

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080124\
 Data File : BF138730.D
 Acq On : 01 Aug 2024 18:03
 Operator : RC/JU
 Sample : P3368-03
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CONC-2

Quant Time: Aug 01 18:34:43 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)

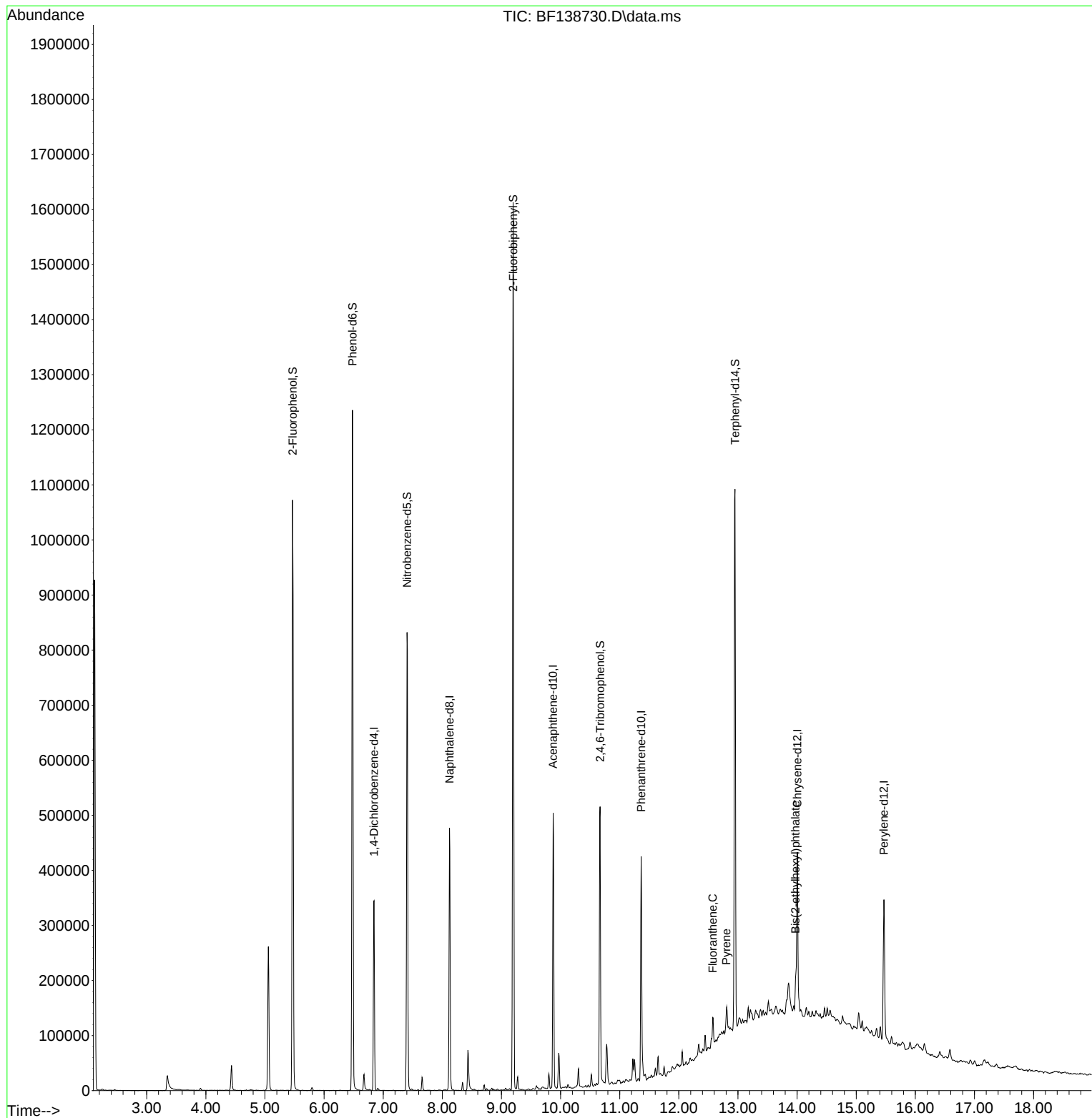
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	69909	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	281421	20.000	ng	0.00
39) Acenaphthene-d10	9.875	164	142977	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	201061	20.000	ng	0.00
76) Chrysene-d12	14.004	240	121066	20.000	ng	0.00
86) Perylene-d12	15.468	264	138736	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	359277	79.332	ng	0.00
7) Phenol-d6	6.481	99	542183	89.169	ng	0.00
23) Nitrobenzene-d5	7.404	82	370057	64.290	ng	0.00
42) 2,4,6-Tribromophenol	10.669	330	77244	65.954	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	659945	69.351	ng	0.00
79) Terphenyl-d14	12.951	244	470280	65.037	ng	0.00
Target Compounds						
						Qvalue
75) Fluoranthene	12.574	202	24834	2.569	ng	98
78) Pyrene	12.804	202	23956	2.102	ng	98
84) Bis(2-ethylhexyl)phtha...	13.974	149	23155	4.332	ng	100

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

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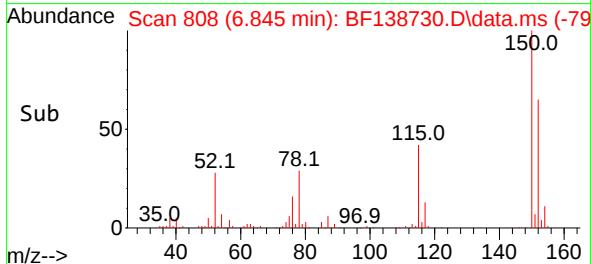
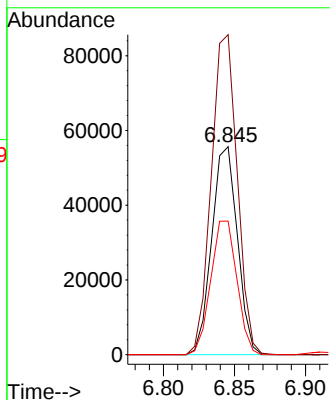
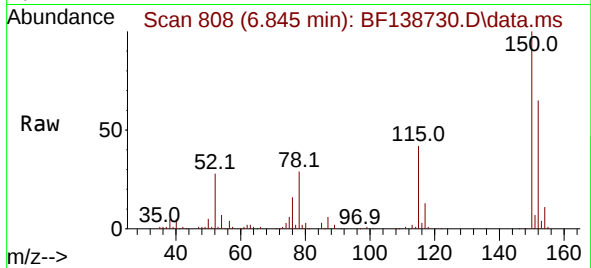




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.845 min Scan# 808
Delta R.T. 0.000 min
Lab File: BF138730.D
Acq: 01 Aug 2024 18:03

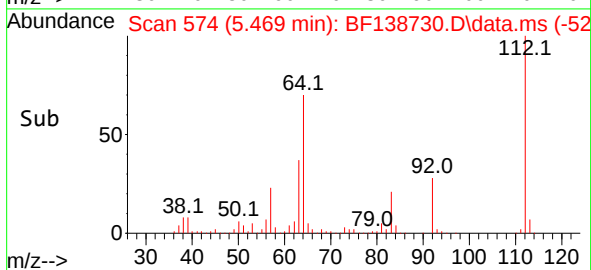
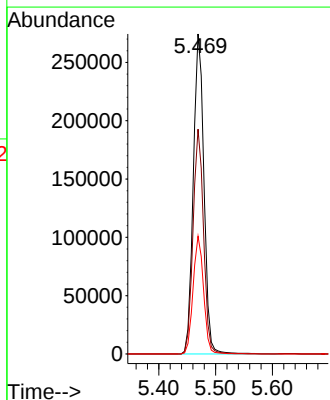
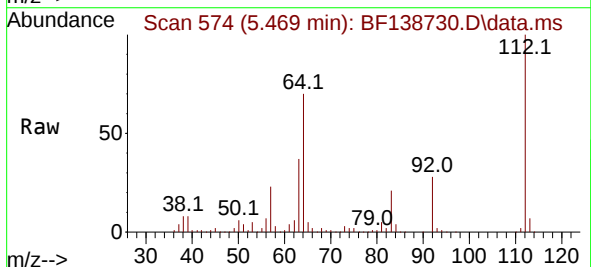
Instrument :
BNA_F
ClientSampleId :
CONC-2

Tgt Ion:152 Resp: 69909
Ion Ratio Lower Upper
152 100
150 153.9 126.0 189.0
115 64.2 51.7 77.5



#5
2-Fluorophenol
Concen: 79.332 ng
RT: 5.469 min Scan# 574
Delta R.T. 0.000 min
Lab File: BF138730.D
Acq: 01 Aug 2024 18:03

Tgt Ion:112 Resp: 359277
Ion Ratio Lower Upper
112 100
64 70.2 54.2 81.4
63 36.8 28.7 43.1

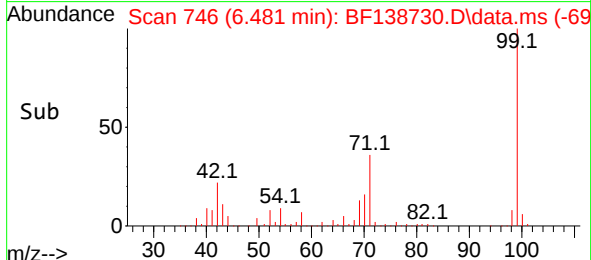
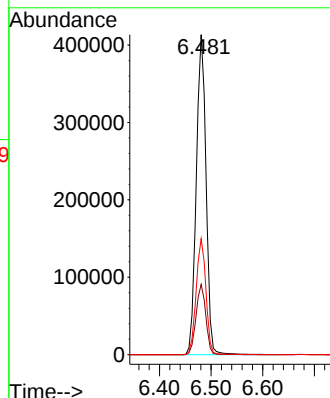
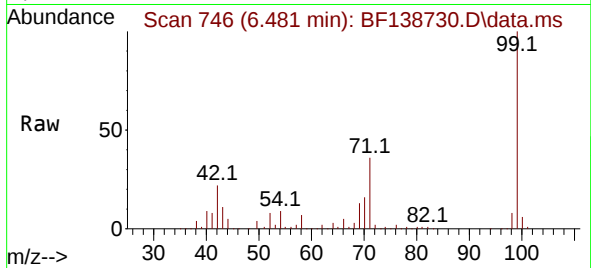




#7
Phenol-d6
Concen: 89.169 ng
RT: 6.481 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF138730.D
Acq: 01 Aug 2024 18:03

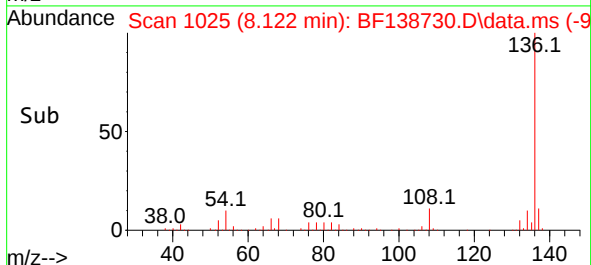
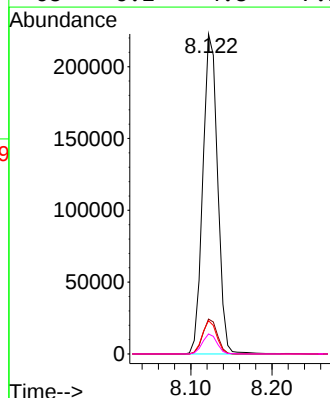
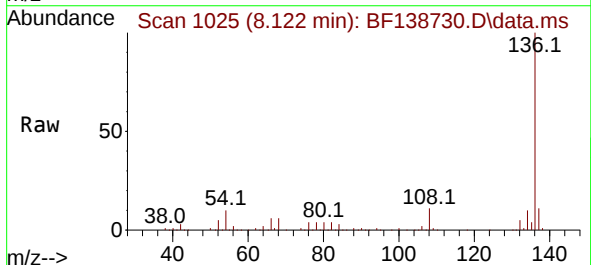
Instrument :
BNA_F
ClientSampleId :
CONC-2

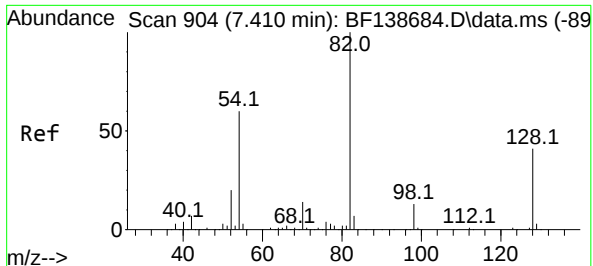
Tgt Ion: 99 Resp: 542183
Ion Ratio Lower Upper
99 100
42 22.0 17.4 26.0
71 36.3 28.1 42.1



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 1025
Delta R.T. -0.006 min
Lab File: BF138730.D
Acq: 01 Aug 2024 18:03

Tgt Ion: 136 Resp: 281421
Ion Ratio Lower Upper
136 100
137 10.9 8.9 13.3
54 10.4 8.6 12.8
68 6.2 4.8 7.2





#23

Nitrobenzene-d5

Concen: 64.290 ng

RT: 7.404 min Scan# 904

Delta R.T. -0.006 min

Lab File: BF138730.D

Acq: 01 Aug 2024 18:03

Instrument :

BNA_F

ClientSampleId :

CONC-2

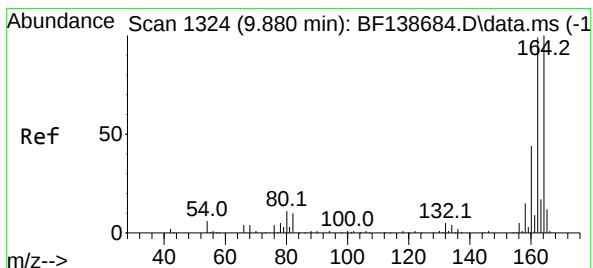
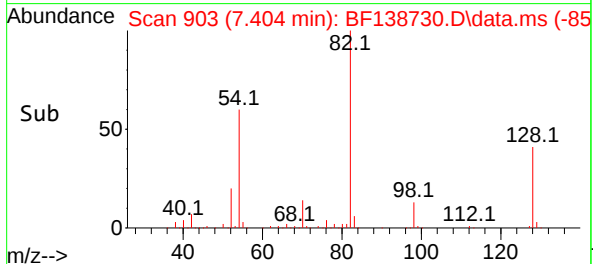
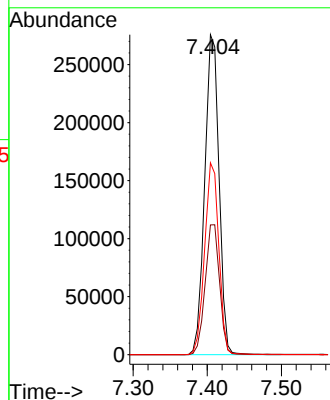
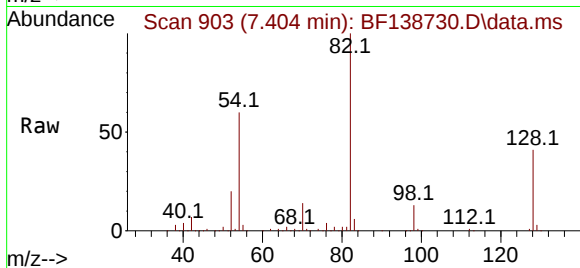
Tgt Ion: 82 Resp: 370057

Ion Ratio Lower Upper

82 100

128 40.6 32.8 49.2

54 59.9 48.3 72.5



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.875 min Scan# 1323

Delta R.T. -0.005 min

Lab File: BF138730.D

Acq: 01 Aug 2024 18:03

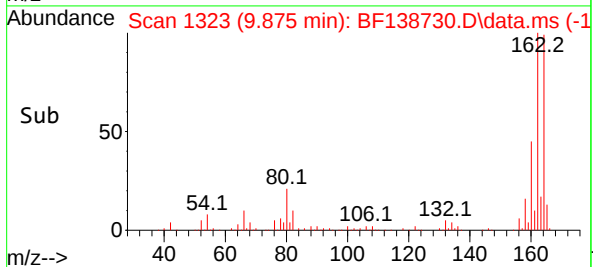
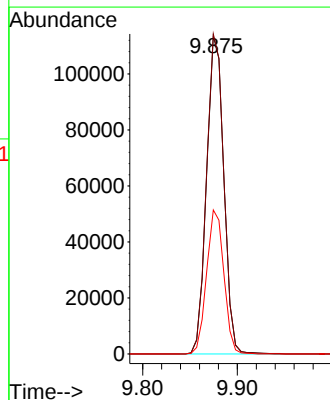
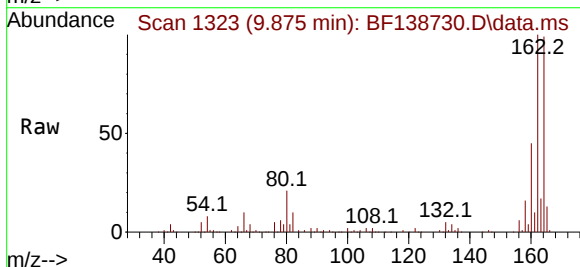
Tgt Ion:164 Resp: 142977

Ion Ratio Lower Upper

164 100

162 100.6 79.4 119.0

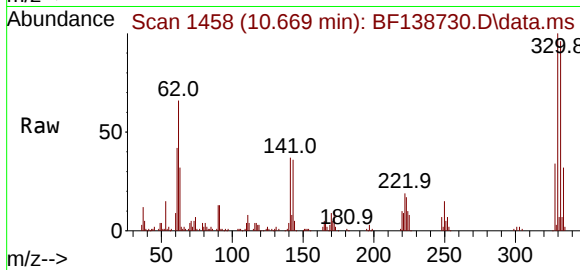
160 45.3 35.1 52.7



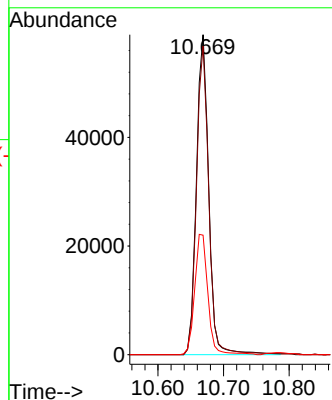
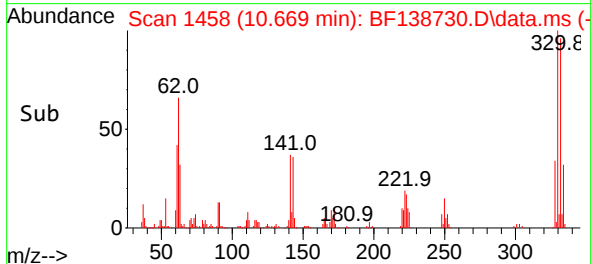


#42
2,4,6-Tribromophenol
Concen: 65.954 ng
RT: 10.669 min Scan# 1458
Delta R.T. 0.000 min
Lab File: BF138730.D
Acq: 01 Aug 2024 18:03

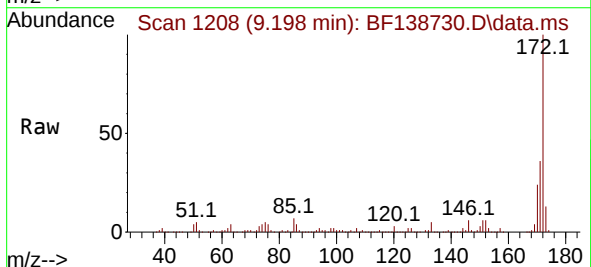
Instrument :
BNA_F
ClientSampleId :
CONC-2



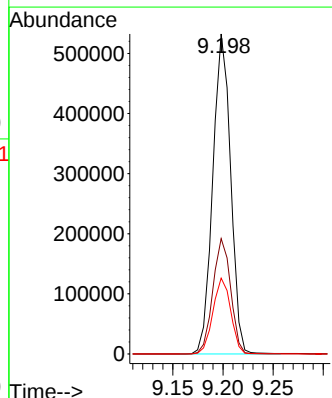
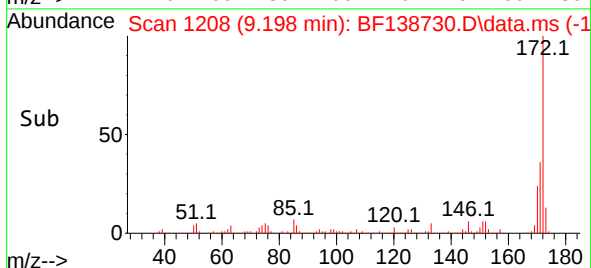
Tgt Ion: 330 Resp: 77244
Ion Ratio Lower Upper
330 100
332 96.3 76.4 114.6
141 40.2 31.1 46.7



#45
2-Fluorobiphenyl
Concen: 69.351 ng
RT: 9.198 min Scan# 1208
Delta R.T. -0.006 min
Lab File: BF138730.D
Acq: 01 Aug 2024 18:03



Tgt Ion: 172 Resp: 659945
Ion Ratio Lower Upper
172 100
171 36.1 28.3 42.5
170 23.7 18.8 28.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.363 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF138730.D

Acq: 01 Aug 2024 18:03

Instrument :

BNA_F

ClientSampleId :

CONC-2

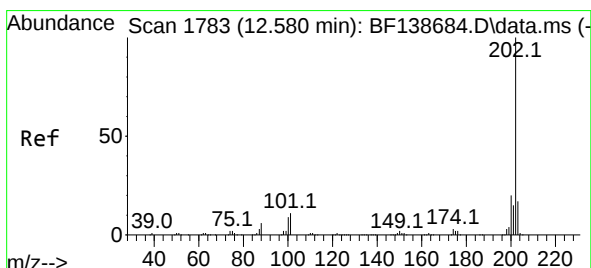
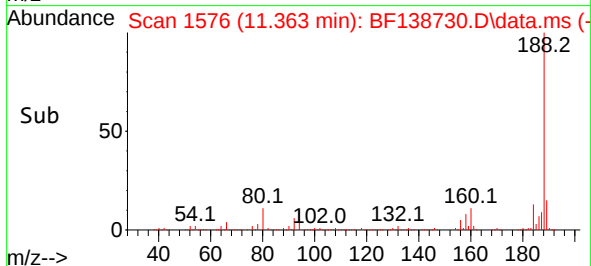
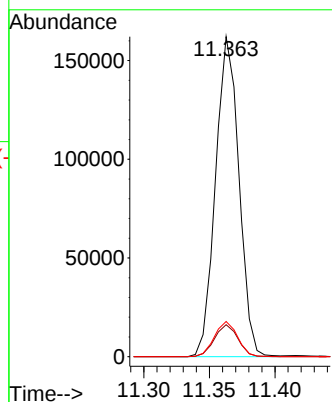
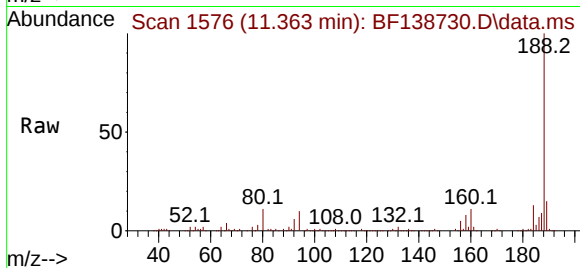
Tgt Ion:188 Resp: 201061

Ion Ratio Lower Upper

188 100

94 10.0 7.6 11.4

80 11.0 8.6 12.8



#75

Fluoranthene

Concen: 2.569 ng

RT: 12.574 min Scan# 1782

Delta R.T. -0.006 min

Lab File: BF138730.D

Acq: 01 Aug 2024 18:03

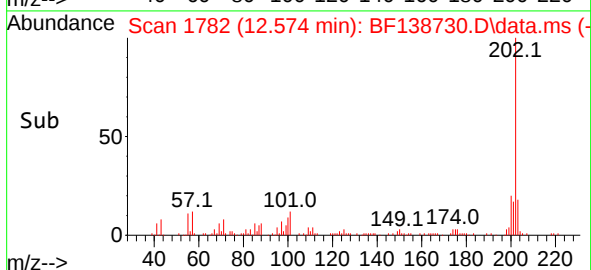
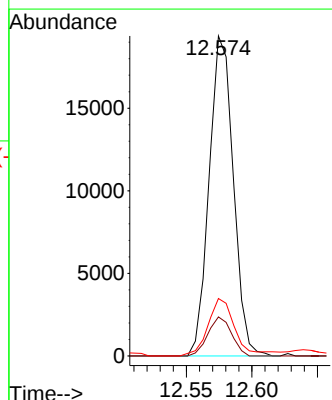
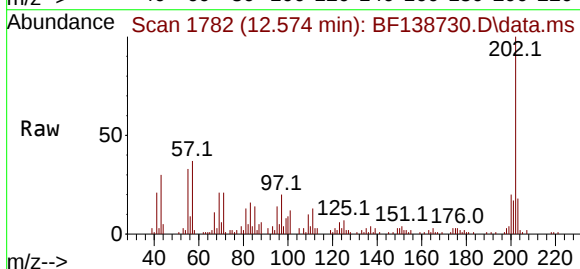
Tgt Ion:202 Resp: 24834

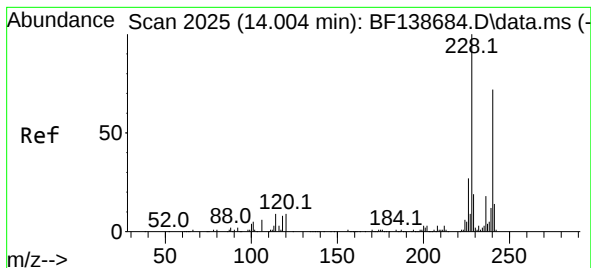
Ion Ratio Lower Upper

202 100

101 12.2 0.0 31.2

203 18.0 0.0 37.3





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.004 min Scan# 2025

Delta R.T. 0.000 min

Lab File: BF138730.D

Acq: 01 Aug 2024 18:03

Instrument :

BNA_F

ClientSampleId :

CONC-2

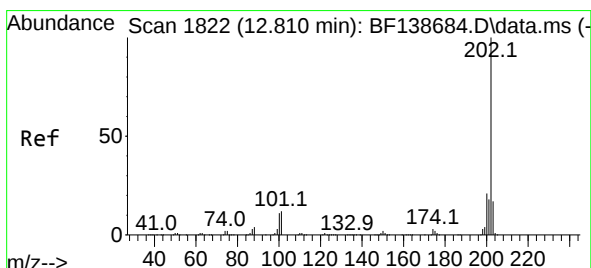
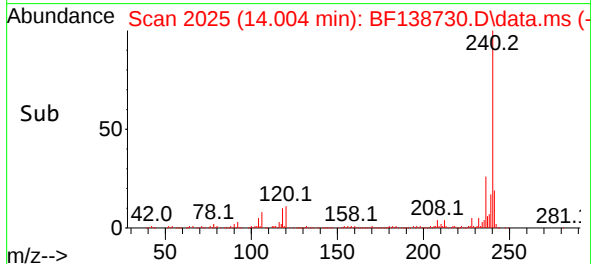
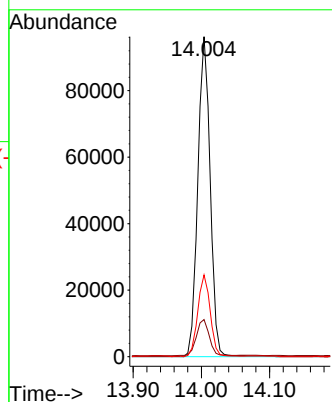
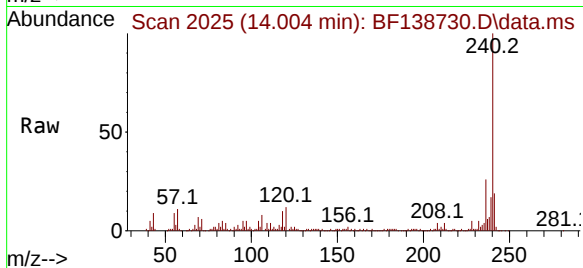
Tgt Ion:240 Resp: 121066

Ion Ratio Lower Upper

240 100

120 11.6 10.2 15.4

236 25.6 19.8 29.8



#78

Pyrene

Concen: 2.102 ng

RT: 12.804 min Scan# 1821

Delta R.T. -0.006 min

Lab File: BF138730.D

Acq: 01 Aug 2024 18:03

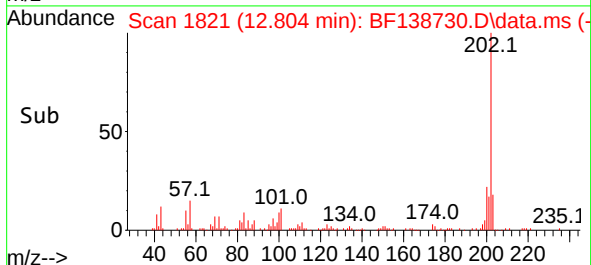
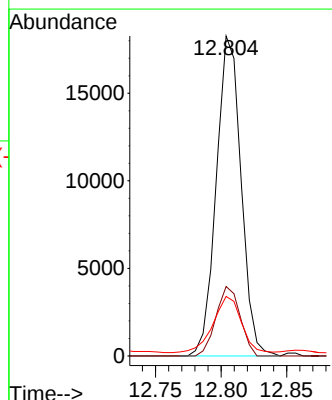
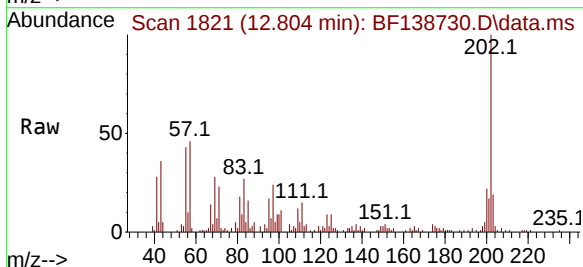
Tgt Ion:202 Resp: 23956

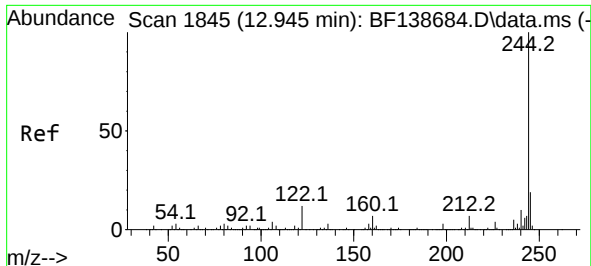
Ion Ratio Lower Upper

202 100

200 21.7 16.8 25.2

203 18.6 13.8 20.6

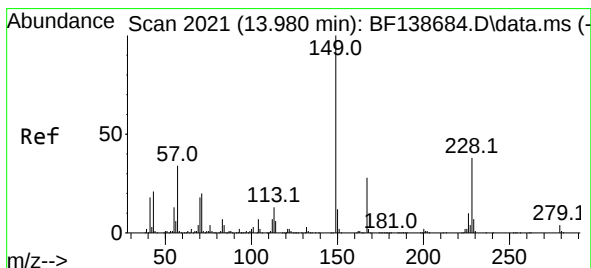
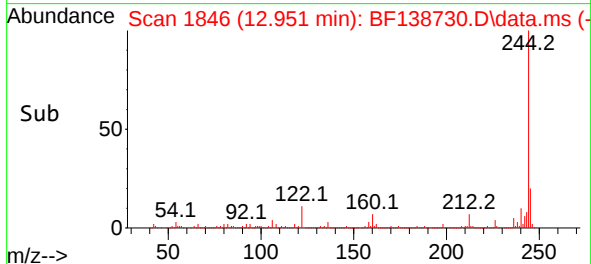
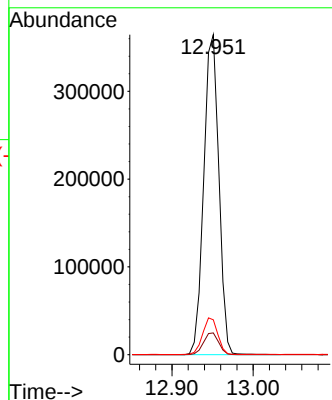
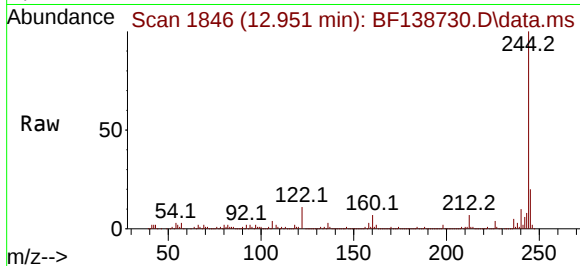




#79
 Terphenyl-d14
 Concen: 65.037 ng
 RT: 12.951 min Scan# 1846
 Delta R.T. 0.006 min
 Lab File: BF138730.D
 Acq: 01 Aug 2024 18:03

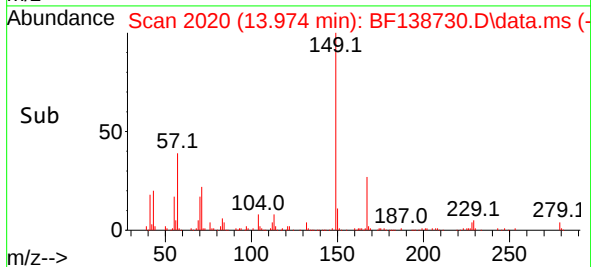
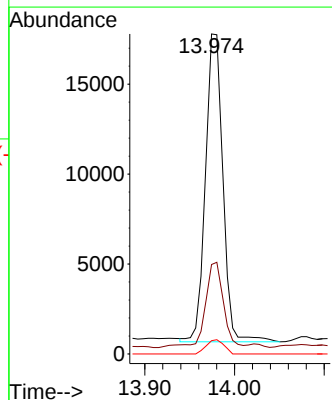
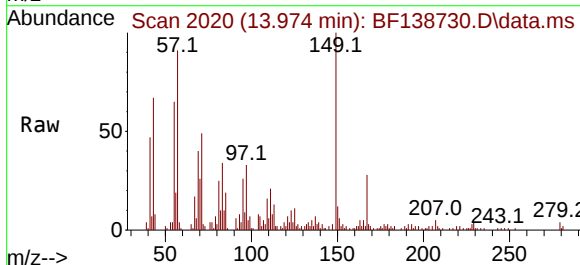
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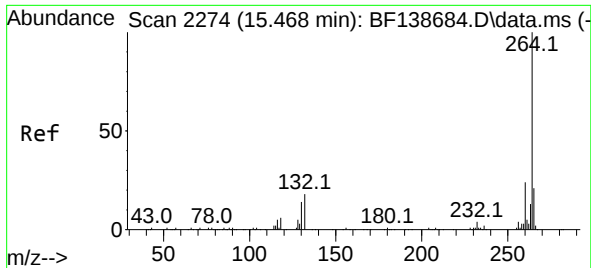
Tgt Ion:244 Resp: 470280
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.4 8.2
 122 10.9 9.6 14.4



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 4.332 ng
 RT: 13.974 min Scan# 2020
 Delta R.T. -0.006 min
 Lab File: BF138730.D
 Acq: 01 Aug 2024 18:03

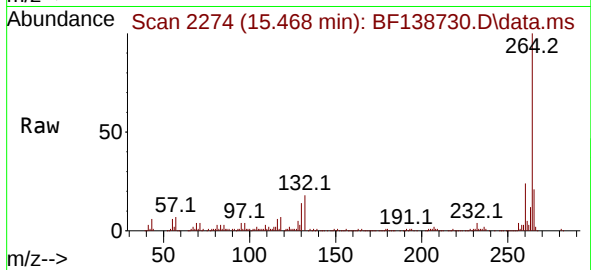
Tgt Ion:149 Resp: 23155
 Ion Ratio Lower Upper
 149 100
 167 28.0 22.2 33.4
 279 4.1 3.4 5.0





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.468 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF138730.D
Acq: 01 Aug 2024 18:03

Instrument :
BNA_F
ClientSampleId :
CONC-2



Tgt Ion:264	Resp:	138736	
Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.0	28.6
265	21.0	17.0	25.6

