

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111624\
 Data File : BF140425.D
 Acq On : 16 Nov 2024 13:12
 Operator : RC/JU
 Sample : P4824-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 T-20

Quant Time: Nov 18 00:05:59 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)

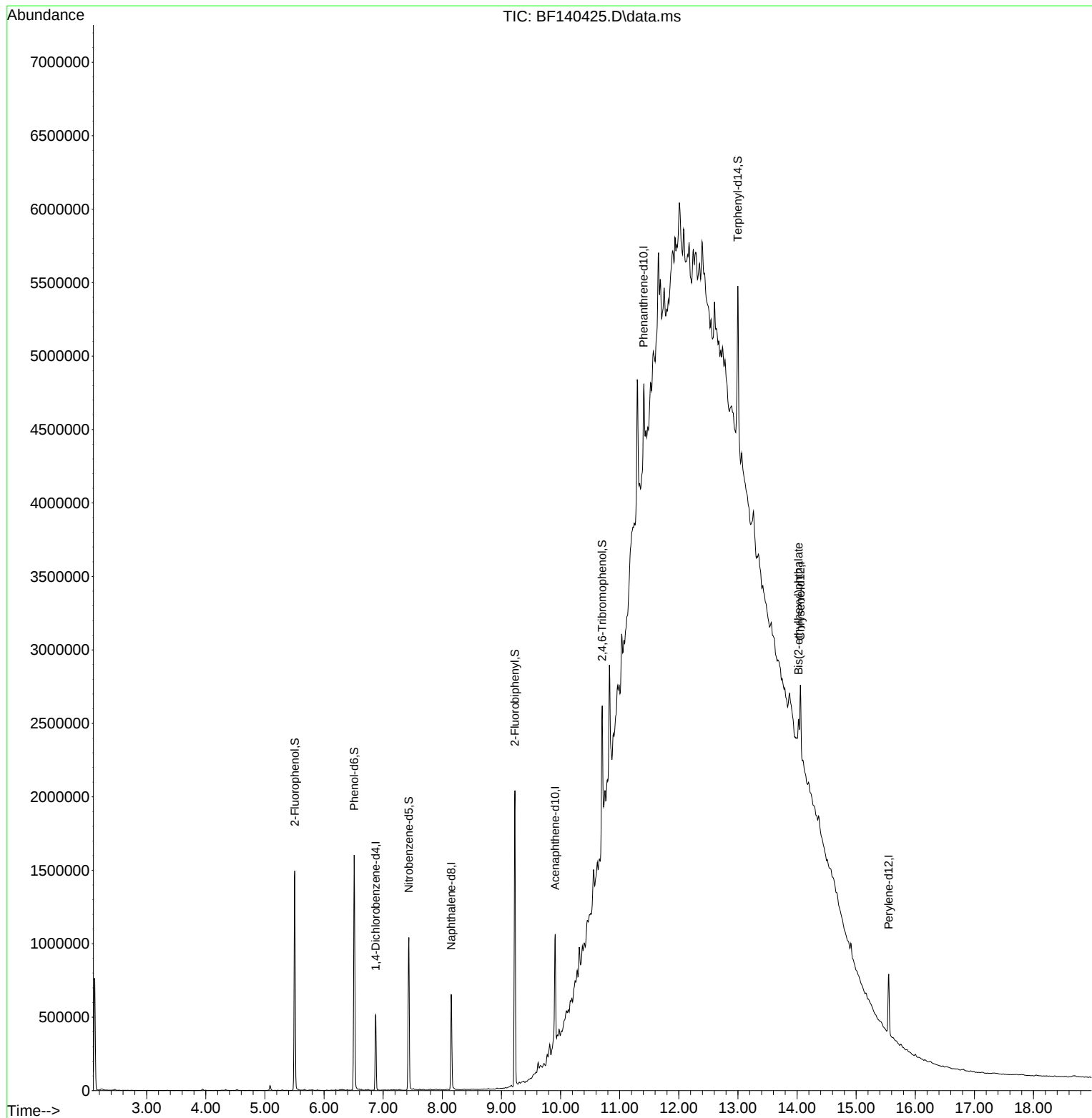
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	110799	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	418104	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	215114	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	281396	20.000	ng	# 0.00
76) Chrysene-d12	14.057	240	208682	20.000	ng	0.00
86) Perylene-d12	15.551	264	240392	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	572852	88.275	ng	0.01
7) Phenol-d6	6.510	99	758831	86.308	ng	0.00
23) Nitrobenzene-d5	7.434	82	476957	59.437	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	174119	81.397	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	895331	66.908	ng	0.00
79) Terphenyl-d14	12.998	244	602454	50.111	ng	0.01
Target Compounds						
84) Bis(2-ethylhexyl)phtha...	14.027	149	77206	8.435	ng	# 90

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

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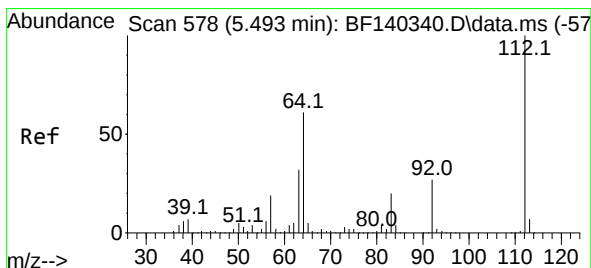
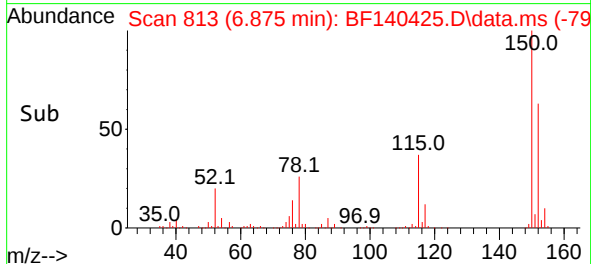
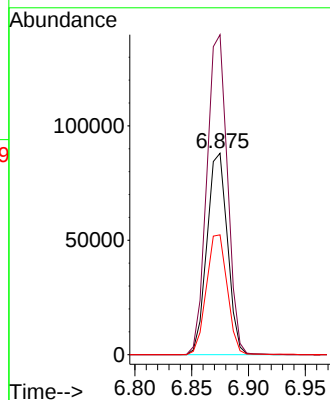
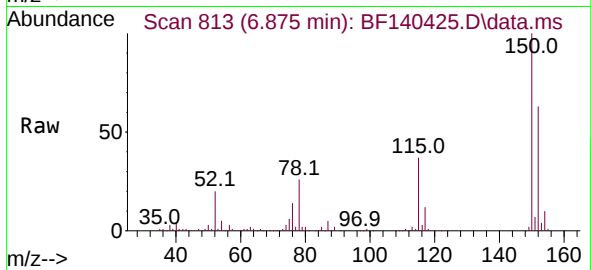




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF140425.D
Acq: 16 Nov 2024 13:12

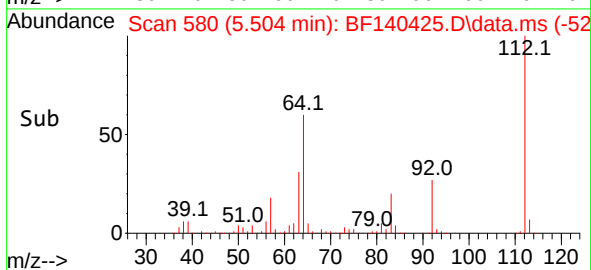
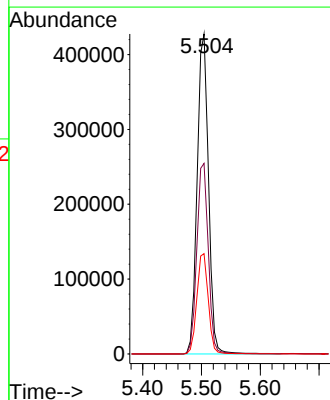
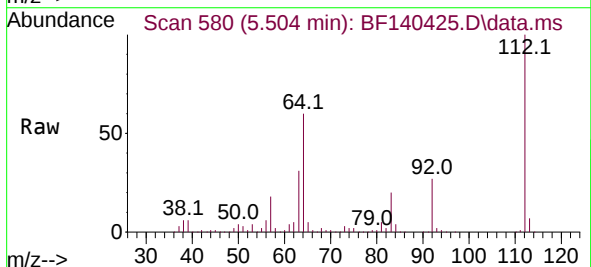
Instrument :
BNA_F
ClientSampleId :
T-20

Tgt Ion:152 Resp: 110799
Ion Ratio Lower Upper
152 100
150 158.9 127.4 191.0
115 59.5 47.4 71.2



#5
2-Fluorophenol
Concen: 88.275 ng
RT: 5.504 min Scan# 580
Delta R.T. 0.012 min
Lab File: BF140425.D
Acq: 16 Nov 2024 13:12

Tgt Ion:112 Resp: 572852
Ion Ratio Lower Upper
112 100
64 59.6 49.2 73.8
63 31.3 25.6 38.4





#7

Phenol-d6

Concen: 86.308 ng

RT: 6.510 min Scan# 71

Delta R.T. 0.006 min

Lab File: BF140425.D

Acq: 16 Nov 2024 13:12

Instrument :

BNA_F

ClientSampleId :

T-20

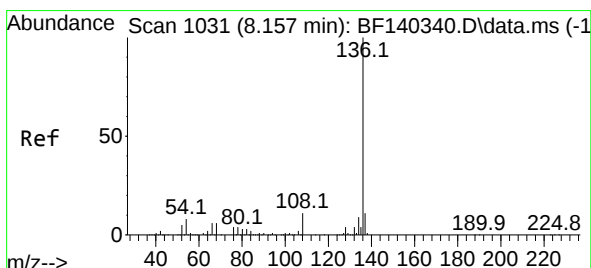
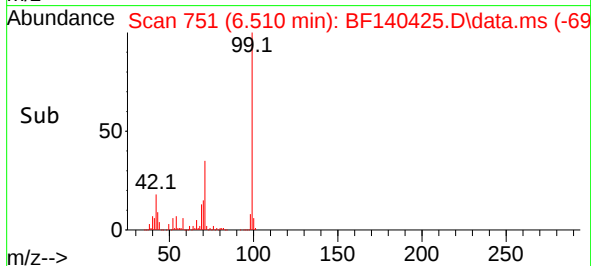
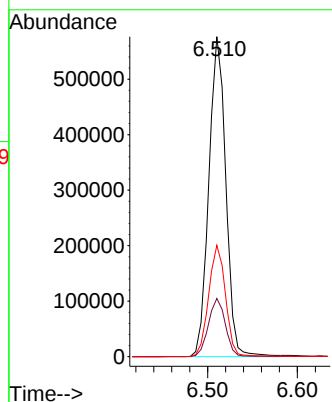
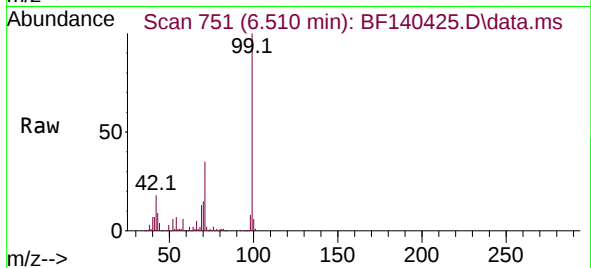
Tgt Ion: 99 Resp: 758831

Ion Ratio Lower Upper

99 100

42 18.2 15.1 22.7

71 34.8 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: BF140425.D

Acq: 16 Nov 2024 13:12

Tgt Ion: 136 Resp: 418104

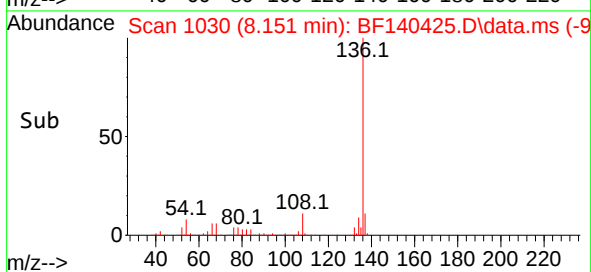
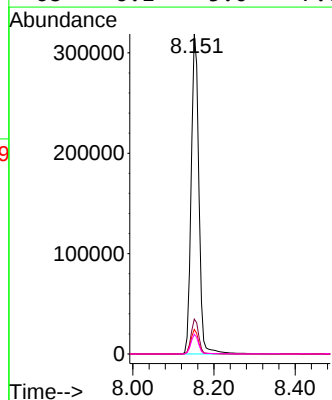
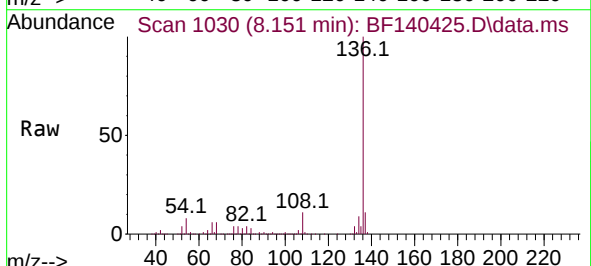
Ion Ratio Lower Upper

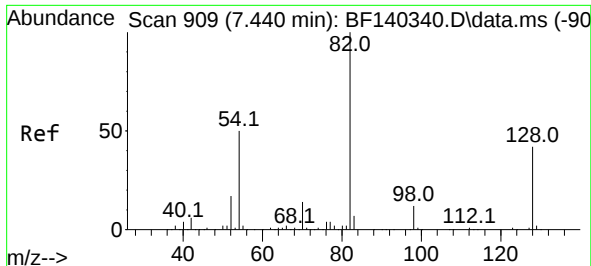
136 100

137 10.9 8.7 13.1

54 7.7 6.5 9.7

68 6.1 5.0 7.6

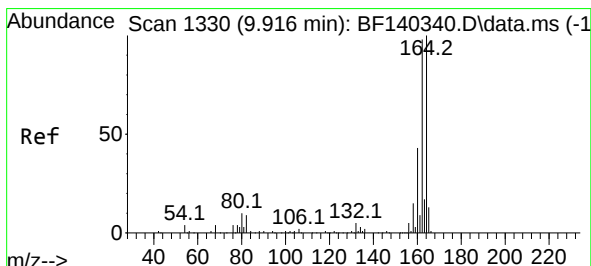
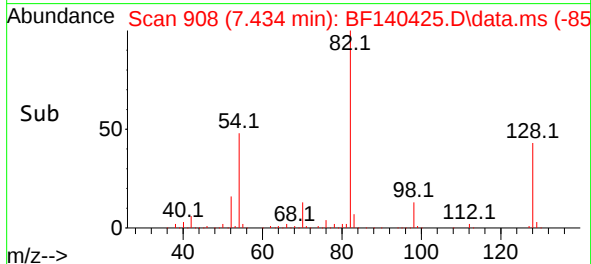
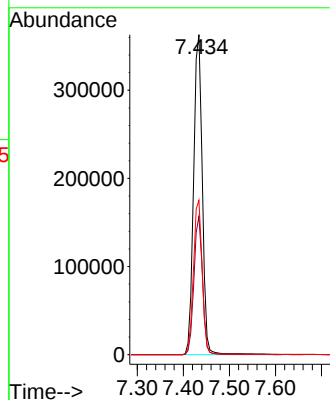
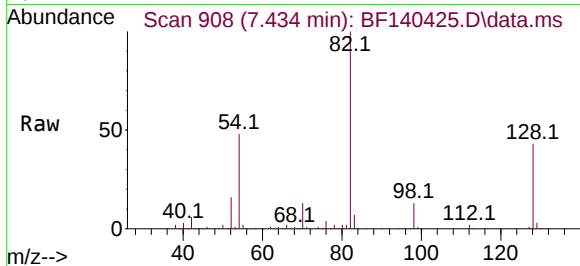




#23
Nitrobenzene-d5
Concen: 59.437 ng
RT: 7.434 min Scan# 909
Delta R.T. -0.006 min
Lab File: BF140425.D
Acq: 16 Nov 2024 13:12

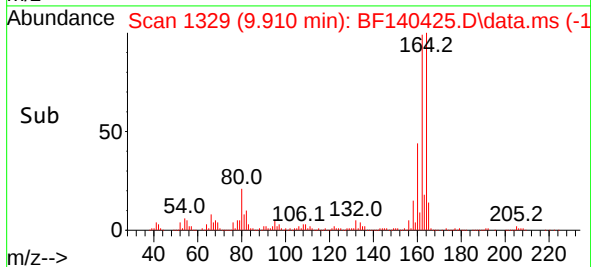
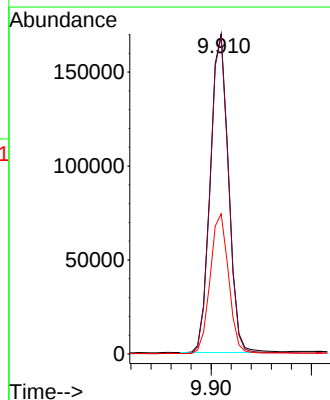
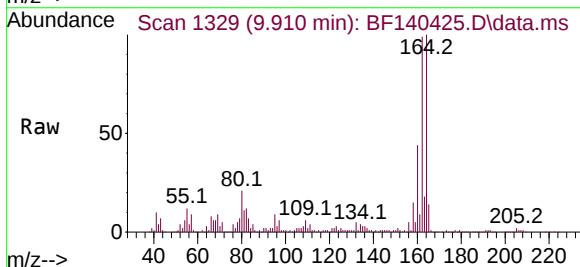
Instrument :
BNA_F
ClientSampleId :
T-20

Tgt Ion: 82 Resp: 476957
Ion Ratio Lower Upper
82 100
128 43.2 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: BF140425.D
Acq: 16 Nov 2024 13:12

Tgt Ion:164 Resp: 215114
Ion Ratio Lower Upper
164 100
162 99.2 79.8 119.8
160 43.8 35.4 53.0

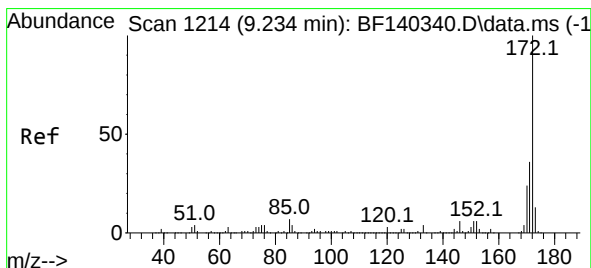
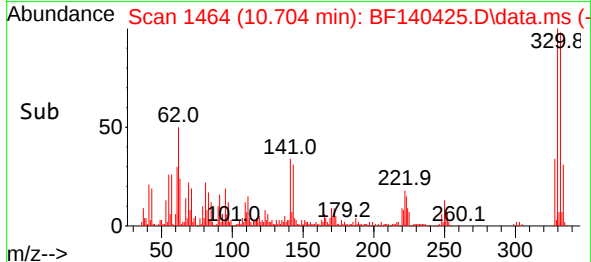
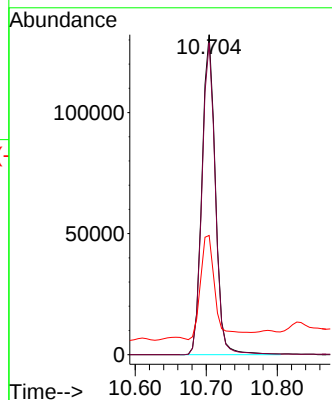
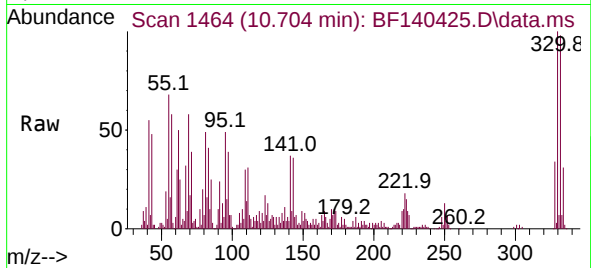




#42
2,4,6-Tribromophenol
Concen: 81.397 ng
RT: 10.704 min Scan# 1464
Delta R.T. 0.000 min
Lab File: BF140425.D
Acq: 16 Nov 2024 13:12

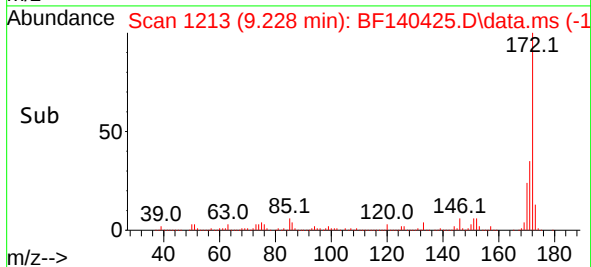
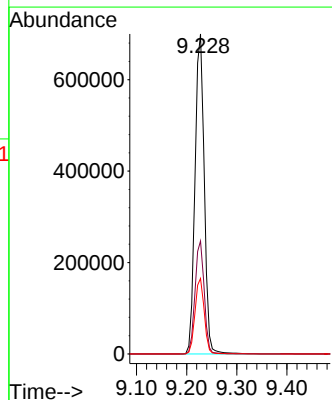
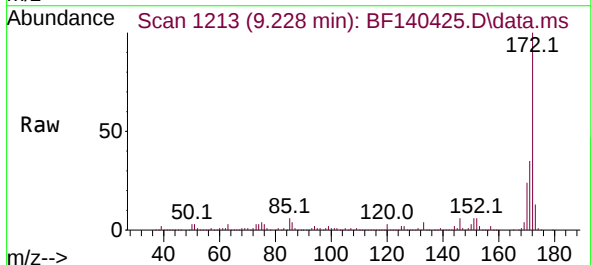
Instrument :
BNA_F
ClientSampleId :
T-20

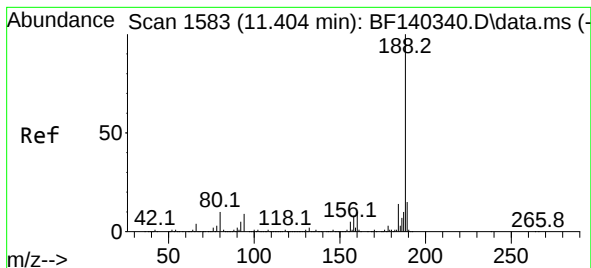
Tgt Ion:330 Resp: 174119
Ion Ratio Lower Upper
330 100
332 97.3 75.9 113.9
141 37.6 26.9 40.3



#45
2-Fluorobiphenyl
Concen: 66.908 ng
RT: 9.228 min Scan# 1213
Delta R.T. -0.006 min
Lab File: BF140425.D
Acq: 16 Nov 2024 13:12

Tgt Ion:172 Resp: 895331
Ion Ratio Lower Upper
172 100
171 35.3 28.5 42.7
170 23.6 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: BF140425.D

Acq: 16 Nov 2024 13:12

Instrument :

BNA_F

ClientSampleId :

T-20

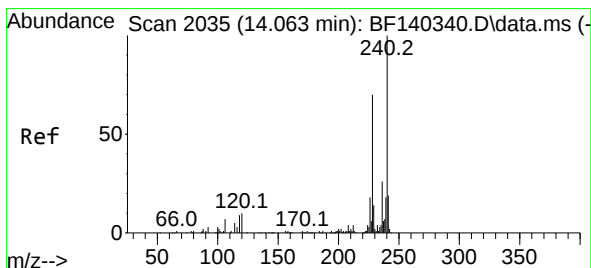
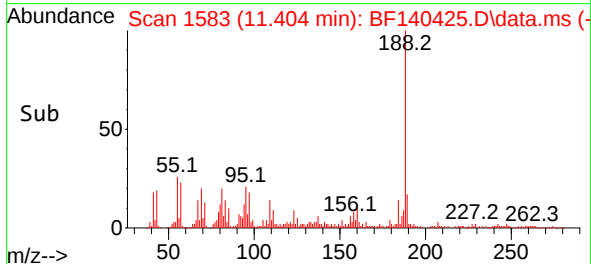
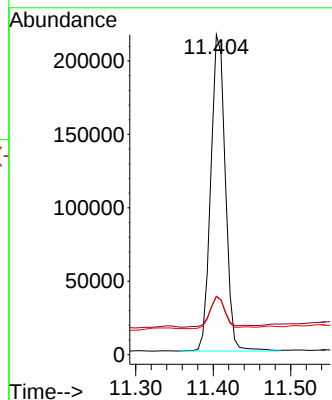
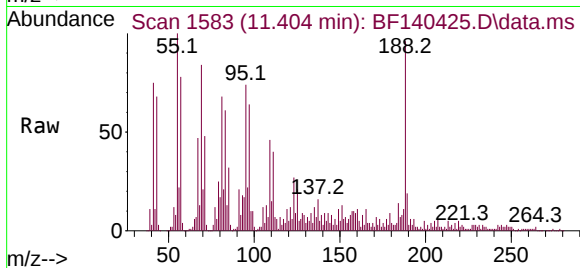
Tgt Ion:188 Resp: 281396

Ion Ratio Lower Upper

188 100

94 18.2 7.6 11.4#

80 18.3 8.0 12.0#



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.057 min Scan# 2034

Delta R.T. 0.006 min

Lab File: BF140425.D

Acq: 16 Nov 2024 13:12

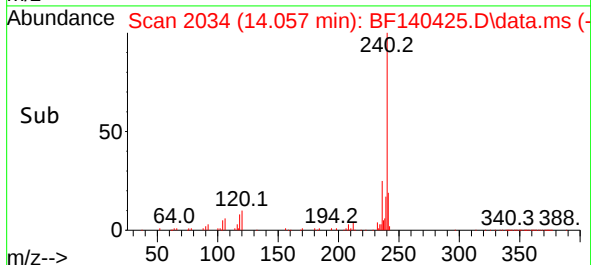
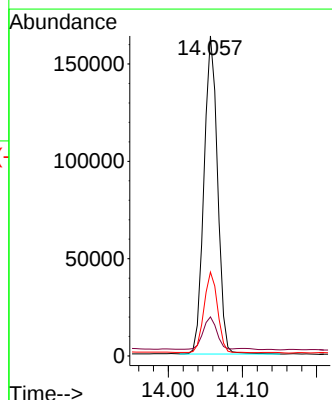
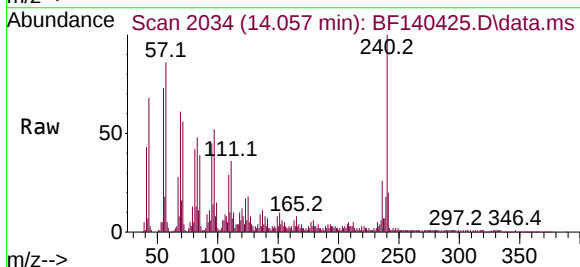
Tgt Ion:240 Resp: 208682

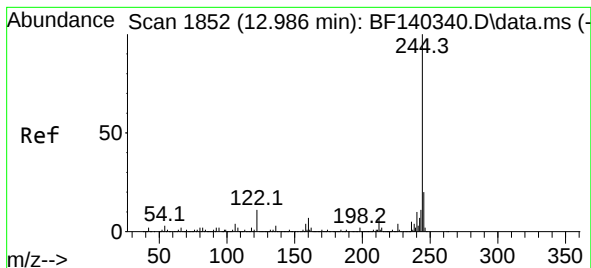
Ion Ratio Lower Upper

240 100

120 12.2 8.8 13.2

236 26.2 20.9 31.3





#79

Terphenyl-d14

Concen: 50.111 ng

RT: 12.998 min Scan# 11

Delta R.T. 0.012 min

Lab File: BF140425.D

Acq: 16 Nov 2024 13:12

Instrument :

BNA_F

ClientSampleId :

T-20

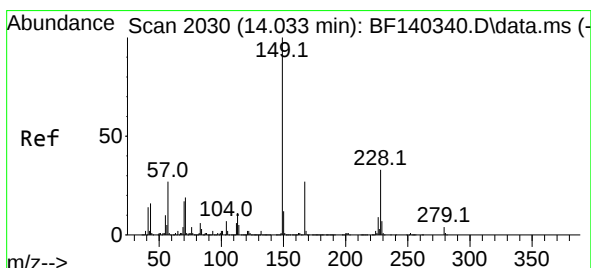
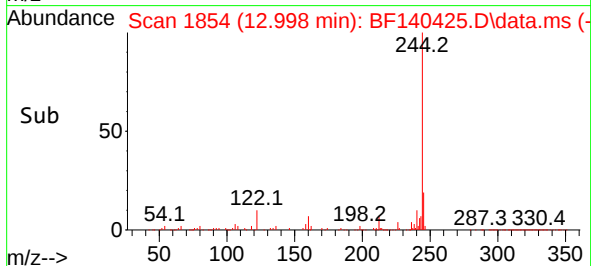
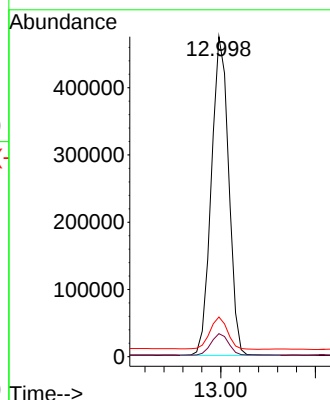
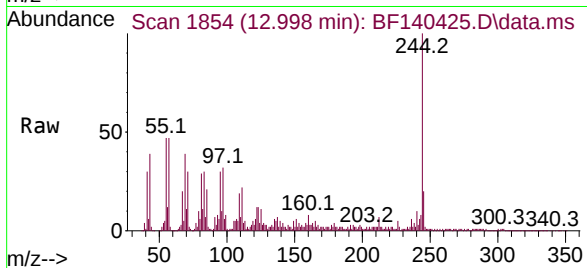
Tgt Ion:244 Resp: 602454

Ion Ratio Lower Upper

244 100

212 7.2 5.8 8.8

122 12.4 8.8 13.2



#84

Bis(2-ethylhexyl)phthalate

Concen: 8.435 ng

RT: 14.027 min Scan# 2029

Delta R.T. 0.006 min

Lab File: BF140425.D

Acq: 16 Nov 2024 13:12

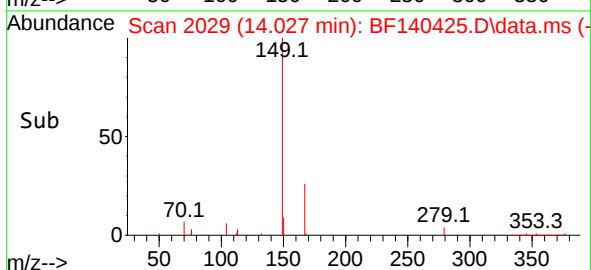
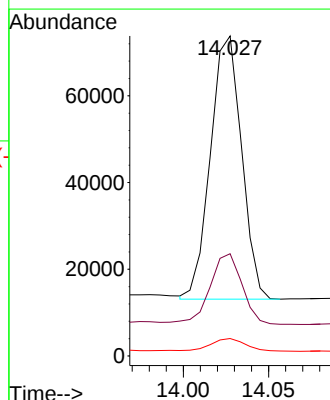
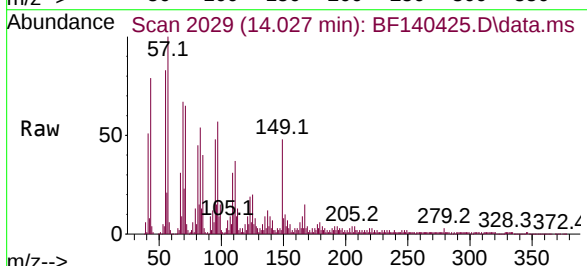
Tgt Ion:149 Resp: 77206

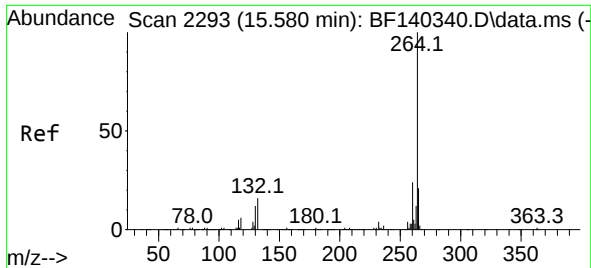
Ion Ratio Lower Upper

149 100

167 32.0 21.4 32.0

279 5.5 3.0 4.6#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.551 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF140425.D
Acq: 16 Nov 2024 13:12

Instrument :
BNA_F
ClientSampleId :
T-20

Tgt Ion:264 Resp: 240392

Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.2	28.8
265	21.1	17.1	25.7

