

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110323\
 Data File : BF136123.D
 Acq On : 03 Nov 2023 14:38
 Operator : CG\JU
 Sample : 05096-03
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FB

Quant Time: Nov 04 00:08:09 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF103023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 31 01:13:02 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.816	152	103294	20.000	ng	-0.01
21) Naphthalene-d8	8.098	136	398676	20.000	ng	# 0.00
39) Acenaphthene-d10	9.857	164	200130	20.000	ng	0.00
64) Phenanthrene-d10	11.345	188	341929	20.000	ng	-0.01
76) Chrysene-d12	14.004	240	224697	20.000	ng	-0.01
86) Perylene-d12	15.492	264	281746	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.445	112	351838	53.525	ng	0.00
7) Phenol-d6	6.439	99	252379	30.816	ng	-0.02
23) Nitrobenzene-d5	7.381	82	673500	101.838	ng	-0.01
42) 2,4,6-Tribromophenol	10.651	330	299692	140.296	ng	0.00
45) 2-Fluorobiphenyl	9.180	172	1240179	98.784	ng	0.00
79) Terphenyl-d14	12.951	244	1247981	86.312	ng	0.00

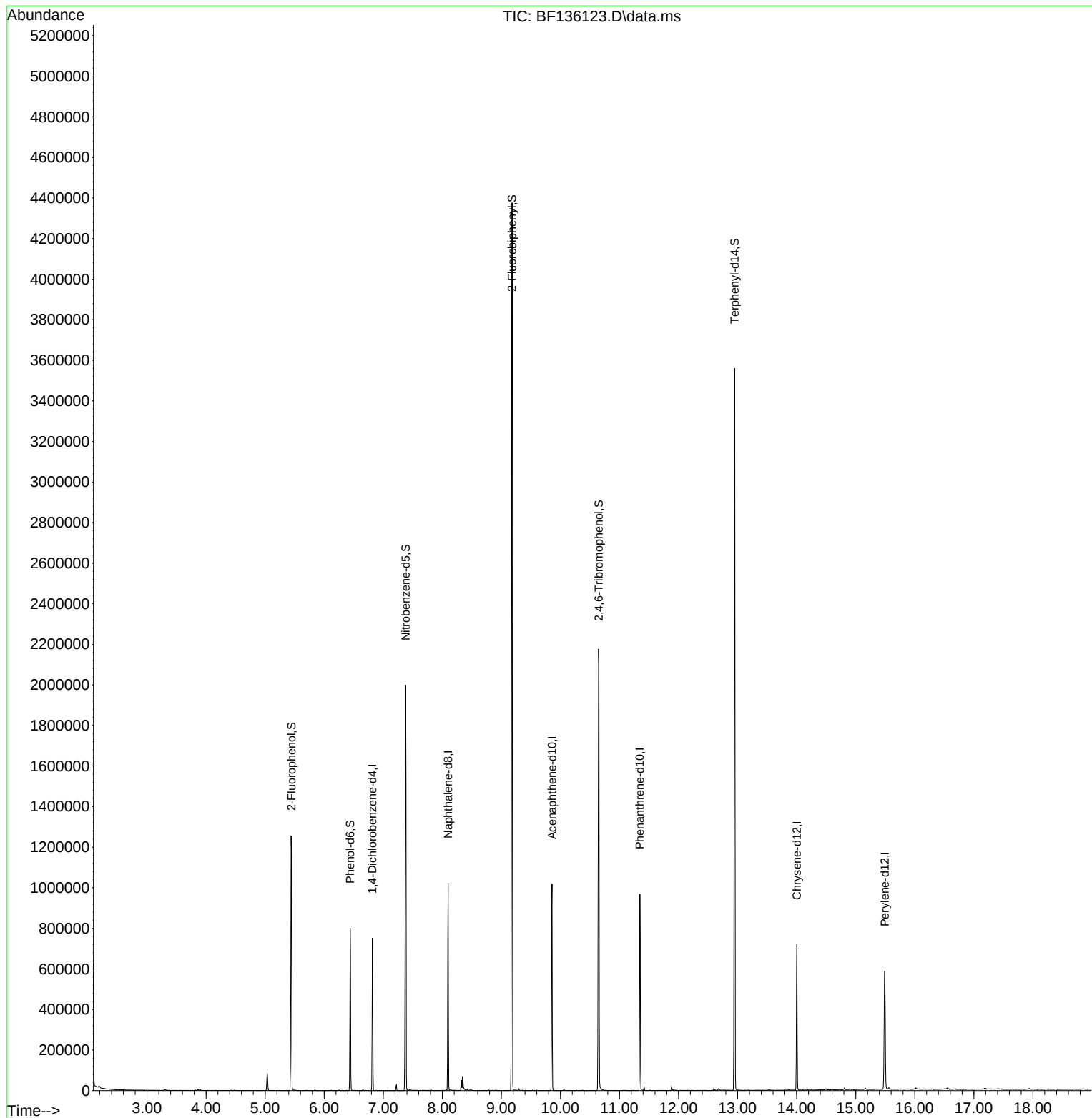
Target Compounds	Qvalue

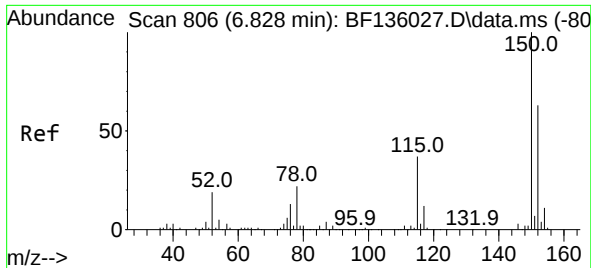
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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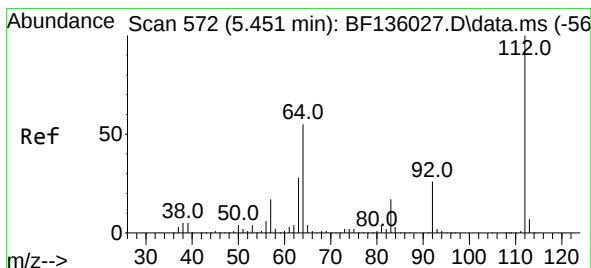
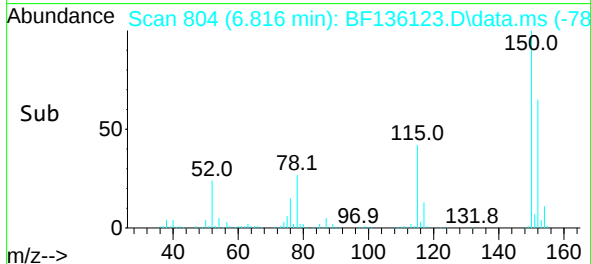
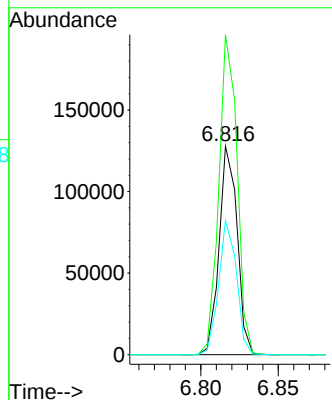
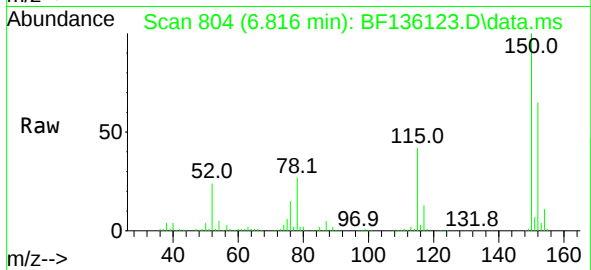




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.816 min Scan# 806
Delta R.T. -0.012 min
Lab File: BF136123.D
Acq: 03 Nov 2023 14:38

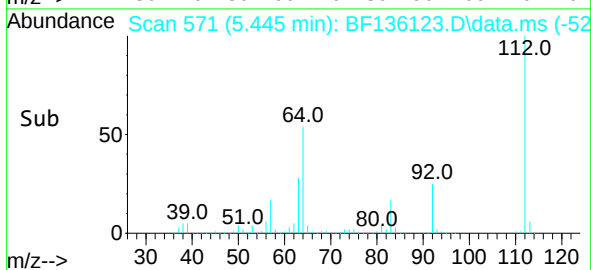
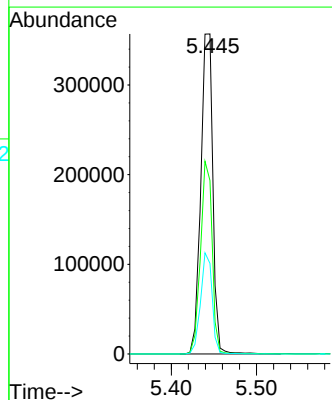
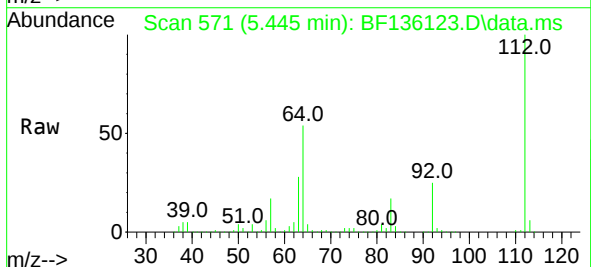
Instrument :
BNA_F
ClientSampleId :
FB

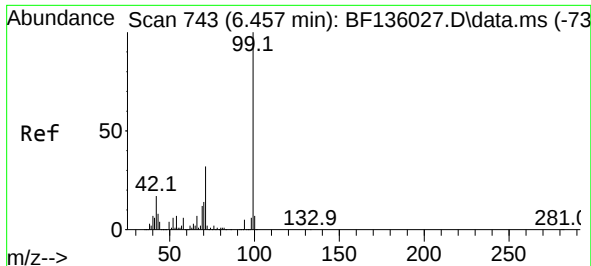
Tgt Ion:152 Resp: 103294
Ion Ratio Lower Upper
152 100
150 153.4 126.4 189.6
115 64.4 47.0 70.4



#5
2-Fluorophenol
Concen: 53.525 ng
RT: 5.445 min Scan# 571
Delta R.T. -0.006 min
Lab File: BF136123.D
Acq: 03 Nov 2023 14:38

Tgt Ion:112 Resp: 351838
Ion Ratio Lower Upper
112 100
64 54.2 43.9 65.9
63 28.3 22.4 33.6

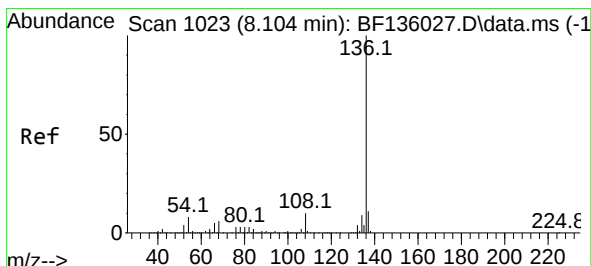
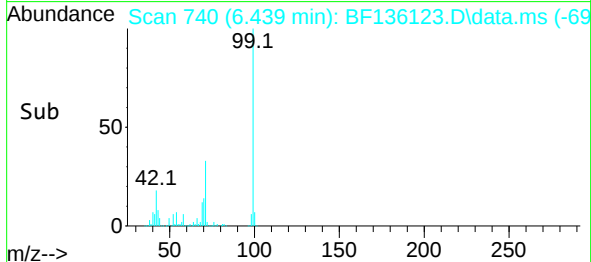
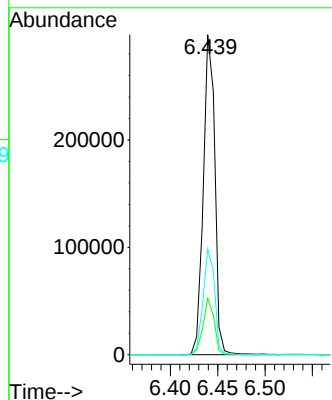
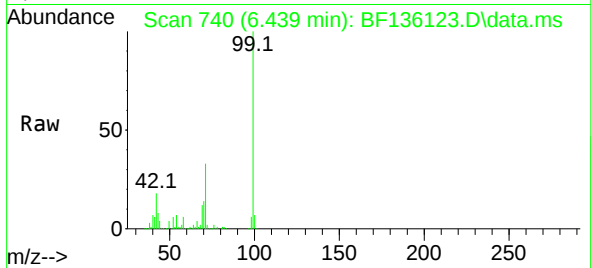




#7
Phenol-d6
Concen: 30.816 ng
RT: 6.439 min Scan# 74
Delta R.T. -0.018 min
Lab File: BF136123.D
Acq: 03 Nov 2023 14:38

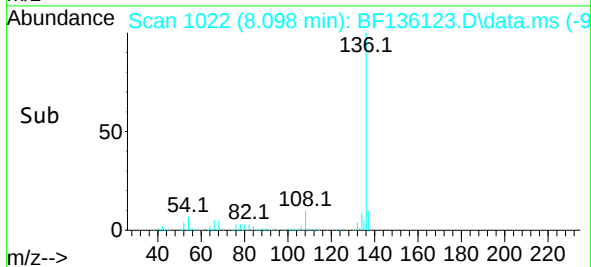
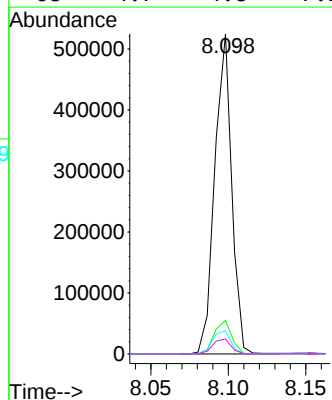
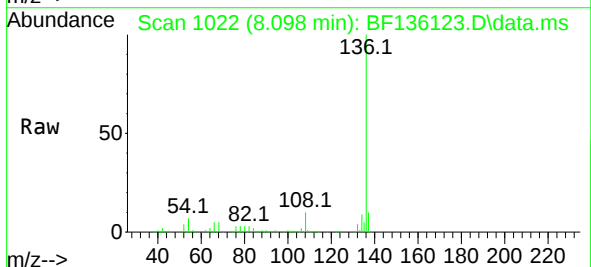
Instrument :
BNA_F
ClientSampleId :
FB

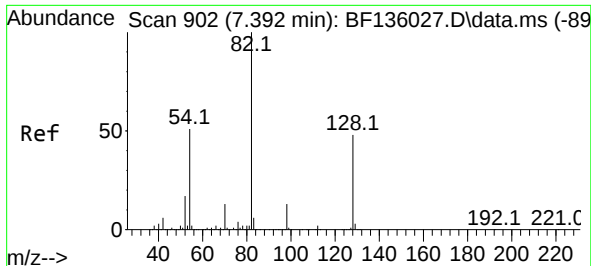
Tgt Ion: 99 Resp: 252379
Ion Ratio Lower Upper
99 100
42 17.6 13.7 20.5
71 33.0 25.9 38.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.098 min Scan# 1022
Delta R.T. -0.006 min
Lab File: BF136123.D
Acq: 03 Nov 2023 14:38

Tgt Ion: 136 Resp: 398676
Ion Ratio Lower Upper
136 100
137 10.4 8.6 13.0
54 7.2 6.6 9.8
68 4.7 4.8 7.2#

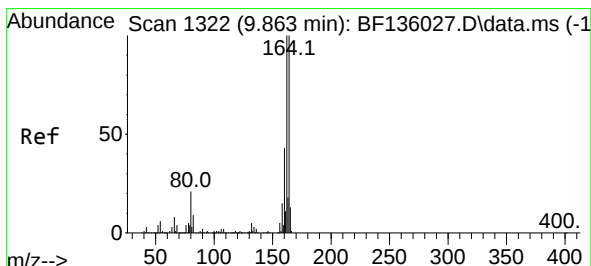
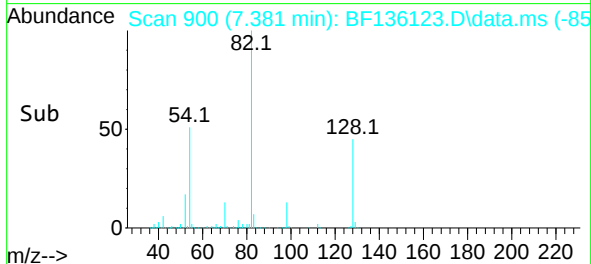
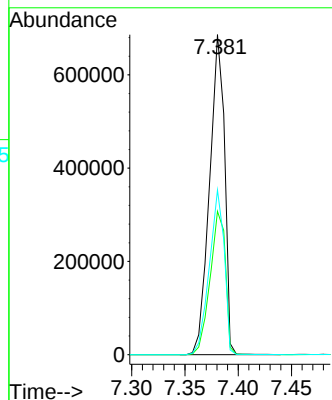
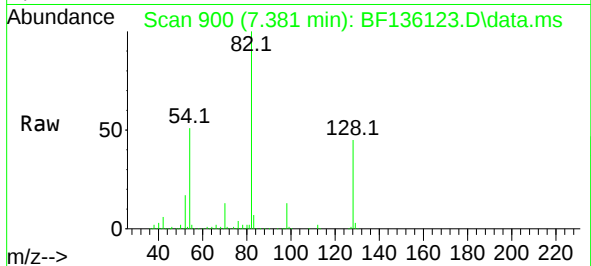




#23
Nitrobenzene-d5
Concen: 101.838 ng
RT: 7.381 min Scan# 902
Delta R.T. -0.012 min
Lab File: BF136123.D
Acq: 03 Nov 2023 14:38

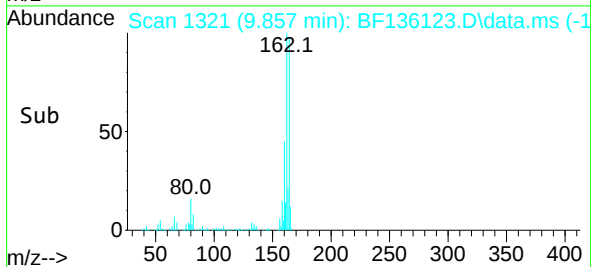
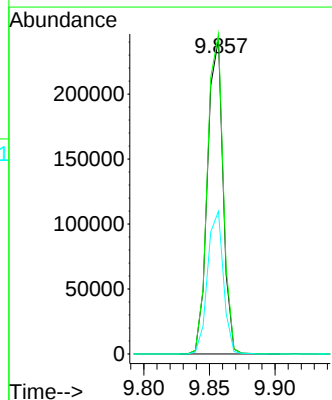
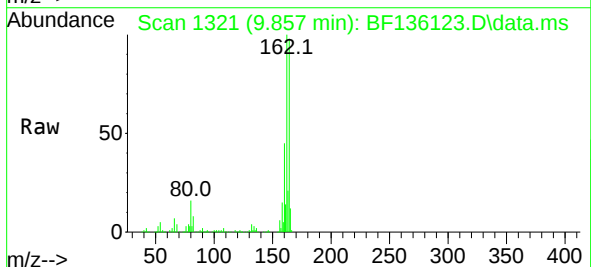
Instrument :
BNA_F
ClientSampleId :
FB

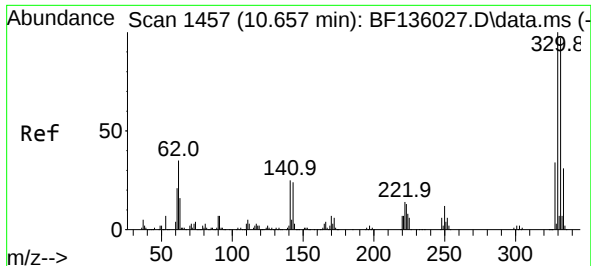
Tgt Ion: 82 Resp: 673500
Ion Ratio Lower Upper
82 100
128 44.8 38.6 57.8
54 51.4 40.8 61.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.857 min Scan# 1321
Delta R.T. -0.006 min
Lab File: BF136123.D
Acq: 03 Nov 2023 14:38

Tgt Ion:164 Resp: 200130
Ion Ratio Lower Upper
164 100
162 101.7 80.1 120.1
160 45.3 34.8 52.2





#42

2,4,6-Tribromophenol

Concen: 140.296 ng

RT: 10.651 min Scan# 1456

Delta R.T. -0.006 min

Lab File: BF136123.D

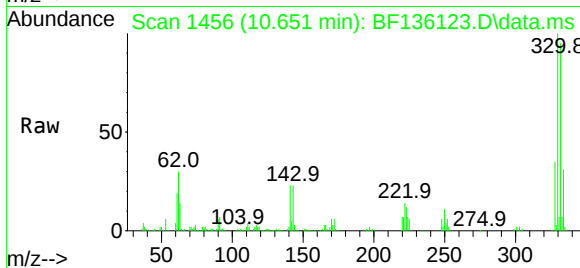
Acq: 03 Nov 2023 14:38

Instrument :

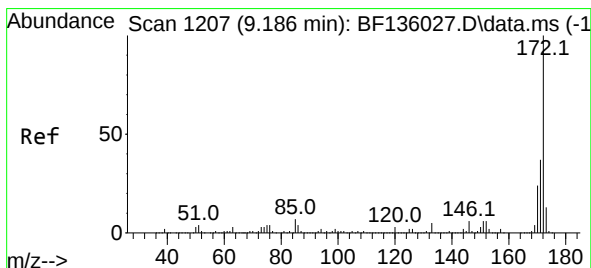
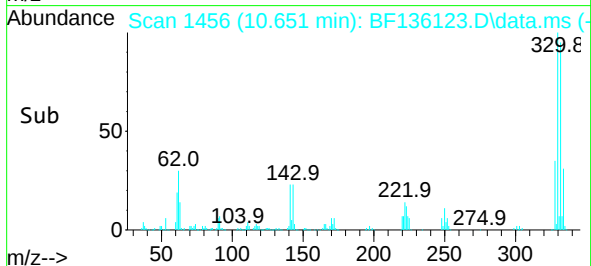
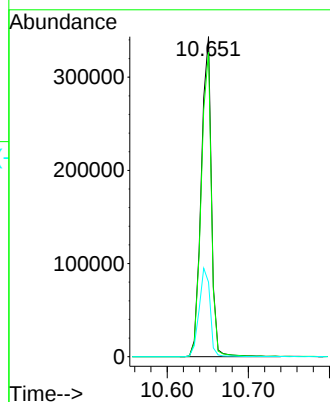
BNA_F

ClientSampleId :

FB



Tgt Ion:	330	Resp:	299692
Ion Ratio	Lower	Upper	
330	100		
332	94.9	76.9	115.3
141	29.8	23.2	34.8



#45

2-Fluorobiphenyl

Concen: 98.784 ng

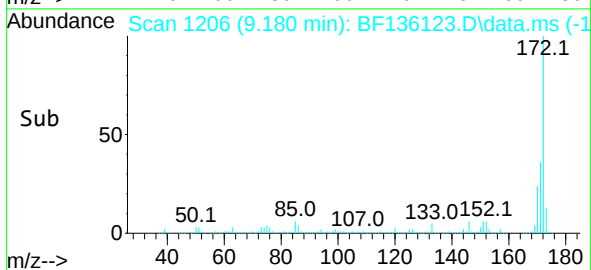
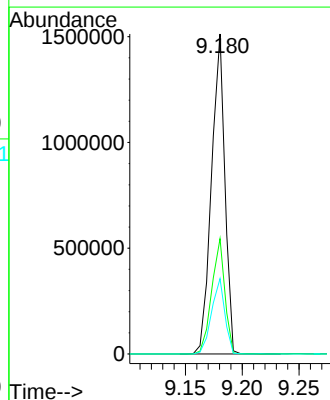
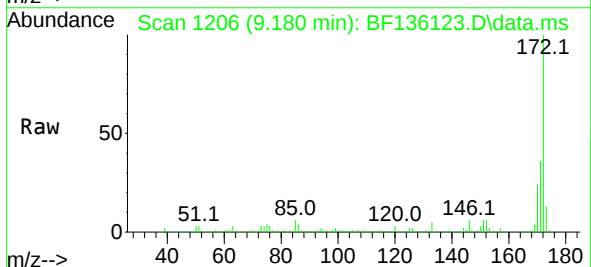
RT: 9.180 min Scan# 1206

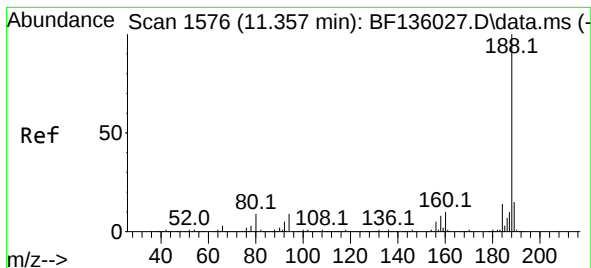
Delta R.T. -0.006 min

Lab File: BF136123.D

Acq: 03 Nov 2023 14:38

Tgt Ion:	172	Resp:	1240179
Ion Ratio	Lower	Upper	
172	100		
171	36.1	29.4	44.0
170	23.5	19.3	28.9





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.345 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF136123.D

Acq: 03 Nov 2023 14:38

Instrument :

BNA_F

ClientSampleId :

FB

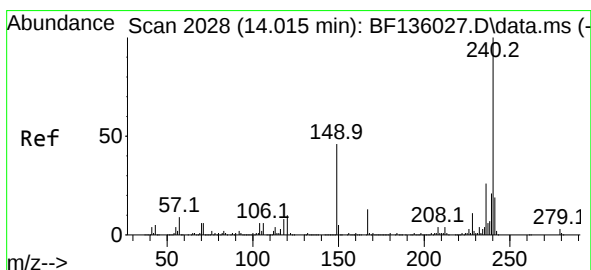
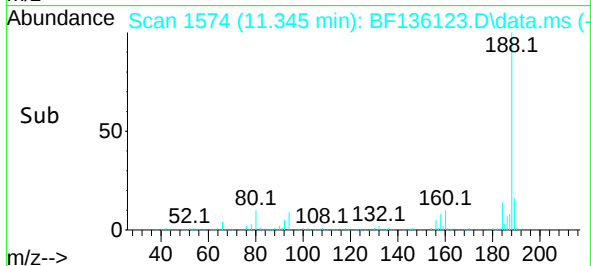
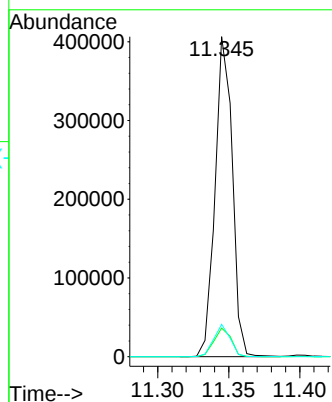
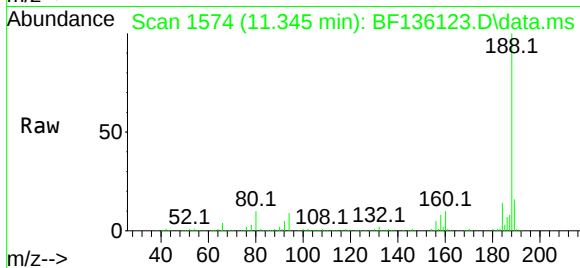
Tgt Ion:188 Resp: 341929

Ion Ratio Lower Upper

188 100

94 9.0 7.2 10.8

80 10.1 7.4 11.0



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.004 min Scan# 2026

Delta R.T. -0.012 min

Lab File: BF136123.D

Acq: 03 Nov 2023 14:38

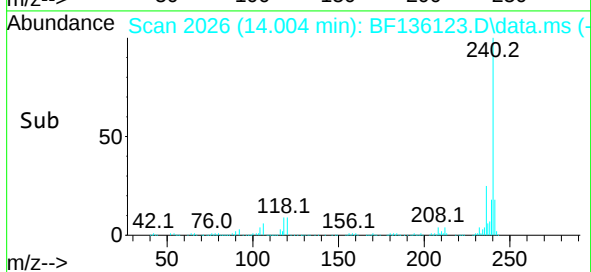
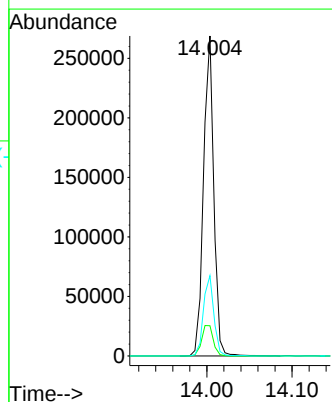
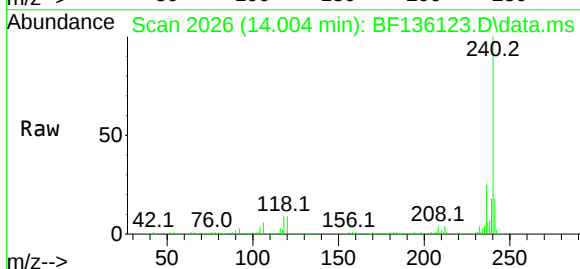
Tgt Ion:240 Resp: 224697

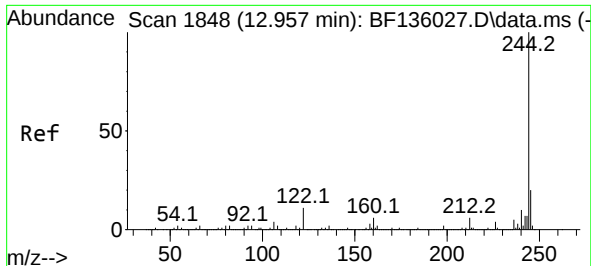
Ion Ratio Lower Upper

240 100

120 9.5 7.6 11.4

236 25.1 20.6 31.0

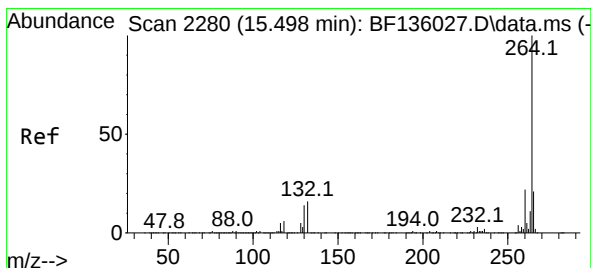
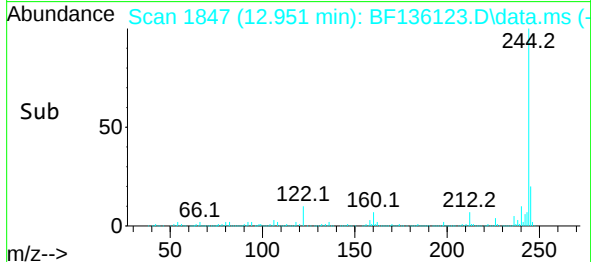
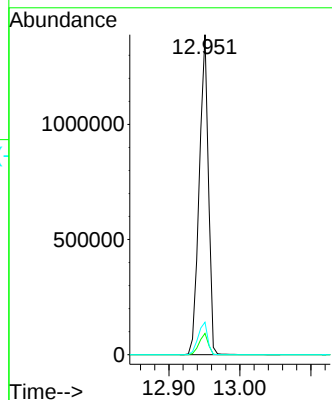
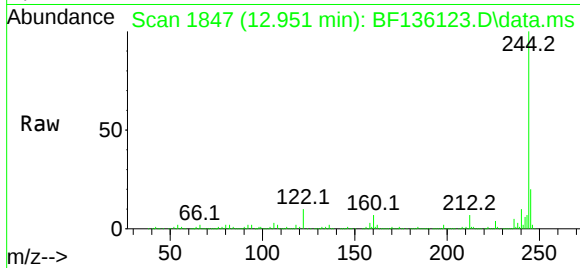




#79
 Terphenyl-d14
 Concen: 86.312 ng
 RT: 12.951 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF136123.D
 Acq: 03 Nov 2023 14:38

Instrument :
 BNA_F
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 FB

Tgt Ion:244 Resp: 1247981
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.1 7.7
 122 10.2 8.6 12.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.492 min Scan# 2279
 Delta R.T. -0.006 min
 Lab File: BF136123.D
 Acq: 03 Nov 2023 14:38

Tgt Ion:264 Resp: 281746
 Ion Ratio Lower Upper
 264 100
 260 23.6 17.9 26.9
 265 22.1 16.8 25.2

