

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062724\
 Data File : BF138382.D
 Acq On : 27 Jun 2024 23:07
 Operator : CG\JU
 Sample : P3064-01 5X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HD-02-062524

Quant Time: Jun 28 01:15:42 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061224.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 13 01:52:47 2024
 Response via : Initial Calibration

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

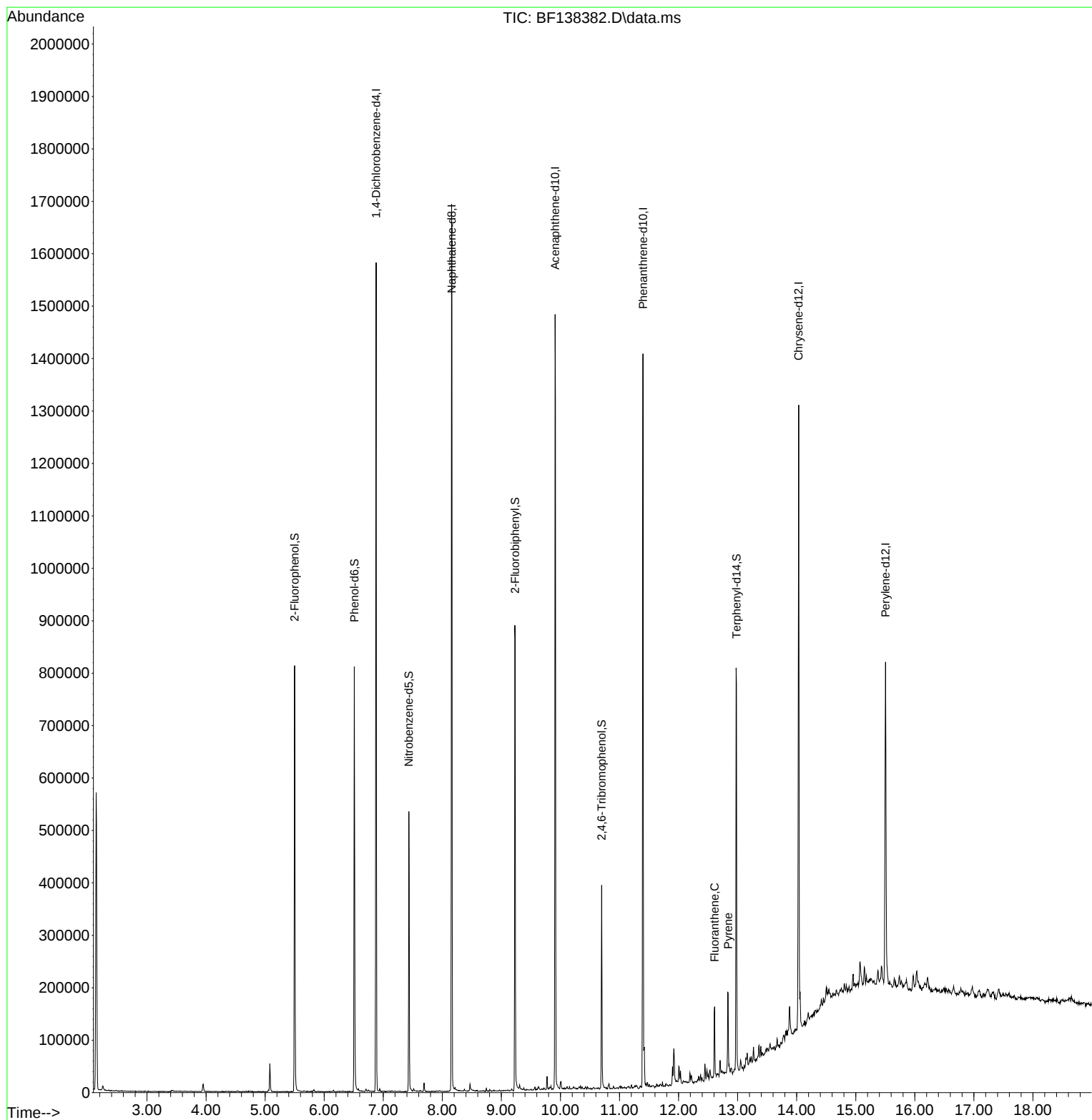
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	222663	20.000	ng	-0.01
21) Naphthalene-d8	8.157	136	776827	20.000	ng	-0.02
39) Acenaphthene-d10	9.910	164	312625	20.000	ng	-0.02
64) Phenanthrene-d10	11.398	188	477521	20.000	ng	-0.02
76) Chrysene-d12	14.033	240	360320	20.000	ng	-0.02
86) Perylene-d12	15.504	264	289103	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	221867	16.668	ng	-0.01
7) Phenol-d6	6.510	99	261589	15.499	ng	-0.01
23) Nitrobenzene-d5	7.434	82	150111	11.250	ng	-0.02
42) 2,4,6-Tribromophenol	10.698	330	44493	14.296	ng	-0.02
45) 2-Fluorobiphenyl	9.233	172	291636	14.834	ng	-0.02
79) Terphenyl-d14	12.980	244	281863	12.390	ng	-0.02
Target Compounds						
						Qvalue
75) Fluoranthene	12.610	202	52807	2.193	ng	98
78) Pyrene	12.839	202	67180	2.162	ng	97

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

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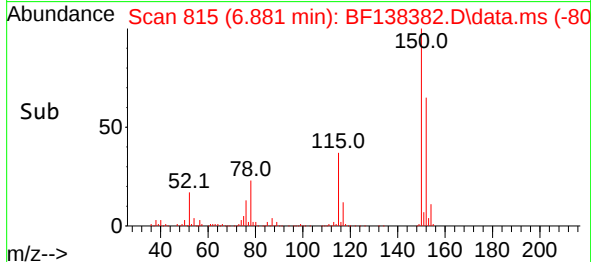
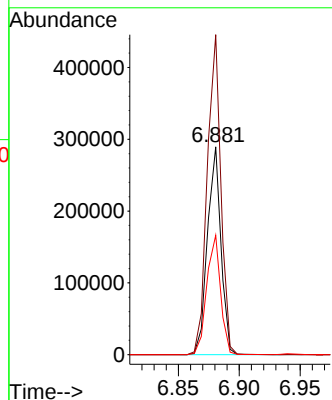
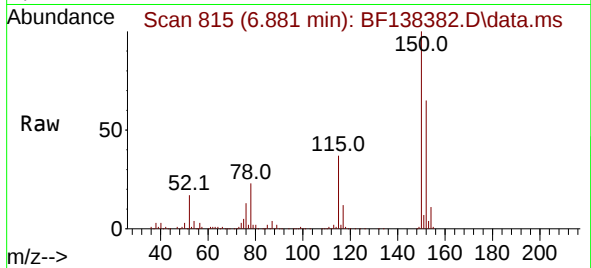




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.881 min Scan# 817
 Delta R.T. -0.012 min
 Lab File: BF138382.D
 Acq: 27 Jun 2024 23:07

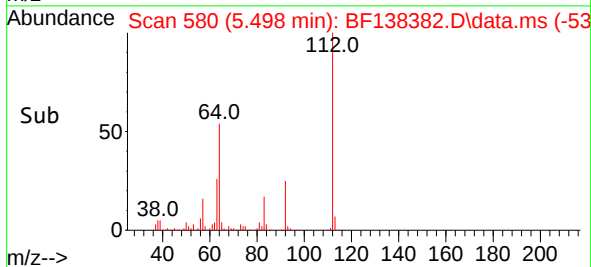
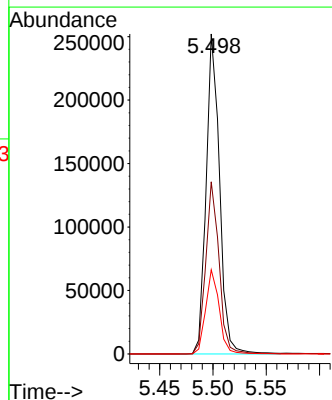
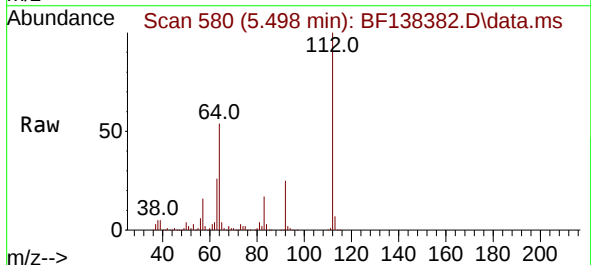
Instrument :
 BNA_F
 ClientSampleId :
 HD-02-062524

Tgt Ion:152 Resp: 222663
 Ion Ratio Lower Upper
 152 100
 150 153.9 125.0 187.4
 115 57.4 48.4 72.6



#5
 2-Fluorophenol
 Concen: 16.668 ng
 RT: 5.498 min Scan# 580
 Delta R.T. -0.012 min
 Lab File: BF138382.D
 Acq: 27 Jun 2024 23:07

Tgt Ion:112 Resp: 221867
 Ion Ratio Lower Upper
 112 100
 64 53.8 45.2 67.8
 63 26.3 22.9 34.3

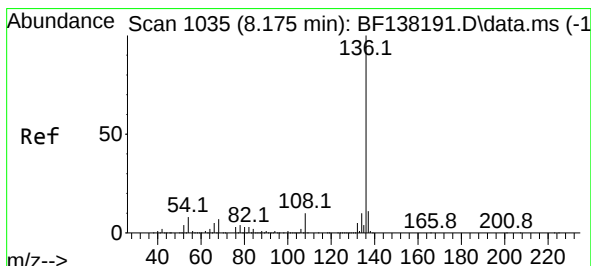
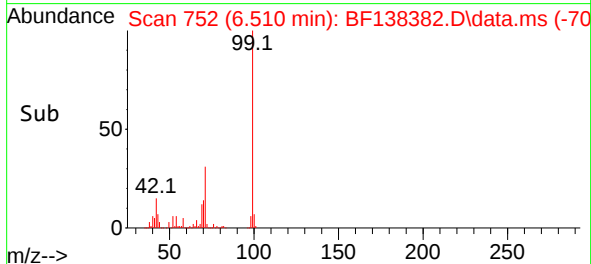
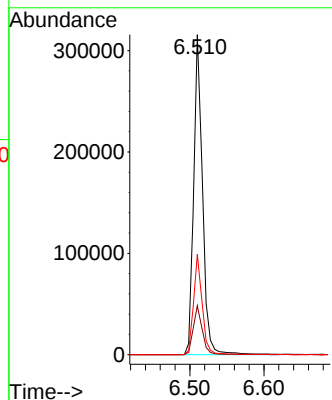
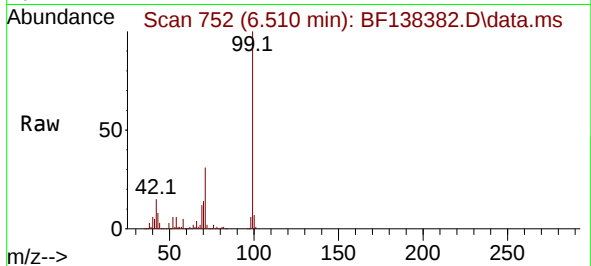




#7
Phenol-d6
Concen: 15.499 ng
RT: 6.510 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF138382.D
Acq: 27 Jun 2024 23:07

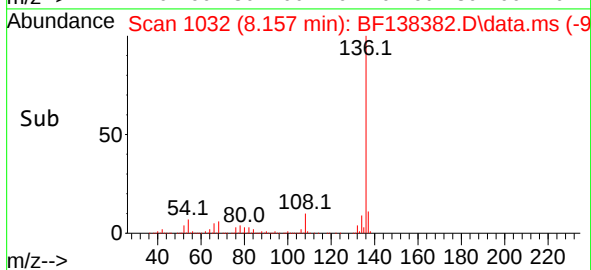
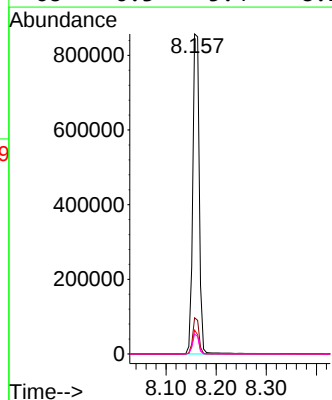
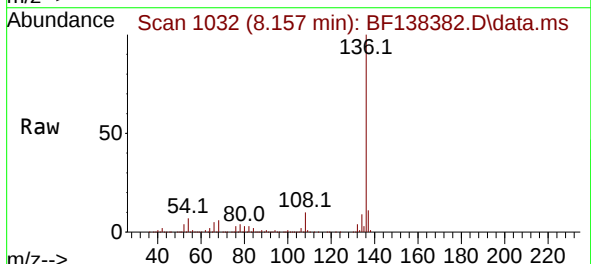
Instrument :
BNA_F
ClientSampleId :
HD-02-062524

Tgt Ion: 99 Resp: 261589
Ion Ratio Lower Upper
99 100
42 15.3 13.7 20.5
71 31.4 25.0 37.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1032
Delta R.T. -0.018 min
Lab File: BF138382.D
Acq: 27 Jun 2024 23:07

Tgt Ion: 136 Resp: 776827
Ion Ratio Lower Upper
136 100
137 11.3 9.1 13.7
54 7.5 6.6 10.0
68 6.3 5.4 8.2





#23

Nitrobenzene-d5

Concen: 11.250 ng

RT: 7.434 min Scan# 909

Delta R.T. -0.024 min

Lab File: BF138382.D

Acq: 27 Jun 2024 23:07

Instrument :

BNA_F

ClientSampleId :

HD-02-062524

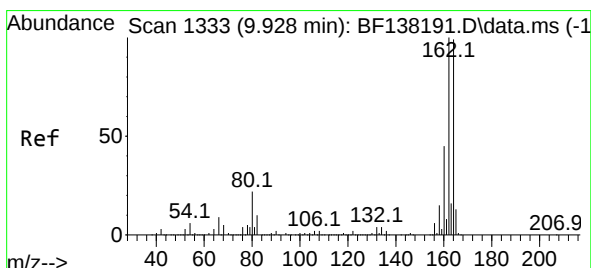
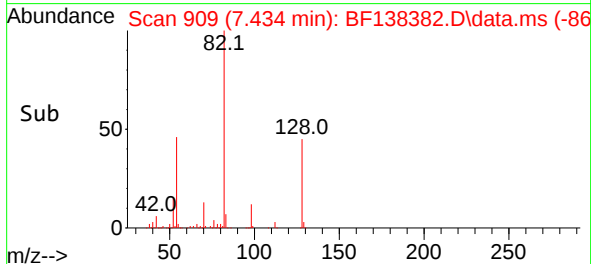
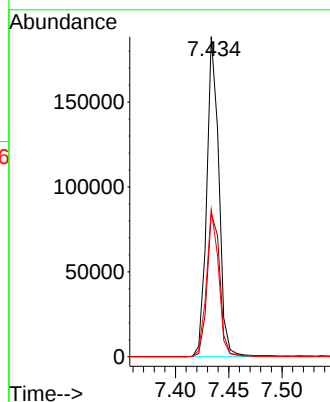
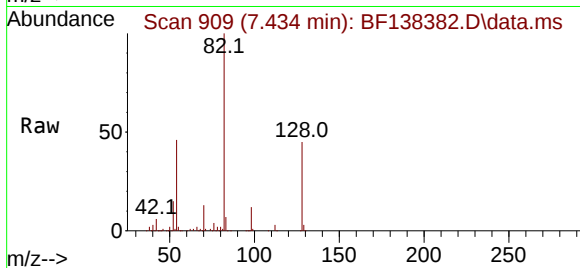
Tgt Ion: 82 Resp: 150111

Ion Ratio Lower Upper

82 100

128 44.9 37.2 55.8

54 46.0 39.8 59.6



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.910 min Scan# 1330

Delta R.T. -0.018 min

Lab File: BF138382.D

Acq: 27 Jun 2024 23:07

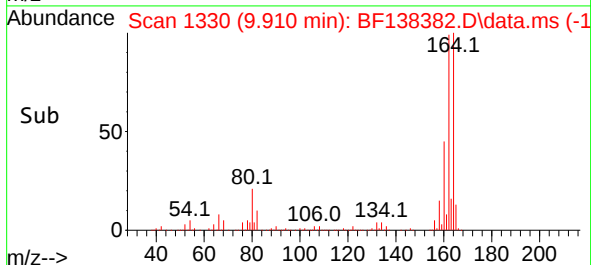
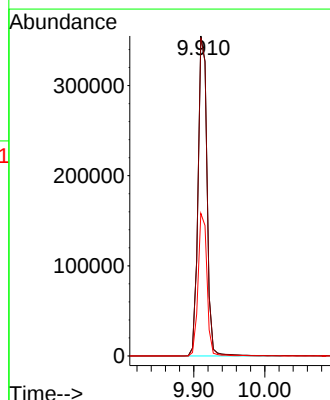
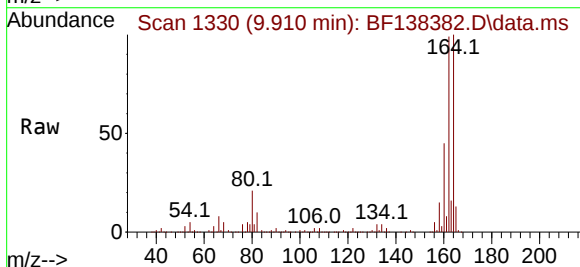
Tgt Ion: 164 Resp: 312625

Ion Ratio Lower Upper

164 100

162 99.5 80.6 121.0

160 44.5 36.3 54.5

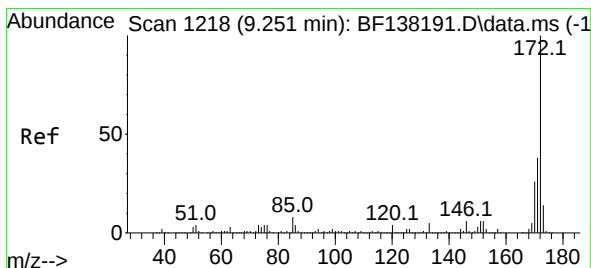
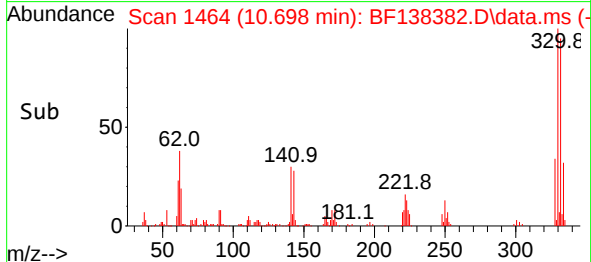
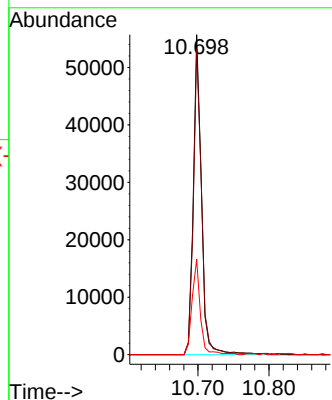
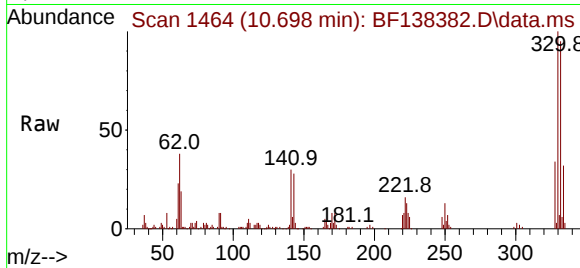




#42
 2,4,6-Tribromophenol
 Concen: 14.296 ng
 RT: 10.698 min Scan# 1464
 Delta R.T. -0.018 min
 Lab File: BF138382.D
 Acq: 27 Jun 2024 23:07

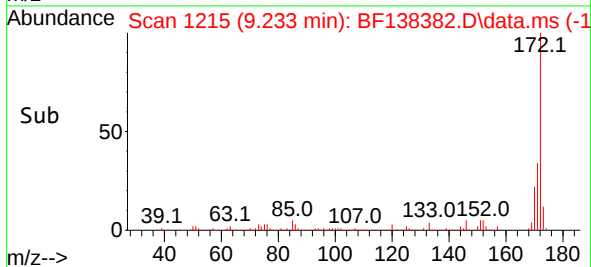
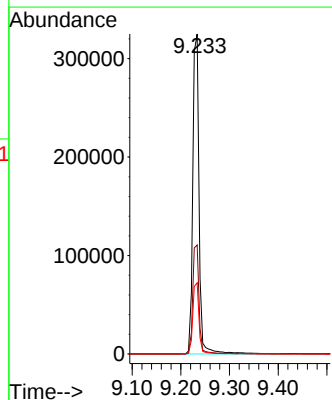
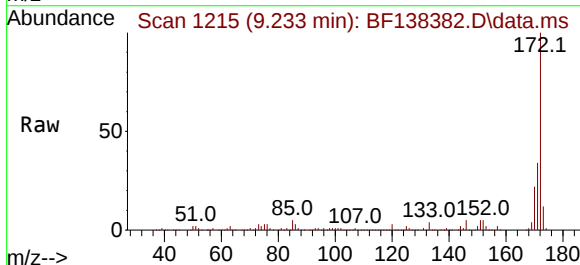
Instrument :
 BNA_F
 ClientSampleId :
 HD-02-062524

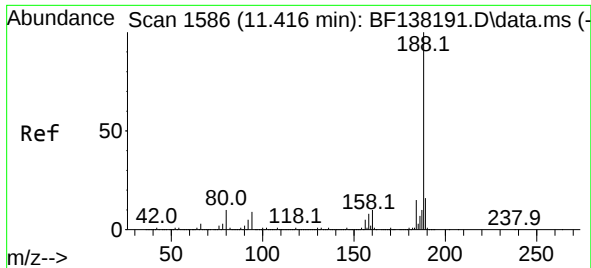
Tgt Ion:330 Resp: 44493
 Ion Ratio Lower Upper
 330 100
 332 96.9 76.6 115.0
 141 30.3 23.9 35.9



#45
 2-Fluorobiphenyl
 Concen: 14.834 ng
 RT: 9.233 min Scan# 1215
 Delta R.T. -0.018 min
 Lab File: BF138382.D
 Acq: 27 Jun 2024 23:07

Tgt Ion:172 Resp: 291636
 Ion Ratio Lower Upper
 172 100
 171 34.0 30.3 45.5
 170 22.3 20.6 30.8

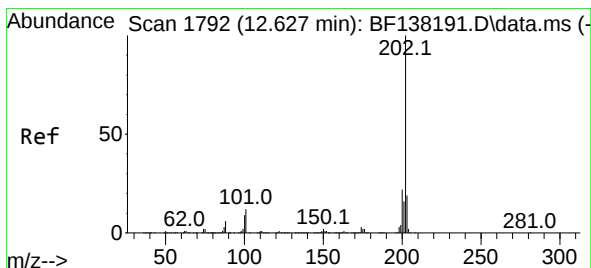
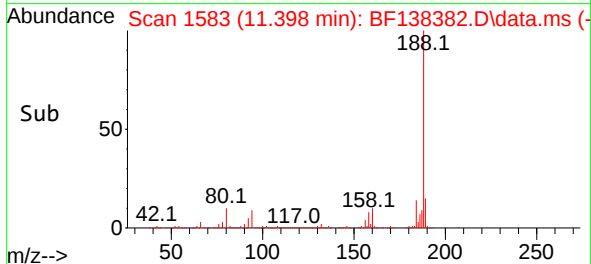
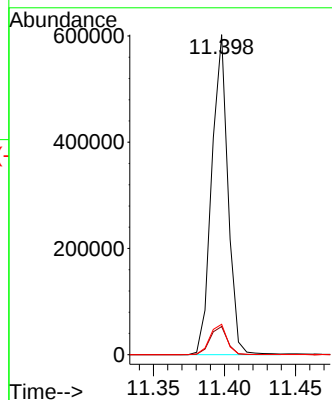
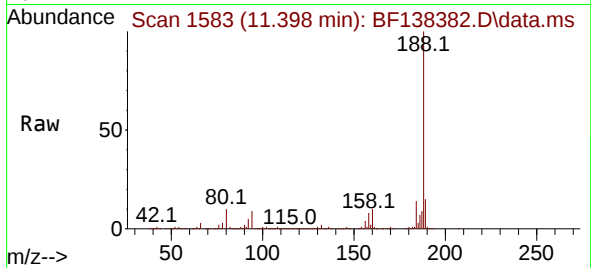




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 11
Delta R.T. -0.018 min
Lab File: BF138382.D
Acq: 27 Jun 2024 23:07

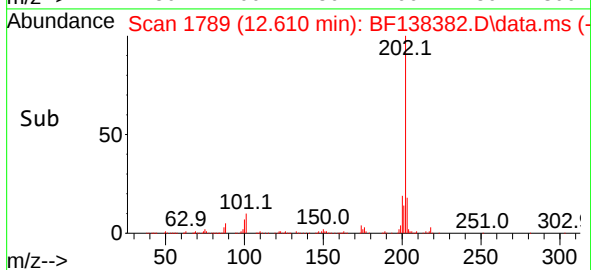
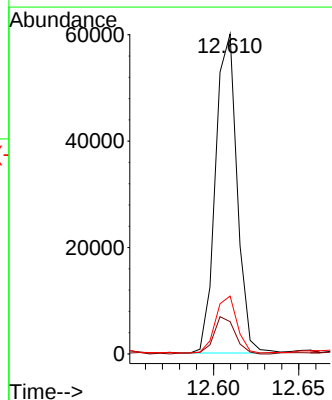
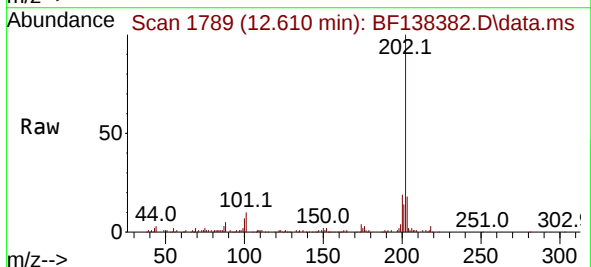
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BNA_F
ClientSampleId :
HD-02-062524

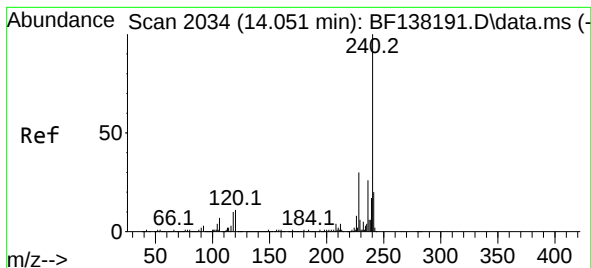
Tgt Ion:188 Resp: 477521
Ion Ratio Lower Upper
188 100
94 8.8 7.6 11.4
80 9.5 8.1 12.1



#75
Fluoranthene
Concen: 2.193 ng
RT: 12.610 min Scan# 1789
Delta R.T. -0.018 min
Lab File: BF138382.D
Acq: 27 Jun 2024 23:07

Tgt Ion:202 Resp: 52807
Ion Ratio Lower Upper
202 100
101 10.1 0.0 31.8
203 18.1 0.0 38.6





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.033 min Scan# 2034

Delta R.T. -0.018 min

Lab File: BF138382.D

Acq: 27 Jun 2024 23:07

Instrument :

BNA_F

ClientSampleId :

HD-02-062524

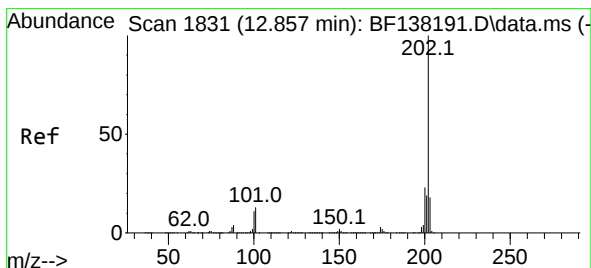
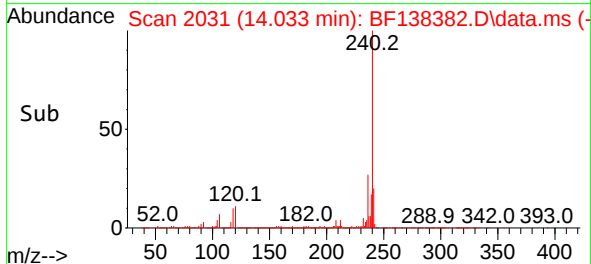
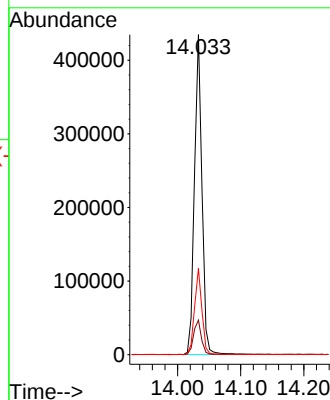
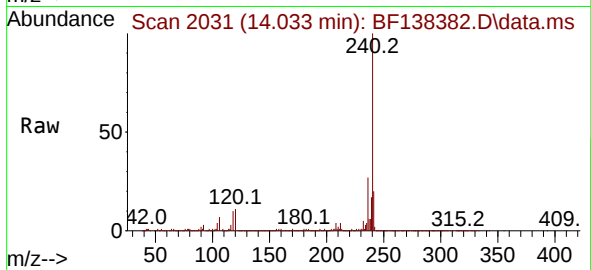
Tgt Ion:240 Resp: 360320

Ion Ratio Lower Upper

240 100

120 10.8 9.2 13.8

236 27.0 21.0 31.6



#78

Pyrene

Concen: 2.162 ng

RT: 12.839 min Scan# 1828

Delta R.T. -0.018 min

Lab File: BF138382.D

Acq: 27 Jun 2024 23:07

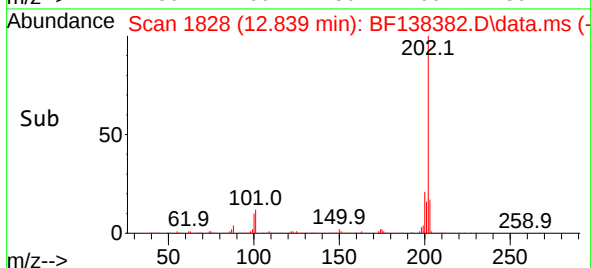
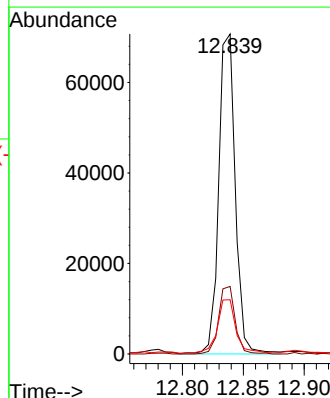
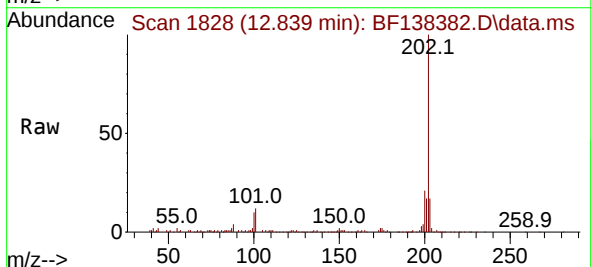
Tgt Ion:202 Resp: 67180

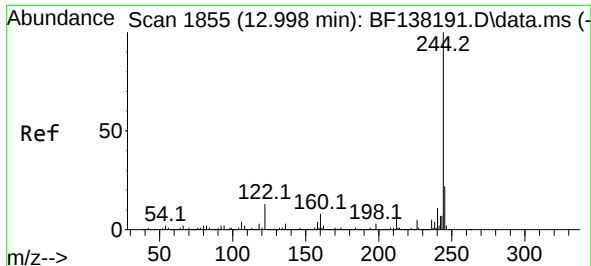
Ion Ratio Lower Upper

202 100

200 21.1 18.0 27.0

203 17.0 14.7 22.1

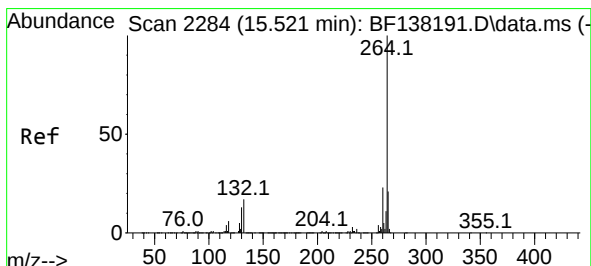
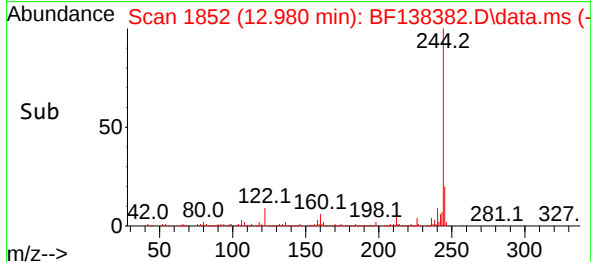
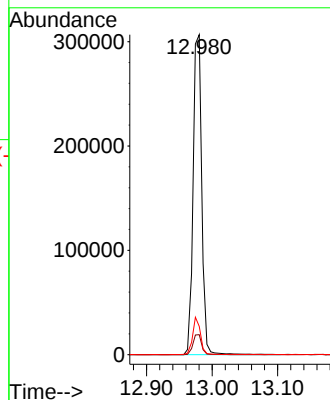
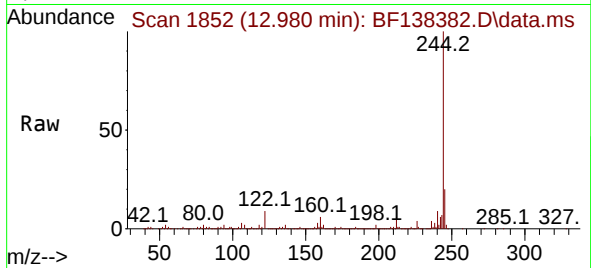




#79
 Terphenyl-d14
 Concen: 12.390 ng
 RT: 12.980 min Scan# 11
 Delta R.T. -0.018 min
 Lab File: BF138382.D
 Acq: 27 Jun 2024 23:07

Instrument :
 BNA_F
 ClientSampleId :
 HD-02-062524

Tgt Ion:244 Resp: 281863
 Ion Ratio Lower Upper
 244 100
 212 6.2 5.9 8.9
 122 8.8 10.6 15.8#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.504 min Scan# 2281
 Delta R.T. -0.018 min
 Lab File: BF138382.D
 Acq: 27 Jun 2024 23:07

Tgt Ion:264 Resp: 289103
 Ion Ratio Lower Upper
 264 100
 260 23.1 18.7 28.1
 265 21.4 17.0 25.6

