

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081524\
 Data File : BF139016.D
 Acq On : 15 Aug 2024 11:45
 Operator : RC/JU
 Sample : PB162682TB
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB162682TB

Quant Time: Aug 15 12:32:31 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	6.834	152	35539	20.000	ng	-0.01
21) Naphthalene-d8	8.116	136	140063	20.000	ng	-0.01
39) Acenaphthene-d10	9.869	164	79629	20.000	ng	-0.01
64) Phenanthrene-d10	11.357	188	148209	20.000	ng	-0.01
76) Chrysene-d12	13.998	240	82222	20.000	ng	# 0.00
86) Perylene-d12	15.463	264	64812	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	358827	155.858	ng	0.01
7) Phenol-d6	6.487	99	473076	153.048	ng	0.00
23) Nitrobenzene-d5	7.404	82	314676	109.843	ng	0.00
42) 2,4,6-Tribromophenol	10.663	330	109648	168.103	ng	0.00
45) 2-Fluorobiphenyl	9.187	172	576899	108.853	ng	-0.02
79) Terphenyl-d14	12.939	244	663161	135.038	ng	0.00

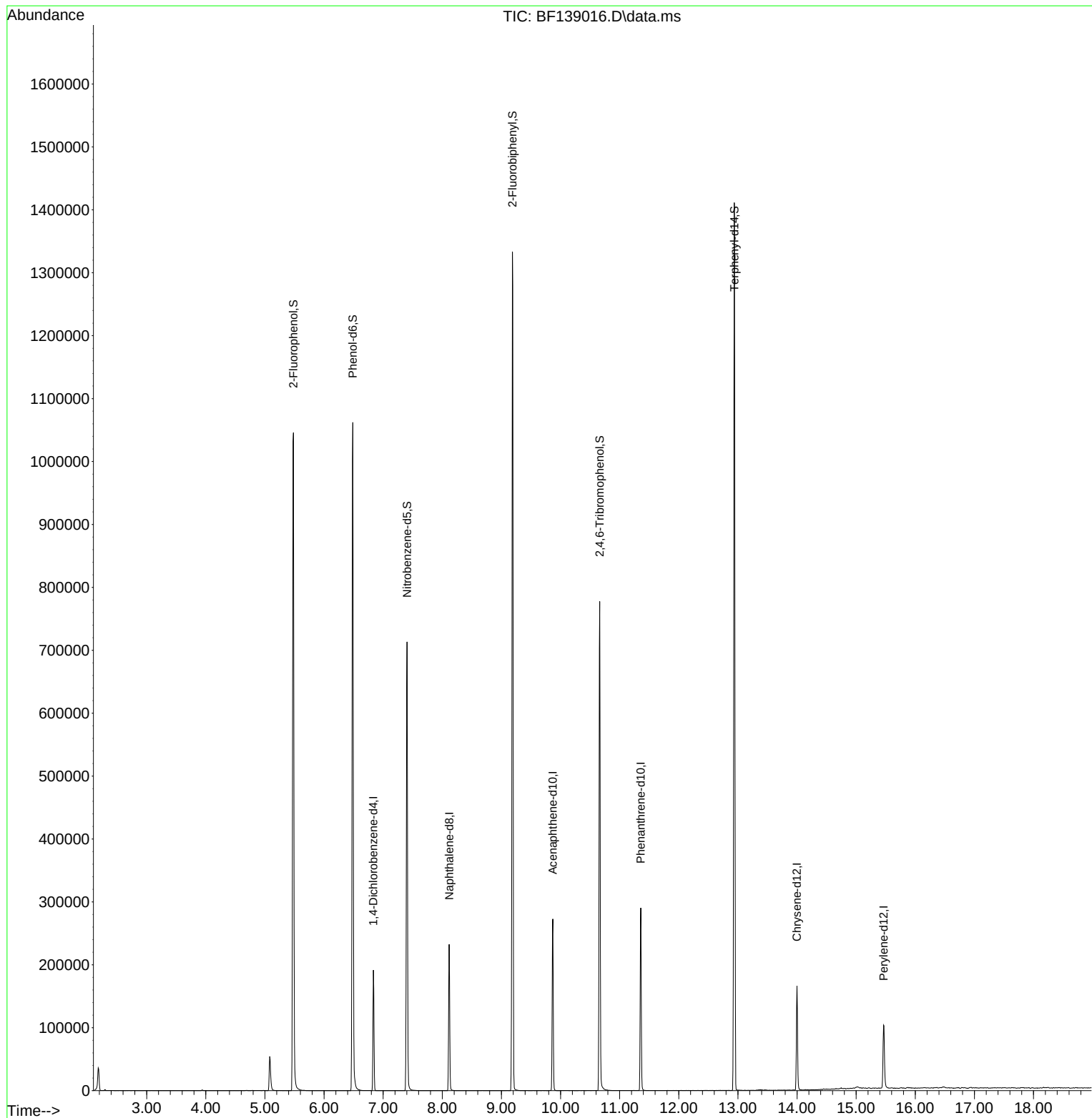
Target Compounds	Qvalue

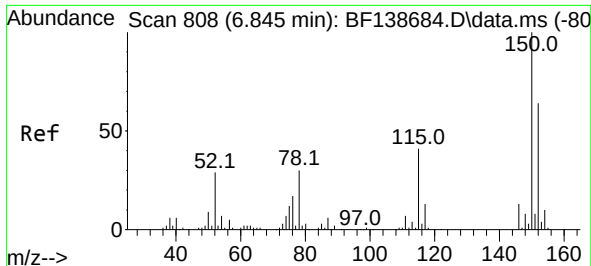
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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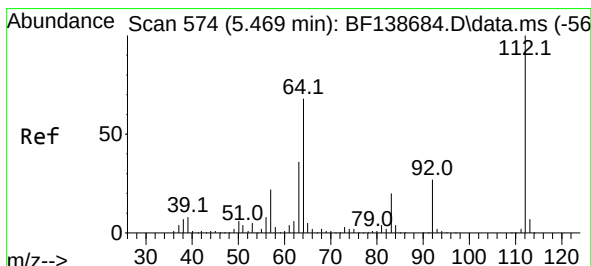
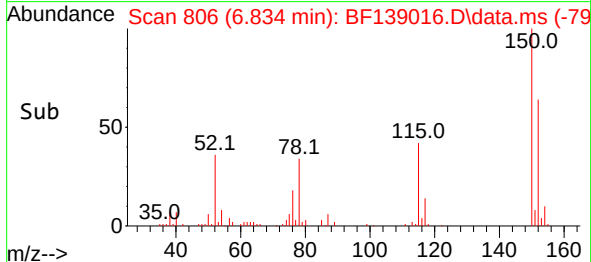
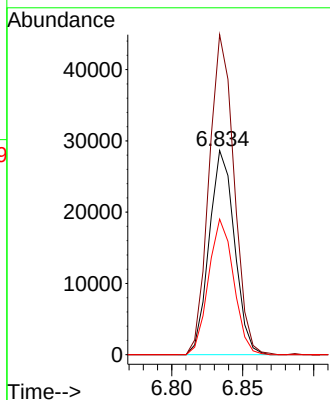
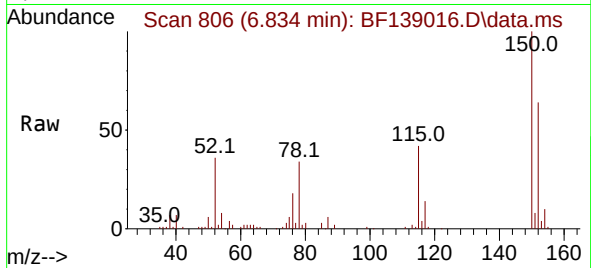




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.834 min Scan# 808
Delta R.T. -0.011 min
Lab File: BF139016.D
Acq: 15 Aug 2024 11:45

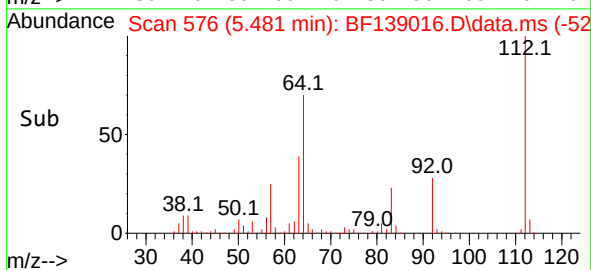
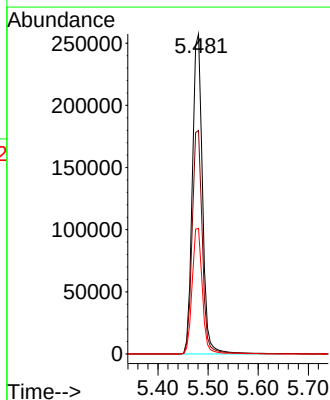
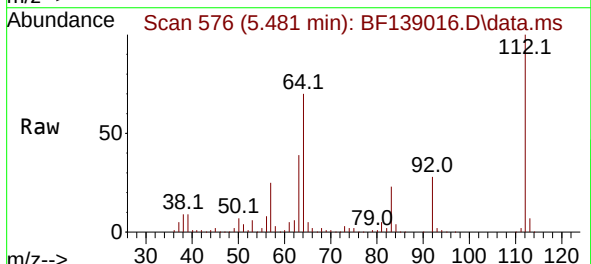
Instrument :
BNA_F
ClientSampleId :
PB162682TB

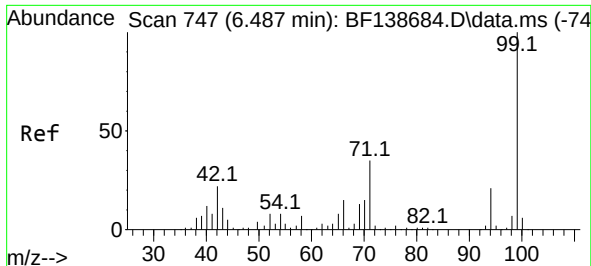
Tgt Ion:152 Resp: 35539
Ion Ratio Lower Upper
152 100
150 156.7 126.0 189.0
115 66.4 51.7 77.5



#5
2-Fluorophenol
Concen: 155.858 ng
RT: 5.481 min Scan# 576
Delta R.T. 0.012 min
Lab File: BF139016.D
Acq: 15 Aug 2024 11:45

Tgt Ion:112 Resp: 358827
Ion Ratio Lower Upper
112 100
64 69.9 54.2 81.4
63 39.2 28.7 43.1

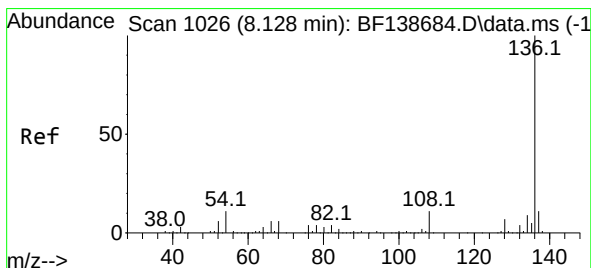
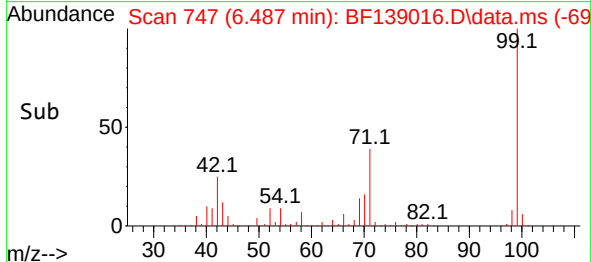
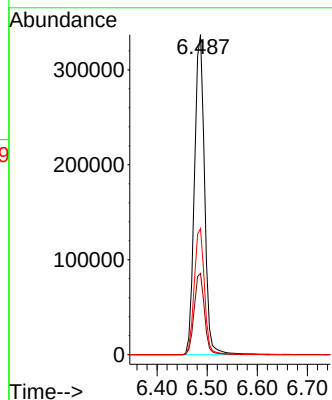
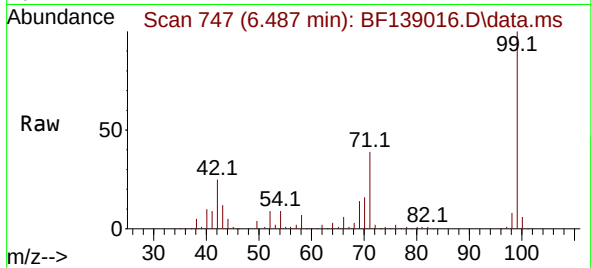




#7
Phenol-d6
Concen: 153.048 ng
RT: 6.487 min Scan# 74
Delta R.T. 0.000 min
Lab File: BF139016.D
Acq: 15 Aug 2024 11:45

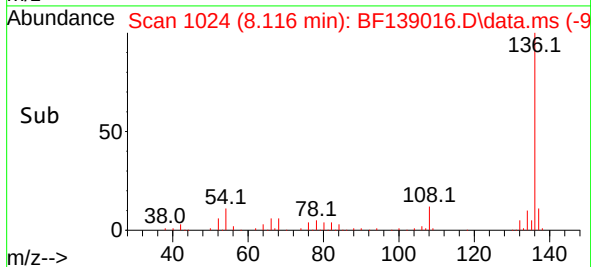
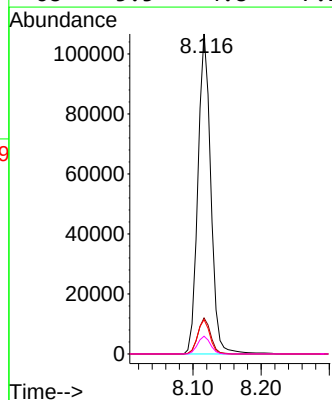
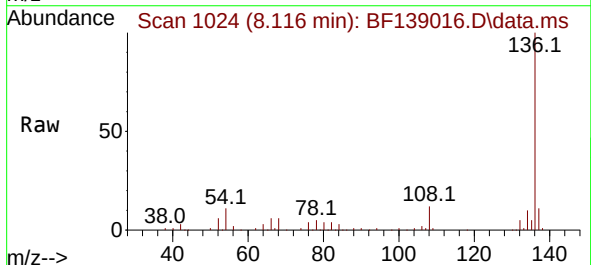
Instrument :
BNA_F
ClientSampleId :
PB162682TB

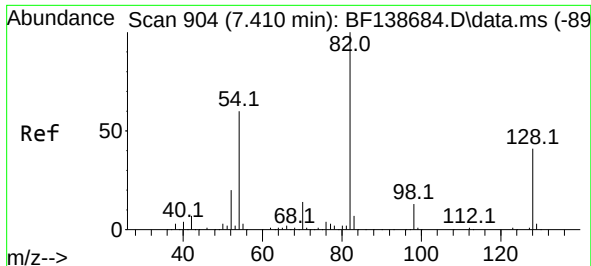
Tgt Ion: 99 Resp: 473076
Ion Ratio Lower Upper
99 100
42 25.4 17.4 26.0
71 39.4 28.1 42.1



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.116 min Scan# 1024
Delta R.T. -0.012 min
Lab File: BF139016.D
Acq: 15 Aug 2024 11:45

Tgt Ion: 136 Resp: 140063
Ion Ratio Lower Upper
136 100
137 11.3 8.9 13.3
54 10.7 8.6 12.8
68 5.5 4.8 7.2

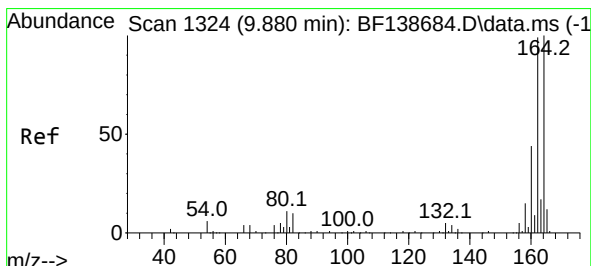
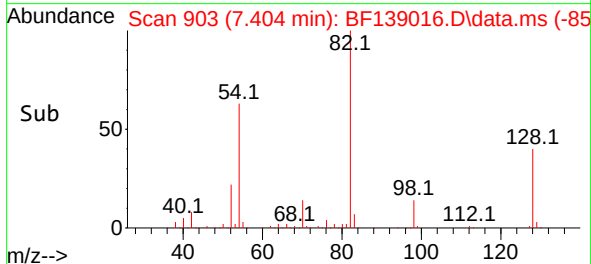
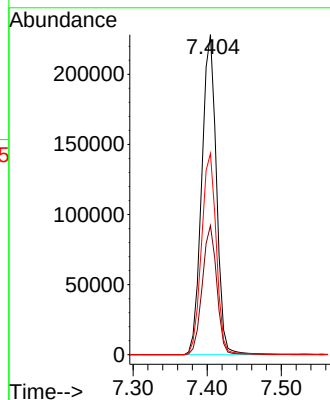
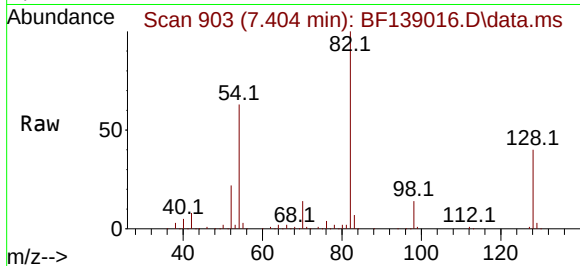




#23
 Nitrobenzene-d5
 Concen: 109.843 ng
 RT: 7.404 min Scan# 904
 Delta R.T. -0.006 min
 Lab File: BF139016.D
 Acq: 15 Aug 2024 11:45

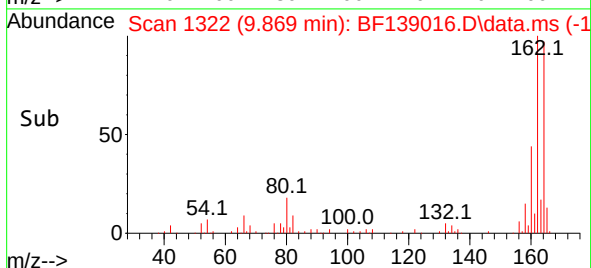
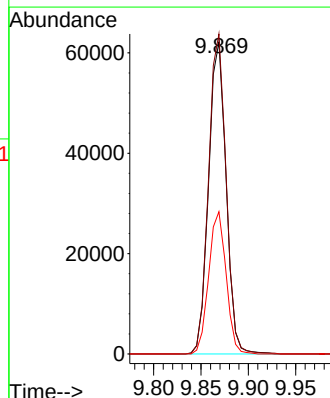
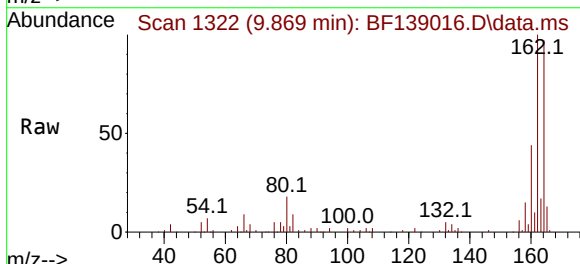
Instrument :
 BNA_F
 ClientSampleId :
 PB162682TB

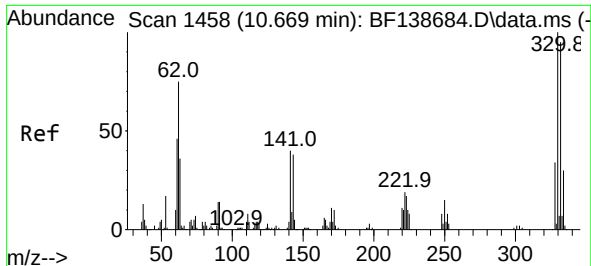
Tgt Ion: 82 Resp: 314676
 Ion Ratio Lower Upper
 82 100
 128 40.3 32.8 49.2
 54 62.9 48.3 72.5



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.869 min Scan# 1322
 Delta R.T. -0.011 min
 Lab File: BF139016.D
 Acq: 15 Aug 2024 11:45

Tgt Ion:164 Resp: 79629
 Ion Ratio Lower Upper
 164 100
 162 102.6 79.4 119.0
 160 45.6 35.1 52.7





#42

2,4,6-Tribromophenol

Concen: 168.103 ng

RT: 10.663 min Scan# 1458

Delta R.T. -0.006 min

Lab File: BF139016.D

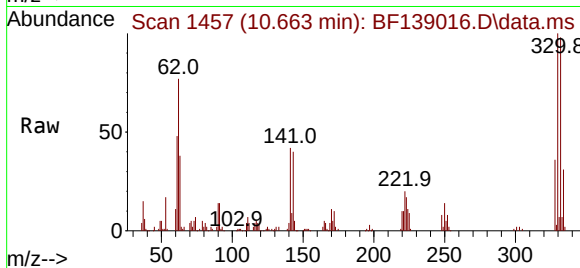
Acq: 15 Aug 2024 11:45

Instrument :

BNA_F

ClientSampleId :

PB162682TB



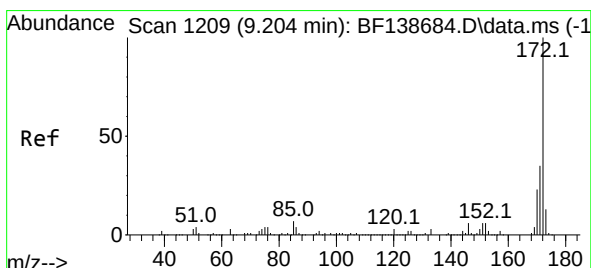
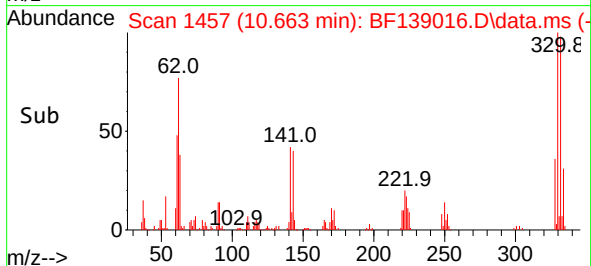
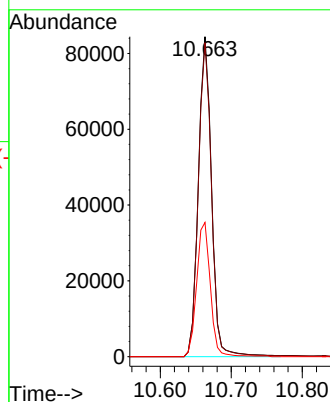
Tgt Ion:330 Resp: 109648

Ion Ratio Lower Upper

330 100

332 98.6 76.4 114.6

141 43.4 31.1 46.7



#45

2-Fluorobiphenyl

Concen: 108.853 ng

RT: 9.187 min Scan# 1206

Delta R.T. -0.018 min

Lab File: BF139016.D

Acq: 15 Aug 2024 11:45

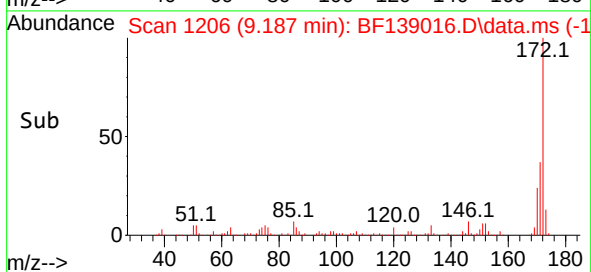
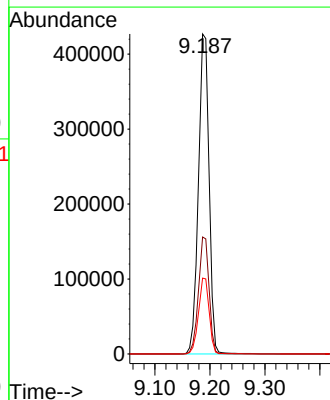
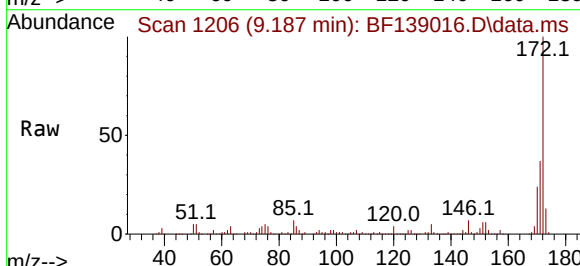
Tgt Ion:172 Resp: 576899

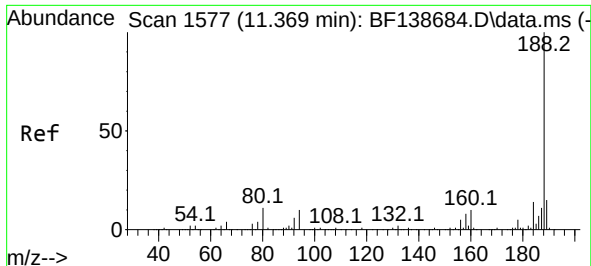
Ion Ratio Lower Upper

172 100

171 36.6 28.3 42.5

170 23.7 18.8 28.2

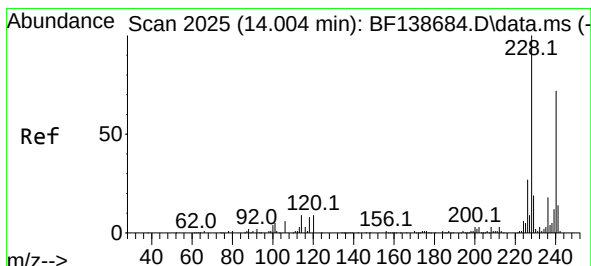
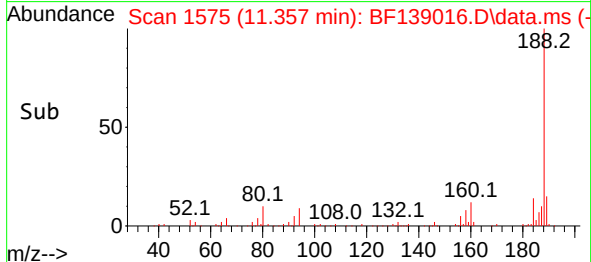
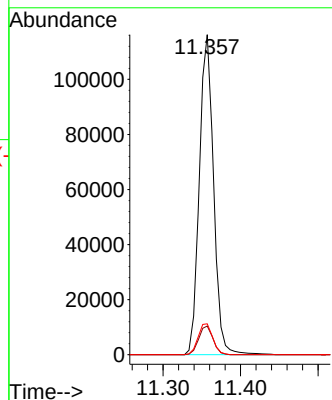
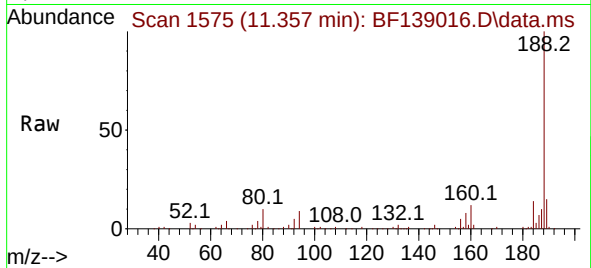




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.357 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF139016.D
Acq: 15 Aug 2024 11:45

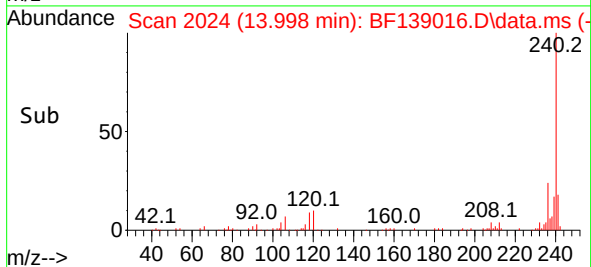
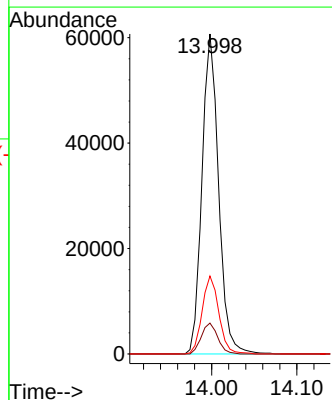
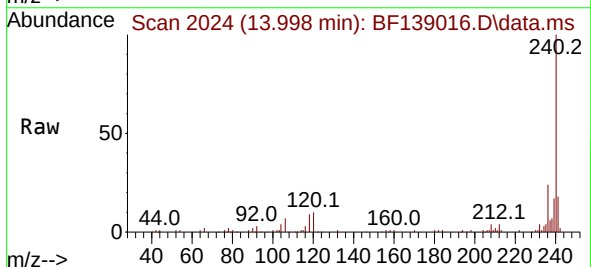
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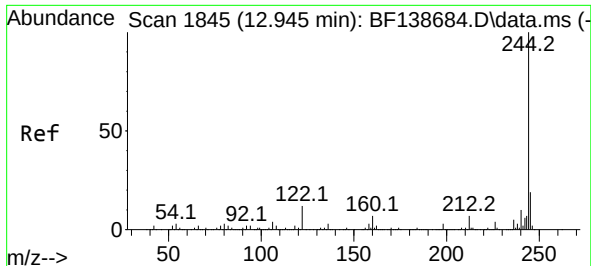
Tgt Ion:188 Resp: 148209
Ion Ratio Lower Upper
188 100
94 9.0 7.6 11.4
80 9.6 8.6 12.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.998 min Scan# 2024
Delta R.T. -0.006 min
Lab File: BF139016.D
Acq: 15 Aug 2024 11:45

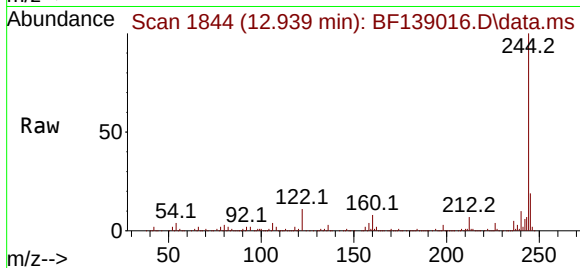
Tgt Ion:240 Resp: 82222
Ion Ratio Lower Upper
240 100
120 9.7 10.2 15.4#
236 24.3 19.8 29.8



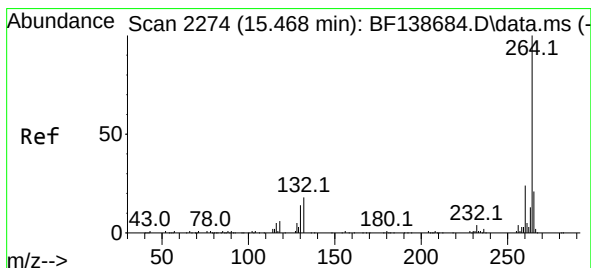
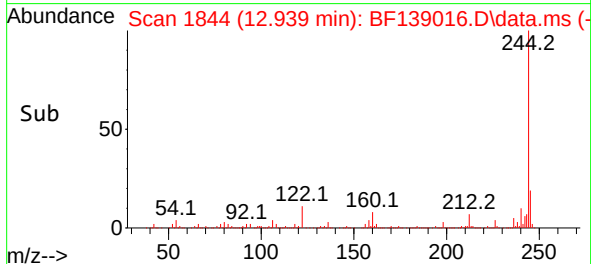
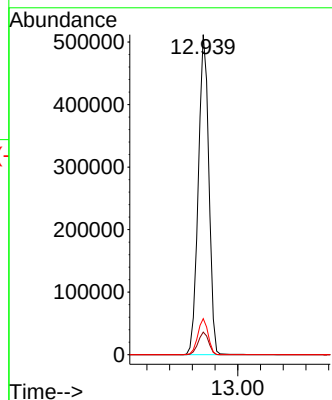


#79
 Terphenyl-d14
 Concen: 135.038 ng
 RT: 12.939 min Scan# 1844
 Delta R.T. -0.006 min
 Lab File: BF139016.D
 Acq: 15 Aug 2024 11:45

Instrument :
 BNA_F
 ClientSampleId :
 PB162682TB



Tgt Ion:244 Resp: 663161
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.4 8.2
 122 11.3 9.6 14.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.463 min Scan# 2273
 Delta R.T. -0.006 min
 Lab File: BF139016.D
 Acq: 15 Aug 2024 11:45

Tgt Ion:264 Resp: 64812
 Ion Ratio Lower Upper
 264 100
 260 24.5 19.0 28.6
 265 20.5 17.0 25.6

