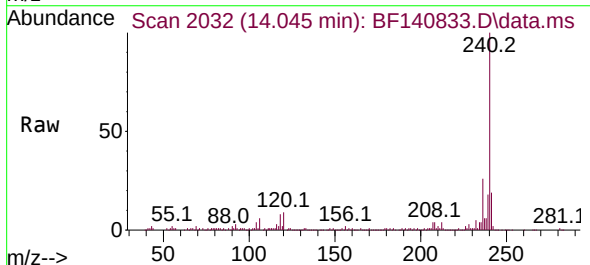
Instrument :
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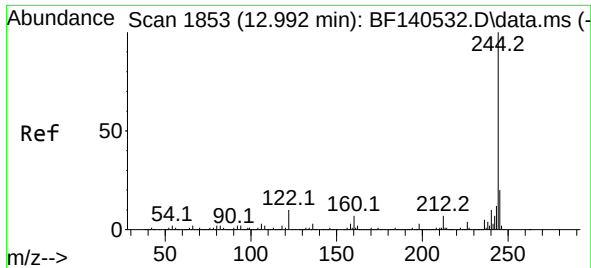
Tgt Ion:188 Resp: 234662
Ion Ratio Lower Upper
188 100
94 7.7 6.4 9.6
80 8.5 6.9 10.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2032
Delta R.T. -0.006 min
Lab File: BF140833.D
Acq: 11 Dec 2024 17:01

Tgt Ion:240 Resp: 123710
Ion Ratio Lower Upper
240 100
120 8.7 7.3 10.9
236 25.8 20.6 31.0

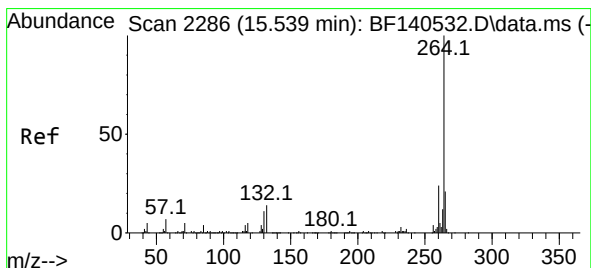
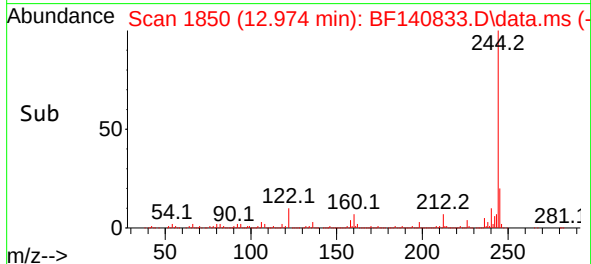
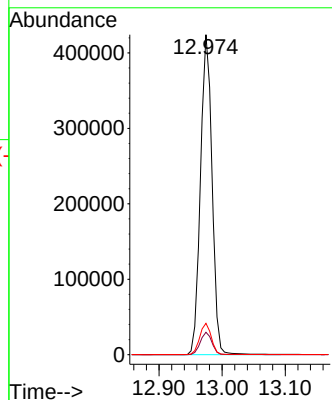
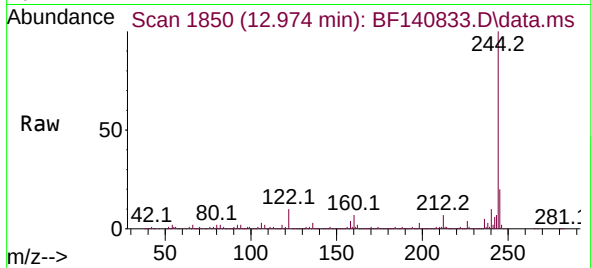




#79
 Terphenyl-d14
 Concen: 68.019 ng
 RT: 12.974 min Scan# 1850
 Delta R.T. -0.018 min
 Lab File: BF140833.D
 Acq: 11 Dec 2024 17:01

Instrument :
 BNA_F
 ClientSampleId :
 72-12016

Tgt Ion:244 Resp: 540391
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.8 8.8
 122 9.8 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: BF140833.D
 Acq: 11 Dec 2024 17:01

Tgt Ion:264 Resp: 135678
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.0 28.6
 265 21.6 16.6 25.0

