

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080624\
 Data File : BF138816.D
 Acq On : 06 Aug 2024 20:12
 Operator : RC/JU
 Sample : P3458-02
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EB-70-150

Quant Time: Aug 07 01:05:09 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF073024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 30 17:50:01 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

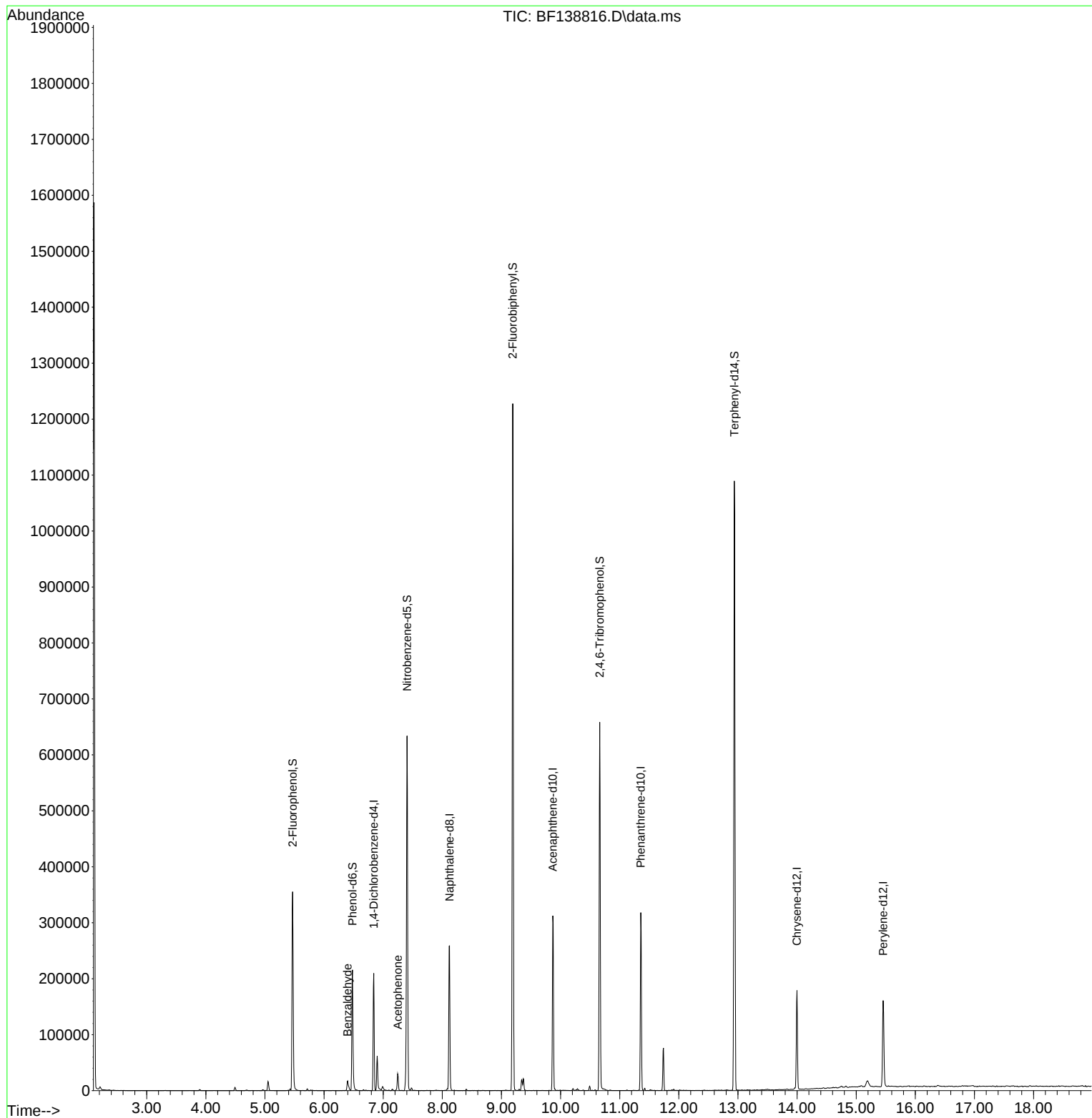
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.840	152	38948	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	162077	20.000	ng	0.00
39) Acenaphthene-d10	9.869	164	90528	20.000	ng	-0.01
64) Phenanthrene-d10	11.357	188	162333	20.000	ng	-0.01
76) Chrysene-d12	13.998	240	83404	20.000	ng	# 0.00
86) Perylene-d12	15.457	264	90601	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	122827	48.681	ng	0.00
7) Phenol-d6	6.481	99	97863	28.889	ng	0.00
23) Nitrobenzene-d5	7.404	82	276384	83.373	ng	0.00
42) 2,4,6-Tribromophenol	10.663	330	96626	130.304	ng	0.00
45) 2-Fluorobiphenyl	9.192	172	510039	84.651	ng	-0.01
79) Terphenyl-d14	12.939	244	528818	106.156	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.398	77	4982	2.453	ng	94
22) Acetophenone	7.245	105	10566	2.663	ng	# 89

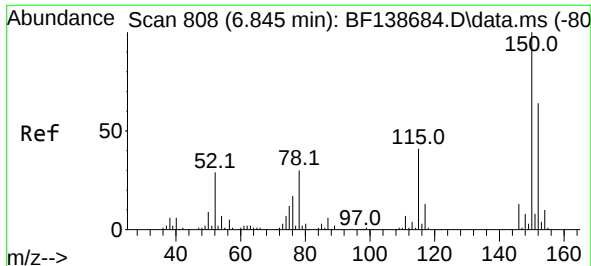
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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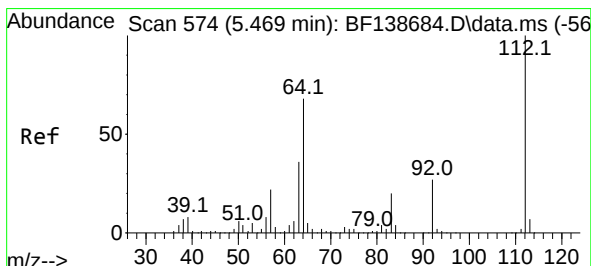
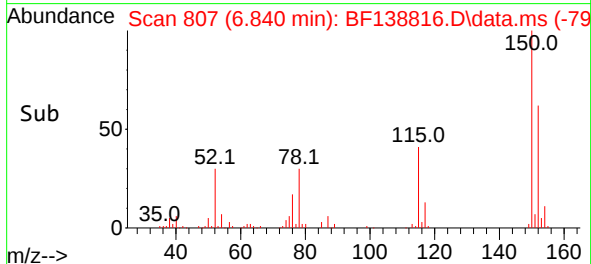
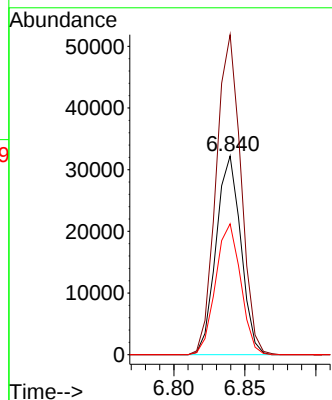
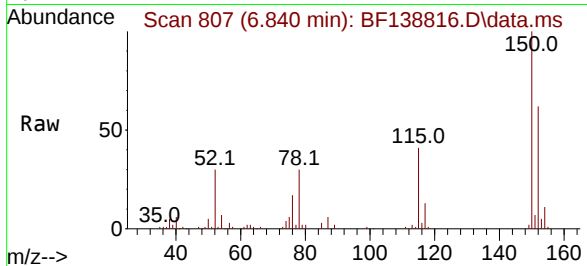




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.840 min Scan# 80
Delta R.T. -0.005 min
Lab File: BF138816.D
Acq: 06 Aug 2024 20:12

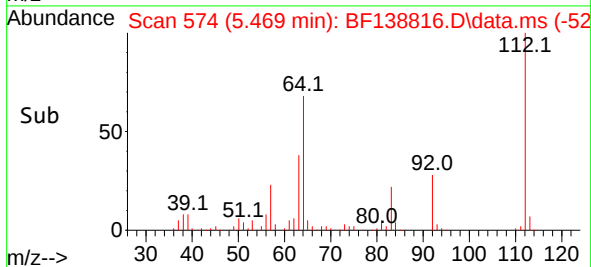
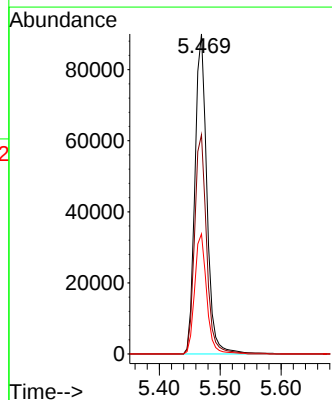
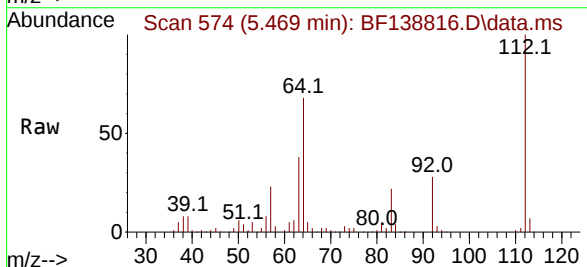
Instrument :
BNA_F
ClientSampleId :
EB-70-150

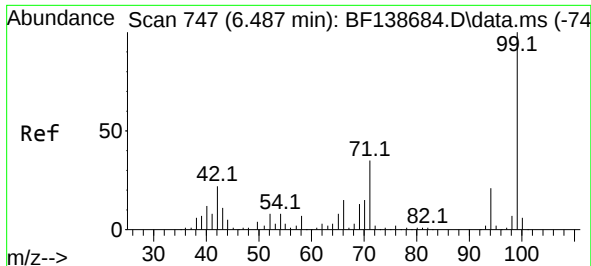
Tgt Ion:152 Resp: 38948
Ion Ratio Lower Upper
152 100
150 161.0 126.0 189.0
115 65.8 51.7 77.5



#5
2-Fluorophenol
Concen: 48.681 ng
RT: 5.469 min Scan# 574
Delta R.T. 0.000 min
Lab File: BF138816.D
Acq: 06 Aug 2024 20:12

Tgt Ion:112 Resp: 122827
Ion Ratio Lower Upper
112 100
64 68.5 54.2 81.4
63 37.5 28.7 43.1

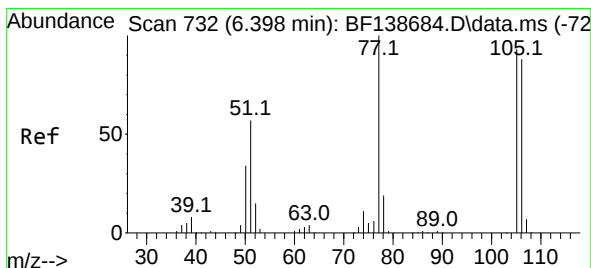
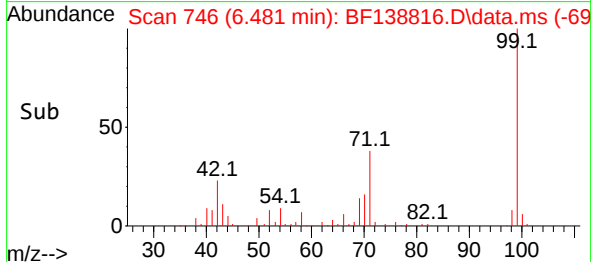
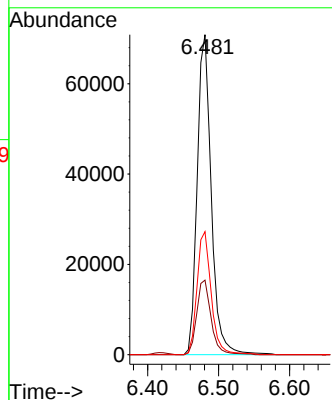
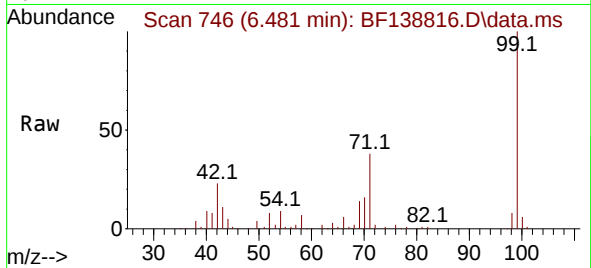




#7
Phenol-d6
Concen: 28.889 ng
RT: 6.481 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF138816.D
Acq: 06 Aug 2024 20:12

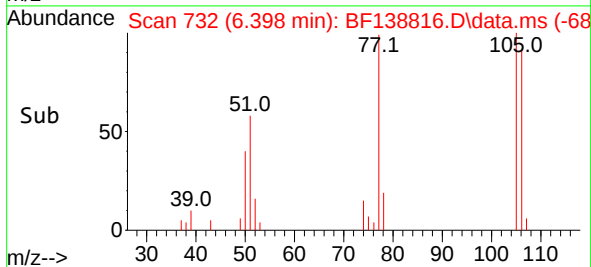
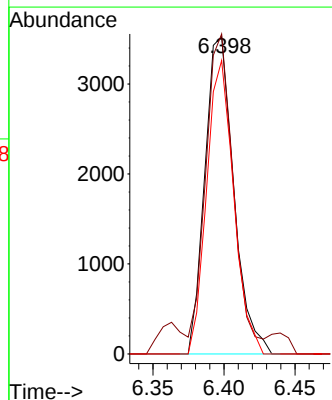
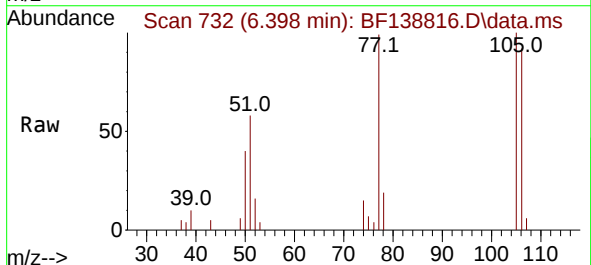
Instrument :
BNA_F
ClientSampleId :
EB-70-150

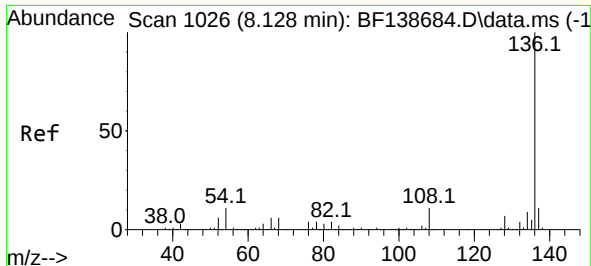
Tgt Ion: 99 Resp: 97863
Ion Ratio Lower Upper
99 100
42 23.3 17.4 26.0
71 38.4 28.1 42.1



#9
Benzaldehyde
Concen: 2.453 ng
RT: 6.398 min Scan# 732
Delta R.T. 0.000 min
Lab File: BF138816.D
Acq: 06 Aug 2024 20:12

Tgt Ion: 77 Resp: 4982
Ion Ratio Lower Upper
77 100
105 100.9 72.9 112.9
106 92.5 68.4 108.4

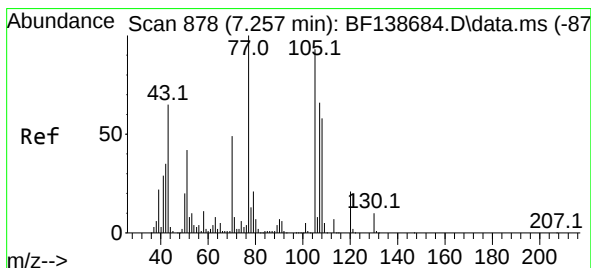
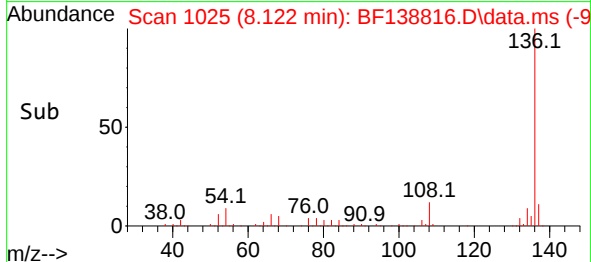
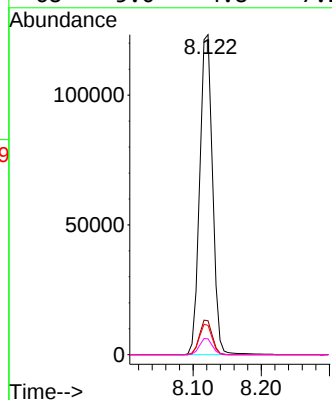
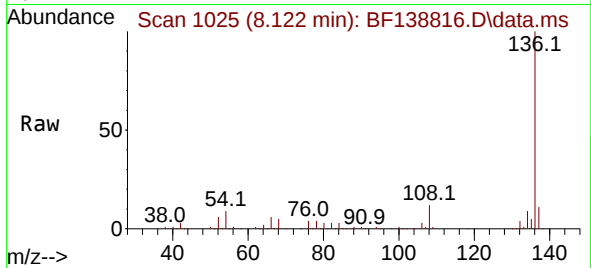




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF138816.D
Acq: 06 Aug 2024 20:12

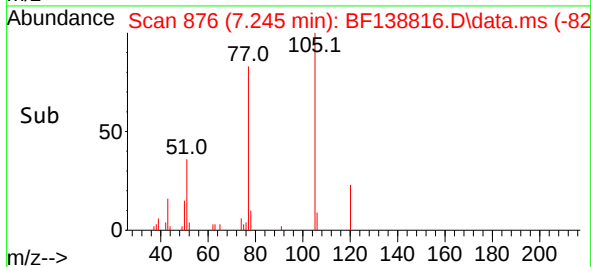
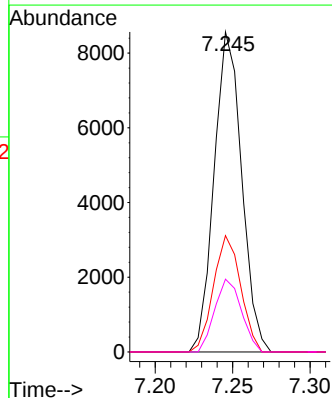
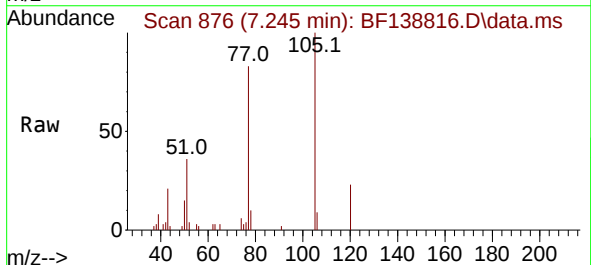
Instrument :
BNA_F
ClientSampleId :
EB-70-150

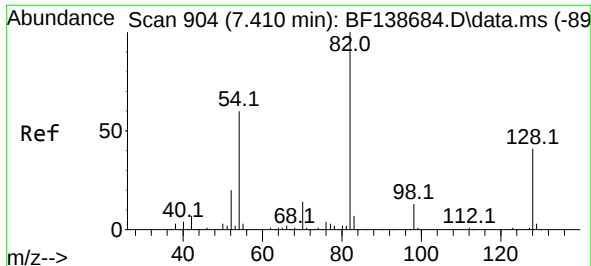
Tgt Ion:136	Resp: 162077
Ion Ratio	Lower Upper
136 100	
137 10.6	8.9 13.3
54 9.2	8.6 12.8
68 5.0	4.8 7.2



#22
Acetophenone
Concen: 2.663 ng
RT: 7.245 min Scan# 876
Delta R.T. -0.012 min
Lab File: BF138816.D
Acq: 06 Aug 2024 20:12

Tgt	Ion:105	Resp:	10566
Ion	Ratio	Lower	Upper
105	100		
71	0.0	7.2	10.8#
51	36.3	35.9	53.9
120	22.7	17.6	26.4





#23

Nitrobenzene-d5

Concen: 83.373 ng

RT: 7.404 min Scan# 904

Delta R.T. -0.006 min

Lab File: BF138816.D

Acq: 06 Aug 2024 20:12

Instrument :

BNA_F

ClientSampleId :

EB-70-150

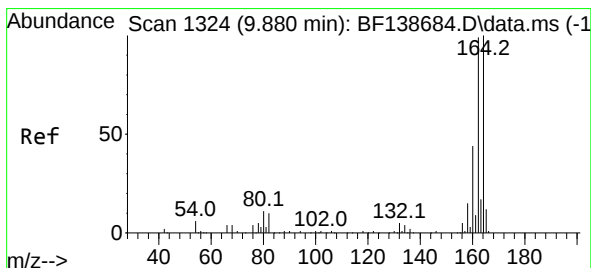
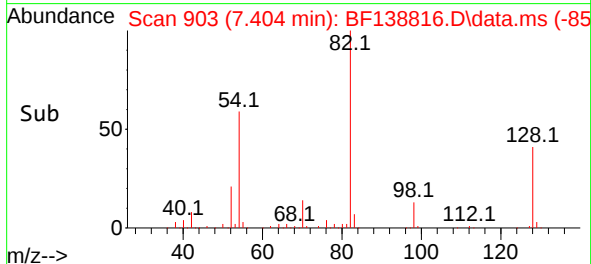
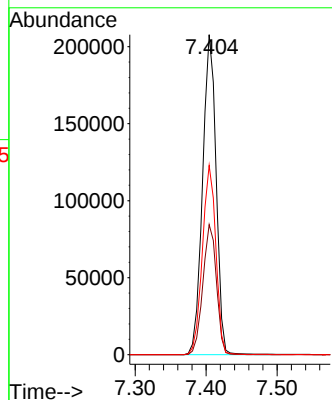
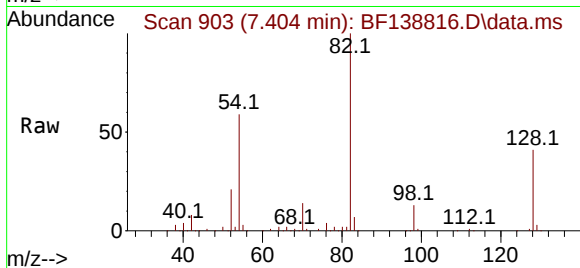
Tgt Ion: 82 Resp: 276384

Ion Ratio Lower Upper

82 100

128 40.7 32.8 49.2

54 59.1 48.3 72.5



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.869 min Scan# 1322

Delta R.T. -0.011 min

Lab File: BF138816.D

Acq: 06 Aug 2024 20:12

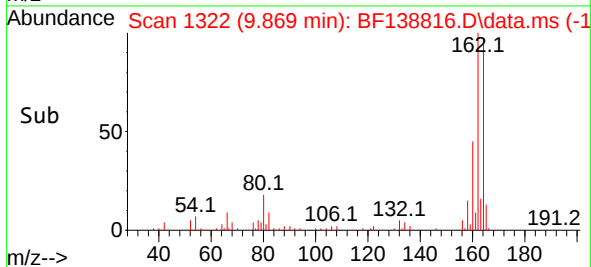
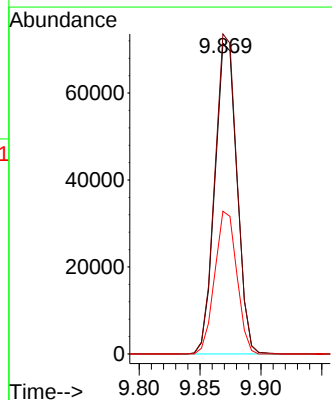
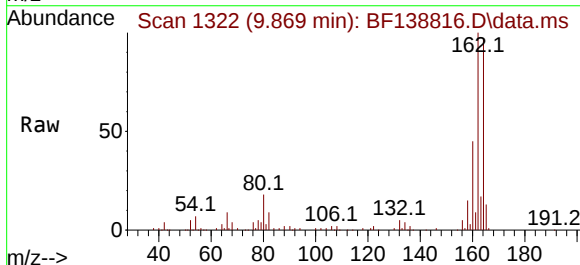
Tgt Ion:164 Resp: 90528

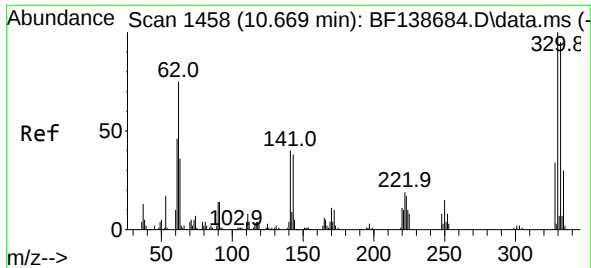
Ion Ratio Lower Upper

164 100

162 103.1 79.4 119.0

160 46.0 35.1 52.7





#42

2,4,6-Tribromophenol

Concen: 130.304 ng

RT: 10.663 min Scan# 1458

Delta R.T. -0.006 min

Lab File: BF138816.D

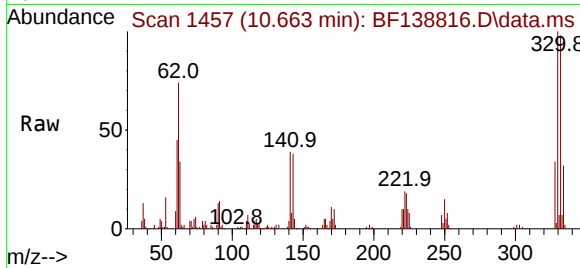
Acq: 06 Aug 2024 20:12

Instrument :

BNA_F

ClientSampleId :

EB-70-150



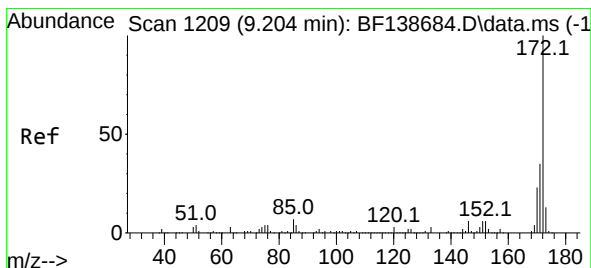
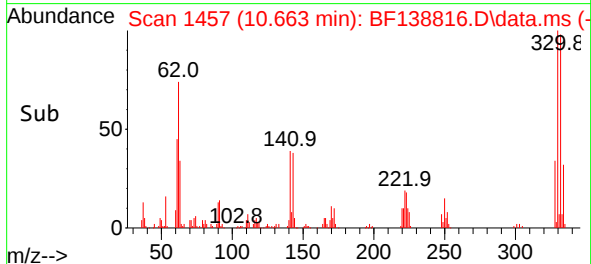
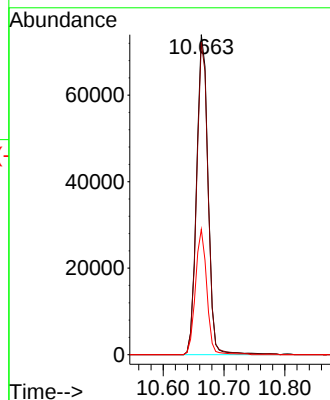
Tgt Ion:330 Resp: 96626

Ion Ratio Lower Upper

330 100

332 97.6 76.4 114.6

141 38.8 31.1 46.7



#45

2-Fluorobiphenyl

Concen: 84.651 ng

RT: 9.192 min Scan# 1207

Delta R.T. -0.012 min

Lab File: BF138816.D

Acq: 06 Aug 2024 20:12

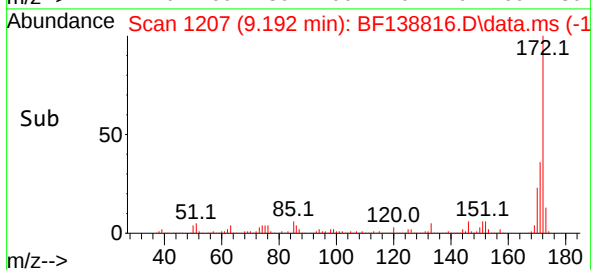
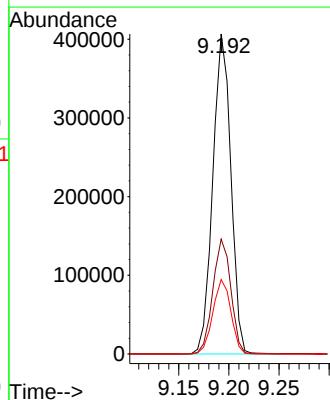
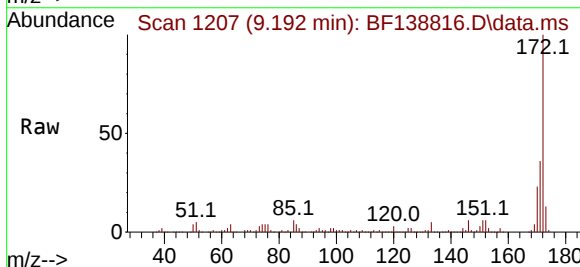
Tgt Ion:172 Resp: 510039

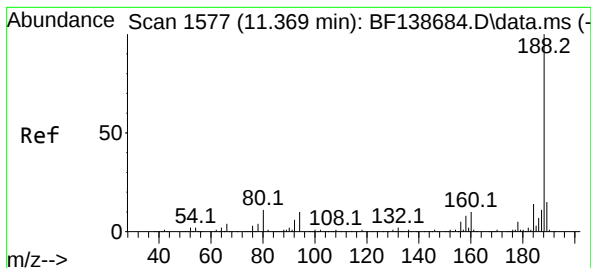
Ion Ratio Lower Upper

172 100

171 35.9 28.3 42.5

170 23.3 18.8 28.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.357 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF138816.D

Acq: 06 Aug 2024 20:12

Instrument :

BNA_F

ClientSampleId :

EB-70-150

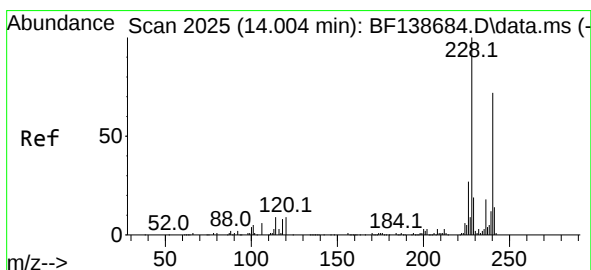
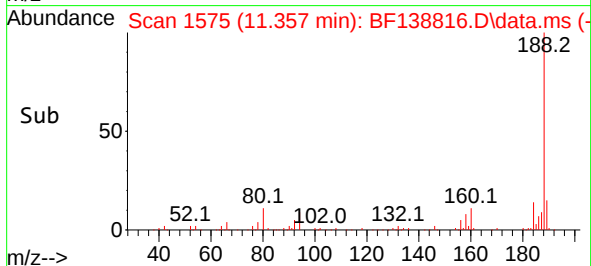
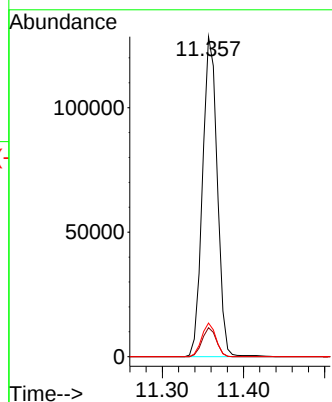
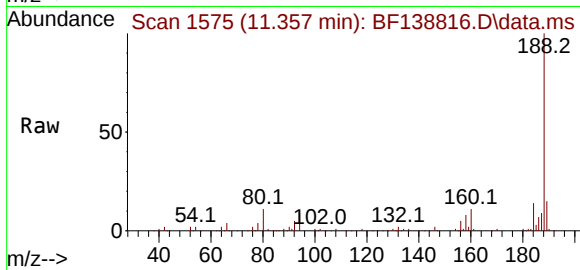
Tgt Ion:188 Resp: 162333

Ion Ratio Lower Upper

188 100

94 9.0 7.6 11.4

80 10.5 8.6 12.8



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.998 min Scan# 2024

Delta R.T. -0.006 min

Lab File: BF138816.D

Acq: 06 Aug 2024 20:12

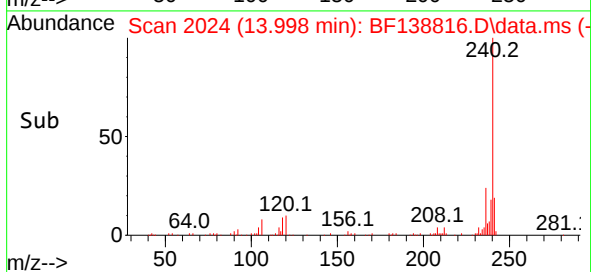
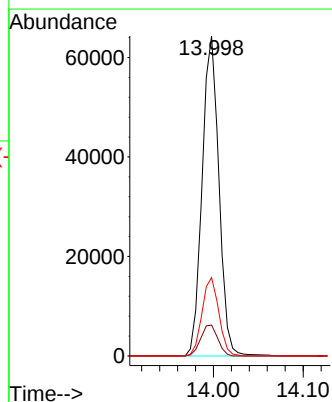
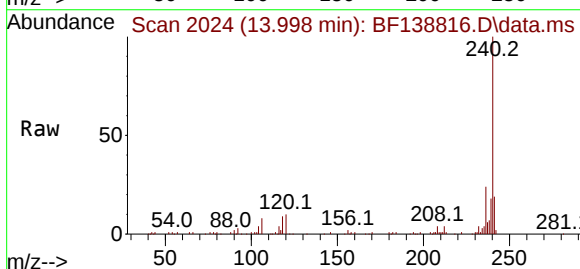
Tgt Ion:240 Resp: 83404

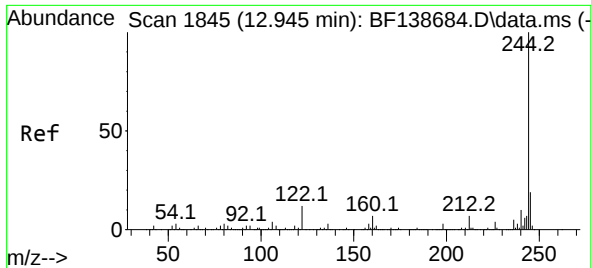
Ion Ratio Lower Upper

240 100

120 9.7 10.2 15.4#

236 24.5 19.8 29.8

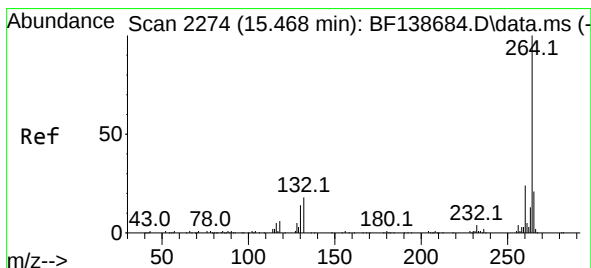
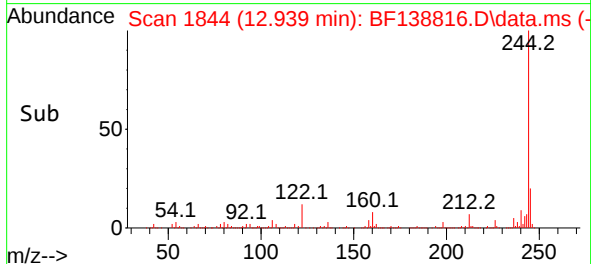
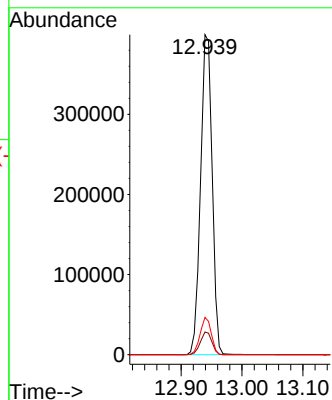
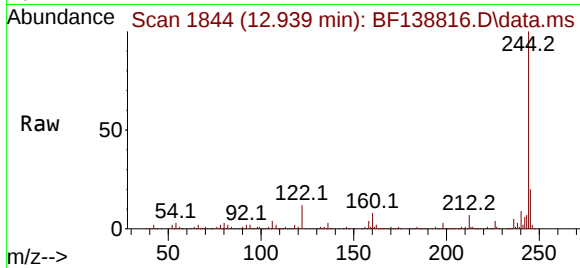




#79
 Terphenyl-d14
 Concen: 106.156 ng
 RT: 12.939 min Scan# 1844
 Delta R.T. -0.006 min
 Lab File: BF138816.D
 Acq: 06 Aug 2024 20:12

Instrument :
 BNA_F
 ClientSampleId :
 EB-70-150

Tgt Ion:244 Resp: 528818
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.4 8.2
 122 11.6 9.6 14.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.457 min Scan# 2272
 Delta R.T. -0.012 min
 Lab File: BF138816.D
 Acq: 06 Aug 2024 20:12

Tgt Ion:264 Resp: 90601
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.0 28.6
 265 21.2 17.0 25.6

