

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110223\
 Data File : BF136099.D
 Acq On : 02 Nov 2023 16:59
 Operator : CG\JU
 Sample : 05005-03
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 N-2(5-10)

Quant Time: Nov 02 17:25:35 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)

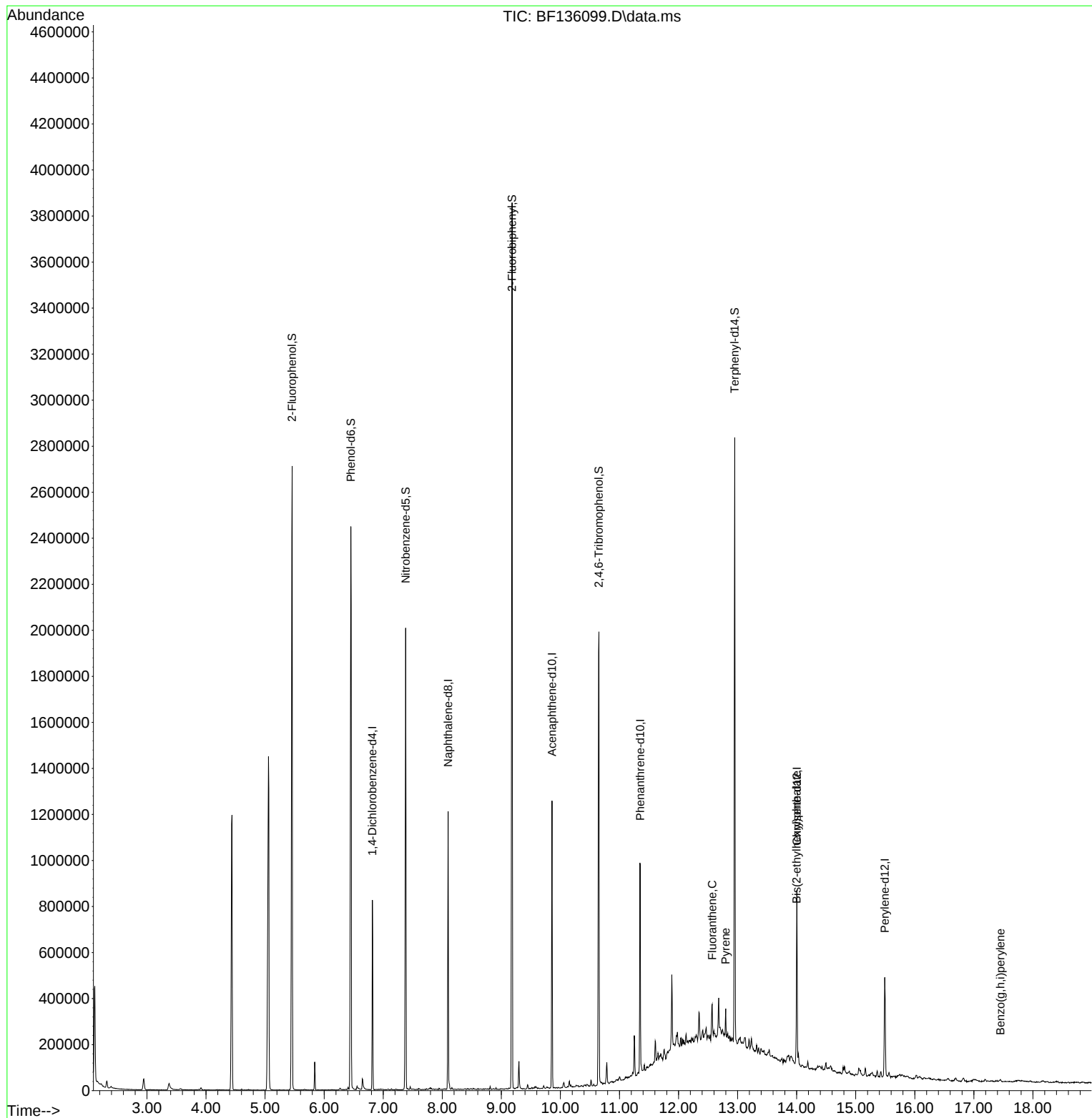
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.816	152	111707	20.000	ng	-0.01
21) Naphthalene-d8	8.098	136	448011	20.000	ng	0.00
39) Acenaphthene-d10	9.857	164	219748	20.000	ng	0.00
64) Phenanthrene-d10	11.351	188	348526	20.000	ng	0.00
76) Chrysene-d12	14.004	240	216154	20.000	ng	-0.01
86) Perylene-d12	15.492	264	194257	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.457	112	801174	112.703	ng	0.00
7) Phenol-d6	6.451	99	994135	112.242	ng	0.00
23) Nitrobenzene-d5	7.381	82	609222	81.974	ng	-0.01
42) 2,4,6-Tribromophenol	10.651	330	254528	108.516	ng	0.00
45) 2-Fluorobiphenyl	9.181	172	1085807	78.767	ng	0.00
79) Terphenyl-d14	12.951	244	882331	63.435	ng	0.00
Target Compounds						
						Qvalue
75) Fluoranthene	12.569	202	39051	2.166	ng	98
78) Pyrene	12.798	202	52099	2.734	ng	97
84) Bis(2-ethylhexyl)phtha...	13.998	149	25436	3.201	ng	98
92) Benzo(g,h,i)perylene	17.451	276	7453	3.486	ng	# 94

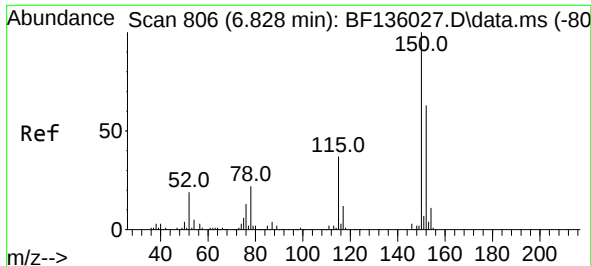
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110223\
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Quant Time: Nov 02 17:25:35 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

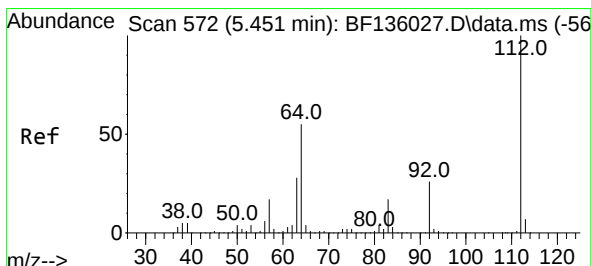
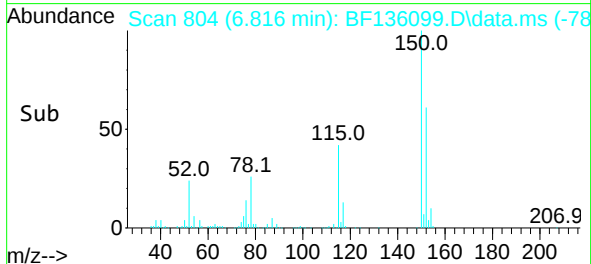
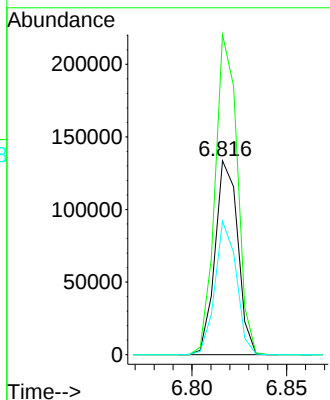
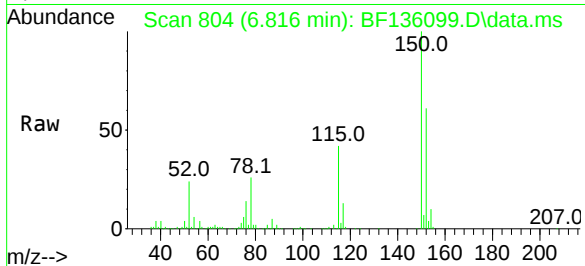




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.816 min Scan# 806
Delta R.T. -0.012 min
Lab File: BF136099.D
Acq: 02 Nov 2023 16:59

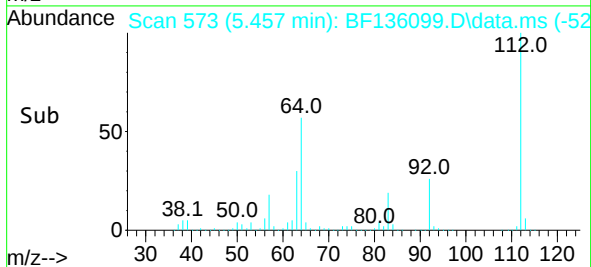
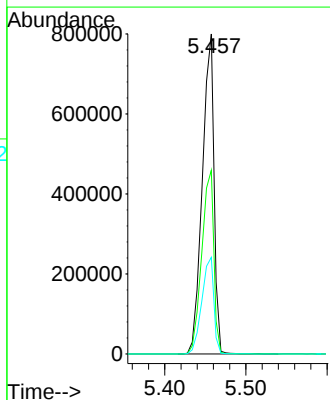
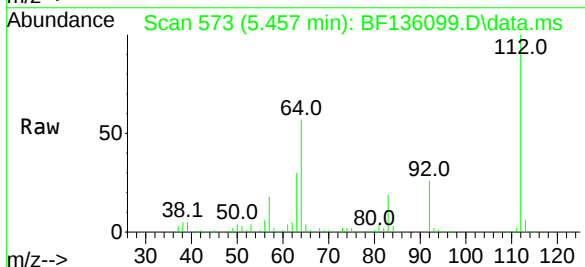
Instrument :
BNA_F
ClientSampleId :
N-2(5-10)

Tgt Ion:152 Resp: 111707
Ion Ratio Lower Upper
152 100
150 164.9 126.4 189.6
115 68.8 47.0 70.4



#5
2-Fluorophenol
Concen: 112.703 ng
RT: 5.457 min Scan# 573
Delta R.T. 0.006 min
Lab File: BF136099.D
Acq: 02 Nov 2023 16:59

Tgt Ion:112 Resp: 801174
Ion Ratio Lower Upper
112 100
64 57.4 43.9 65.9
63 30.2 22.4 33.6

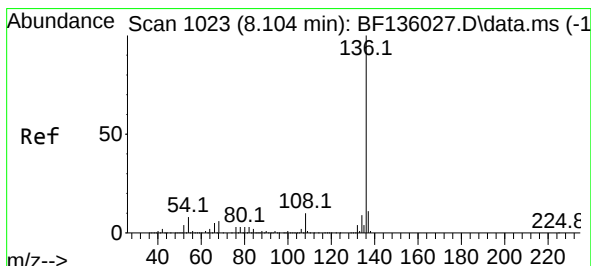
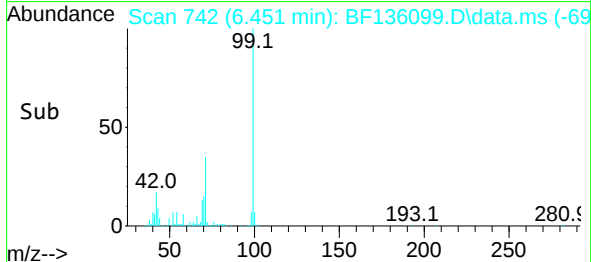
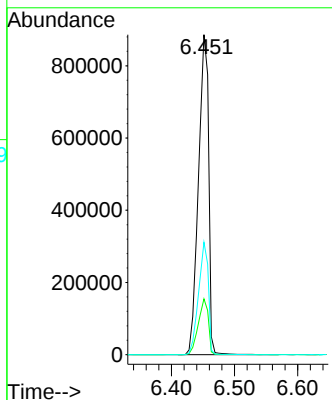
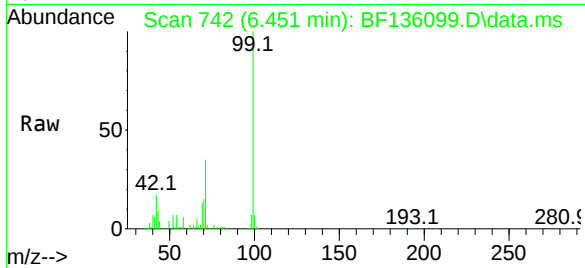




#7
Phenol-d6
Concen: 112.242 ng
RT: 6.451 min Scan# 743
Delta R.T. -0.006 min
Lab File: BF136099.D
Acq: 02 Nov 2023 16:59

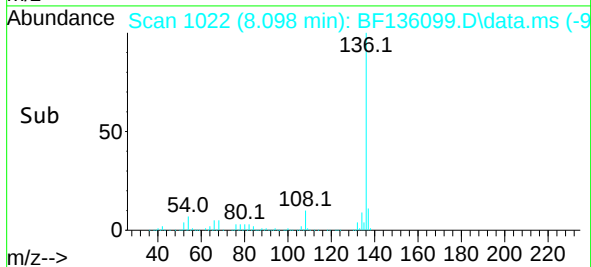
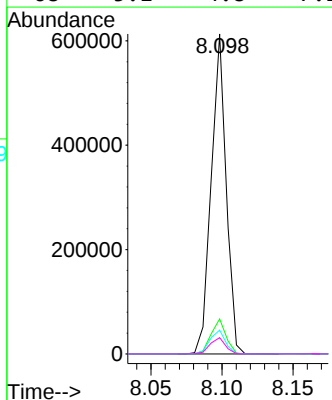
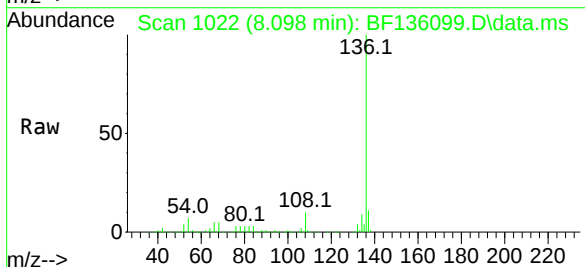
Instrument :
BNA_F
ClientSampleId :
N-2(5-10)

Tgt Ion: 99 Resp: 994135
Ion Ratio Lower Upper
99 100
42 17.4 13.7 20.5
71 35.2 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: BF136099.D
Acq: 02 Nov 2023 16:59

Tgt Ion: 136 Resp: 448011
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 7.4 6.6 9.8
68 5.1 4.8 7.2





#23

Nitrobenzene-d5

Concen: 81.974 ng

RT: 7.381 min Scan# 902

Delta R.T. -0.012 min

Lab File: BF136099.D

Acq: 02 Nov 2023 16:59

Instrument :

BNA_F

ClientSampleId :

N-2(5-10)

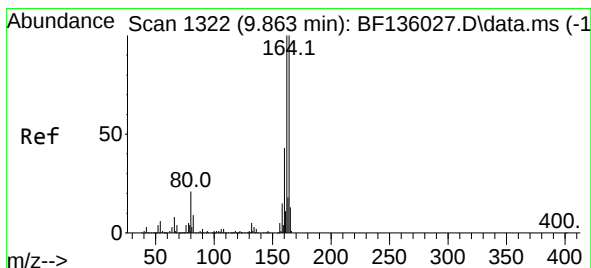
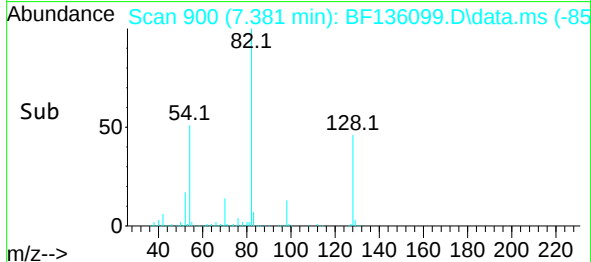
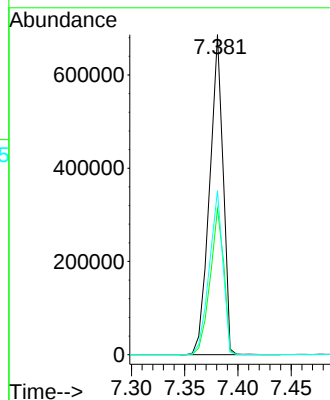
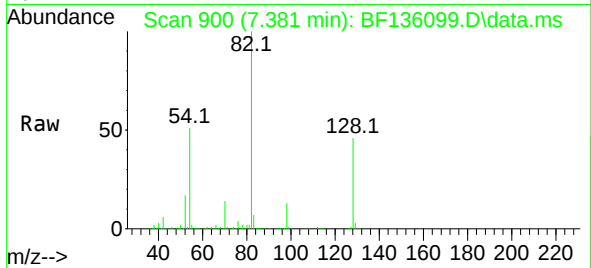
Tgt Ion: 82 Resp: 609222

Ion Ratio Lower Upper

82 100

128 45.7 38.6 57.8

54 51.2 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: BF136099.D

Acq: 02 Nov 2023 16:59

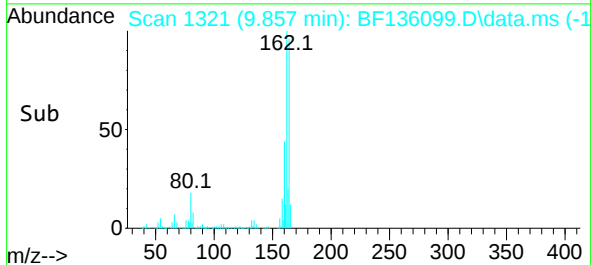
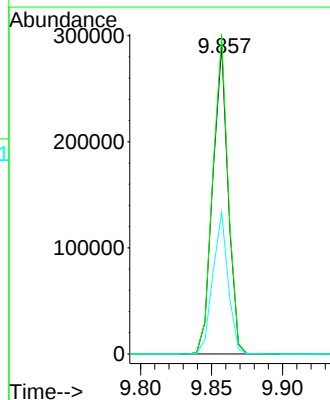
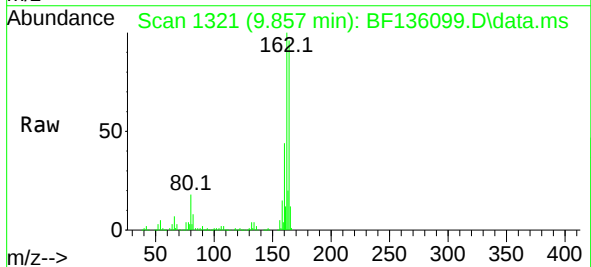
Tgt Ion:164 Resp: 219748

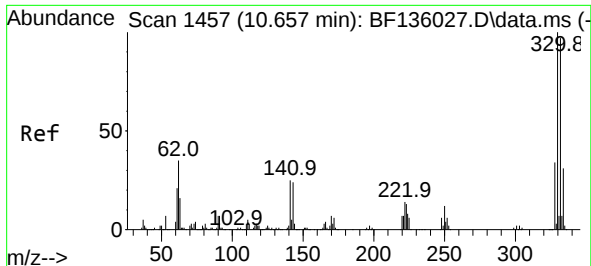
Ion Ratio Lower Upper

164 100

162 103.7 80.1 120.1

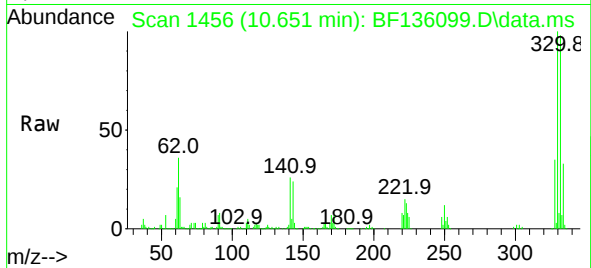
160 45.9 34.8 52.2



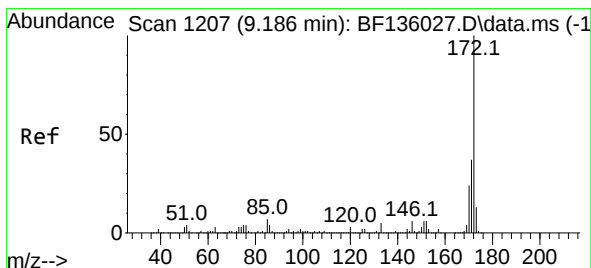
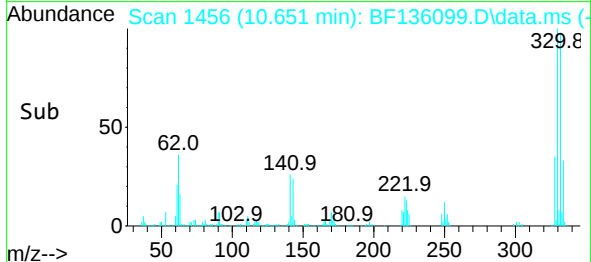
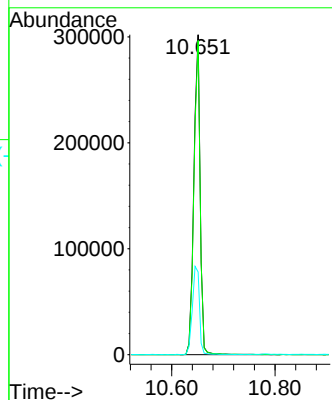


#42
2,4,6-Tribromophenol
Concen: 108.516 ng
RT: 10.651 min Scan# 1457
Delta R.T. -0.006 min
Lab File: BF136099.D
Acq: 02 Nov 2023 16:59

Instrument :
BNA_F
ClientSampleId :
N-2(5-10)

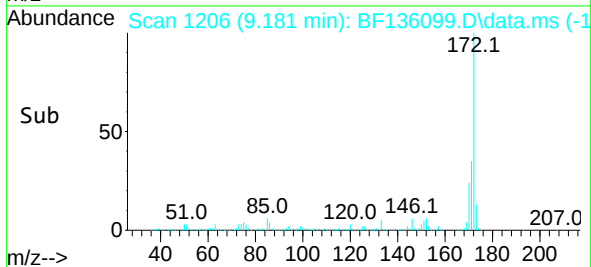
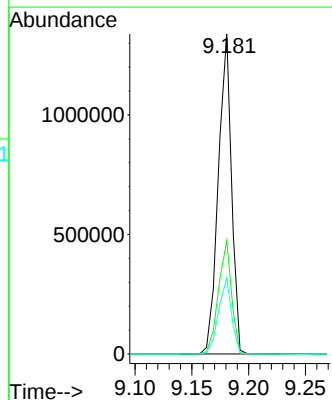
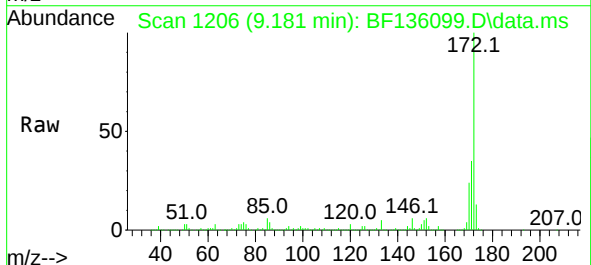


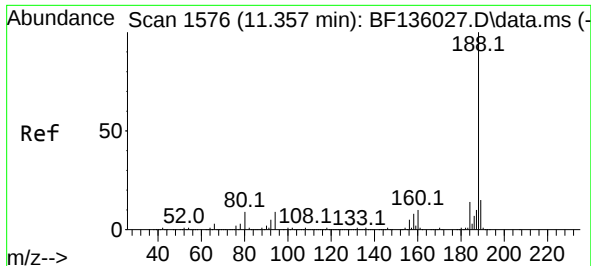
Tgt Ion:330 Resp: 254528
Ion Ratio Lower Upper
330 100
332 96.9 76.9 115.3
141 31.4 23.2 34.8



#45
2-Fluorobiphenyl
Concen: 78.767 ng
RT: 9.181 min Scan# 1206
Delta R.T. -0.006 min
Lab File: BF136099.D
Acq: 02 Nov 2023 16:59

Tgt Ion:172 Resp: 1085807
Ion Ratio Lower Upper
172 100
171 35.4 29.4 44.0
170 23.8 19.3 28.9

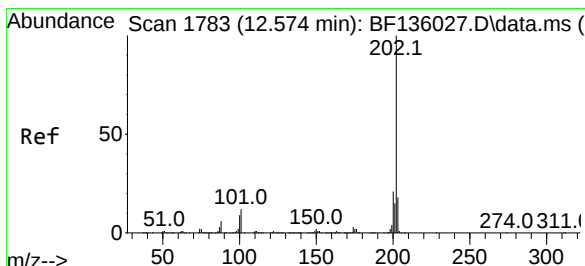
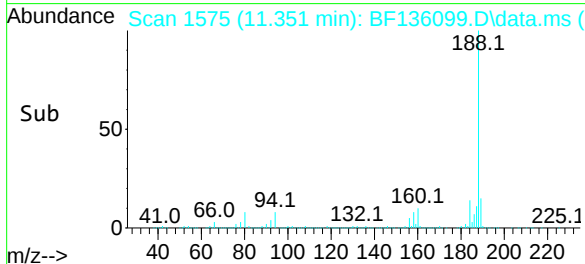
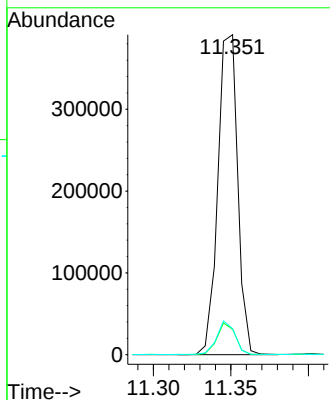
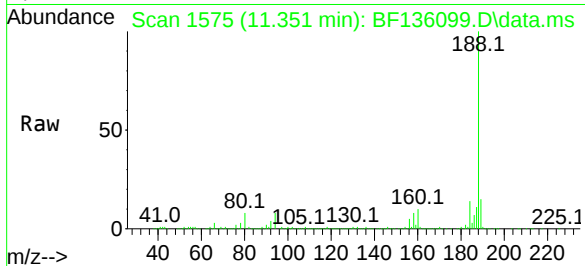




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.351 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136099.D
Acq: 02 Nov 2023 16:59

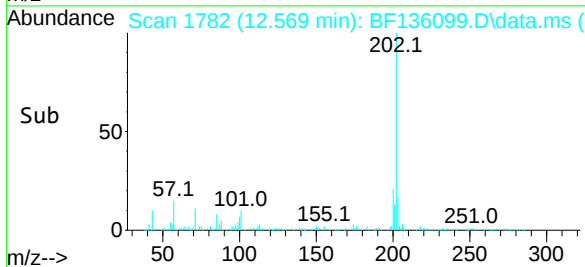
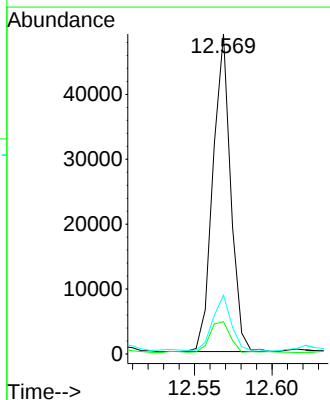
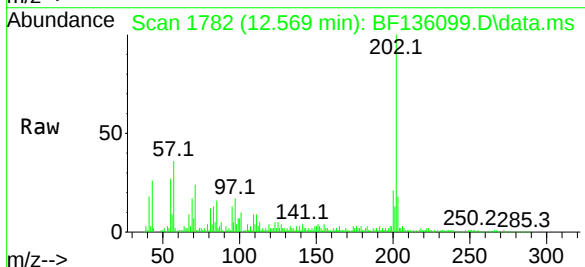
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BNA_F
ClientSampleId :
N-2(5-10)

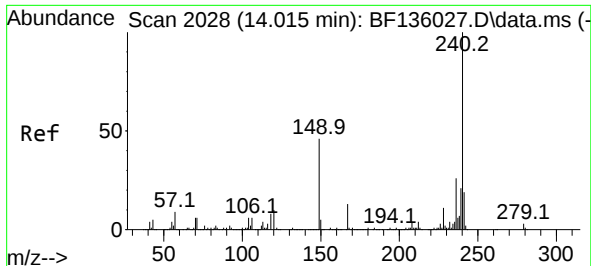
Tgt Ion:188 Resp: 348526
Ion Ratio Lower Upper
188 100
94 8.0 7.2 10.8
80 8.1 7.4 11.0



#75
Fluoranthene
Concen: 2.166 ng
RT: 12.569 min Scan# 1782
Delta R.T. -0.006 min
Lab File: BF136099.D
Acq: 02 Nov 2023 16:59

Tgt Ion:202 Resp: 39051
Ion Ratio Lower Upper
202 100
101 10.1 0.0 31.8
203 18.4 0.0 37.9

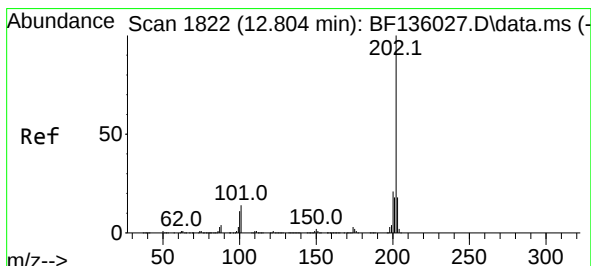
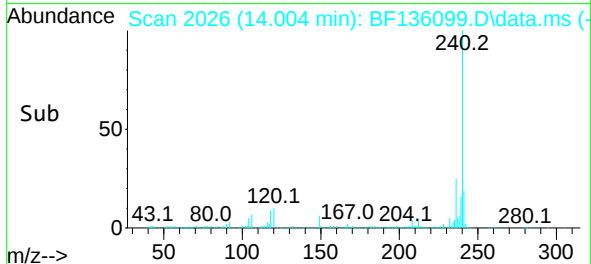
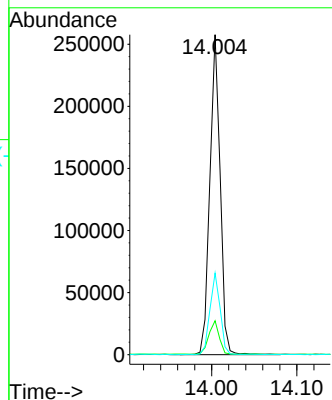
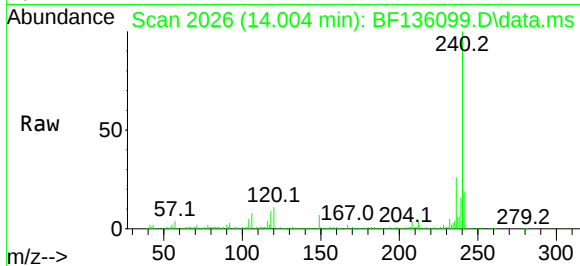




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.004 min Scan# 2026
Delta R.T. -0.011 min
Lab File: BF136099.D
Acq: 02 Nov 2023 16:59

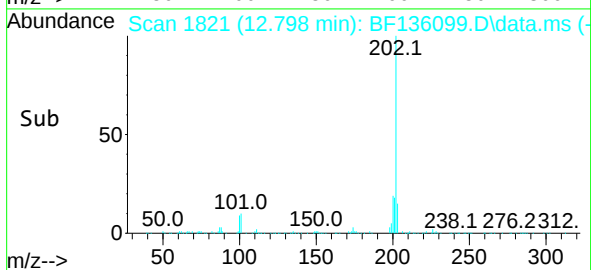
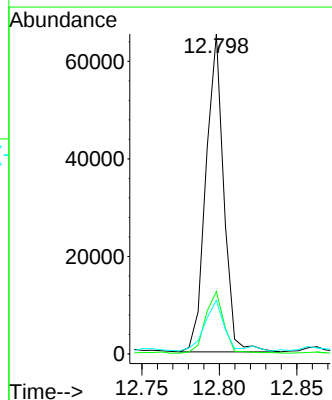
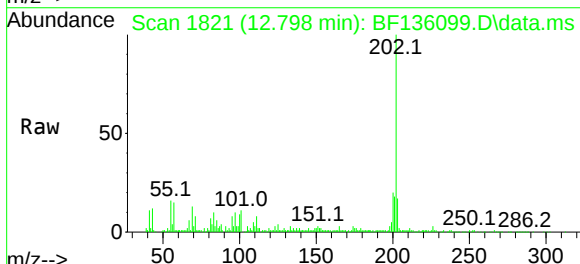
Instrument :
BNA_F
ClientSampleId :
N-2(5-10)

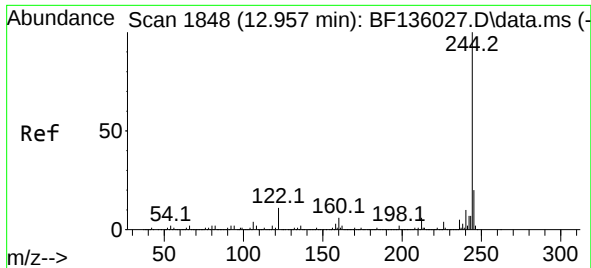
Tgt Ion:240 Resp: 216154
Ion Ratio Lower Upper
240 100
120 10.6 7.6 11.4
236 25.5 20.6 31.0



#78
Pyrene
Concen: 2.734 ng
RT: 12.798 min Scan# 1821
Delta R.T. -0.006 min
Lab File: BF136099.D
Acq: 02 Nov 2023 16:59

Tgt Ion:202 Resp: 52099
Ion Ratio Lower Upper
202 100
200 19.5 17.0 25.4
203 16.7 14.4 21.6

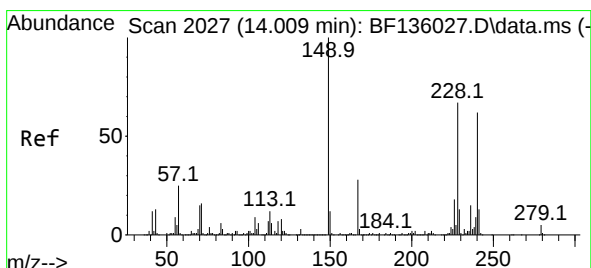
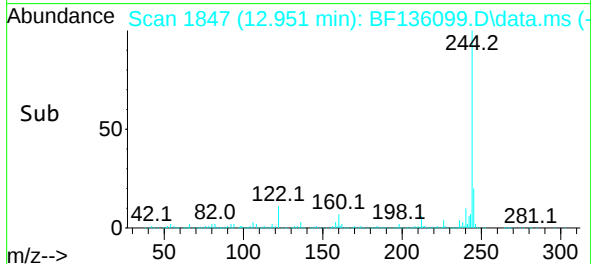
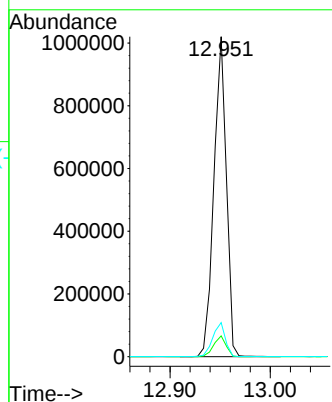
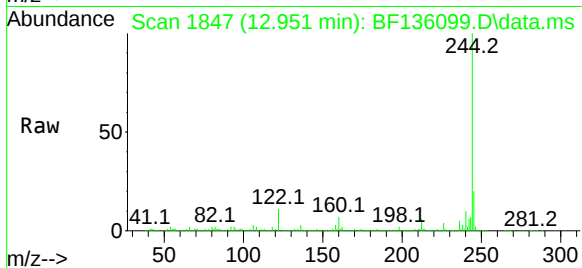




#79
 Terphenyl-d14
 Concen: 63.435 ng
 RT: 12.951 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF136099.D
 Acq: 02 Nov 2023 16:59

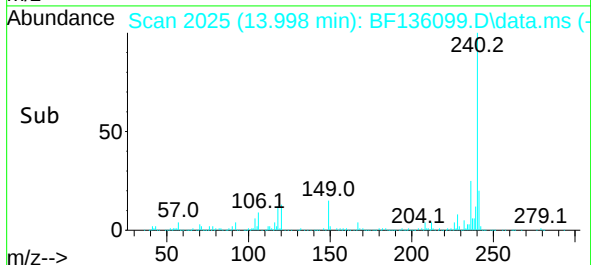
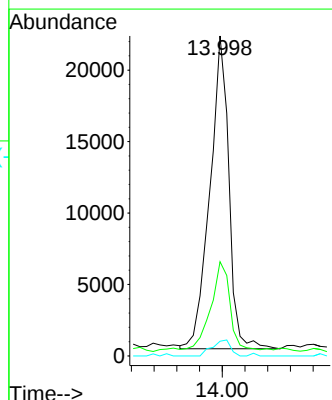
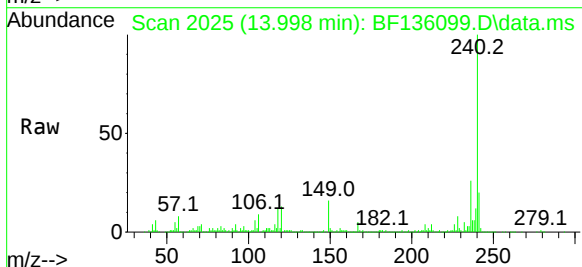
Instrument :
 BNA_F
 ClientSampleId :
 N-2(5-10)

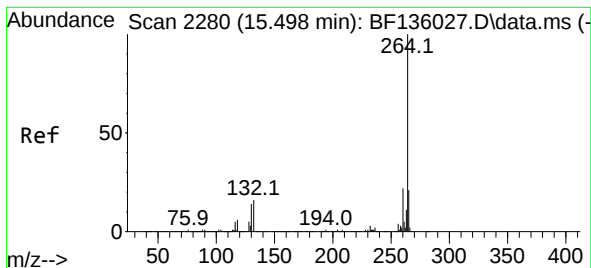
Tgt Ion:244 Resp: 882331
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.1 7.7
 122 10.6 8.6 12.8



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 3.201 ng
 RT: 13.998 min Scan# 2025
 Delta R.T. -0.011 min
 Lab File: BF136099.D
 Acq: 02 Nov 2023 16:59

Tgt Ion:149 Resp: 25436
 Ion Ratio Lower Upper
 149 100
 167 29.4 22.6 33.8
 279 4.6 4.1 6.1





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.492 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF136099.D

Acq: 02 Nov 2023 16:59

Instrument :

BNA_F

ClientSampleId :

N-2(5-10)

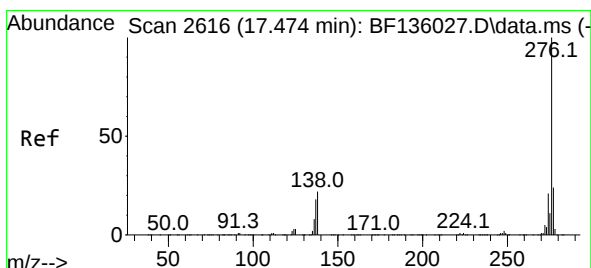
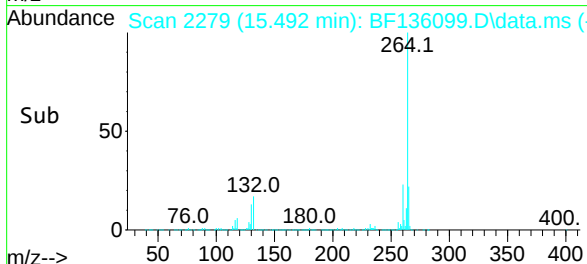
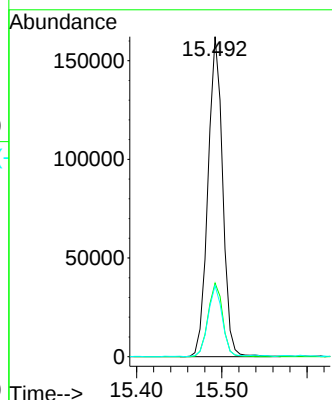
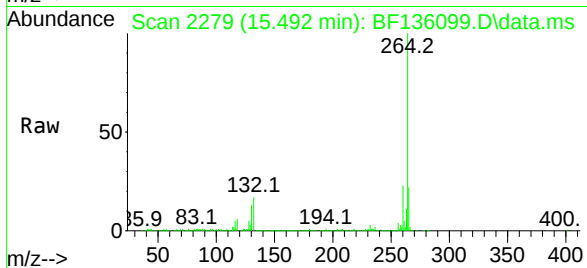
Tgt Ion:264 Resp: 194257

Ion Ratio Lower Upper

264 100

260 23.0 17.9 26.9

265 22.2 16.8 25.2



#92

Benzo(g,h,i)perylene

Concen: 3.486 ng

RT: 17.451 min Scan# 2612

Delta R.T. -0.023 min

Lab File: BF136099.D

Acq: 02 Nov 2023 16:59

Tgt Ion:276 Resp: 7453

Ion Ratio Lower Upper

276 100

277 18.9 19.0 28.4#

138 22.9 17.4 26.2

