

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121924\
 Data File : BF140940.D
 Acq On : 19 Dec 2024 21:19
 Operator : RC/JU
 Sample : P5342-03 5X
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HT2651

Quant Time: Dec 20 00:11:07 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121624.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 16 16:59:50 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.851	152	37444	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	142951	20.000	ng	# 0.00
39) Acenaphthene-d10	9.892	164	63367	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	106218	20.000	ng	# 0.02
76) Chrysene-d12	14.051	240	82096	20.000	ng	# 0.02
86) Perylene-d12	15.557	264	66926	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	59258	26.052	ng	0.02
7) Phenol-d6	6.516	99	69914	23.206	ng	0.02
23) Nitrobenzene-d5	7.416	82	41929	14.675	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	16237	21.665	ng	0.02
45) 2-Fluorobiphenyl	9.204	172	83935	18.211	ng	0.00
79) Terphenyl-d14	12.986	244	94186	18.091	ng	0.03

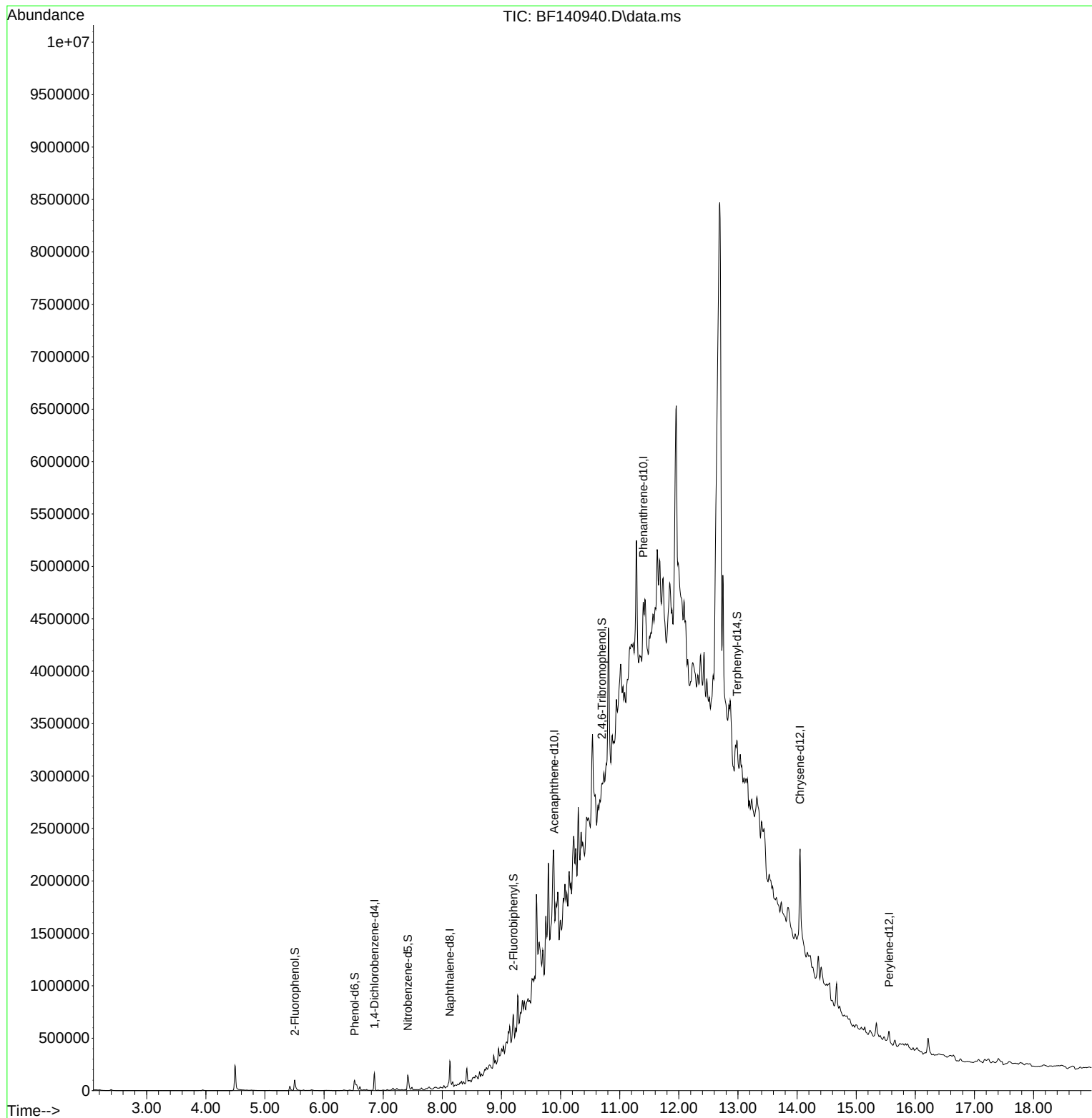
Target Compounds	Qvalue

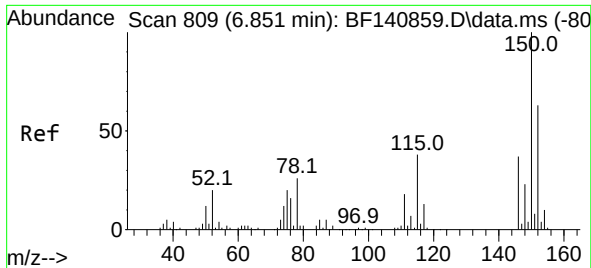
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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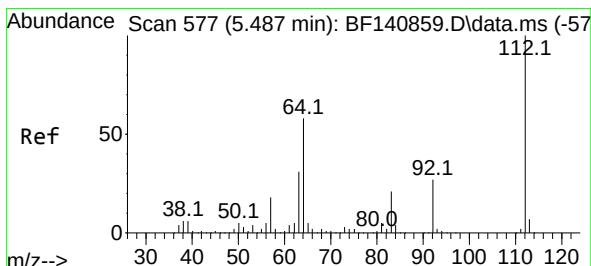
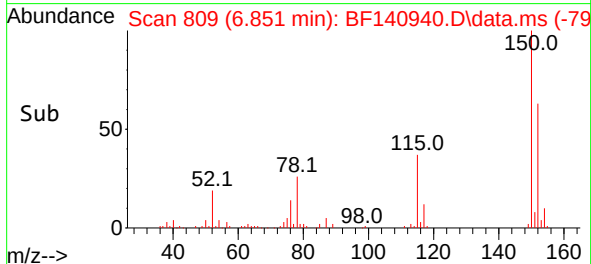
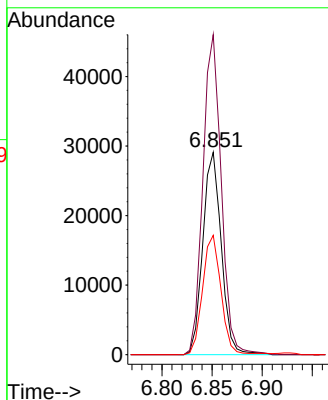
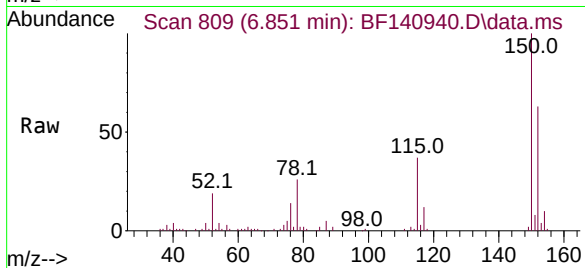




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.851 min Scan# 80
Delta R.T. 0.000 min
Lab File: BF140940.D
Acq: 19 Dec 2024 21:19

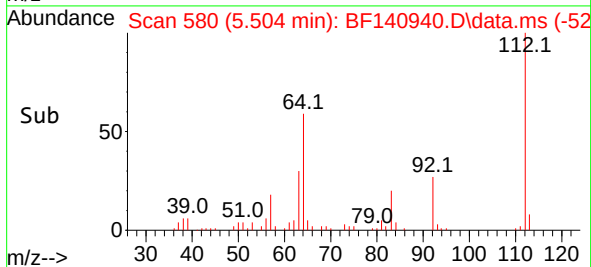
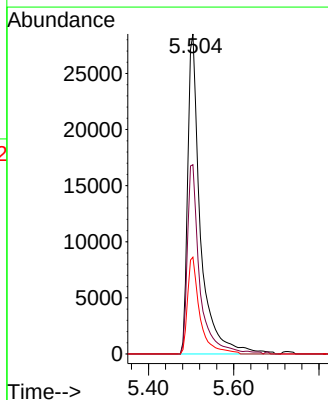
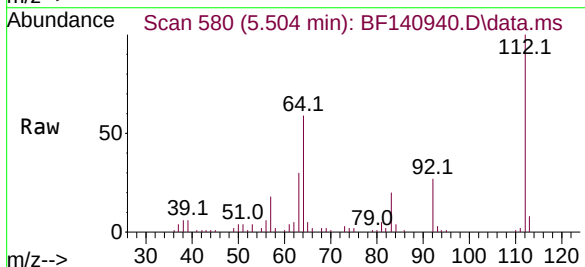
Instrument :
BNA_F
ClientSampleId :
HT2651

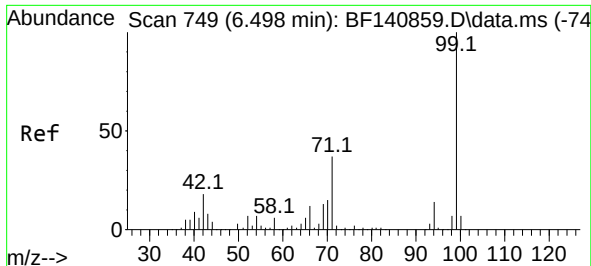
Tgt Ion:152 Resp: 37444
Ion Ratio Lower Upper
152 100
150 158.1 127.9 191.9
115 59.0 48.0 72.0



#5
2-Fluorophenol
Concen: 26.052 ng
RT: 5.504 min Scan# 580
Delta R.T. 0.017 min
Lab File: BF140940.D
Acq: 19 Dec 2024 21:19

Tgt Ion:112 Resp: 59258
Ion Ratio Lower Upper
112 100
64 59.2 46.1 69.1
63 30.2 24.9 37.3

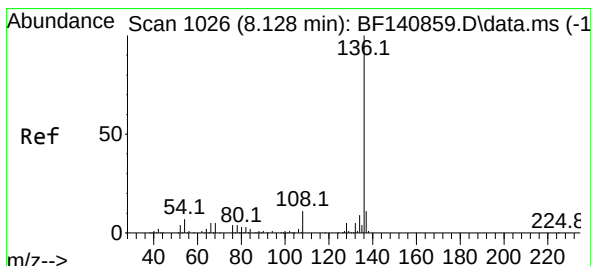
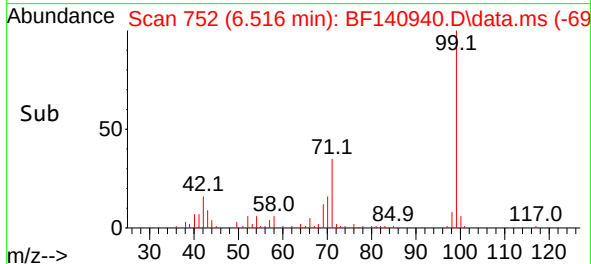
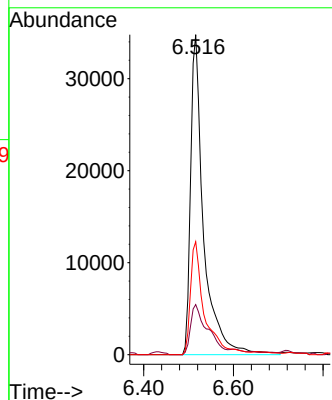
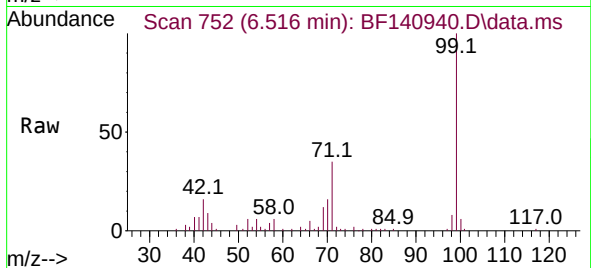




#7
Phenol-d6
Concen: 23.206 ng
RT: 6.516 min Scan# 71
Delta R.T. 0.017 min
Lab File: BF140940.D
Acq: 19 Dec 2024 21:19

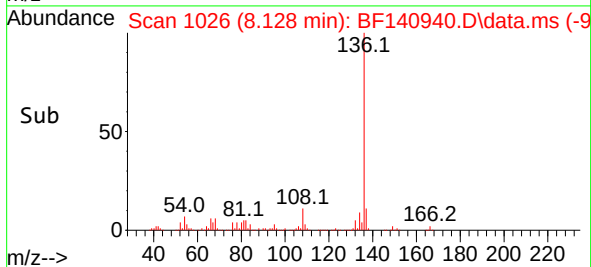
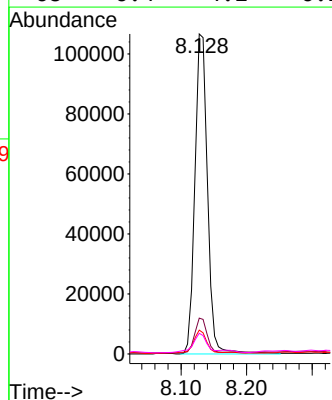
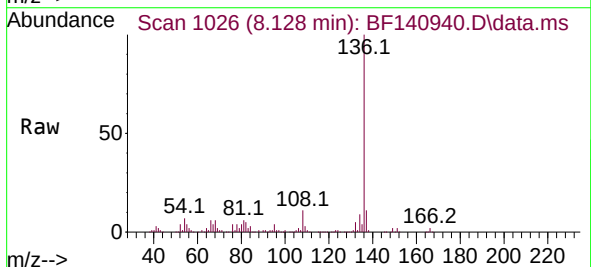
Instrument :
BNA_F
ClientSampleId :
HT2651

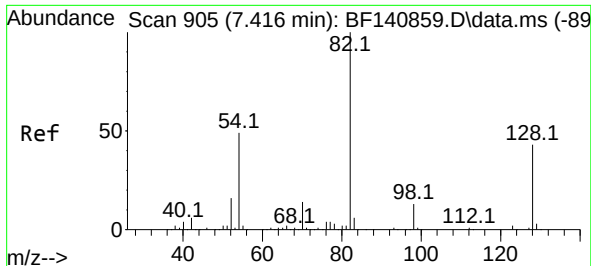
Tgt Ion: 99 Resp: 69914
Ion Ratio Lower Upper
99 100
42 15.7 14.3 21.5
71 35.3 29.9 44.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.128 min Scan# 1026
Delta R.T. -0.000 min
Lab File: BF140940.D
Acq: 19 Dec 2024 21:19

Tgt Ion: 136 Resp: 142951
Ion Ratio Lower Upper
136 100
137 11.2 9.0 13.4
54 7.5 5.6 8.4
68 6.4 4.2 6.2

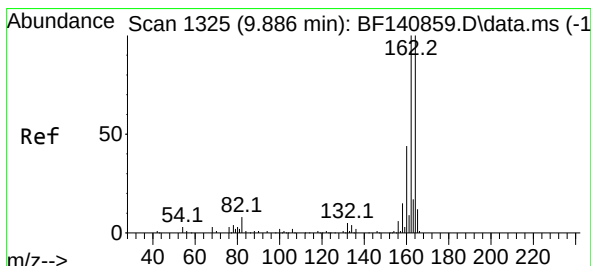
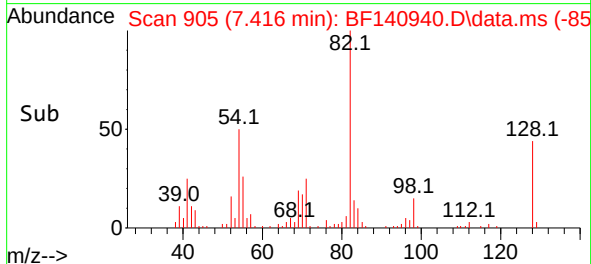
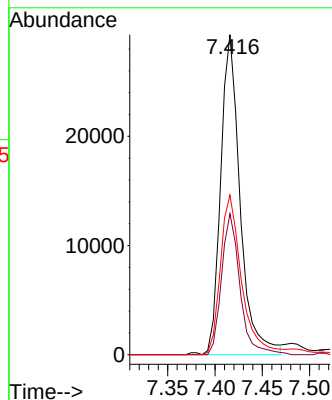
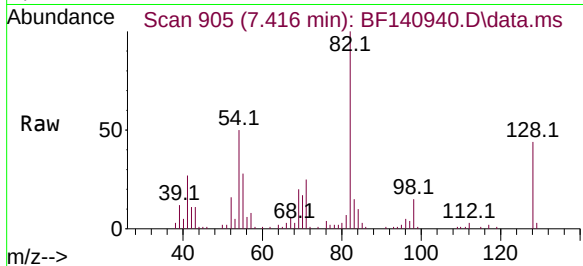




#23
Nitrobenzene-d5
Concen: 14.675 ng
RT: 7.416 min Scan# 905
Delta R.T. -0.000 min
Lab File: BF140940.D
Acq: 19 Dec 2024 21:19

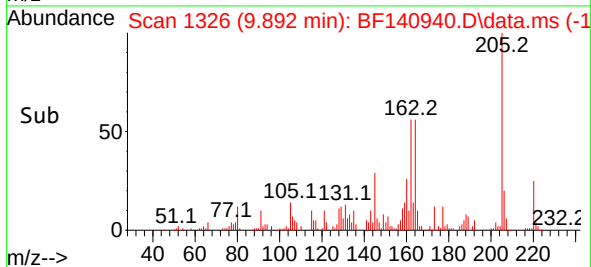
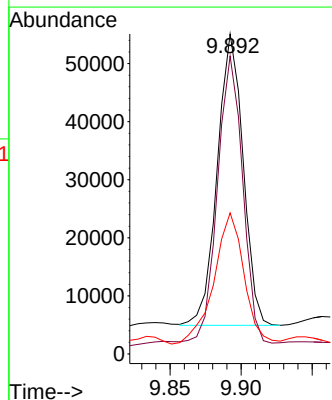
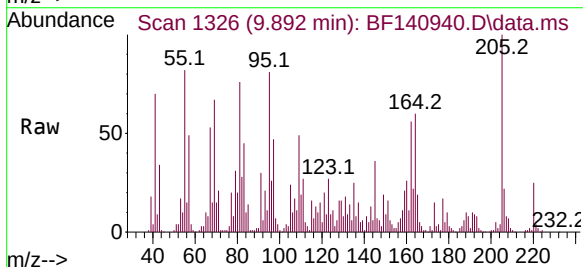
Instrument :
BNA_F
ClientSampleId :
HT2651

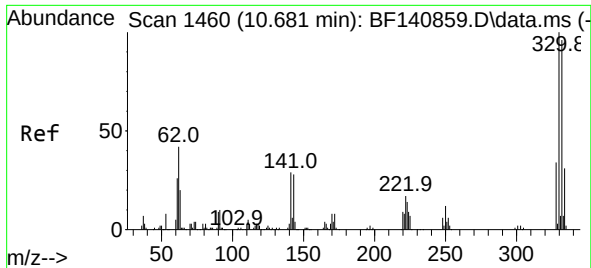
Tgt Ion: 82 Resp: 41929
Ion Ratio Lower Upper
82 100
128 44.0 34.4 51.6
54 49.8 38.8 58.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.892 min Scan# 1326
Delta R.T. 0.006 min
Lab File: BF140940.D
Acq: 19 Dec 2024 21:19

Tgt Ion:164 Resp: 63367
Ion Ratio Lower Upper
164 100
162 93.1 79.9 119.9
160 44.1 35.2 52.8





#42

2,4,6-Tribromophenol

Concen: 21.665 ng

RT: 10.698 min Scan# 1463

Delta R.T. 0.017 min

Lab File: BF140940.D

Acq: 19 Dec 2024 21:19

Instrument :

BNA_F

ClientSampleId :

HT2651

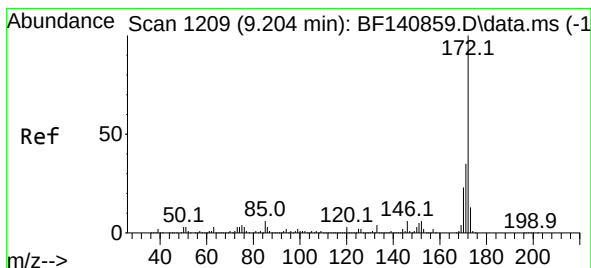
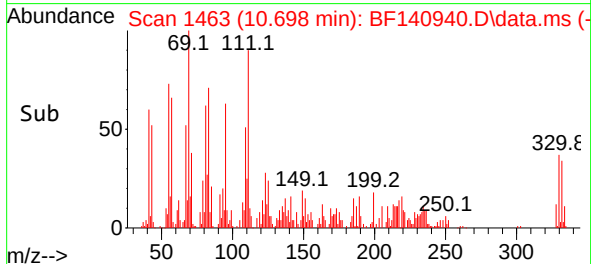
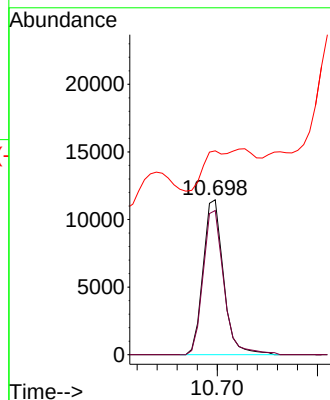
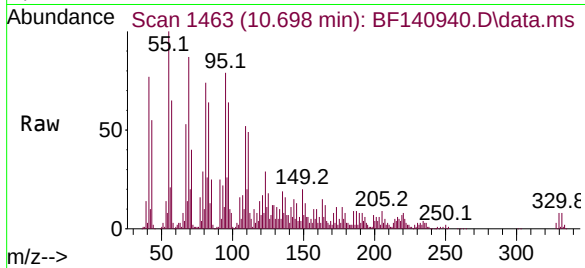
Tgt Ion:330 Resp: 16237

Ion Ratio Lower Upper

330 100

332 94.7 76.2 114.4

141 24.4 24.9 37.3#



#45

2-Fluorobiphenyl

Concen: 18.211 ng

RT: 9.204 min Scan# 1209

Delta R.T. -0.000 min

Lab File: BF140940.D

Acq: 19 Dec 2024 21:19

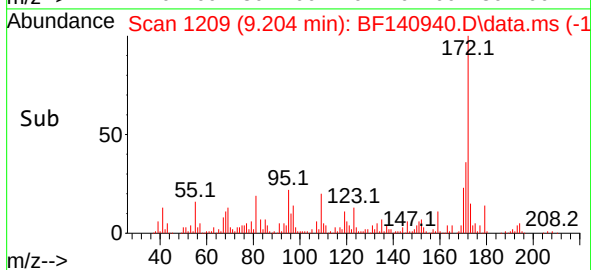
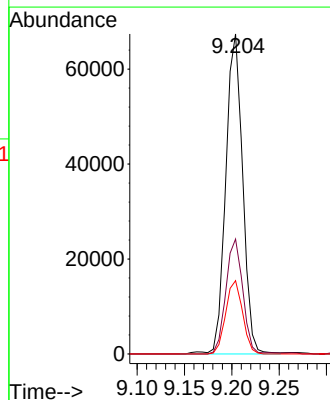
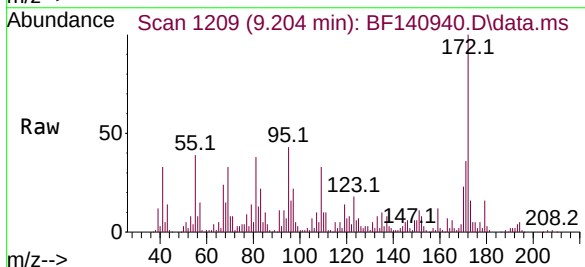
Tgt Ion:172 Resp: 83935

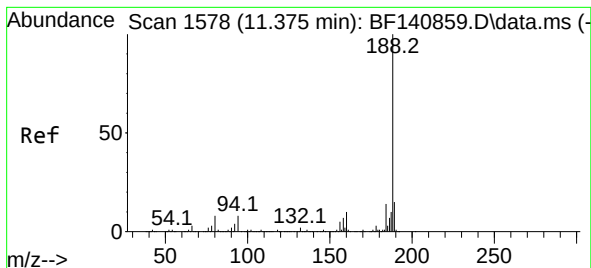
Ion Ratio Lower Upper

172 100

171 35.9 28.4 42.6

170 22.9 18.6 28.0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.398 min Scan# 1

Delta R.T. 0.023 min

Lab File: BF140940.D

Acq: 19 Dec 2024 21:19

Instrument :

BNA_F

ClientSampleId :

HT2651

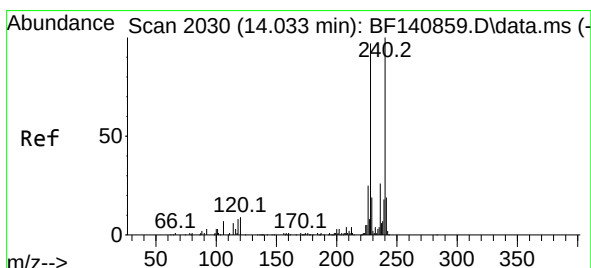
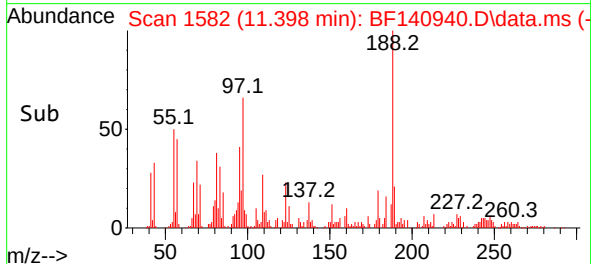
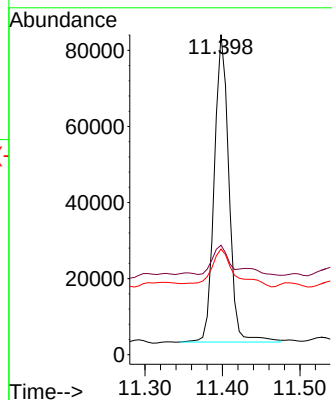
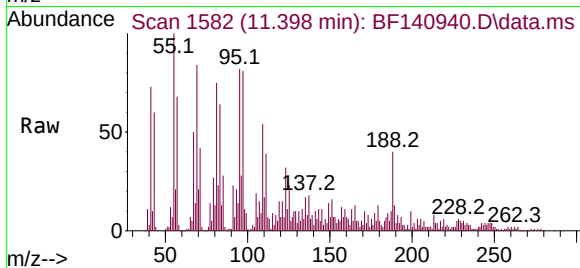
Tgt Ion:188 Resp: 106218

Ion Ratio Lower Upper

188 100

94 34.2 6.4 9.6#

80 33.0 6.8 10.2#



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.051 min Scan# 2033

Delta R.T. 0.017 min

Lab File: BF140940.D

Acq: 19 Dec 2024 21:19

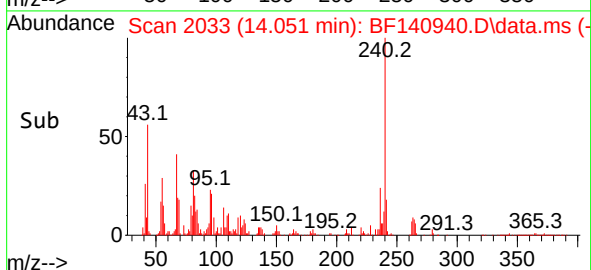
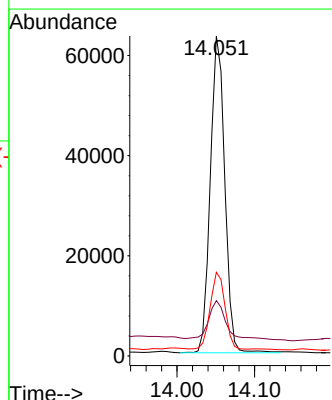
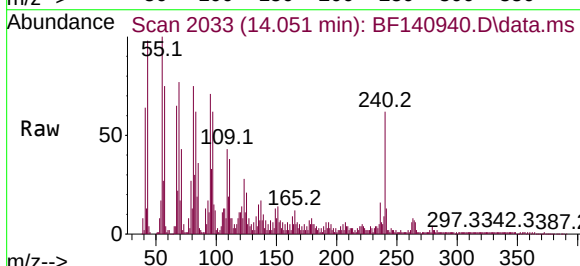
Tgt Ion:240 Resp: 82096

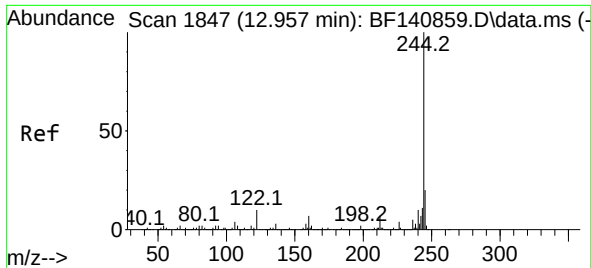
Ion Ratio Lower Upper

240 100

120 17.3 7.6 11.4#

236 26.2 20.5 30.7

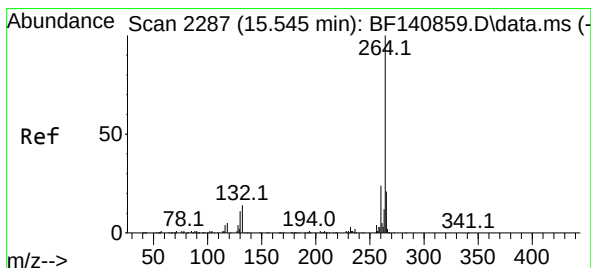
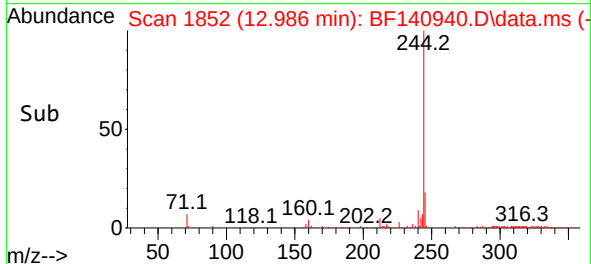
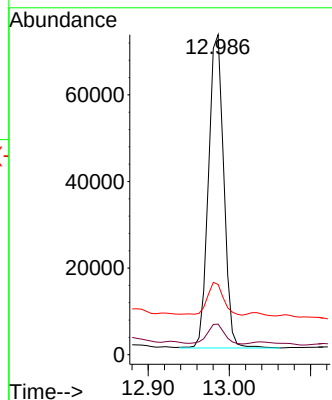
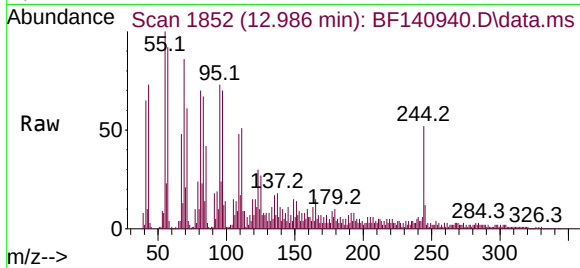




#79
 Terphenyl-d14
 Concen: 18.091 ng
 RT: 12.986 min Scan# 11
 Delta R.T. 0.029 min
 Lab File: BF140940.D
 Acq: 19 Dec 2024 21:19

Instrument :
 BNA_F
 ClientSampleId :
 HT2651

Tgt Ion:244 Resp: 94186
 Ion Ratio Lower Upper
 244 100
 212 9.5 5.6 8.4#
 122 22.0 8.2 12.2#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.557 min Scan# 2289
 Delta R.T. 0.012 min
 Lab File: BF140940.D
 Acq: 19 Dec 2024 21:19

Tgt Ion:264 Resp: 66926
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.1 28.7
 265 22.3 17.0 25.4

