

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062524\
 Data File : BF138339.D
 Acq On : 25 Jun 2024 17:36
 Operator : CG\JU
 Sample : P3021-12
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ARS20-0015

Quant Time: Jun 25 17:58:09 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	229786	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	902272	20.000	ng	-0.01
39) Acenaphthene-d10	9.916	164	530021	20.000	ng	-0.01
64) Phenanthrene-d10	11.404	188	1021977	20.000	ng	-0.01
76) Chrysene-d12	14.045	240	589406	20.000	ng	0.00
86) Perylene-d12	15.515	264	547667	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	1633415	118.912	ng	0.02
7) Phenol-d6	6.516	99	1941727	111.476	ng	0.00
23) Nitrobenzene-d5	7.451	82	1354520	87.396	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	802979	152.181	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	2613238	78.401	ng	0.00
79) Terphenyl-d14	12.998	244	3473159	93.329	ng	0.00

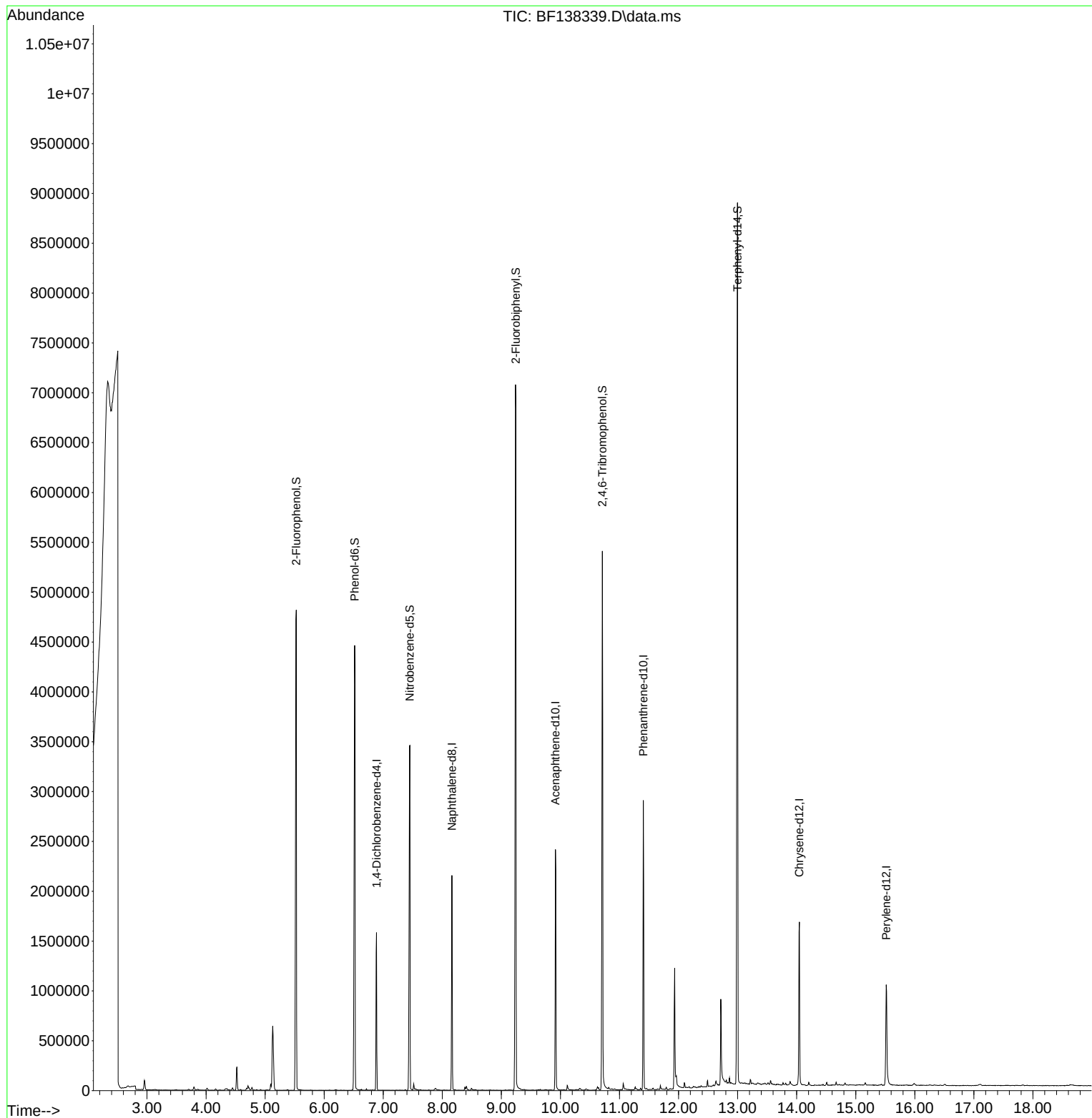
Target Compounds	Qvalue

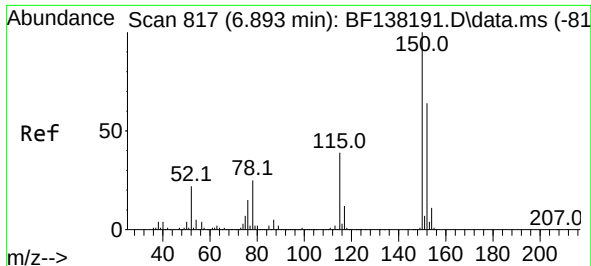
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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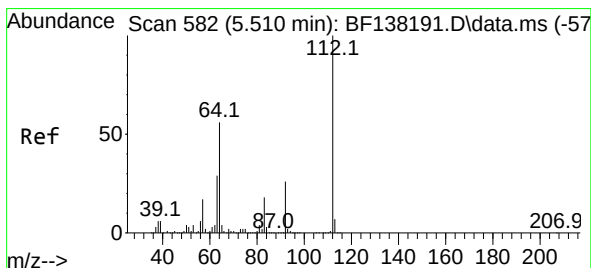
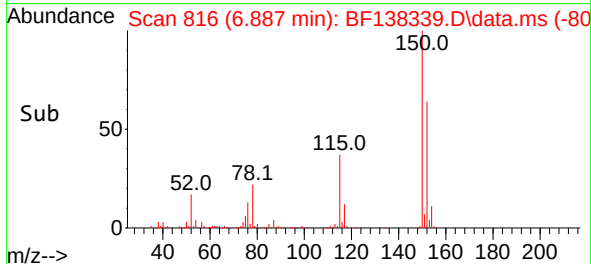
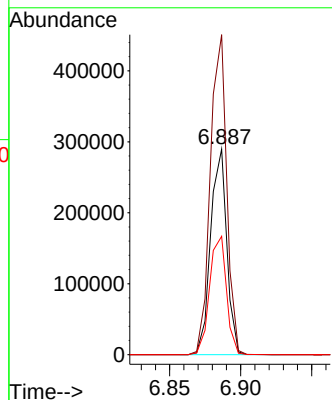
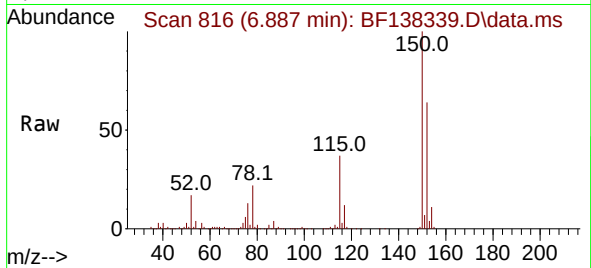




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.887 min Scan# 817
Delta R.T. -0.006 min
Lab File: BF138339.D
Acq: 25 Jun 2024 17:36

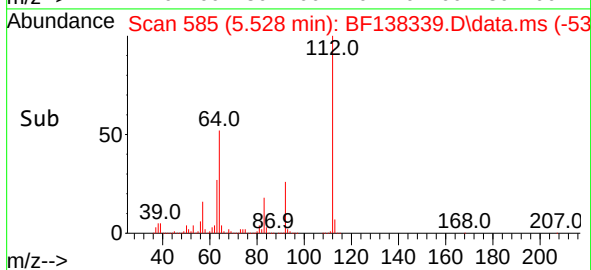
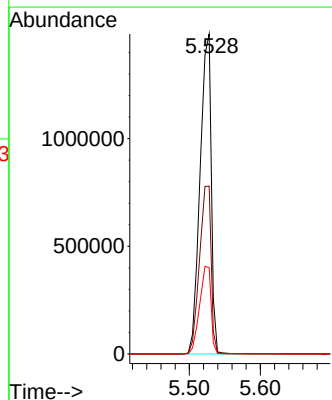
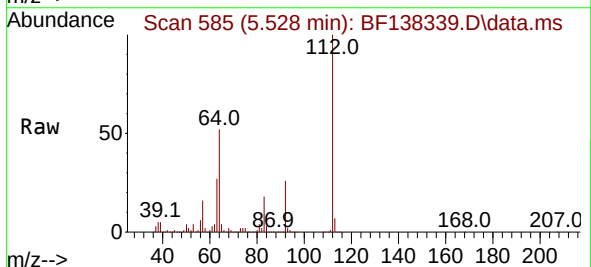
Instrument :
BNA_F
ClientSampleId :
ARS20-0015

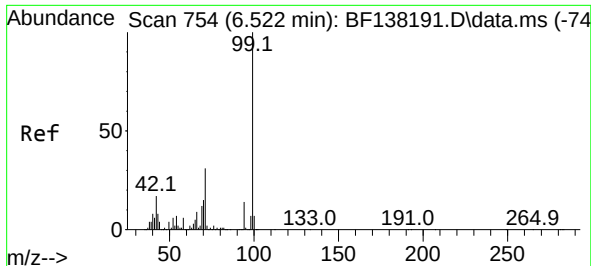
Tgt Ion:152 Resp: 229786
Ion Ratio Lower Upper
152 100
150 155.6 125.0 187.4
115 57.6 48.4 72.6



#5
2-Fluorophenol
Concen: 118.912 ng
RT: 5.528 min Scan# 585
Delta R.T. 0.018 min
Lab File: BF138339.D
Acq: 25 Jun 2024 17:36

Tgt Ion:112 Resp: 1633415
Ion Ratio Lower Upper
112 100
64 52.5 45.2 67.8
63 26.9 22.9 34.3

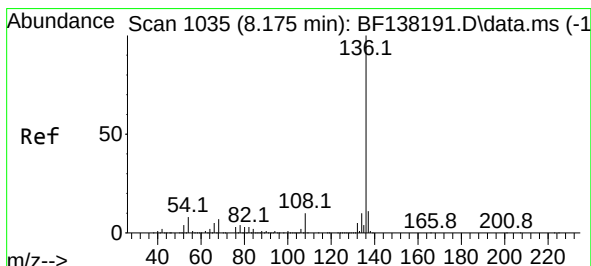
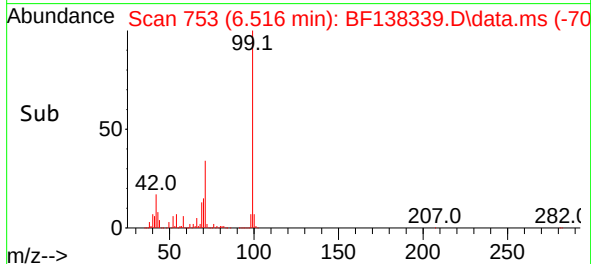
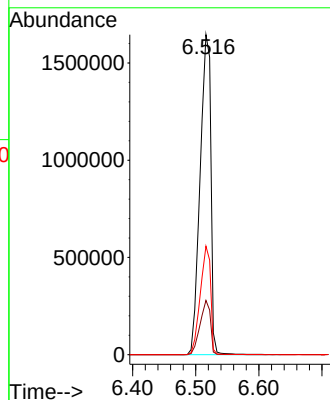
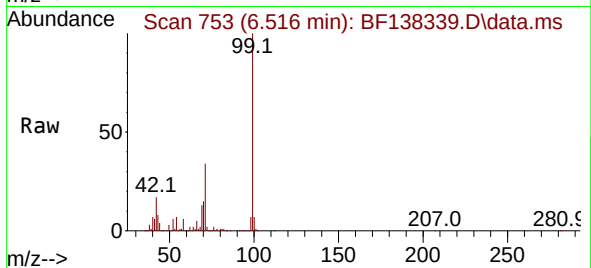




#7
Phenol-d6
Concen: 111.476 ng
RT: 6.516 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF138339.D
Acq: 25 Jun 2024 17:36

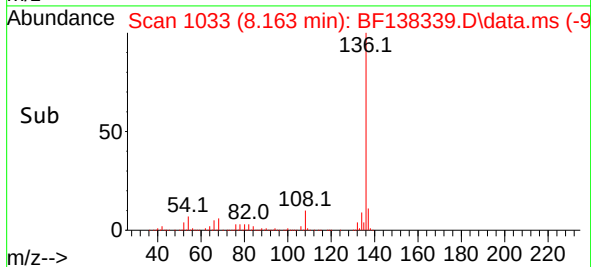
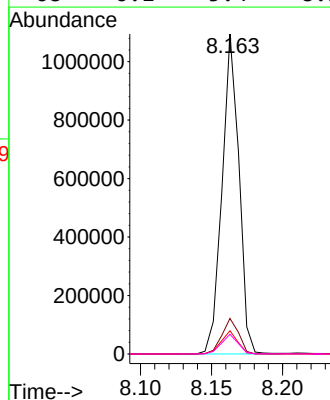
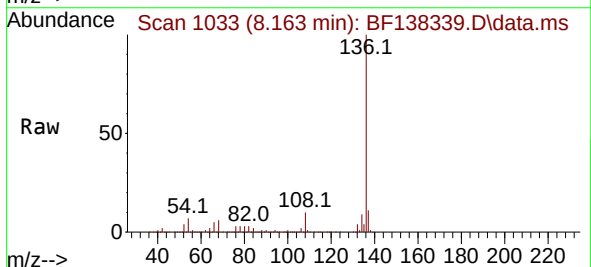
Instrument :
BNA_F
ClientSampleId :
ARS20-0015

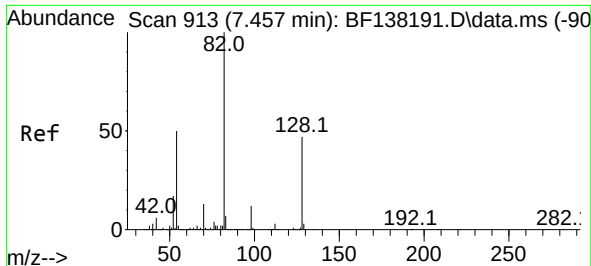
Tgt Ion: 99 Resp: 1941727
Ion Ratio Lower Upper
99 100
42 16.9 13.7 20.5
71 33.9 25.0 37.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1033
Delta R.T. -0.012 min
Lab File: BF138339.D
Acq: 25 Jun 2024 17:36

Tgt Ion: 136 Resp: 902272
Ion Ratio Lower Upper
136 100
137 11.1 9.1 13.7
54 7.3 6.6 10.0
68 6.1 5.4 8.2





#23

Nitrobenzene-d5

Concen: 87.396 ng

RT: 7.451 min Scan# 913

Delta R.T. -0.006 min

Lab File: BF138339.D

Acq: 25 Jun 2024 17:36

Instrument :

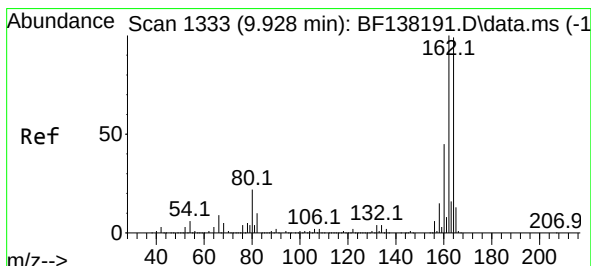
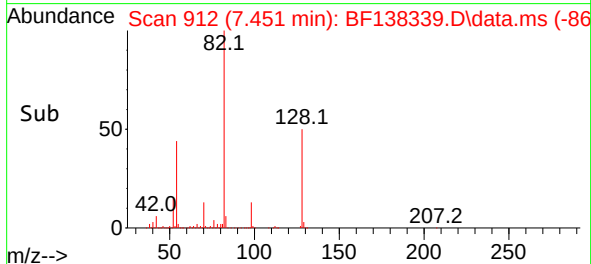
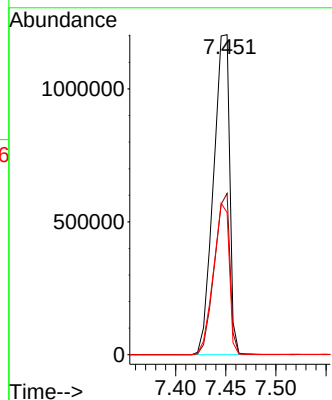
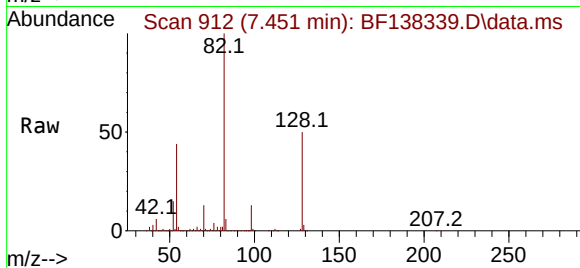
BNA_F

ClientSampleId :

ARS20-0015

Tgt Ion: 82 Resp: 1354520

Ion	Ratio	Lower	Upper
82	100		
128	50.4	37.2	55.8
54	44.4	39.8	59.6



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.916 min Scan# 1331

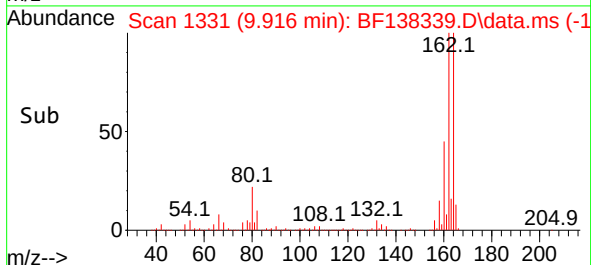
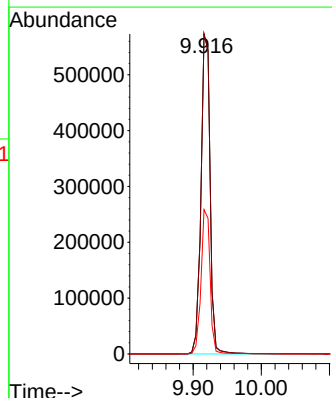
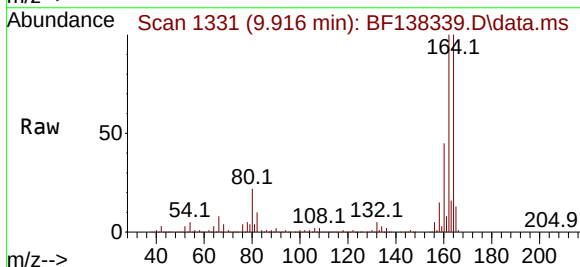
Delta R.T. -0.012 min

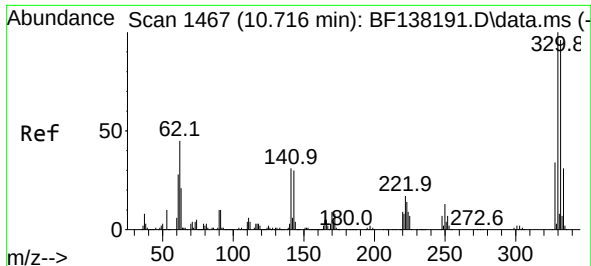
Lab File: BF138339.D

Acq: 25 Jun 2024 17:36

Tgt Ion: 164 Resp: 530021

Ion	Ratio	Lower	Upper
164	100		
162	100.0	80.6	121.0
160	45.1	36.3	54.5

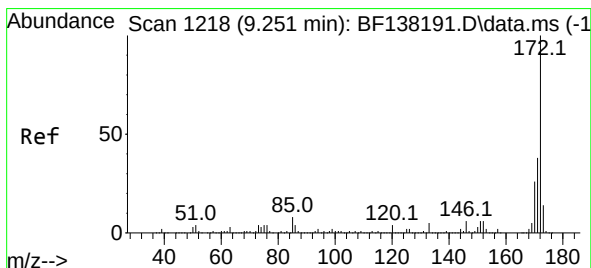
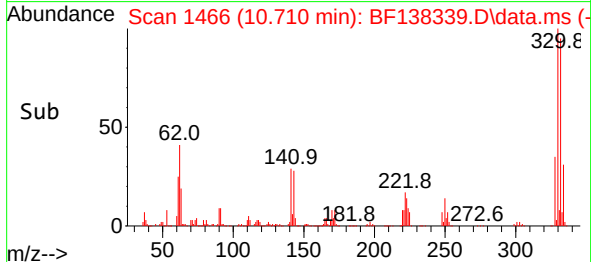
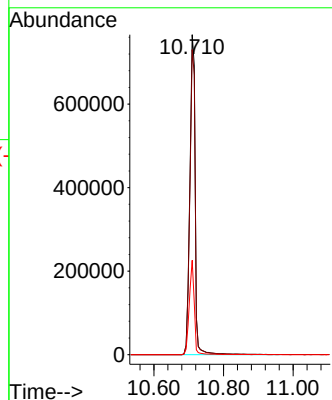
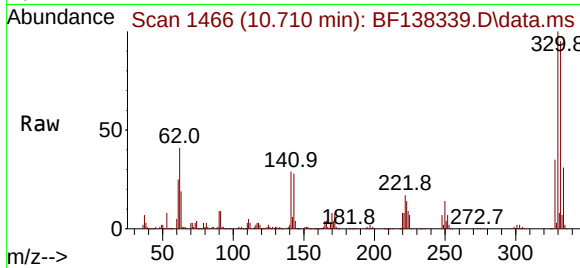




#42
2,4,6-Tribromophenol
Concen: 152.181 ng
RT: 10.710 min Scan# 1466
Delta R.T. -0.006 min
Lab File: BF138339.D
Acq: 25 Jun 2024 17:36

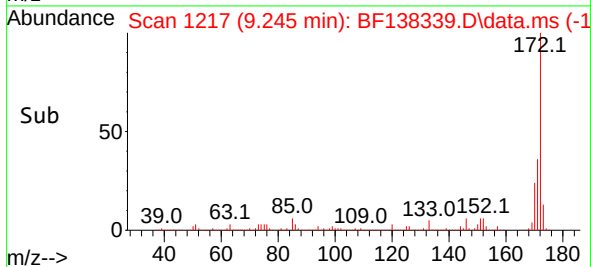
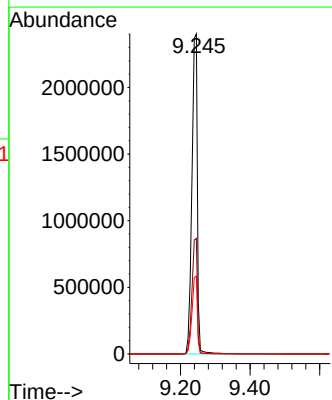
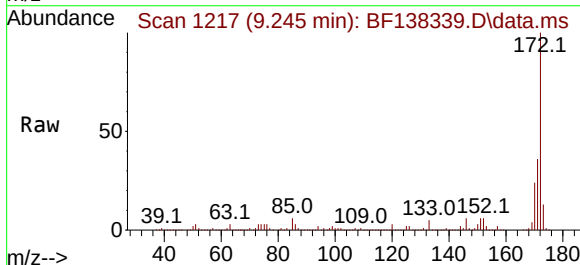
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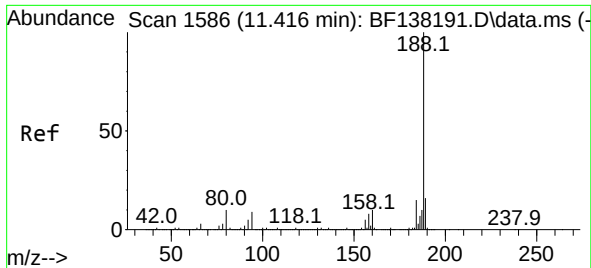
Tgt Ion:330 Resp: 802979
Ion Ratio Lower Upper
330 100
332 95.7 76.6 115.0
141 27.6 23.9 35.9



#45
2-Fluorobiphenyl
Concen: 78.401 ng
RT: 9.245 min Scan# 1217
Delta R.T. -0.006 min
Lab File: BF138339.D
Acq: 25 Jun 2024 17:36

Tgt Ion:172 Resp: 2613238
Ion Ratio Lower Upper
172 100
171 36.1 30.3 45.5
170 24.4 20.6 30.8

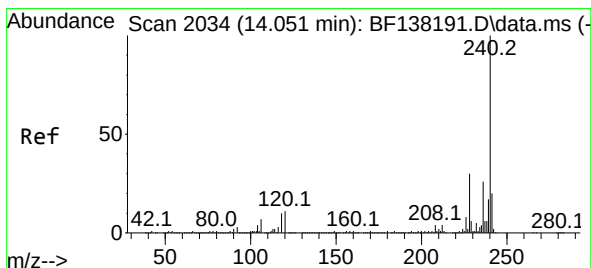
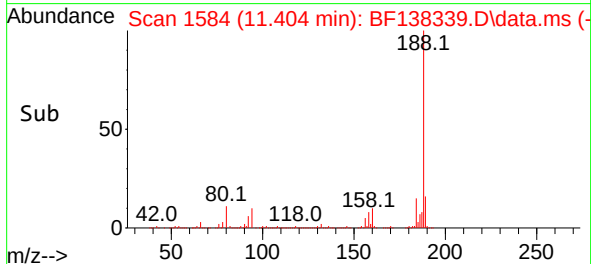
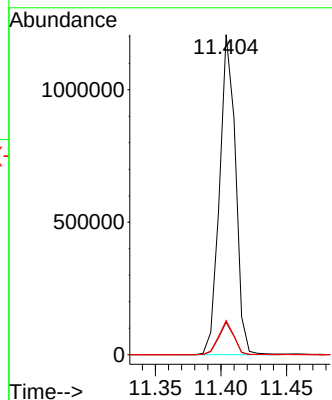
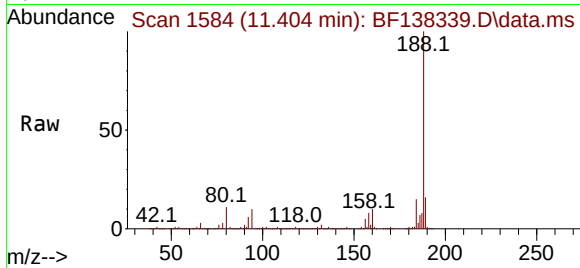




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF138339.D
Acq: 25 Jun 2024 17:36

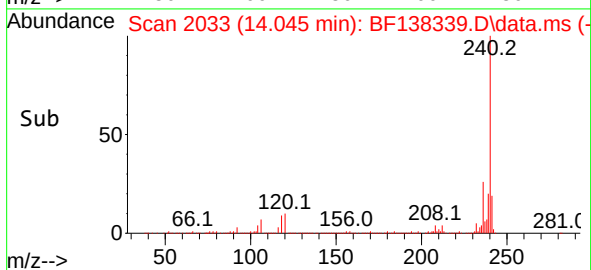
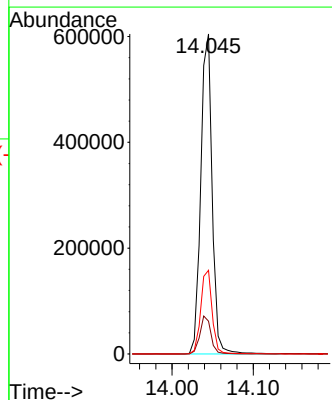
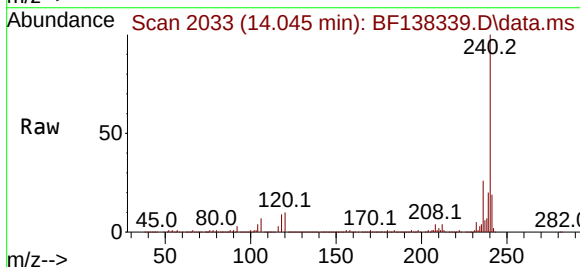
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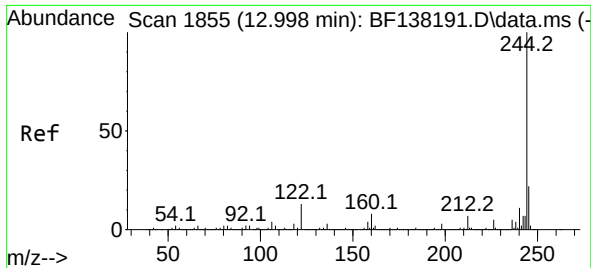
Tgt Ion:188 Resp: 1021977
Ion Ratio Lower Upper
188 100
94 10.1 7.6 11.4
80 10.7 8.1 12.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2033
Delta R.T. -0.006 min
Lab File: BF138339.D
Acq: 25 Jun 2024 17:36

Tgt Ion:240 Resp: 589406
Ion Ratio Lower Upper
240 100
120 10.2 9.2 13.8
236 26.1 21.0 31.6

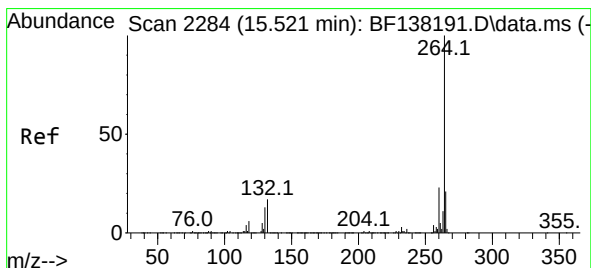
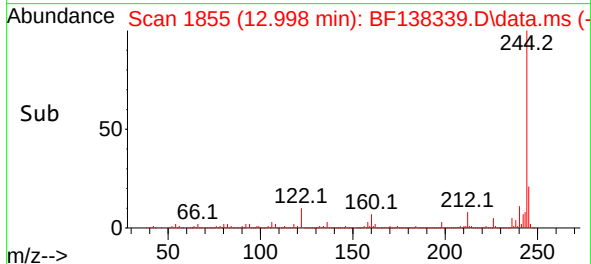
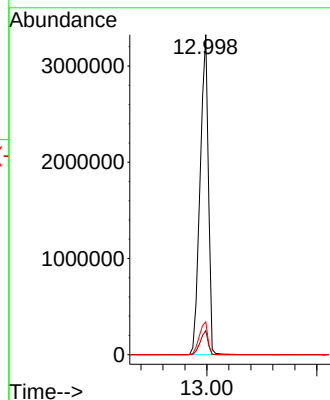
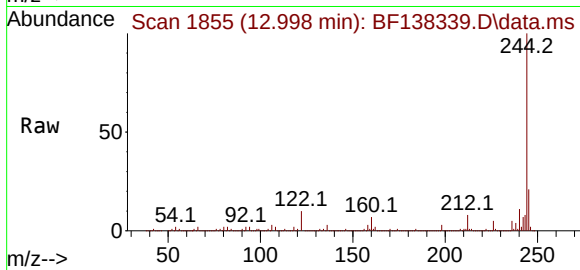




#79
 Terphenyl-d14
 Concen: 93.329 ng
 RT: 12.998 min Scan# 1855
 Delta R.T. -0.000 min
 Lab File: BF138339.D
 Acq: 25 Jun 2024 17:36

Instrument :
 BNA_F
 ClientSampleId :
 ARS20-0015

Tgt Ion:244 Resp: 3473159
 Ion Ratio Lower Upper
 244 100
 212 7.5 5.9 8.9
 122 10.2 10.6 15.8#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.515 min Scan# 2283
 Delta R.T. -0.006 min
 Lab File: BF138339.D
 Acq: 25 Jun 2024 17:36

Tgt Ion:264 Resp: 547667
 Ion Ratio Lower Upper
 264 100
 260 23.9 18.7 28.1
 265 22.1 17.0 25.6

