

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111524\
 Data File : BF140410.D
 Acq On : 15 Nov 2024 18:06
 Operator : RC/JU
 Sample : P4835-03
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 345-2-STONE

Quant Time: Nov 15 18:30:16 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	135820	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	503744	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	256309	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	326036	20.000	ng	# 0.00
76) Chrysene-d12	14.063	240	251700	20.000	ng	0.01
86) Perylene-d12	15.562	264	234692	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	637363	80.123	ng	0.01
7) Phenol-d6	6.516	99	849601	78.831	ng	0.01
23) Nitrobenzene-d5	7.434	82	548977	56.781	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	184992	72.580	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	1029955	64.598	ng	0.00
79) Terphenyl-d14	12.998	244	702745	48.463	ng	0.01

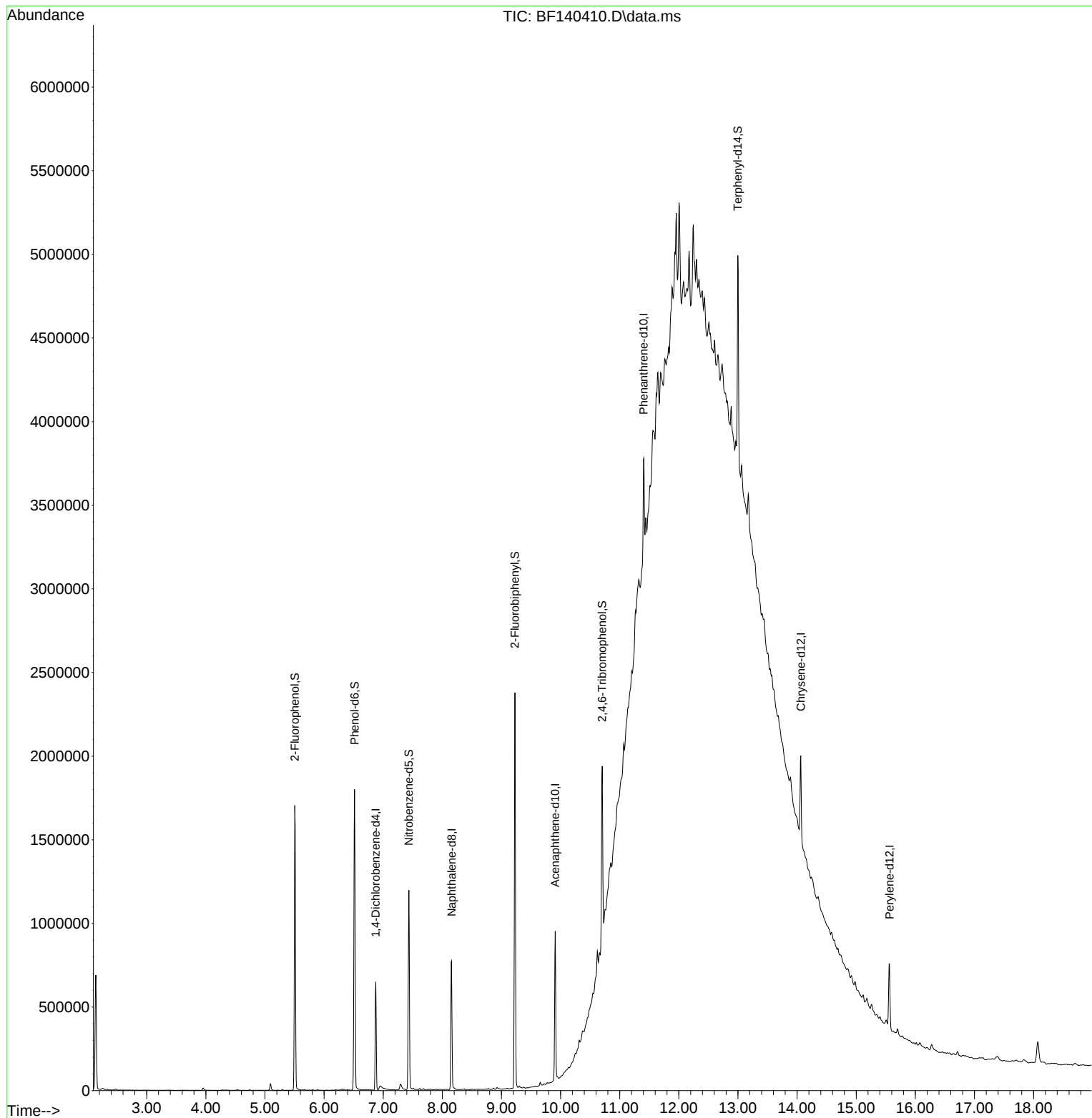
Target Compounds	Qvalue

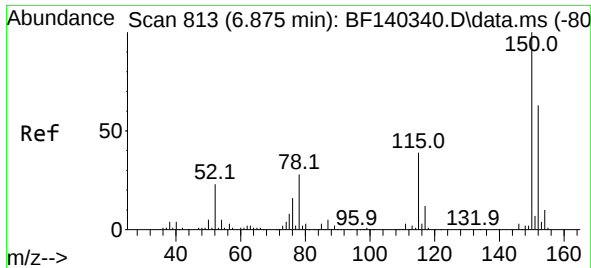
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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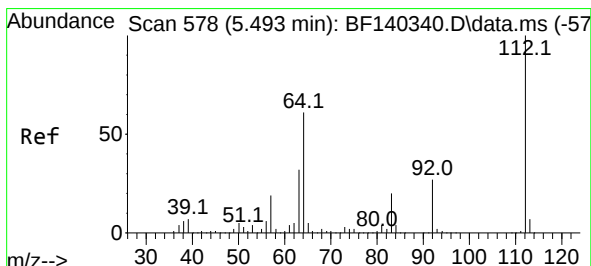
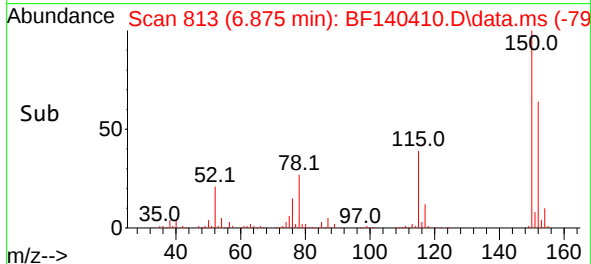
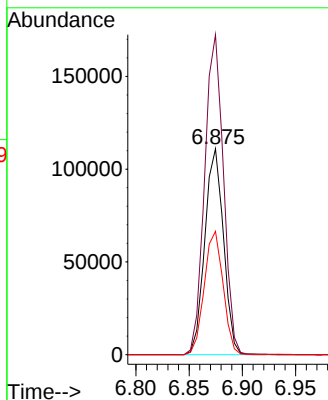
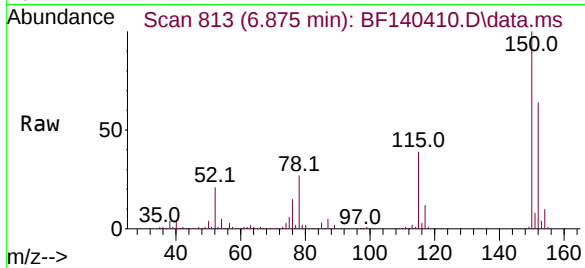




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 813
Delta R.T. -0.006 min
Lab File: BF140410.D
Acq: 15 Nov 2024 18:06

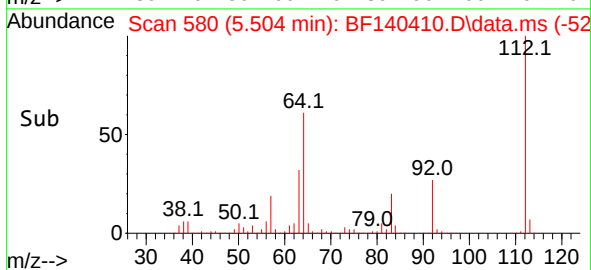
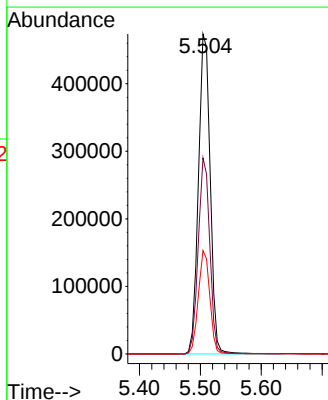
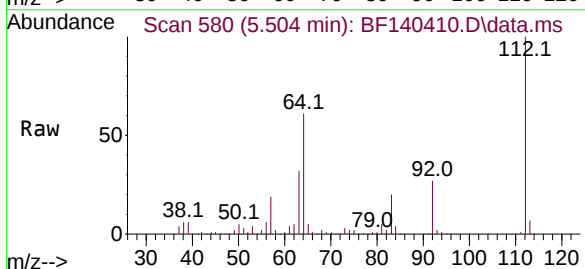
Instrument :
BNA_F
ClientSampleId :
345-2-STONE

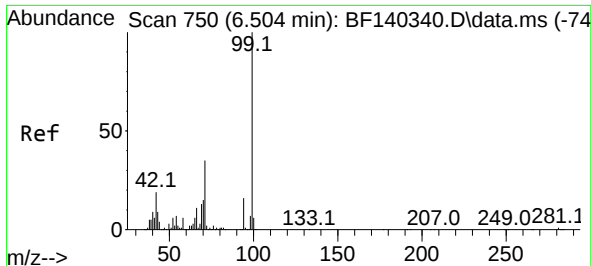
Tgt Ion:152 Resp: 135820
Ion Ratio Lower Upper
152 100
150 155.4 127.4 191.0
115 59.9 47.4 71.2



#5
2-Fluorophenol
Concen: 80.123 ng
RT: 5.504 min Scan# 580
Delta R.T. 0.012 min
Lab File: BF140410.D
Acq: 15 Nov 2024 18:06

Tgt Ion:112 Resp: 637363
Ion Ratio Lower Upper
112 100
64 61.2 49.2 73.8
63 32.3 25.6 38.4

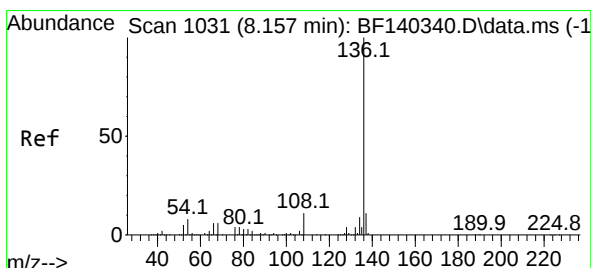
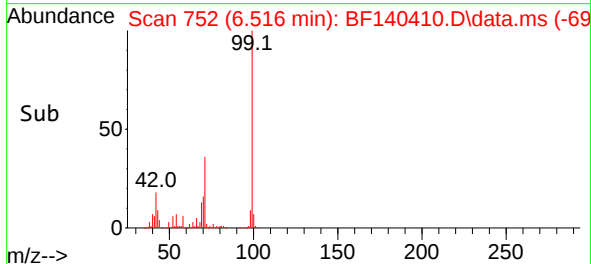
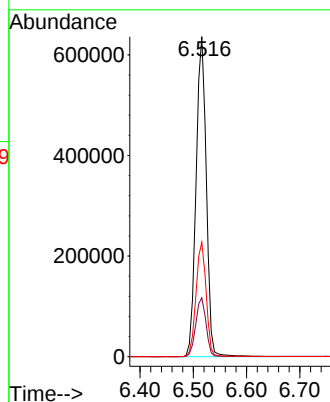
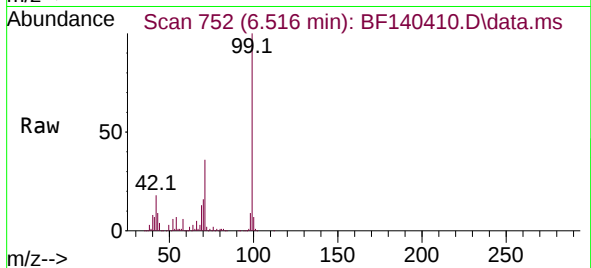




#7
Phenol-d6
Concen: 78.831 ng
RT: 6.516 min Scan# 71
Delta R.T. 0.012 min
Lab File: BF140410.D
Acq: 15 Nov 2024 18:06

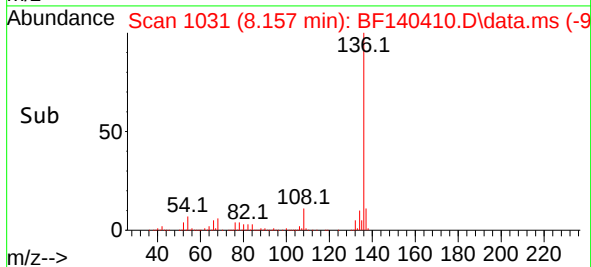
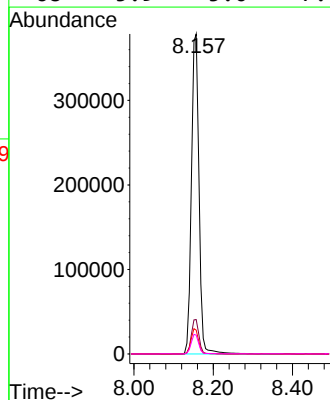
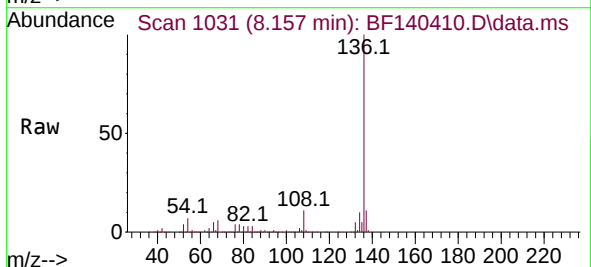
Instrument :
BNA_F
ClientSampleId :
345-2-STONE

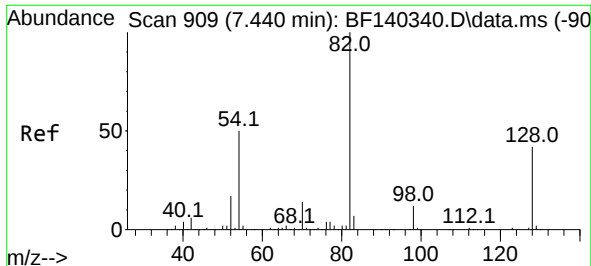
Tgt Ion: 99 Resp: 849601
Ion Ratio Lower Upper
99 100
42 18.4 15.1 22.7
71 35.8 27.9 41.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1031
Delta R.T. -0.000 min
Lab File: BF140410.D
Acq: 15 Nov 2024 18:06

Tgt Ion: 136 Resp: 503744
Ion Ratio Lower Upper
136 100
137 10.8 8.7 13.1
54 7.5 6.5 9.7
68 5.9 5.0 7.6





#23
Nitrobenzene-d5
Concen: 56.781 ng
RT: 7.434 min Scan# 909
Delta R.T. -0.006 min
Lab File: BF140410.D
Acq: 15 Nov 2024 18:06

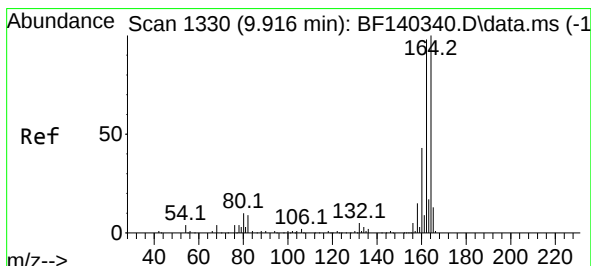
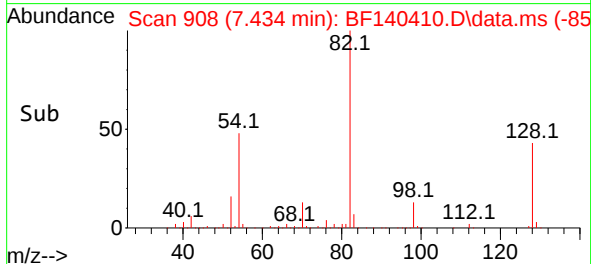
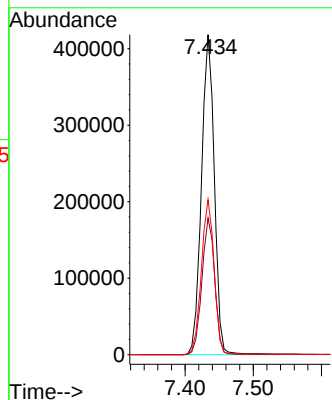
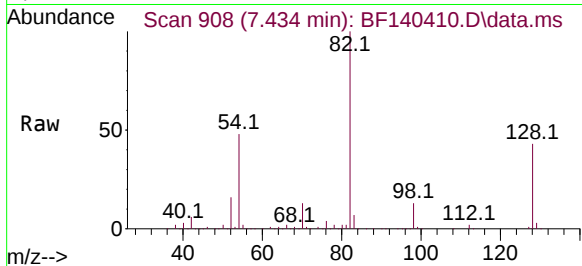
Instrument :

BNA_F

ClientSampleId :

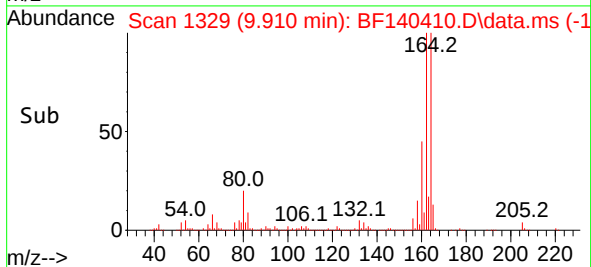
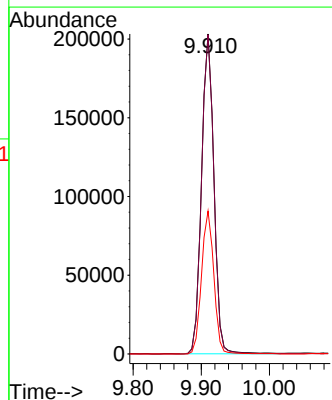
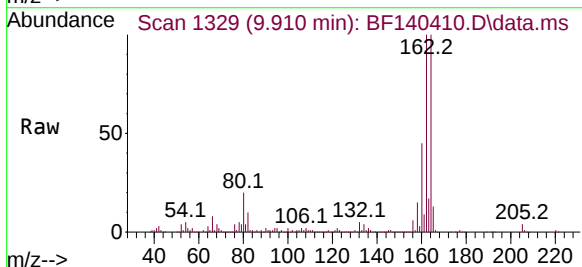
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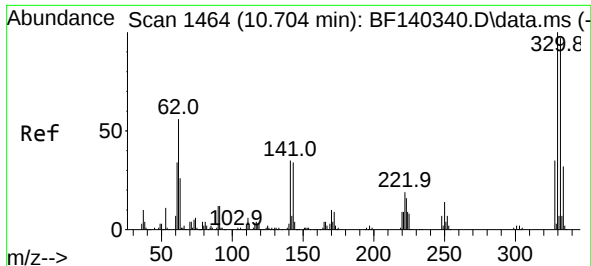
Tgt Ion: 82 Resp: 548977
Ion Ratio Lower Upper
82 100
128 42.7 33.3 49.9
54 48.5 39.8 59.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.910 min Scan# 1329
Delta R.T. -0.006 min
Lab File: BF140410.D
Acq: 15 Nov 2024 18:06

Tgt Ion:164 Resp: 256309
Ion Ratio Lower Upper
164 100
162 99.8 79.8 119.8
160 44.6 35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 72.580 ng

RT: 10.704 min Scan# 1464

Delta R.T. -0.000 min

Lab File: BF140410.D

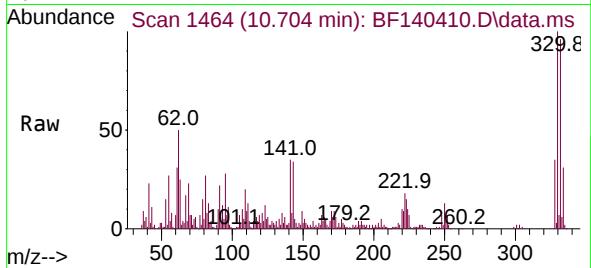
Acq: 15 Nov 2024 18:06

Instrument :

BNA_F

ClientSampleId :

345-2-STONE



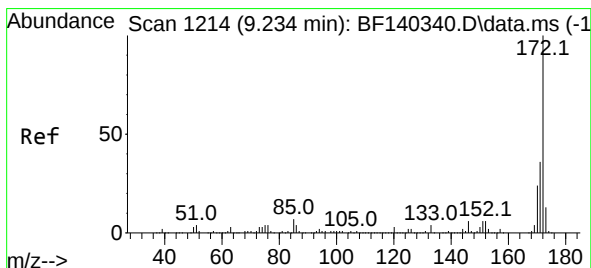
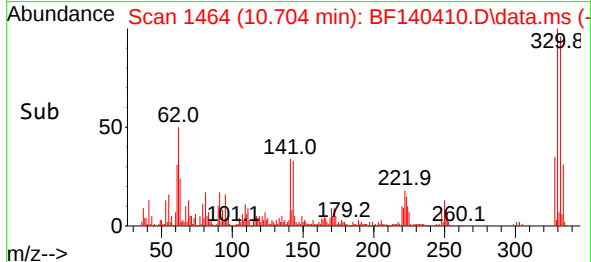
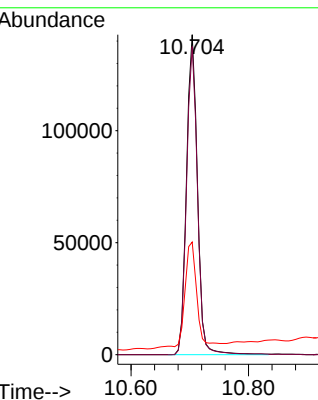
Tgt Ion:330 Resp: 184992

Ion Ratio Lower Upper

330 100

332 96.3 75.9 113.9

141 38.3 26.9 40.3



#45

2-Fluorobiphenyl

Concen: 64.598 ng

RT: 9.228 min Scan# 1213

Delta R.T. -0.006 min

Lab File: BF140410.D

Acq: 15 Nov 2024 18:06

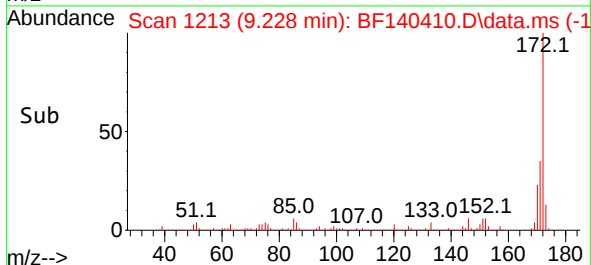
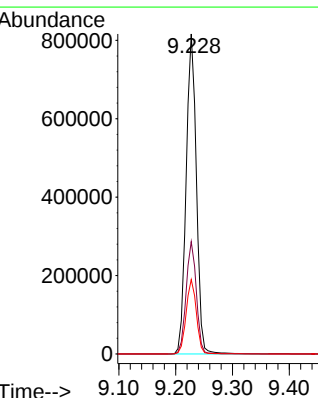
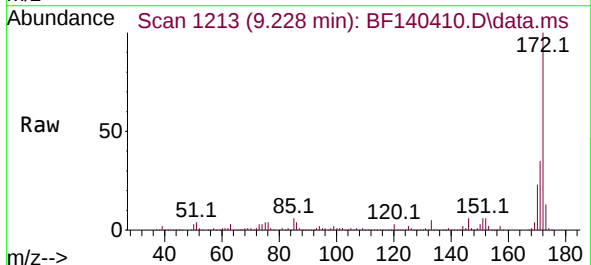
Tgt Ion:172 Resp: 1029955

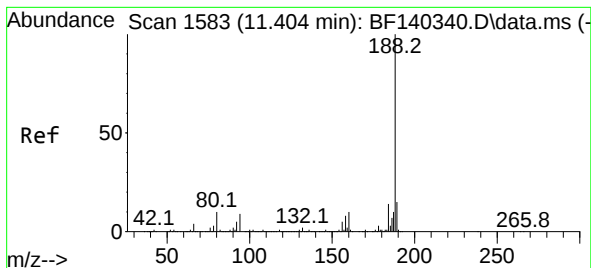
Ion Ratio Lower Upper

172 100

171 35.1 28.5 42.7

170 23.3 19.1 28.7





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.404 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF140410.D

Acq: 15 Nov 2024 18:06

Instrument :

BNA_F

ClientSampleId :

345-2-STONE

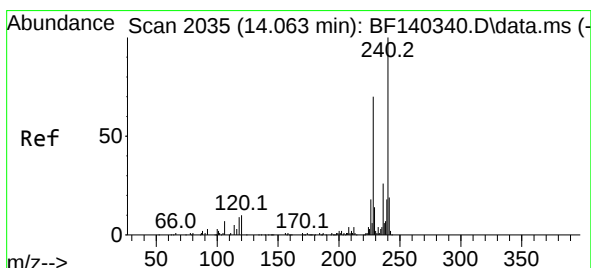
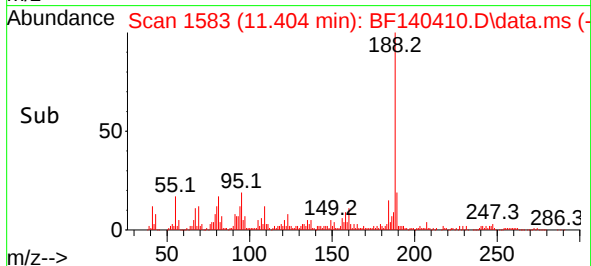
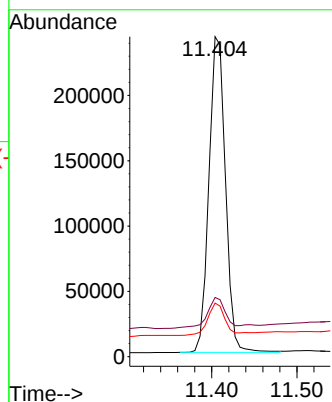
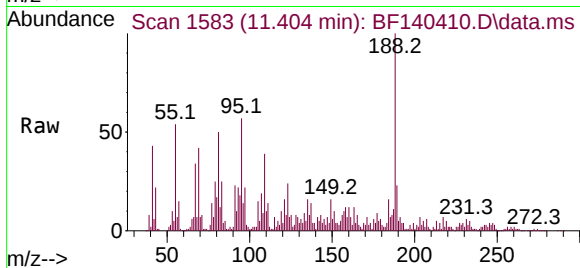
Tgt Ion:188 Resp: 326036

Ion Ratio Lower Upper

188 100

94 18.5 7.6 11.4#

80 16.8 8.0 12.0#



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.063 min Scan# 2035

Delta R.T. 0.012 min

Lab File: BF140410.D

Acq: 15 Nov 2024 18:06

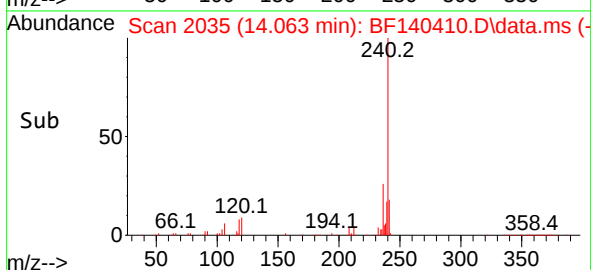
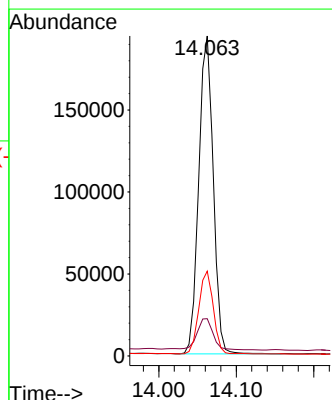
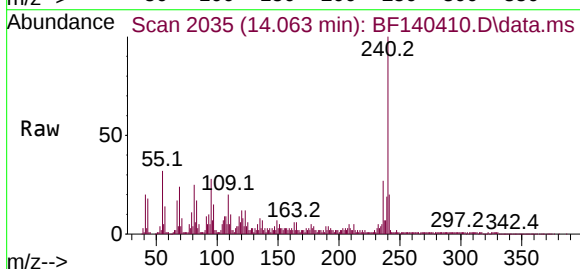
Tgt Ion:240 Resp: 251700

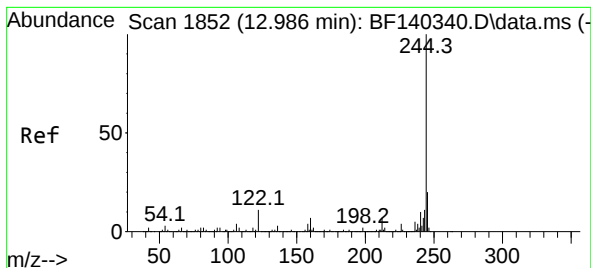
Ion Ratio Lower Upper

240 100

120 11.7 8.8 13.2

236 26.5 20.9 31.3





#79

Terphenyl-d14

Concen: 48.463 ng

RT: 12.998 min Scan# 1854

Delta R.T. 0.012 min

Lab File: BF140410.D

Acq: 15 Nov 2024 18:06

Instrument :

BNA_F

ClientSampleId :

345-2-STONE

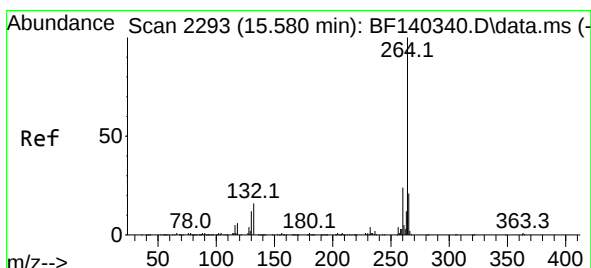
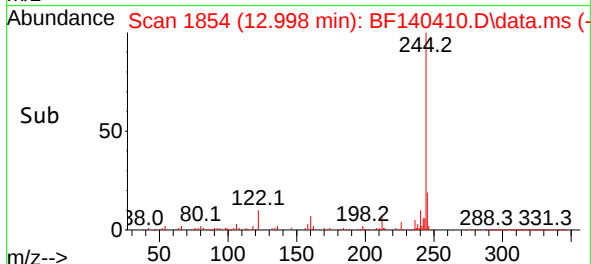
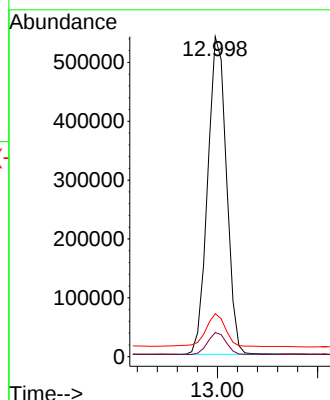
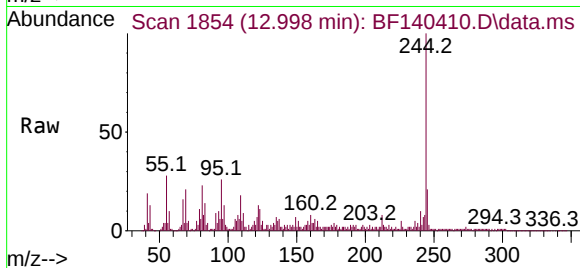
Tgt Ion:244 Resp: 702745

Ion Ratio Lower Upper

244 100

212 7.6 5.8 8.8

122 13.5 8.8 13.2#



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.562 min Scan# 2290

Delta R.T. 0.006 min

Lab File: BF140410.D

Acq: 15 Nov 2024 18:06

Tgt Ion:264 Resp: 234692

Ion Ratio Lower Upper

264 100

260 24.7 19.2 28.8

265 21.4 17.1 25.7

