

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF113023\
 Data File : BF136315.D
 Acq On : 30 Nov 2023 15:56
 Operator : CG\JU
 Sample : 05279-08
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MH-1

Quant Time: Nov 30 16:17:44 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 28 03:04:20 2023
 Response via : Initial Calibration

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

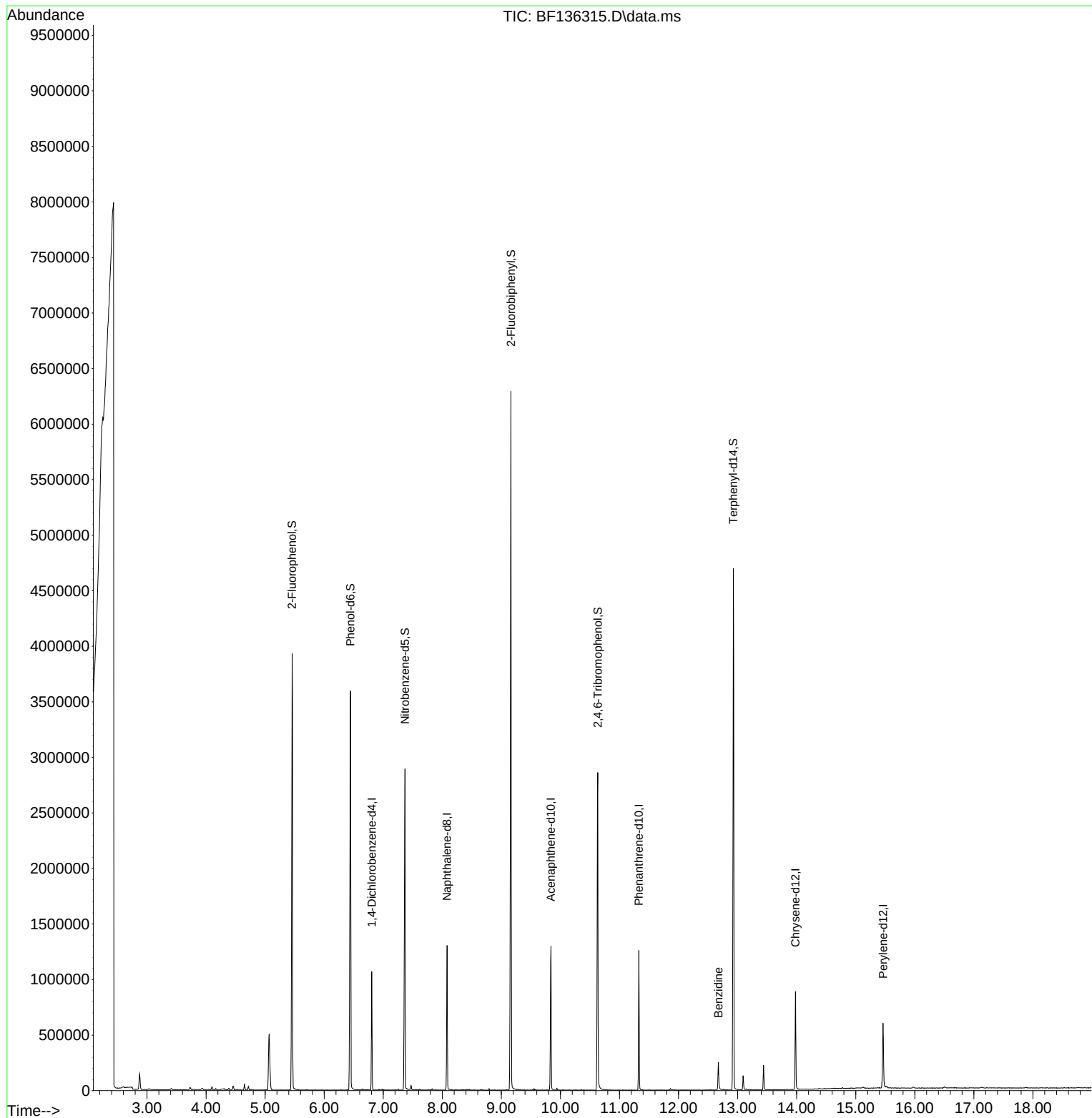
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.804	152	138530	20.000	ng	0.00
21) Naphthalene-d8	8.081	136	545753	20.000	ng	0.00
39) Acenaphthene-d10	9.839	164	261615	20.000	ng	0.00
64) Phenanthrene-d10	11.327	188	409425	20.000	ng	0.00
76) Chrysene-d12	13.980	240	279134	20.000	ng	-0.01
86) Perylene-d12	15.462	264	283363	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.457	112	1273771	127.979	ng	0.02
7) Phenol-d6	6.445	99	1443709	116.009	ng	0.00
23) Nitrobenzene-d5	7.369	82	1010235	97.817	ng	0.00
42) 2,4,6-Tribromophenol	10.633	330	423591	132.436	ng	0.00
45) 2-Fluorobiphenyl	9.163	172	1998527	97.576	ng	0.00
79) Terphenyl-d14	12.927	244	1801577	74.448	ng	0.00
Target Compounds						
77) Benzidine	12.674	184	106831	23.282	ng	Qvalue 98

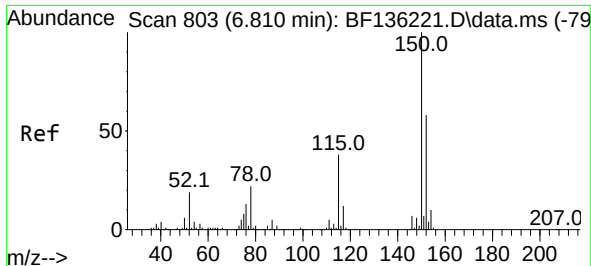
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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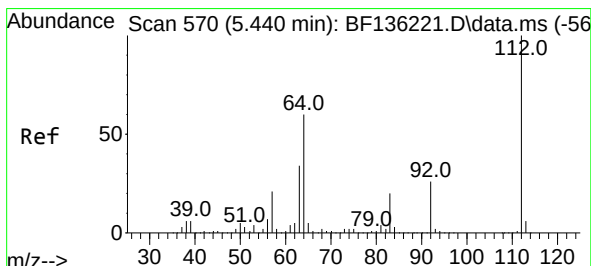
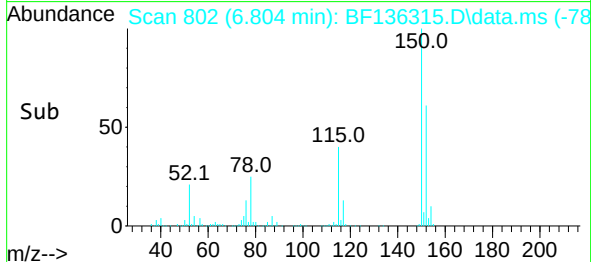
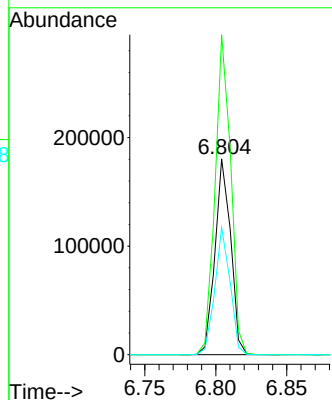
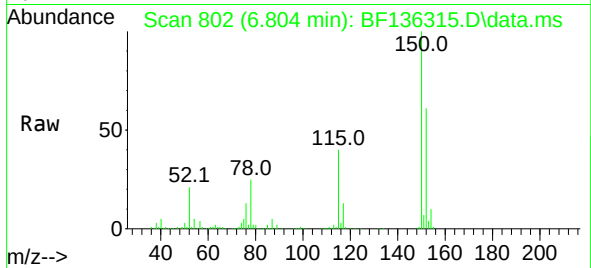




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.804 min Scan# 803
Delta R.T. -0.006 min
Lab File: BF136315.D
Acq: 30 Nov 2023 15:56

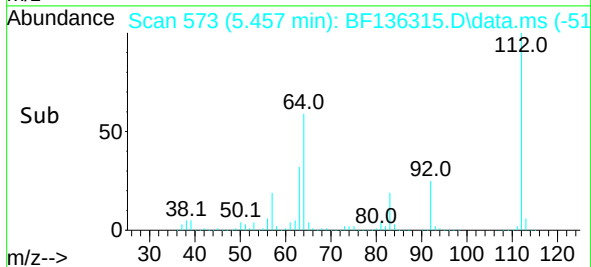
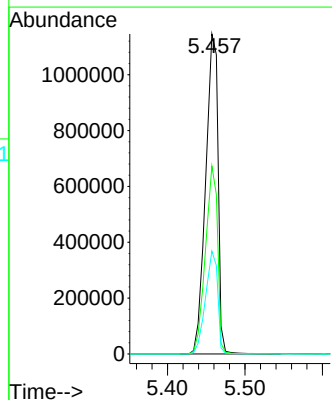
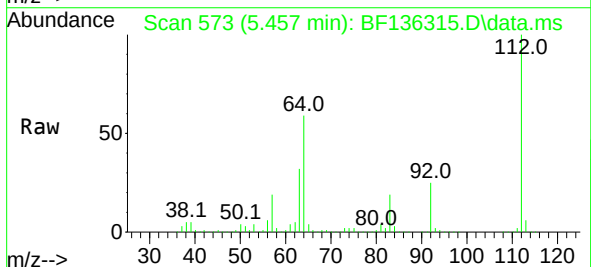
Instrument :
BNA_F
ClientSampleId :
MH-1

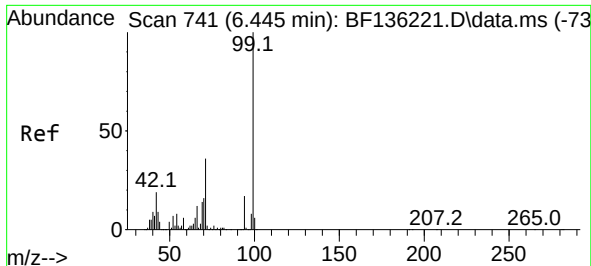
Tgt Ion:152 Resp: 138530
Ion Ratio Lower Upper
152 100
150 163.3 137.8 206.8
115 65.0 52.7 79.1



#5
2-Fluorophenol
Concen: 127.979 ng
RT: 5.457 min Scan# 573
Delta R.T. 0.018 min
Lab File: BF136315.D
Acq: 30 Nov 2023 15:56

Tgt Ion:112 Resp: 1273771
Ion Ratio Lower Upper
112 100
64 58.7 48.2 72.4
63 32.1 27.0 40.6



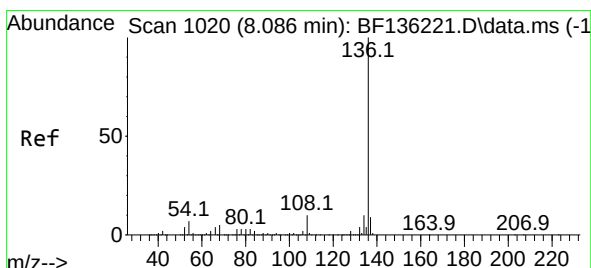
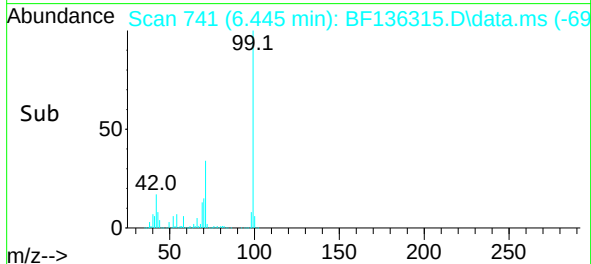
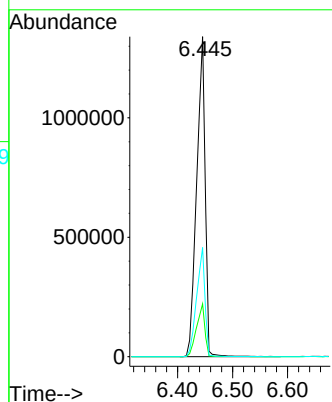
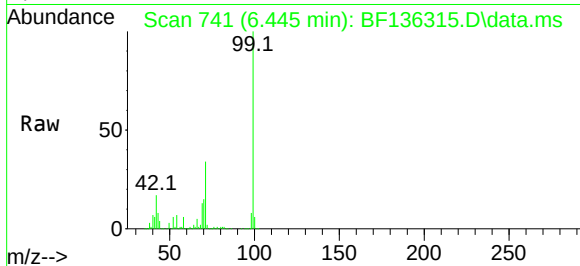


#7
Phenol-d6
Concen: 116.009 ng
RT: 6.445 min Scan# 741
Delta R.T. 0.000 min
Lab File: BF136315.D
Acq: 30 Nov 2023 15:56

Instrument :
BNA_F
ClientSampleId :
MH-1

Tgt Ion: 99 Resp: 1443709

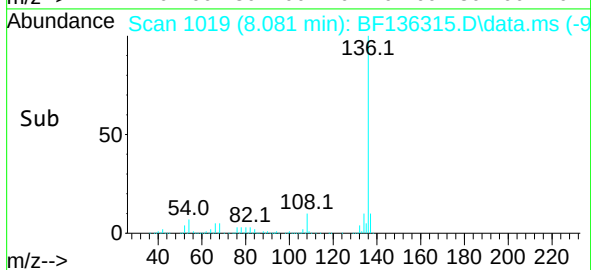
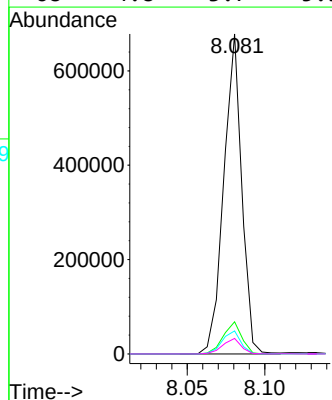
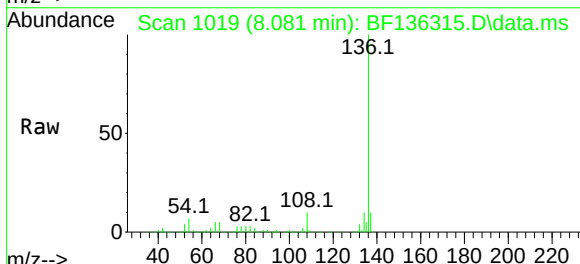
Ion	Ratio	Lower	Upper
99	100		
42	16.5	15.0	22.6
71	34.1	28.9	43.3

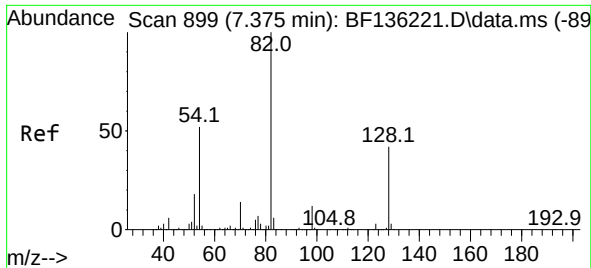


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.081 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BF136315.D
Acq: 30 Nov 2023 15:56

Tgt Ion: 136 Resp: 545753

Ion	Ratio	Lower	Upper
136	100		
137	10.0	7.4	11.2
54	7.2	5.5	8.3
68	4.8	3.7	5.5





#23

Nitrobenzene-d5

Concen: 97.817 ng

RT: 7.369 min Scan# 89

Delta R.T. -0.006 min

Lab File: BF136315.D

Acq: 30 Nov 2023 15:56

Instrument :

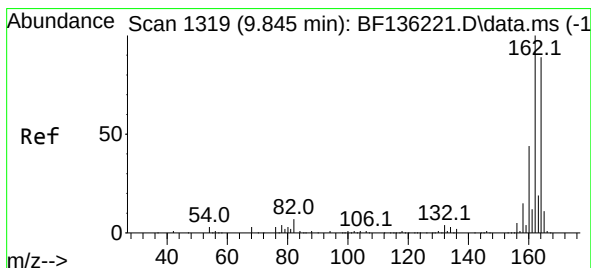
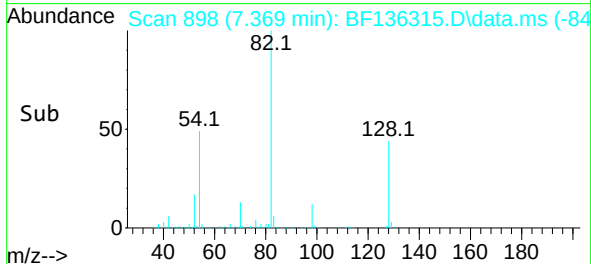
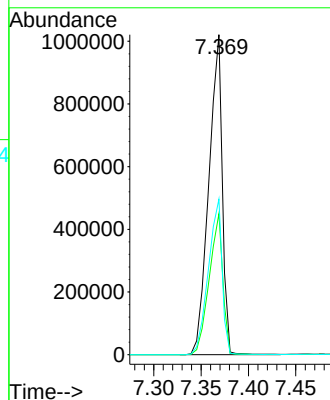
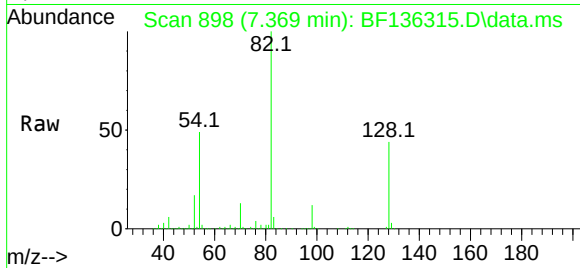
BNA_F

ClientSampleId :

MH-1

Tgt Ion: 82 Resp: 1010235

Ion	Ratio	Lower	Upper
82	100		
128	44.0	33.4	50.2
54	48.6	41.7	62.5



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.839 min Scan# 1318

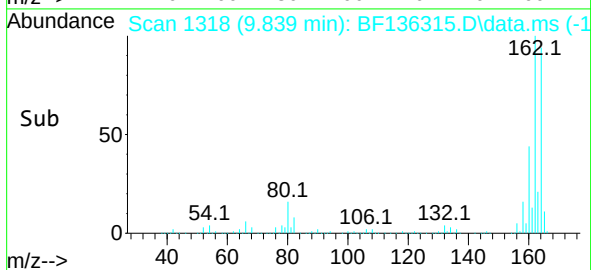
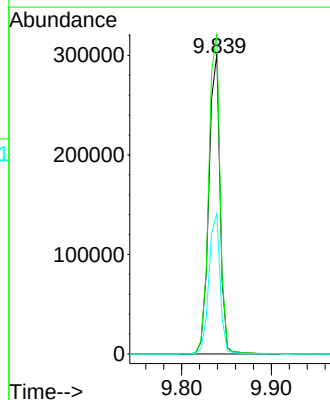
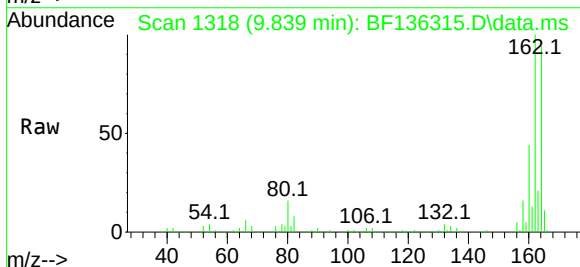
Delta R.T. -0.006 min

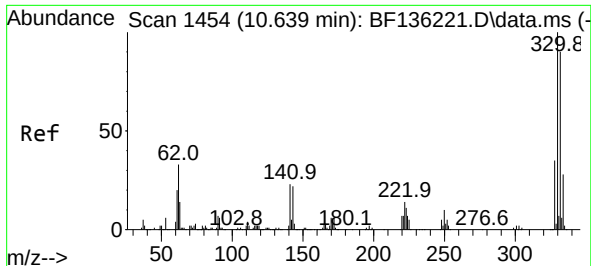
Lab File: BF136315.D

Acq: 30 Nov 2023 15:56

Tgt Ion:164 Resp: 261615

Ion	Ratio	Lower	Upper
164	100		
162	106.7	89.5	134.3
160	46.8	39.6	59.4

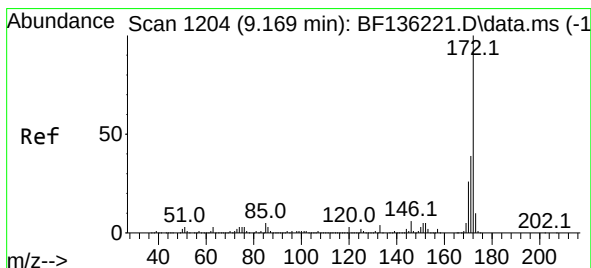
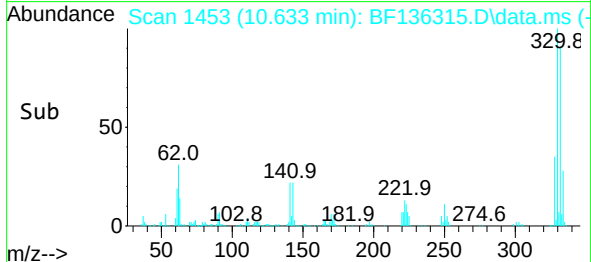
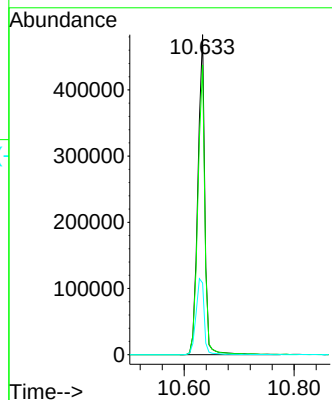
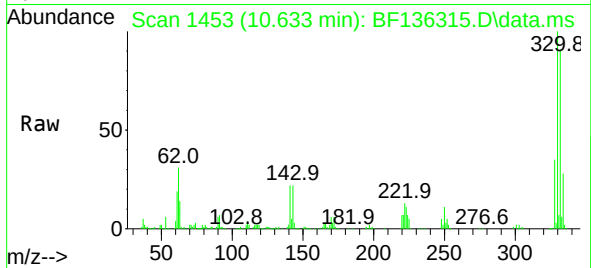




#42
2,4,6-Tribromophenol
Concen: 132.436 ng
RT: 10.633 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF136315.D
Acq: 30 Nov 2023 15:56

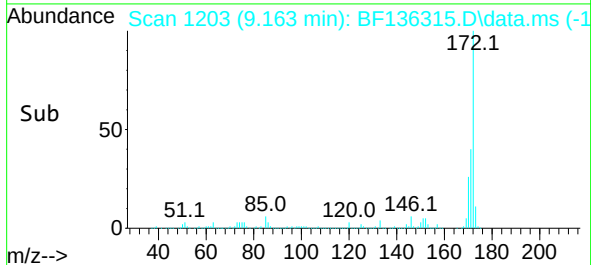
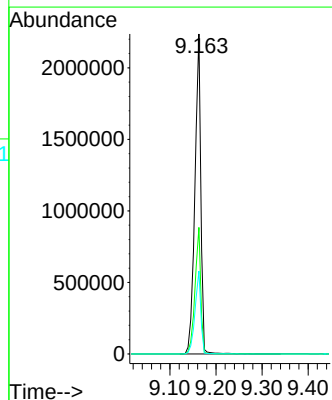
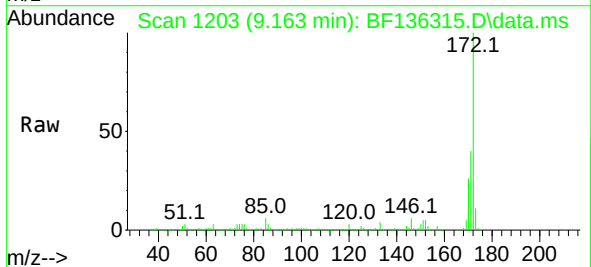
Instrument :
BNA_F
ClientSampleId :
MH-1

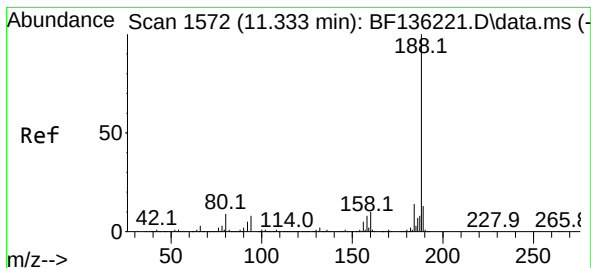
Tgt Ion:330 Resp: 423591
Ion Ratio Lower Upper
330 100
332 92.0 73.0 109.6
141 27.9 24.2 36.2



#45
2-Fluorobiphenyl
Concen: 97.576 ng
RT: 9.163 min Scan# 1203
Delta R.T. -0.006 min
Lab File: BF136315.D
Acq: 30 Nov 2023 15:56

Tgt Ion:172 Resp: 1998527
Ion Ratio Lower Upper
172 100
171 39.6 31.5 47.3
170 25.9 20.8 31.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.327 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF136315.D

Acq: 30 Nov 2023 15:56

Instrument :

BNA_F

ClientSampleId :

MH-1

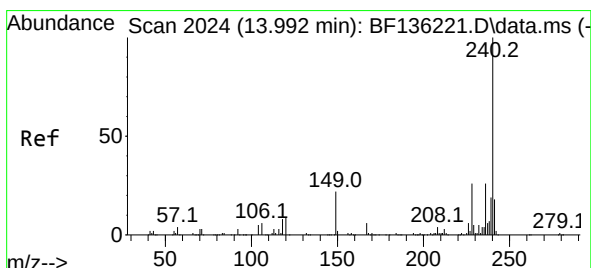
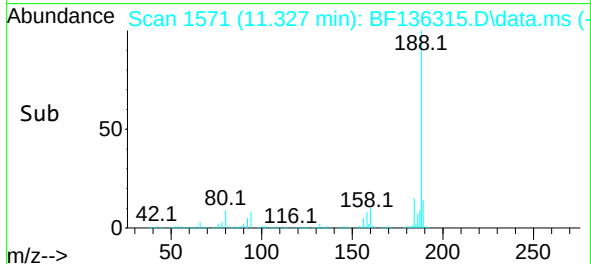
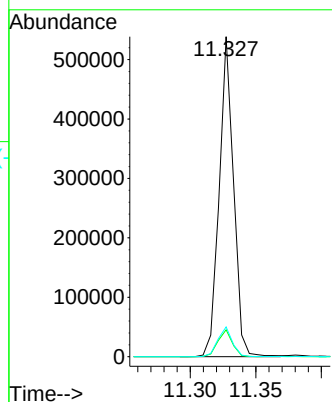
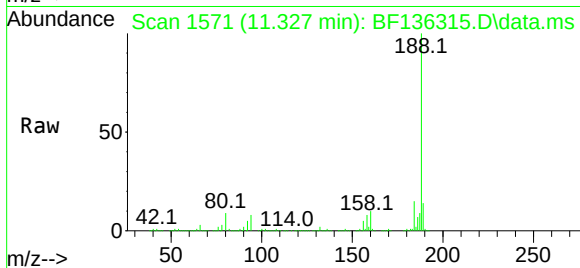
Tgt Ion:188 Resp: 409425

Ion Ratio Lower Upper

188 100

94 8.4 6.7 10.1

80 9.3 7.2 10.8



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.980 min Scan# 2022

Delta R.T. -0.012 min

Lab File: BF136315.D

Acq: 30 Nov 2023 15:56

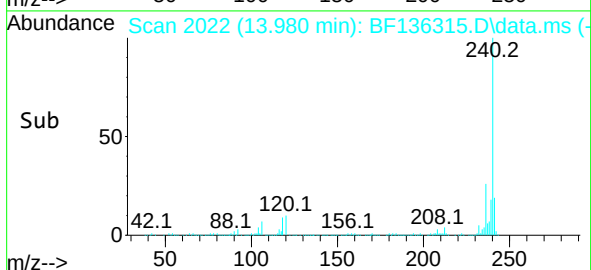
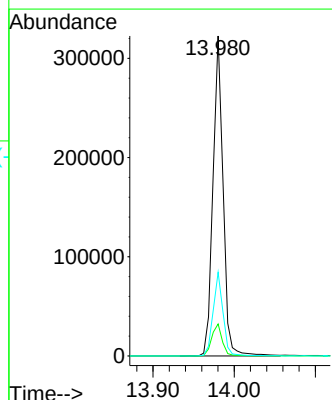
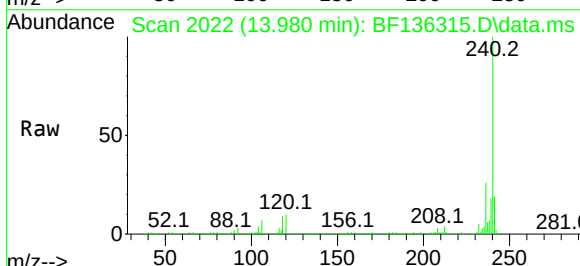
Tgt Ion:240 Resp: 279134

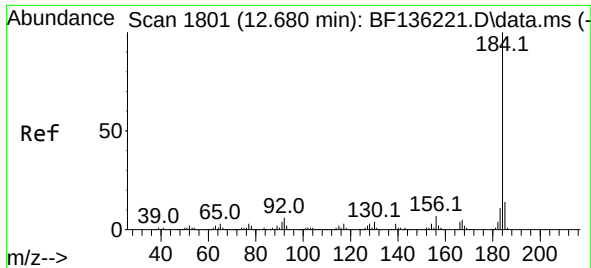
Ion Ratio Lower Upper

240 100

120 10.0 7.4 11.2

236 26.1 21.1 31.7

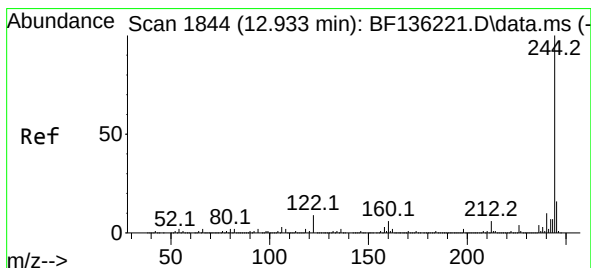
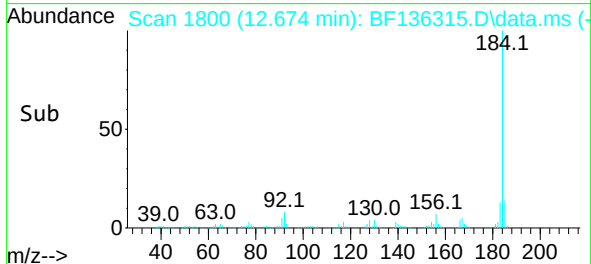
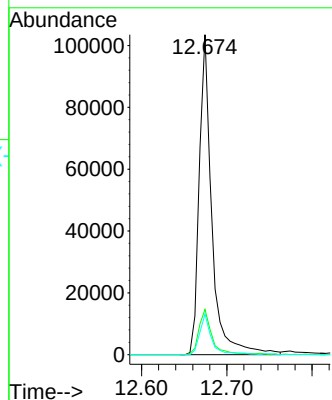
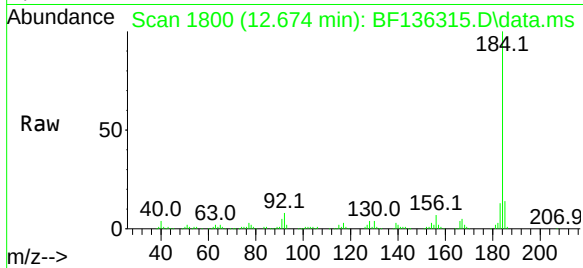




#77
Benzidine
Concen: 23.282 ng
RT: 12.674 min Scan# 1800
Delta R.T. -0.006 min
Lab File: BF136315.D
Acq: 30 Nov 2023 15:56

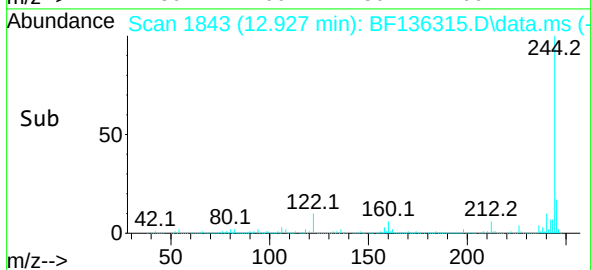
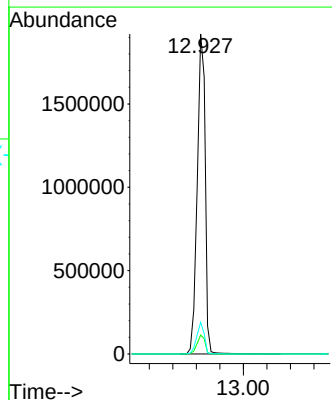
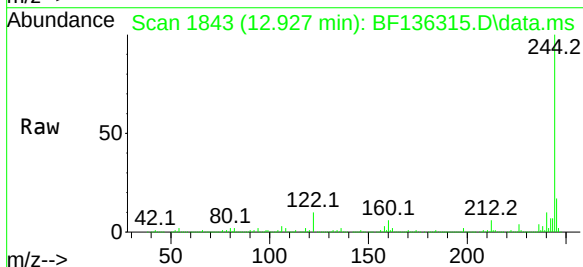
Instrument :
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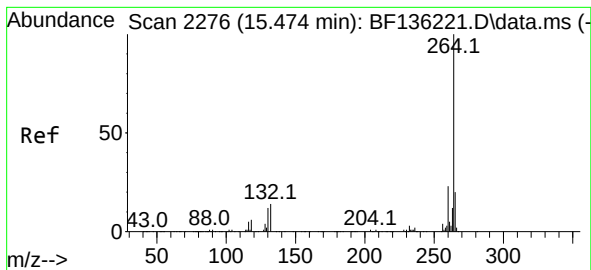
Tgt Ion:184 Resp: 106831
Ion Ratio Lower Upper
184 100
185 14.2 11.0 16.6
183 12.7 9.0 13.4



#79
Terphenyl-d14
Concen: 74.448 ng
RT: 12.927 min Scan# 1843
Delta R.T. -0.006 min
Lab File: BF136315.D
Acq: 30 Nov 2023 15:56

Tgt Ion:244 Resp: 1801577
Ion Ratio Lower Upper
244 100
212 5.9 4.6 7.0
122 9.9 7.3 10.9





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.462 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF136315.D
Acq: 30 Nov 2023 15:56

Instrument :
BNA_F
ClientSampleId :
MH-1

Tgt Ion:264 Resp: 283363

Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.6	27.8
265	20.7	15.7	23.5

