

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081224\
 Data File : BF138933.D
 Acq On : 12 Aug 2024 14:44
 Operator : RC/JU
 Sample : P3512-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

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

Quant Time: Aug 12 15:07:42 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	38582	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	159332	20.000	ng	-0.01
39) Acenaphthene-d10	9.869	164	84810	20.000	ng	-0.01
64) Phenanthrene-d10	11.357	188	133734	20.000	ng	-0.01
76) Chrysene-d12	13.998	240	59521	20.000	ng	0.00
86) Perylene-d12	15.463	264	74605	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	132056	52.835	ng	0.00
7) Phenol-d6	6.481	99	197087	58.732	ng	0.00
23) Nitrobenzene-d5	7.404	82	112231	34.438	ng	0.00
42) 2,4,6-Tribromophenol	10.663	330	40470	58.255	ng	0.00
45) 2-Fluorobiphenyl	9.192	172	166042	29.416	ng	-0.01
79) Terphenyl-d14	12.939	244	99170	27.896	ng	0.00

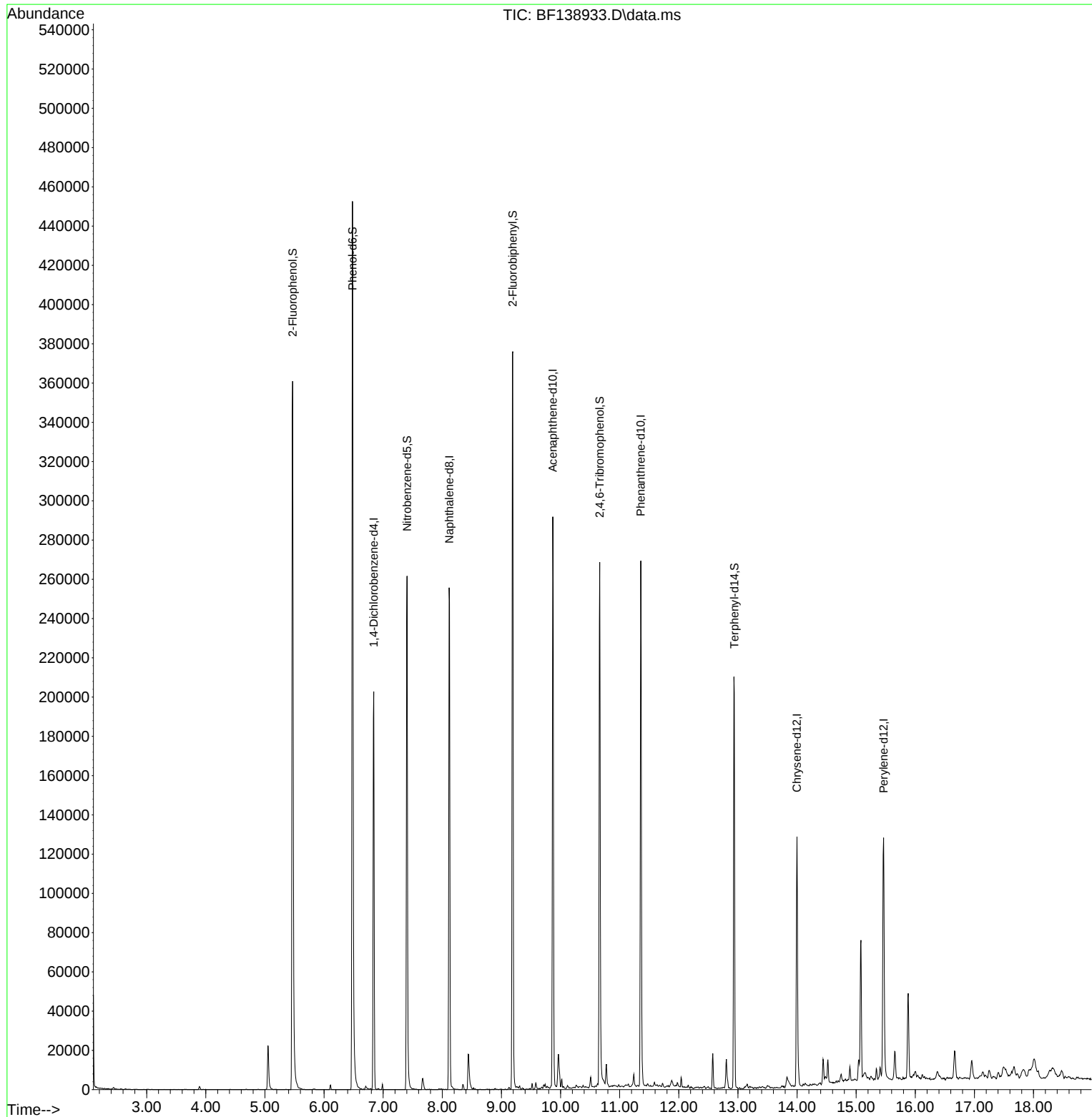
Target Compounds	Qvalue

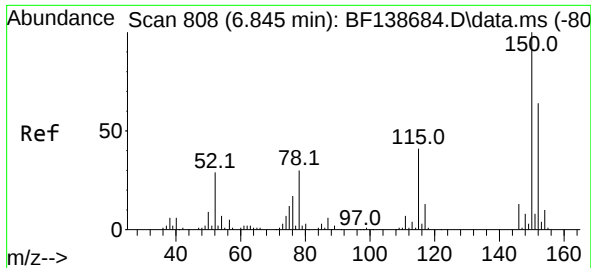
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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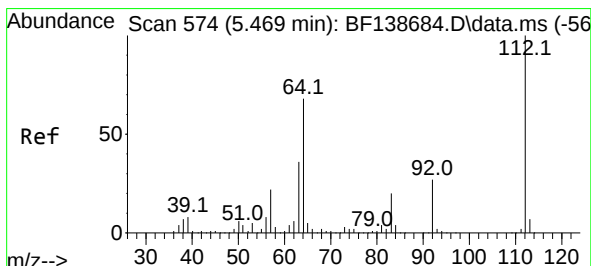
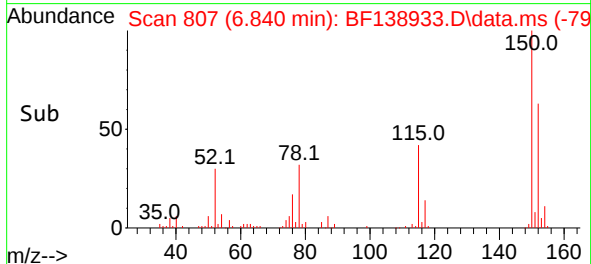
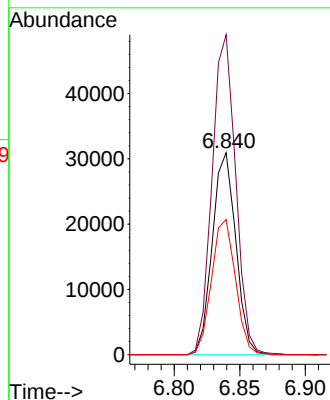
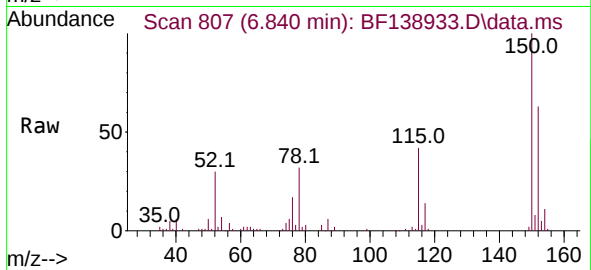




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.840 min Scan# 808
 Delta R.T. -0.005 min
 Lab File: BF138933.D
 Acq: 12 Aug 2024 14:44

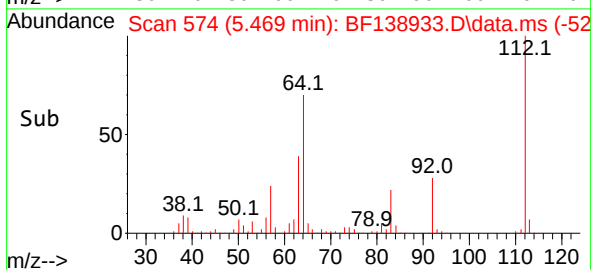
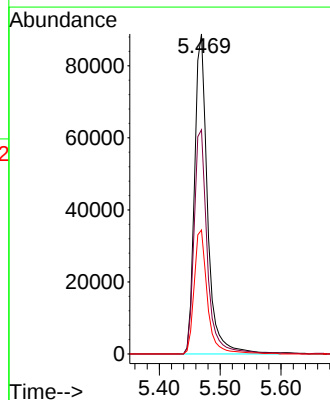
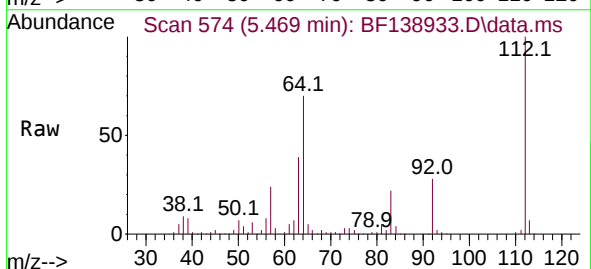
Instrument :
 BNA_F
 ClientSampleId :
 927-K1-SD-0-0.5-080724

Tgt Ion:152 Resp: 38582
 Ion Ratio Lower Upper
 152 100
 150 158.4 126.0 189.0
 115 66.9 51.7 77.5



#5
 2-Fluorophenol
 Concen: 52.835 ng
 RT: 5.469 min Scan# 574
 Delta R.T. 0.000 min
 Lab File: BF138933.D
 Acq: 12 Aug 2024 14:44

Tgt Ion:112 Resp: 132056
 Ion Ratio Lower Upper
 112 100
 64 70.1 54.2 81.4
 63 38.8 28.7 43.1

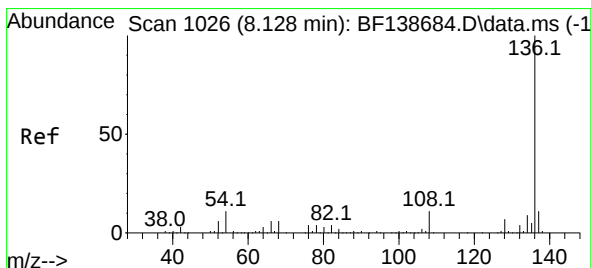
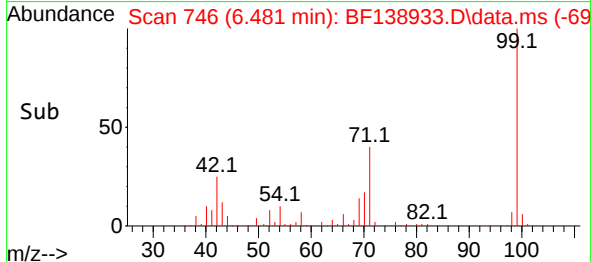
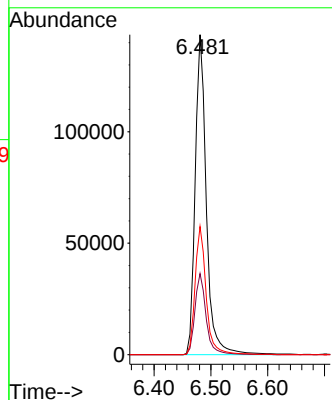
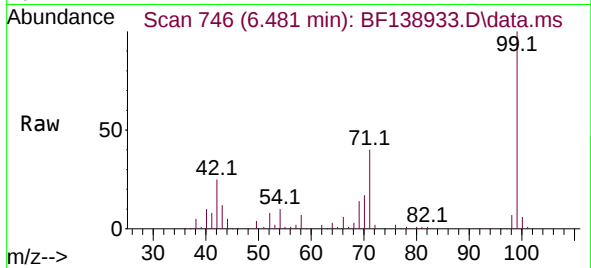




#7
Phenol-d6
Concen: 58.732 ng
RT: 6.481 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF138933.D
Acq: 12 Aug 2024 14:44

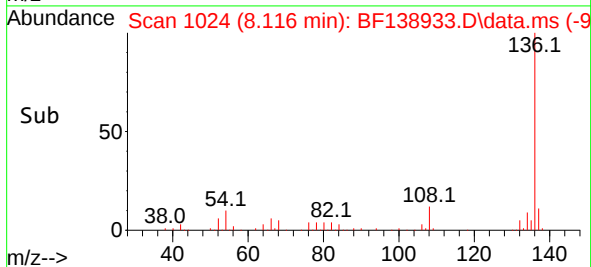
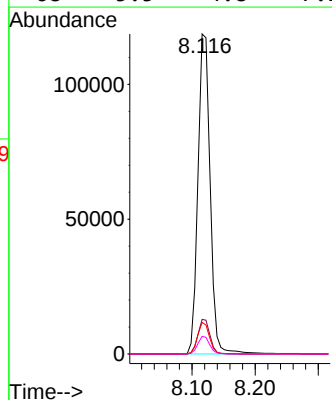
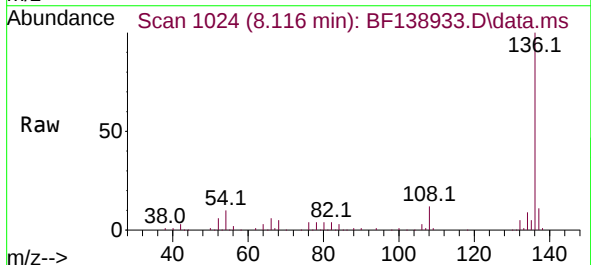
Instrument :
BNA_F
ClientSampleId :
927-K1-SD-0-0.5-080724

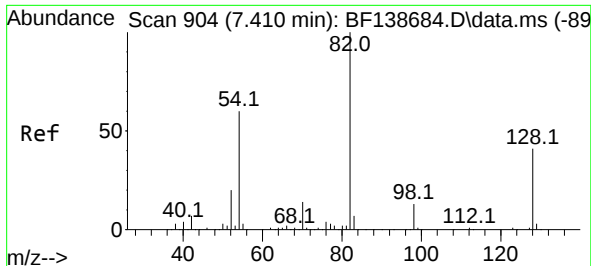
Tgt Ion: 99 Resp: 197087
Ion Ratio Lower Upper
99 100
42 25.3 17.4 26.0
71 40.1 28.1 42.1



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.116 min Scan# 1024
Delta R.T. -0.012 min
Lab File: BF138933.D
Acq: 12 Aug 2024 14:44

Tgt Ion: 136 Resp: 159332
Ion Ratio Lower Upper
136 100
137 10.8 8.9 13.3
54 9.9 8.6 12.8
68 5.5 4.8 7.2





#23

Nitrobenzene-d5

Concen: 34.438 ng

RT: 7.404 min Scan# 904

Delta R.T. -0.006 min

Lab File: BF138933.D

Acq: 12 Aug 2024 14:44

Instrument :

BNA_F

ClientSampleId :

927-K1-SD-0-0.5-080724

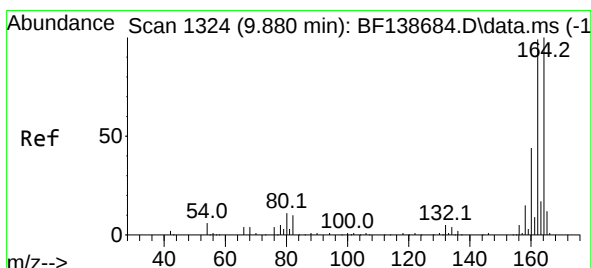
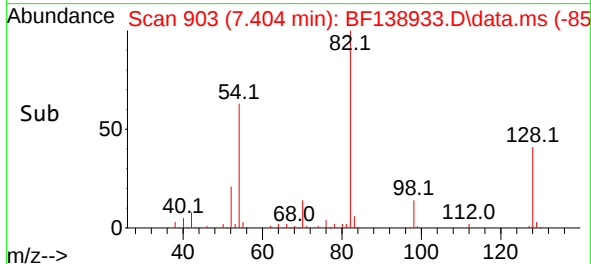
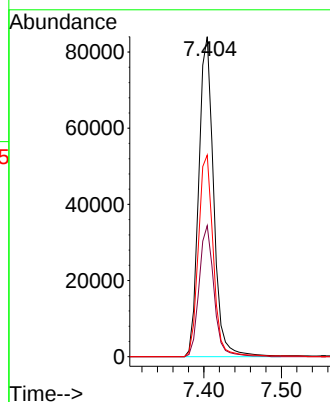
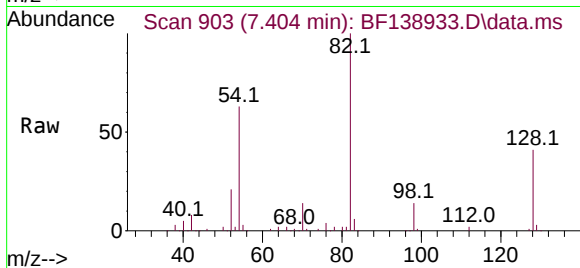
Tgt Ion: 82 Resp: 112231

Ion Ratio Lower Upper

82 100

128 41.0 32.8 49.2

54 63.0 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: BF138933.D

Acq: 12 Aug 2024 14:44

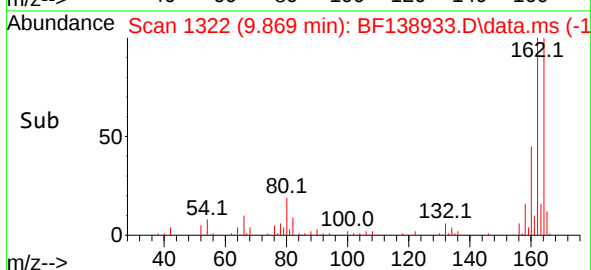
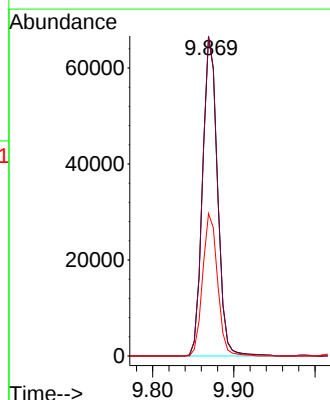
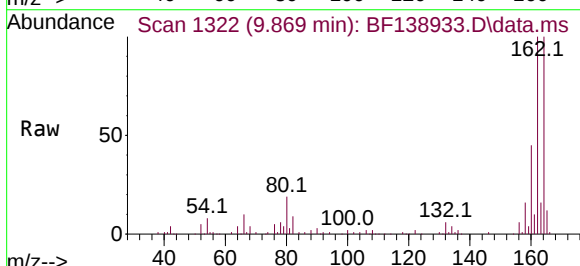
Tgt Ion:164 Resp: 84810

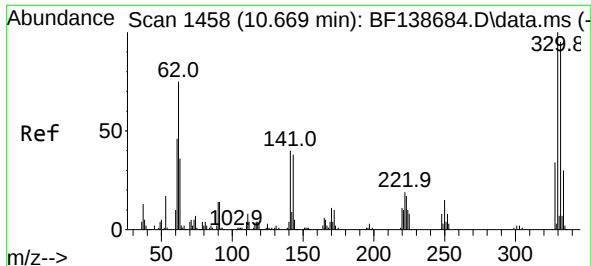
Ion Ratio Lower Upper

164 100

162 99.8 79.4 119.0

160 44.5 35.1 52.7





#42

2,4,6-Tribromophenol

Concen: 58.255 ng

RT: 10.663 min Scan# 1458

Delta R.T. -0.006 min

Lab File: BF138933.D

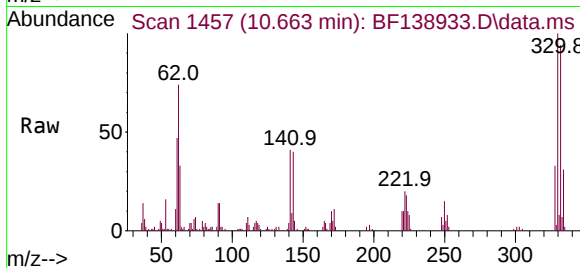
Acq: 12 Aug 2024 14:44

Instrument :

BNA_F

ClientSampleId :

927-K1-SD-0-0.5-080724



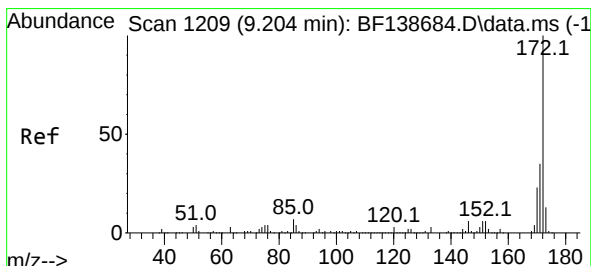
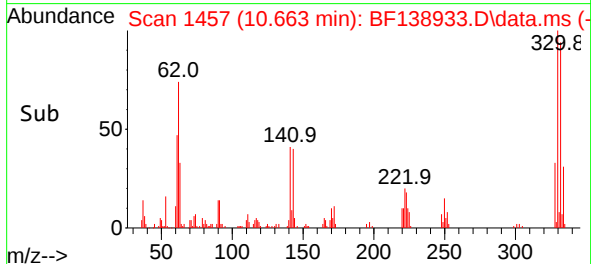
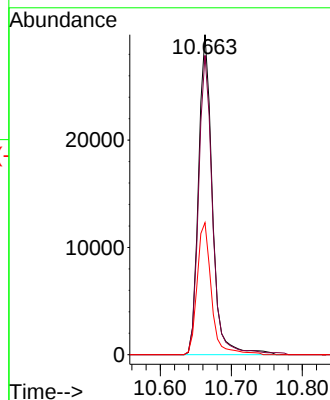
Tgt Ion:330 Resp: 40470

Ion Ratio Lower Upper

330 100

332 94.6 76.4 114.6

141 42.7 31.1 46.7



#45

2-Fluorobiphenyl

Concen: 29.416 ng

RT: 9.192 min Scan# 1207

Delta R.T. -0.012 min

Lab File: BF138933.D

Acq: 12 Aug 2024 14:44

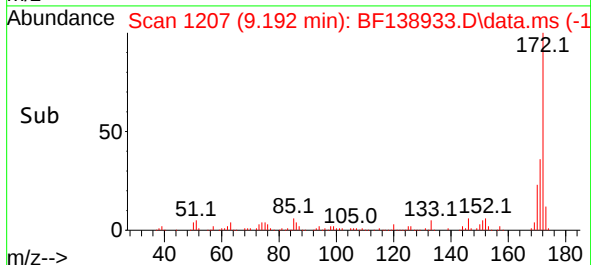
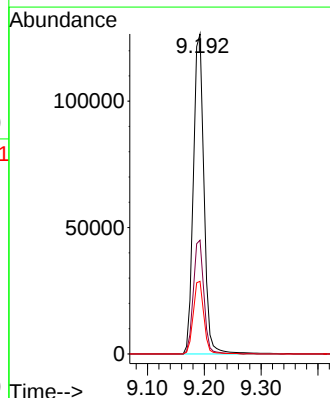
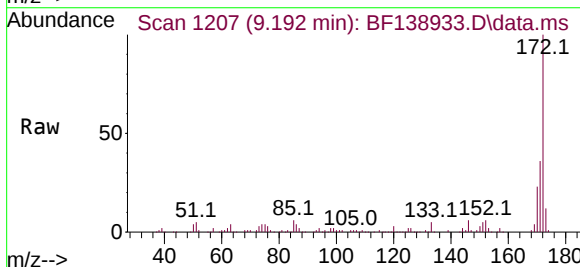
Tgt Ion:172 Resp: 166042

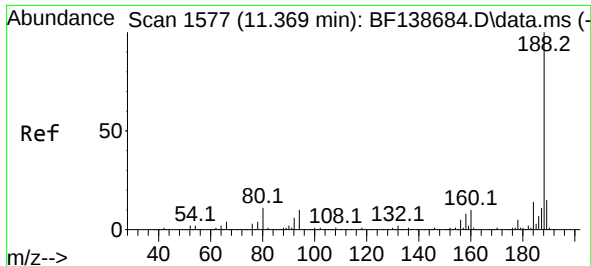
Ion Ratio Lower Upper

172 100

171 35.6 28.3 42.5

170 22.7 18.8 28.2

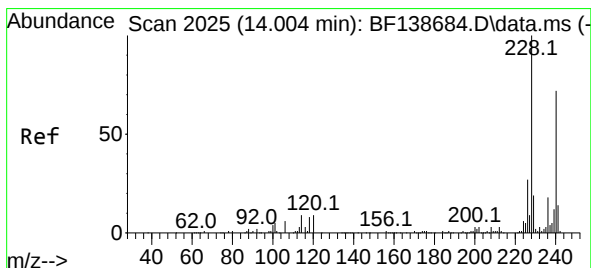
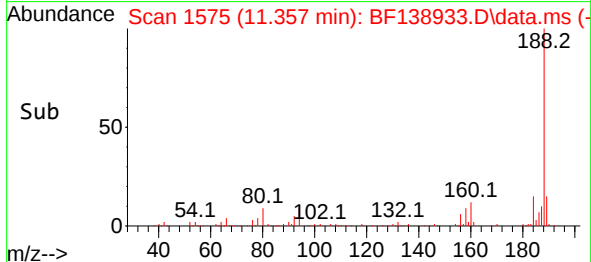
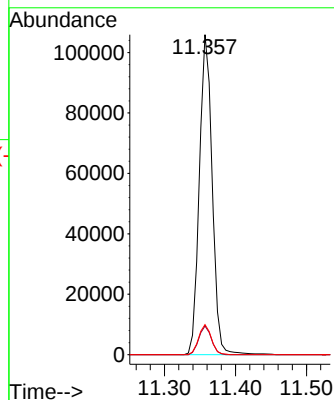
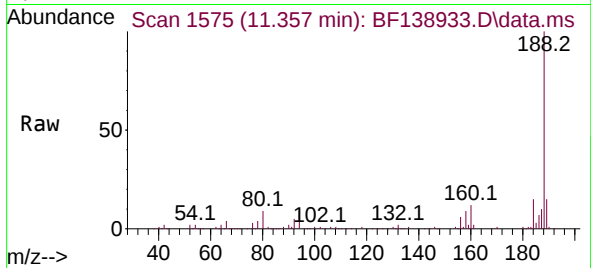




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.357 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF138933.D
Acq: 12 Aug 2024 14:44

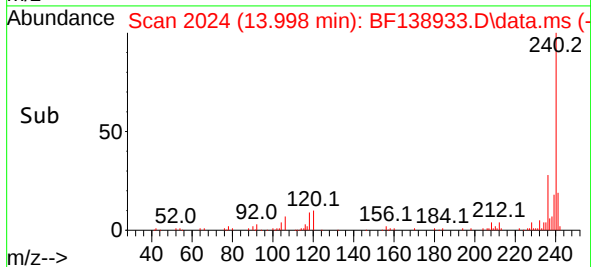
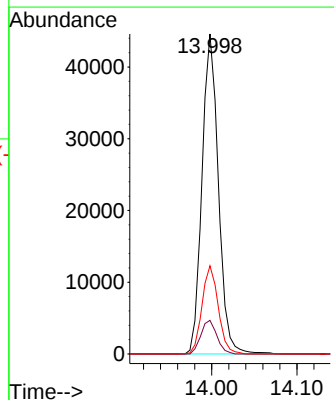
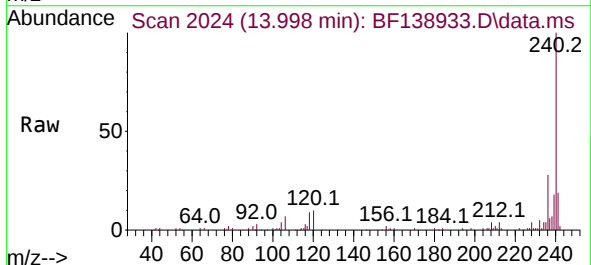
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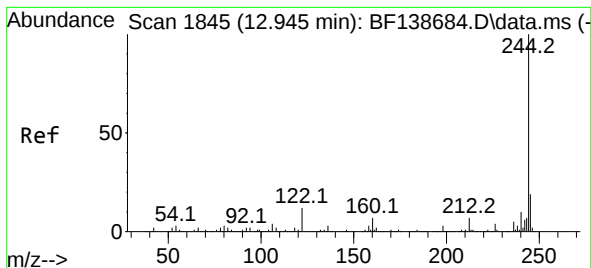
Tgt Ion:188 Resp: 133734
Ion Ratio Lower Upper
188 100
94 8.9 7.6 11.4
80 9.4 8.6 12.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.998 min Scan# 2024
Delta R.T. -0.006 min
Lab File: BF138933.D
Acq: 12 Aug 2024 14:44

Tgt Ion:240 Resp: 59521
Ion Ratio Lower Upper
240 100
120 10.5 10.2 15.4
236 27.6 19.8 29.8





#79

Terphenyl-d14

Concen: 27.896 ng

RT: 12.939 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF138933.D

Acq: 12 Aug 2024 14:44

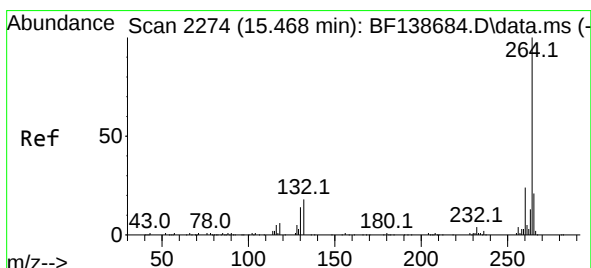
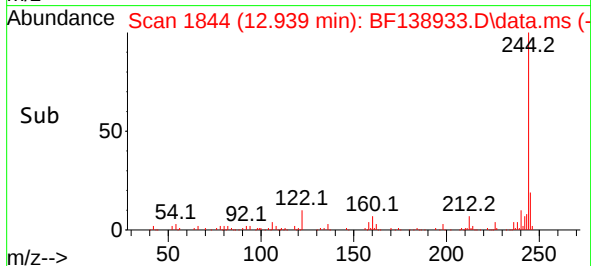
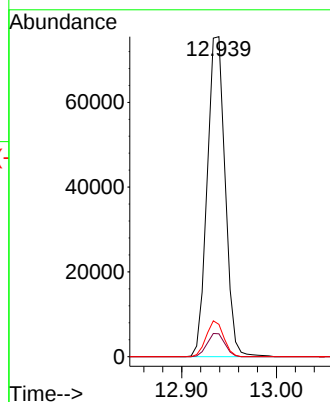
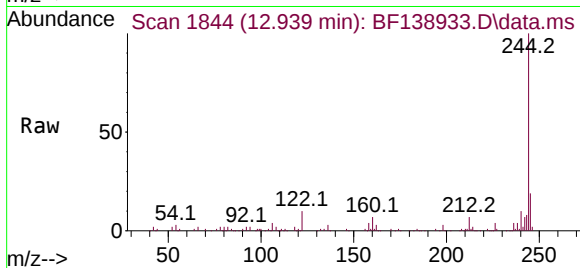
Instrument :

BNA_F

ClientSampleId :

927-K1-SD-0-0.5-080724

Tgt Ion:244	Resp:	99170
Ion Ratio	Lower	Upper
244	100	
212	7.2	5.4 8.2
122	10.1	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: BF138933.D

Acq: 12 Aug 2024 14:44

Tgt Ion:264	Resp:	74605
Ion Ratio	Lower	Upper
264	100	
260	23.7	19.0 28.6
265	21.6	17.0 25.6

