

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081524\
 Data File : BF139019.D
 Acq On : 15 Aug 2024 13:16
 Operator : RC/JU
 Sample : PB162621TB
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB162621TB

Quant Time: Aug 15 13:42:42 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	40404	20.000	ng	-0.01
21) Naphthalene-d8	8.116	136	166435	20.000	ng	-0.01
39) Acenaphthene-d10	9.869	164	94313	20.000	ng	-0.01
64) Phenanthrene-d10	11.357	188	177073	20.000	ng	-0.01
76) Chrysene-d12	13.998	240	99105	20.000	ng	# 0.00
86) Perylene-d12	15.462	264	77281	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	327913	125.281	ng	0.00
7) Phenol-d6	6.487	99	431325	122.739	ng	0.00
23) Nitrobenzene-d5	7.404	82	286693	84.218	ng	0.00
42) 2,4,6-Tribromophenol	10.663	330	99513	128.811	ng	0.00
45) 2-Fluorobiphenyl	9.186	172	534438	85.141	ng	-0.02
79) Terphenyl-d14	12.939	244	609149	102.909	ng	0.00

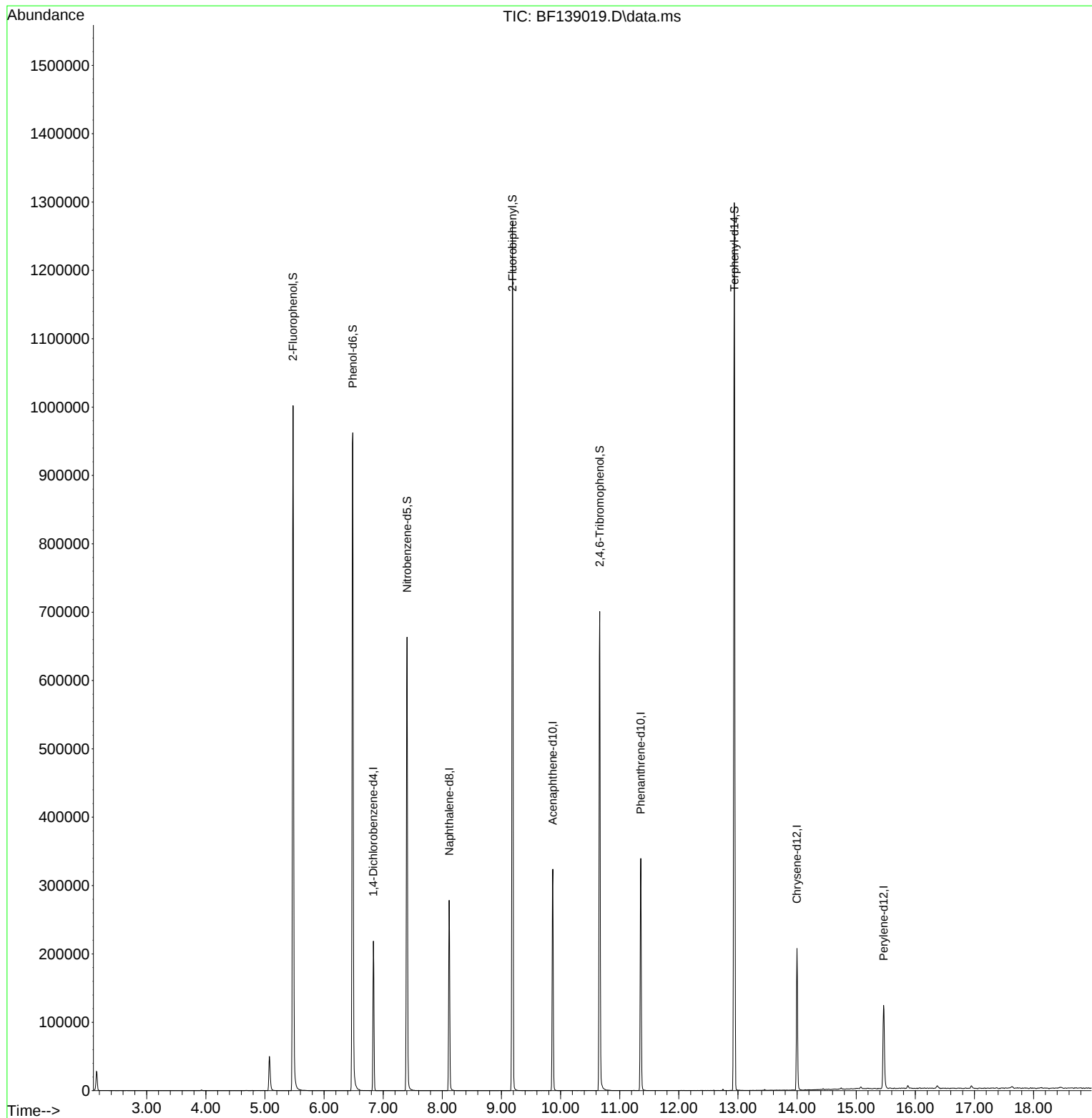
Target Compounds	Qvalue

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

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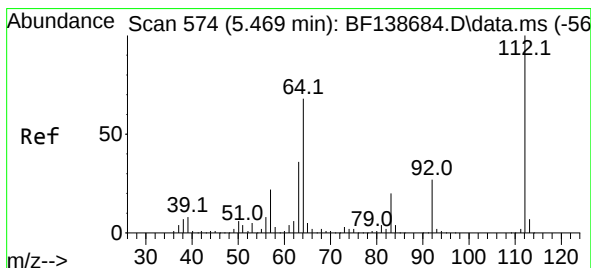
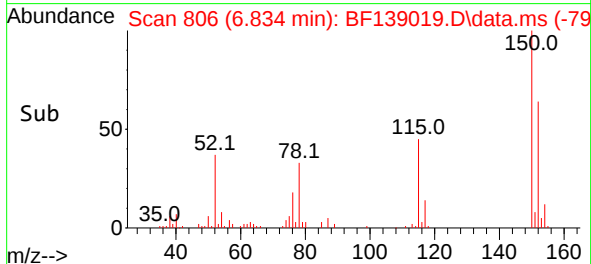
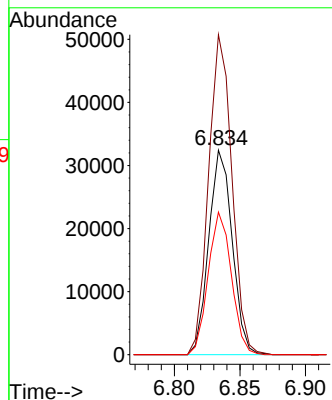
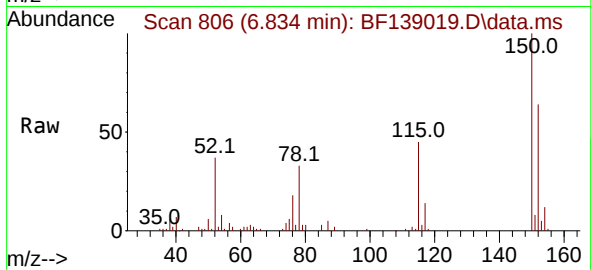




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.834 min Scan# 80
Delta R.T. -0.011 min
Lab File: BF139019.D
Acq: 15 Aug 2024 13:16

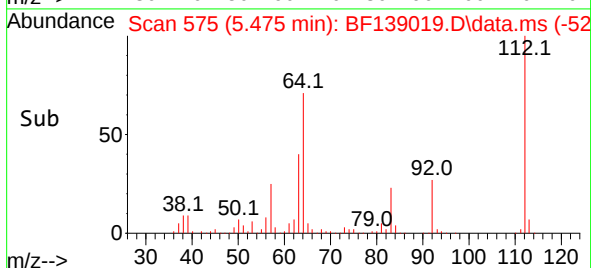
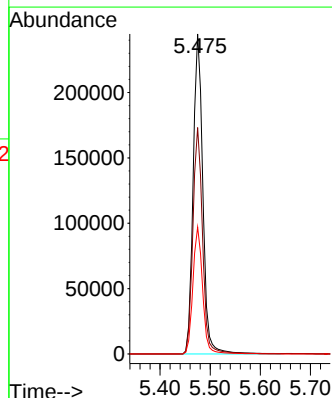
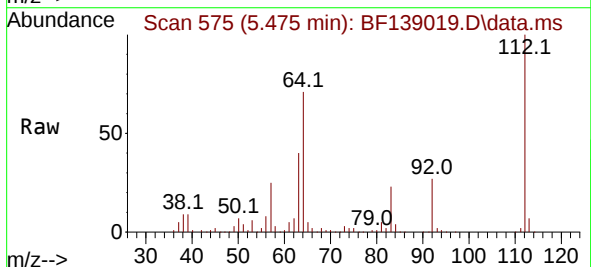
Instrument :
BNA_F
ClientSampleId :
PB162621TB

Tgt Ion:152 Resp: 40404
Ion Ratio Lower Upper
152 100
150 156.5 126.0 189.0
115 69.7 51.7 77.5



#5
2-Fluorophenol
Concen: 125.281 ng
RT: 5.475 min Scan# 575
Delta R.T. 0.006 min
Lab File: BF139019.D
Acq: 15 Aug 2024 13:16

Tgt Ion:112 Resp: 327913
Ion Ratio Lower Upper
112 100
64 70.7 54.2 81.4
63 39.7 28.7 43.1

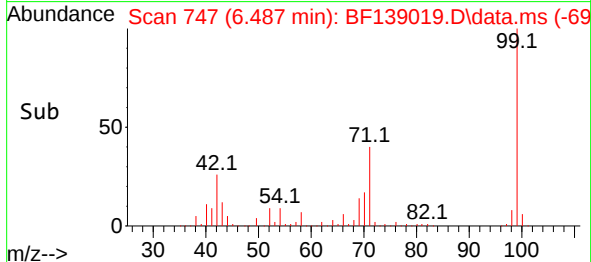
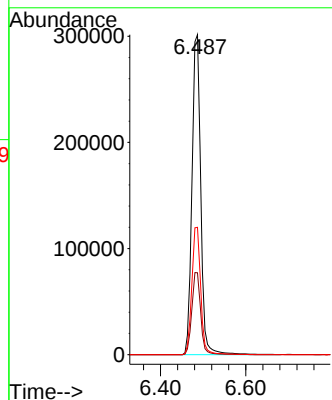
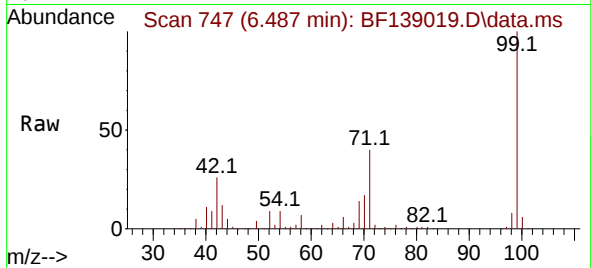




#7
Phenol-d6
Concen: 122.739 ng
RT: 6.487 min Scan# 74
Delta R.T. -0.000 min
Lab File: BF139019.D
Acq: 15 Aug 2024 13:16

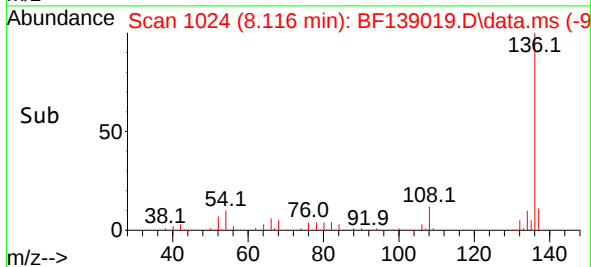
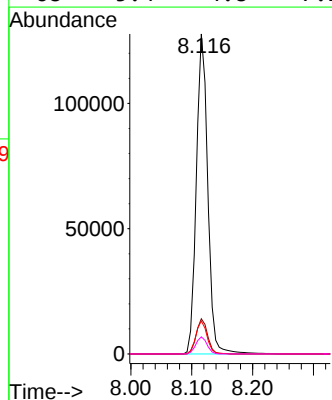
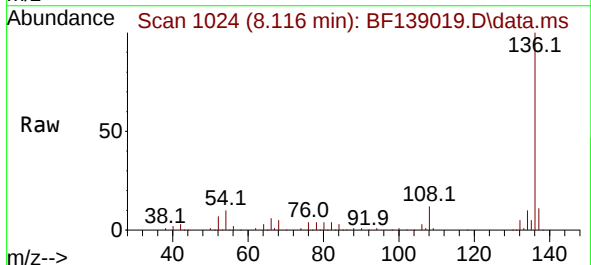
Instrument :
BNA_F
ClientSampleId :
PB162621TB

Tgt Ion: 99 Resp: 431325
Ion Ratio Lower Upper
99 100
42 25.6 17.4 26.0
71 39.8 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: BF139019.D
Acq: 15 Aug 2024 13:16

Tgt Ion: 136 Resp: 166435
Ion Ratio Lower Upper
136 100
137 11.0 8.9 13.3
54 10.3 8.6 12.8
68 5.4 4.8 7.2





#23

Nitrobenzene-d5

Concen: 84.218 ng

RT: 7.404 min Scan# 904

Delta R.T. -0.006 min

Lab File: BF139019.D

Acq: 15 Aug 2024 13:16

Instrument :

BNA_F

ClientSampleId :

PB162621TB

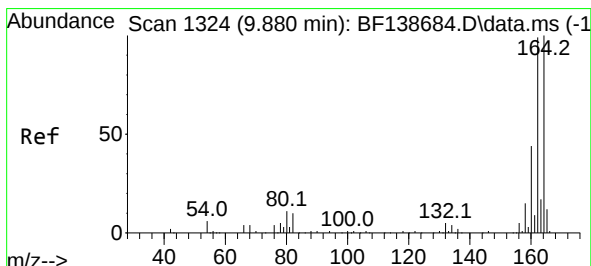
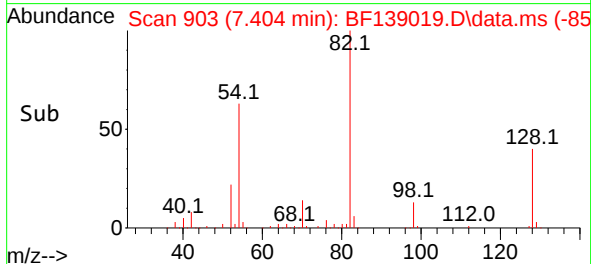
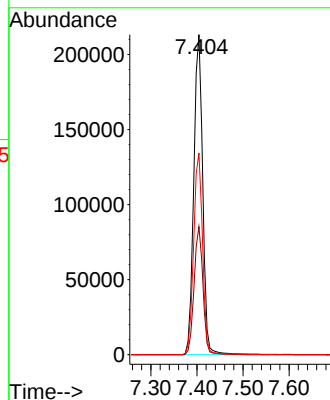
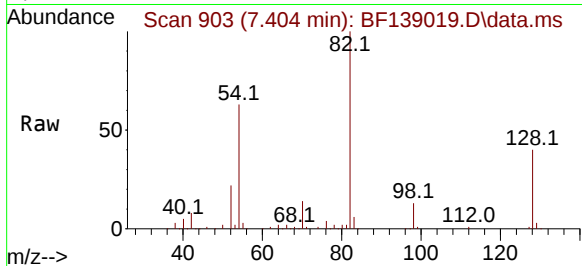
Tgt Ion: 82 Resp: 286693

Ion Ratio Lower Upper

82 100

128 40.0 32.8 49.2

54 63.0 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: BF139019.D

Acq: 15 Aug 2024 13:16

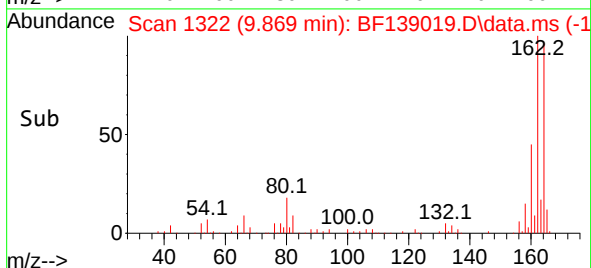
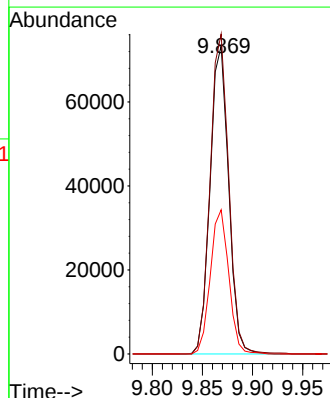
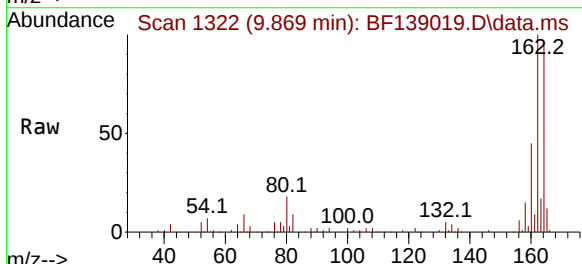
Tgt Ion:164 Resp: 94313

Ion Ratio Lower Upper

164 100

162 103.9 79.4 119.0

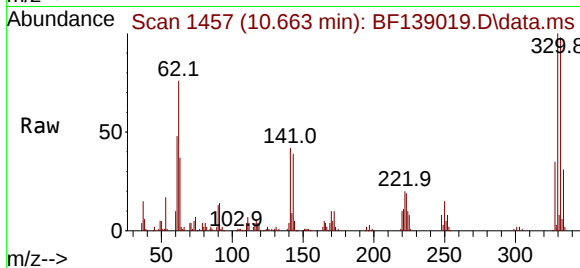
160 46.8 35.1 52.7



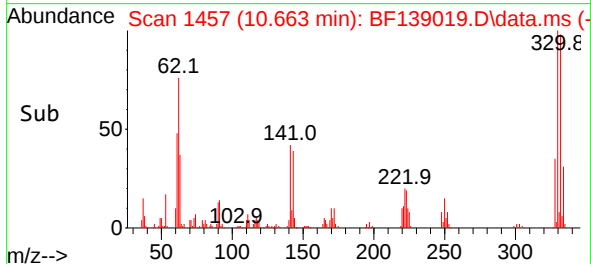
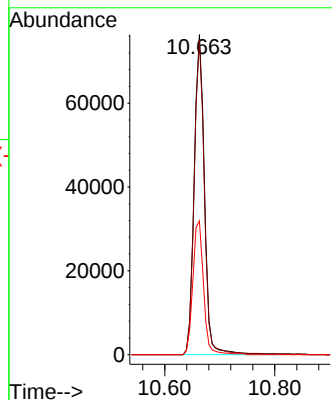


#42
2,4,6-Tribromophenol
Concen: 128.811 ng
RT: 10.663 min Scan# 1458
Delta R.T. -0.006 min
Lab File: BF139019.D
Acq: 15 Aug 2024 13:16

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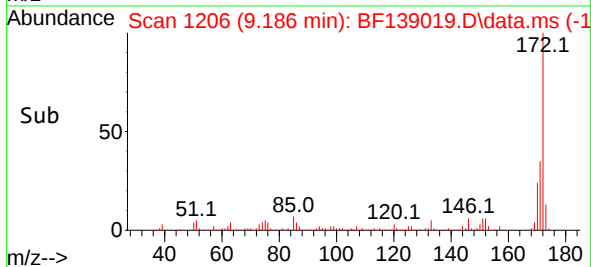
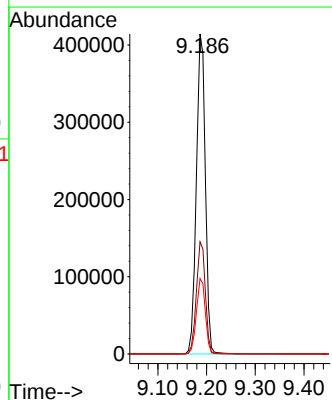
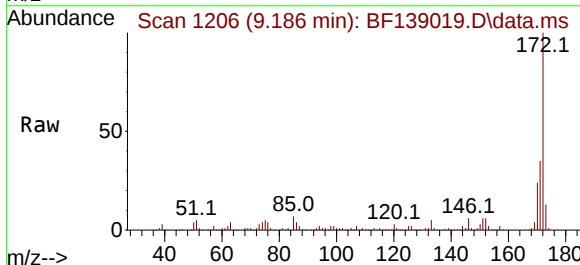


Tgt Ion:330 Resp: 99513
Ion Ratio Lower Upper
330 100
332 97.1 76.4 114.6
141 43.4 31.1 46.7



#45
2-Fluorobiphenyl
Concen: 85.141 ng
RT: 9.186 min Scan# 1206
Delta R.T. -0.018 min
Lab File: BF139019.D
Acq: 15 Aug 2024 13:16

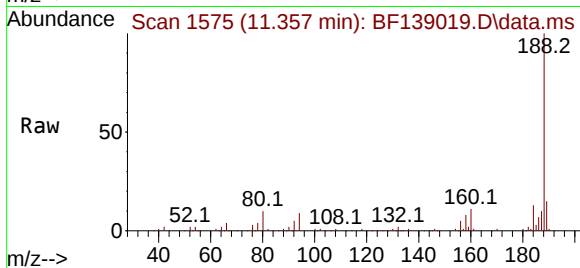
Tgt Ion:172 Resp: 534438
Ion Ratio Lower Upper
172 100
171 35.0 28.3 42.5
170 23.5 18.8 28.2



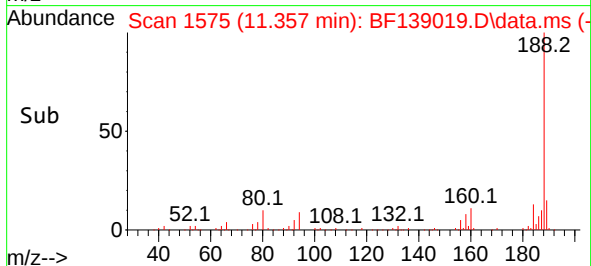
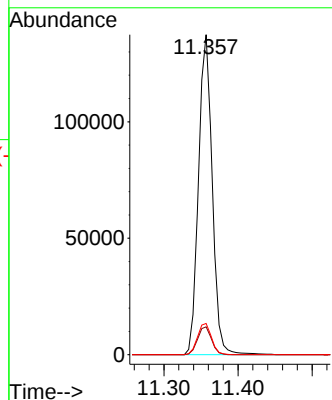


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.357 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF139019.D
Acq: 15 Aug 2024 13:16

Instrument :
BNA_F
ClientSampleId :
PB162621TB

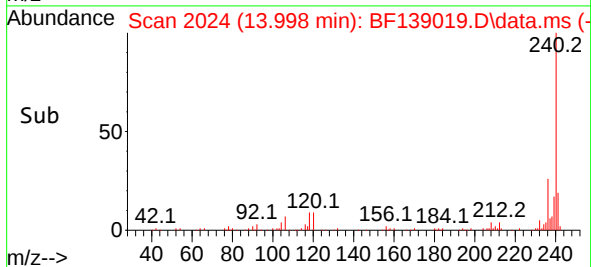
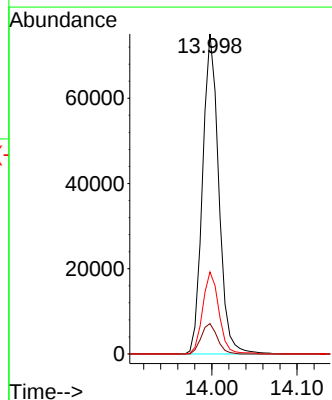
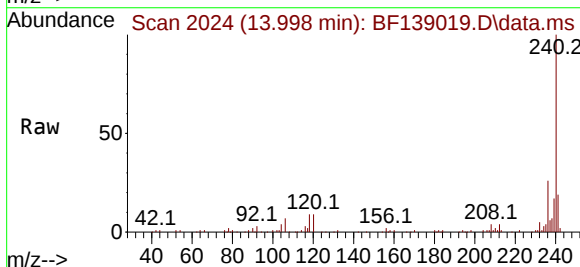


Tgt Ion:188 Resp: 177073
Ion Ratio Lower Upper
188 100
94 8.7 7.6 11.4
80 9.8 8.6 12.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.998 min Scan# 2024
Delta R.T. -0.006 min
Lab File: BF139019.D
Acq: 15 Aug 2024 13:16

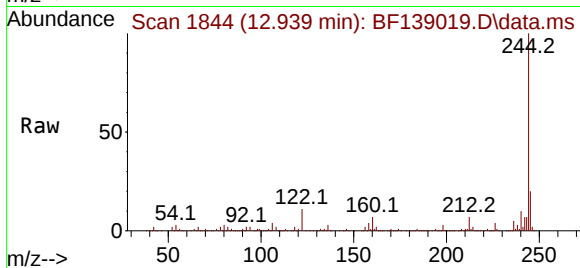
Tgt Ion:240 Resp: 99105
Ion Ratio Lower Upper
240 100
120 9.5 10.2 15.4#
236 25.7 19.8 29.8



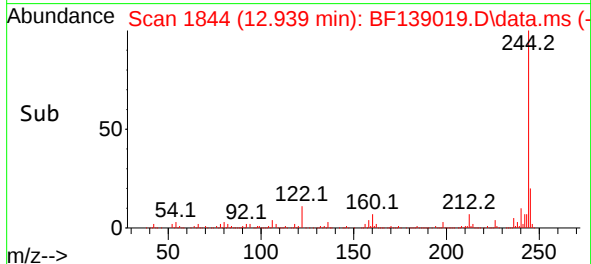
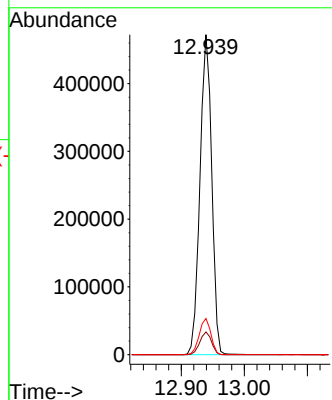


#79
Terphenyl-d14
Concen: 102.909 ng
RT: 12.939 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF139019.D
Acq: 15 Aug 2024 13:16

Instrument :
BNA_F
ClientSampleId :
PB162621TB



Tgt Ion:244 Resp: 609149
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: 15.462 min Scan# 2273
Delta R.T. -0.006 min
Lab File: BF139019.D
Acq: 15 Aug 2024 13:16

Tgt Ion:264 Resp: 77281
Ion Ratio Lower Upper
264 100
260 24.8 19.0 28.6
265 21.5 17.0 25.6

