

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111924\
 Data File : BF140482.D
 Acq On : 19 Nov 2024 19:02
 Operator : RC/JU
 Sample : P4768-03
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-3-3

Quant Time: Nov 20 00:11:05 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	6.875	152	163847	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	576180	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	259394	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	406415	20.000	ng	0.00
76) Chrysene-d12	14.045	240	265711	20.000	ng	0.00
86) Perylene-d12	15.527	264	205466	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	817302	85.168	ng	0.02
7) Phenol-d6	6.510	99	1044463	80.334	ng	0.00
23) Nitrobenzene-d5	7.434	82	663118	59.964	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	188155	72.943	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	1105394	68.505	ng	0.00
79) Terphenyl-d14	12.980	244	911587	59.551	ng	0.00

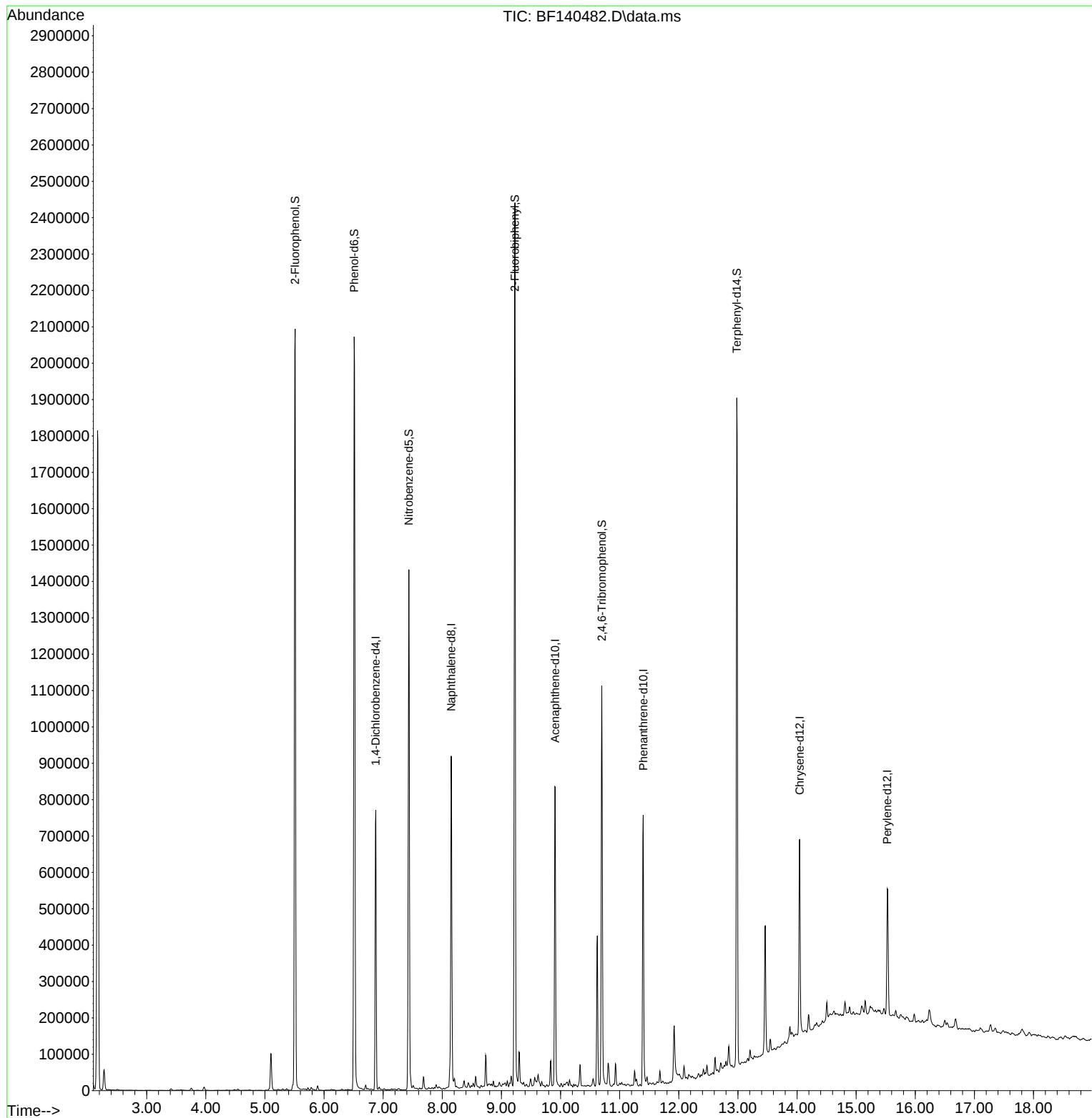
Target Compounds	Qvalue

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

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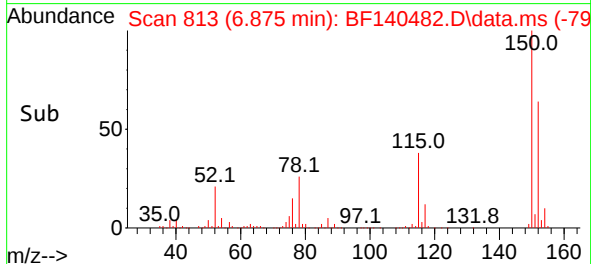
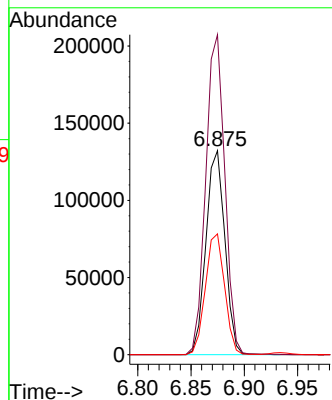
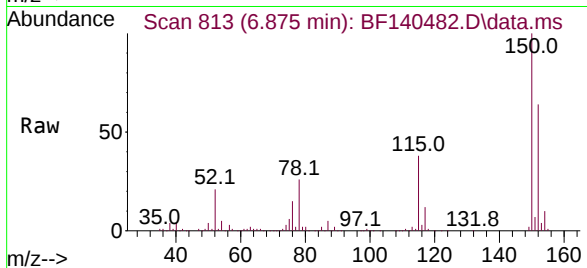




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.875 min Scan# 813
 Delta R.T. -0.006 min
 Lab File: BF140482.D
 Acq: 19 Nov 2024 19:02

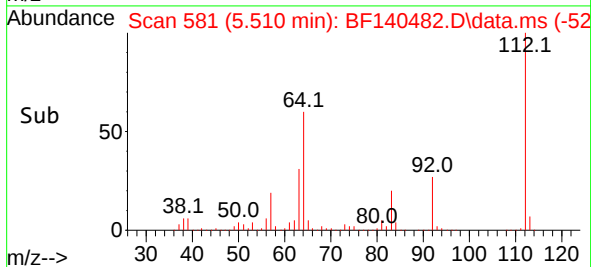
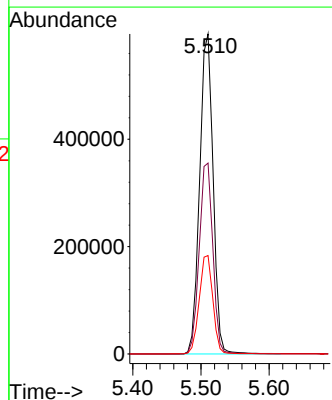
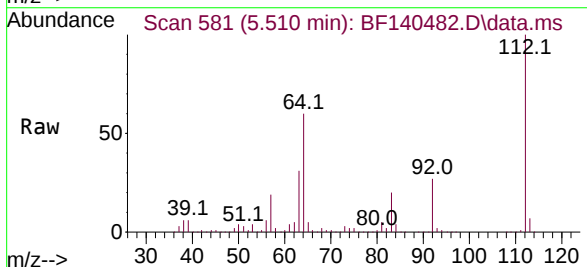
Instrument :
 BNA_F
 ClientSampleId :
 B-3-3

Tgt Ion:152 Resp: 163847
 Ion Ratio Lower Upper
 152 100
 150 156.9 127.4 191.0
 115 59.3 47.4 71.2



#5
 2-Fluorophenol
 Concen: 85.168 ng
 RT: 5.510 min Scan# 581
 Delta R.T. 0.018 min
 Lab File: BF140482.D
 Acq: 19 Nov 2024 19:02

Tgt Ion:112 Resp: 817302
 Ion Ratio Lower Upper
 112 100
 64 59.7 49.2 73.8
 63 30.8 25.6 38.4





#7

Phenol-d6

Concen: 80.334 ng

RT: 6.510 min Scan# 71

Delta R.T. 0.006 min

Lab File: BF140482.D

Acq: 19 Nov 2024 19:02

Instrument :

BNA_F

ClientSampleId :

B-3-3

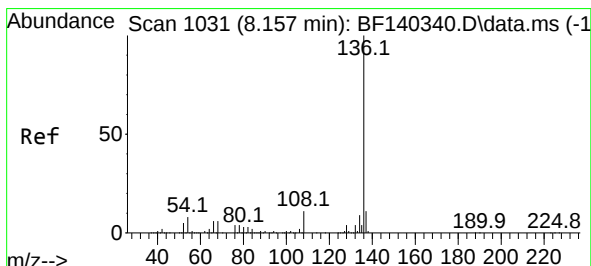
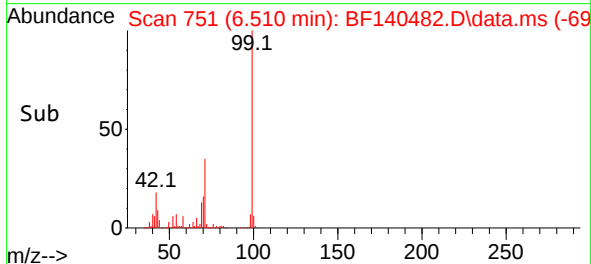
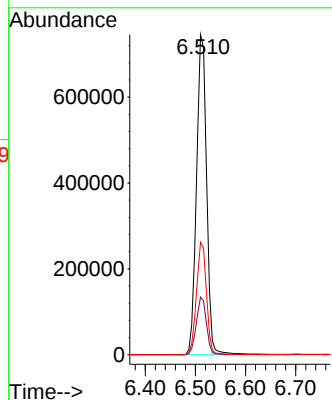
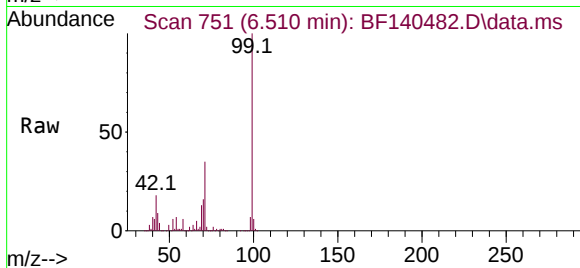
Tgt Ion: 99 Resp: 1044463

Ion Ratio Lower Upper

99 100

42 18.0 15.1 22.7

71 35.1 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: BF140482.D

Acq: 19 Nov 2024 19:02

Tgt Ion: 136 Resp: 576180

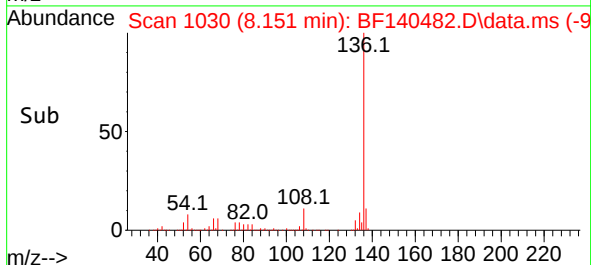
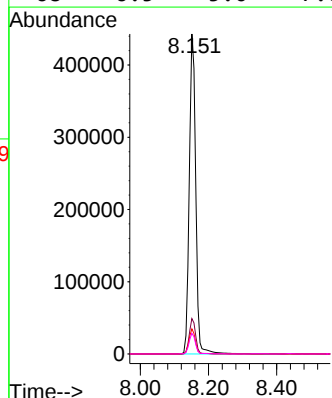
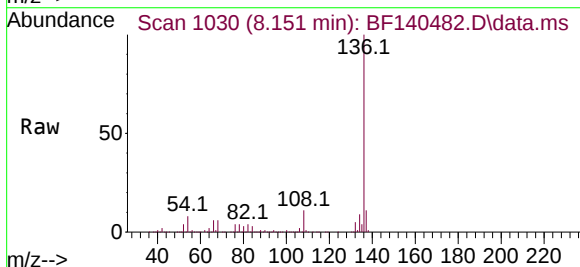
Ion Ratio Lower Upper

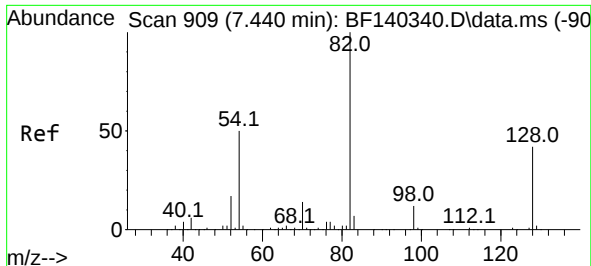
136 100

137 11.1 8.7 13.1

54 7.8 6.5 9.7

68 6.5 5.0 7.6

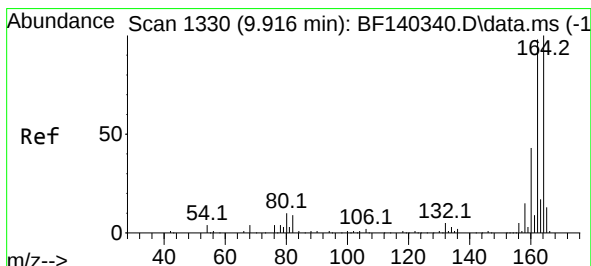
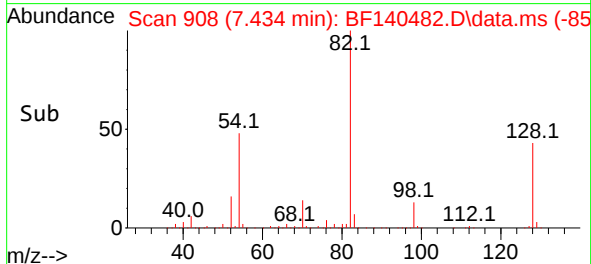
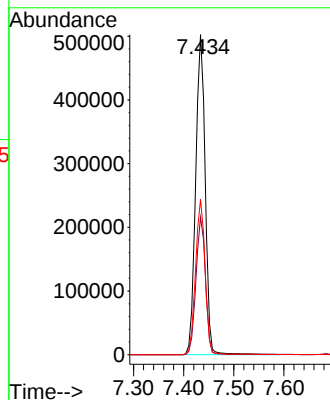
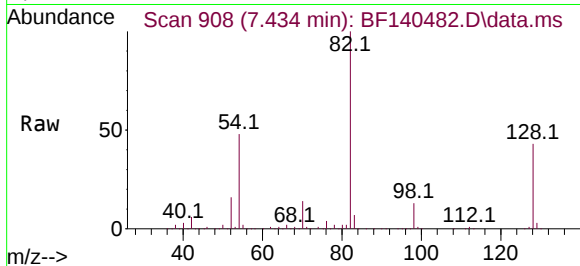




#23
 Nitrobenzene-d5
 Concen: 59.964 ng
 RT: 7.434 min Scan# 909
 Delta R.T. -0.006 min
 Lab File: BF140482.D
 Acq: 19 Nov 2024 19:02

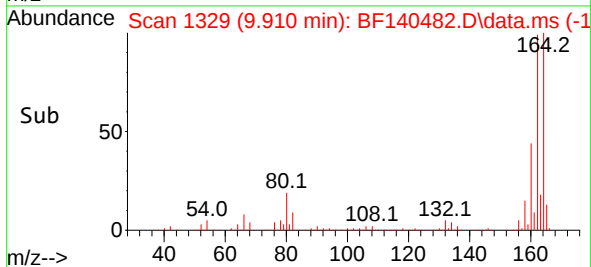
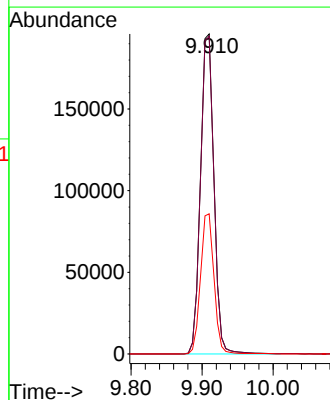
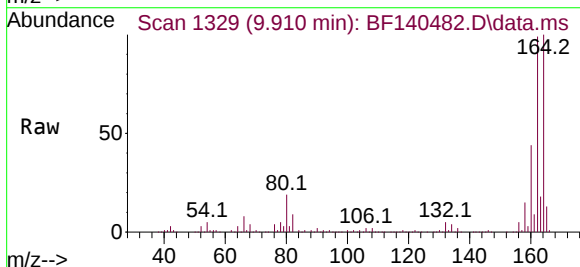
Instrument :
 BNA_F
 ClientSampleId :
 B-3-3

Tgt Ion: 82 Resp: 663118
 Ion Ratio Lower Upper
 82 100
 128 42.9 33.3 49.9
 54 48.5 39.8 59.8



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.910 min Scan# 1329
 Delta R.T. -0.006 min
 Lab File: BF140482.D
 Acq: 19 Nov 2024 19:02

Tgt Ion:164 Resp: 259394
 Ion Ratio Lower Upper
 164 100
 162 99.3 79.8 119.8
 160 43.8 35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 72.943 ng

RT: 10.698 min Scan# 1463

Delta R.T. -0.006 min

Lab File: BF140482.D

Acq: 19 Nov 2024 19:02

Instrument :

BNA_F

ClientSampleId :

B-3-3

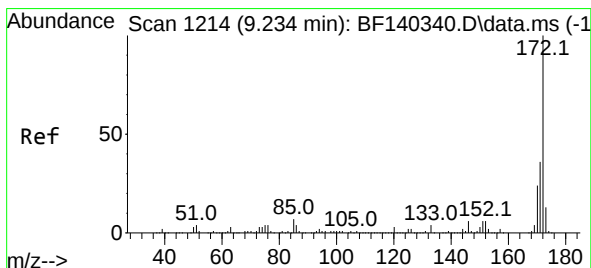
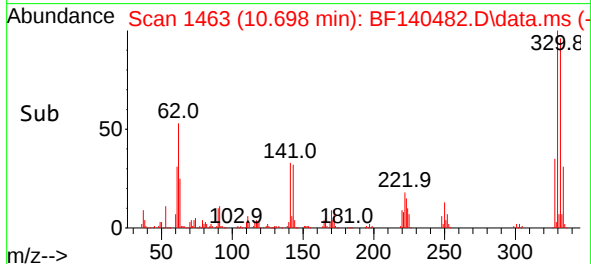
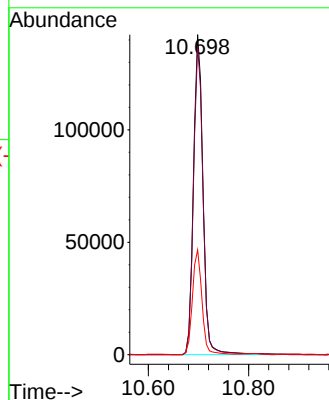
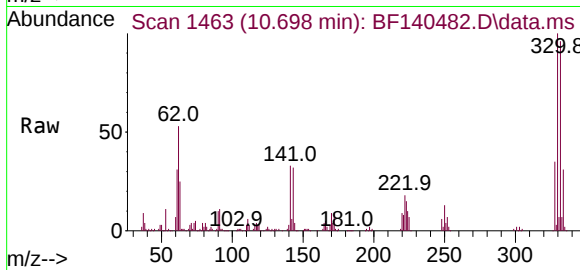
Tgt Ion:330 Resp: 188155

Ion Ratio Lower Upper

330 100

332 95.8 75.9 113.9

141 32.8 26.9 40.3



#45

2-Fluorobiphenyl

Concen: 68.505 ng

RT: 9.228 min Scan# 1213

Delta R.T. -0.006 min

Lab File: BF140482.D

Acq: 19 Nov 2024 19:02

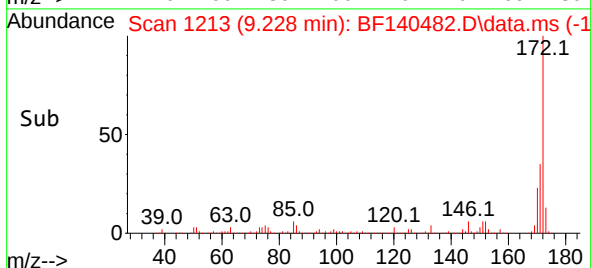
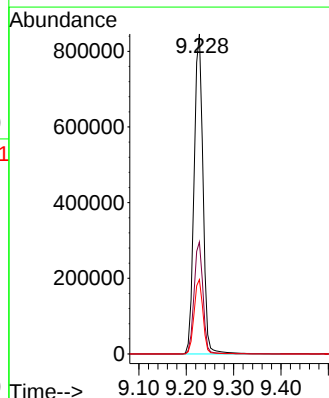
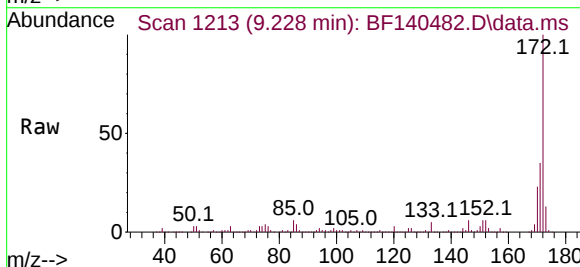
Tgt Ion:172 Resp: 1105394

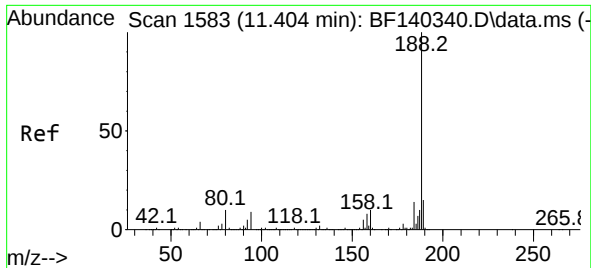
Ion Ratio Lower Upper

172 100

171 35.0 28.5 42.7

170 23.3 19.1 28.7

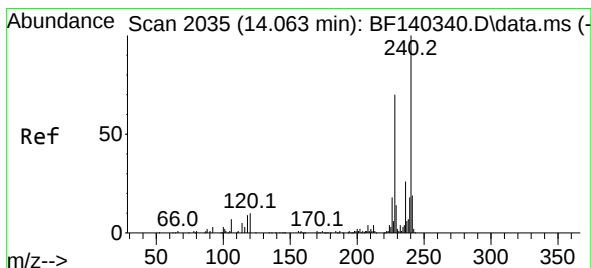
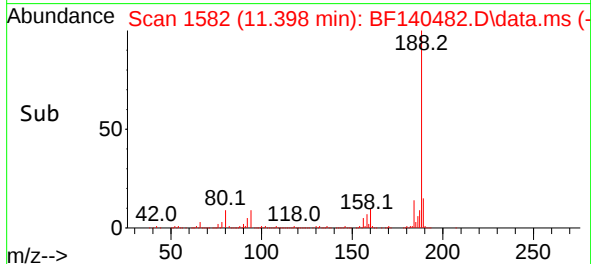
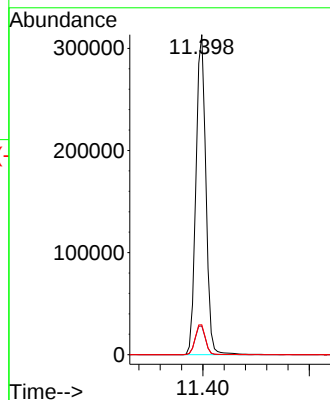
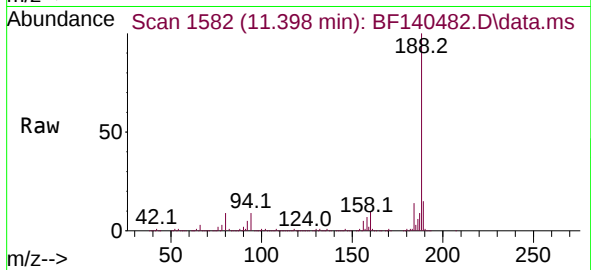




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF140482.D
Acq: 19 Nov 2024 19:02

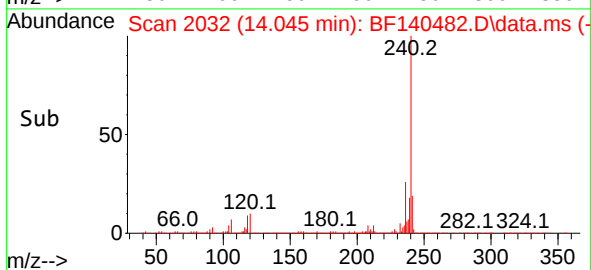
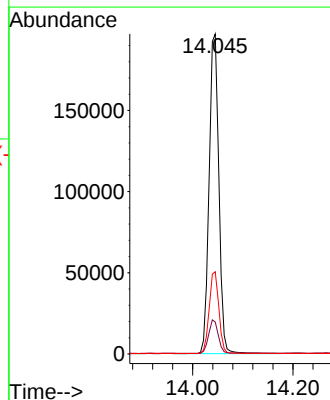
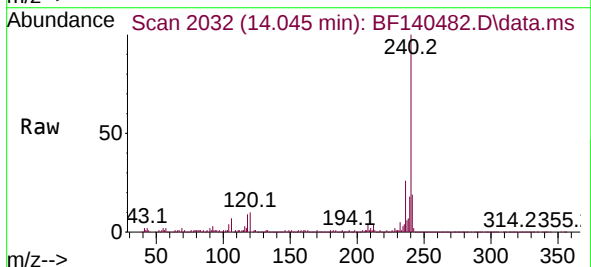
Instrument :
BNA_F
ClientSampleId :
B-3-3

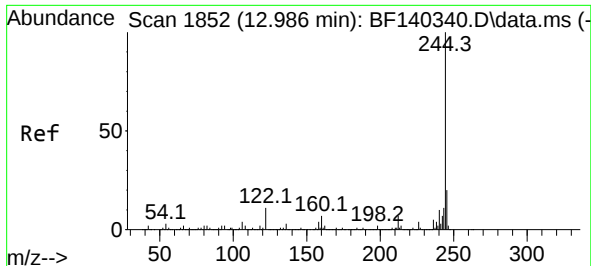
Tgt Ion:188 Resp: 406415
Ion Ratio Lower Upper
188 100
94 8.9 7.6 11.4
80 9.3 8.0 12.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2032
Delta R.T. -0.006 min
Lab File: BF140482.D
Acq: 19 Nov 2024 19:02

Tgt Ion:240 Resp: 265711
Ion Ratio Lower Upper
240 100
120 10.0 8.8 13.2
236 25.7 20.9 31.3

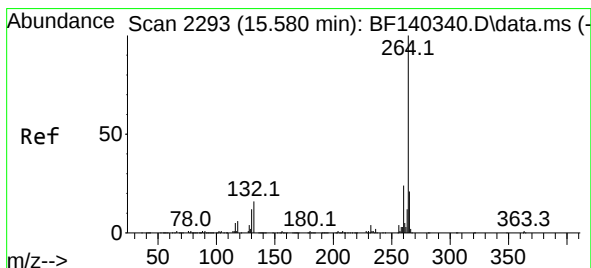
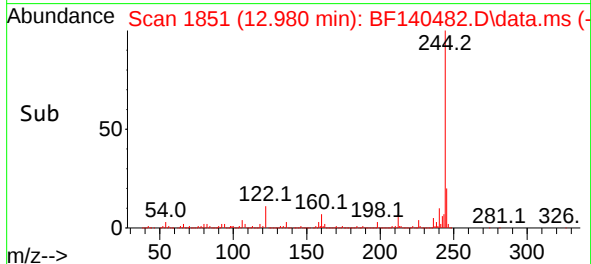
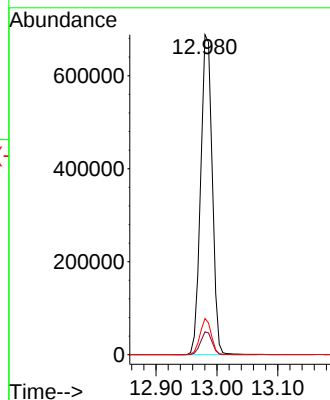
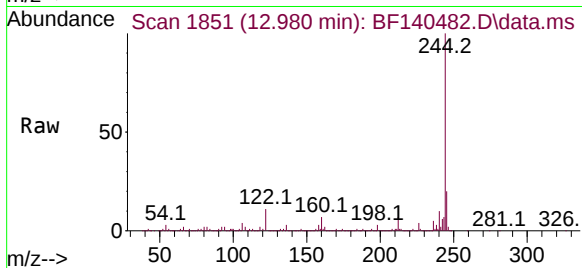




#79
 Terphenyl-d14
 Concen: 59.551 ng
 RT: 12.980 min Scan# 1851
 Delta R.T. -0.006 min
 Lab File: BF140482.D
 Acq: 19 Nov 2024 19:02

Instrument :
 BNA_F
 ClientSampleId :
 B-3-3

Tgt Ion:244 Resp: 911587
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.8 8.8
 122 11.3 8.8 13.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.527 min Scan# 2284
 Delta R.T. -0.029 min
 Lab File: BF140482.D
 Acq: 19 Nov 2024 19:02

Tgt Ion:264 Resp: 205466
 Ion Ratio Lower Upper
 264 100
 260 23.3 19.2 28.8
 265 21.5 17.1 25.7

