

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081224\
 Data File : BF138932.D
 Acq On : 12 Aug 2024 14:13
 Operator : RC/JU
 Sample : P3520-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OU4-CF-08-080624

Quant Time: Aug 12 14:34:49 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	6.839	152	36625	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	151588	20.000	ng	-0.01
39) Acenaphthene-d10	9.869	164	83539	20.000	ng	-0.01
64) Phenanthrene-d10	11.357	188	141646	20.000	ng	-0.01
76) Chrysene-d12	13.998	240	62462	20.000	ng	# 0.00
86) Perylene-d12	15.462	264	69539	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	201507	84.930	ng	0.00
7) Phenol-d6	6.481	99	269409	84.574	ng	0.00
23) Nitrobenzene-d5	7.404	82	181351	58.491	ng	0.00
42) 2,4,6-Tribromophenol	10.663	330	59368	86.758	ng	0.00
45) 2-Fluorobiphenyl	9.192	172	323516	58.186	ng	-0.01
79) Terphenyl-d14	12.939	244	290959	77.990	ng	0.00

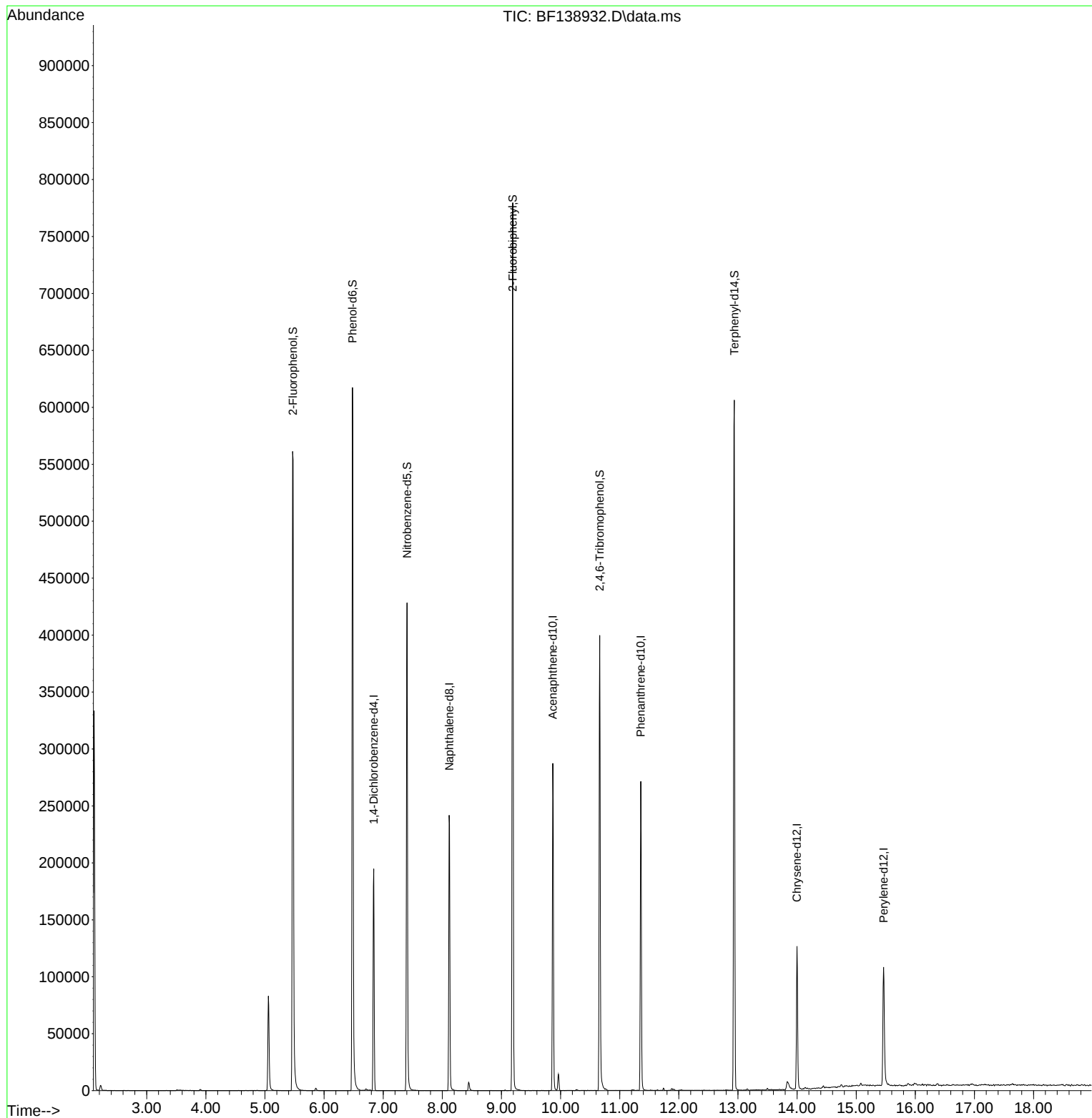
Target Compounds	Qvalue

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

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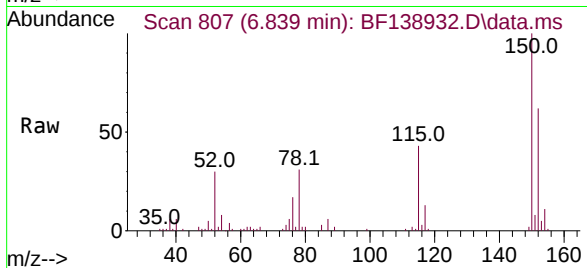
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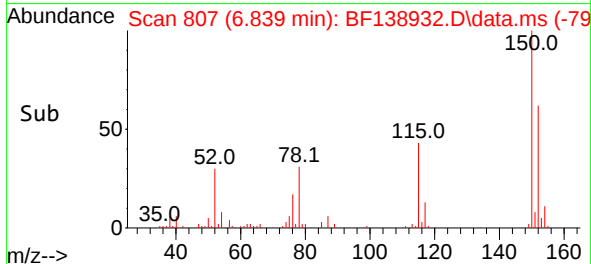
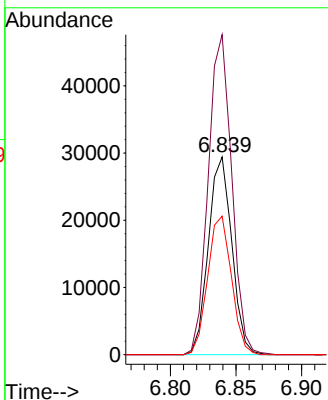


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.839 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF138932.D
Acq: 12 Aug 2024 14:13

Instrument :
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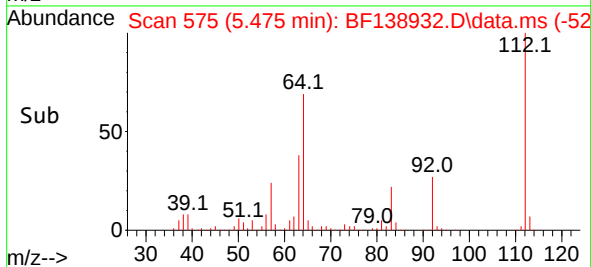
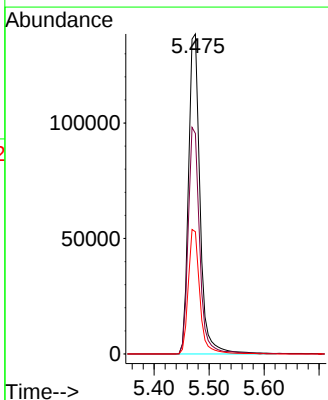
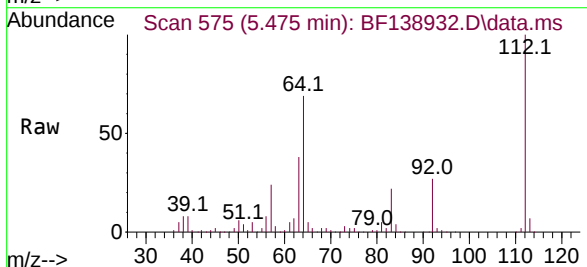


Tgt Ion:152 Resp: 36625
Ion Ratio Lower Upper
152 100
150 161.8 126.0 189.0
115 70.1 51.7 77.5



#5
2-Fluorophenol
Concen: 84.930 ng
RT: 5.475 min Scan# 575
Delta R.T. 0.006 min
Lab File: BF138932.D
Acq: 12 Aug 2024 14:13

Tgt Ion:112 Resp: 201507
Ion Ratio Lower Upper
112 100
64 68.9 54.2 81.4
63 38.2 28.7 43.1

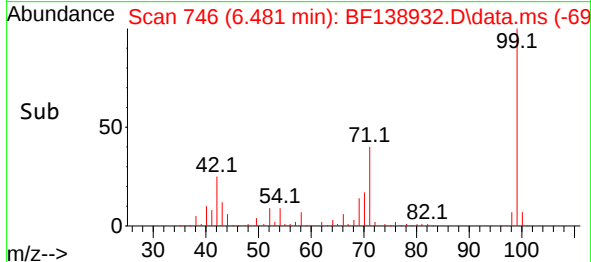
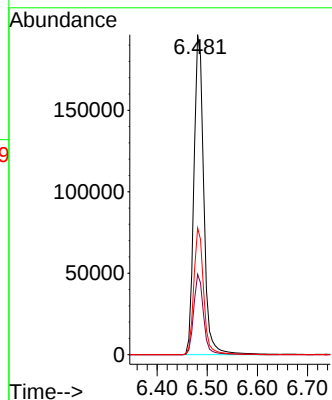
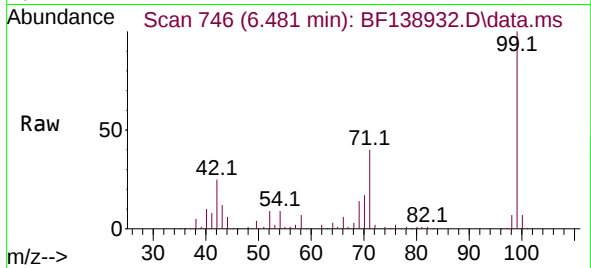




#7
Phenol-d6
Concen: 84.574 ng
RT: 6.481 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF138932.D
Acq: 12 Aug 2024 14:13

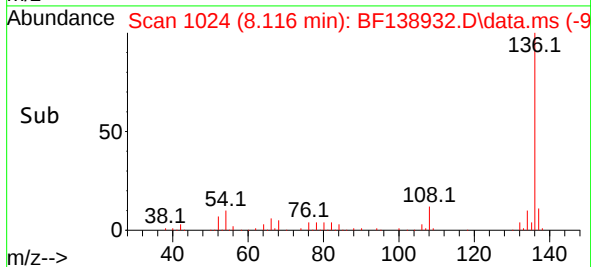
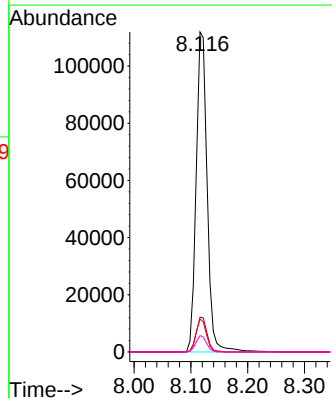
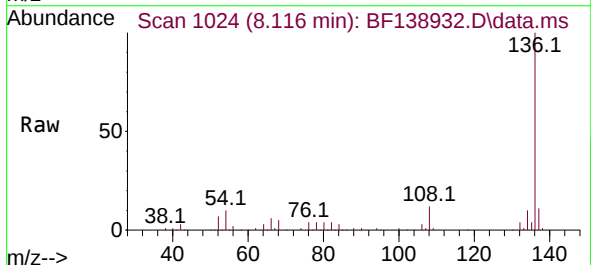
Instrument :
BNA_F
ClientSampleId :
OU4-CF-08-080624

Tgt Ion: 99 Resp: 269409
Ion Ratio Lower Upper
99 100
42 25.1 17.4 26.0
71 39.6 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: BF138932.D
Acq: 12 Aug 2024 14:13

Tgt Ion: 136 Resp: 151588
Ion Ratio Lower Upper
136 100
137 10.9 8.9 13.3
54 10.3 8.6 12.8
68 5.1 4.8 7.2





#23

Nitrobenzene-d5

Concen: 58.491 ng

RT: 7.404 min Scan# 904

Delta R.T. -0.006 min

Lab File: BF138932.D

Acq: 12 Aug 2024 14:13

Instrument :

BNA_F

ClientSampleId :

OU4-CF-08-080624

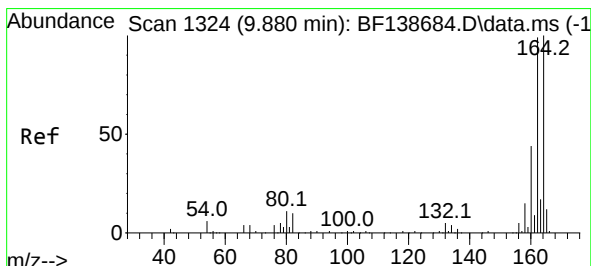
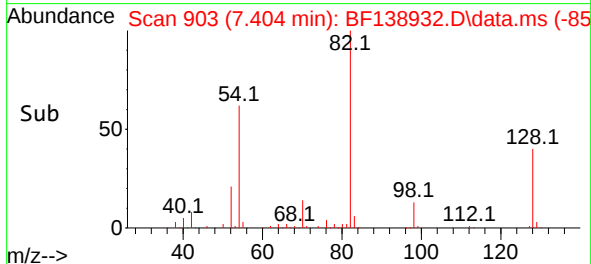
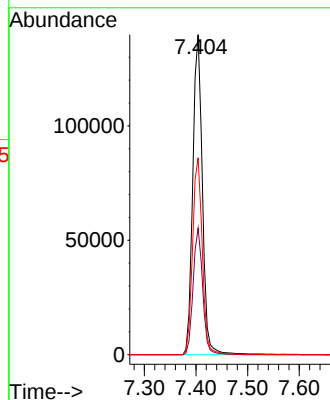
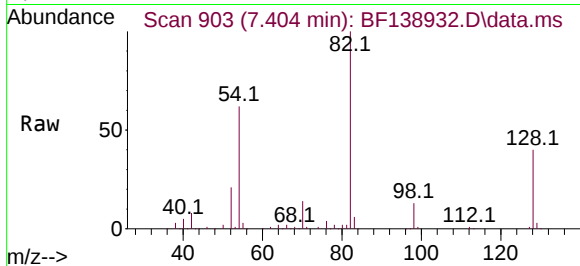
Tgt Ion: 82 Resp: 181351

Ion Ratio Lower Upper

82 100

128 39.6 32.8 49.2

54 61.5 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: BF138932.D

Acq: 12 Aug 2024 14:13

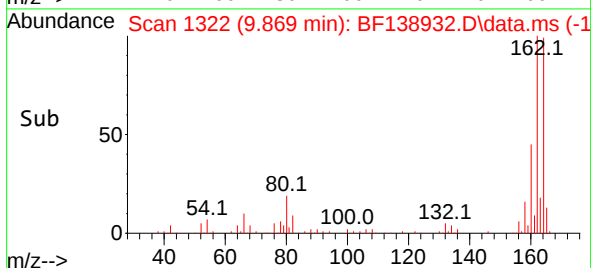
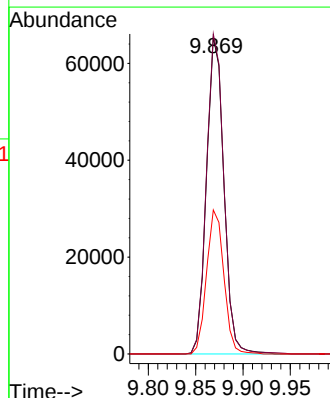
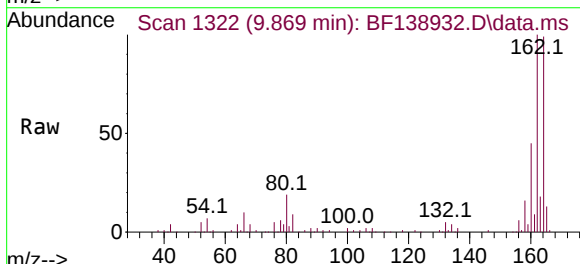
Tgt Ion:164 Resp: 83539

Ion Ratio Lower Upper

164 100

162 101.0 79.4 119.0

160 45.5 35.1 52.7

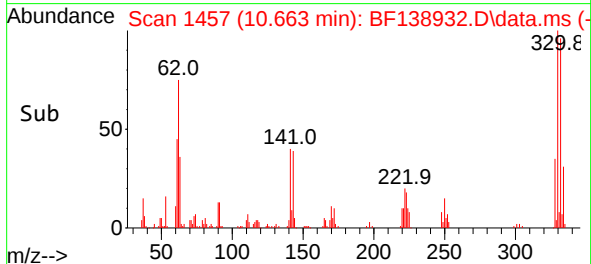
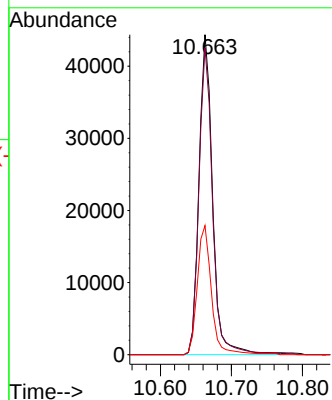
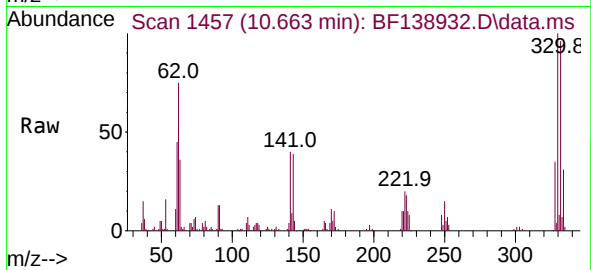




#42
2,4,6-Tribromophenol
Concen: 86.758 ng
RT: 10.663 min Scan# 1458
Delta R.T. -0.006 min
Lab File: BF138932.D
Acq: 12 Aug 2024 14:13

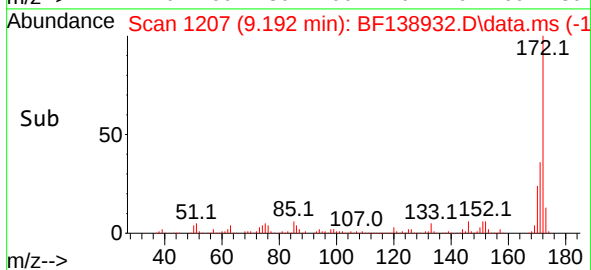
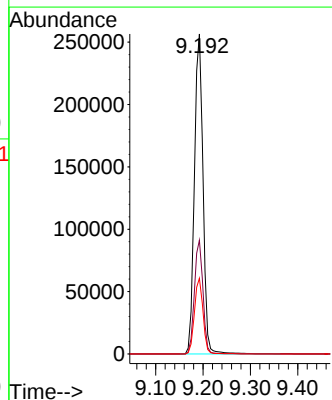
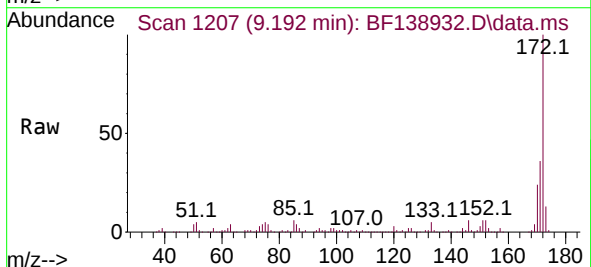
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OU4-CF-08-080624

Tgt Ion: 330 Resp: 59368
Ion Ratio Lower Upper
330 100
332 95.7 76.4 114.6
141 41.8 31.1 46.7



#45
2-Fluorobiphenyl
Concen: 58.186 ng
RT: 9.192 min Scan# 1207
Delta R.T. -0.012 min
Lab File: BF138932.D
Acq: 12 Aug 2024 14:13

Tgt Ion: 172 Resp: 323516
Ion Ratio Lower Upper
172 100
171 35.5 28.3 42.5
170 23.6 18.8 28.2

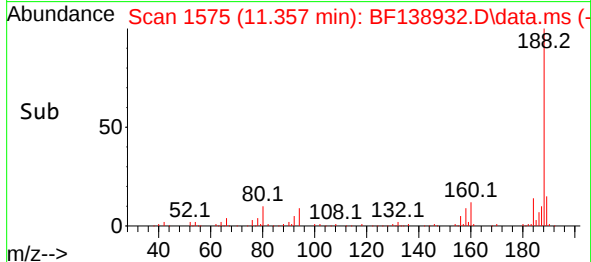
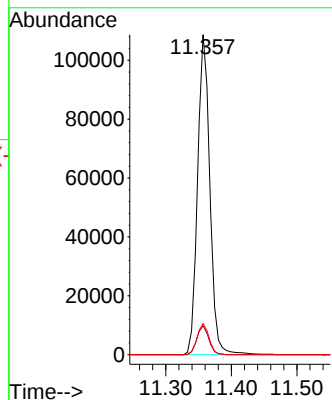
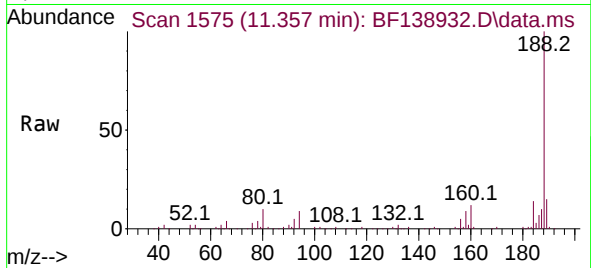




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.357 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF138932.D
Acq: 12 Aug 2024 14:13

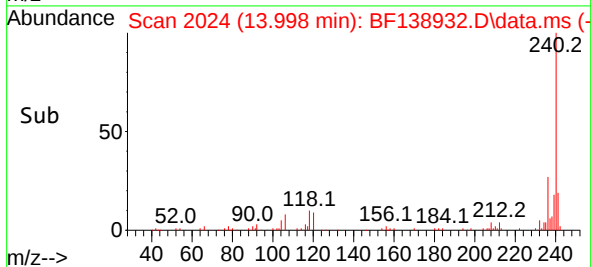
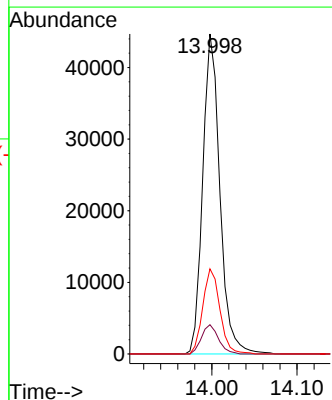
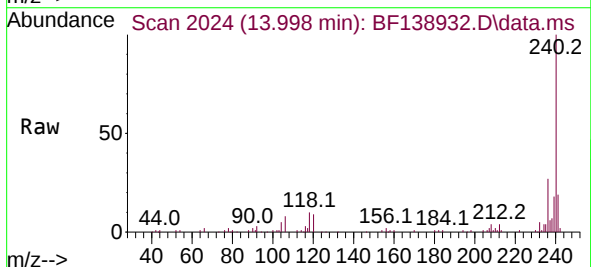
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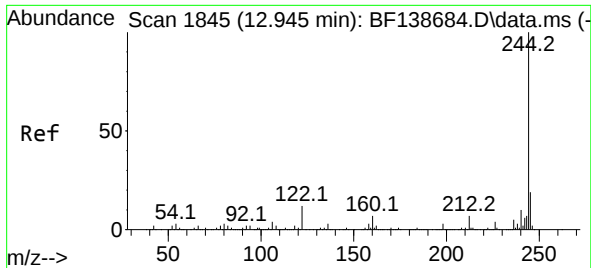
Tgt Ion:188 Resp: 141646
Ion Ratio Lower Upper
188 100
94 9.0 7.6 11.4
80 9.7 8.6 12.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.998 min Scan# 2024
Delta R.T. -0.006 min
Lab File: BF138932.D
Acq: 12 Aug 2024 14:13

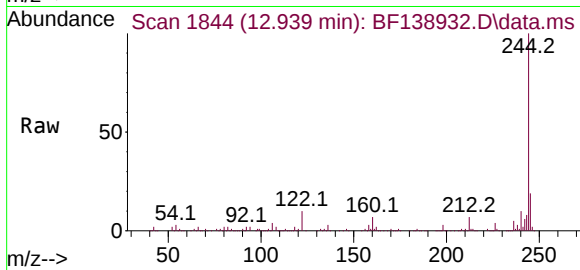
Tgt Ion:240 Resp: 62462
Ion Ratio Lower Upper
240 100
120 9.1 10.2 15.4#
236 26.6 19.8 29.8



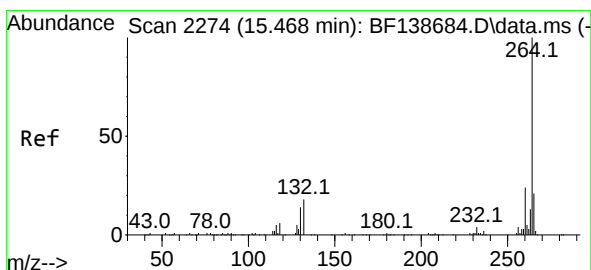
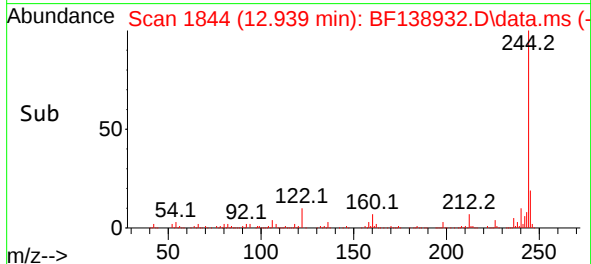
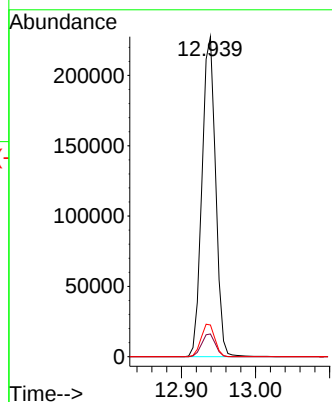


#79
 Terphenyl-d14
 Concen: 77.990 ng
 RT: 12.939 min Scan# 1844
 Delta R.T. -0.006 min
 Lab File: BF138932.D
 Acq: 12 Aug 2024 14:13

Instrument :
 BNA_F
 ClientSampleId :
 OU4-CF-08-080624



Tgt Ion:244 Resp: 290959
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.4 8.2
 122 9.9 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: BF138932.D
 Acq: 12 Aug 2024 14:13

Tgt Ion:264 Resp: 69539
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.0 28.6
 265 21.2 17.0 25.6

