

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062624\
 Data File : BF138359.D
 Acq On : 26 Jun 2024 19:00
 Operator : CG\JU
 Sample : P3049-02
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SHOR-RAG-DRUM

Quant Time: Jun 27 01:13:15 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	200198	20.000	ng	-0.01
21) Naphthalene-d8	8.163	136	310423	20.000	ng	#-0.01
39) Acenaphthene-d10	9.963	164	339533	20.000	ng	0.04
64) Phenanthrene-d10	11.404	188	495906	20.000	ng	-0.01
76) Chrysene-d12	14.039	240	406436	20.000	ng	-0.01
86) Perylene-d12	15.510	264	448317	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	1469464	122.786	ng	0.01
7) Phenol-d6	6.516	99	1292365	85.162	ng	0.00
23) Nitrobenzene-d5	7.445	82	958025	179.667	ng	-0.01
42) 2,4,6-Tribromophenol	10.727	330	392464	116.109	ng	0.01
45) 2-Fluorobiphenyl	9.257	172	1883893	88.229	ng	0.00
79) Terphenyl-d14	12.980	244	1372731	53.494	ng	-0.02

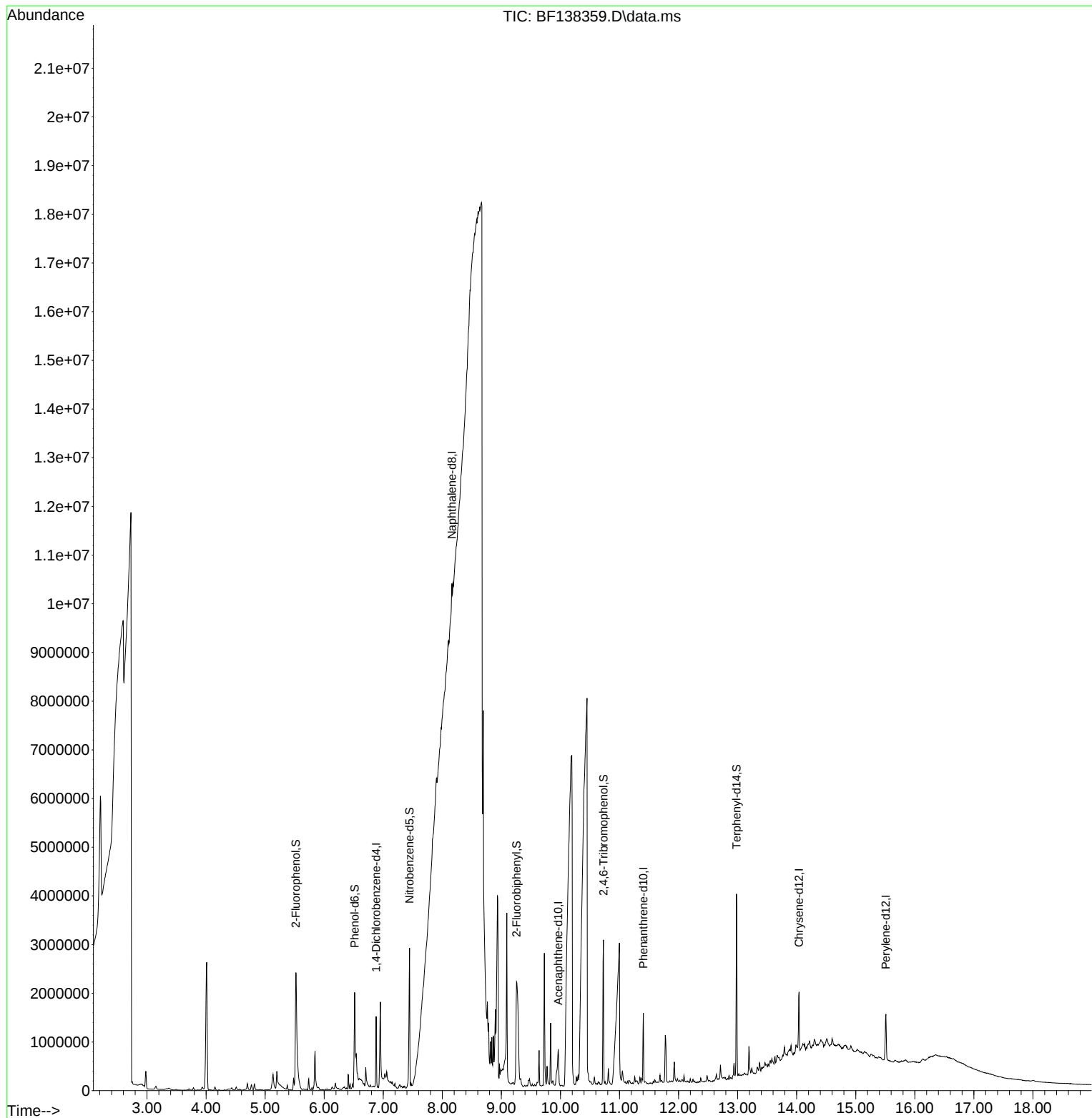
Target Compounds	Qvalue

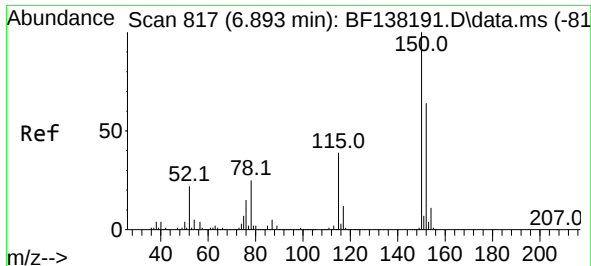
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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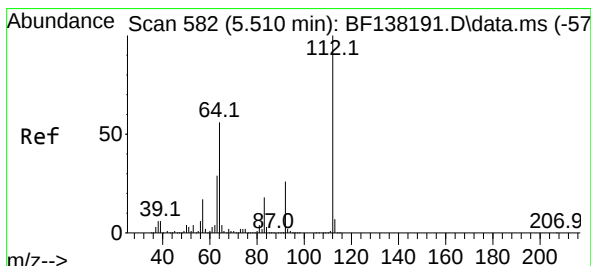
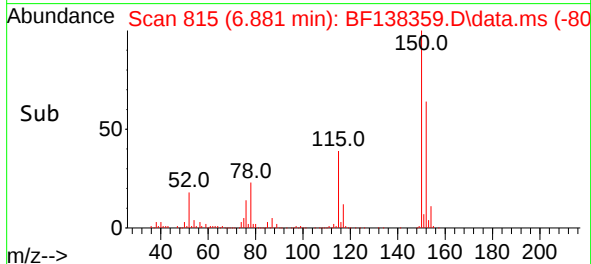
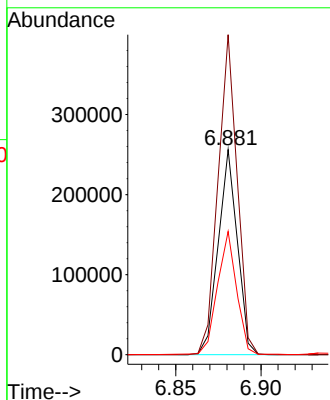
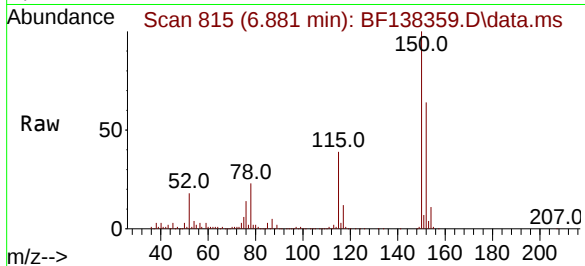




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 815
Delta R.T. -0.012 min
Lab File: BF138359.D
Acq: 26 Jun 2024 19:00

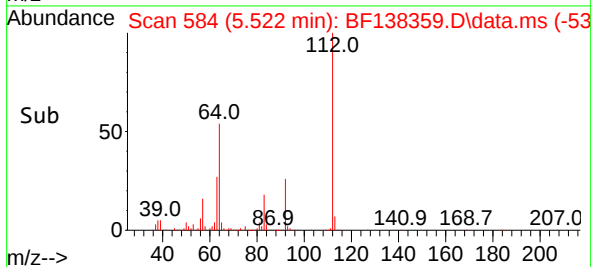
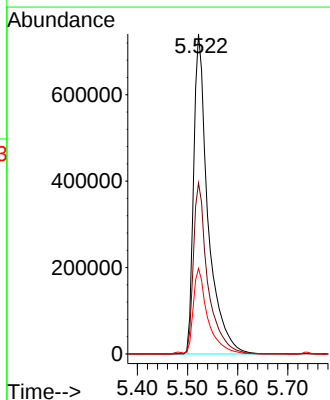
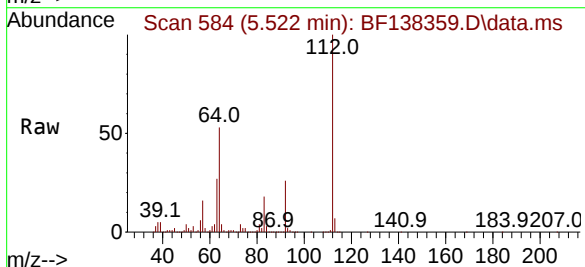
Instrument :
BNA_F
ClientSampleId :
SHOR-RAG-DRUM

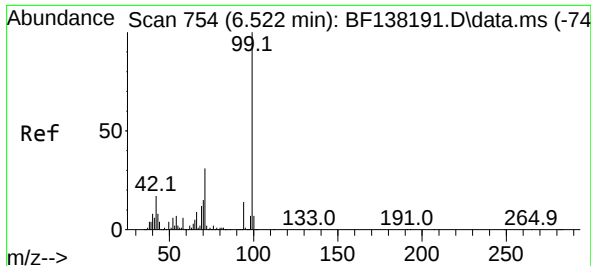
Tgt Ion:152 Resp: 200198
Ion Ratio Lower Upper
152 100
150 156.0 125.0 187.4
115 60.1 48.4 72.6



#5
2-Fluorophenol
Concen: 122.786 ng
RT: 5.522 min Scan# 584
Delta R.T. 0.012 min
Lab File: BF138359.D
Acq: 26 Jun 2024 19:00

Tgt Ion:112 Resp: 1469464
Ion Ratio Lower Upper
112 100
64 53.4 45.2 67.8
63 26.7 22.9 34.3

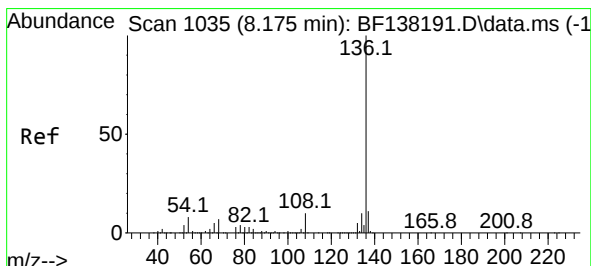
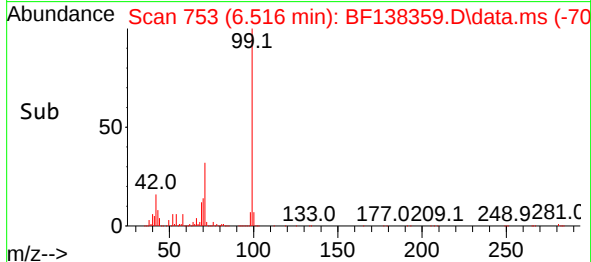
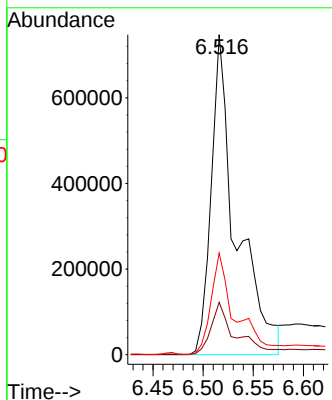
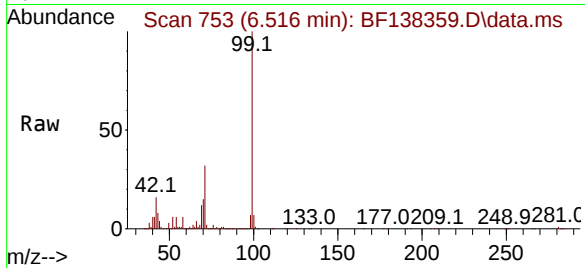




#7
Phenol-d6
Concen: 85.162 ng
RT: 6.516 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF138359.D
Acq: 26 Jun 2024 19:00

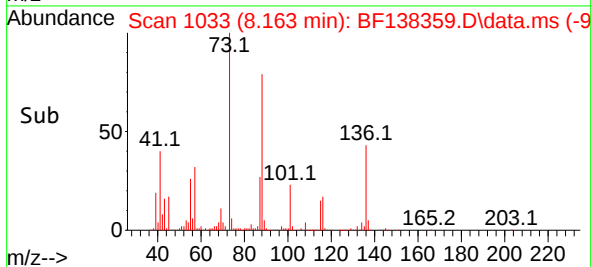
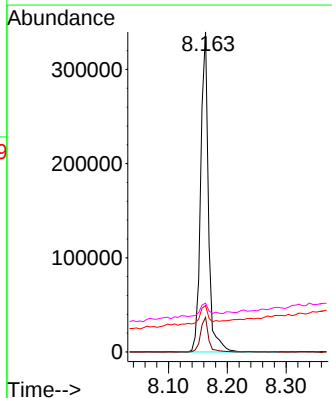
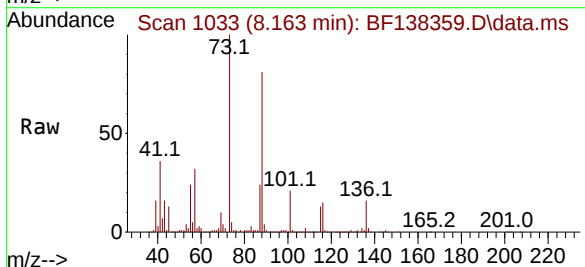
Instrument :
BNA_F
ClientSampleId :
SHOR-RAG-DRUM

Tgt Ion: 99 Resp: 1292365
Ion Ratio Lower Upper
99 100
42 16.4 13.7 20.5
71 31.7 25.0 37.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1033
Delta R.T. -0.012 min
Lab File: BF138359.D
Acq: 26 Jun 2024 19:00

Tgt Ion: 136 Resp: 310423
Ion Ratio Lower Upper
136 100
137 10.8 9.1 13.7
54 14.5 6.6 10.0#
68 15.2 5.4 8.2#





#23

Nitrobenzene-d5

Concen: 179.667 ng

RT: 7.445 min Scan# 911

Delta R.T. -0.012 min

Lab File: BF138359.D

Acq: 26 Jun 2024 19:00

Instrument :

BNA_F

ClientSampleId :

SHOR-RAG-DRUM

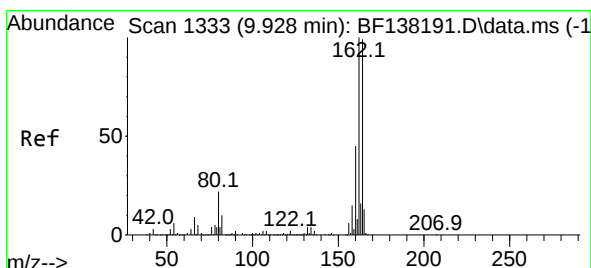
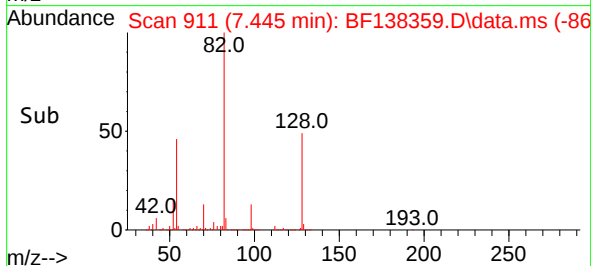
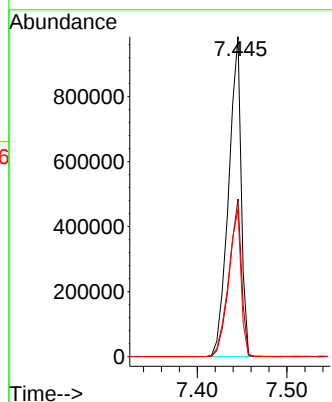
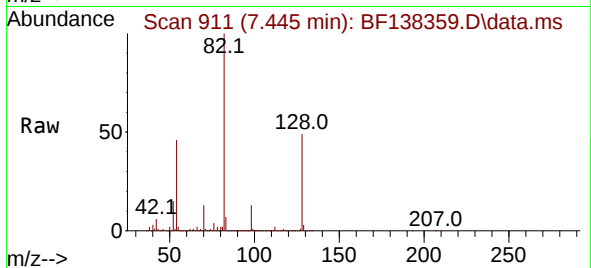
Tgt Ion: 82 Resp: 958025

Ion Ratio Lower Upper

82 100

128 49.3 37.2 55.8

54 45.9 39.8 59.6



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.963 min Scan# 1339

Delta R.T. 0.035 min

Lab File: BF138359.D

Acq: 26 Jun 2024 19:00

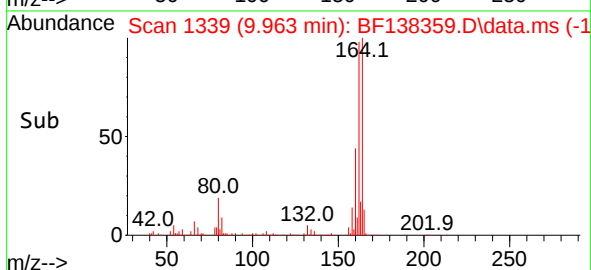
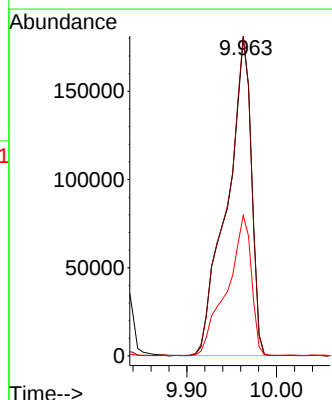
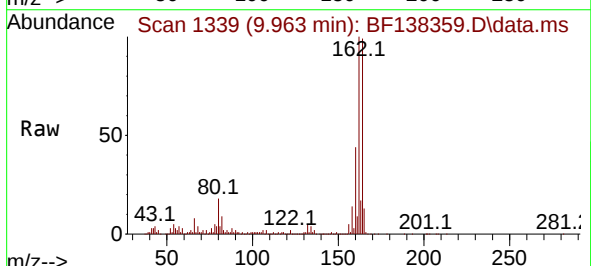
Tgt Ion:164 Resp: 339533

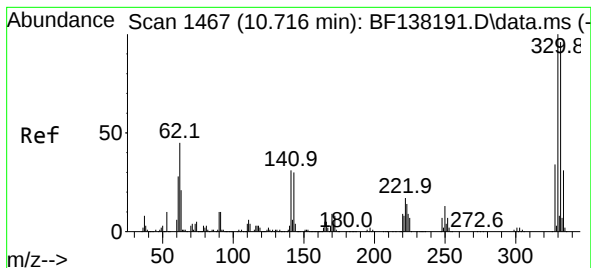
Ion Ratio Lower Upper

164 100

162 100.7 80.6 121.0

160 44.2 36.3 54.5

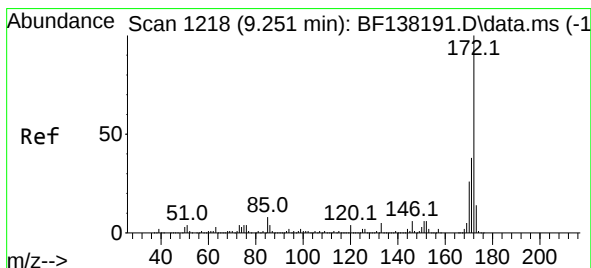
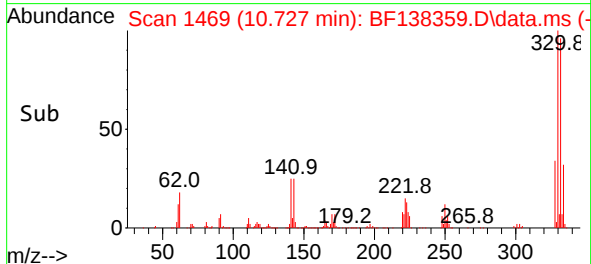
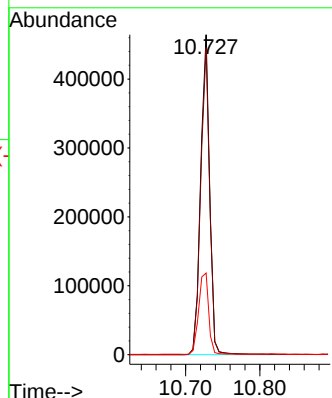
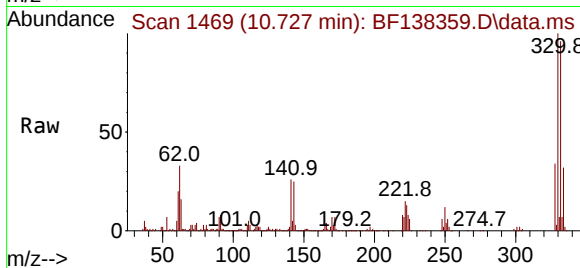




#42
 2,4,6-Tribromophenol
 Concen: 116.109 ng
 RT: 10.727 min Scan# 1469
 Delta R.T. 0.012 min
 Lab File: BF138359.D
 Acq: 26 Jun 2024 19:00

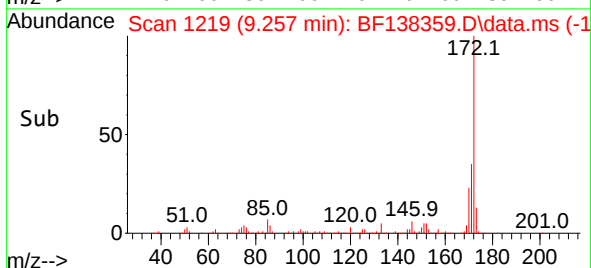
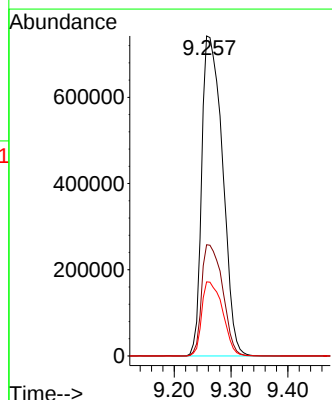
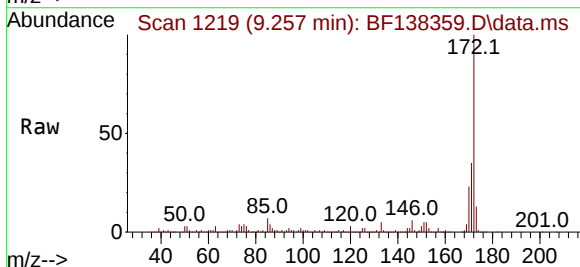
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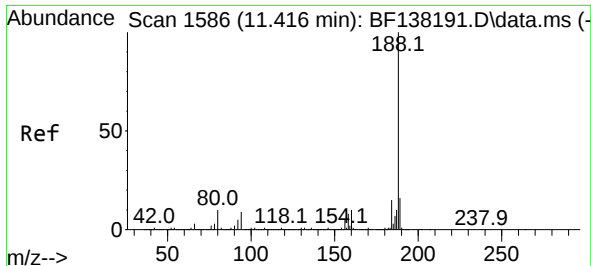
Tgt Ion: 330 Resp: 392464
 Ion Ratio Lower Upper
 330 100
 332 96.2 76.6 115.0
 141 28.2 23.9 35.9



#45
 2-Fluorobiphenyl
 Concen: 88.229 ng
 RT: 9.257 min Scan# 1219
 Delta R.T. 0.006 min
 Lab File: BF138359.D
 Acq: 26 Jun 2024 19:00

Tgt Ion: 172 Resp: 1883893
 Ion Ratio Lower Upper
 172 100
 171 34.8 30.3 45.5
 170 23.1 20.6 30.8

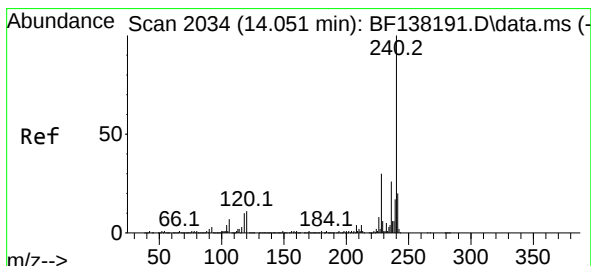
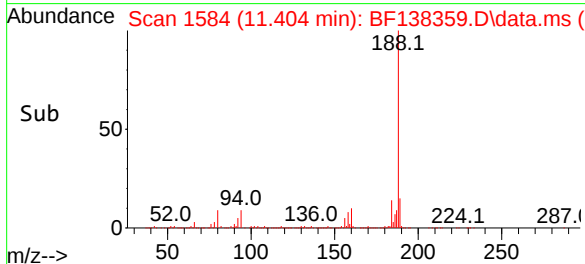
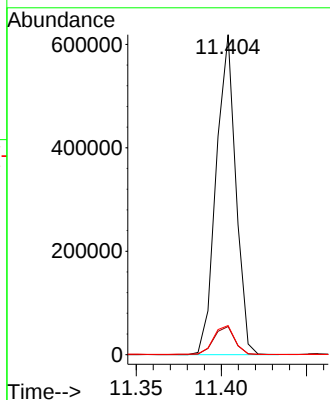
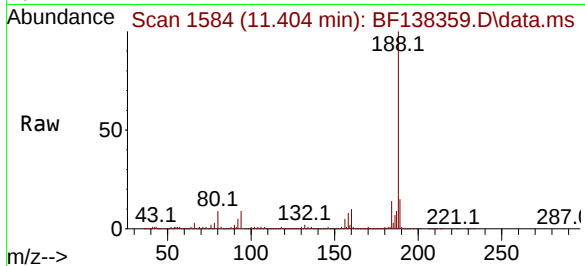




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF138359.D
Acq: 26 Jun 2024 19:00

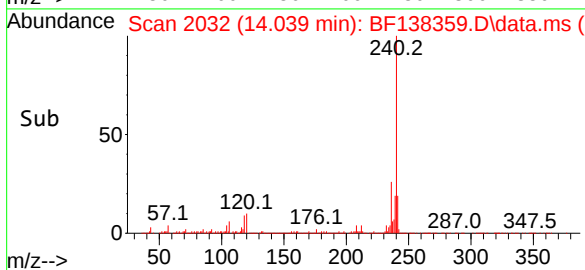
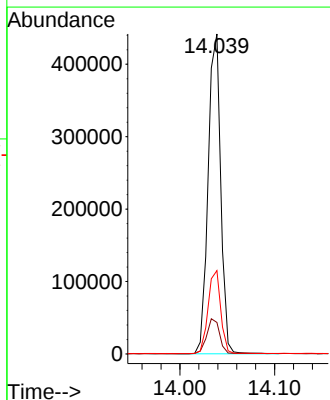
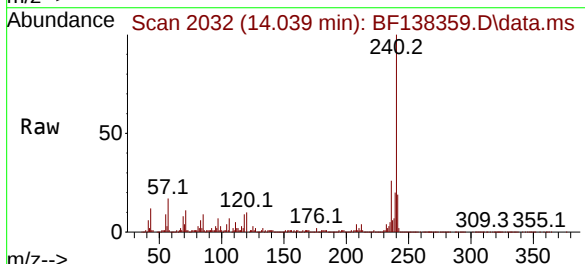
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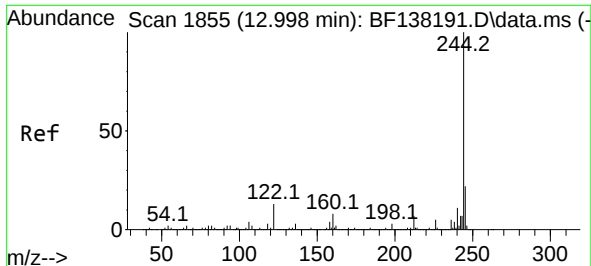
Tgt Ion:188 Resp: 495906
Ion Ratio Lower Upper
188 100
94 8.8 7.6 11.4
80 9.1 8.1 12.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 2032
Delta R.T. -0.012 min
Lab File: BF138359.D
Acq: 26 Jun 2024 19:00

Tgt Ion:240 Resp: 406436
Ion Ratio Lower Upper
240 100
120 9.9 9.2 13.8
236 26.1 21.0 31.6

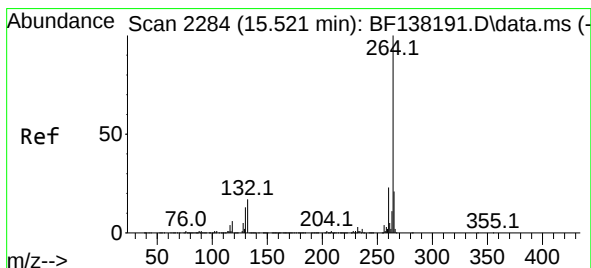
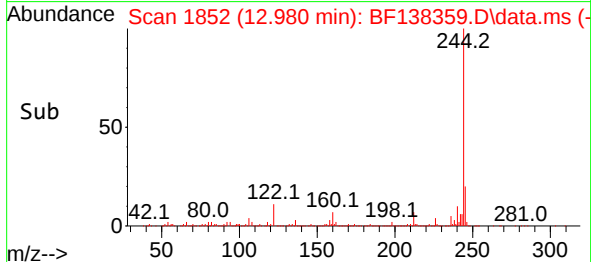
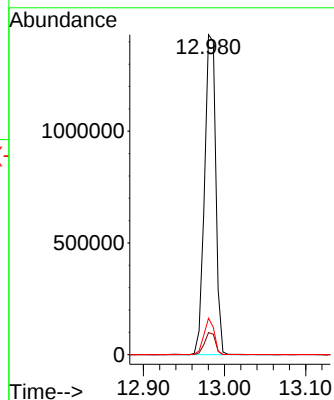
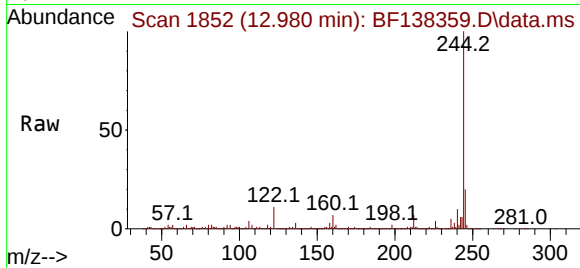




#79
Terphenyl-d14
Concen: 53.494 ng
RT: 12.980 min Scan# 1852
Delta R.T. -0.018 min
Lab File: BF138359.D
Acq: 26 Jun 2024 19:00

Instrument :
BNA_F
ClientSampleId :
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Tgt Ion:244 Resp: 1372731
Ion Ratio Lower Upper
244 100
212 6.9 5.9 8.9
122 11.4 10.6 15.8



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.510 min Scan# 2282
Delta R.T. -0.012 min
Lab File: BF138359.D
Acq: 26 Jun 2024 19:00

Tgt Ion:264 Resp: 448317
Ion Ratio Lower Upper
264 100
260 24.7 18.7 28.1
265 21.3 17.0 25.6

