

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062724\
 Data File : BF138363.D
 Acq On : 27 Jun 2024 13:27
 Operator : CG\JU
 Sample : PB161688TB
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB161688TB

Quant Time: Jun 27 13:58:30 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	6.881	152	226640	20.000	ng	-0.01
21) Naphthalene-d8	8.157	136	893009	20.000	ng	-0.02
39) Acenaphthene-d10	9.910	164	505839	20.000	ng	-0.02
64) Phenanthrene-d10	11.398	188	922773	20.000	ng	-0.02
76) Chrysene-d12	14.033	240	579188	20.000	ng	-0.02
86) Perylene-d12	15.504	264	519411	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	1607663	118.661	ng	0.00
7) Phenol-d6	6.516	99	1947715	113.372	ng	0.00
23) Nitrobenzene-d5	7.440	82	1263363	82.360	ng	-0.02
42) 2,4,6-Tribromophenol	10.704	330	669946	133.038	ng	-0.01
45) 2-Fluorobiphenyl	9.234	172	2494838	78.427	ng	-0.02
79) Terphenyl-d14	12.986	244	2979188	81.468	ng	-0.01

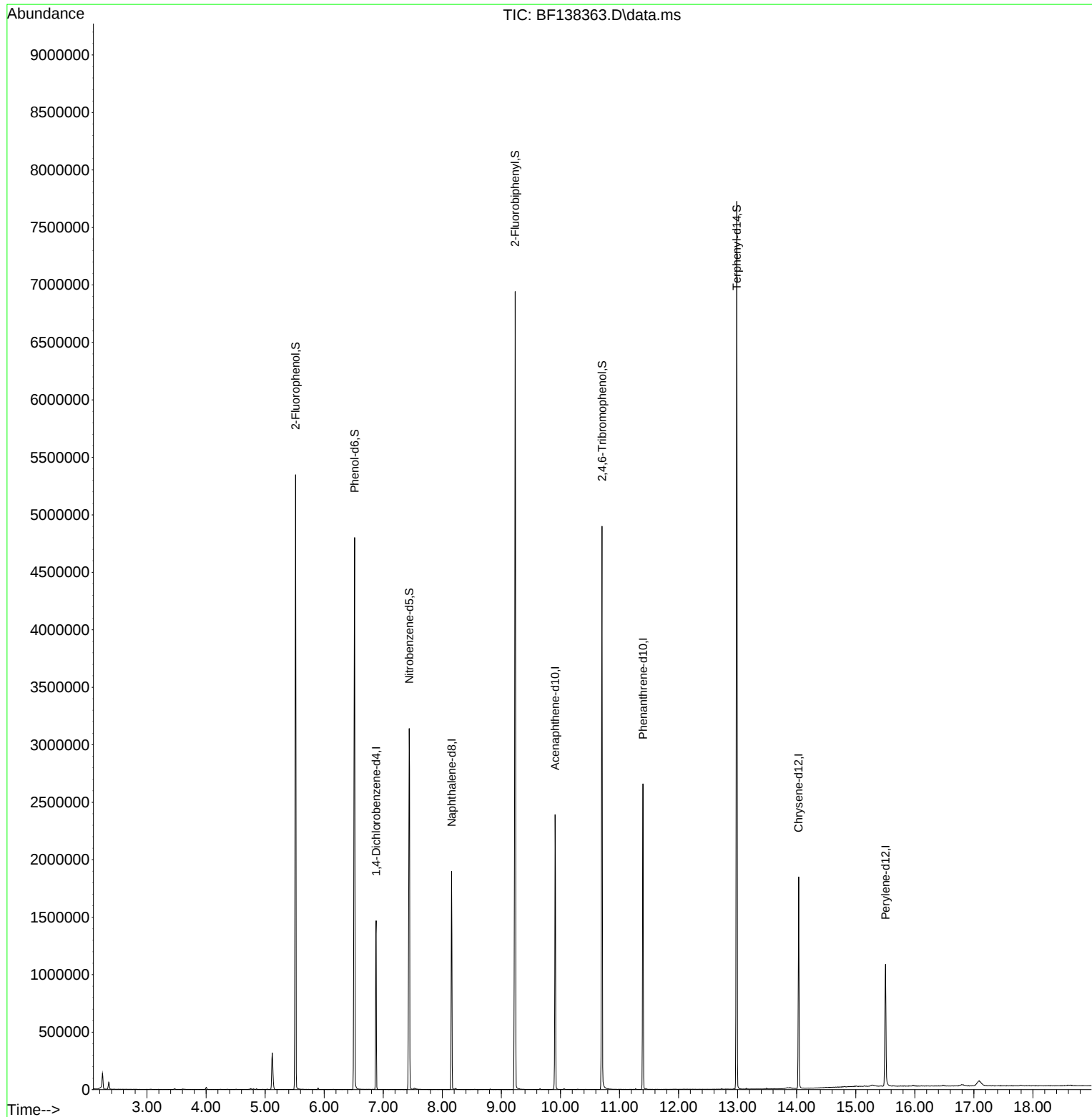
Target Compounds	Qvalue

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

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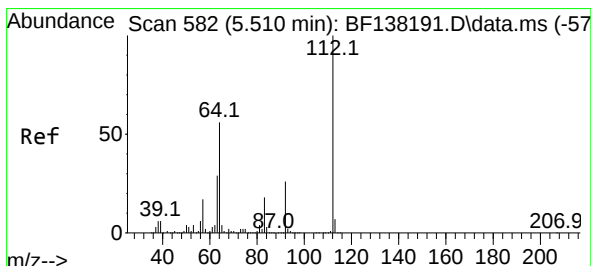
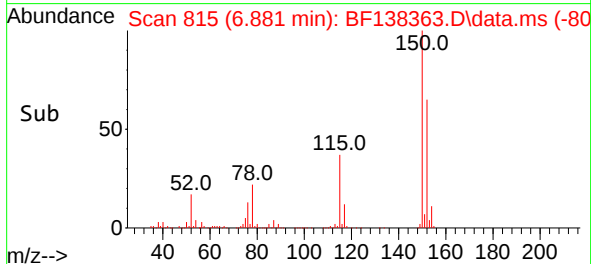
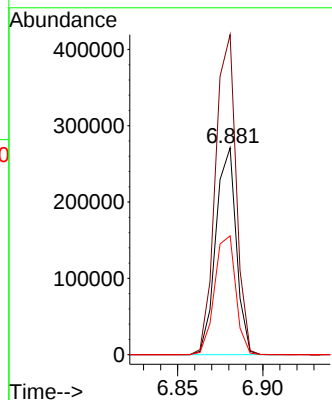
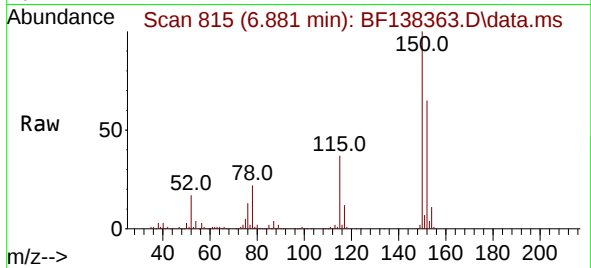




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 817
Delta R.T. -0.012 min
Lab File: BF138363.D
Acq: 27 Jun 2024 13:27

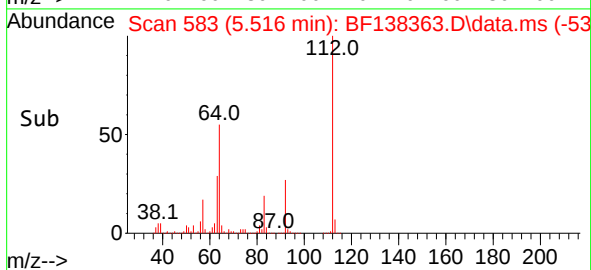
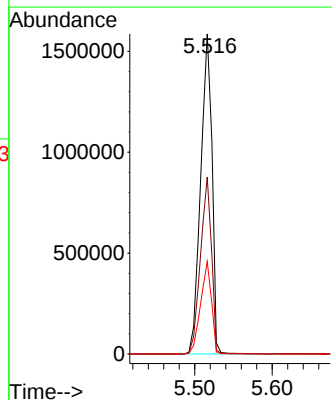
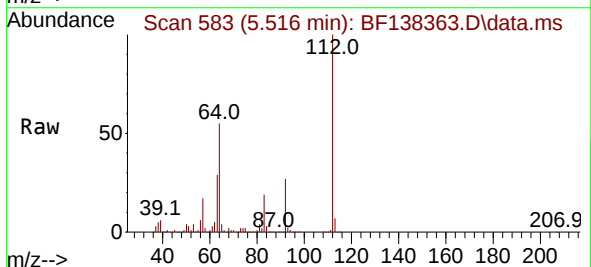
Instrument :
BNA_F
ClientSampleId :
PB161688TB

Tgt Ion:152 Resp: 226640
Ion Ratio Lower Upper
152 100
150 154.6 125.0 187.4
115 57.4 48.4 72.6



#5
2-Fluorophenol
Concen: 118.661 ng
RT: 5.516 min Scan# 583
Delta R.T. 0.006 min
Lab File: BF138363.D
Acq: 27 Jun 2024 13:27

Tgt Ion:112 Resp: 1607663
Ion Ratio Lower Upper
112 100
64 55.3 45.2 67.8
63 28.8 22.9 34.3

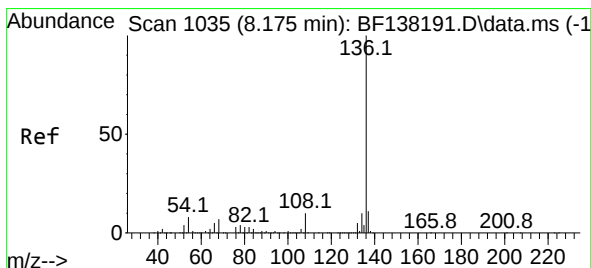
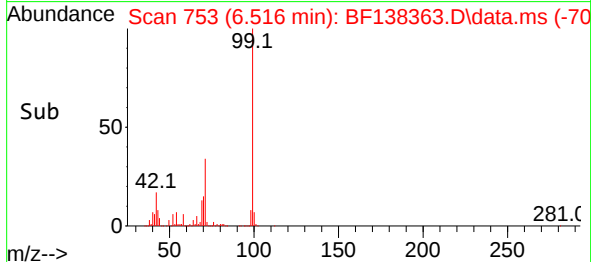
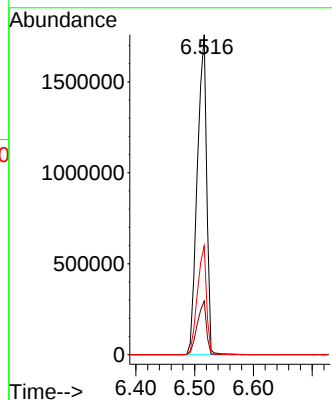
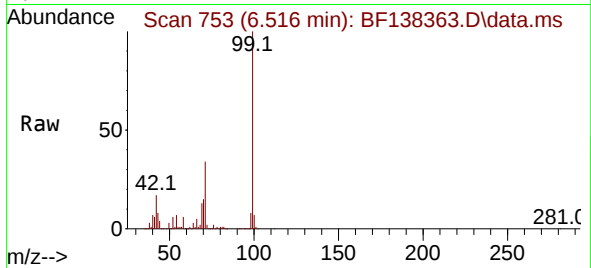




#7
Phenol-d6
Concen: 113.372 ng
RT: 6.516 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF138363.D
Acq: 27 Jun 2024 13:27

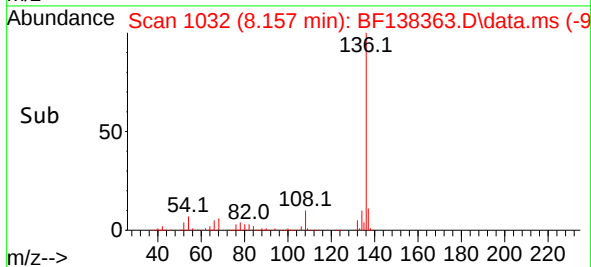
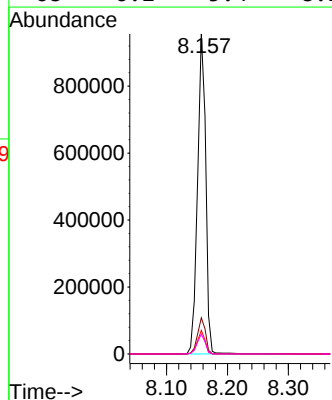
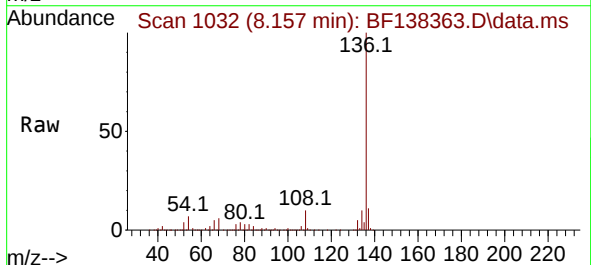
Instrument :
BNA_F
ClientSampleId :
PB161688TB

Tgt Ion: 99 Resp: 1947715
Ion Ratio Lower Upper
99 100
42 16.8 13.7 20.5
71 34.0 25.0 37.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1032
Delta R.T. -0.018 min
Lab File: BF138363.D
Acq: 27 Jun 2024 13:27

Tgt Ion: 136 Resp: 893009
Ion Ratio Lower Upper
136 100
137 11.3 9.1 13.7
54 7.4 6.6 10.0
68 6.2 5.4 8.2





#23

Nitrobenzene-d5

Concen: 82.360 ng

RT: 7.440 min Scan# 913

Delta R.T. -0.018 min

Lab File: BF138363.D

Acq: 27 Jun 2024 13:27

Instrument :

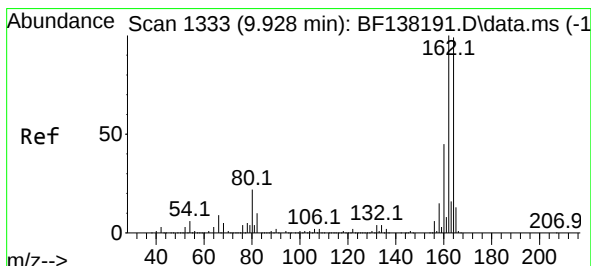
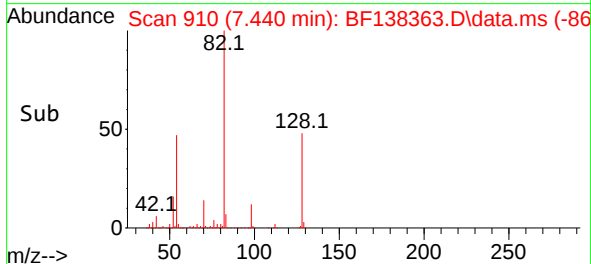
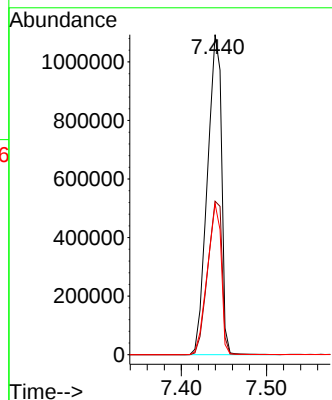
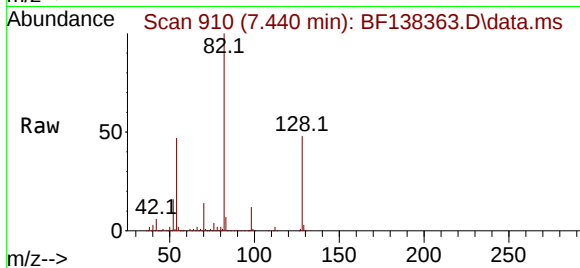
BNA_F

ClientSampleId :

PB161688TB

Tgt Ion: 82 Resp: 1263363

Ion	Ratio	Lower	Upper
82	100		
128	48.0	37.2	55.8
54	47.2	39.8	59.6



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.910 min Scan# 1330

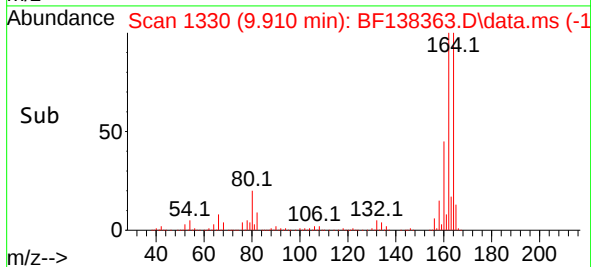
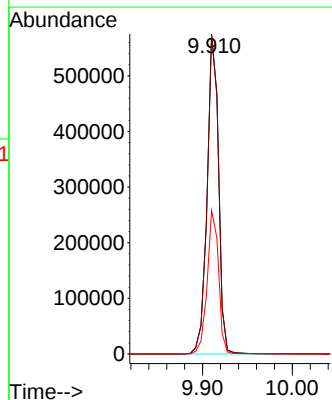
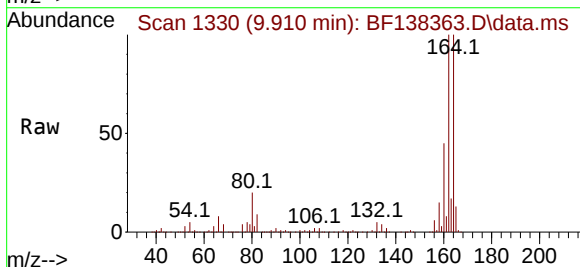
Delta R.T. -0.018 min

Lab File: BF138363.D

Acq: 27 Jun 2024 13:27

Tgt Ion: 164 Resp: 505839

Ion	Ratio	Lower	Upper
164	100		
162	99.8	80.6	121.0
160	44.9	36.3	54.5



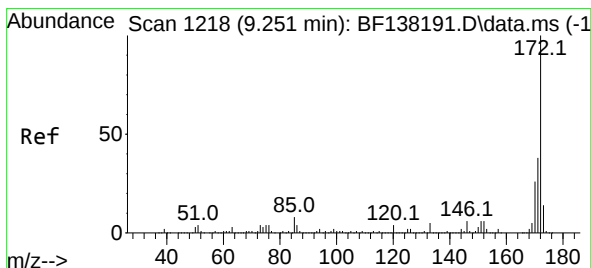
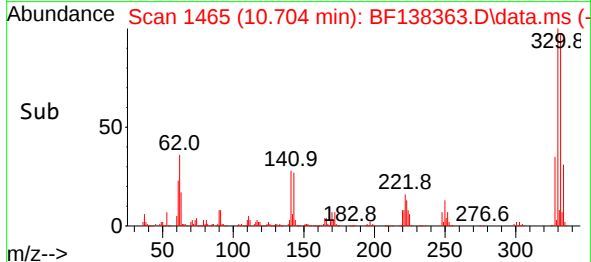
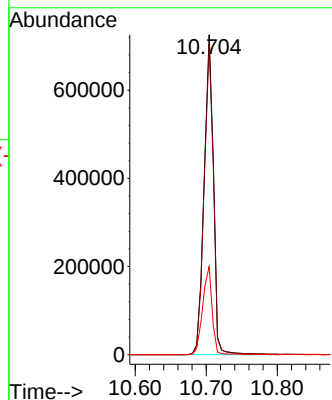
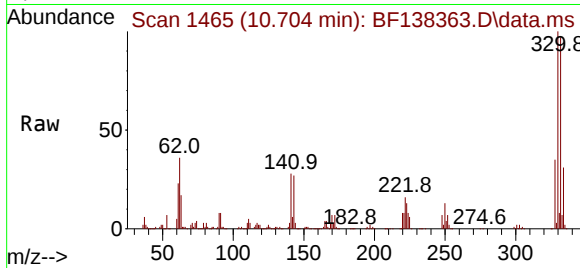


#42
 2,4,6-Tribromophenol
 Concen: 133.038 ng
 RT: 10.704 min Scan# 1465
 Delta R.T. -0.012 min
 Lab File: BF138363.D
 Acq: 27 Jun 2024 13:27

Instrument :
 BNA_F
 ClientSampleId :
 PB161688TB

Tgt Ion:330 Resp: 669946

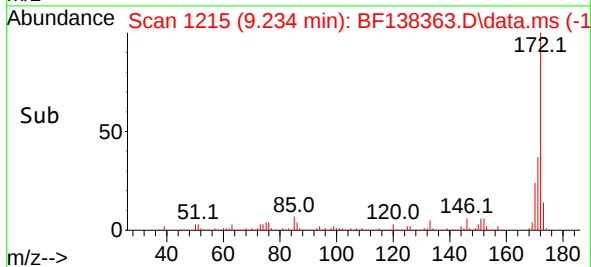
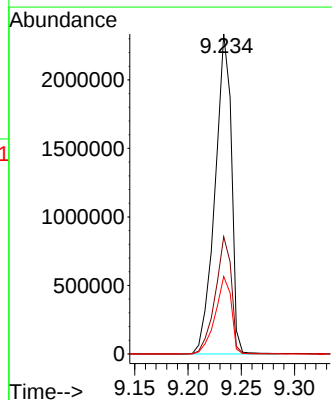
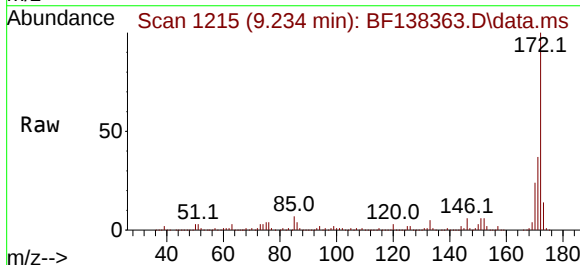
Ion	Ratio	Lower	Upper
330	100		
332	96.9	76.6	115.0
141	27.9	23.9	35.9

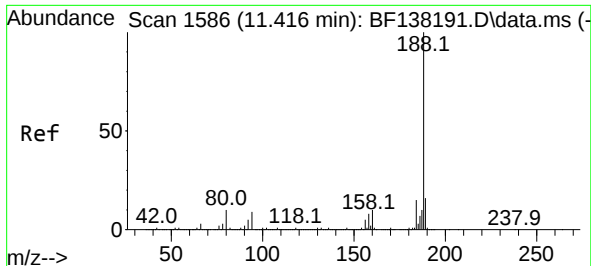


#45
 2-Fluorobiphenyl
 Concen: 78.427 ng
 RT: 9.234 min Scan# 1215
 Delta R.T. -0.017 min
 Lab File: BF138363.D
 Acq: 27 Jun 2024 13:27

Tgt Ion:172 Resp: 2494838

Ion	Ratio	Lower	Upper
172	100		
171	36.7	30.3	45.5
170	24.2	20.6	30.8

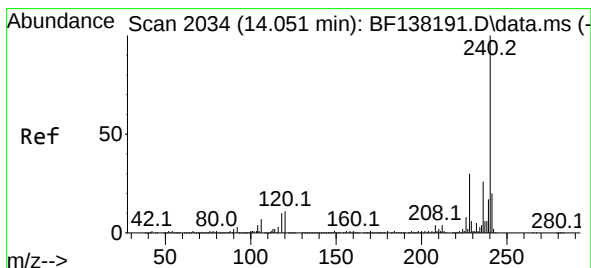
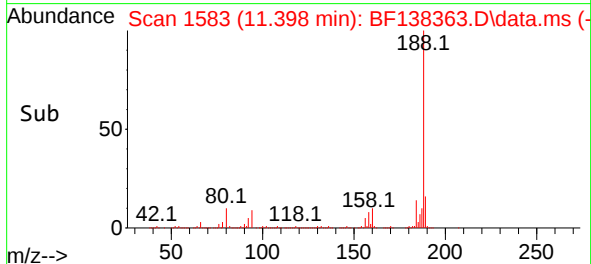
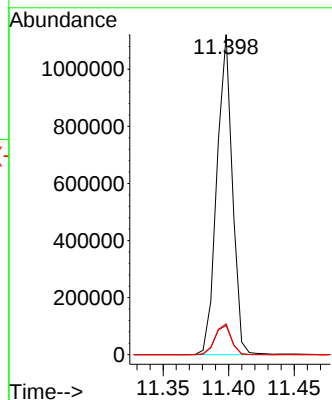
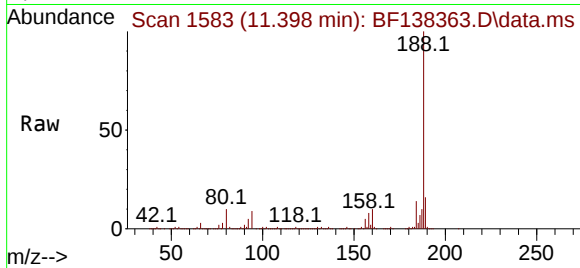




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 1583
Delta R.T. -0.018 min
Lab File: BF138363.D
Acq: 27 Jun 2024 13:27

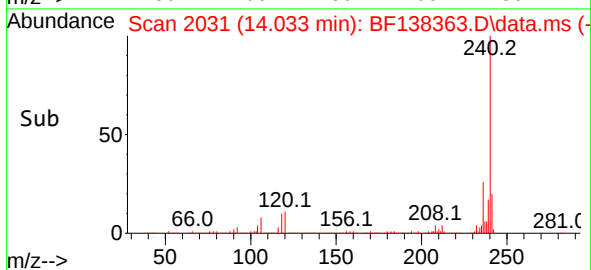
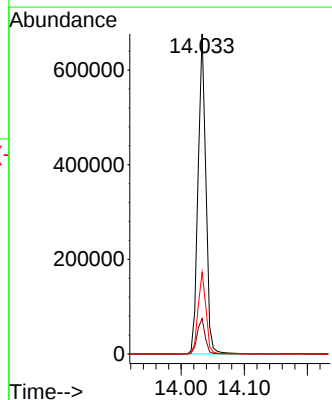
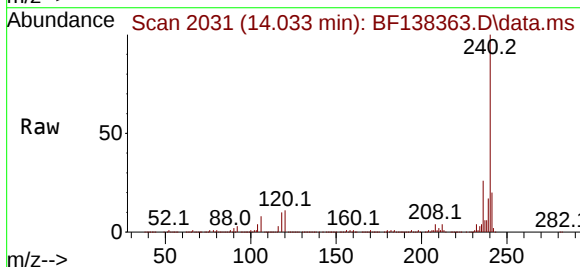
Instrument :
BNA_F
ClientSampleId :
PB161688TB

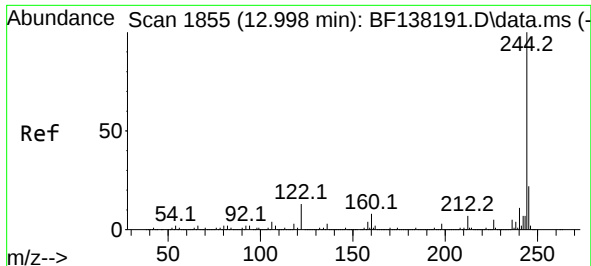
Tgt Ion:188 Resp: 922773
Ion Ratio Lower Upper
188 100
94 9.2 7.6 11.4
80 9.7 8.1 12.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.033 min Scan# 2031
Delta R.T. -0.018 min
Lab File: BF138363.D
Acq: 27 Jun 2024 13:27

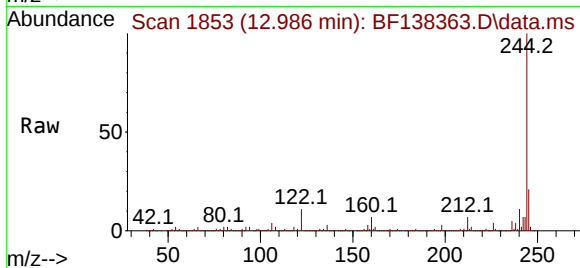
Tgt Ion:240 Resp: 579188
Ion Ratio Lower Upper
240 100
120 11.1 9.2 13.8
236 25.6 21.0 31.6





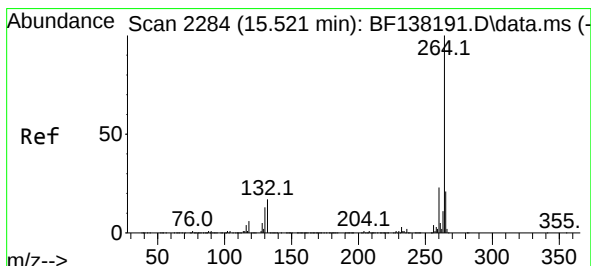
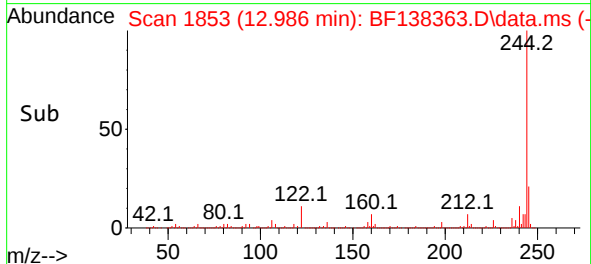
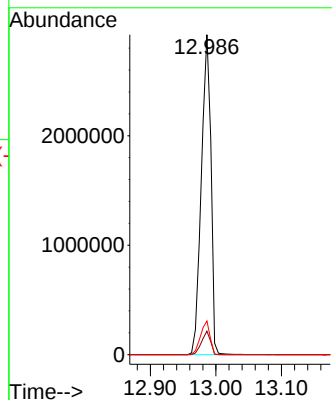
#79
 Terphenyl-d14
 Concen: 81.468 ng
 RT: 12.986 min Scan# 1853
 Delta R.T. -0.012 min
 Lab File: BF138363.D
 Acq: 27 Jun 2024 13:27

Instrument :
 BNA_F
 ClientSampleId :
 PB161688TB



Tgt Ion:244 Resp: 2979188

Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.9	8.9
122	10.6	10.6	15.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.504 min Scan# 2281
 Delta R.T. -0.018 min
 Lab File: BF138363.D
 Acq: 27 Jun 2024 13:27

Tgt Ion:264 Resp: 519411

Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.7	28.1
265	21.5	17.0	25.6

