

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080124\
 Data File : BF138721.D
 Acq On : 01 Aug 2024 13:21
 Operator : RC/JU
 Sample : P3379-05
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OU4-PCS-03-072324

Quant Time: Aug 01 13:47:23 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	67765	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	288171	20.000	ng	0.00
39) Acenaphthene-d10	9.880	164	163668	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	281615	20.000	ng	0.00
76) Chrysene-d12	14.004	240	134004	20.000	ng	0.00
86) Perylene-d12	15.468	264	133387	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	364455	83.021	ng	0.00
7) Phenol-d6	6.481	99	504468	85.591	ng	0.00
23) Nitrobenzene-d5	7.404	82	325828	55.280	ng	0.00
42) 2,4,6-Tribromophenol	10.669	330	119601	89.211	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	602676	55.327	ng	0.00
79) Terphenyl-d14	12.951	244	582473	72.775	ng	0.00

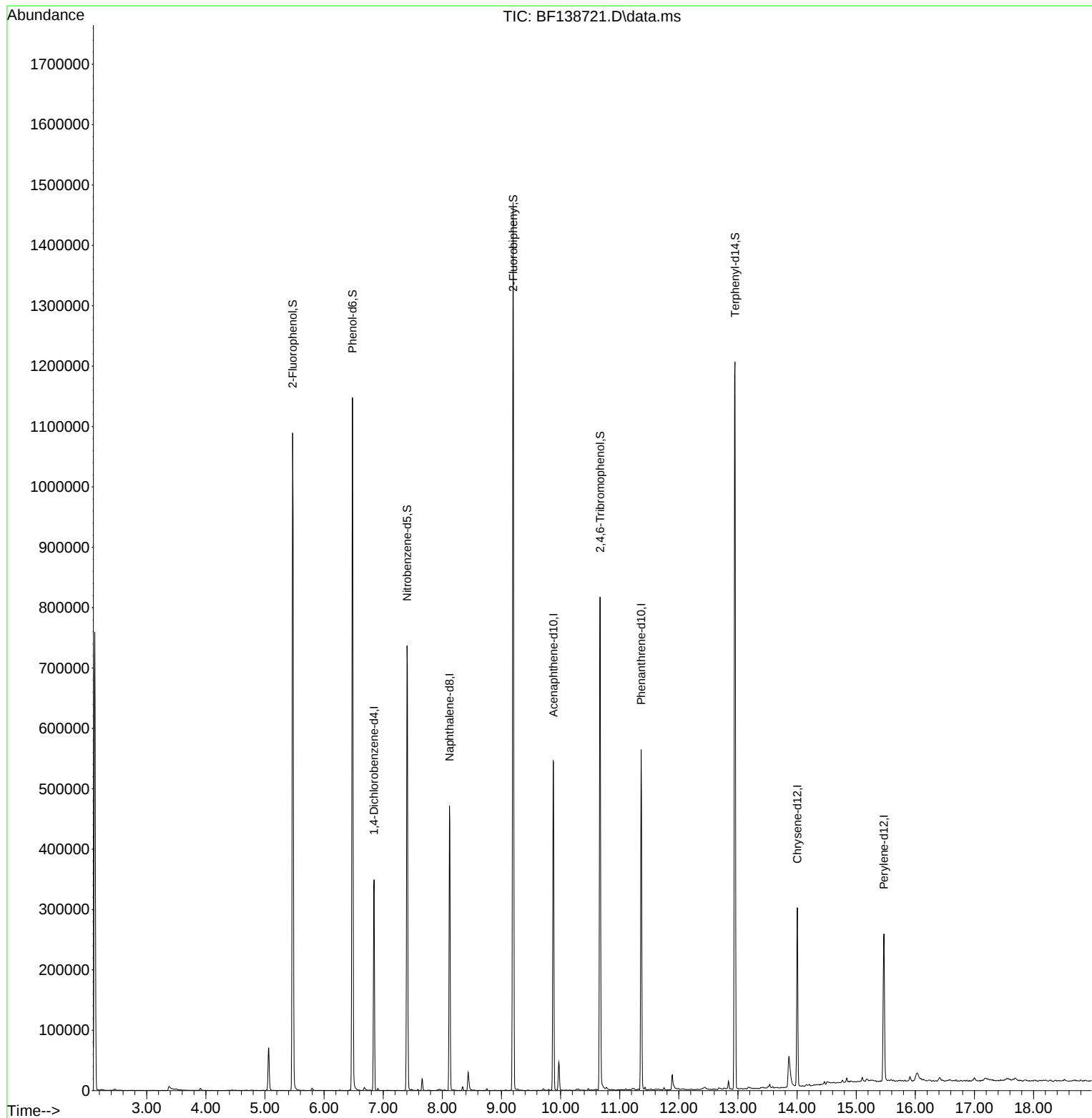
Target Compounds	Qvalue

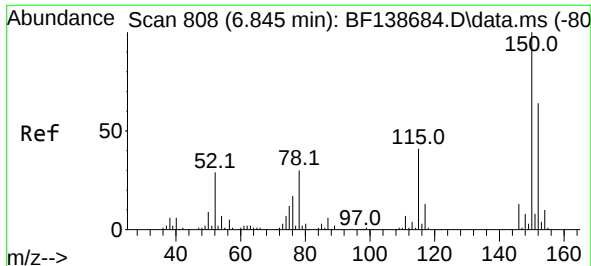
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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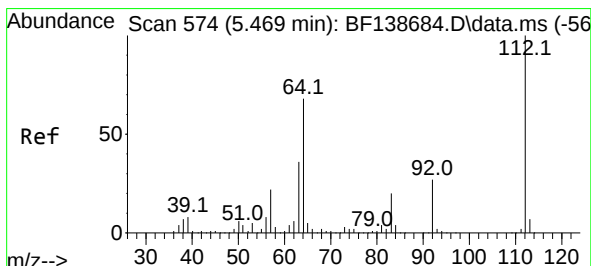
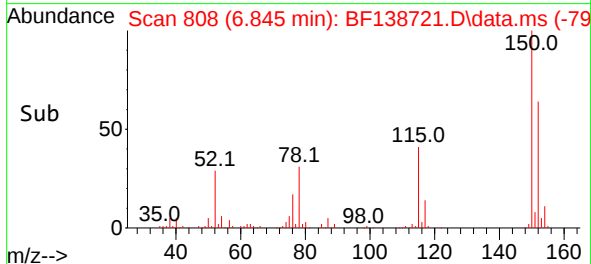
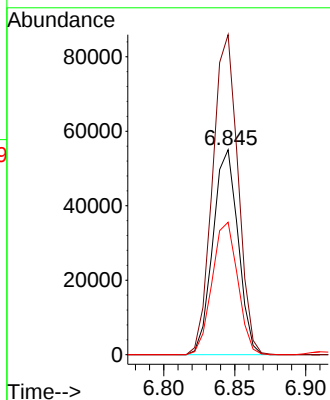
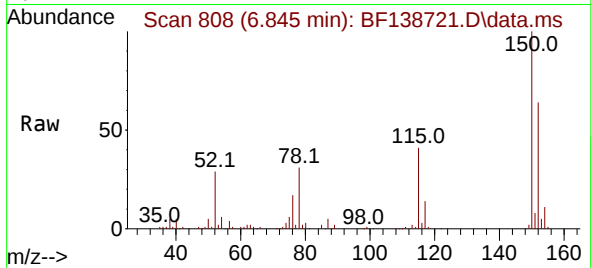




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.845 min Scan# 808
Delta R.T. 0.000 min
Lab File: BF138721.D
Acq: 01 Aug 2024 13:21

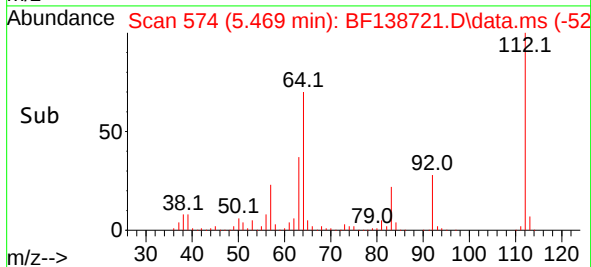
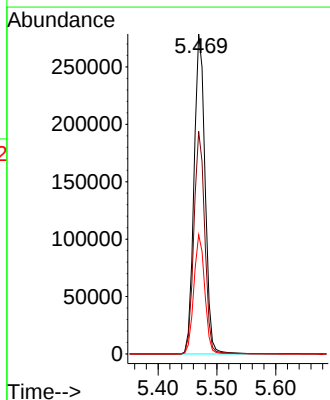
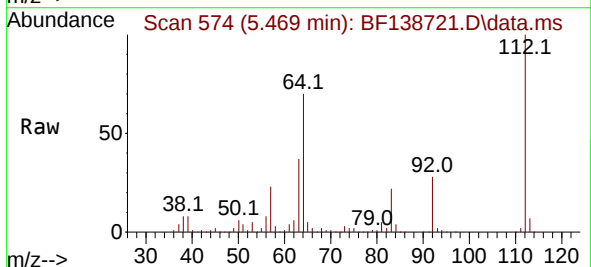
Instrument :
BNA_F
ClientSampleId :
OU4-PCS-03-072324

Tgt Ion:152 Resp: 67765
Ion Ratio Lower Upper
152 100
150 156.1 126.0 189.0
115 64.6 51.7 77.5



#5
2-Fluorophenol
Concen: 83.021 ng
RT: 5.469 min Scan# 574
Delta R.T. -0.000 min
Lab File: BF138721.D
Acq: 01 Aug 2024 13:21

Tgt Ion:112 Resp: 364455
Ion Ratio Lower Upper
112 100
64 69.6 54.2 81.4
63 37.2 28.7 43.1

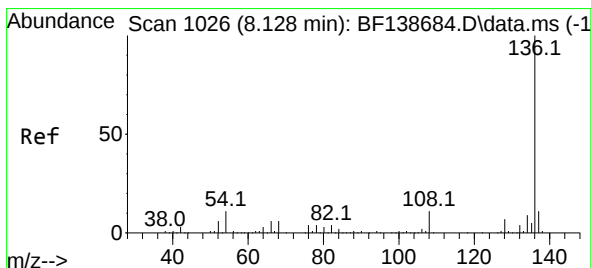
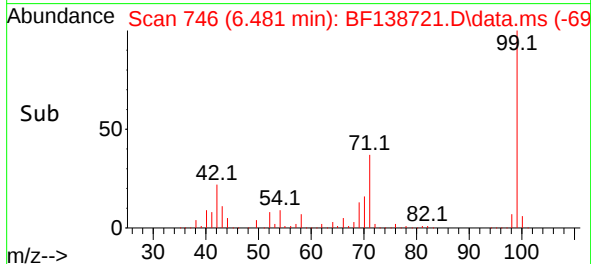
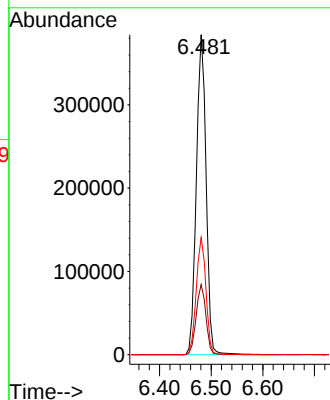
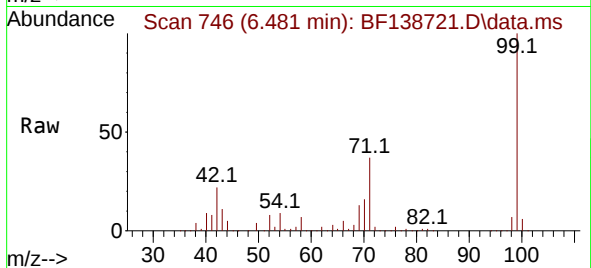




#7
Phenol-d6
Concen: 85.591 ng
RT: 6.481 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF138721.D
Acq: 01 Aug 2024 13:21

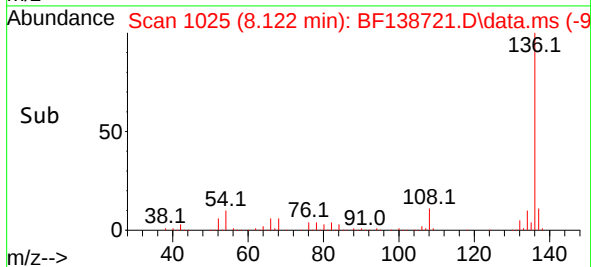
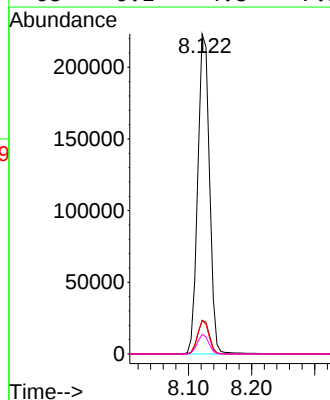
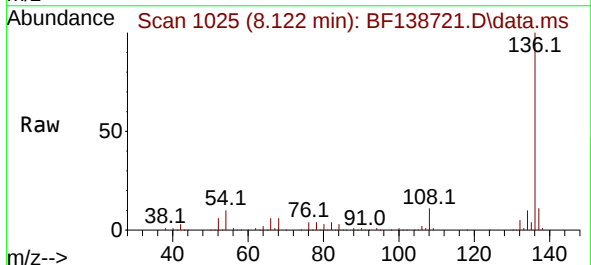
Instrument :
BNA_F
ClientSampleId :
OU4-PCS-03-072324

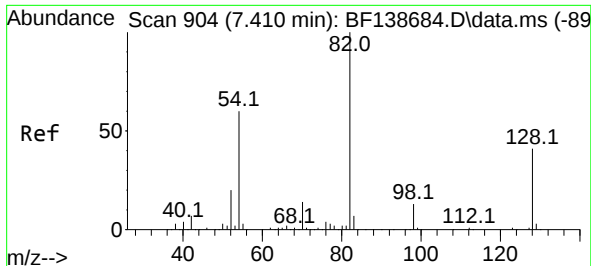
Tgt Ion: 99 Resp: 504468
Ion Ratio Lower Upper
99 100
42 21.9 17.4 26.0
71 36.6 28.1 42.1



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 1025
Delta R.T. -0.006 min
Lab File: BF138721.D
Acq: 01 Aug 2024 13:21

Tgt Ion: 136 Resp: 288171
Ion Ratio Lower Upper
136 100
137 10.6 8.9 13.3
54 10.4 8.6 12.8
68 6.1 4.8 7.2





#23

Nitrobenzene-d5

Concen: 55.280 ng

RT: 7.404 min Scan# 904

Delta R.T. -0.006 min

Lab File: BF138721.D

Acq: 01 Aug 2024 13:21

Instrument :

BNA_F

ClientSampleId :

OU4-PCS-03-072324

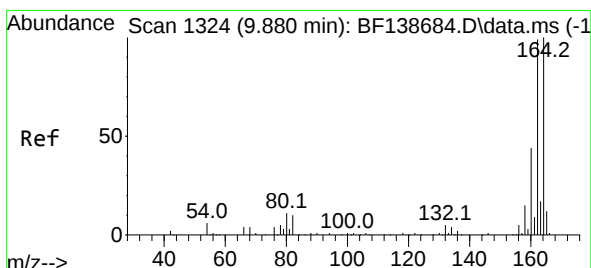
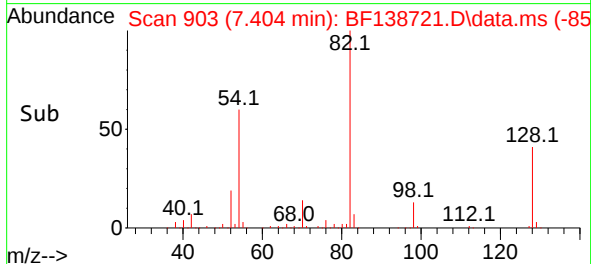
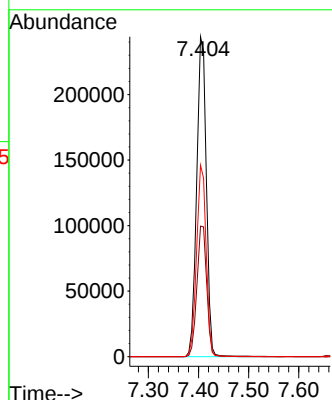
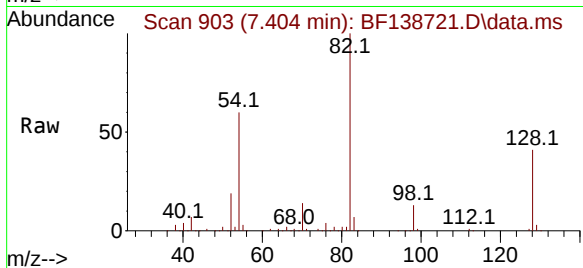
Tgt Ion: 82 Resp: 325828

Ion Ratio Lower Upper

82 100

128 40.8 32.8 49.2

54 59.8 48.3 72.5



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.880 min Scan# 1324

Delta R.T. 0.000 min

Lab File: BF138721.D

Acq: 01 Aug 2024 13:21

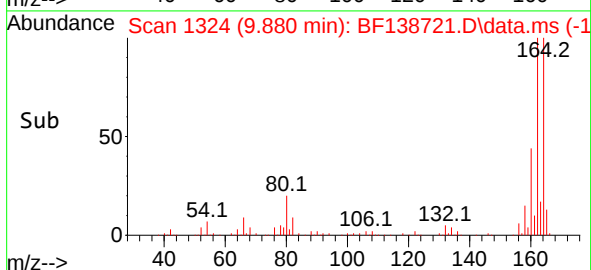
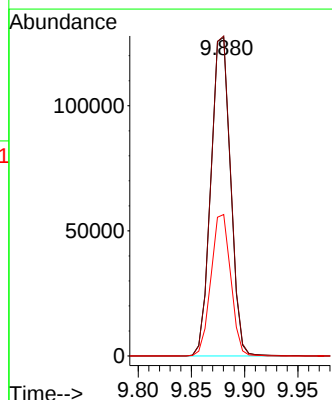
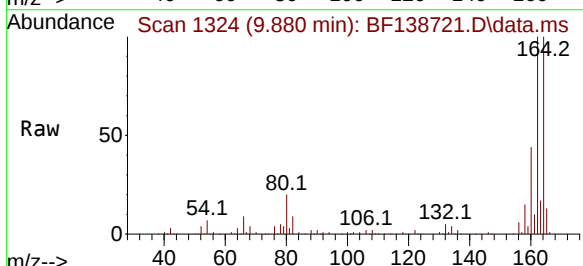
Tgt Ion:164 Resp: 163668

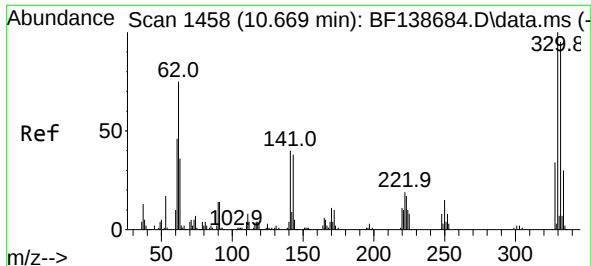
Ion Ratio Lower Upper

164 100

162 100.5 79.4 119.0

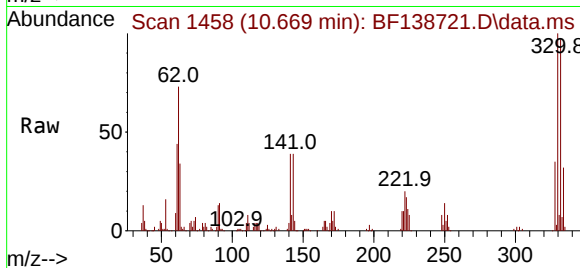
160 44.4 35.1 52.7



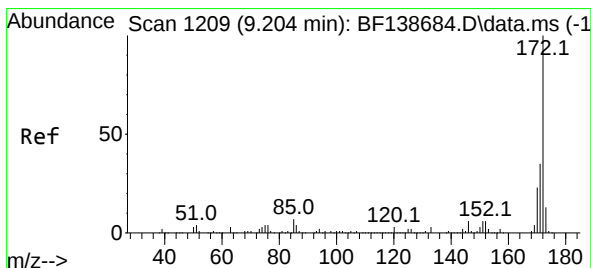
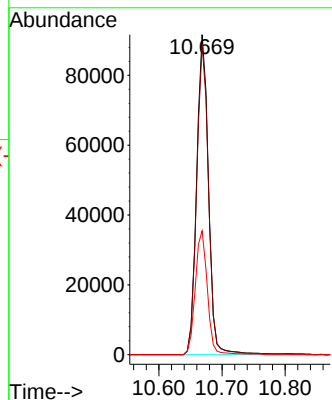
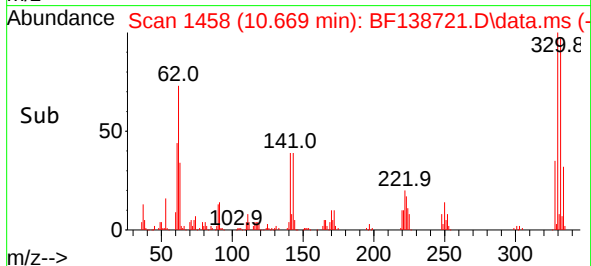


#42
2,4,6-Tribromophenol
Concen: 89.211 ng
RT: 10.669 min Scan# 1458
Delta R.T. -0.000 min
Lab File: BF138721.D
Acq: 01 Aug 2024 13:21

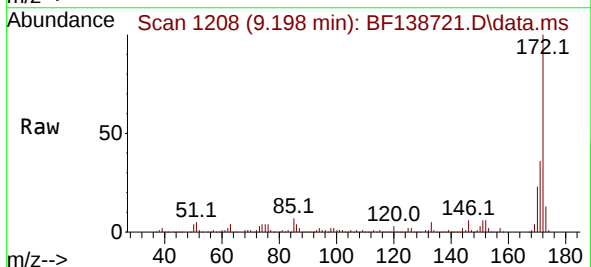
Instrument :
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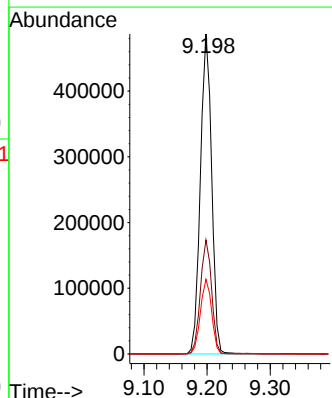
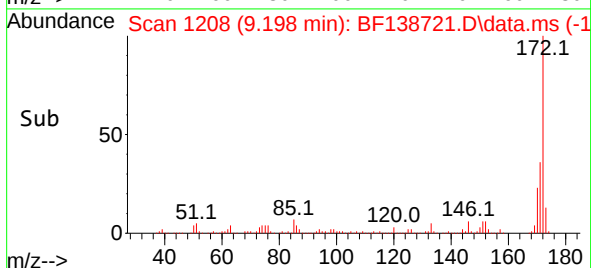
Tgt Ion:330 Resp: 119601
Ion Ratio Lower Upper
330 100
332 97.4 76.4 114.6
141 39.4 31.1 46.7

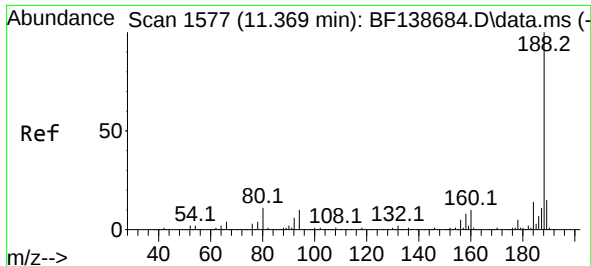


#45
2-Fluorobiphenyl
Concen: 55.327 ng
RT: 9.198 min Scan# 1208
Delta R.T. -0.006 min
Lab File: BF138721.D
Acq: 01 Aug 2024 13:21



Tgt Ion:172 Resp: 602676
Ion Ratio Lower Upper
172 100
171 35.7 28.3 42.5
170 23.3 18.8 28.2

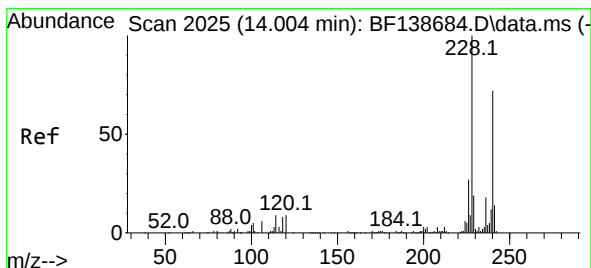
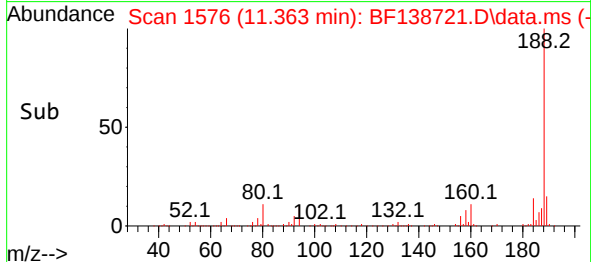
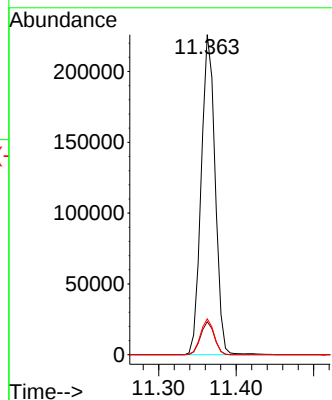
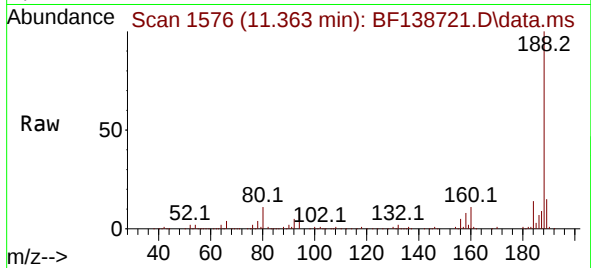




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.363 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF138721.D
Acq: 01 Aug 2024 13:21

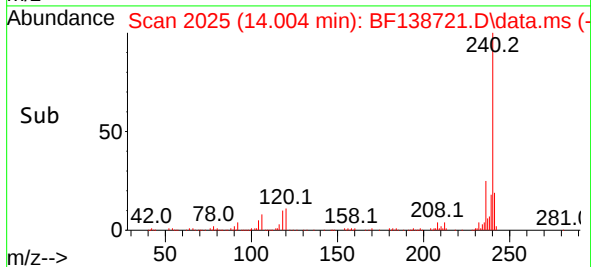
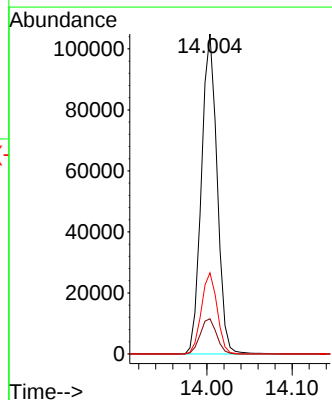
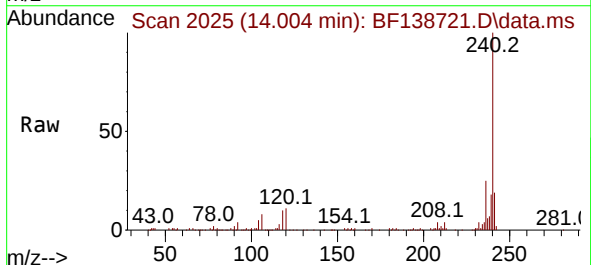
Instrument :
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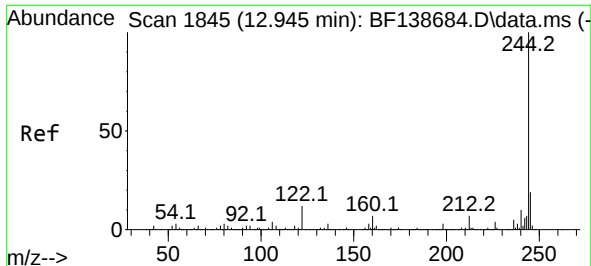
Tgt Ion:188 Resp: 281615
Ion Ratio Lower Upper
188 100
94 10.3 7.6 11.4
80 11.2 8.6 12.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.004 min Scan# 2025
Delta R.T. -0.000 min
Lab File: BF138721.D
Acq: 01 Aug 2024 13:21

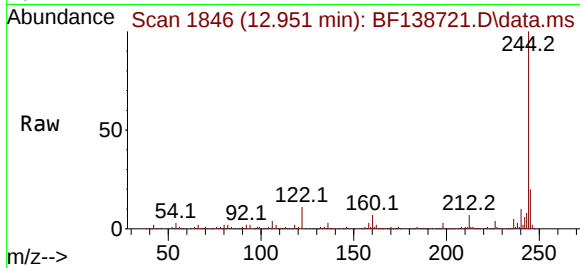
Tgt Ion:240 Resp: 134004
Ion Ratio Lower Upper
240 100
120 11.0 10.2 15.4
236 25.4 19.8 29.8





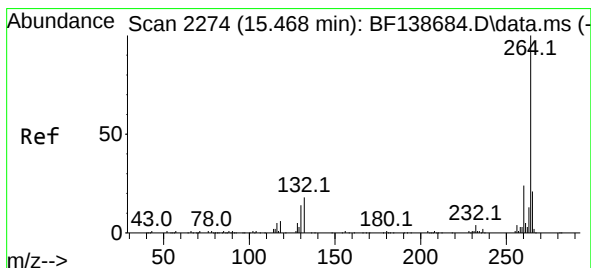
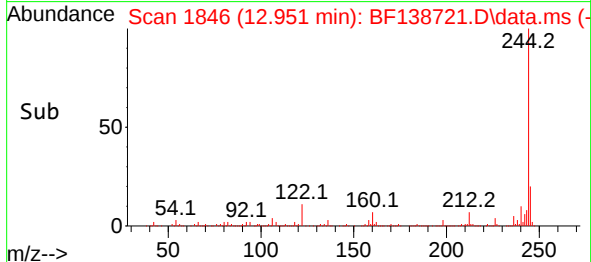
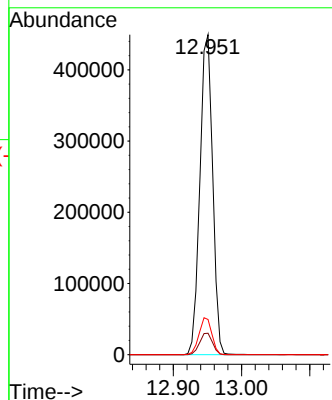
#79
 Terphenyl-d14
 Concen: 72.775 ng
 RT: 12.951 min Scan# 1846
 Delta R.T. 0.006 min
 Lab File: BF138721.D
 Acq: 01 Aug 2024 13:21

Instrument :
 BNA_F
 ClientSampleId :
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Tgt Ion:244 Resp: 582473

Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.4	8.2
122	11.0	9.6	14.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.468 min Scan# 2274
 Delta R.T. -0.000 min
 Lab File: BF138721.D
 Acq: 01 Aug 2024 13:21

Tgt Ion:264 Resp: 133387

Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.0	28.6
265	22.0	17.0	25.6

