

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062524\
 Data File : BF138336.D
 Acq On : 25 Jun 2024 16:06
 Operator : CG\JU
 Sample : P3021-03
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ARS20-008

Quant Time: Jun 25 16:27:24 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061224.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 13 01:52:47 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	221991	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	883805	20.000	ng	-0.01
39) Acenaphthene-d10	9.922	164	516731	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	995052	20.000	ng	-0.01
76) Chrysene-d12	14.045	240	596115	20.000	ng	0.00
86) Perylene-d12	15.521	264	551771	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	1536780	115.805	ng	0.01
7) Phenol-d6	6.516	99	1797013	106.791	ng	0.00
23) Nitrobenzene-d5	7.445	82	1300667	85.675	ng	-0.01
42) 2,4,6-Tribromophenol	10.710	330	784506	152.504	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	2541435	78.208	ng	0.00
79) Terphenyl-d14	12.998	244	3456099	91.826	ng	0.00

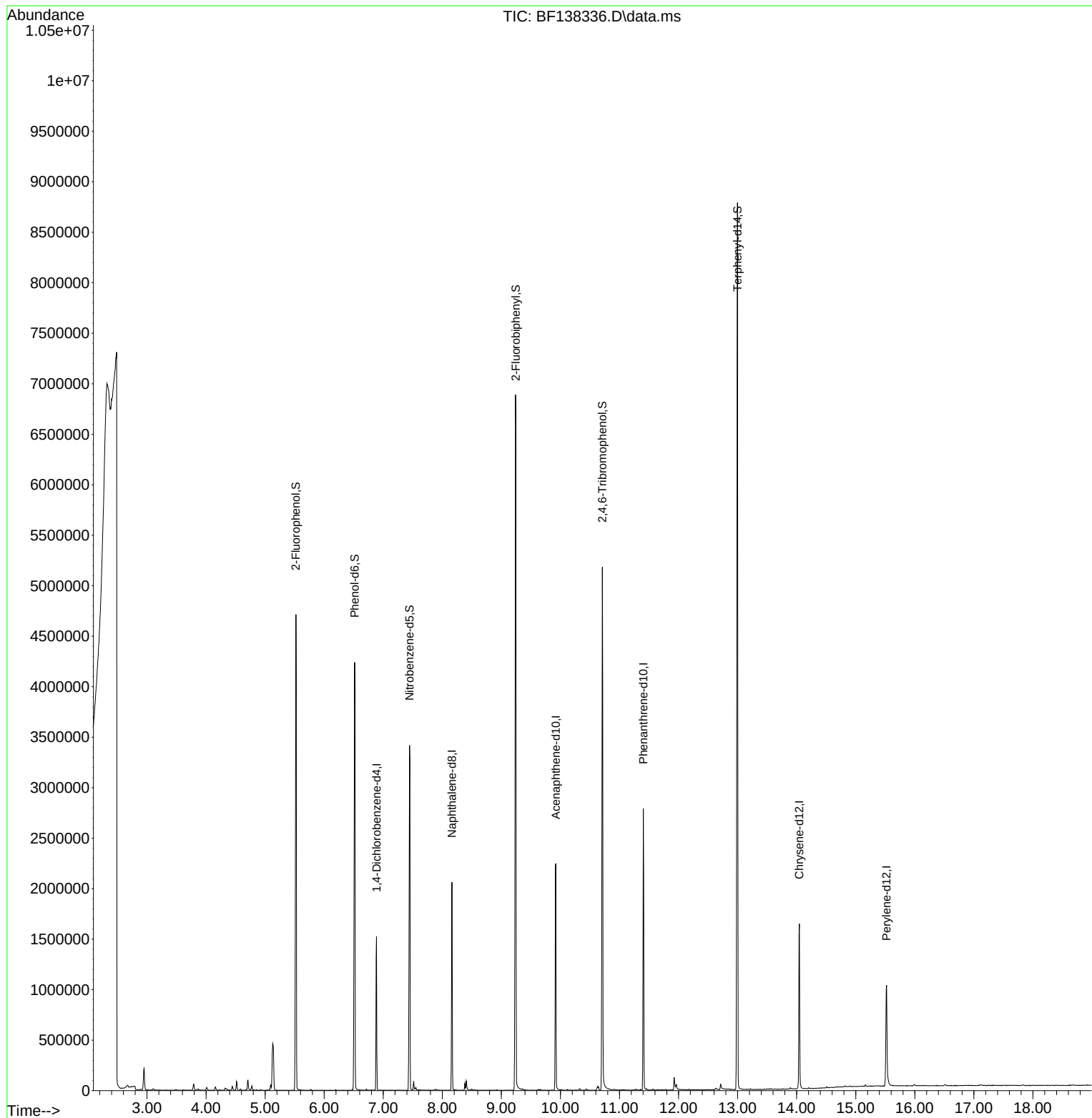
Target Compounds	Qvalue

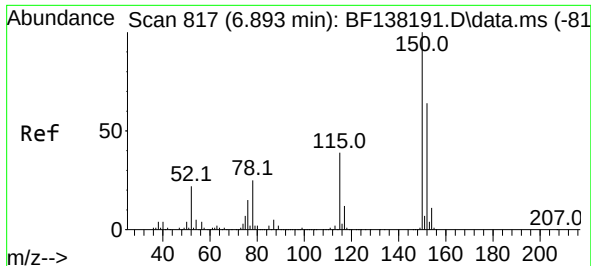
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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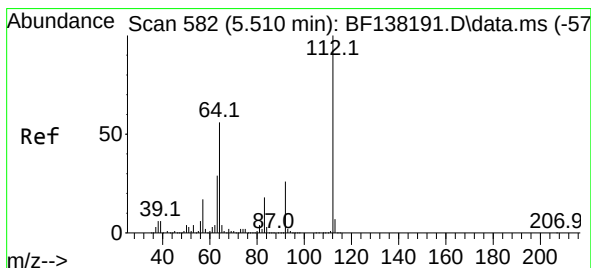
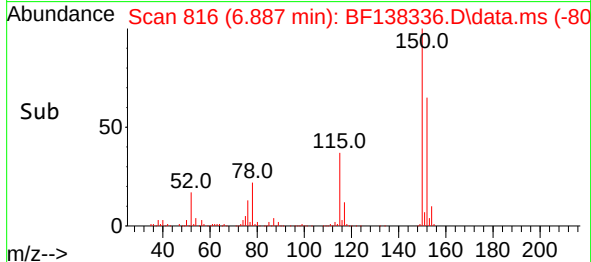
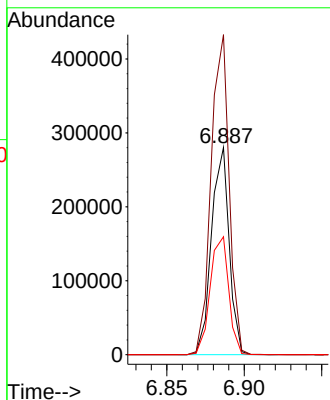
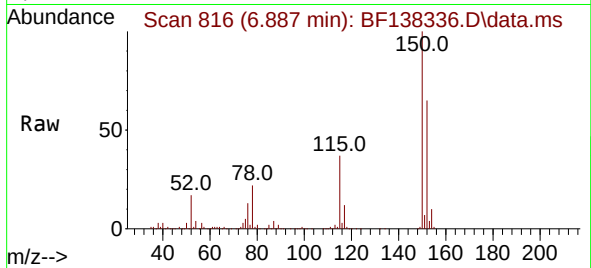




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.887 min Scan# 817
Delta R.T. -0.006 min
Lab File: BF138336.D
Acq: 25 Jun 2024 16:06

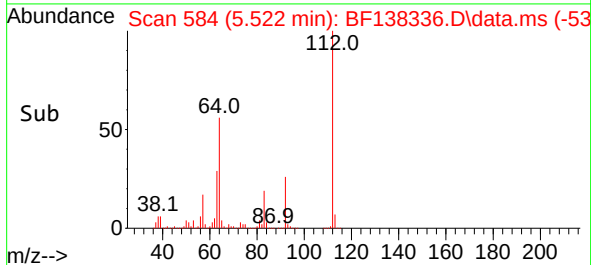
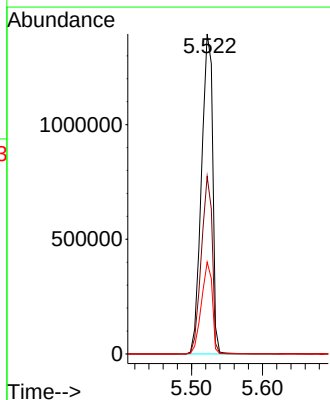
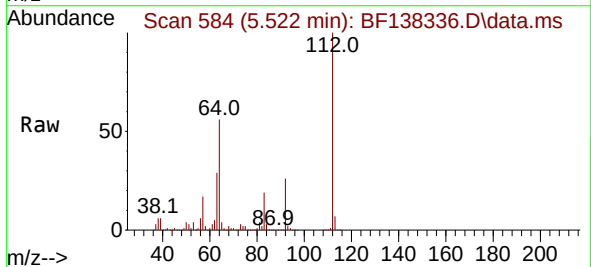
Instrument :
BNA_F
ClientSampleId :
ARS20-008

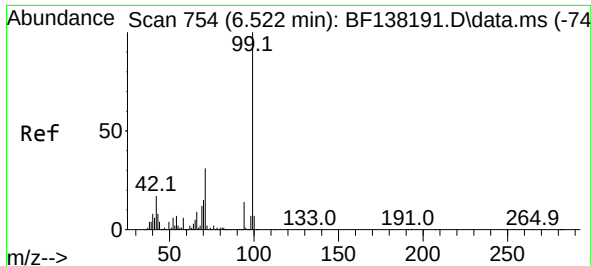
Tgt Ion:152 Resp: 221991
Ion Ratio Lower Upper
152 100
150 154.4 125.0 187.4
115 56.9 48.4 72.6



#5
2-Fluorophenol
Concen: 115.805 ng
RT: 5.522 min Scan# 584
Delta R.T. 0.012 min
Lab File: BF138336.D
Acq: 25 Jun 2024 16:06

Tgt Ion:112 Resp: 1536780
Ion Ratio Lower Upper
112 100
64 55.5 45.2 67.8
63 28.7 22.9 34.3

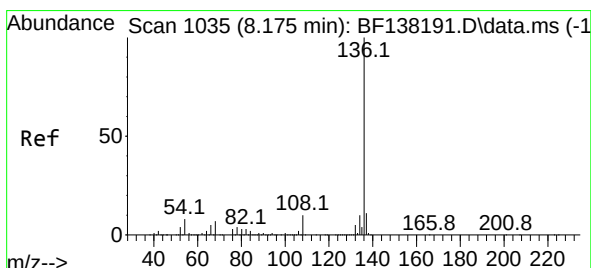
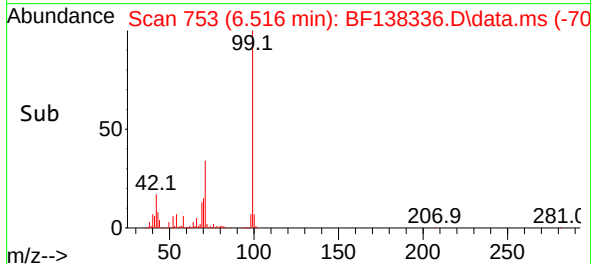
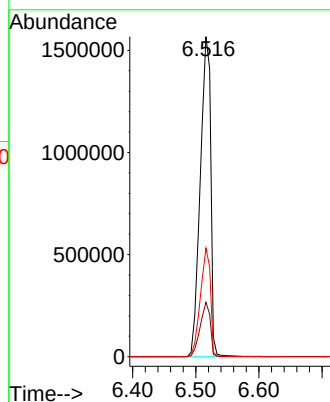
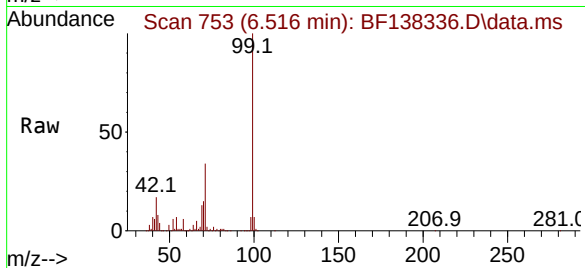




#7
Phenol-d6
Concen: 106.791 ng
RT: 6.516 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF138336.D
Acq: 25 Jun 2024 16:06

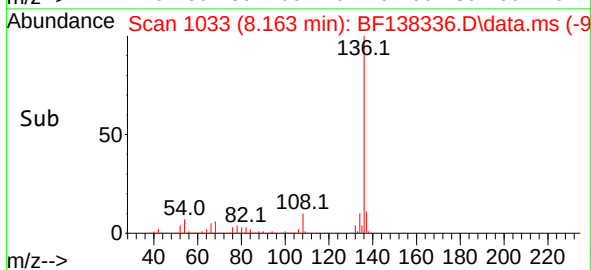
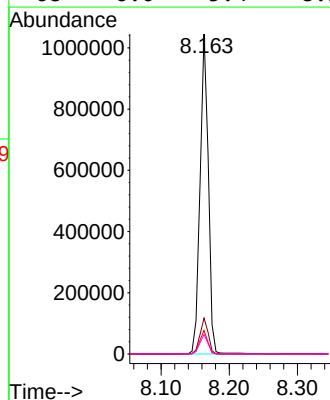
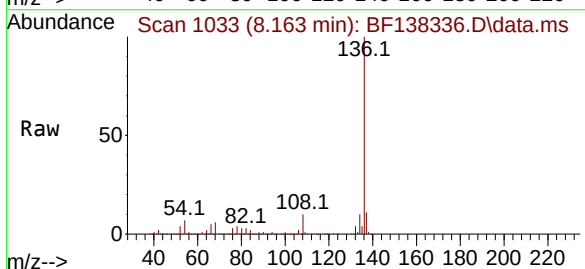
Instrument :
BNA_F
ClientSampleId :
ARS20-008

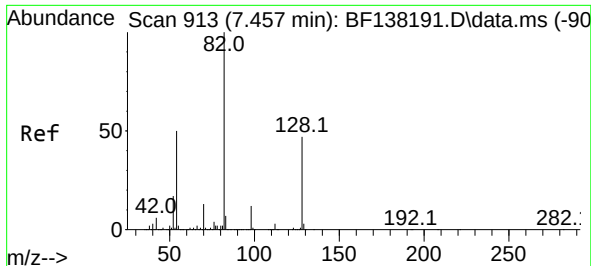
Tgt Ion: 99 Resp: 1797013
Ion Ratio Lower Upper
99 100
42 17.0 13.7 20.5
71 33.9 25.0 37.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1033
Delta R.T. -0.012 min
Lab File: BF138336.D
Acq: 25 Jun 2024 16:06

Tgt Ion: 136 Resp: 883805
Ion Ratio Lower Upper
136 100
137 11.2 9.1 13.7
54 7.4 6.6 10.0
68 6.0 5.4 8.2





#23

Nitrobenzene-d5

Concen: 85.675 ng

RT: 7.445 min Scan# 911

Delta R.T. -0.012 min

Lab File: BF138336.D

Acq: 25 Jun 2024 16:06

Instrument :

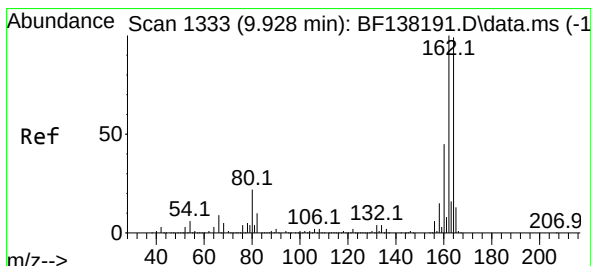
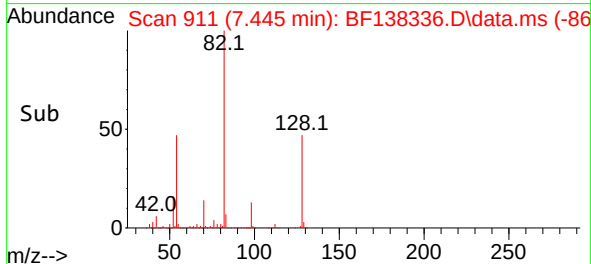
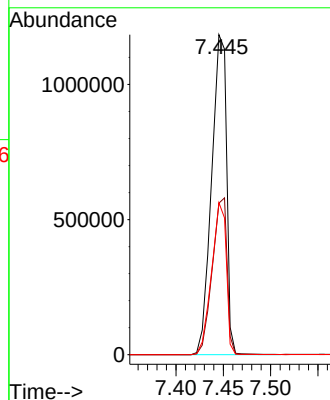
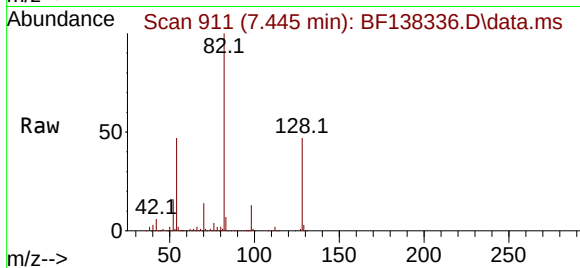
BNA_F

ClientSampleId :

ARS20-008

Tgt Ion: 82 Resp: 1300667

Ion	Ratio	Lower	Upper
82	100		
128	47.3	37.2	55.8
54	47.5	39.8	59.6



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.922 min Scan# 1332

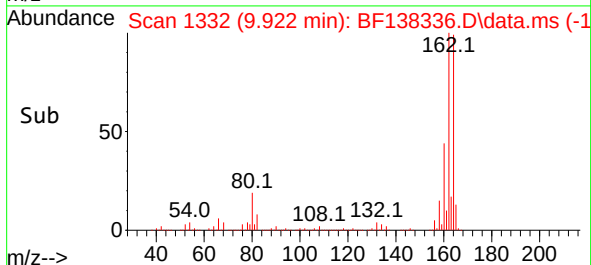
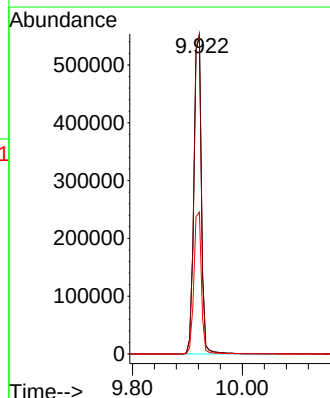
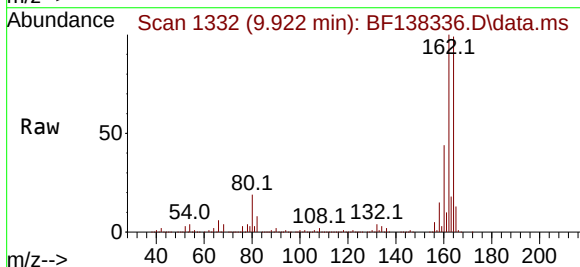
Delta R.T. -0.006 min

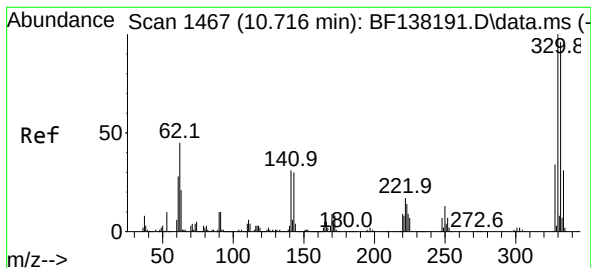
Lab File: BF138336.D

Acq: 25 Jun 2024 16:06

Tgt Ion: 164 Resp: 516731

Ion	Ratio	Lower	Upper
164	100		
162	101.1	80.6	121.0
160	44.8	36.3	54.5

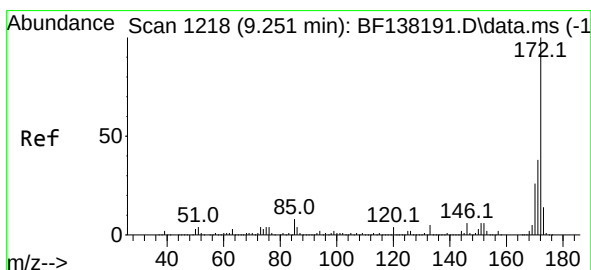
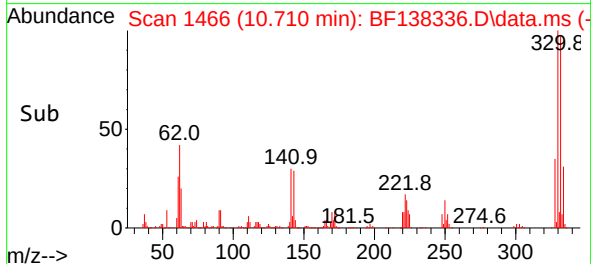
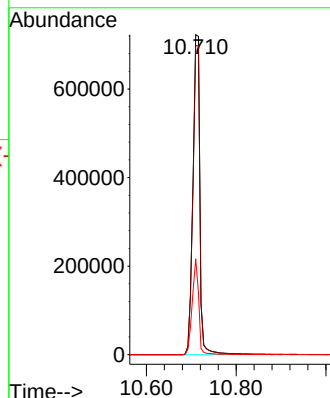
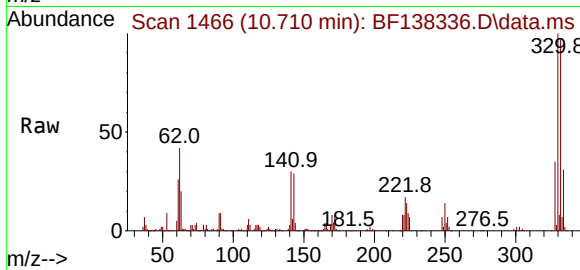




#42
2,4,6-Tribromophenol
Concen: 152.504 ng
RT: 10.710 min Scan# 1467
Delta R.T. -0.006 min
Lab File: BF138336.D
Acq: 25 Jun 2024 16:06

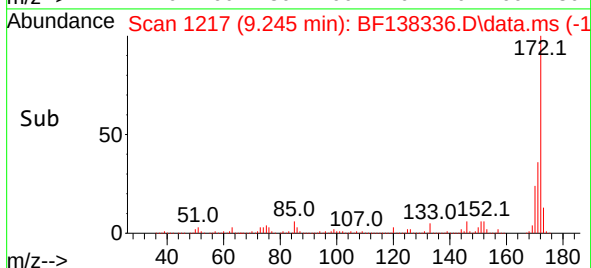
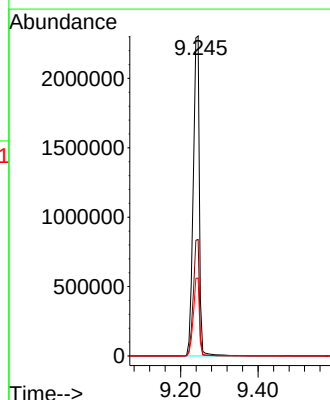
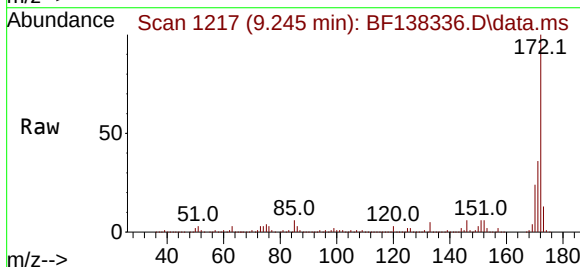
Instrument :
BNA_F
ClientSampleId :
ARS20-008

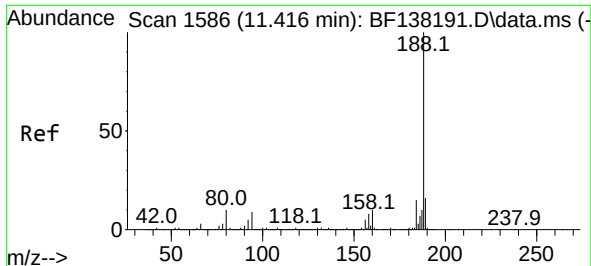
Tgt Ion:330 Resp: 784506
Ion Ratio Lower Upper
330 100
332 97.0 76.6 115.0
141 27.8 23.9 35.9



#45
2-Fluorobiphenyl
Concen: 78.208 ng
RT: 9.245 min Scan# 1217
Delta R.T. -0.006 min
Lab File: BF138336.D
Acq: 25 Jun 2024 16:06

Tgt Ion:172 Resp: 2541435
Ion Ratio Lower Upper
172 100
171 36.4 30.3 45.5
170 24.4 20.6 30.8

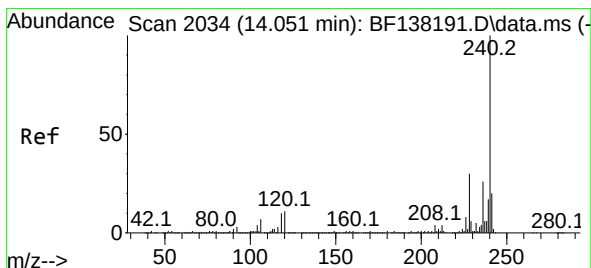
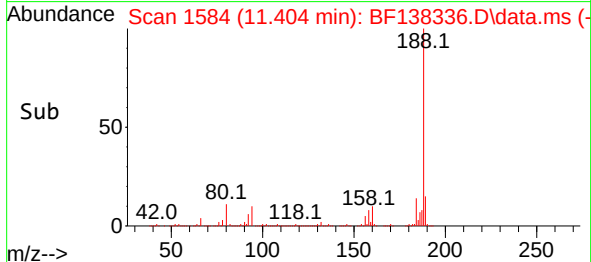
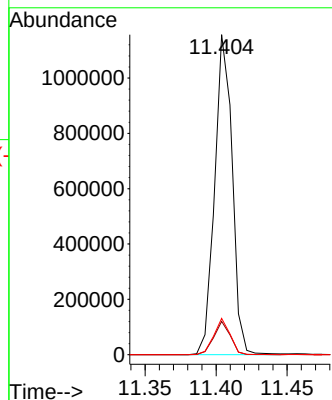
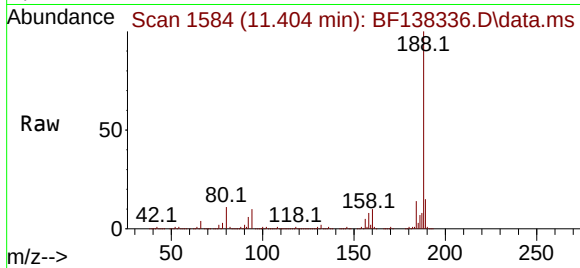




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF138336.D
Acq: 25 Jun 2024 16:06

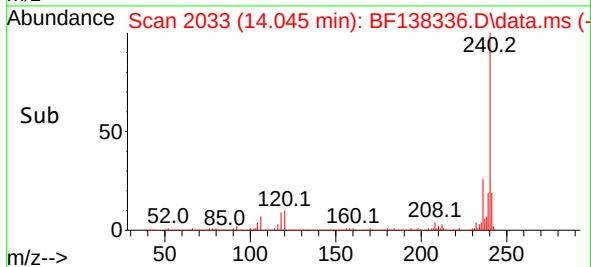
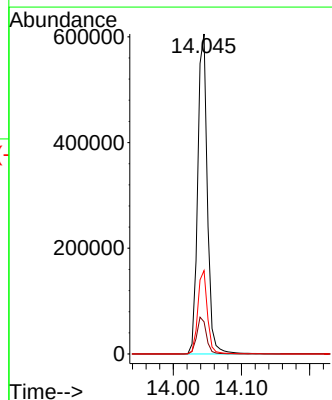
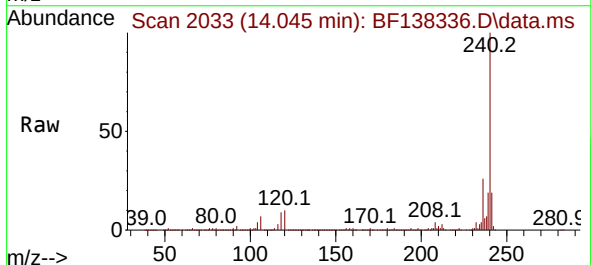
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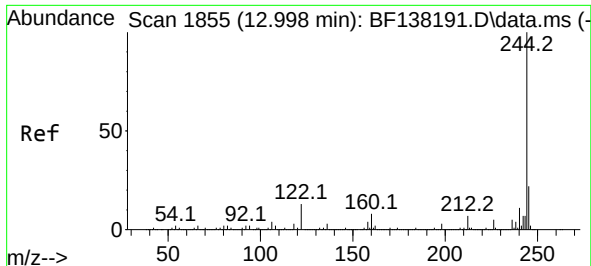
Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.4	7.6	11.4
80	11.3	8.1	12.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2033
Delta R.T. -0.006 min
Lab File: BF138336.D
Acq: 25 Jun 2024 16:06

Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.1	9.2	13.8
236	26.1	21.0	31.6

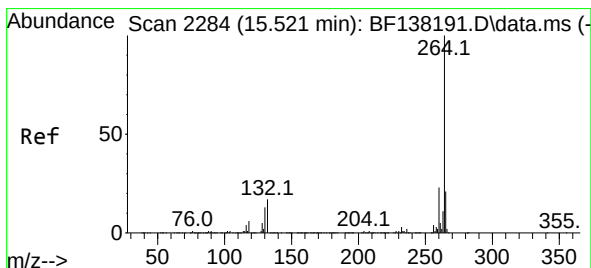
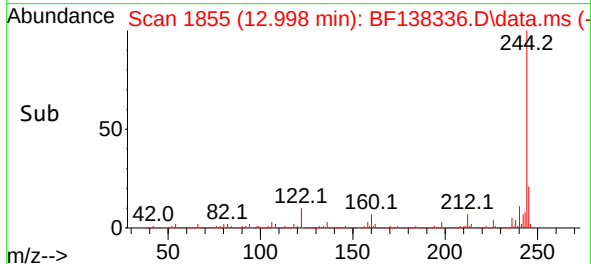
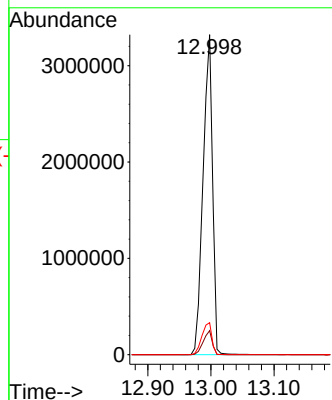
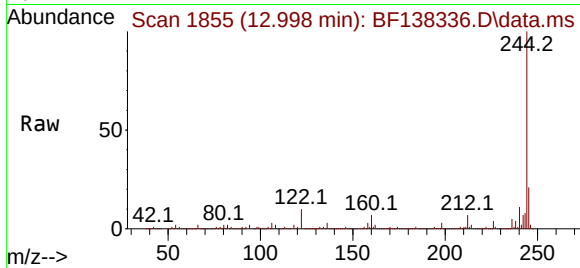




#79
 Terphenyl-d14
 Concen: 91.826 ng
 RT: 12.998 min Scan# 1855
 Delta R.T. -0.000 min
 Lab File: BF138336.D
 Acq: 25 Jun 2024 16:06

Instrument :
 BNA_F
 ClientSampleId :
 ARS20-008

Tgt Ion:244 Resp: 3456099
 Ion Ratio Lower Upper
 244 100
 212 7.5 5.9 8.9
 122 10.0 10.6 15.8#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.521 min Scan# 2284
 Delta R.T. -0.000 min
 Lab File: BF138336.D
 Acq: 25 Jun 2024 16:06

Tgt Ion:264 Resp: 551771
 Ion Ratio Lower Upper
 264 100
 260 23.9 18.7 28.1
 265 21.6 17.0 25.6

