

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081224\
 Data File : BF138934.D
 Acq On : 12 Aug 2024 15:15
 Operator : RC/JU
 Sample : P3512-02
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 931-K1-SD-0-0.5-080724

Quant Time: Aug 12 15:49:35 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	38066	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	151811	20.000	ng	-0.01
39) Acenaphthene-d10	9.869	164	83906	20.000	ng	-0.01
64) Phenanthrene-d10	11.357	188	135502	20.000	ng	-0.01
76) Chrysene-d12	13.998	240	58184	20.000	ng	# 0.00
86) Perylene-d12	15.462	264	71259	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	157223	63.757	ng	0.00
7) Phenol-d6	6.481	99	213464	64.475	ng	0.00
23) Nitrobenzene-d5	7.404	82	139286	44.858	ng	0.00
42) 2,4,6-Tribromophenol	10.663	330	41064	59.747	ng	0.00
45) 2-Fluorobiphenyl	9.192	172	225315	40.347	ng	-0.01
79) Terphenyl-d14	12.933	244	155591	44.772	ng	-0.01

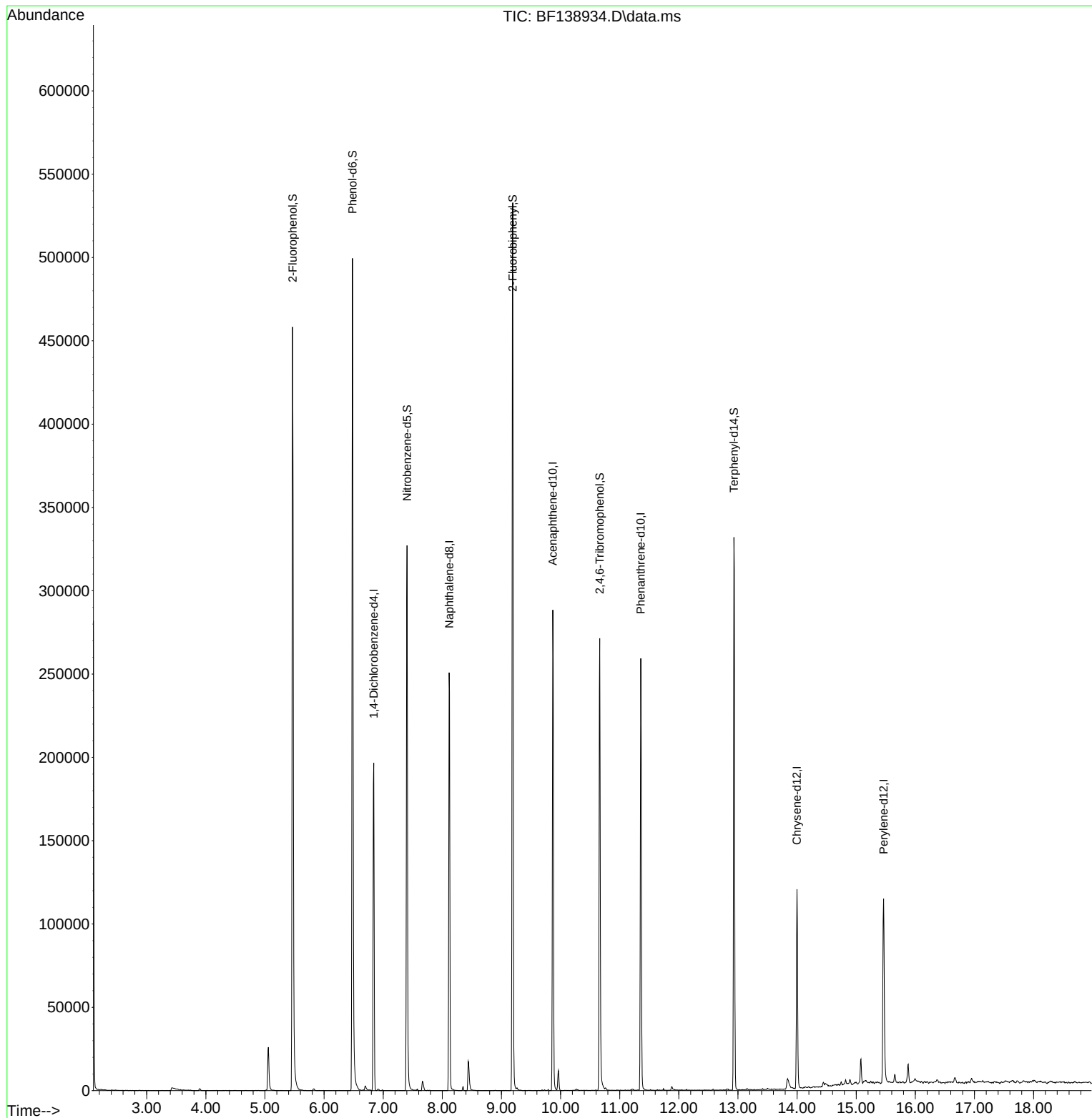
Target Compounds	Qvalue

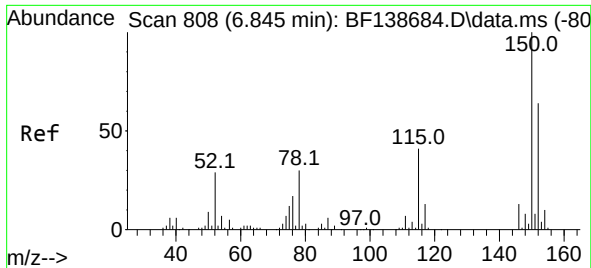
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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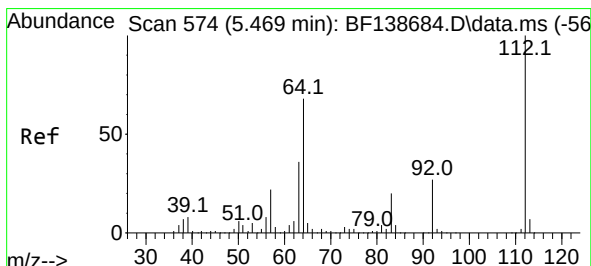
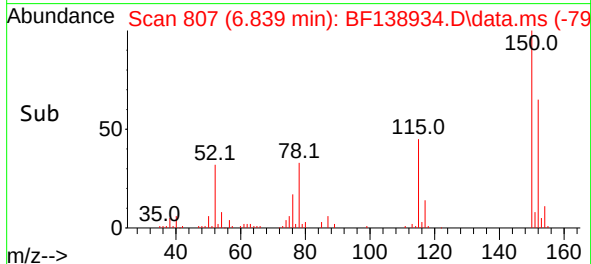
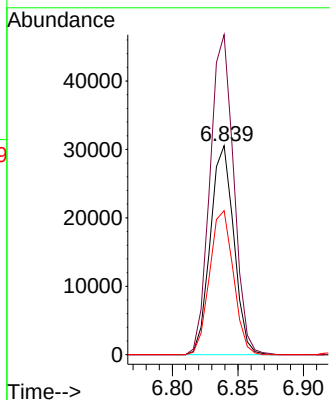
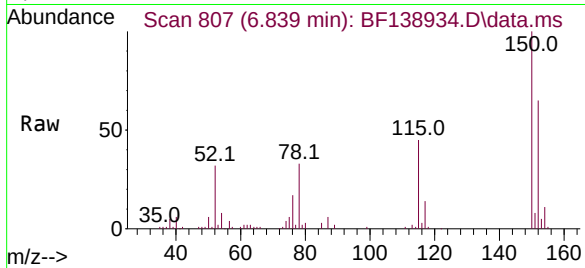




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.839 min Scan# 808
Delta R.T. -0.006 min
Lab File: BF138934.D
Acq: 12 Aug 2024 15:15

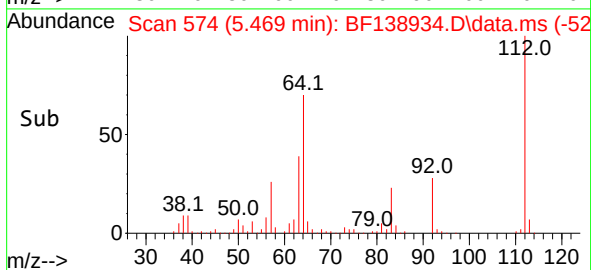
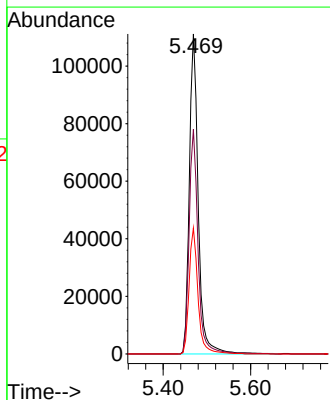
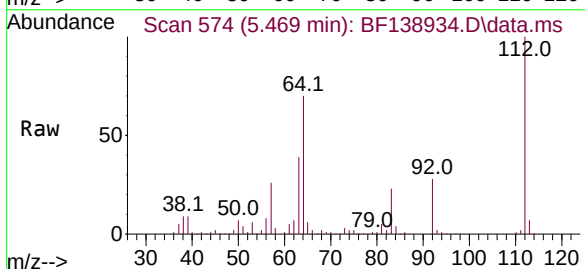
Instrument :
BNA_F
ClientSampleId :
931-K1-SD-0-0.5-080724

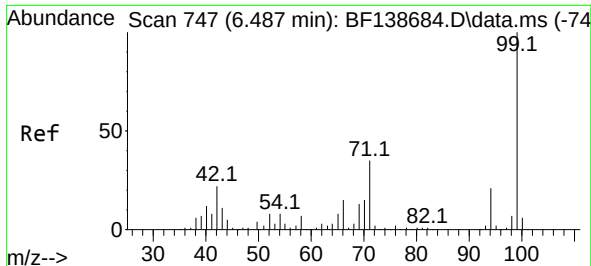
Tgt Ion:152 Resp: 38066
Ion Ratio Lower Upper
152 100
150 153.1 126.0 189.0
115 68.9 51.7 77.5



#5
2-Fluorophenol
Concen: 63.757 ng
RT: 5.469 min Scan# 574
Delta R.T. -0.000 min
Lab File: BF138934.D
Acq: 12 Aug 2024 15:15

Tgt Ion:112 Resp: 157223
Ion Ratio Lower Upper
112 100
64 70.2 54.2 81.4
63 39.4 28.7 43.1

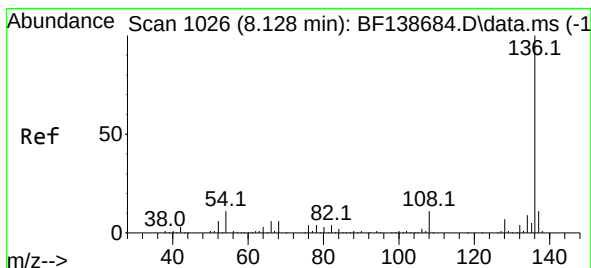
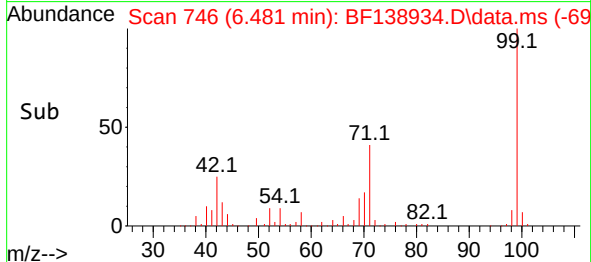
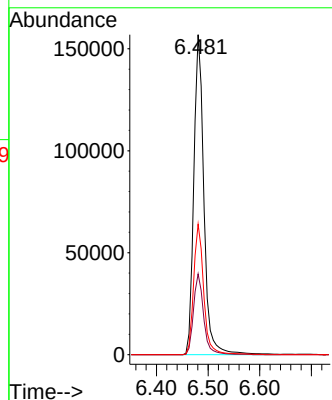
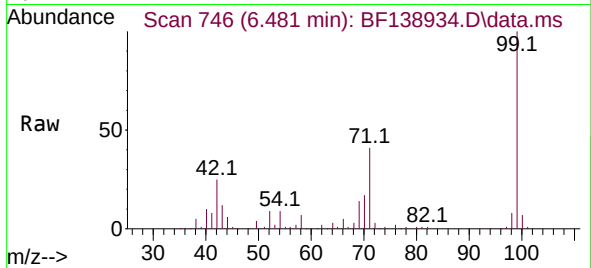




#7
Phenol-d6
Concen: 64.475 ng
RT: 6.481 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF138934.D
Acq: 12 Aug 2024 15:15

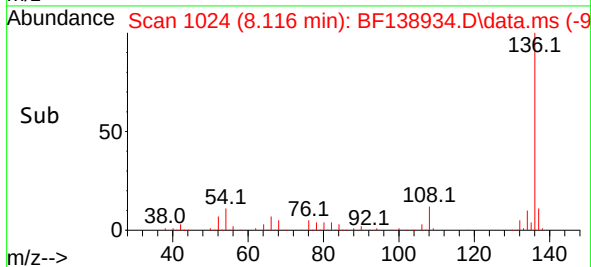
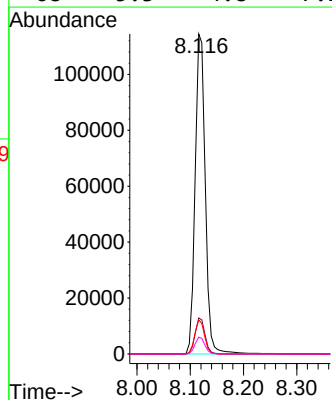
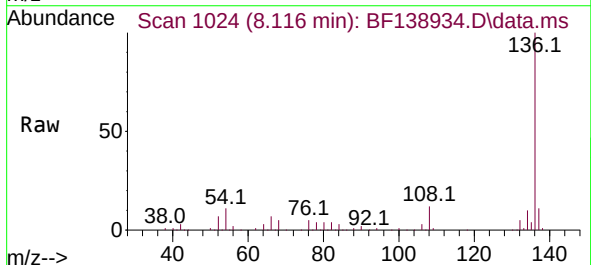
Instrument :
BNA_F
ClientSampleId :
931-K1-SD-0-0.5-080724

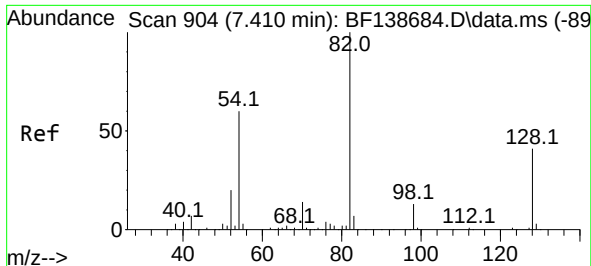
Tgt Ion: 99 Resp: 213464
Ion Ratio Lower Upper
99 100
42 25.3 17.4 26.0
71 40.8 28.1 42.1



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.116 min Scan# 1024
Delta R.T. -0.012 min
Lab File: BF138934.D
Acq: 12 Aug 2024 15:15

Tgt Ion: 136 Resp: 151811
Ion Ratio Lower Upper
136 100
137 11.2 8.9 13.3
54 10.6 8.6 12.8
68 5.3 4.8 7.2





#23

Nitrobenzene-d5

Concen: 44.858 ng

RT: 7.404 min Scan# 904

Delta R.T. -0.006 min

Lab File: BF138934.D

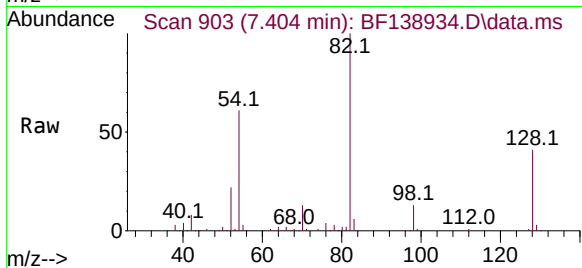
Acq: 12 Aug 2024 15:15

Instrument :

BNA_F

ClientSampleId :

931-K1-SD-0-0.5-080724



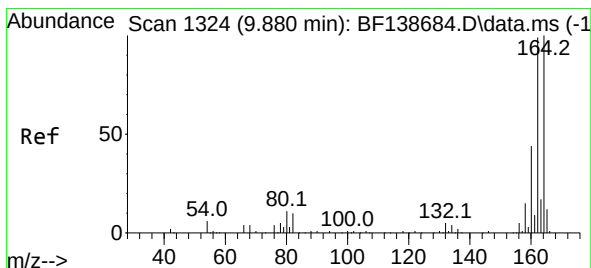
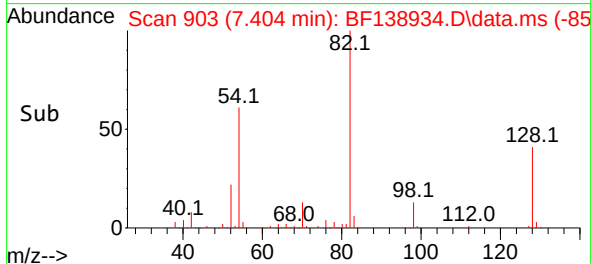
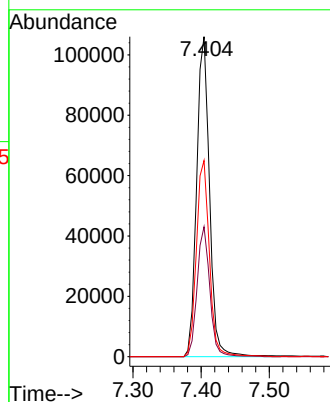
Tgt Ion: 82 Resp: 139286

Ion Ratio Lower Upper

82 100

128 40.6 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: BF138934.D

Acq: 12 Aug 2024 15:15

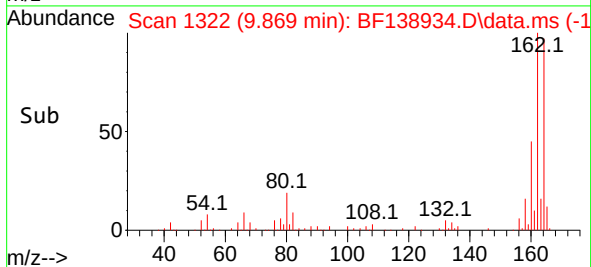
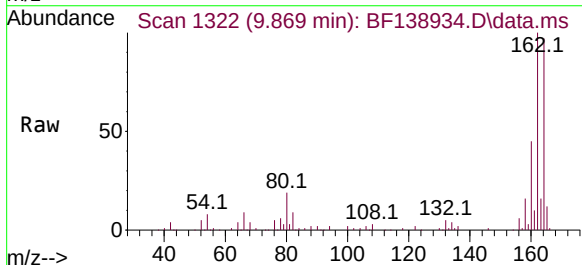
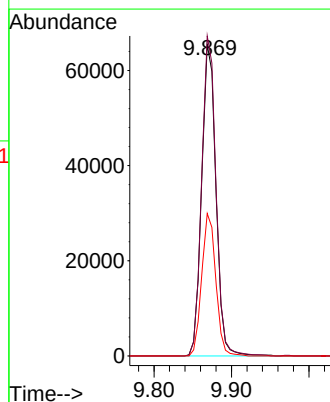
Tgt Ion: 164 Resp: 83906

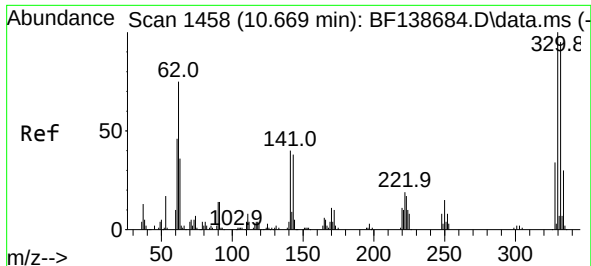
Ion Ratio Lower Upper

164 100

162 102.8 79.4 119.0

160 45.8 35.1 52.7

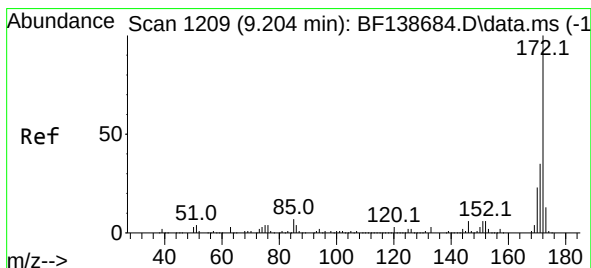
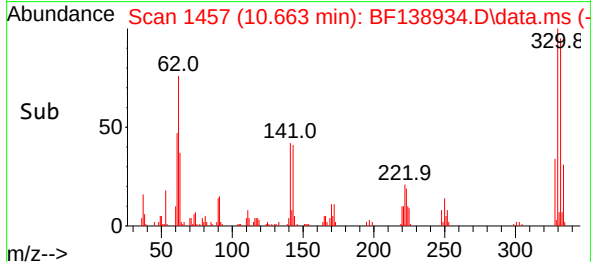
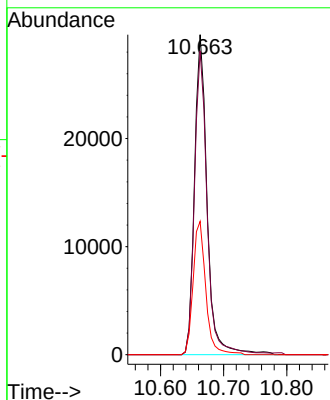
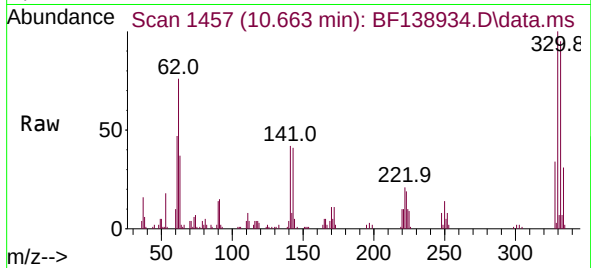




#42
2,4,6-Tribromophenol
Concen: 59.747 ng
RT: 10.663 min Scan# 1458
Delta R.T. -0.006 min
Lab File: BF138934.D
Acq: 12 Aug 2024 15:15

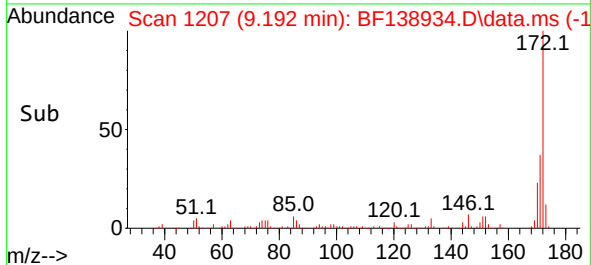
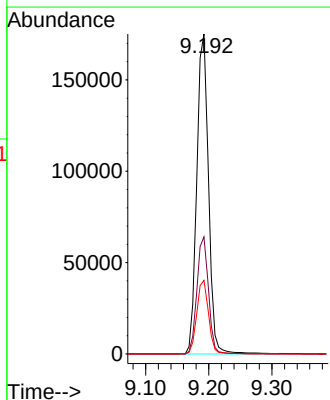
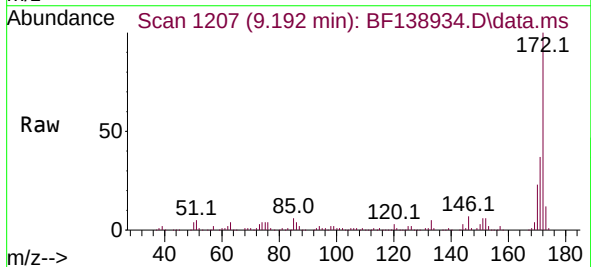
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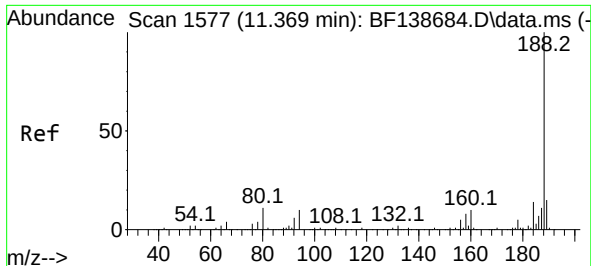
Tgt Ion: 330 Resp: 41064
Ion Ratio Lower Upper
330 100
332 95.2 76.4 114.6
141 41.9 31.1 46.7



#45
2-Fluorobiphenyl
Concen: 40.347 ng
RT: 9.192 min Scan# 1207
Delta R.T. -0.012 min
Lab File: BF138934.D
Acq: 12 Aug 2024 15:15

Tgt Ion: 172 Resp: 225315
Ion Ratio Lower Upper
172 100
171 36.6 28.3 42.5
170 23.0 18.8 28.2

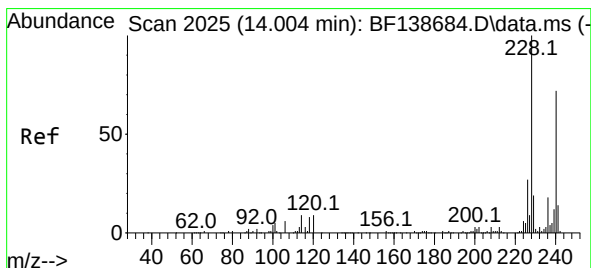
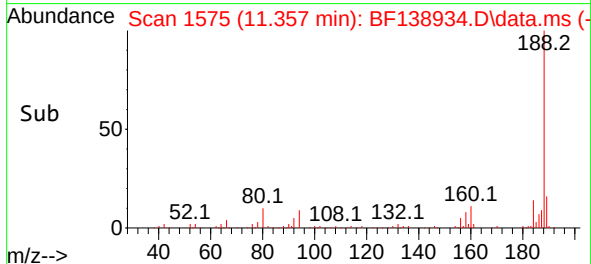
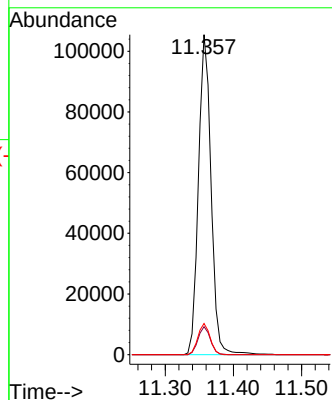
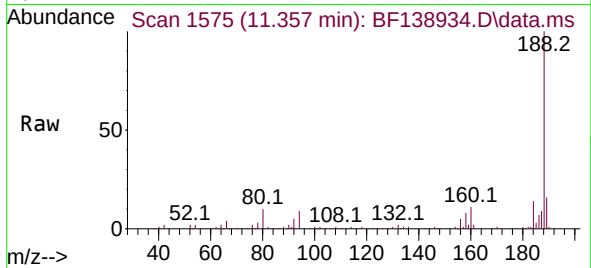




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.357 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF138934.D
Acq: 12 Aug 2024 15:15

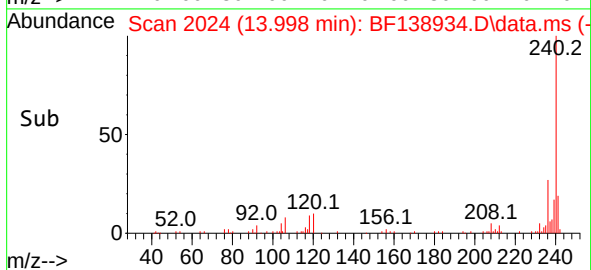
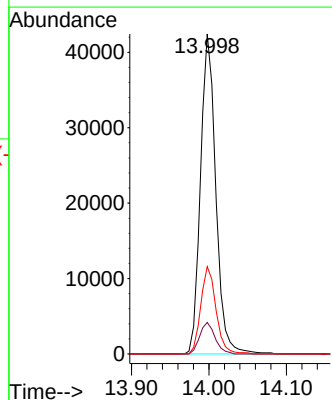
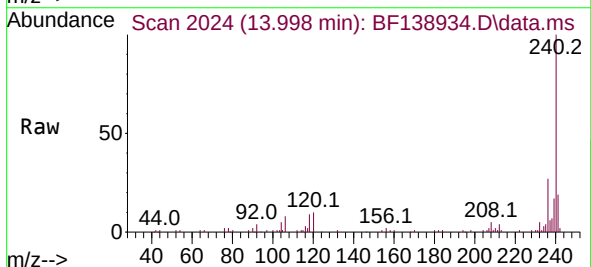
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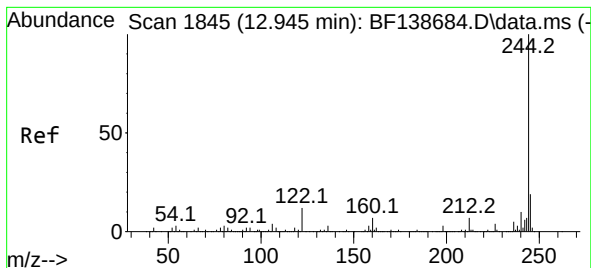
Tgt Ion:188 Resp: 135502
Ion Ratio Lower Upper
188 100
94 8.8 7.6 11.4
80 9.7 8.6 12.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.998 min Scan# 2024
Delta R.T. -0.006 min
Lab File: BF138934.D
Acq: 12 Aug 2024 15:15

Tgt Ion:240 Resp: 58184
Ion Ratio Lower Upper
240 100
120 9.9 10.2 15.4#
236 27.3 19.8 29.8





#79

Terphenyl-d14

Concen: 44.772 ng

RT: 12.933 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF138934.D

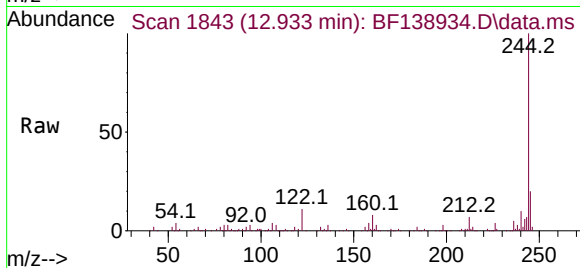
Acq: 12 Aug 2024 15:15

Instrument :

BNA_F

ClientSampleId :

931-K1-SD-0-0.5-080724



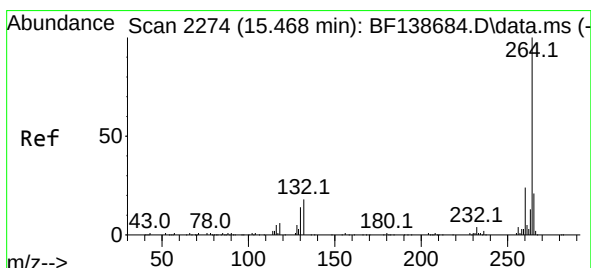
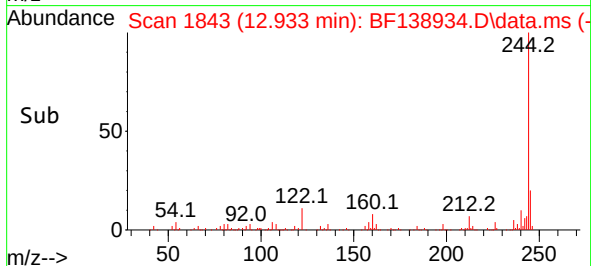
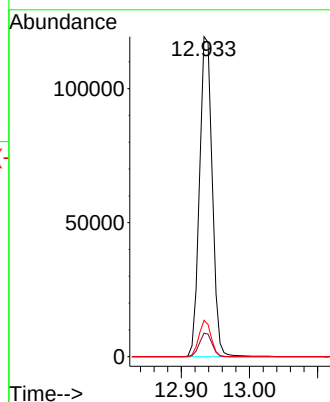
Tgt Ion:244 Resp: 155591

Ion Ratio Lower Upper

244 100

212 7.4 5.4 8.2

122 11.4 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: BF138934.D

Acq: 12 Aug 2024 15:15

Tgt Ion:264 Resp: 71259

Ion Ratio Lower Upper

264 100

260 23.4 19.0 28.6

265 21.8 17.0 25.6

