

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081524\
Data File : BF139017.D
Acq On : 15 Aug 2024 12:15
Operator : RC/JU
Sample : PB162588TB
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB162588TB

Quant Time: Aug 15 12:56:23 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	6.833	152	39486	20.000	ng	-0.01
21) Naphthalene-d8	8.116	136	162935	20.000	ng	-0.01
39) Acenaphthene-d10	9.869	164	94396	20.000	ng	-0.01
64) Phenanthrene-d10	11.357	188	173845	20.000	ng	-0.01
76) Chrysene-d12	13.998	240	95606	20.000	ng	# 0.00
86) Perylene-d12	15.462	264	76760	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	321613	125.730	ng	0.00
7) Phenol-d6	6.486	99	420738	122.510	ng	0.00
23) Nitrobenzene-d5	7.404	82	278634	83.609	ng	0.00
42) 2,4,6-Tribromophenol	10.663	330	96649	124.994	ng	0.00
45) 2-Fluorobiphenyl	9.186	172	519289	82.655	ng	-0.02
79) Terphenyl-d14	12.939	244	595472	104.280	ng	0.00

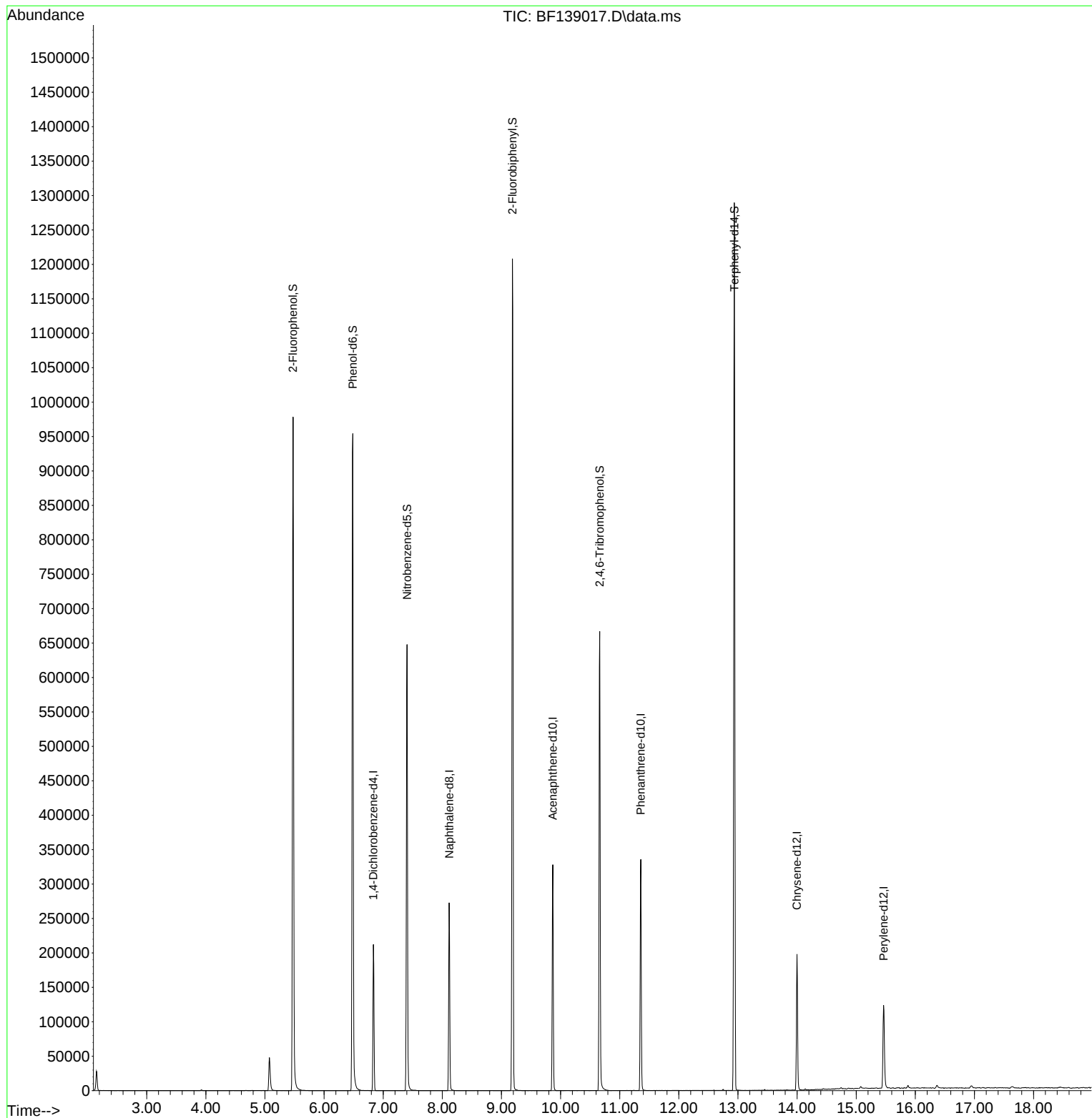
Target Compounds	Qvalue

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

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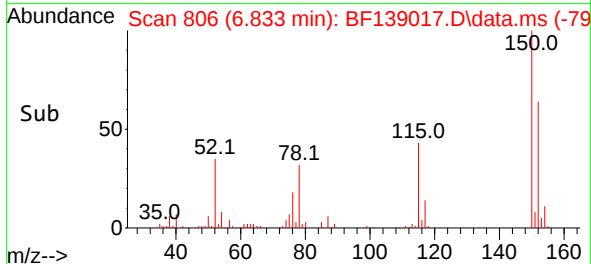
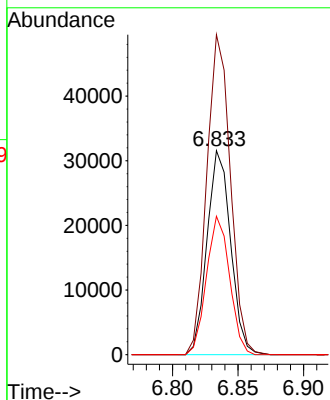
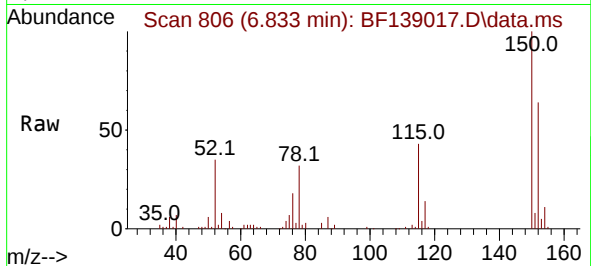




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.833 min Scan# 80
Delta R.T. -0.011 min
Lab File: BF139017.D
Acq: 15 Aug 2024 12:15

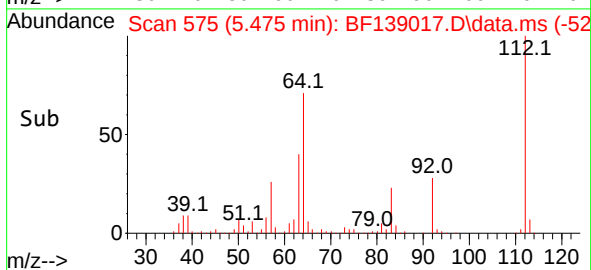
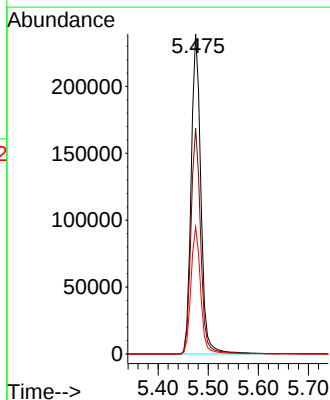
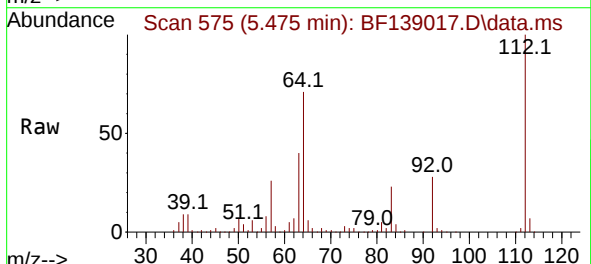
Instrument :
BNA_F
ClientSampleId :
PB162588TB

Tgt Ion:152 Resp: 39486
Ion Ratio Lower Upper
152 100
150 156.9 126.0 189.0
115 67.8 51.7 77.5



#5
2-Fluorophenol
Concen: 125.730 ng
RT: 5.475 min Scan# 575
Delta R.T. 0.006 min
Lab File: BF139017.D
Acq: 15 Aug 2024 12:15

Tgt Ion:112 Resp: 321613
Ion Ratio Lower Upper
112 100
64 70.5 54.2 81.4
63 39.7 28.7 43.1

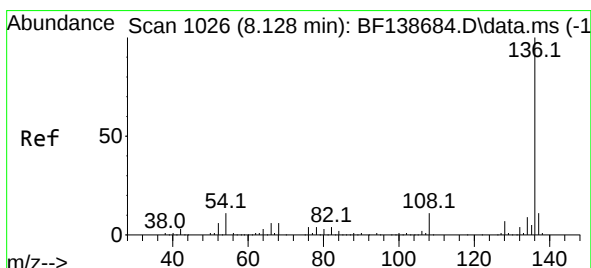
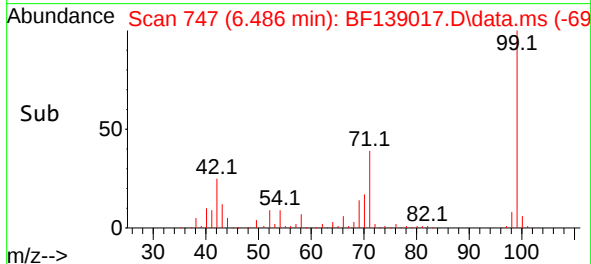
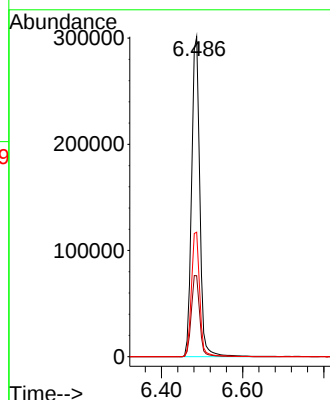
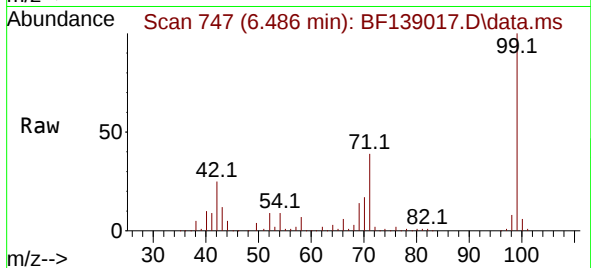




#7
Phenol-d6
Concen: 122.510 ng
RT: 6.486 min Scan# 74
Delta R.T. -0.000 min
Lab File: BF139017.D
Acq: 15 Aug 2024 12:15

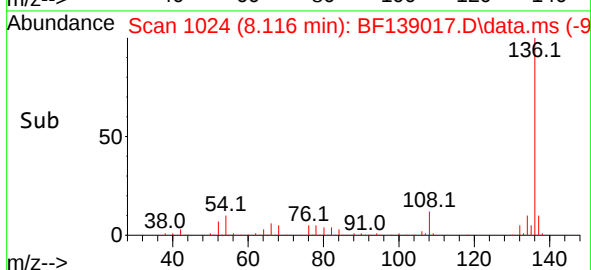
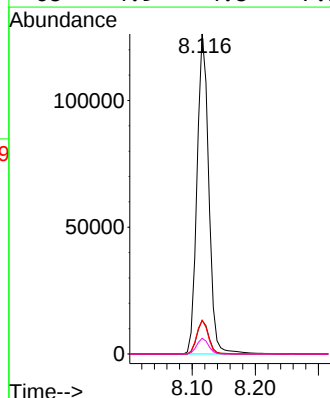
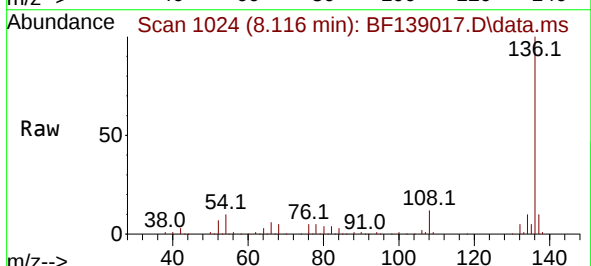
Instrument :
BNA_F
ClientSampleId :
PB162588TB

Tgt Ion: 99 Resp: 420738
Ion Ratio Lower Upper
99 100
42 25.3 17.4 26.0
71 38.9 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: BF139017.D
Acq: 15 Aug 2024 12:15

Tgt Ion: 136 Resp: 162935
Ion Ratio Lower Upper
136 100
137 10.5 8.9 13.3
54 10.5 8.6 12.8
68 4.9 4.8 7.2





#23

Nitrobenzene-d5

Concen: 83.609 ng

RT: 7.404 min Scan# 904

Delta R.T. -0.006 min

Lab File: BF139017.D

Acq: 15 Aug 2024 12:15

Instrument :

BNA_F

ClientSampleId :

PB162588TB

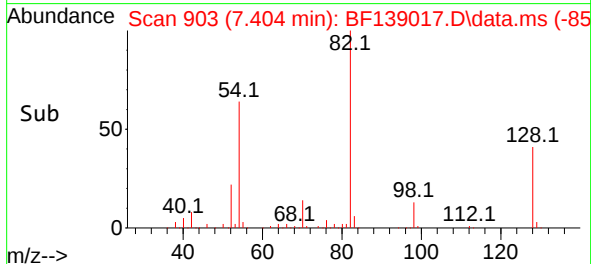
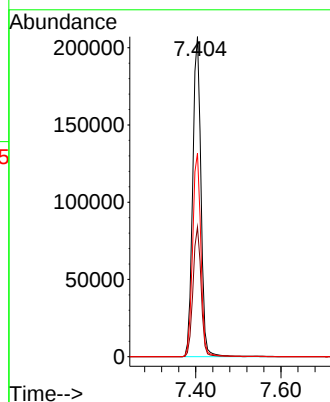
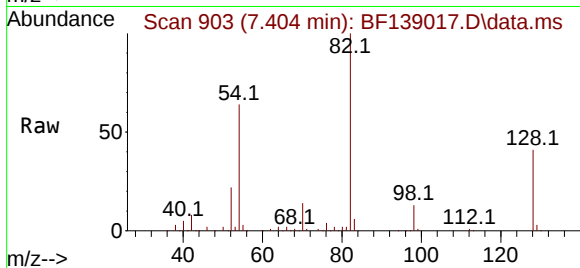
Tgt Ion: 82 Resp: 278634

Ion Ratio Lower Upper

82 100

128 40.5 32.8 49.2

54 63.6 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: BF139017.D

Acq: 15 Aug 2024 12:15

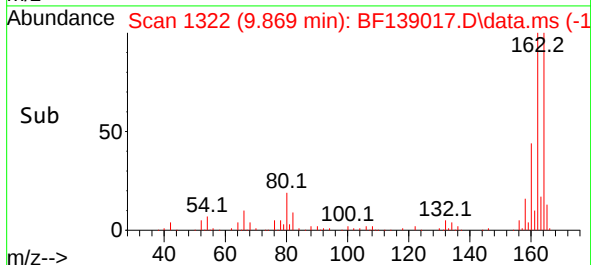
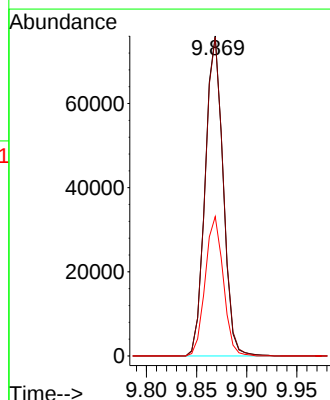
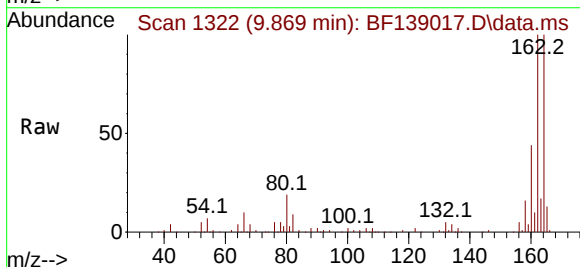
Tgt Ion:164 Resp: 94396

Ion Ratio Lower Upper

164 100

162 99.6 79.4 119.0

160 43.6 35.1 52.7





#42

2,4,6-Tribromophenol

Concen: 124.994 ng

RT: 10.663 min Scan# 1458

Delta R.T. -0.006 min

Lab File: BF139017.D

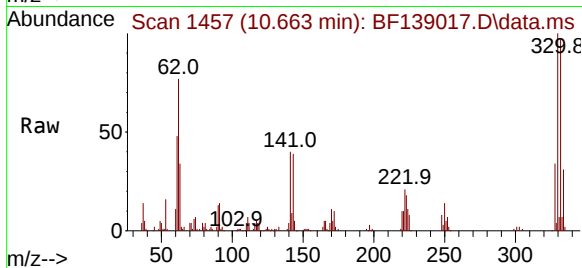
Acq: 15 Aug 2024 12:15

Instrument :

BNA_F

ClientSampleId :

PB162588TB



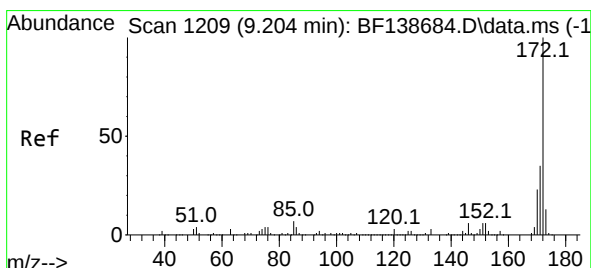
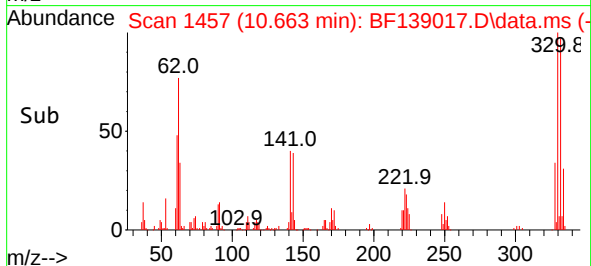
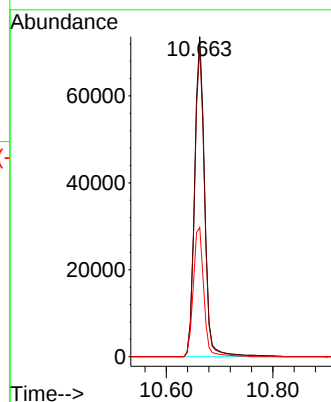
Tgt Ion:330 Resp: 96649

Ion Ratio Lower Upper

330 100

332 95.6 76.4 114.6

141 42.2 31.1 46.7



#45

2-Fluorobiphenyl

Concen: 82.655 ng

RT: 9.186 min Scan# 1206

Delta R.T. -0.018 min

Lab File: BF139017.D

Acq: 15 Aug 2024 12:15

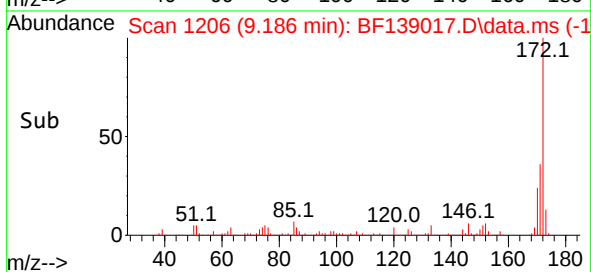
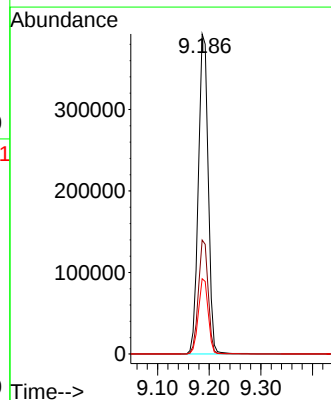
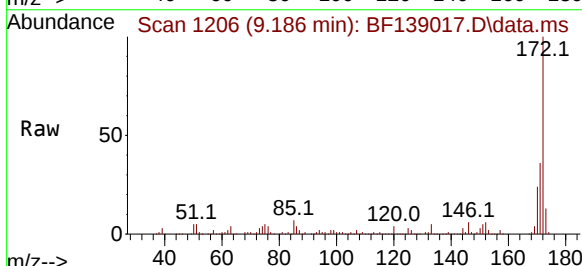
Tgt Ion:172 Resp: 519289

Ion Ratio Lower Upper

172 100

171 35.6 28.3 42.5

170 23.5 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: BF139017.D

Acq: 15 Aug 2024 12:15

Instrument :

BNA_F

ClientSampleId :

PB162588TB

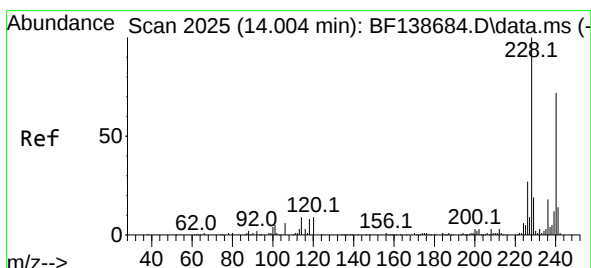
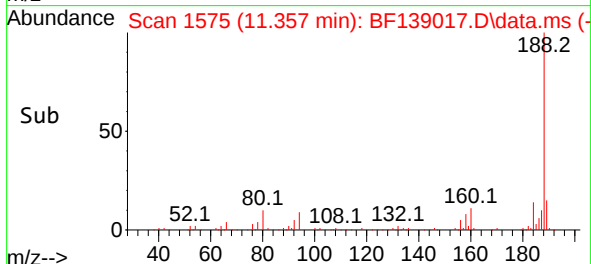
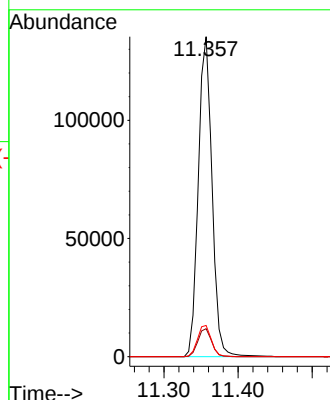
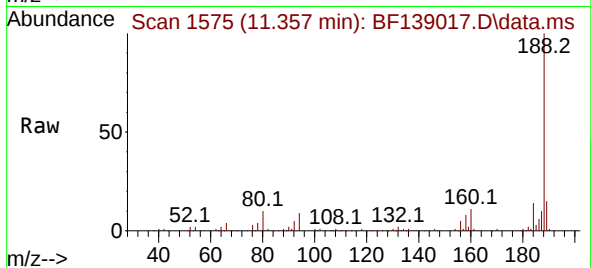
Tgt Ion:188 Resp: 173845

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: BF139017.D

Acq: 15 Aug 2024 12:15

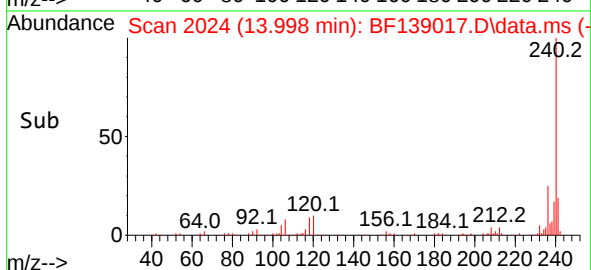
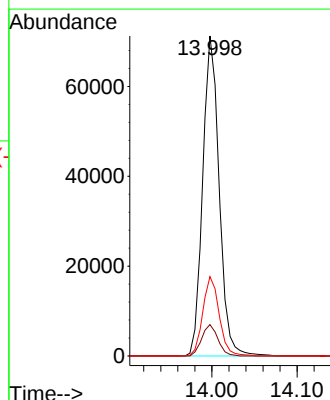
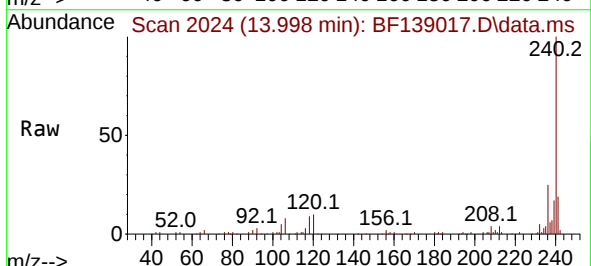
Tgt Ion:240 Resp: 95606

Ion Ratio Lower Upper

240 100

120 9.8 10.2 15.4#

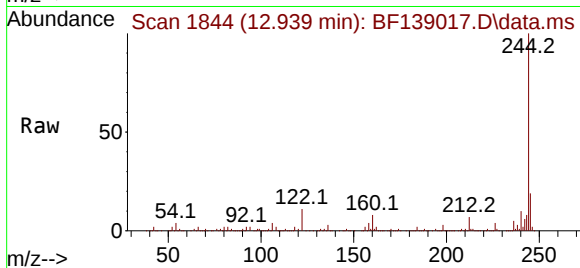
236 24.8 19.8 29.8



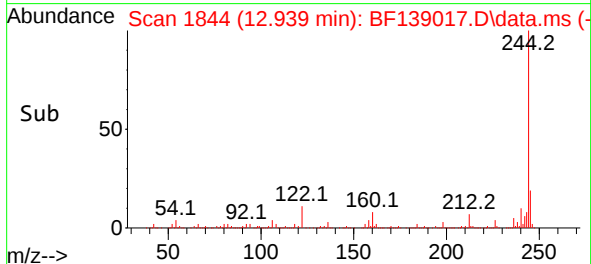
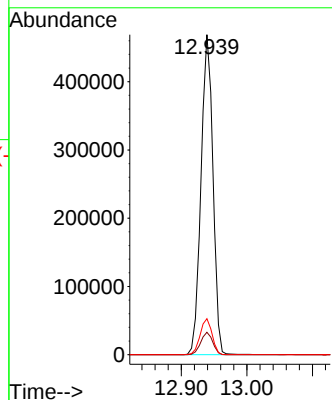


#79
Terphenyl-d14
Concen: 104.280 ng
RT: 12.939 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF139017.D
Acq: 15 Aug 2024 12:15

Instrument :
BNA_F
ClientSampleId :
PB162588TB



Tgt Ion:244 Resp: 595472
Ion Ratio Lower Upper
244 100
212 7.0 5.4 8.2
122 11.2 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: BF139017.D
Acq: 15 Aug 2024 12:15

Tgt Ion:264 Resp: 76760
Ion Ratio Lower Upper
264 100
260 22.7 19.0 28.6
265 21.7 17.0 25.6

