

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102823\
 Data File : BF136008.D
 Acq On : 28 Oct 2023 16:37
 Operator : CG\JU
 Sample : 05081-03
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BALLARDS

Quant Time: Oct 30 00:27:06 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 26 03:58:01 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.822	152	150806	20.000	ng	0.00
21) Naphthalene-d8	8.104	136	590340	20.000	ng	0.00
39) Acenaphthene-d10	9.863	164	303864	20.000	ng	0.00
64) Phenanthrene-d10	11.351	188	559191	20.000	ng	0.00
76) Chrysene-d12	14.004	240	335600	20.000	ng	0.00
86) Perylene-d12	15.492	264	356029	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	543791	55.681	ng	0.00
7) Phenol-d6	6.451	99	838863	68.994	ng	0.00
23) Nitrobenzene-d5	7.387	82	557074	63.709	ng	0.00
42) 2,4,6-Tribromophenol	10.651	330	134969	50.746	ng	0.00
45) 2-Fluorobiphenyl	9.181	172	1077216	56.765	ng	0.00
79) Terphenyl-d14	12.951	244	1249850	62.223	ng	0.00

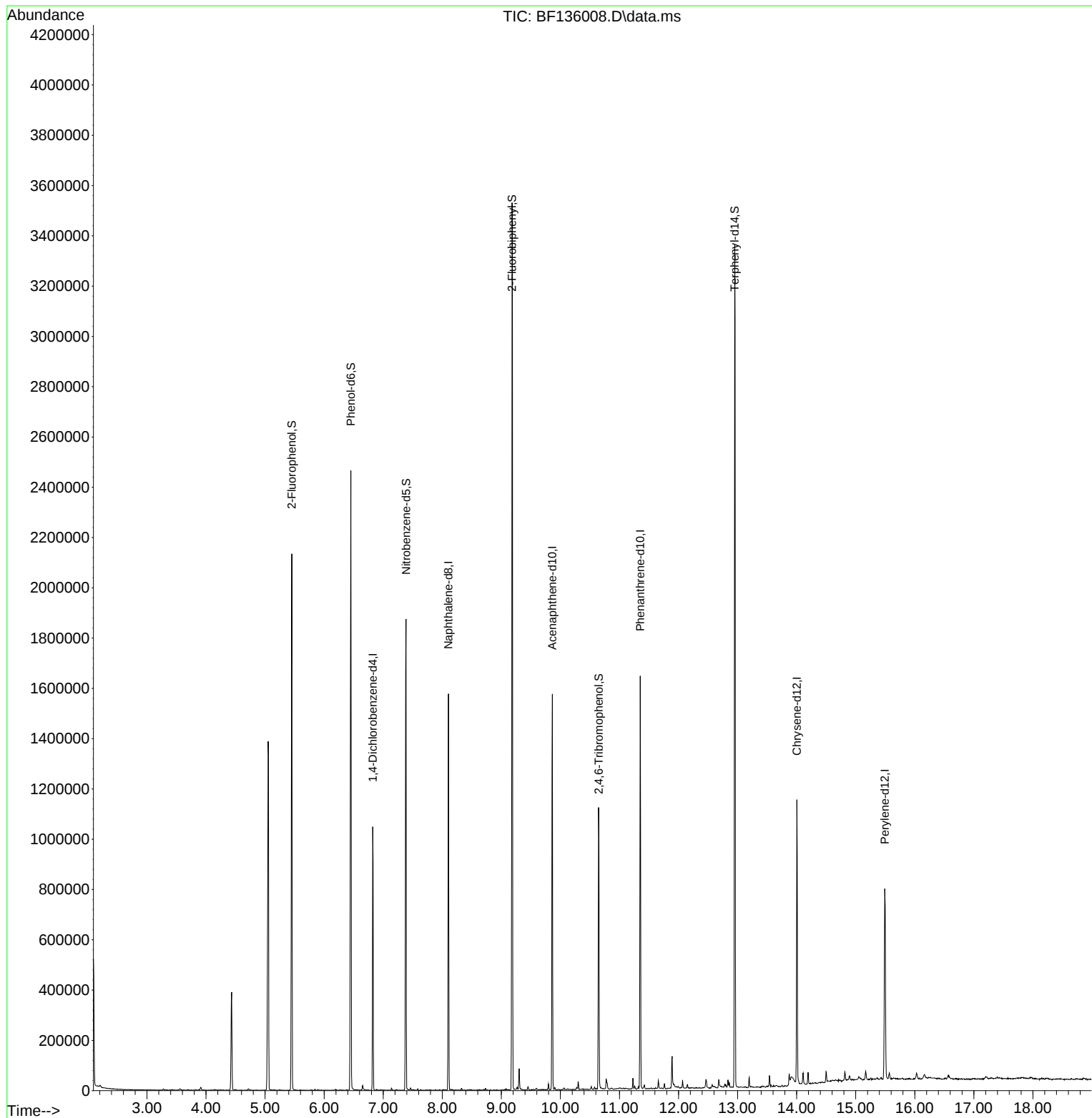
Target Compounds	Qvalue

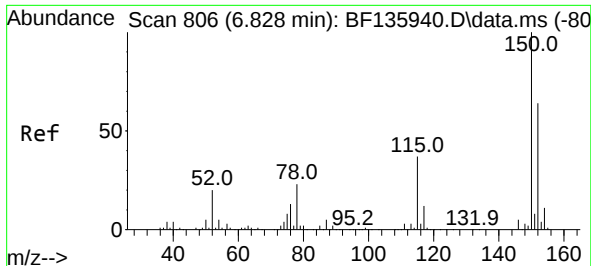
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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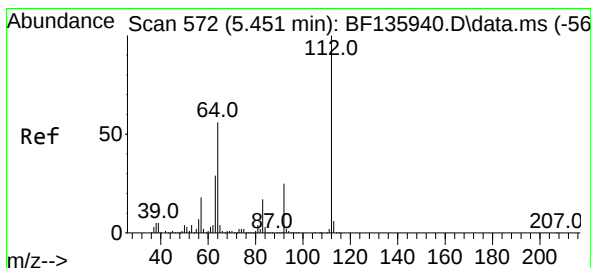
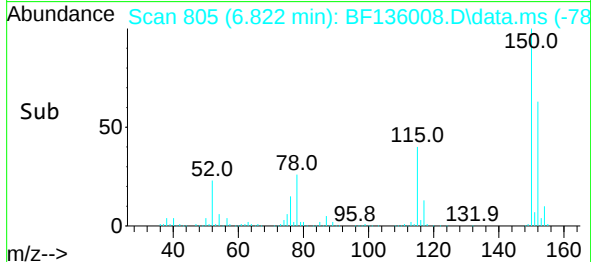
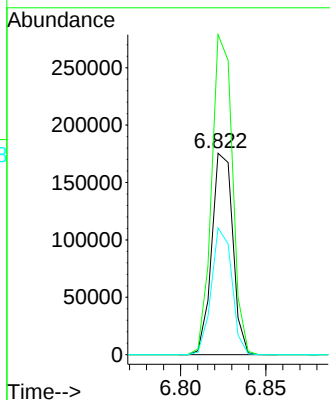
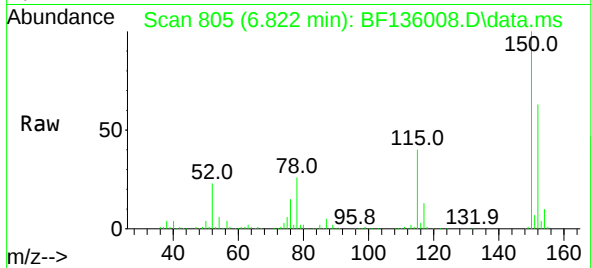




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.822 min Scan# 806
Delta R.T. -0.006 min
Lab File: BF136008.D
Acq: 28 Oct 2023 16:37

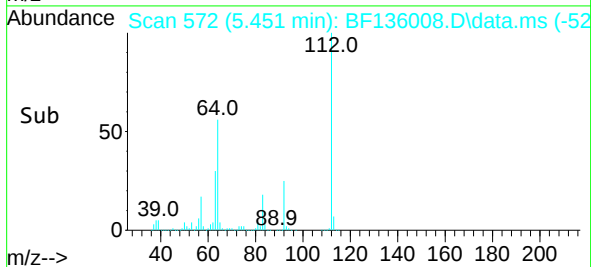
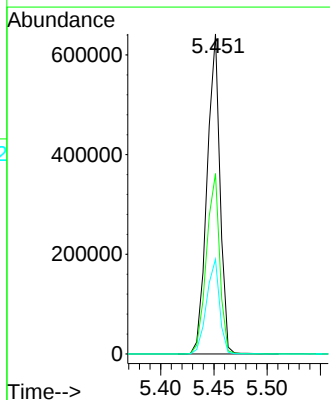
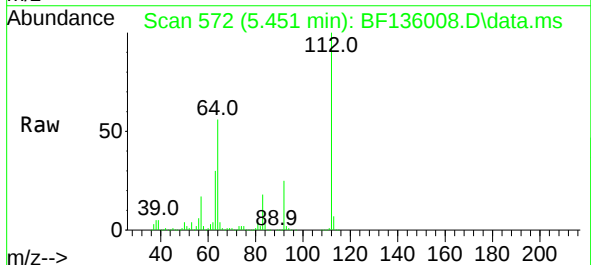
Instrument :
BNA_F
ClientSampleId :
BALLARDS

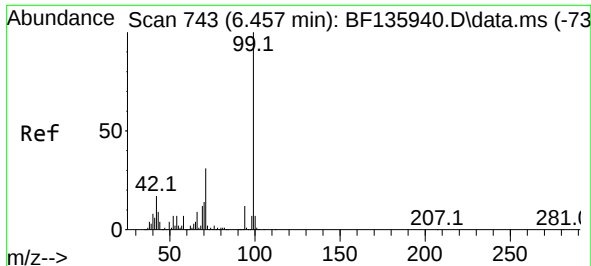
Tgt Ion:152 Resp: 150806
Ion Ratio Lower Upper
152 100
150 158.8 124.6 186.8
115 62.9 46.6 69.8



#5
2-Fluorophenol
Concen: 55.681 ng
RT: 5.451 min Scan# 572
Delta R.T. 0.000 min
Lab File: BF136008.D
Acq: 28 Oct 2023 16:37

Tgt Ion:112 Resp: 543791
Ion Ratio Lower Upper
112 100
64 56.4 45.1 67.7
63 29.6 23.0 34.4

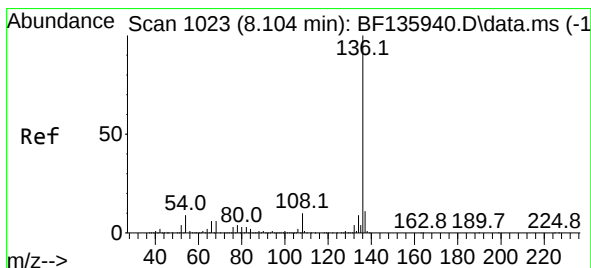
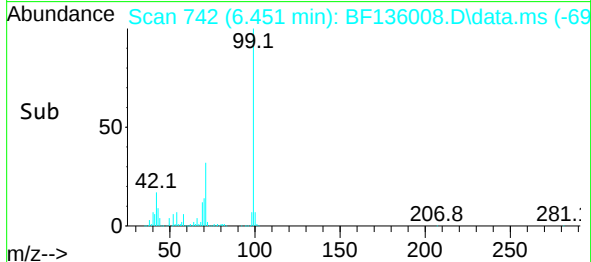
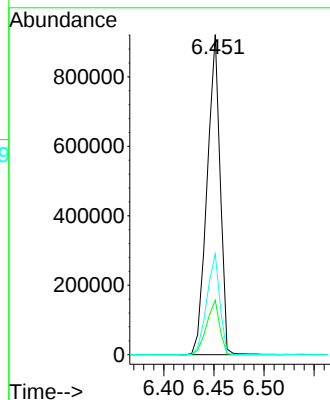
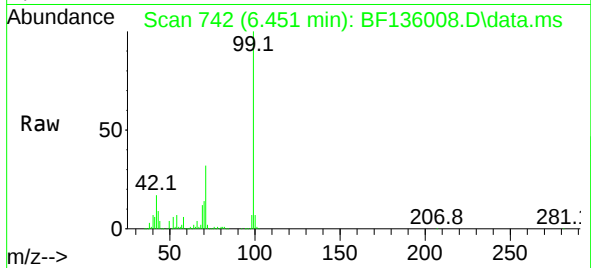




#7
Phenol-d6
Concen: 68.994 ng
RT: 6.451 min Scan# 743
Delta R.T. -0.006 min
Lab File: BF136008.D
Acq: 28 Oct 2023 16:37

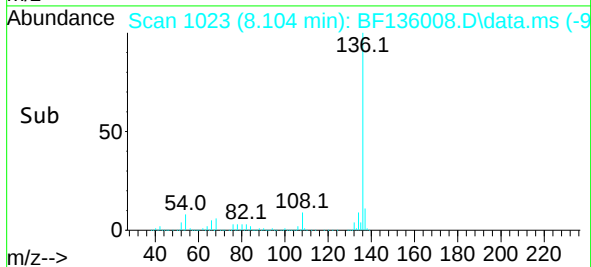
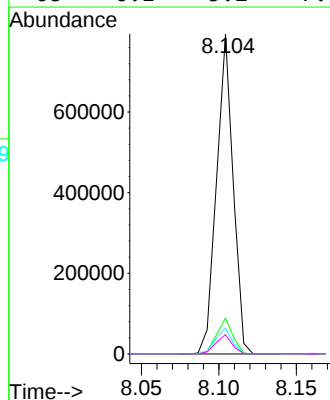
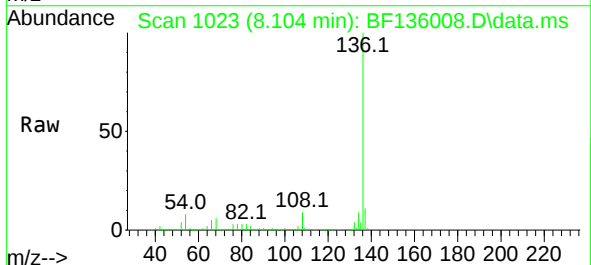
Instrument :
BNA_F
ClientSampleId :
BALLARDS

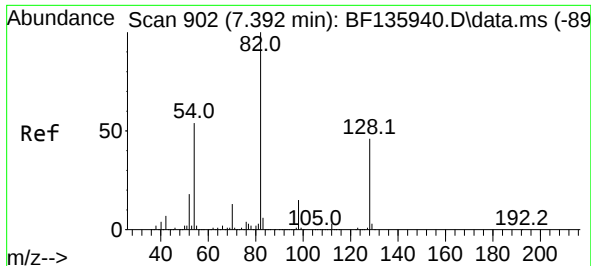
Tgt Ion: 99 Resp: 838863
Ion Ratio Lower Upper
99 100
42 17.0 13.8 20.8
71 31.5 25.1 37.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.104 min Scan# 1023
Delta R.T. 0.000 min
Lab File: BF136008.D
Acq: 28 Oct 2023 16:37

Tgt Ion: 136 Resp: 590340
Ion Ratio Lower Upper
136 100
137 11.2 9.0 13.6
54 8.1 7.1 10.7
68 6.1 5.2 7.8





#23

Nitrobenzene-d5

Concen: 63.709 ng

RT: 7.387 min Scan# 901

Delta R.T. -0.005 min

Lab File: BF136008.D

Acq: 28 Oct 2023 16:37

Instrument :

BNA_F

ClientSampleId :

BALLARDS

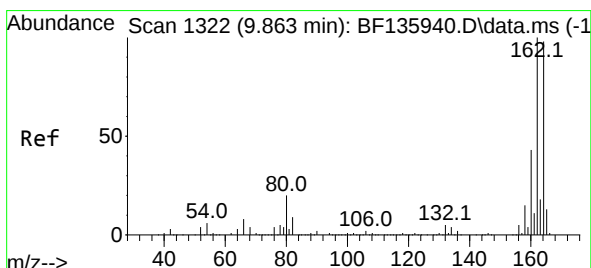
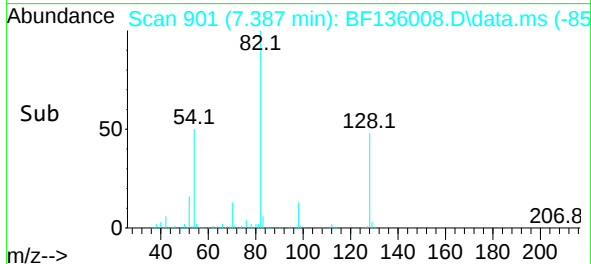
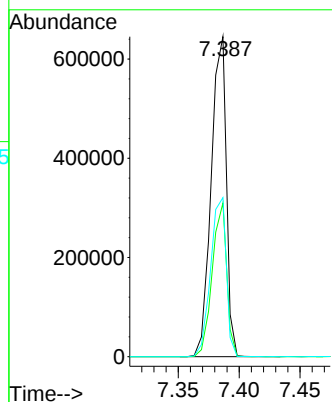
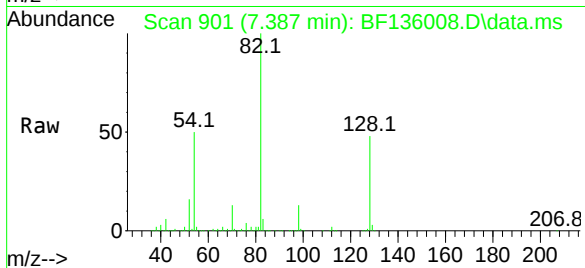
Tgt Ion: 82 Resp: 557074

Ion Ratio Lower Upper

82 100

128 48.0 36.8 55.2

54 49.7 43.4 65.0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.863 min Scan# 1322

Delta R.T. -0.000 min

Lab File: BF136008.D

Acq: 28 Oct 2023 16:37

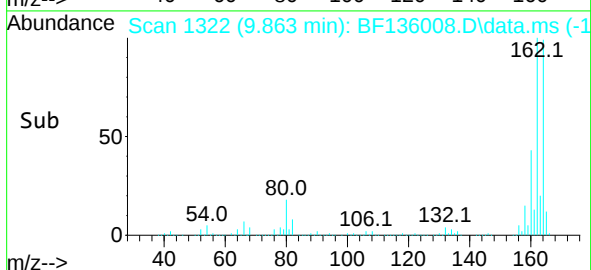
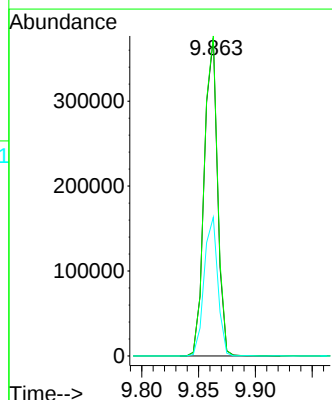
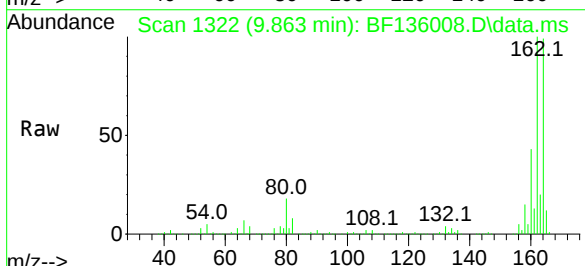
Tgt Ion: 164 Resp: 303864

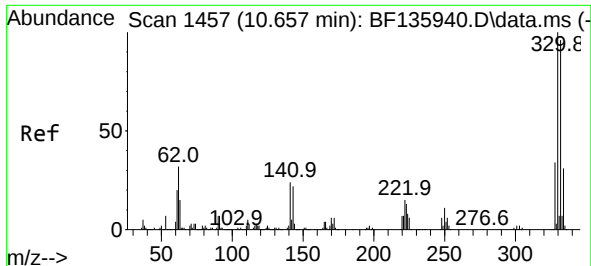
Ion Ratio Lower Upper

164 100

162 100.7 82.0 123.0

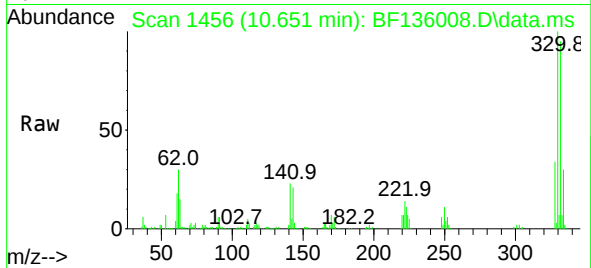
160 43.6 35.6 53.4



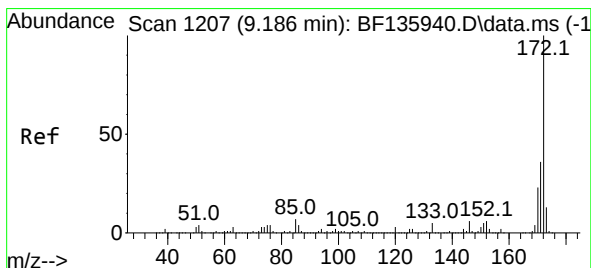
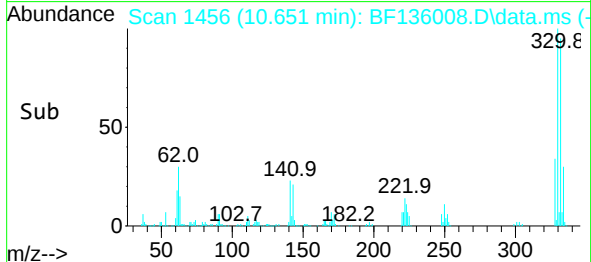
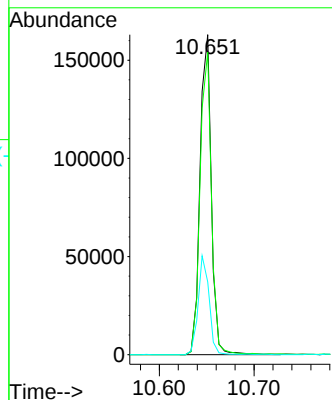


#42
2,4,6-Tribromophenol
Concen: 50.746 ng
RT: 10.651 min Scan# 1457
Delta R.T. -0.006 min
Lab File: BF136008.D
Acq: 28 Oct 2023 16:37

Instrument :
BNA_F
ClientSampleId :
BALLARDS

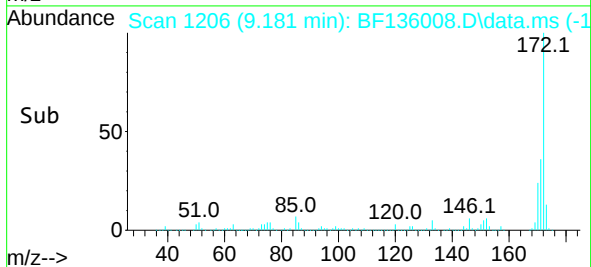
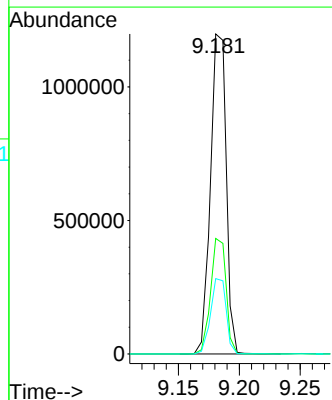
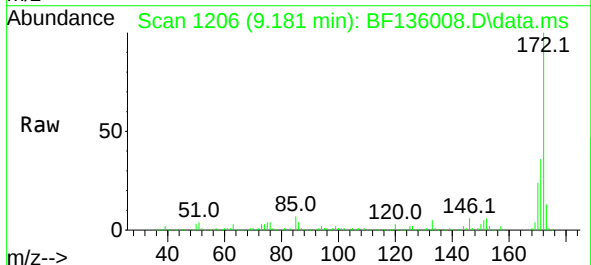


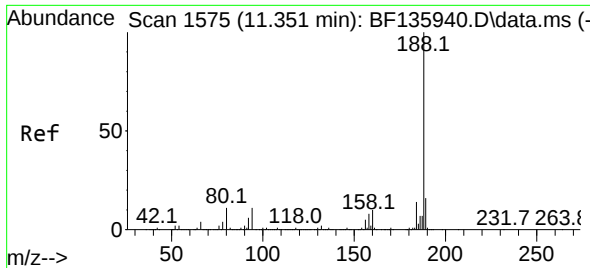
Tgt Ion:330 Resp: 134969
Ion Ratio Lower Upper
330 100
332 95.6 77.4 116.2
141 30.1 24.9 37.3



#45
2-Fluorobiphenyl
Concen: 56.765 ng
RT: 9.181 min Scan# 1206
Delta R.T. -0.006 min
Lab File: BF136008.D
Acq: 28 Oct 2023 16:37

Tgt Ion:172 Resp: 1077216
Ion Ratio Lower Upper
172 100
171 36.1 28.6 43.0
170 23.6 18.6 28.0

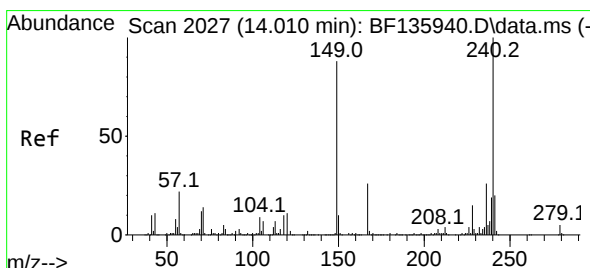
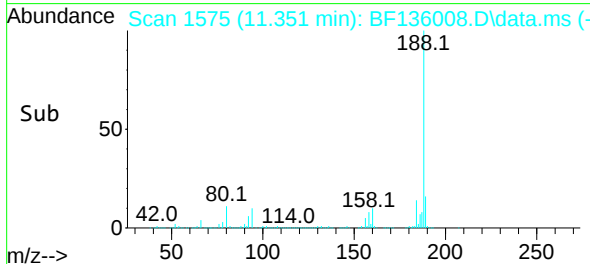
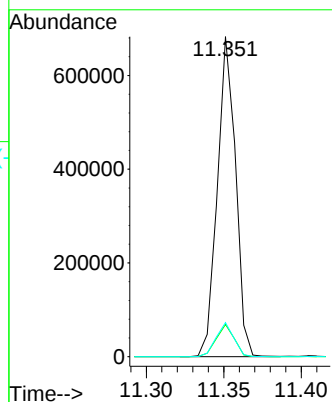
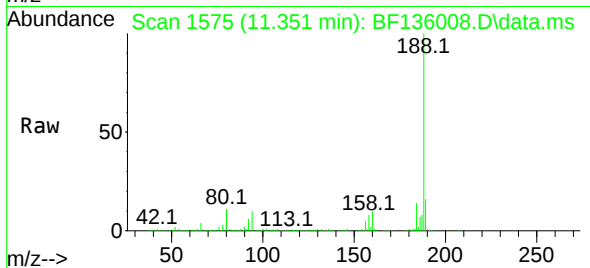




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.351 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF136008.D
Acq: 28 Oct 2023 16:37

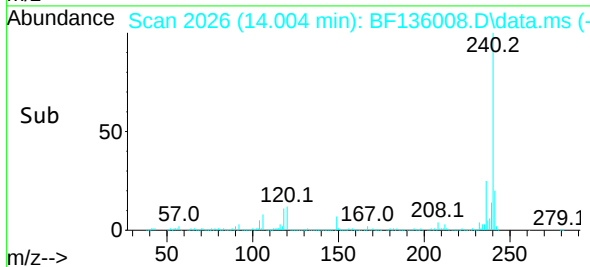
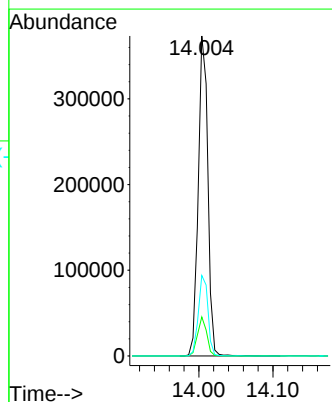
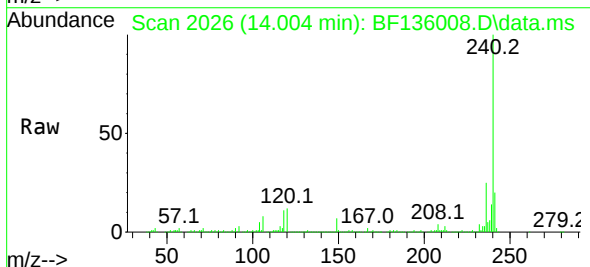
Instrument :
BNA_F
ClientSampleId :
BALLARDS

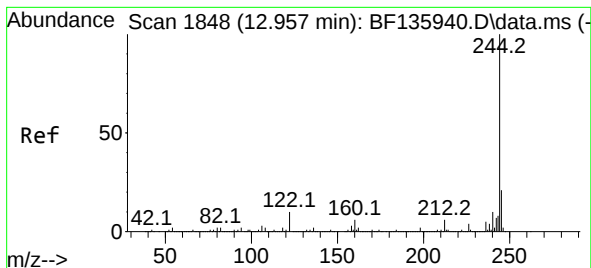
Tgt Ion:188 Resp: 559191
Ion Ratio Lower Upper
188 100
94 10.1 8.6 13.0
80 10.7 9.0 13.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.004 min Scan# 2026
Delta R.T. -0.006 min
Lab File: BF136008.D
Acq: 28 Oct 2023 16:37

Tgt Ion:240 Resp: 335600
Ion Ratio Lower Upper
240 100
120 12.2 8.6 13.0
236 25.2 20.6 30.8





#79

Terphenyl-d14

Concen: 62.223 ng

RT: 12.951 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF136008.D

Acq: 28 Oct 2023 16:37

Instrument :

BNA_F

ClientSampleId :

BALLARDS

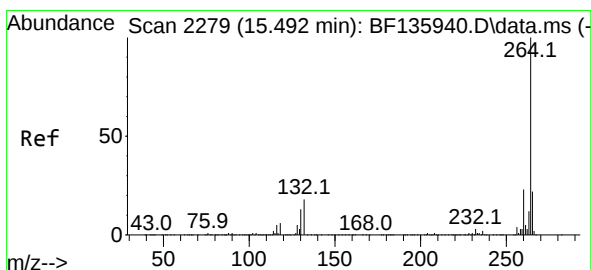
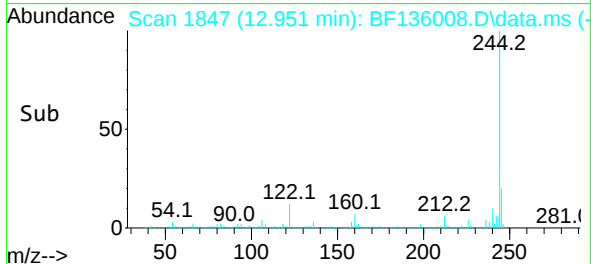
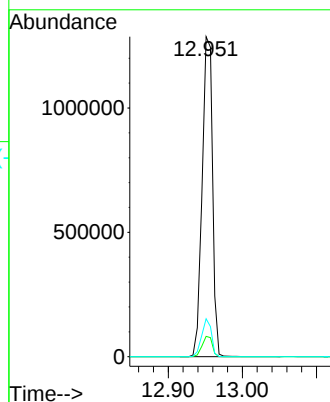
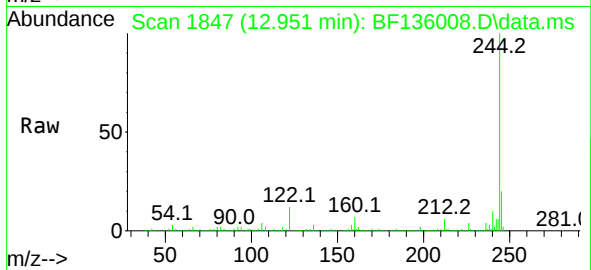
Tgt Ion:244 Resp: 1249850

Ion Ratio Lower Upper

244 100

212 6.4 5.0 7.6

122 11.9 8.0 12.0



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.492 min Scan# 2279

Delta R.T. 0.000 min

Lab File: BF136008.D

Acq: 28 Oct 2023 16:37

Tgt Ion:264 Resp: 356029

Ion Ratio Lower Upper

264 100

260 23.4 18.6 28.0

265 22.2 17.3 25.9

