

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)

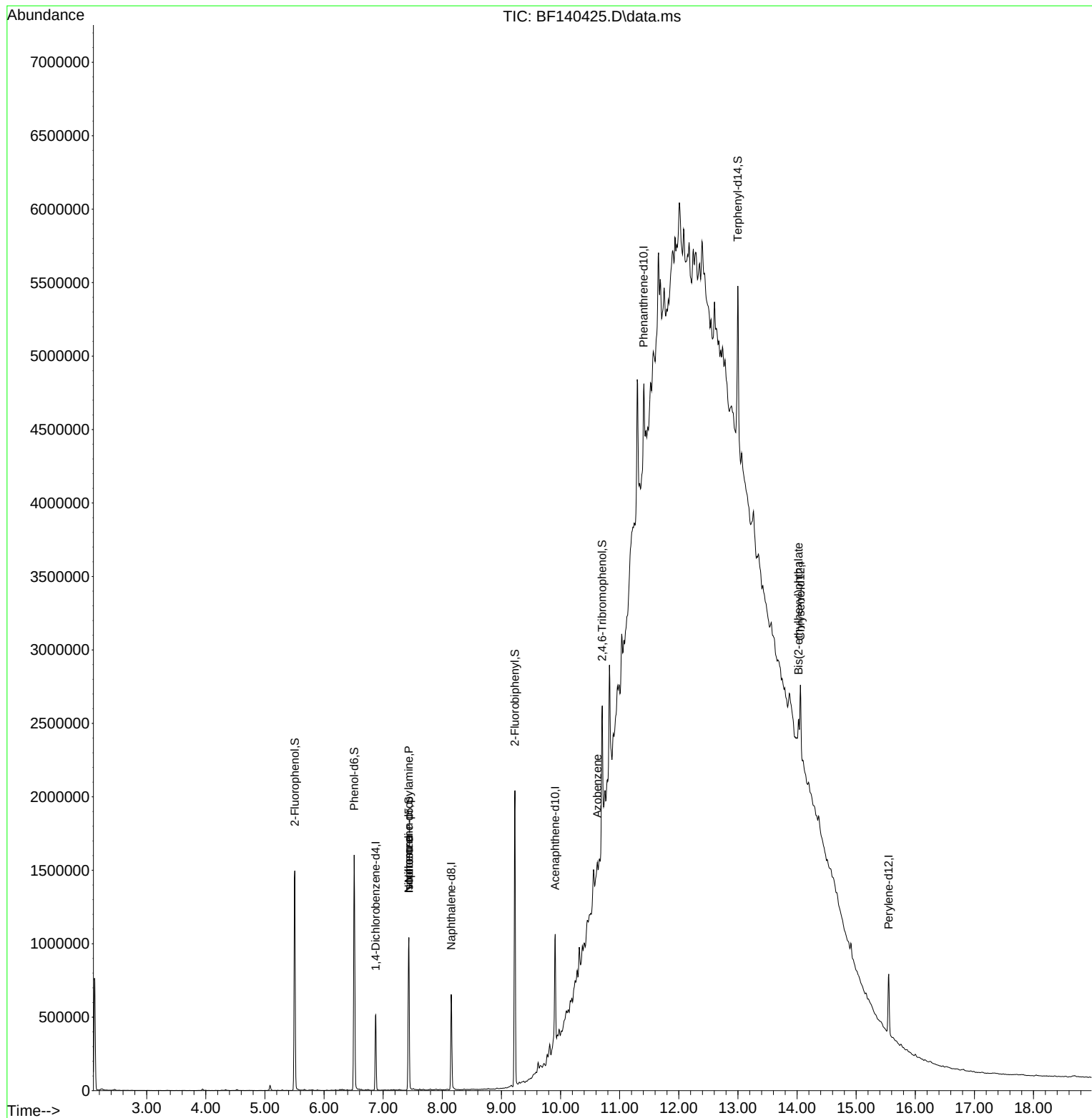
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	110799	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	418104	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	215114	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	281396	20.000	ng	# 0.00
76) Chrysene-d12	14.057	240	208682	20.000	ng	0.00
86) Perylene-d12	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						
19) n-Nitroso-di-n-propyla...	7.434	70	63840	12.022	ng	# 78
25) Isophorone	7.434	82	472142	33.198	ng	# 67
63) Azobenzene	10.622	77	35858	2.531	ng	# 16
84) Bis(2-ethylhexyl)phtha...	14.027	149	77206	8.435	ng	# 90

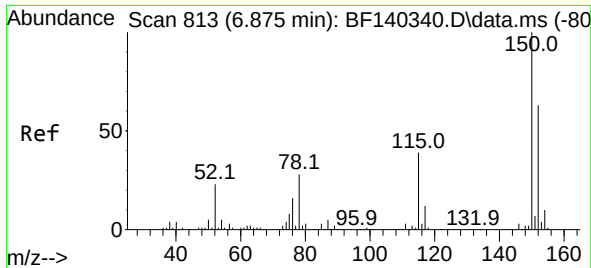
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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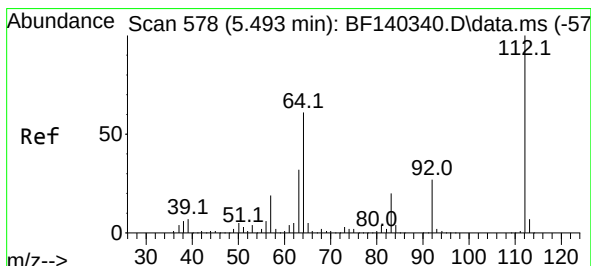
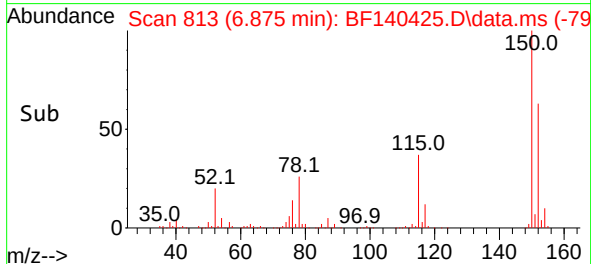
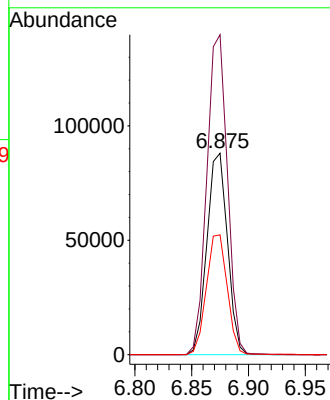
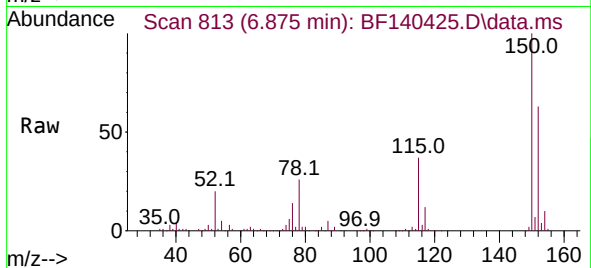




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF140425.D
Acq: 16 Nov 2024 13:12

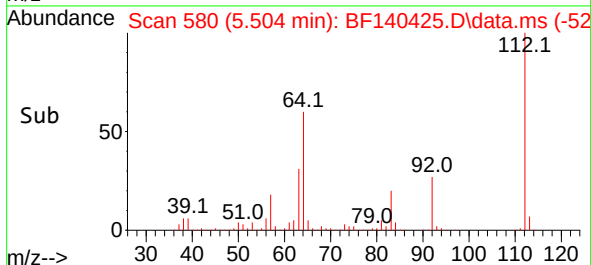
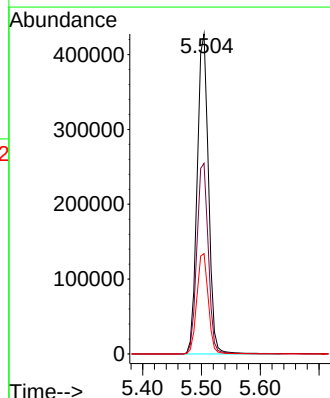
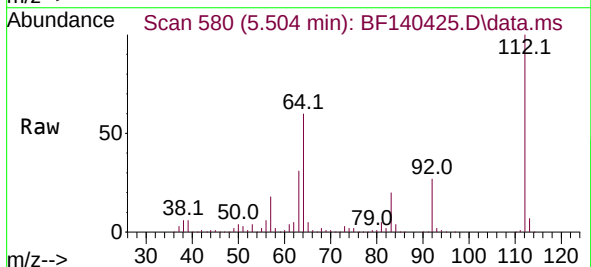
Instrument :
BNA_F
ClientSampleId :
T-20

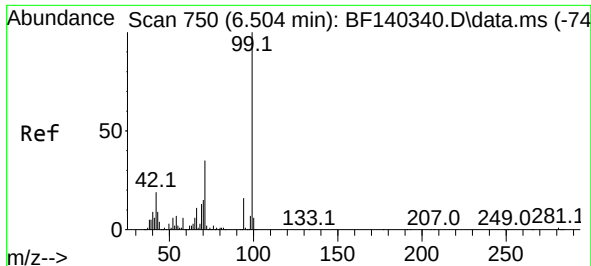
Tgt Ion:152 Resp: 110799
Ion Ratio Lower Upper
152 100
150 158.9 127.4 191.0
115 59.5 47.4 71.2



#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

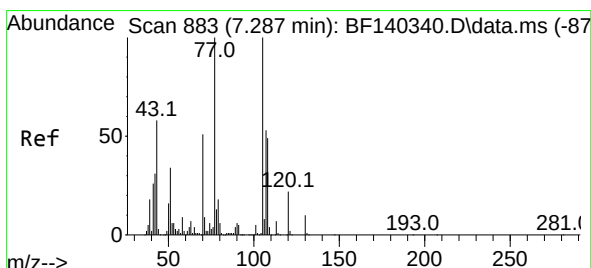
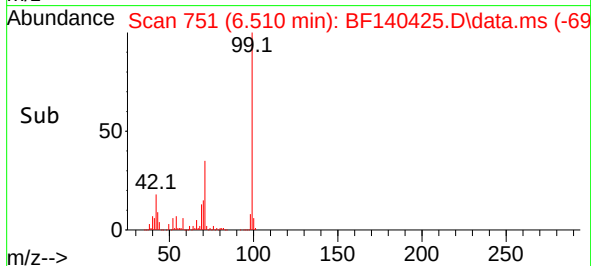
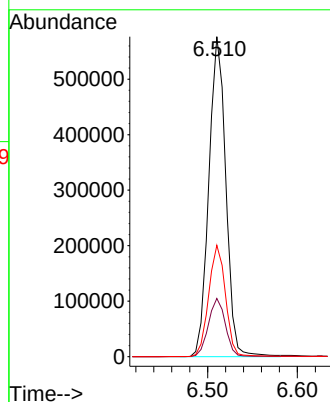
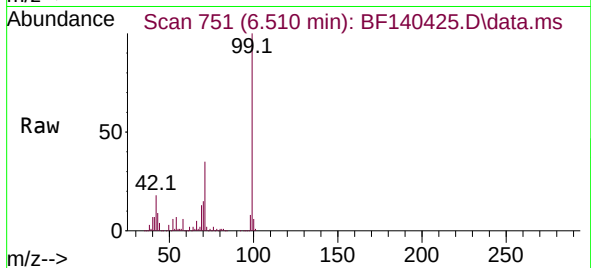
Instrument :

BNA_F

ClientSampleId :

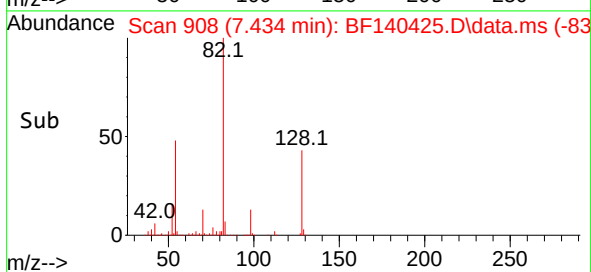
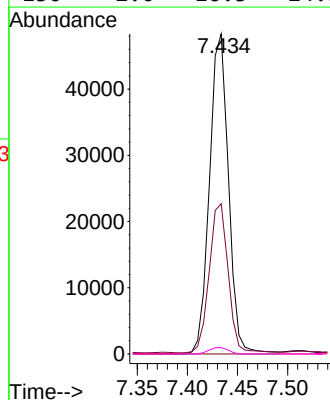
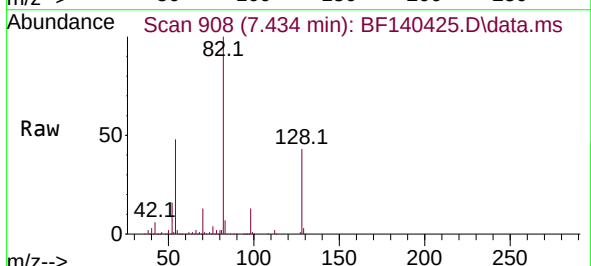
T-20

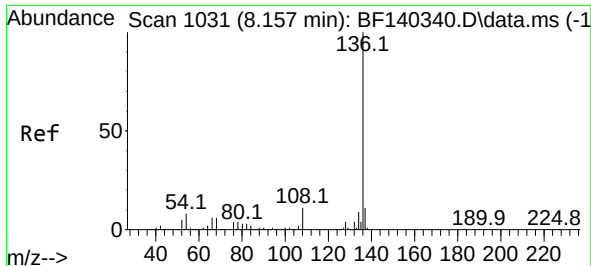
Tgt Ion: 99 Resp: 758831
Ion Ratio Lower Upper
99 100
42 18.2 15.1 22.7
71 34.8 27.9 41.9



#19
n-Nitroso-di-n-propylamine
Concen: 12.022 ng
RT: 7.434 min Scan# 908
Delta R.T. 0.141 min
Lab File: BF140425.D
Acq: 16 Nov 2024 13:12

Tgt Ion: 70 Resp: 63840
Ion Ratio Lower Upper
70 100
42 46.9 46.8 70.2
101 0.0 7.5 11.3#
130 2.0 16.3 24.5#



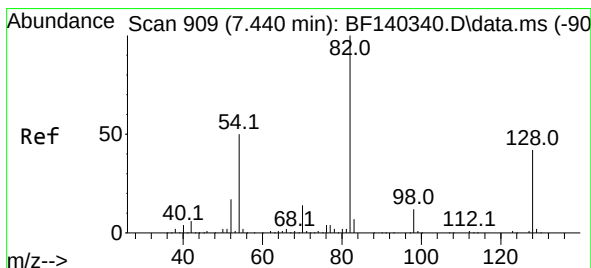
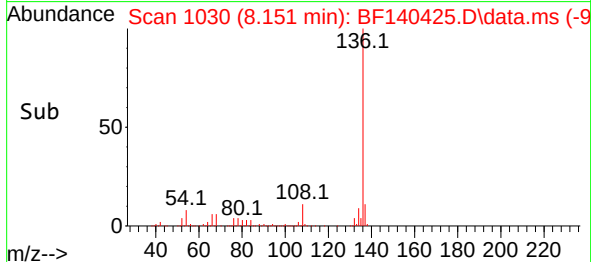
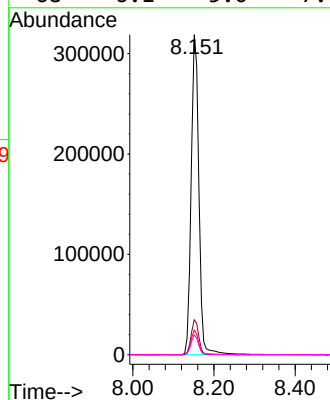
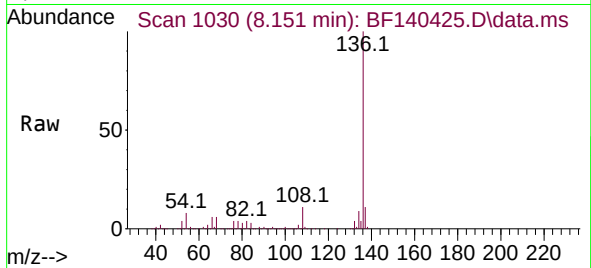


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF140425.D
Acq: 16 Nov 2024 13:12

Instrument :
BNA_F
ClientSampleId :
T-20

Tgt Ion:136 Resp: 418104

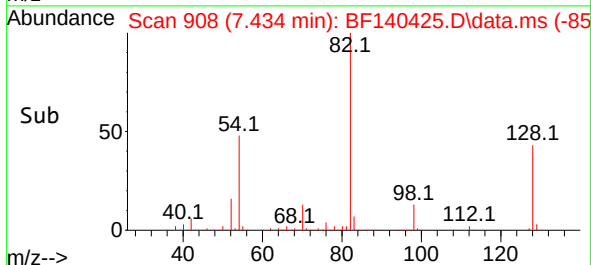
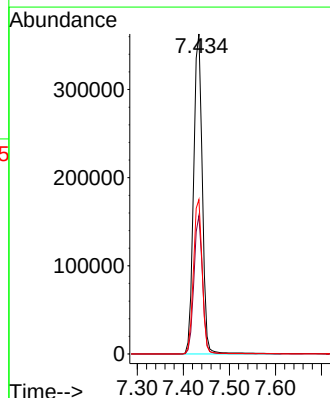
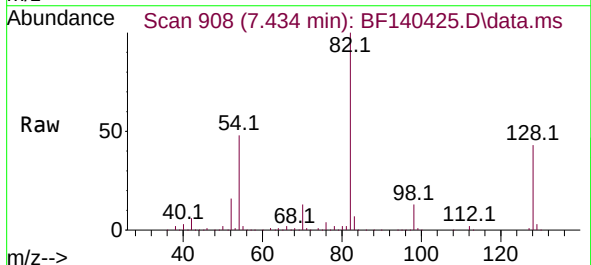
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.7	13.1
54	7.7	6.5	9.7
68	6.1	5.0	7.6

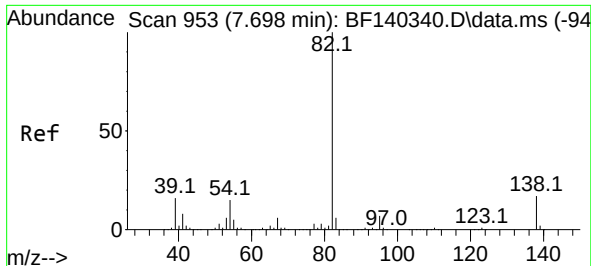


#23
Nitrobenzene-d5
Concen: 59.437 ng
RT: 7.434 min Scan# 908
Delta R.T. -0.006 min
Lab File: BF140425.D
Acq: 16 Nov 2024 13:12

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

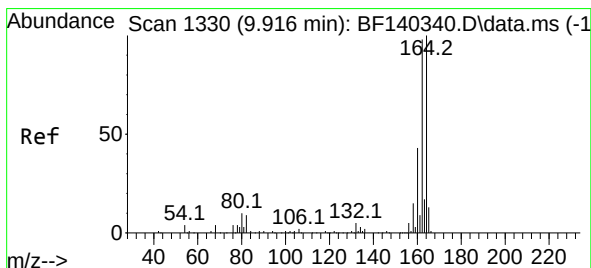
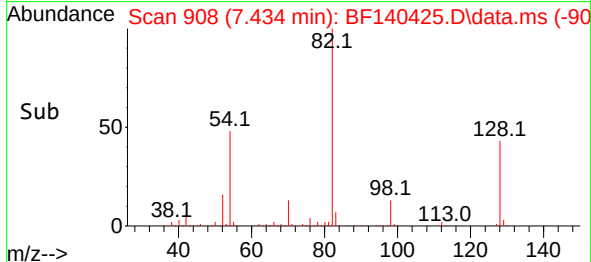
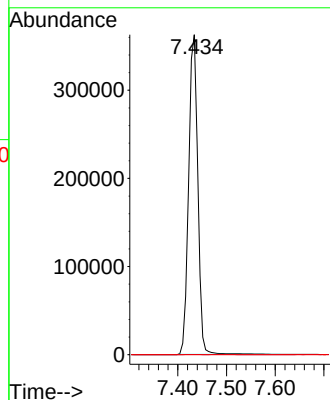
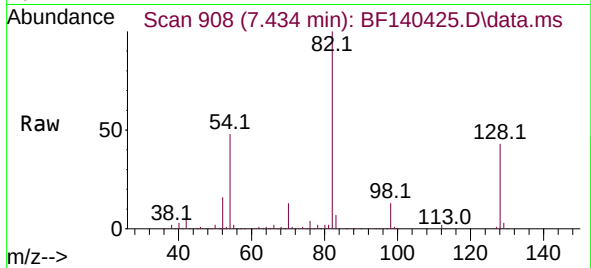




#25
Isophorone
Concen: 33.198 ng
RT: 7.434 min Scan# 90
Delta R.T. -0.265 min
Lab File: BF140425.D
Acq: 16 Nov 2024 13:12

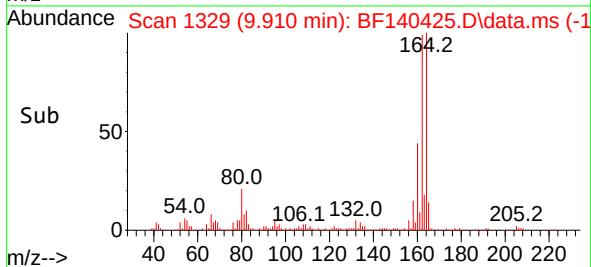
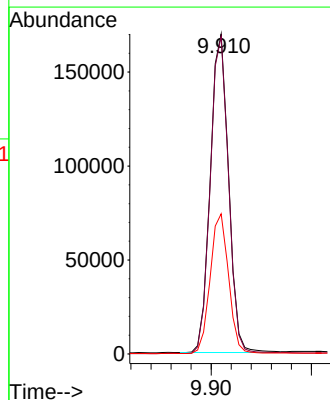
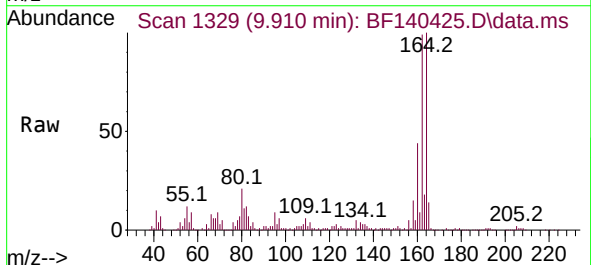
Instrument :
BNA_F
ClientSampleId :
T-20

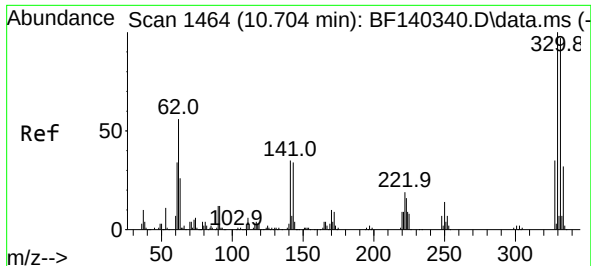
Tgt Ion: 82 Resp: 472142
Ion Ratio Lower Upper
82 100
95 0.0 5.9 8.9#
138 0.0 13.4 20.2#



#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

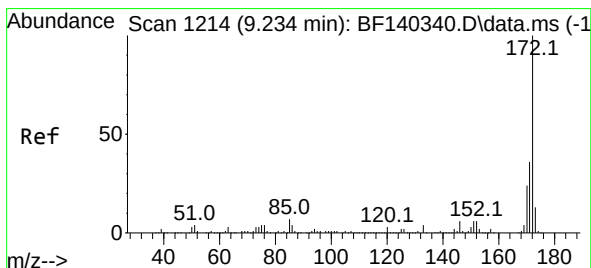
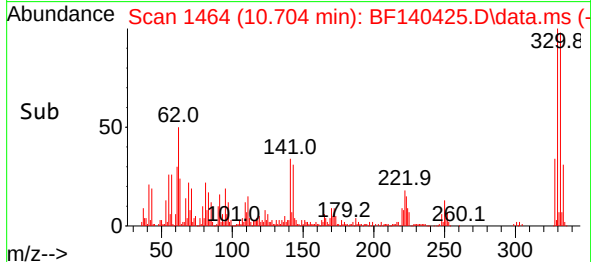
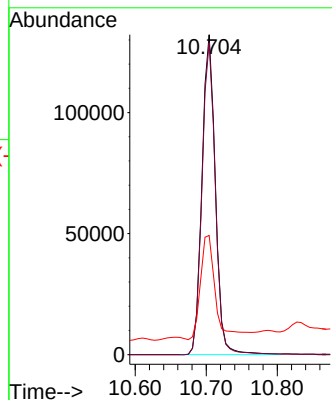
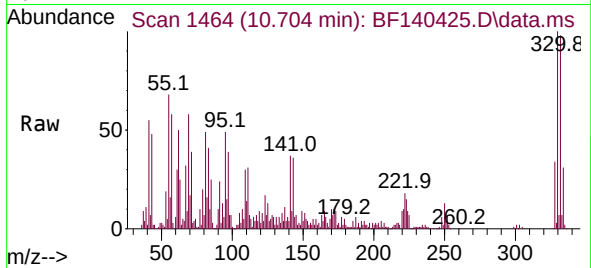




#42
2,4,6-Tribromophenol
Concen: 81.397 ng
RT: 10.704 min Scan# 1464
Delta R.T. 0.000 min
Lab File: BF140425.D
Acq: 16 Nov 2024 13:12

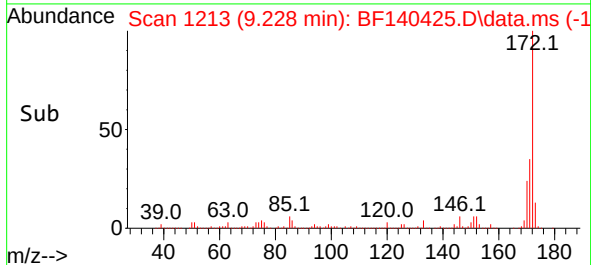
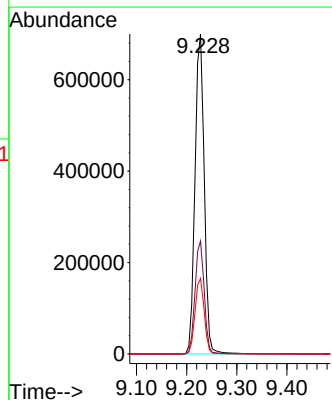
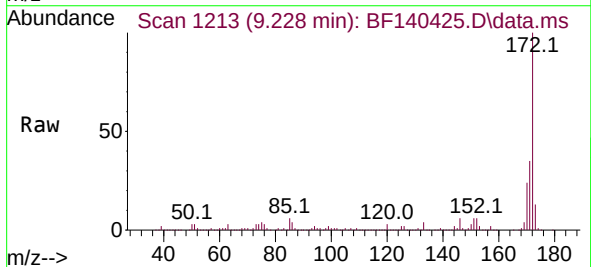
Instrument :
BNA_F
ClientSampleId :
T-20

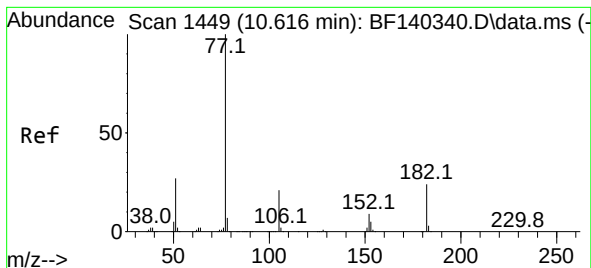
Tgt Ion: 330 Resp: 174119
Ion Ratio Lower Upper
330 100
332 97.3 75.9 113.9
141 37.6 26.9 40.3



#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





#63

Azobenzene

Concen: 2.531 ng

RT: 10.622 min Scan# 1449

Delta R.T. 0.006 min

Lab File: BF140425.D

Acq: 16 Nov 2024 13:12

Instrument :

BNA_F

ClientSampleId :

T-20

Tgt Ion: 77 Resp: 35858

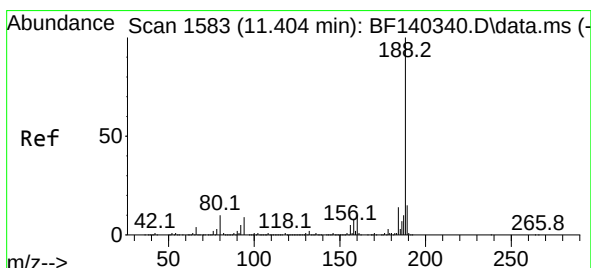
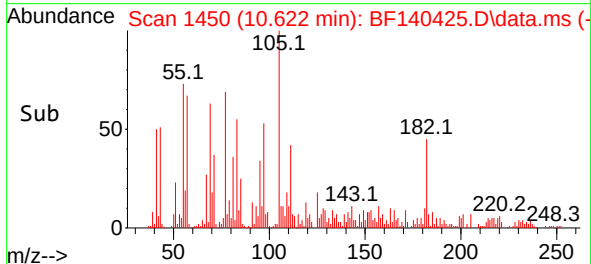
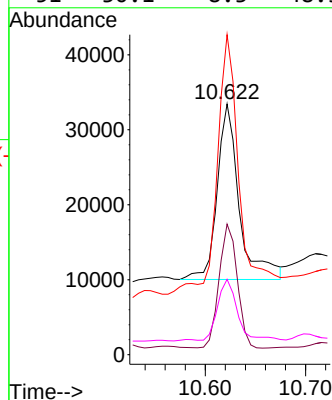
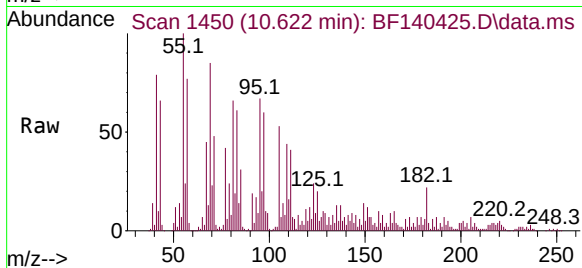
Ion Ratio Lower Upper

77 100

182 52.1 4.6 44.6#

105 127.6 0.9 40.9#

51 30.1 8.3 48.3



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.404 min Scan# 1583

Delta R.T. 0.000 min

Lab File: BF140425.D

Acq: 16 Nov 2024 13:12

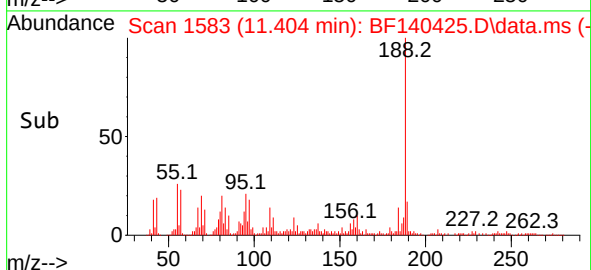
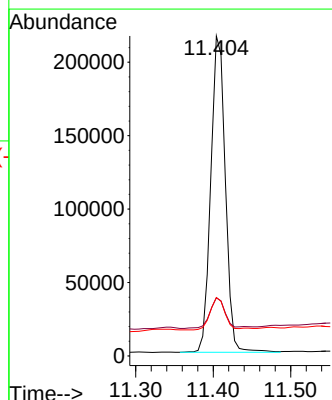
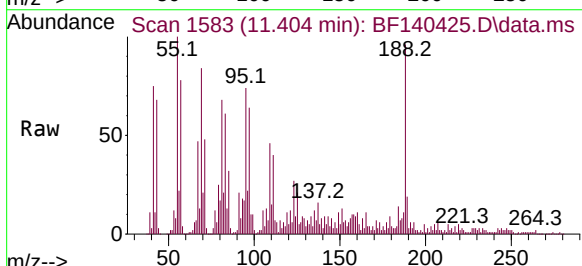
Tgt Ion:188 Resp: 281396

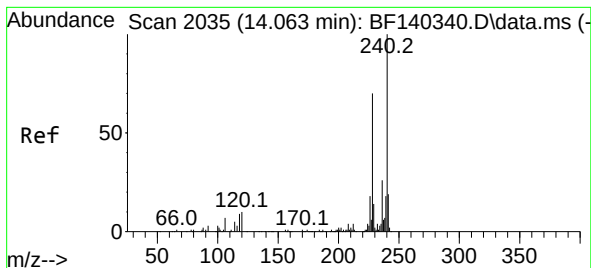
Ion Ratio Lower Upper

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# 2035

Delta R.T. 0.006 min

Lab File: BF140425.D

Acq: 16 Nov 2024 13:12

Instrument :

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ClientSampleId :

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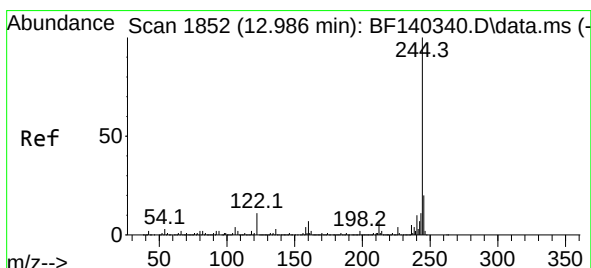
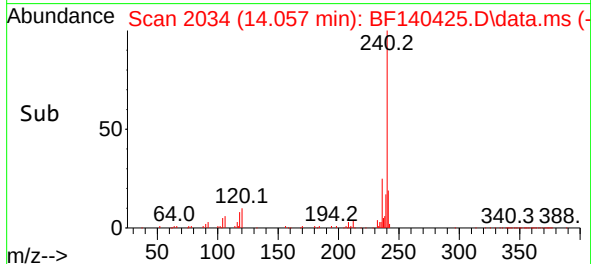
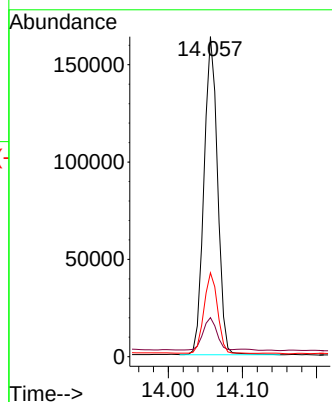
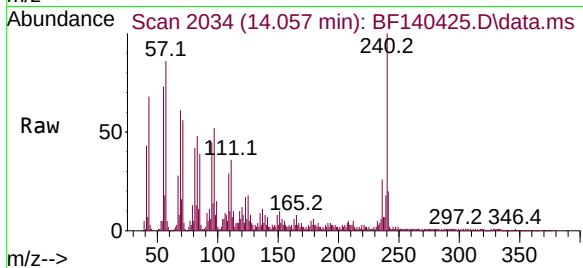
Tgt Ion:240 Resp: 208682

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# 1854

Delta R.T. 0.012 min

Lab File: BF140425.D

Acq: 16 Nov 2024 13:12

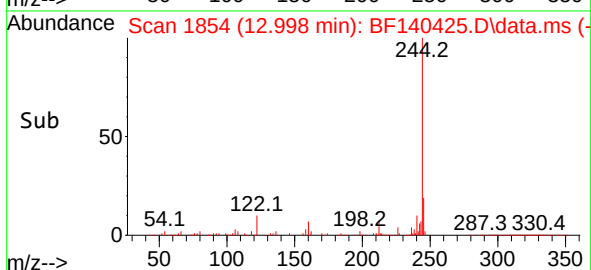
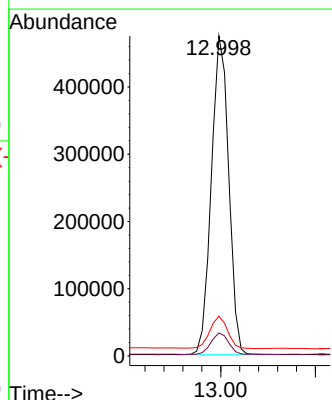
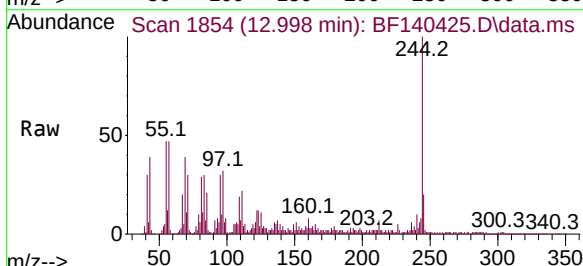
Tgt Ion:244 Resp: 602454

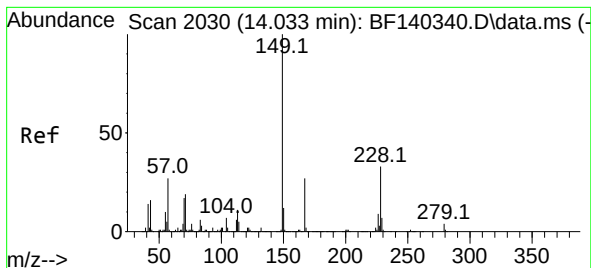
Ion Ratio Lower Upper

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# 2030

Delta R.T. 0.006 min

Lab File: BF140425.D

Acq: 16 Nov 2024 13:12

Instrument :

BNA_F

ClientSampleId :

T-20

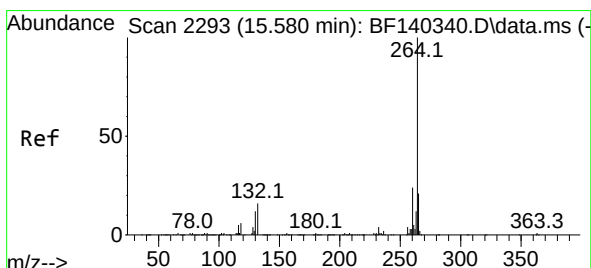
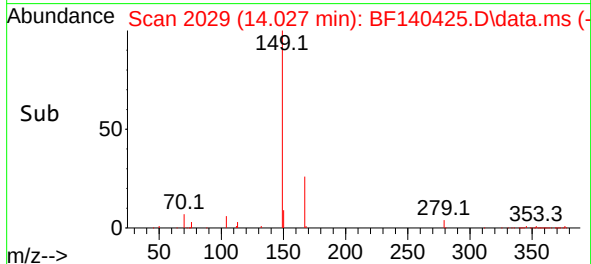
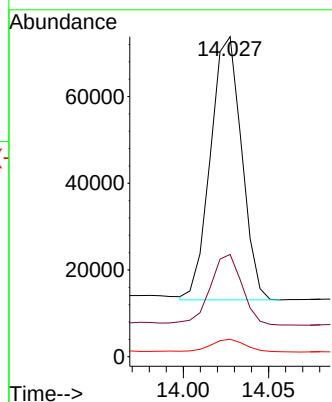
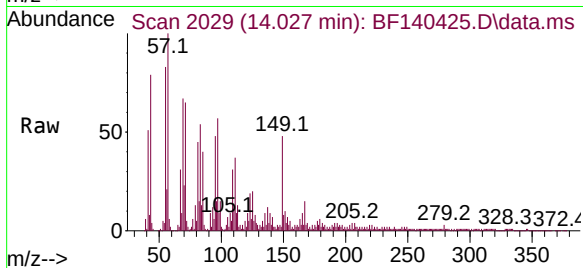
Tgt Ion:149 Resp: 77206

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# 2288

Delta R.T. -0.006 min

Lab File: BF140425.D

Acq: 16 Nov 2024 13:12

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

