

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062524\
 Data File : BF138338.D
 Acq On : 25 Jun 2024 17:06
 Operator : CG\JU
 Sample : P3021-09
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ARS20-006

Quant Time: Jun 25 17:29:45 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	212350	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	827088	20.000	ng	-0.01
39) Acenaphthene-d10	9.916	164	486608	20.000	ng	-0.01
64) Phenanthrene-d10	11.404	188	936482	20.000	ng	-0.01
76) Chrysene-d12	14.045	240	546721	20.000	ng	0.00
86) Perylene-d12	15.521	264	497356	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	1531452	120.643	ng	0.01
7) Phenol-d6	6.516	99	1881479	116.887	ng	0.00
23) Nitrobenzene-d5	7.445	82	1250609	88.027	ng	-0.01
42) 2,4,6-Tribromophenol	10.710	330	745676	153.929	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	2470297	80.725	ng	-0.01
79) Terphenyl-d14	12.998	244	3219228	93.260	ng	0.00

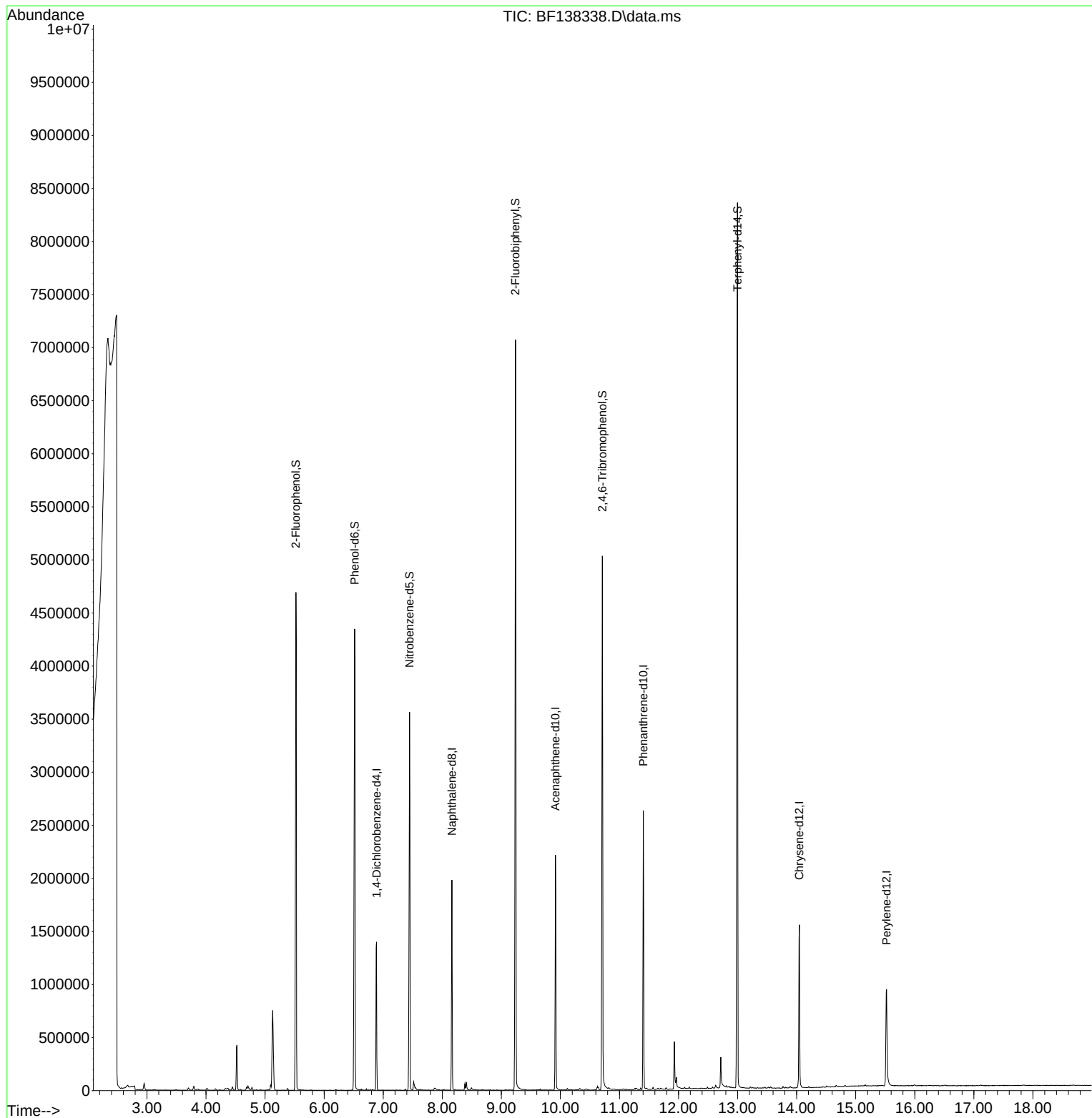
Target Compounds	Qvalue

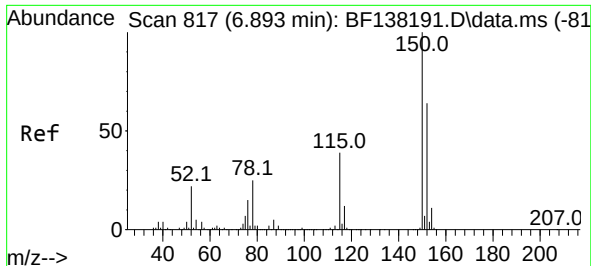
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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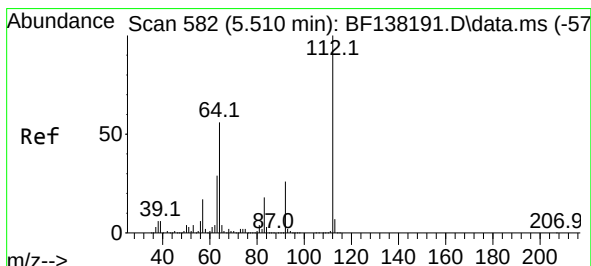
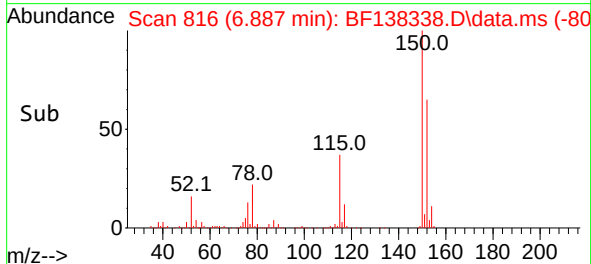
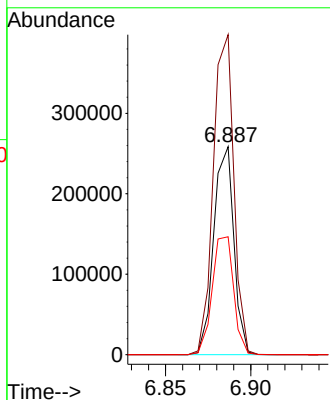
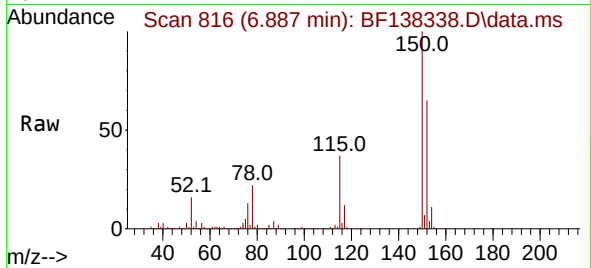




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.887 min Scan# 817
 Delta R.T. -0.006 min
 Lab File: BF138338.D
 Acq: 25 Jun 2024 17:06

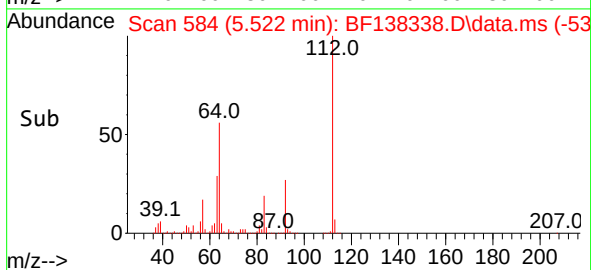
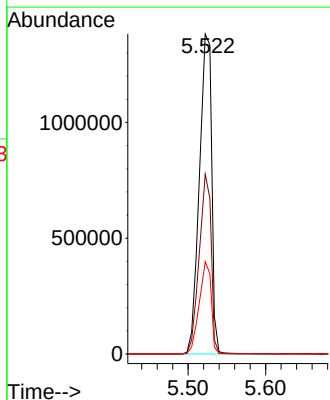
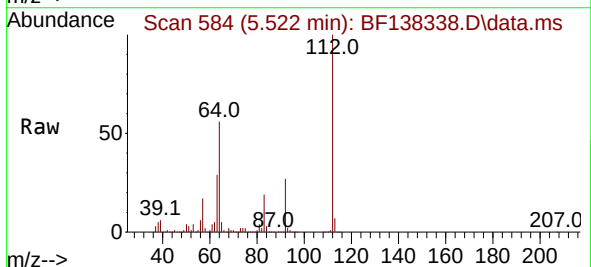
Instrument :
 BNA_F
 ClientSampleId :
 ARS20-006

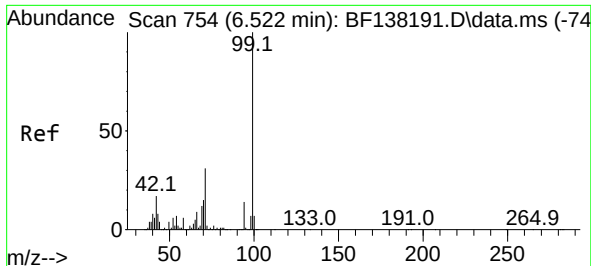
Tgt Ion:152 Resp: 212350
 Ion Ratio Lower Upper
 152 100
 150 153.8 125.0 187.4
 115 56.7 48.4 72.6



#5
 2-Fluorophenol
 Concen: 120.643 ng
 RT: 5.522 min Scan# 584
 Delta R.T. 0.012 min
 Lab File: BF138338.D
 Acq: 25 Jun 2024 17:06

Tgt Ion:112 Resp: 1531452
 Ion Ratio Lower Upper
 112 100
 64 56.2 45.2 67.8
 63 28.8 22.9 34.3

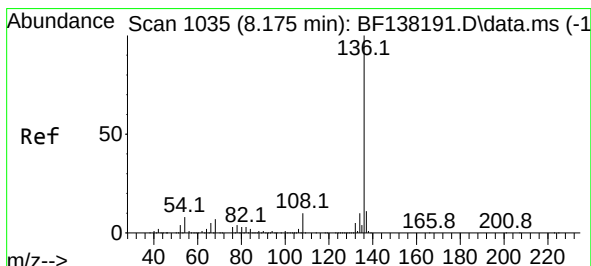
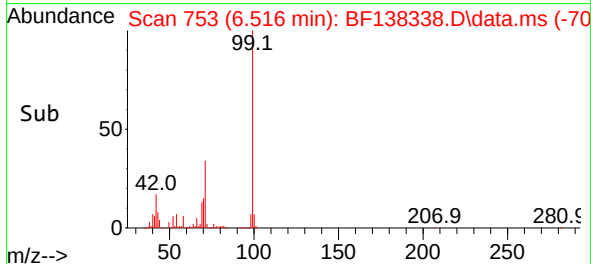
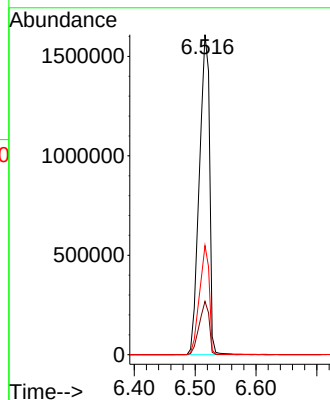
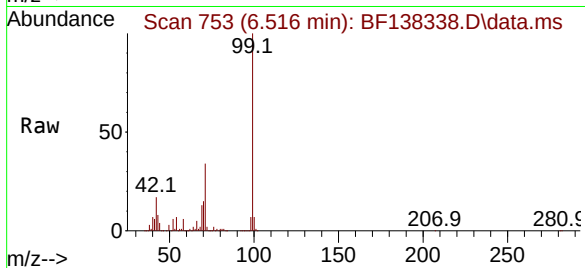




#7
Phenol-d6
Concen: 116.887 ng
RT: 6.516 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF138338.D
Acq: 25 Jun 2024 17:06

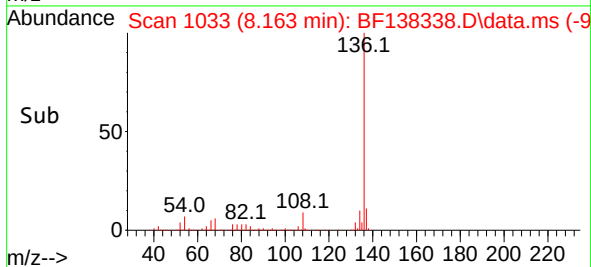
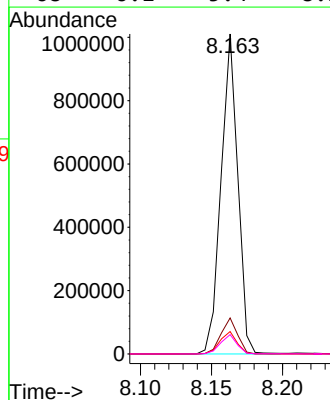
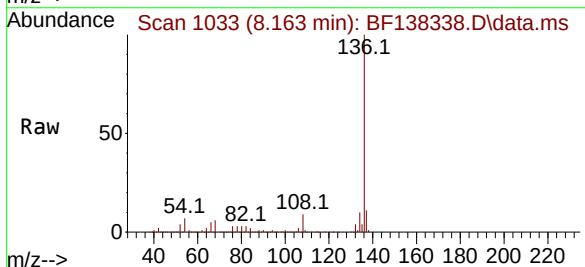
Instrument :
BNA_F
ClientSampleId :
ARS20-006

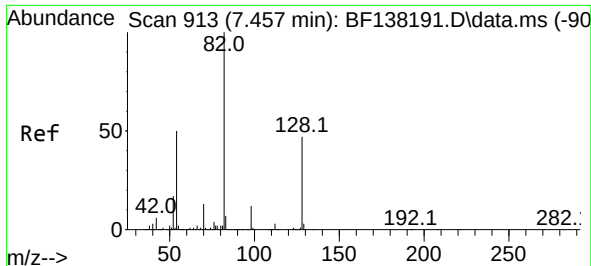
Tgt Ion: 99 Resp: 1881479
Ion Ratio Lower Upper
99 100
42 16.6 13.7 20.5
71 34.1 25.0 37.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1033
Delta R.T. -0.012 min
Lab File: BF138338.D
Acq: 25 Jun 2024 17:06

Tgt Ion: 136 Resp: 827088
Ion Ratio Lower Upper
136 100
137 11.2 9.1 13.7
54 7.0 6.6 10.0
68 6.1 5.4 8.2





#23

Nitrobenzene-d5

Concen: 88.027 ng

RT: 7.445 min Scan# 911

Delta R.T. -0.012 min

Lab File: BF138338.D

Acq: 25 Jun 2024 17:06

Instrument :

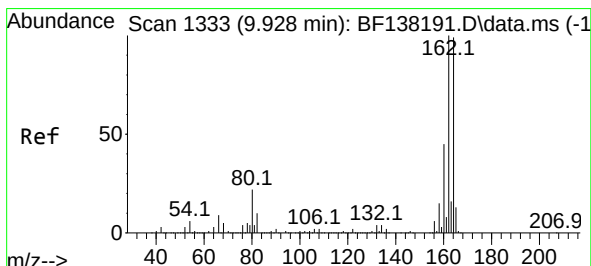
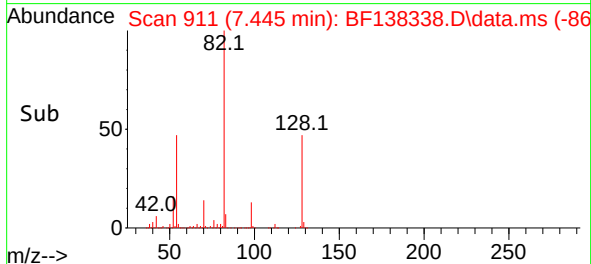
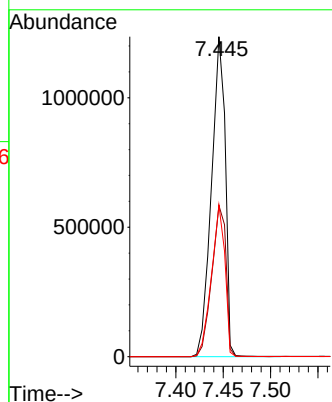
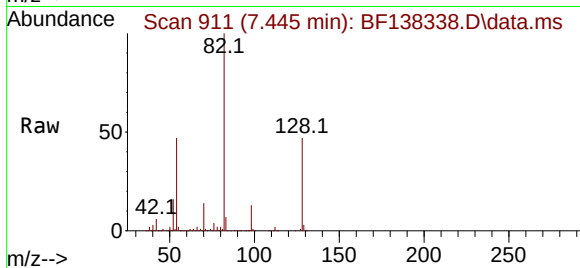
BNA_F

ClientSampleId :

ARS20-006

Tgt Ion: 82 Resp: 1250609

Ion	Ratio	Lower	Upper
82	100		
128	47.3	37.2	55.8
54	47.4	39.8	59.6



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.916 min Scan# 1331

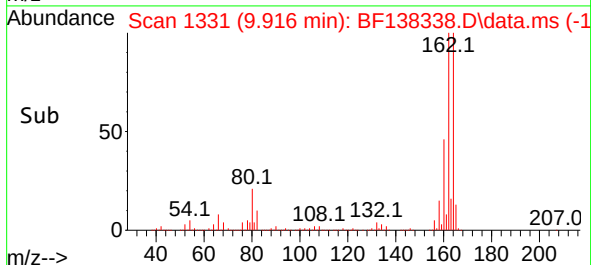
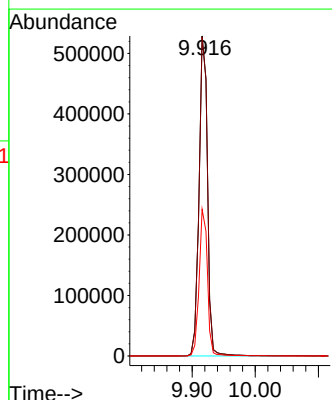
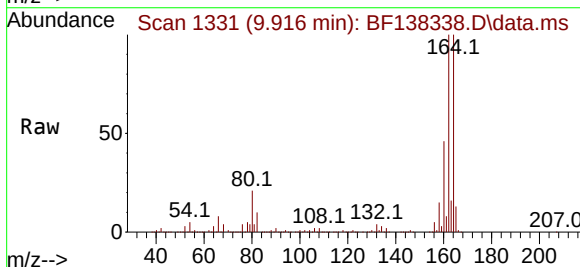
Delta R.T. -0.012 min

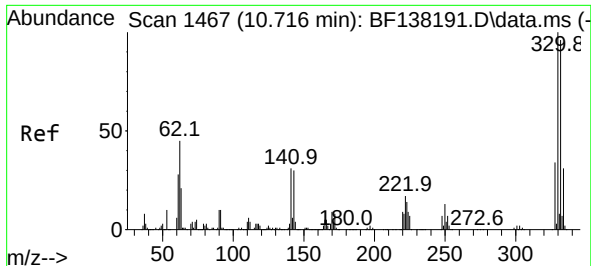
Lab File: BF138338.D

Acq: 25 Jun 2024 17:06

Tgt Ion: 164 Resp: 486608

Ion	Ratio	Lower	Upper
164	100		
162	99.7	80.6	121.0
160	45.9	36.3	54.5





#42

2,4,6-Tribromophenol

Concen: 153.929 ng

RT: 10.710 min Scan# 1467

Delta R.T. -0.006 min

Lab File: BF138338.D

Acq: 25 Jun 2024 17:06

Instrument :

BNA_F

ClientSampleId :

ARS20-006

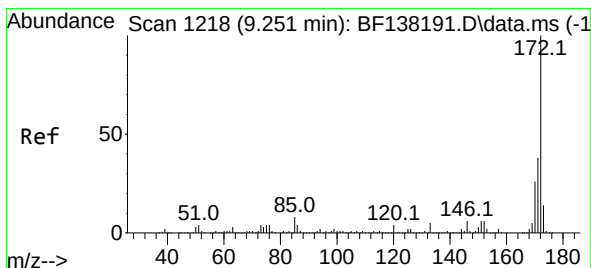
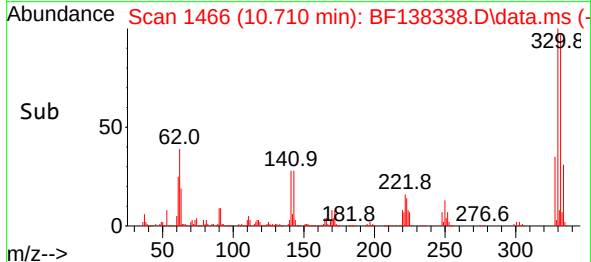
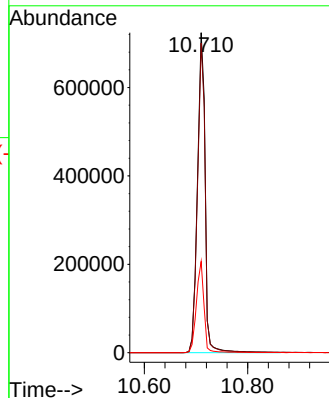
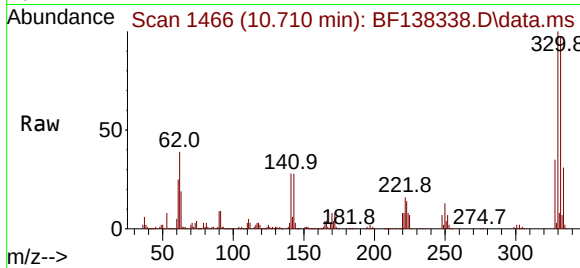
Tgt Ion:330 Resp: 745676

Ion Ratio Lower Upper

330 100

332 96.8 76.6 115.0

141 28.5 23.9 35.9



#45

2-Fluorobiphenyl

Concen: 80.725 ng

RT: 9.239 min Scan# 1216

Delta R.T. -0.012 min

Lab File: BF138338.D

Acq: 25 Jun 2024 17:06

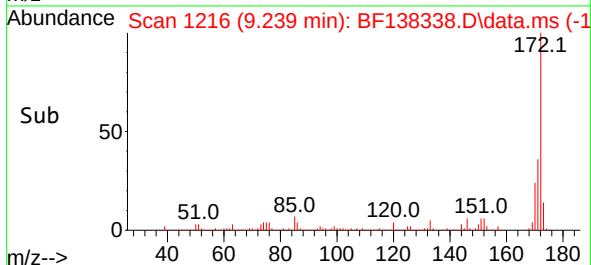
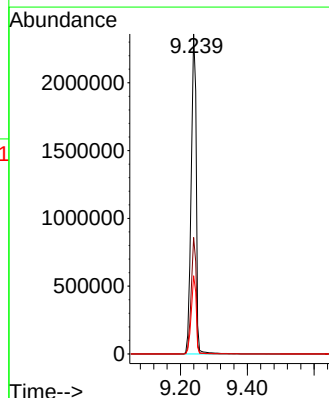
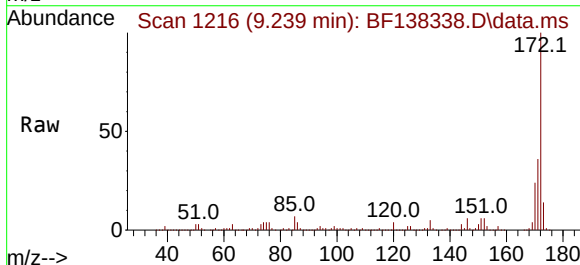
Tgt Ion:172 Resp: 2470297

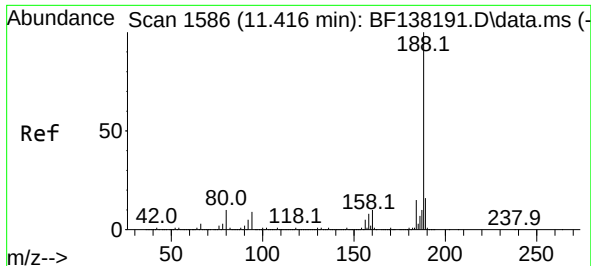
Ion Ratio Lower Upper

172 100

171 36.4 30.3 45.5

170 24.5 20.6 30.8

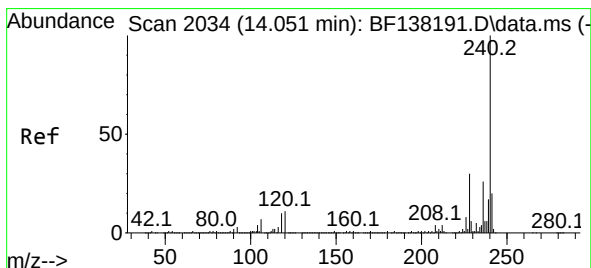
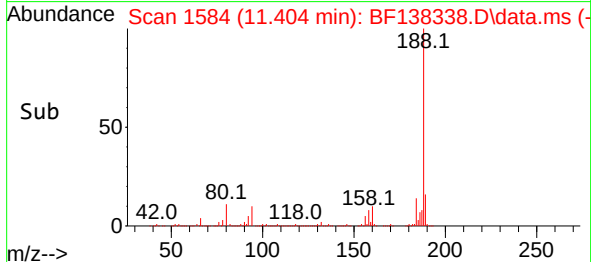
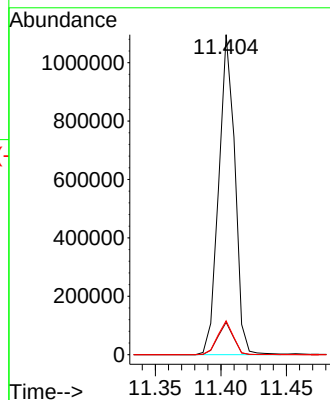
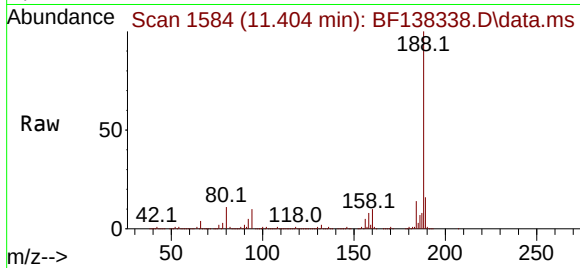




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF138338.D
Acq: 25 Jun 2024 17:06

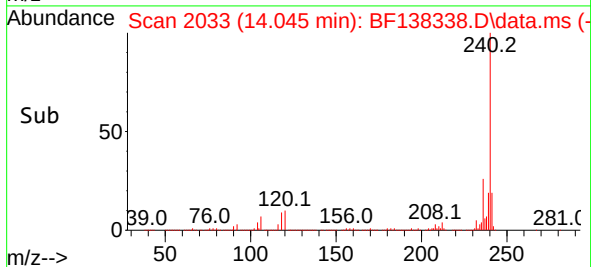
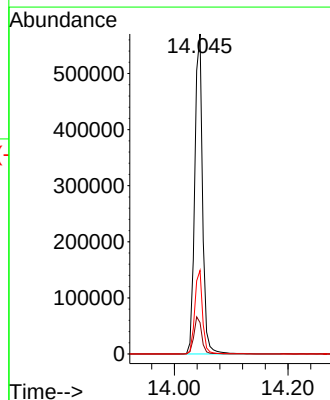
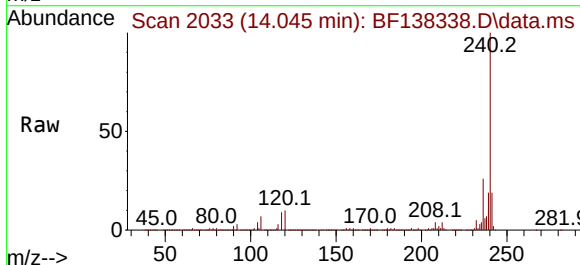
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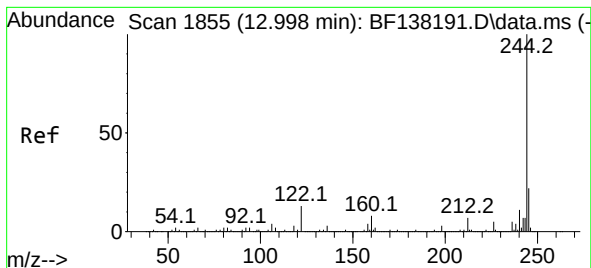
Tgt Ion:188 Resp: 936482
Ion Ratio Lower Upper
188 100
94 10.1 7.6 11.4
80 10.6 8.1 12.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2033
Delta R.T. -0.006 min
Lab File: BF138338.D
Acq: 25 Jun 2024 17:06

Tgt Ion:240 Resp: 546721
Ion Ratio Lower Upper
240 100
120 9.8 9.2 13.8
236 26.1 21.0 31.6





#79

Terphenyl-d14

Concen: 93.260 ng

RT: 12.998 min Scan# 1855

Delta R.T. 0.000 min

Lab File: BF138338.D

Acq: 25 Jun 2024 17:06

Instrument :

BNA_F

ClientSampleId :

ARS20-006

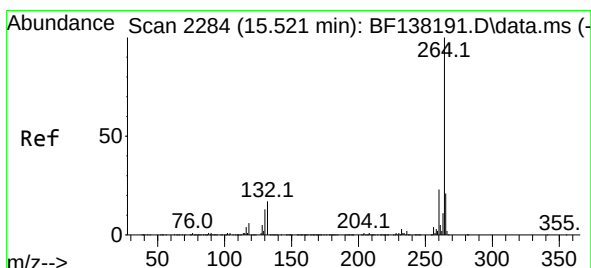
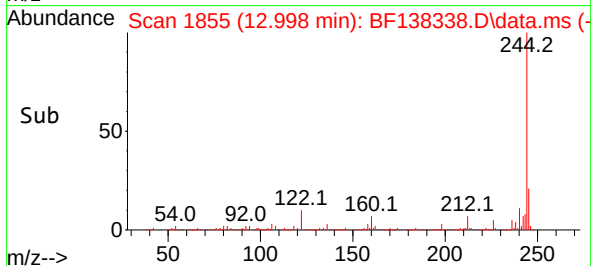
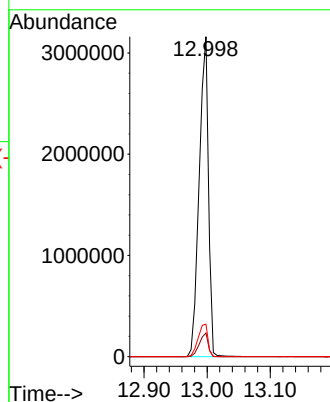
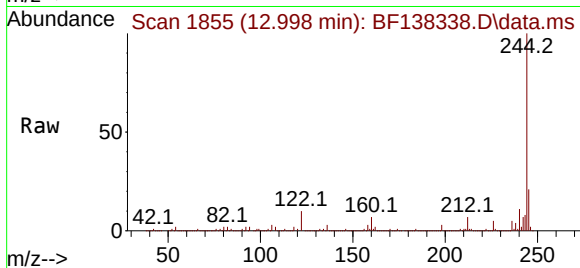
Tgt Ion:244 Resp: 3219228

Ion Ratio Lower Upper

244 100

212 7.4 5.9 8.9

122 10.2 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: BF138338.D

Acq: 25 Jun 2024 17:06

Tgt Ion:264 Resp: 497356

Ion Ratio Lower Upper

264 100

260 23.9 18.7 28.1

265 21.9 17.0 25.6

