

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102924\
Data File : BF140142.D
Acq On : 30 Oct 2024 05:32
Operator : RC/JU
Sample : P4594-08
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BP-F17

Quant Time: Oct 30 05:57:43 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 18 15:07:50 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	129375	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	507430	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	266364	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	401322	20.000	ng	0.00
76) Chrysene-d12	14.051	240	255998	20.000	ng	0.00
86) Perylene-d12	15.533	264	188586	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	855705	103.544	ng	0.02
7) Phenol-d6	6.510	99	1022063	95.489	ng	0.00
23) Nitrobenzene-d5	7.445	82	804957	87.921	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	270872	108.719	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1427864	88.594	ng	0.00
79) Terphenyl-d14	12.998	244	1229958	78.289	ng	0.00

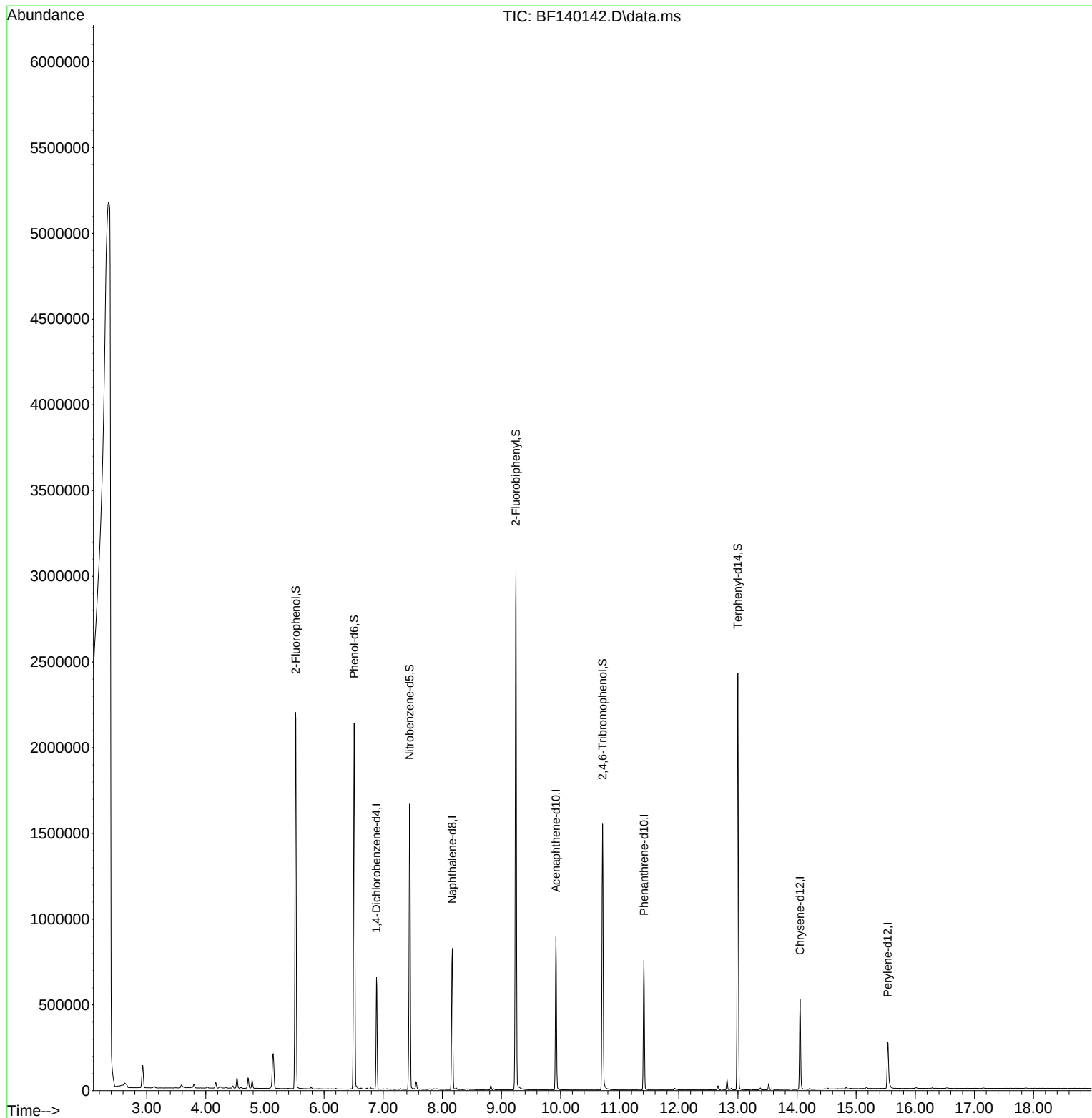
Target Compounds	Qvalue

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

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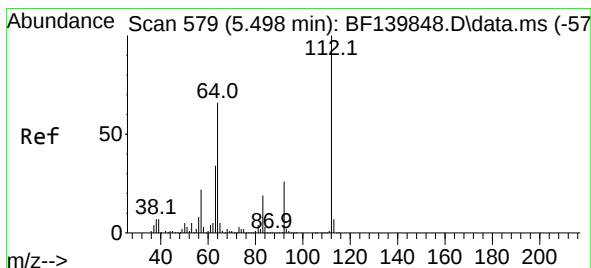
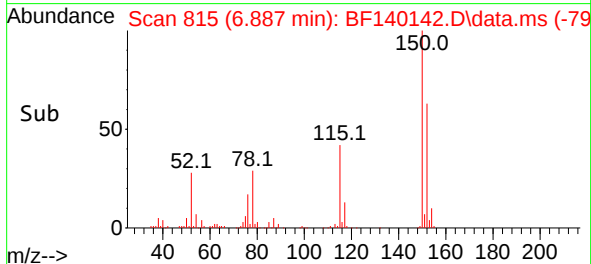
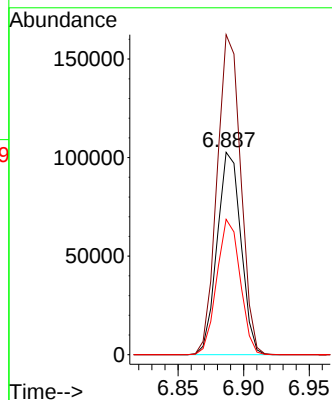
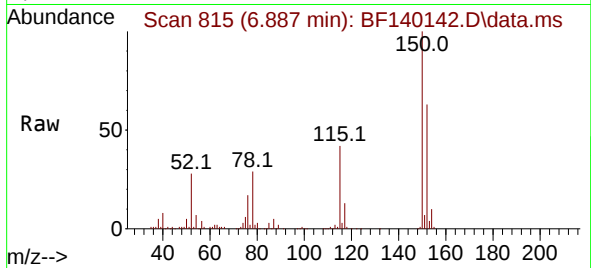




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.887 min Scan# 816
Delta R.T. -0.005 min
Lab File: BF140142.D
Acq: 30 Oct 2024 05:32

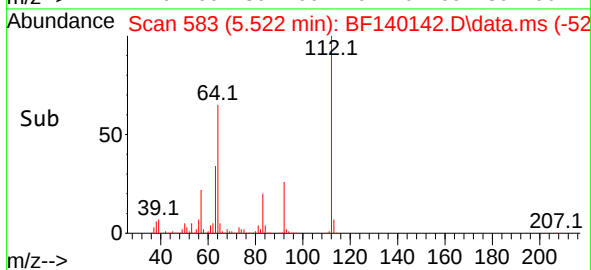
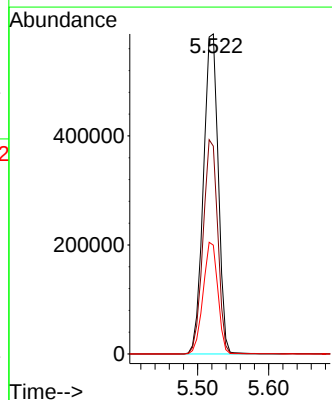
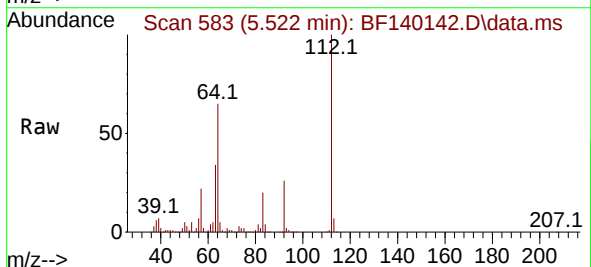
Instrument :
BNA_F
ClientSampleId :
BP-F17

Tgt Ion:152 Resp: 129375
Ion Ratio Lower Upper
152 100
150 158.1 130.2 195.2
115 66.9 51.4 77.2



#5
2-Fluorophenol
Concen: 103.544 ng
RT: 5.522 min Scan# 583
Delta R.T. 0.024 min
Lab File: BF140142.D
Acq: 30 Oct 2024 05:32

Tgt Ion:112 Resp: 855705
Ion Ratio Lower Upper
112 100
64 64.9 53.0 79.6
63 34.0 27.0 40.4





#7
Phenol-d6
Concen: 95.489 ng
RT: 6.510 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF140142.D
Acq: 30 Oct 2024 05:32

Instrument :

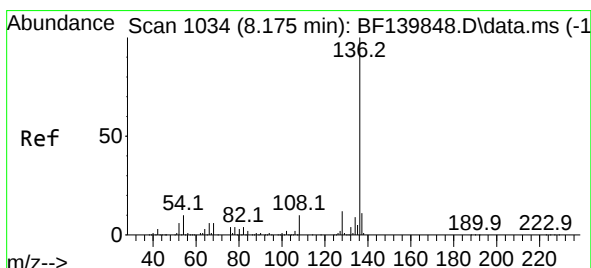
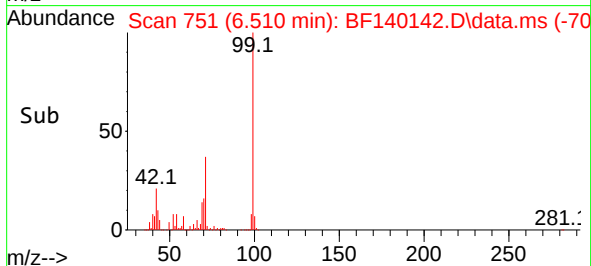
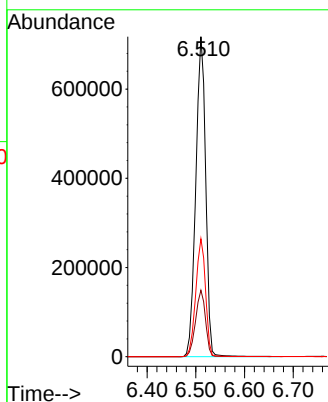
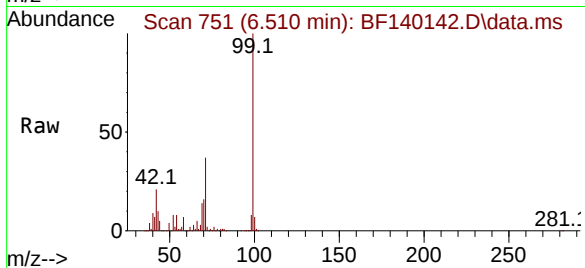
BNA_F

ClientSampleId :

BP-F17

Tgt Ion: 99 Resp: 1022063

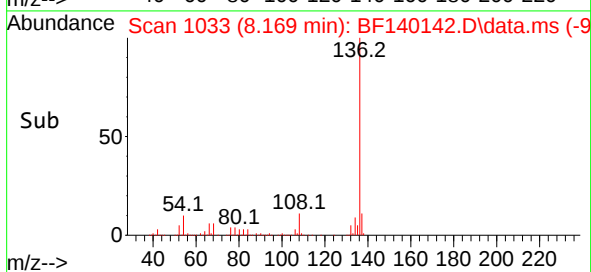
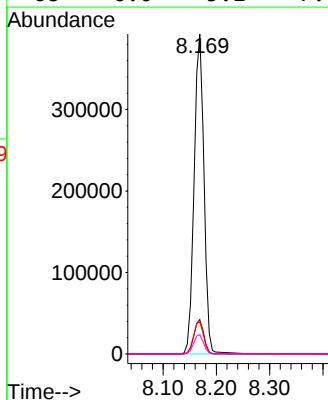
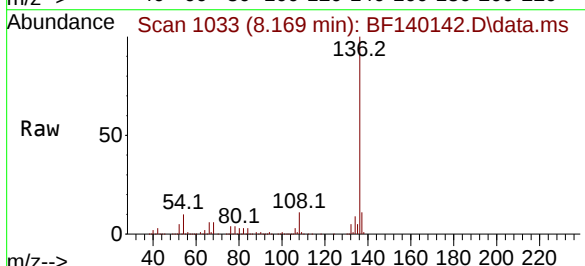
Ion	Ratio	Lower	Upper
99	100		
42	20.7	16.7	25.1
71	36.9	27.7	41.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1033
Delta R.T. -0.006 min
Lab File: BF140142.D
Acq: 30 Oct 2024 05:32

Tgt Ion: 136 Resp: 507430

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.6	12.8
54	10.0	8.4	12.6
68	6.0	5.1	7.7

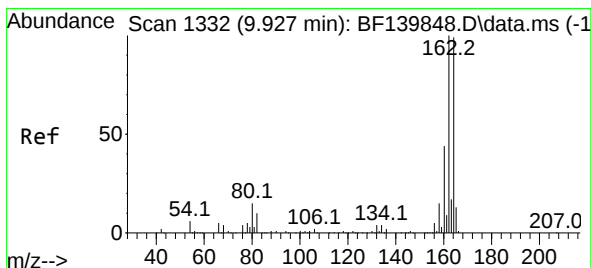
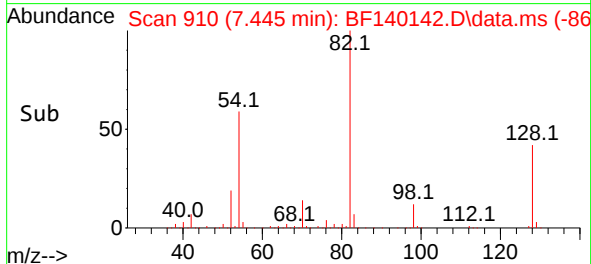
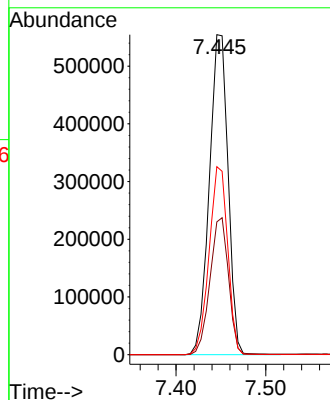
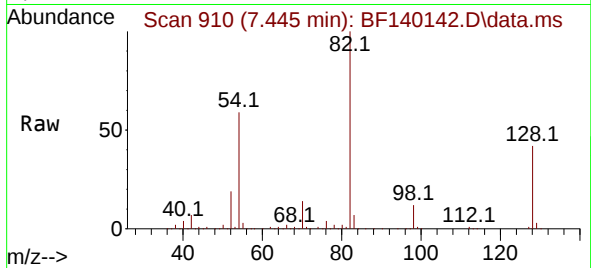




#23
Nitrobenzene-d5
Concen: 87.921 ng
RT: 7.445 min Scan# 911
Delta R.T. -0.006 min
Lab File: BF140142.D
Acq: 30 Oct 2024 05:32

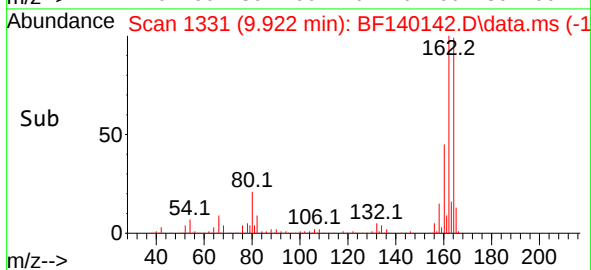
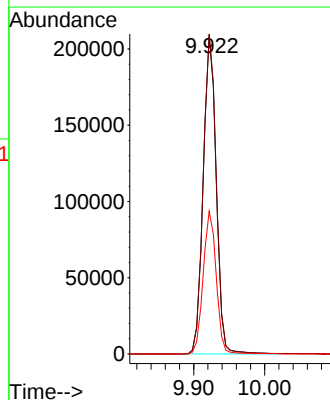
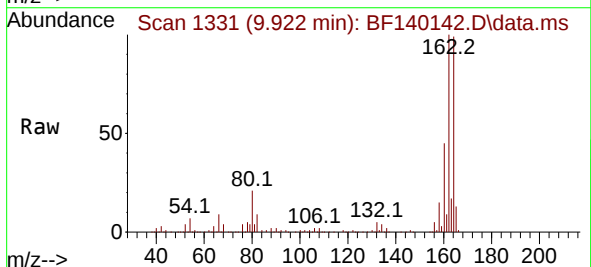
Instrument :
BNA_F
ClientSampleId :
BP-F17

Tgt Ion: 82 Resp: 804957
Ion Ratio Lower Upper
82 100
128 41.5 33.4 50.0
54 58.8 47.8 71.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1331
Delta R.T. -0.005 min
Lab File: BF140142.D
Acq: 30 Oct 2024 05:32

Tgt Ion:164 Resp: 266364
Ion Ratio Lower Upper
164 100
162 100.7 81.0 121.4
160 44.9 35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 108.719 ng

RT: 10.710 min Scan# 1465

Delta R.T. -0.006 min

Lab File: BF140142.D

Acq: 30 Oct 2024 05:32

Instrument :

BNA_F

ClientSampleId :

BP-F17

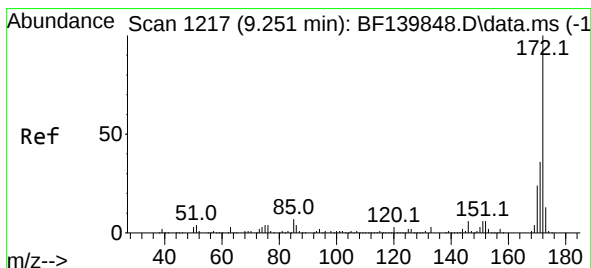
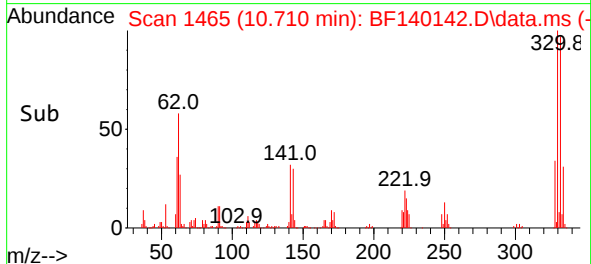
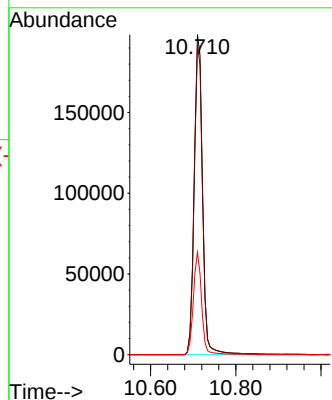
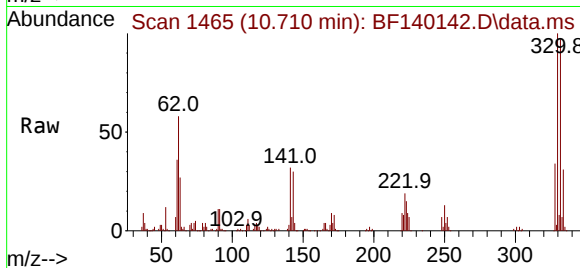
Tgt Ion:330 Resp: 270872

Ion Ratio Lower Upper

330 100

332 97.3 78.1 117.1

141 31.6 26.6 39.8



#45

2-Fluorobiphenyl

Concen: 88.594 ng

RT: 9.245 min Scan# 1216

Delta R.T. -0.006 min

Lab File: BF140142.D

Acq: 30 Oct 2024 05:32

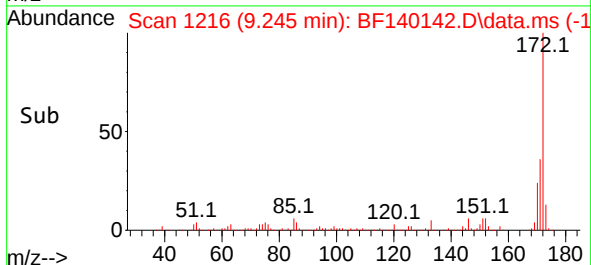
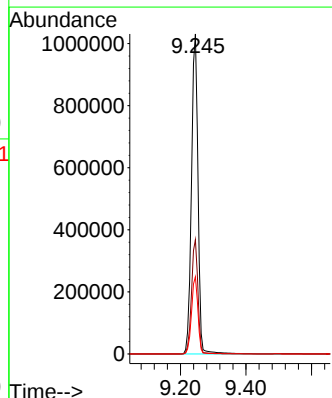
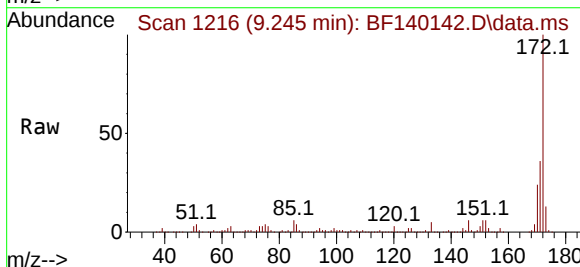
Tgt Ion:172 Resp: 1427864

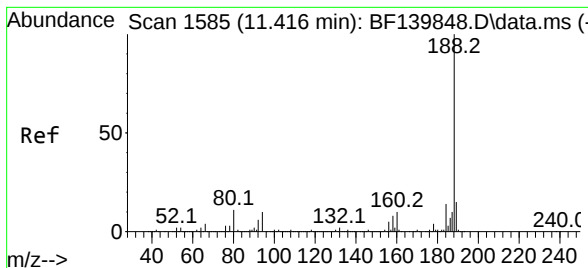
Ion Ratio Lower Upper

172 100

171 35.7 28.6 43.0

170 24.1 19.1 28.7





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.410 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF140142.D

Acq: 30 Oct 2024 05:32

Instrument :

BNA_F

ClientSampleId :

BP-F17

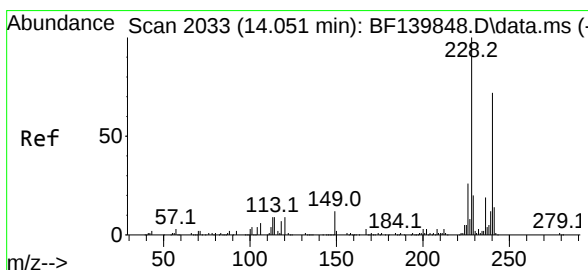
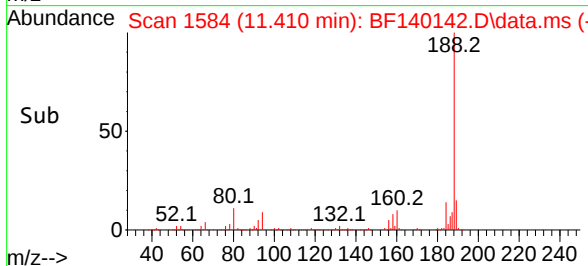
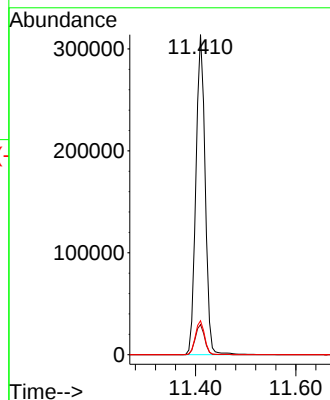
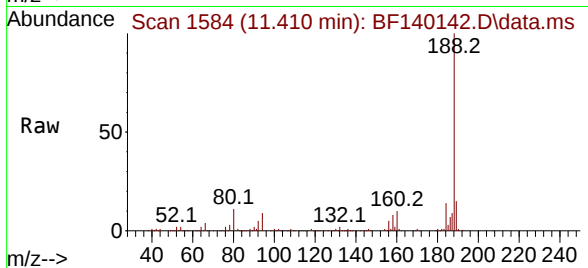
Tgt Ion:188 Resp: 401322

Ion Ratio Lower Upper

188 100

94 9.4 7.9 11.9

80 10.6 9.0 13.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.051 min Scan# 2033

Delta R.T. 0.000 min

Lab File: BF140142.D

Acq: 30 Oct 2024 05:32

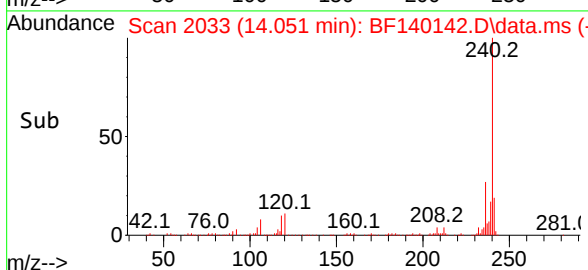
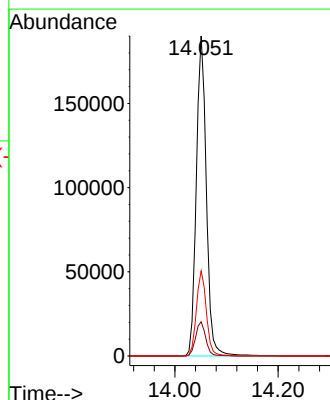
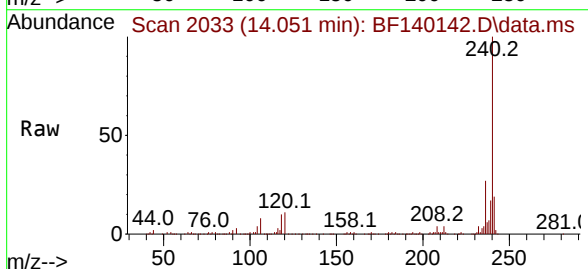
Tgt Ion:240 Resp: 255998

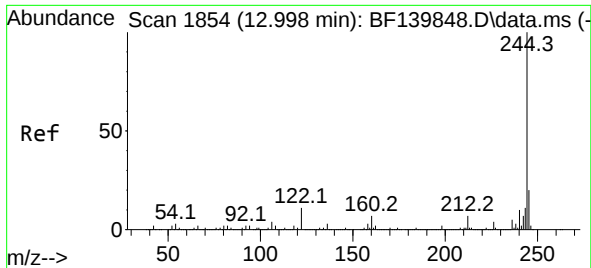
Ion Ratio Lower Upper

240 100

120 10.7 9.4 14.2

236 26.6 20.9 31.3

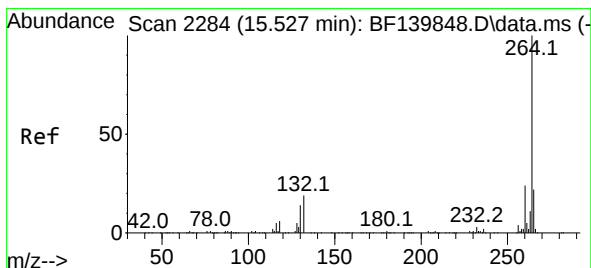
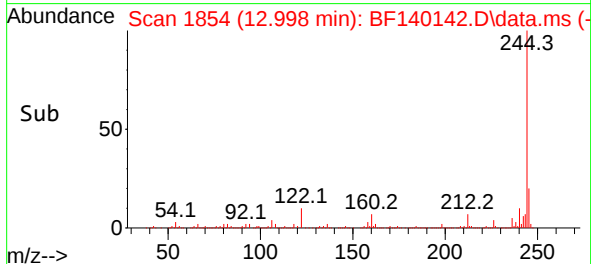
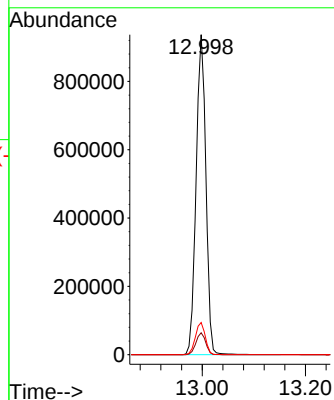
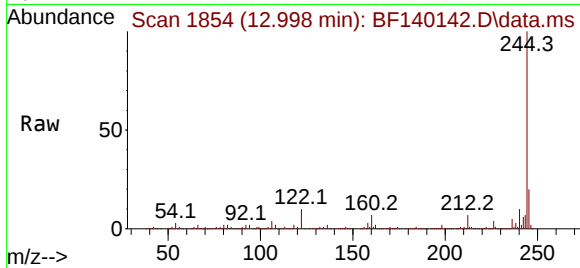




#79
 Terphenyl-d14
 Concen: 78.289 ng
 RT: 12.998 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF140142.D
 Acq: 30 Oct 2024 05:32

Instrument :
 BNA_F
 ClientSampleId :
 BP-F17

Tgt Ion:244 Resp: 1229958
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.7 8.5
 122 10.0 8.6 13.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.533 min Scan# 2285
 Delta R.T. 0.006 min
 Lab File: BF140142.D
 Acq: 30 Oct 2024 05:32

Tgt Ion:264 Resp: 188586
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.4 29.2
 265 21.0 17.4 26.0

