

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111924\
 Data File : BF140484.D
 Acq On : 19 Nov 2024 19:54
 Operator : RC/JU
 Sample : P4908-01
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-1

Quant Time: Nov 20 00:11:35 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	129619	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	458959	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	208804	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	339102	20.000	ng	0.00
76) Chrysene-d12	14.045	240	209256	20.000	ng	0.00
86) Perylene-d12	15.527	264	164972	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	700674	92.295	ng	0.01
7) Phenol-d6	6.510	99	907107	88.193	ng	0.00
23) Nitrobenzene-d5	7.434	82	568019	64.484	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	178217	85.830	ng	0.00
45) 2-Fluorobiphenyl	9.227	172	971175	74.769	ng	0.00
79) Terphenyl-d14	12.986	244	818169	67.868	ng	0.00

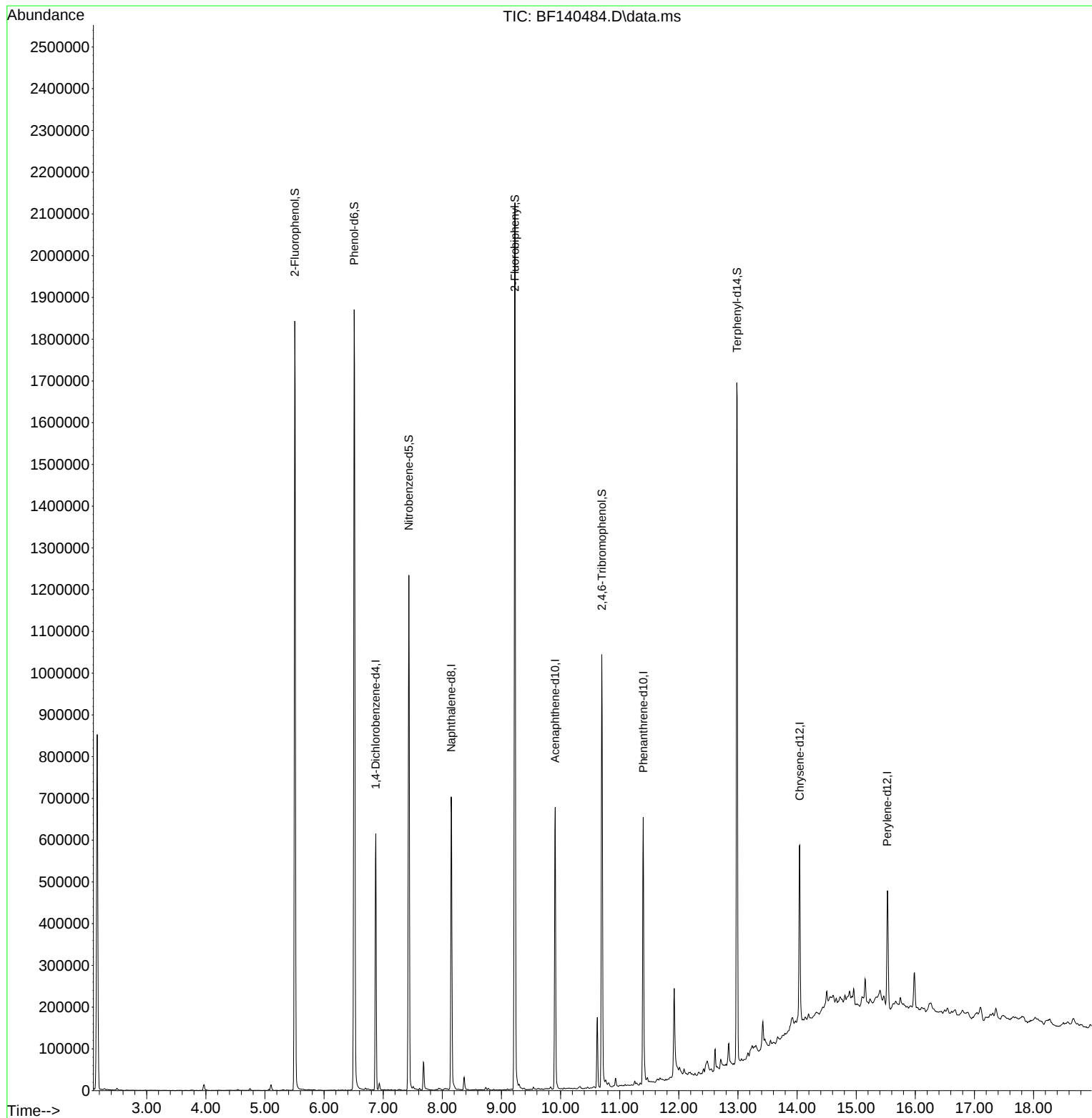
Target Compounds	Qvalue

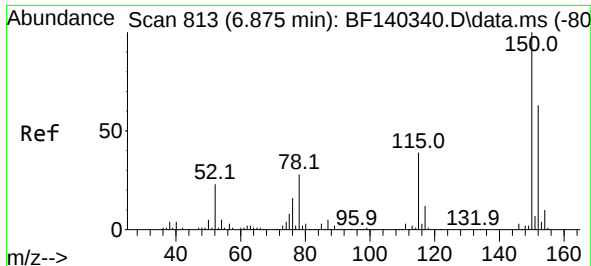
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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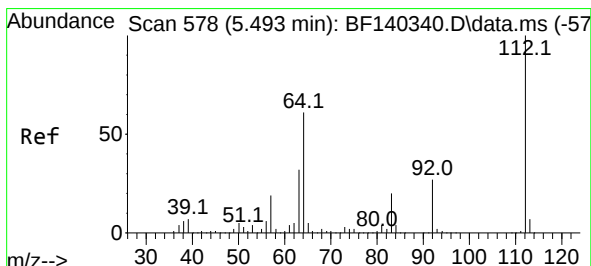
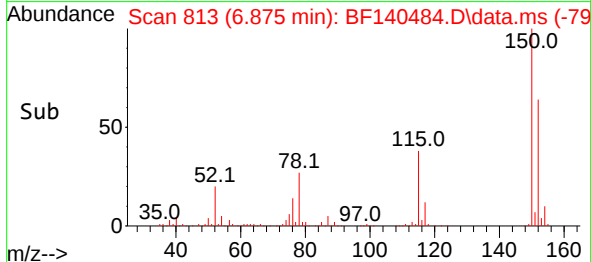
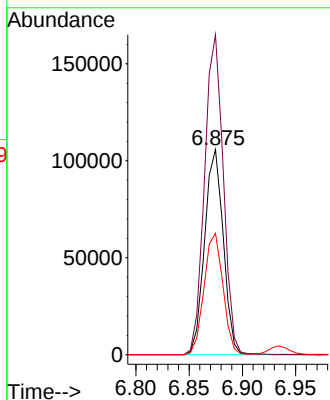
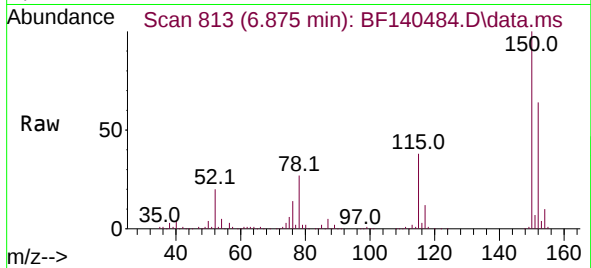




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF140484.D
Acq: 19 Nov 2024 19:54

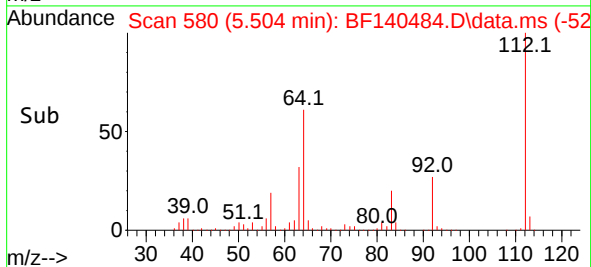
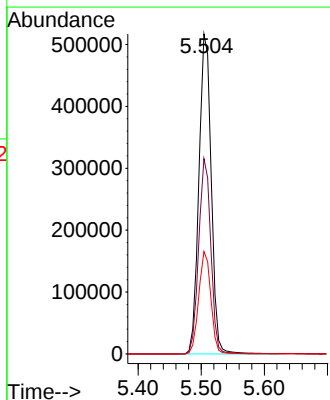
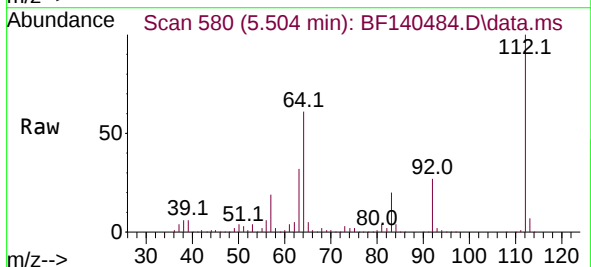
Instrument :
BNA_F
ClientSampleId :
SP-1

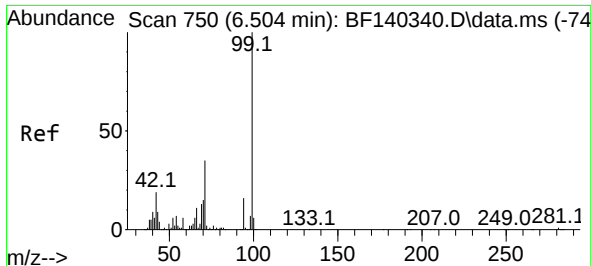
Tgt Ion:152 Resp: 129619
Ion Ratio Lower Upper
152 100
150 156.0 127.4 191.0
115 59.2 47.4 71.2



#5
2-Fluorophenol
Concen: 92.295 ng
RT: 5.504 min Scan# 580
Delta R.T. 0.012 min
Lab File: BF140484.D
Acq: 19 Nov 2024 19:54

Tgt Ion:112 Resp: 700674
Ion Ratio Lower Upper
112 100
64 61.0 49.2 73.8
63 32.0 25.6 38.4

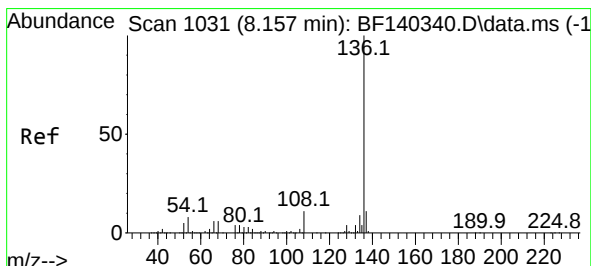
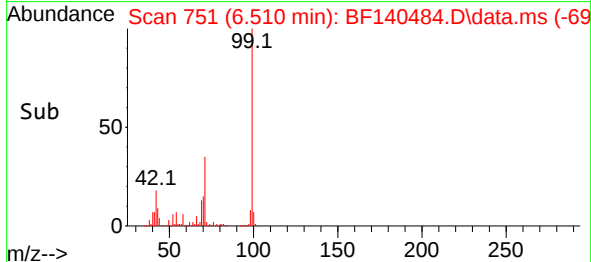
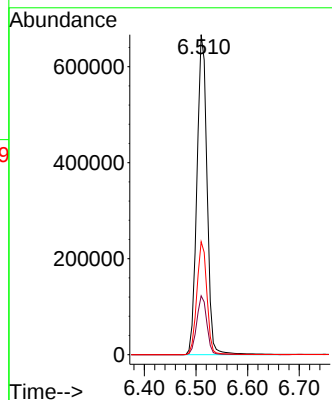
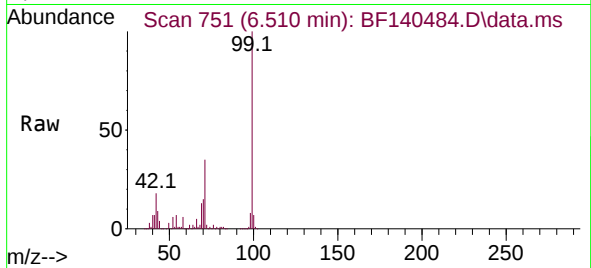




#7
Phenol-d6
Concen: 88.193 ng
RT: 6.510 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF140484.D
Acq: 19 Nov 2024 19:54

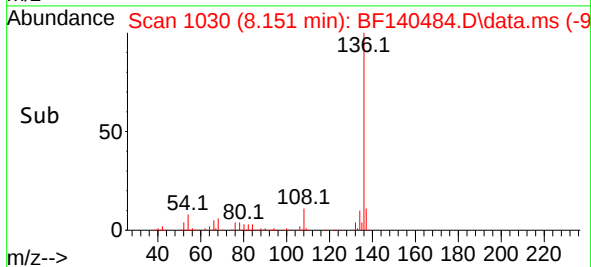
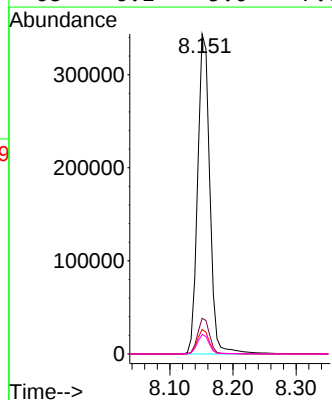
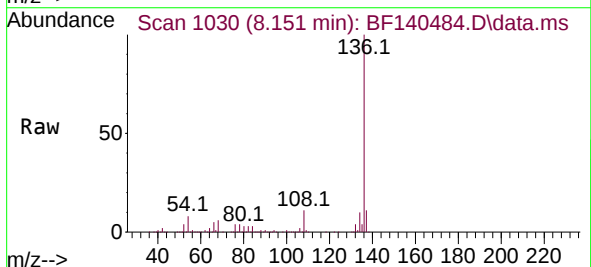
Instrument :
BNA_F
ClientSampleId :
SP-1

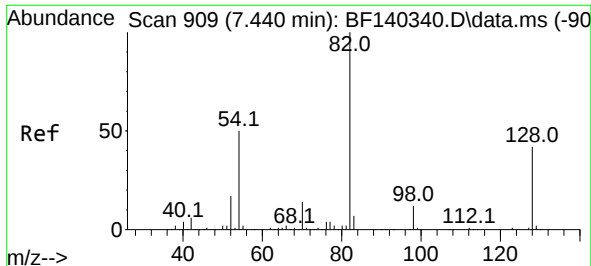
Tgt Ion: 99 Resp: 907107
Ion Ratio Lower Upper
99 100
42 18.4 15.1 22.7
71 35.3 27.9 41.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BF140484.D
Acq: 19 Nov 2024 19:54

Tgt Ion: 136 Resp: 458959
Ion Ratio Lower Upper
136 100
137 11.2 8.7 13.1
54 7.7 6.5 9.7
68 6.1 5.0 7.6

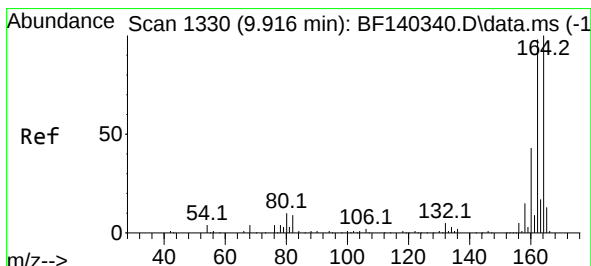
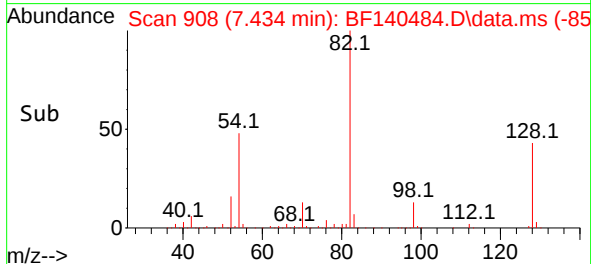
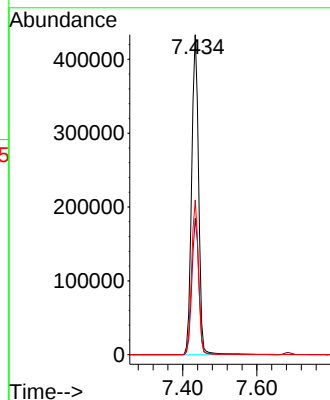
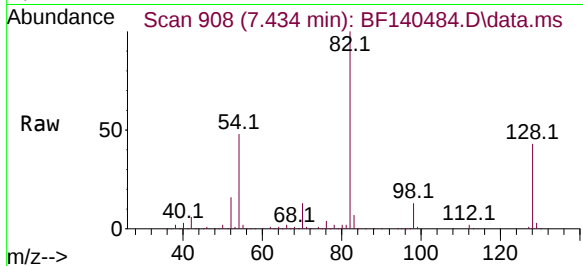




#23
 Nitrobenzene-d5
 Concen: 64.484 ng
 RT: 7.434 min Scan# 909
 Delta R.T. -0.006 min
 Lab File: BF140484.D
 Acq: 19 Nov 2024 19:54

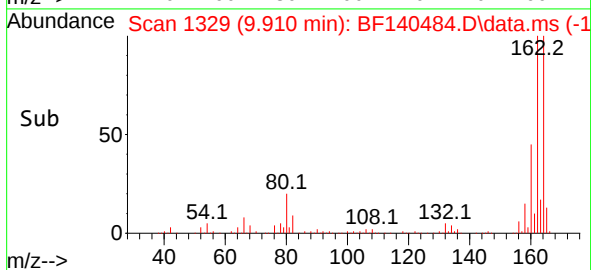
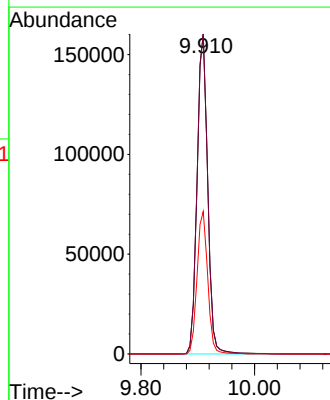
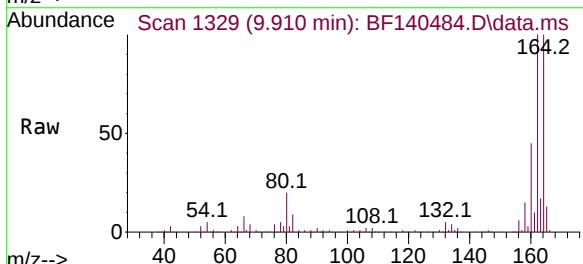
Instrument :
 BNA_F
 ClientSampleId :
 SP-1

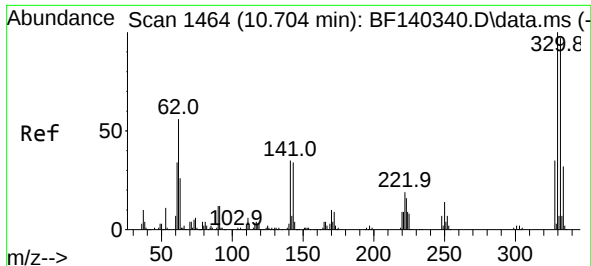
Tgt Ion: 82 Resp: 568019
 Ion Ratio Lower Upper
 82 100
 128 42.6 33.3 49.9
 54 48.3 39.8 59.8



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.910 min Scan# 1329
 Delta R.T. -0.006 min
 Lab File: BF140484.D
 Acq: 19 Nov 2024 19:54

Tgt Ion:164 Resp: 208804
 Ion Ratio Lower Upper
 164 100
 162 100.2 79.8 119.8
 160 44.6 35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 85.830 ng

RT: 10.698 min Scan# 1463

Delta R.T. -0.006 min

Lab File: BF140484.D

Acq: 19 Nov 2024 19:54

Instrument :

BNA_F

ClientSampleId :

SP-1

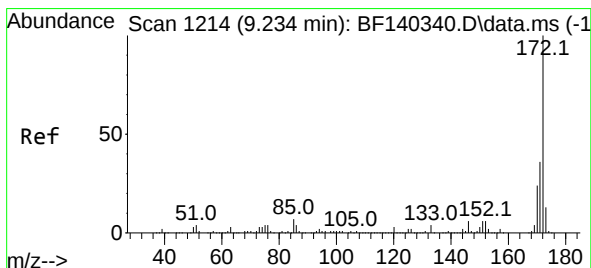
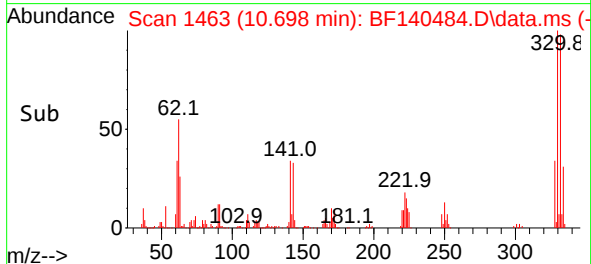
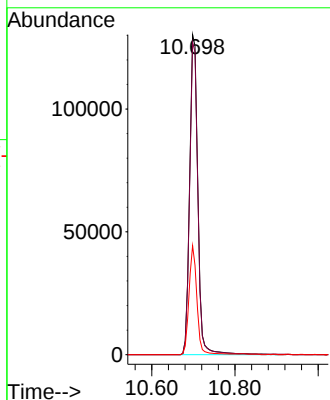
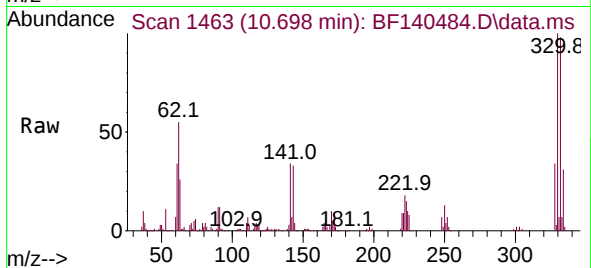
Tgt Ion:330 Resp: 178217

Ion Ratio Lower Upper

330 100

332 97.3 75.9 113.9

141 32.8 26.9 40.3



#45

2-Fluorobiphenyl

Concen: 74.769 ng

RT: 9.227 min Scan# 1213

Delta R.T. -0.006 min

Lab File: BF140484.D

Acq: 19 Nov 2024 19:54

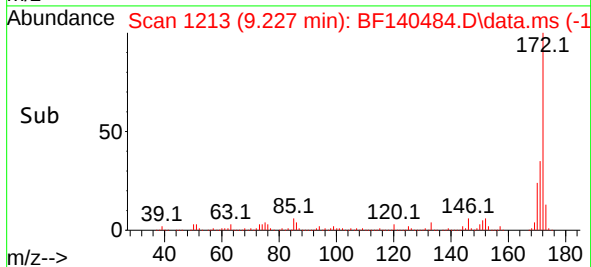
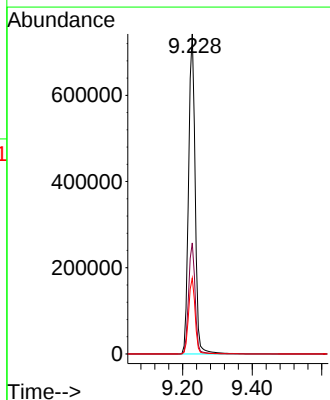
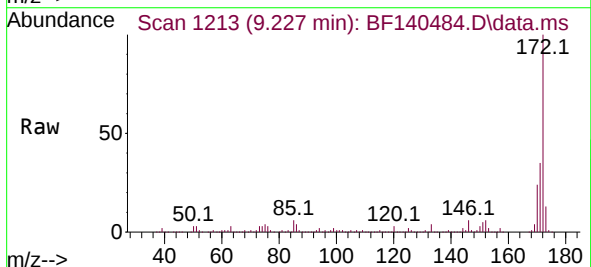
Tgt Ion:172 Resp: 971175

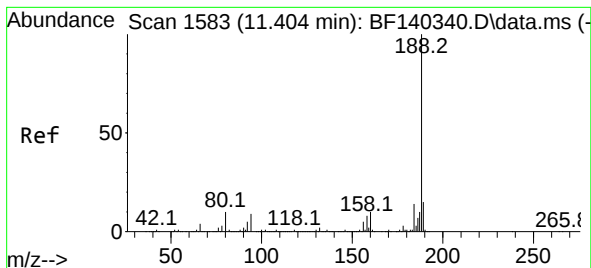
Ion Ratio Lower Upper

172 100

171 34.7 28.5 42.7

170 23.7 19.1 28.7





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.398 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF140484.D

Acq: 19 Nov 2024 19:54

Instrument :

BNA_F

ClientSampleId :

SP-1

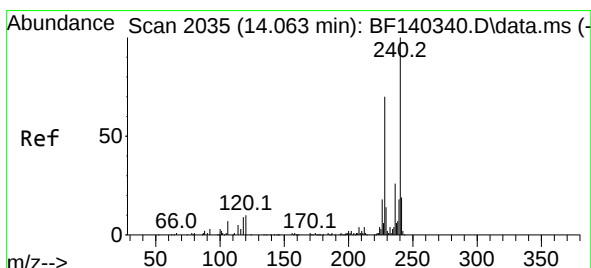
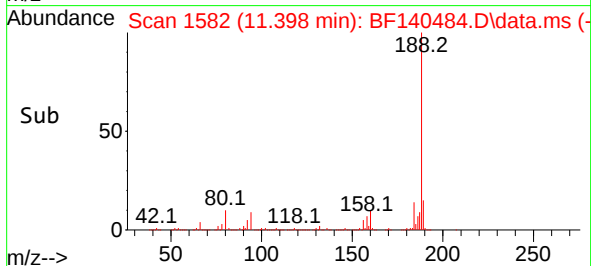
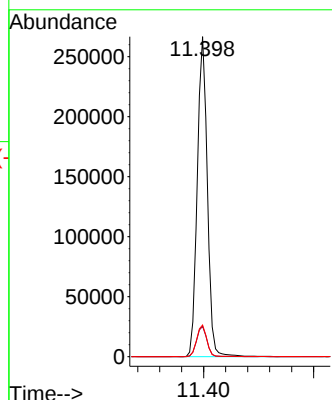
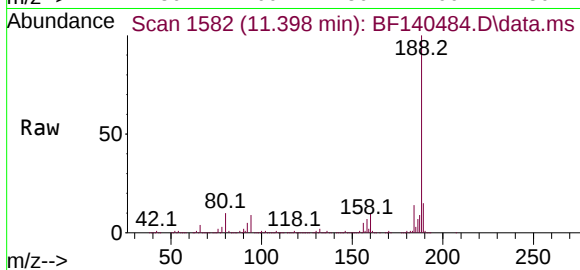
Tgt Ion:188 Resp: 339102

Ion Ratio Lower Upper

188 100

94 9.4 7.6 11.4

80 9.9 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: BF140484.D

Acq: 19 Nov 2024 19:54

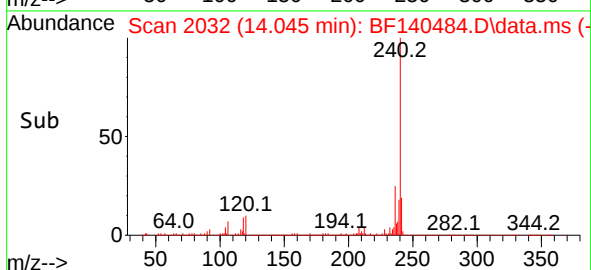
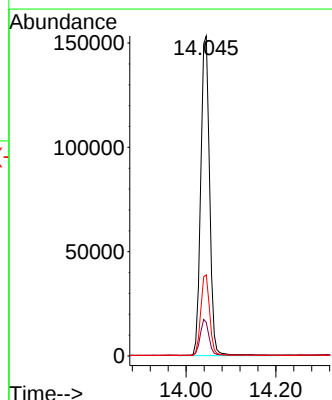
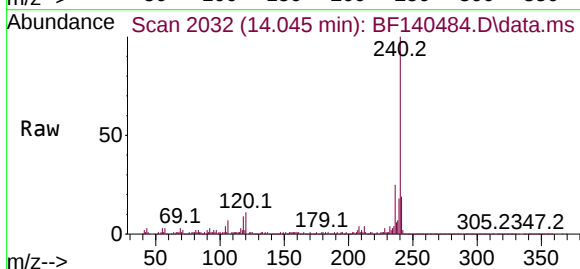
Tgt Ion:240 Resp: 209256

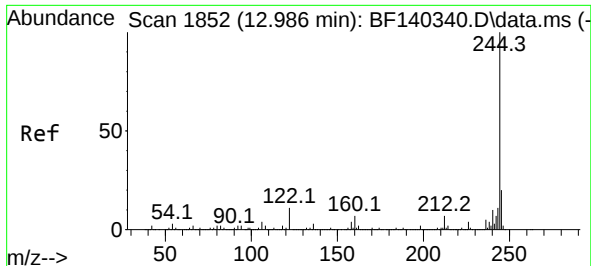
Ion Ratio Lower Upper

240 100

120 10.5 8.8 13.2

236 25.4 20.9 31.3

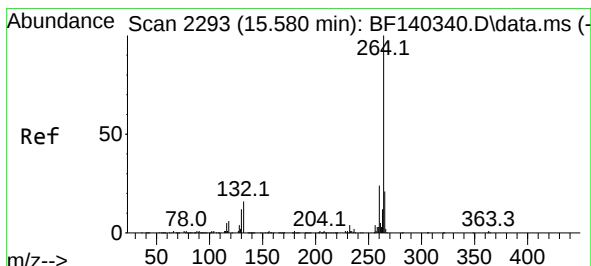
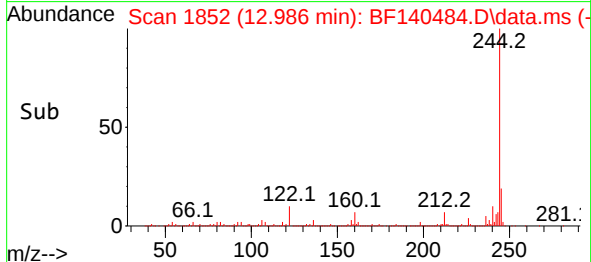
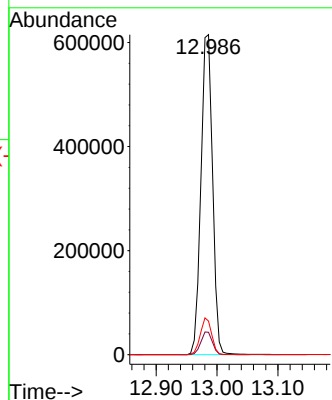
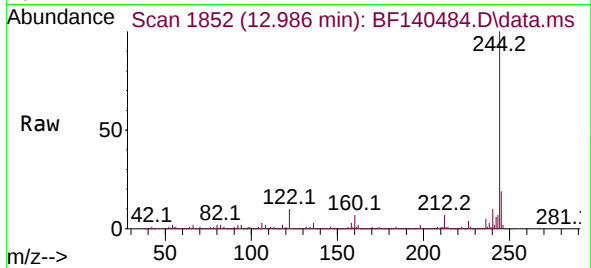




#79
 Terphenyl-d14
 Concen: 67.868 ng
 RT: 12.986 min Scan# 1852
 Delta R.T. -0.000 min
 Lab File: BF140484.D
 Acq: 19 Nov 2024 19:54

Instrument :
 BNA_F
 ClientSampleId :
 SP-1

Tgt Ion:244 Resp: 818169
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.8 8.8
 122 10.5 8.8 13.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.527 min Scan# 2284
 Delta R.T. -0.030 min
 Lab File: BF140484.D
 Acq: 19 Nov 2024 19:54

Tgt Ion:264 Resp: 164972
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.2 28.8
 265 22.2 17.1 25.7

