

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081224\
 Data File : BF138931.D
 Acq On : 12 Aug 2024 13:43
 Operator : RC/JU
 Sample : P3520-03
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OU4-CF-09-080624

Quant Time: Aug 12 14:13:31 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	6.840	152	37641	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	154143	20.000	ng	-0.01
39) Acenaphthene-d10	9.869	164	82111	20.000	ng	-0.01
64) Phenanthrene-d10	11.357	188	137703	20.000	ng	-0.01
76) Chrysene-d12	13.998	240	61875	20.000	ng	# 0.00
86) Perylene-d12	15.463	264	73308	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	164677	67.534	ng	0.00
7) Phenol-d6	6.481	99	224596	68.603	ng	0.00
23) Nitrobenzene-d5	7.404	82	144382	45.795	ng	0.00
42) 2,4,6-Tribromophenol	10.663	330	44414	66.033	ng	0.00
45) 2-Fluorobiphenyl	9.192	172	242656	44.402	ng	-0.01
79) Terphenyl-d14	12.939	244	209943	56.808	ng	0.00

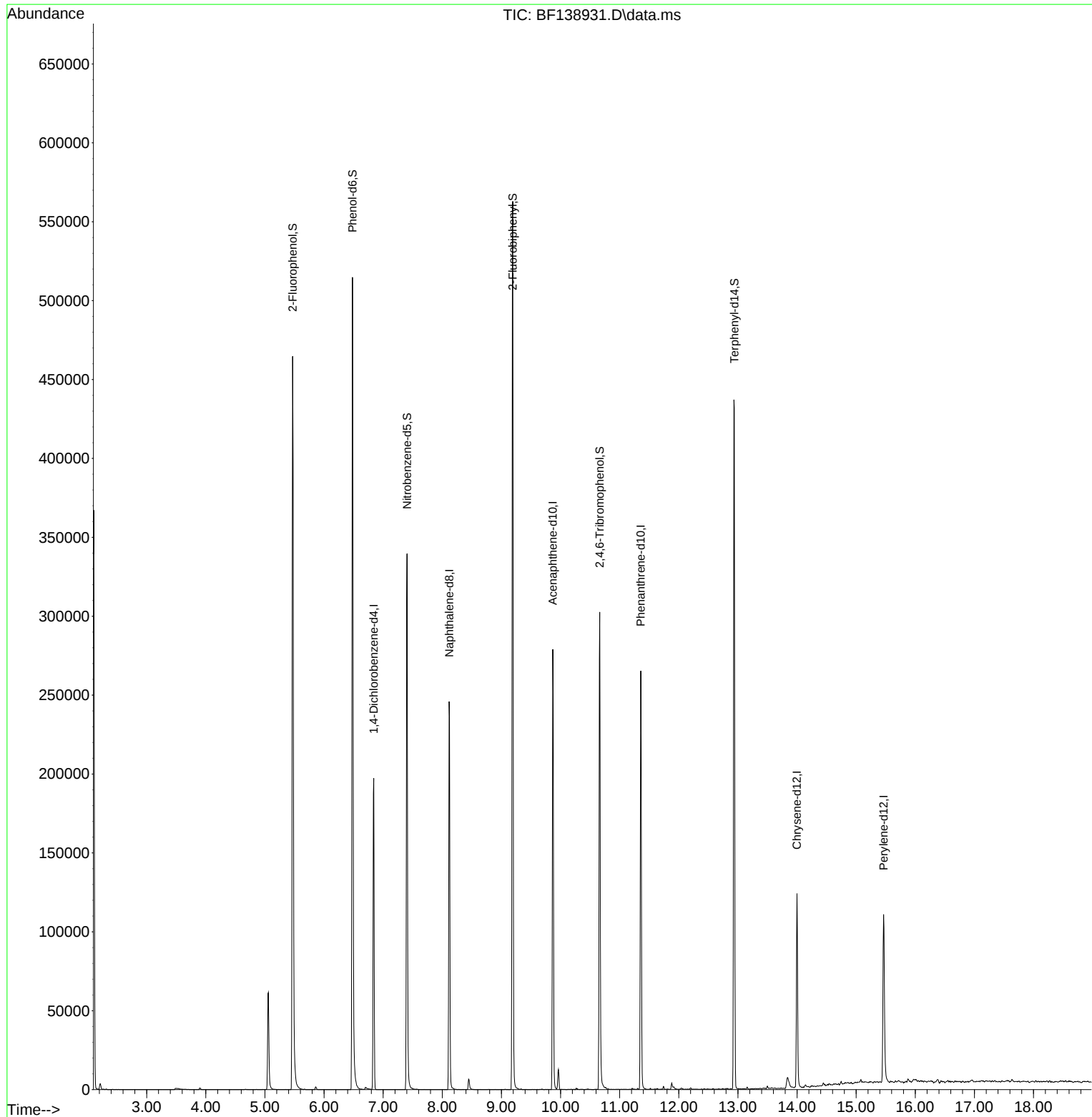
Target Compounds	Qvalue

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

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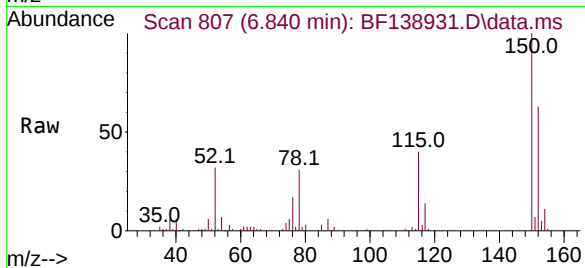
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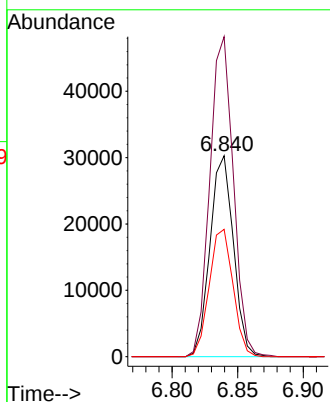
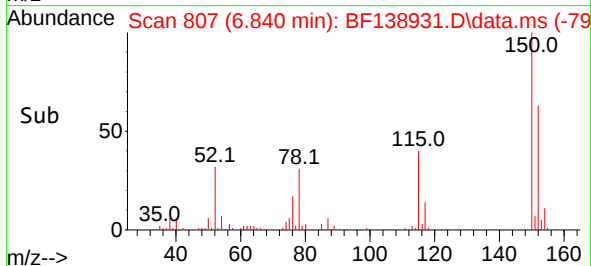


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.840 min Scan# 808
Delta R.T. -0.005 min
Lab File: BF138931.D
Acq: 12 Aug 2024 13:43

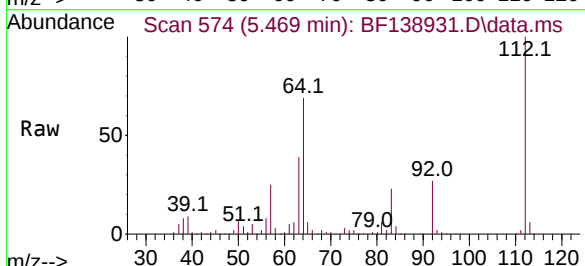
Instrument :
BNA_F
ClientSampleId :
OU4-CF-09-080624



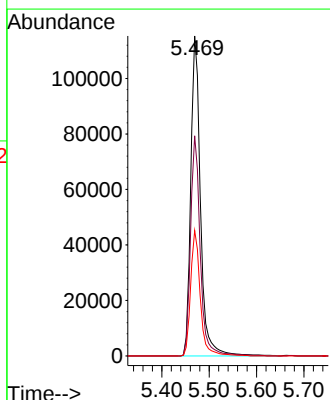
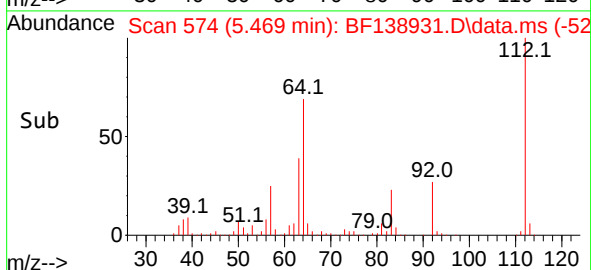
Tgt Ion:152 Resp: 37641
Ion Ratio Lower Upper
152 100
150 159.2 126.0 189.0
115 63.3 51.7 77.5



#5
2-Fluorophenol
Concen: 67.534 ng
RT: 5.469 min Scan# 574
Delta R.T. 0.000 min
Lab File: BF138931.D
Acq: 12 Aug 2024 13:43



Tgt Ion:112 Resp: 164677
Ion Ratio Lower Upper
112 100
64 68.8 54.2 81.4
63 39.2 28.7 43.1

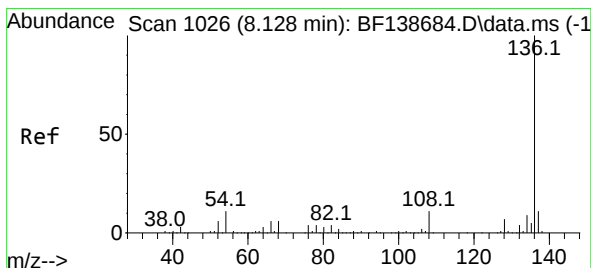
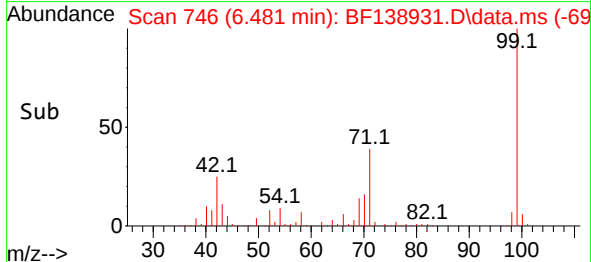
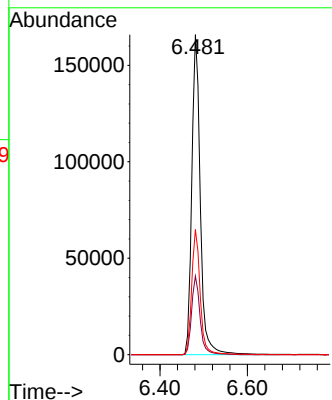
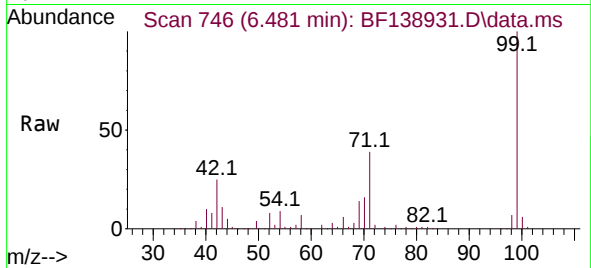




#7
Phenol-d6
Concen: 68.603 ng
RT: 6.481 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF138931.D
Acq: 12 Aug 2024 13:43

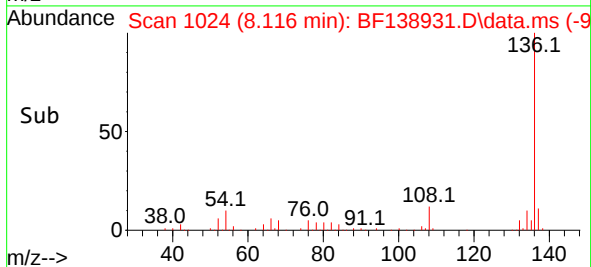
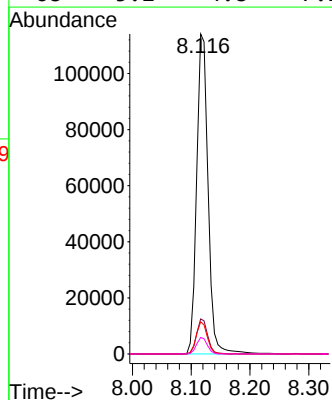
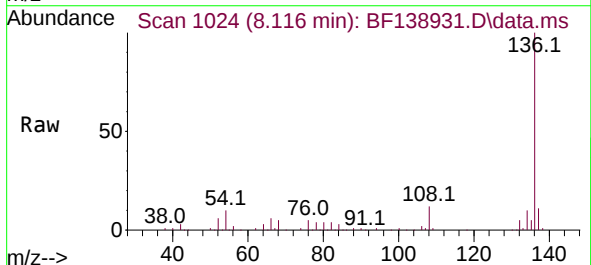
Instrument :
BNA_F
ClientSampleId :
OU4-CF-09-080624

Tgt Ion: 99 Resp: 224596
Ion Ratio Lower Upper
99 100
42 24.5 17.4 26.0
71 39.1 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: BF138931.D
Acq: 12 Aug 2024 13:43

Tgt Ion: 136 Resp: 154143
Ion Ratio Lower Upper
136 100
137 11.0 8.9 13.3
54 10.1 8.6 12.8
68 5.2 4.8 7.2

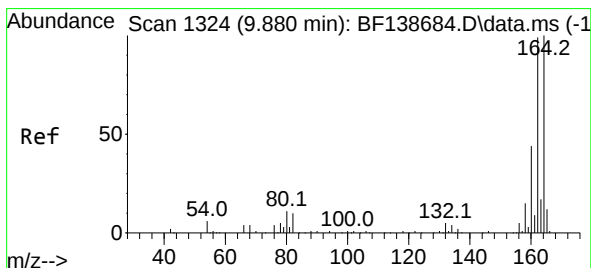
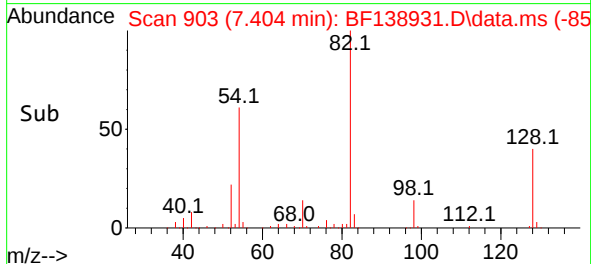
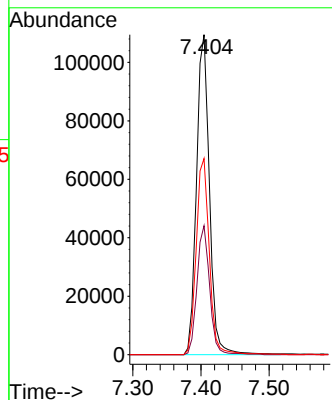
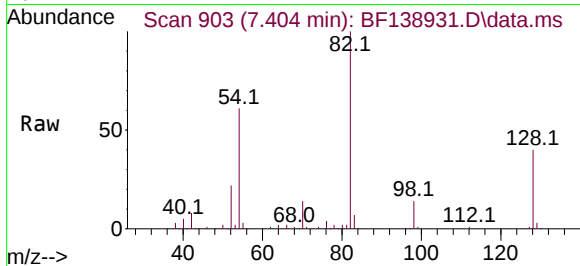




#23
Nitrobenzene-d5
Concen: 45.795 ng
RT: 7.404 min Scan# 904
Delta R.T. -0.006 min
Lab File: BF138931.D
Acq: 12 Aug 2024 13:43

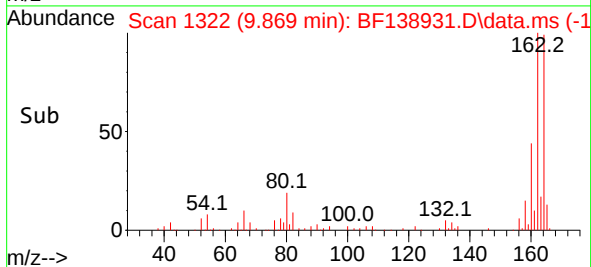
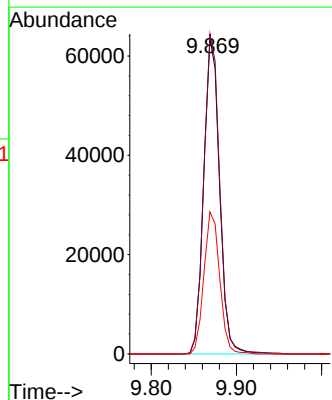
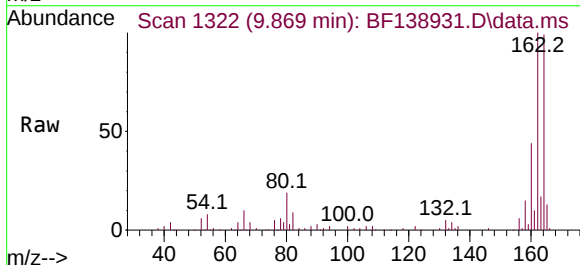
Instrument :
BNA_F
ClientSampleId :
OU4-CF-09-080624

Tgt Ion: 82 Resp: 144382
Ion Ratio Lower Upper
82 100
128 40.3 32.8 49.2
54 61.3 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: BF138931.D
Acq: 12 Aug 2024 13:43

Tgt Ion: 164 Resp: 82111
Ion Ratio Lower Upper
164 100
162 101.4 79.4 119.0
160 45.0 35.1 52.7





#42

2,4,6-Tribromophenol

Concen: 66.033 ng

RT: 10.663 min Scan# 1458

Delta R.T. -0.006 min

Lab File: BF138931.D

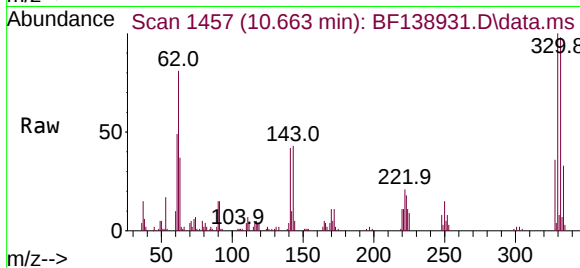
Acq: 12 Aug 2024 13:43

Instrument :

BNA_F

ClientSampleId :

OU4-CF-09-080624



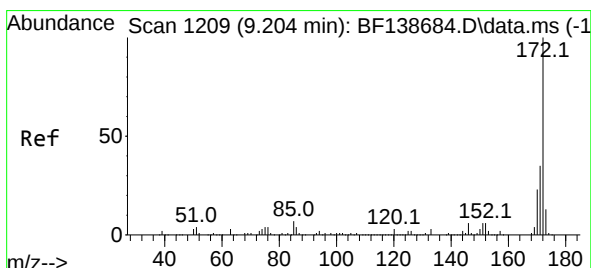
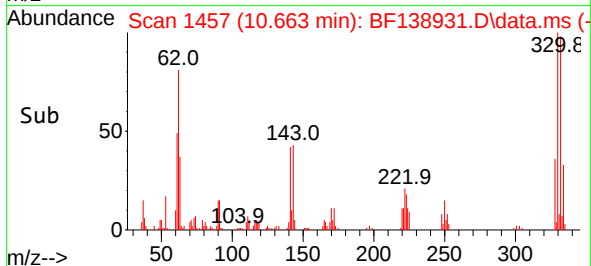
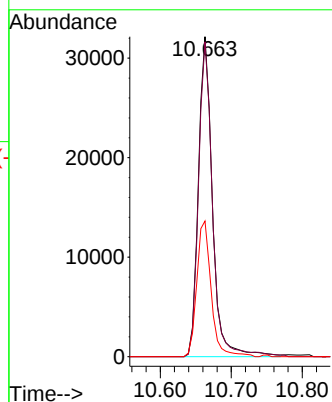
Tgt Ion:330 Resp: 44414

Ion Ratio Lower Upper

330 100

332 98.0 76.4 114.6

141 43.3 31.1 46.7



#45

2-Fluorobiphenyl

Concen: 44.402 ng

RT: 9.192 min Scan# 1207

Delta R.T. -0.012 min

Lab File: BF138931.D

Acq: 12 Aug 2024 13:43

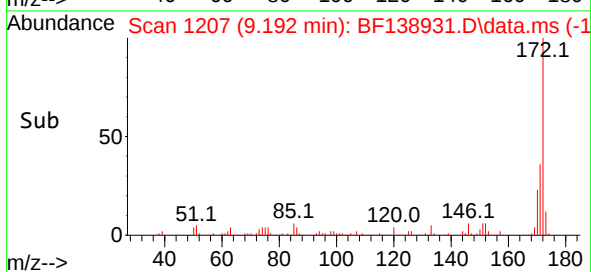
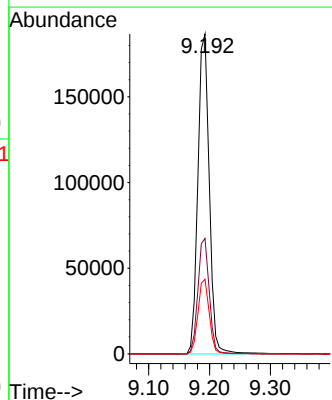
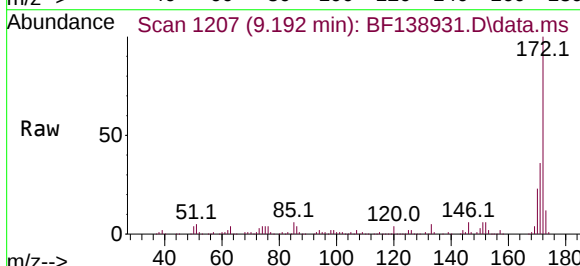
Tgt Ion:172 Resp: 242656

Ion Ratio Lower Upper

172 100

171 36.1 28.3 42.5

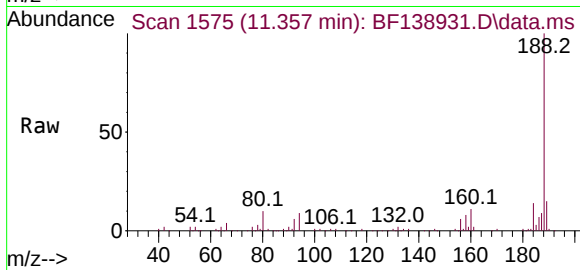
170 23.4 18.8 28.2



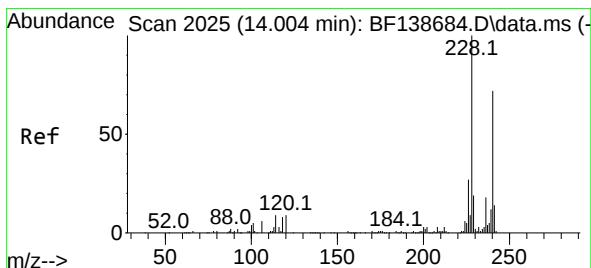
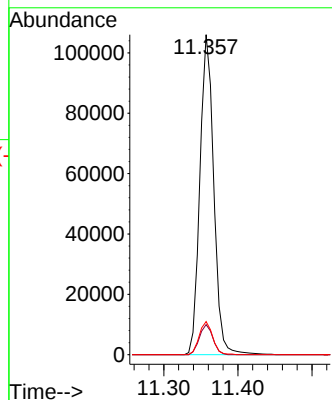
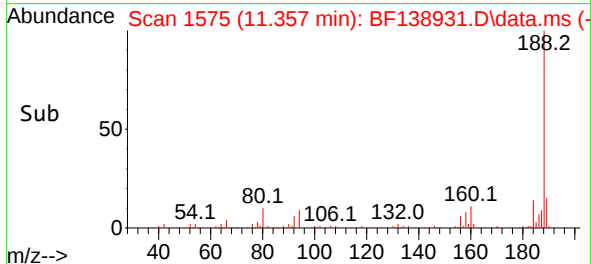


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.357 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF138931.D
Acq: 12 Aug 2024 13:43

Instrument :
BNA_F
ClientSampleId :
OU4-CF-09-080624

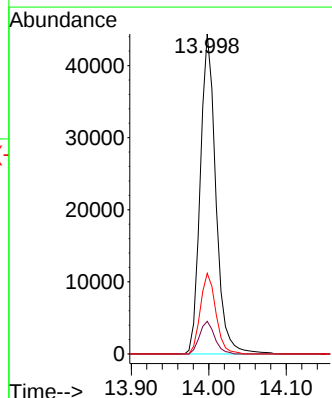
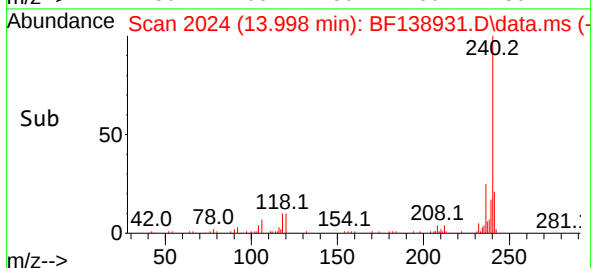
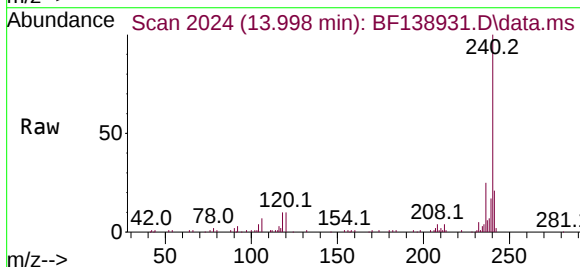


Tgt Ion:188 Resp: 137703
Ion Ratio Lower Upper
188 100
94 9.4 7.6 11.4
80 10.4 8.6 12.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.998 min Scan# 2024
Delta R.T. -0.006 min
Lab File: BF138931.D
Acq: 12 Aug 2024 13:43

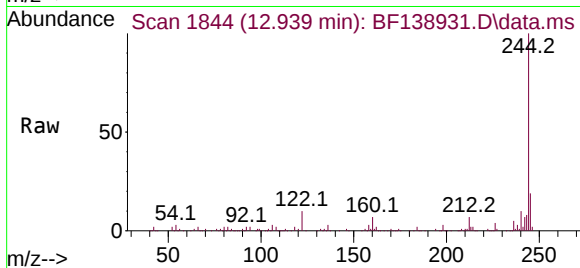
Tgt Ion:240 Resp: 61875
Ion Ratio Lower Upper
240 100
120 10.2 10.2 15.4#
236 25.2 19.8 29.8



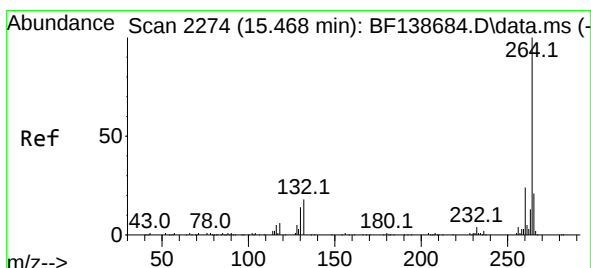
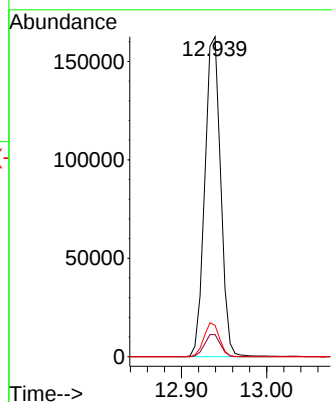
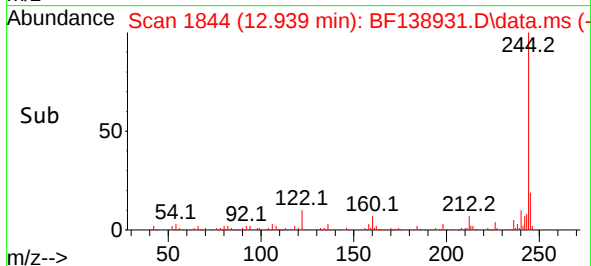


#79
 Terphenyl-d14
 Concen: 56.808 ng
 RT: 12.939 min Scan# 1844
 Delta R.T. -0.006 min
 Lab File: BF138931.D
 Acq: 12 Aug 2024 13:43

Instrument :
 BNA_F
 ClientSampleId :
 OU4-CF-09-080624



Tgt Ion:244 Resp: 209943
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.4 8.2
 122 9.8 9.6 14.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.463 min Scan# 2273
 Delta R.T. -0.006 min
 Lab File: BF138931.D
 Acq: 12 Aug 2024 13:43

Tgt Ion:264 Resp: 73308
 Ion Ratio Lower Upper
 264 100
 260 22.4 19.0 28.6
 265 21.0 17.0 25.6

