

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121223\
 Data File : BF136527.D
 Acq On : 12 Dec 2023 21:03
 Operator : CG\JU
 Sample : 05470-01
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-1

Quant Time: Dec 12 23:21:20 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 06 09:40:27 2023
 Response via : Initial Calibration

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

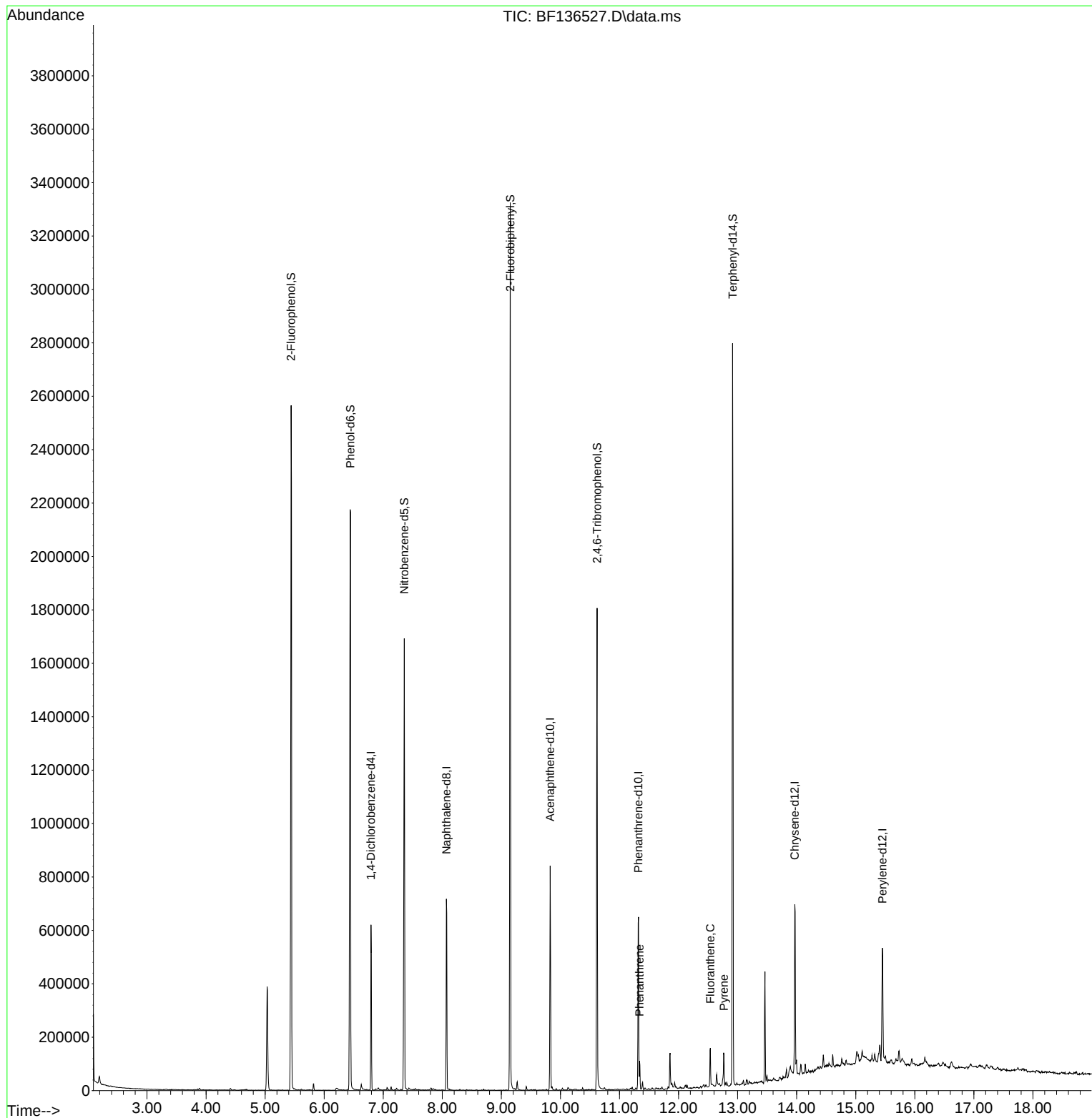
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.792	152	89275	20.000	ng	-0.01
21) Naphthalene-d8	8.069	136	330340	20.000	ng	-0.01
39) Acenaphthene-d10	9.827	164	155549	20.000	ng	-0.01
64) Phenanthrene-d10	11.322	188	254125	20.000	ng	# 0.00
76) Chrysene-d12	13.968	240	219835	20.000	ng	#-0.01
86) Perylene-d12	15.451	264	209832	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	799993	132.338	ng	0.00
7) Phenol-d6	6.445	99	965322	127.990	ng	0.00
23) Nitrobenzene-d5	7.357	82	552824	90.470	ng	-0.01
42) 2,4,6-Tribromophenol	10.622	330	227693	118.718	ng	-0.01
45) 2-Fluorobiphenyl	9.151	172	980488	86.010	ng	-0.01
79) Terphenyl-d14	12.916	244	947358	56.800	ng	0.00
Target Compounds						
						Qvalue
71) Phenanthrene	11.339	178	37949	2.717	ng	100
75) Fluoranthene	12.539	202	61273	4.186	ng	98
78) Pyrene	12.768	202	49991	2.322	ng	96

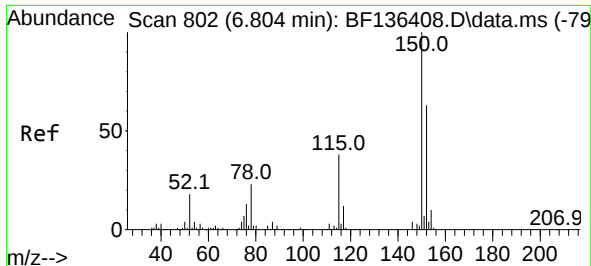
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121223\
Data File : BF136527.D
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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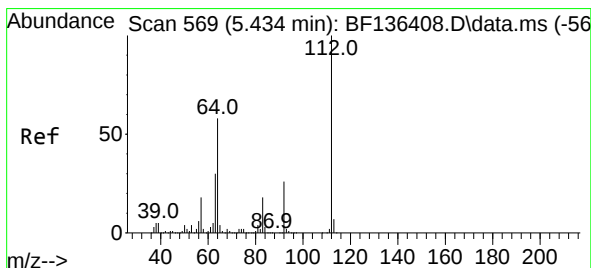
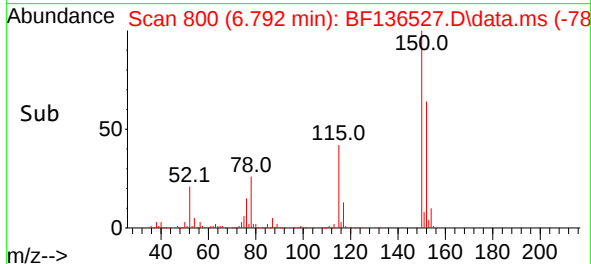
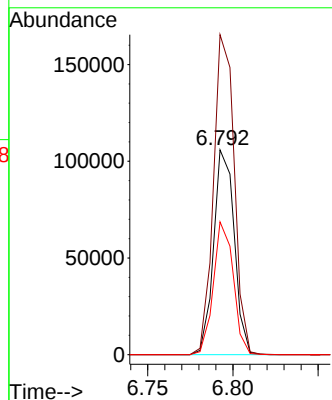
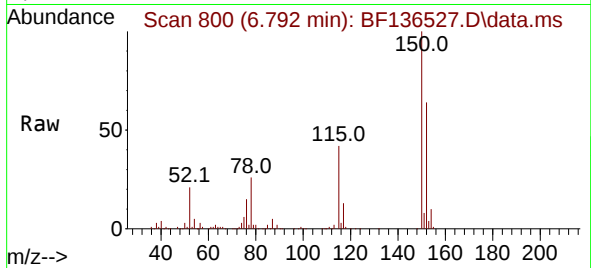




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.792 min Scan# 80
Delta R.T. -0.012 min
Lab File: BF136527.D
Acq: 12 Dec 2023 21:03

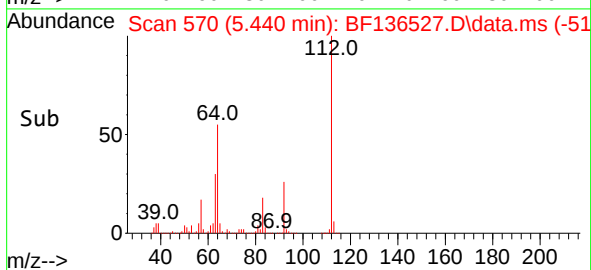
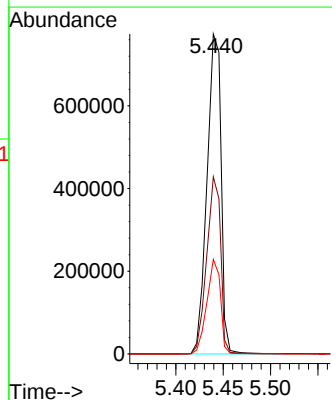
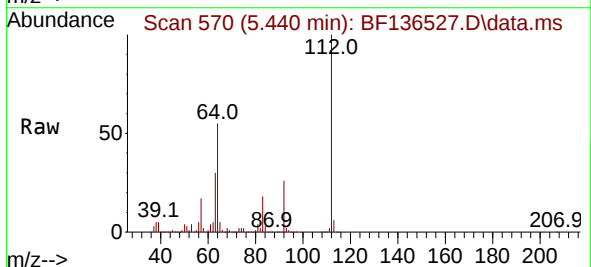
Instrument :
BNA_F
ClientSampleId :
SB-1

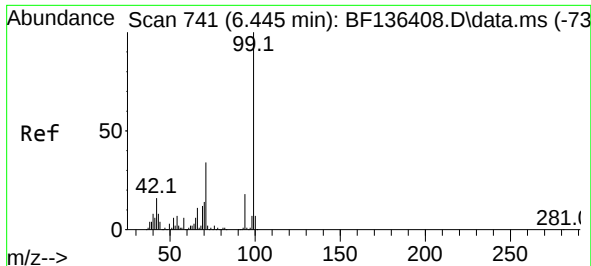
Tgt Ion:152 Resp: 89275
Ion Ratio Lower Upper
152 100
150 156.2 126.4 189.6
115 64.8 48.2 72.4



#5
2-Fluorophenol
Concen: 132.338 ng
RT: 5.440 min Scan# 570
Delta R.T. 0.006 min
Lab File: BF136527.D
Acq: 12 Dec 2023 21:03

Tgt Ion:112 Resp: 799993
Ion Ratio Lower Upper
112 100
64 55.3 46.5 69.7
63 29.6 23.9 35.9

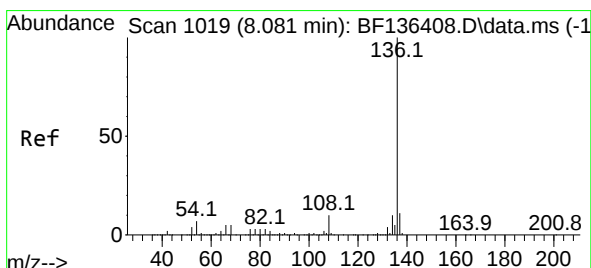
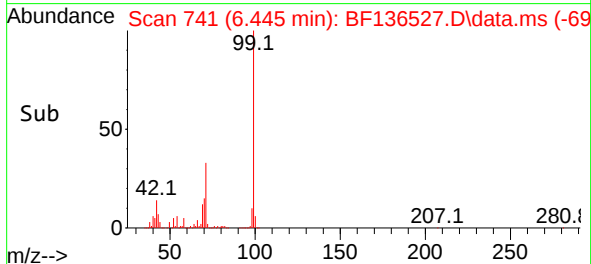
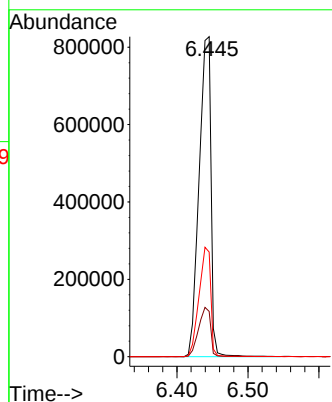
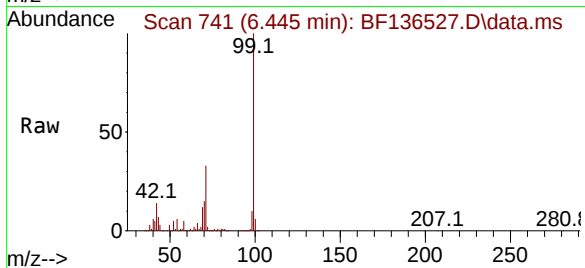




#7
Phenol-d6
Concen: 127.990 ng
RT: 6.445 min Scan# 741
Delta R.T. -0.000 min
Lab File: BF136527.D
Acq: 12 Dec 2023 21:03

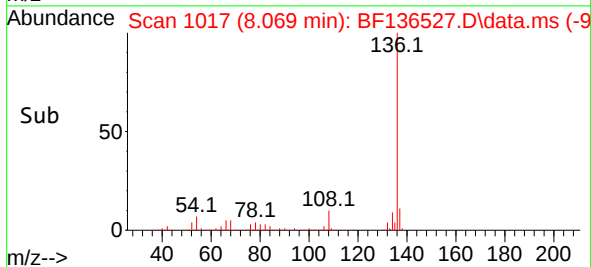
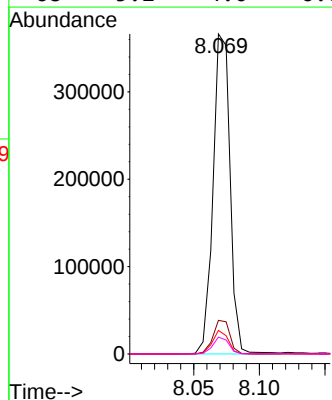
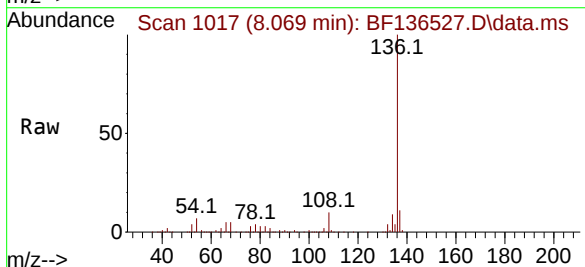
Instrument :
BNA_F
ClientSampleId :
SB-1

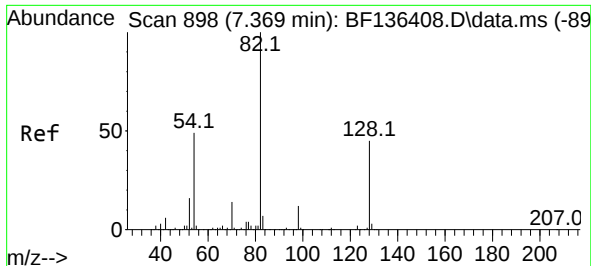
Tgt Ion: 99 Resp: 965322
Ion Ratio Lower Upper
99 100
42 14.2 12.8 19.2
71 32.7 27.0 40.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 1017
Delta R.T. -0.012 min
Lab File: BF136527.D
Acq: 12 Dec 2023 21:03

Tgt Ion: 136 Resp: 330340
Ion Ratio Lower Upper
136 100
137 10.5 8.6 12.8
54 7.4 5.7 8.5
68 5.2 4.0 6.0





#23

Nitrobenzene-d5

Concen: 90.470 ng

RT: 7.357 min Scan# 898

Delta R.T. -0.012 min

Lab File: BF136527.D

Acq: 12 Dec 2023 21:03

Instrument :

BNA_F

ClientSampleId :

SB-1

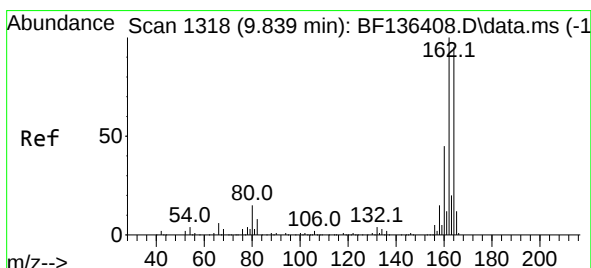
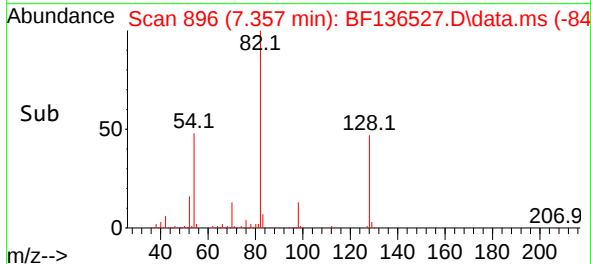
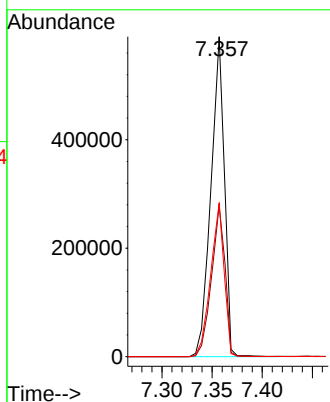
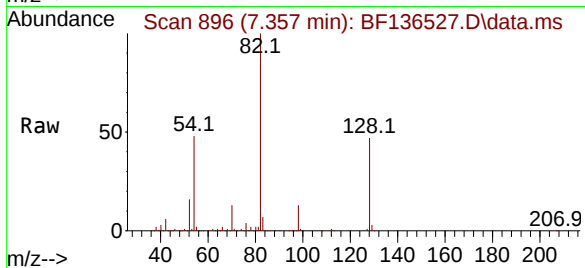
Tgt Ion: 82 Resp: 552824

Ion Ratio Lower Upper

82 100

128 47.3 36.3 54.5

54 48.1 39.0 58.6



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.827 min Scan# 1316

Delta R.T. -0.012 min

Lab File: BF136527.D

Acq: 12 Dec 2023 21:03

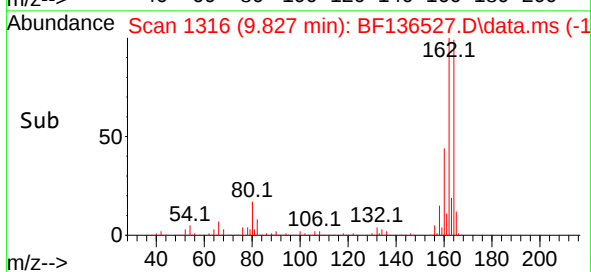
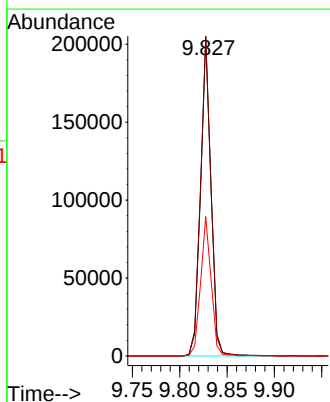
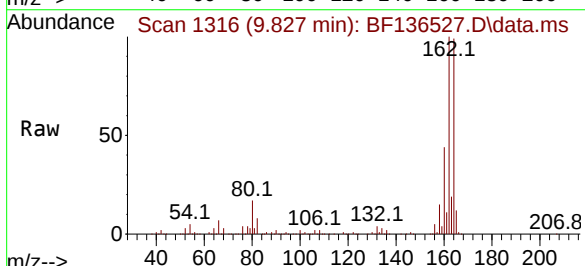
Tgt Ion:164 Resp: 155549

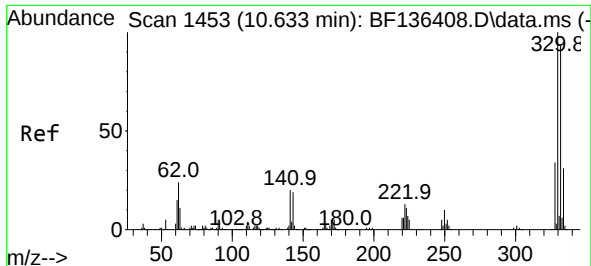
Ion Ratio Lower Upper

164 100

162 100.6 84.4 126.6

160 43.8 37.6 56.4



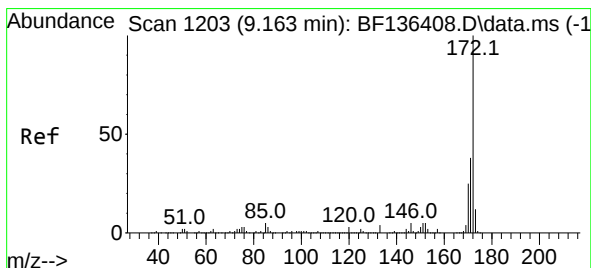
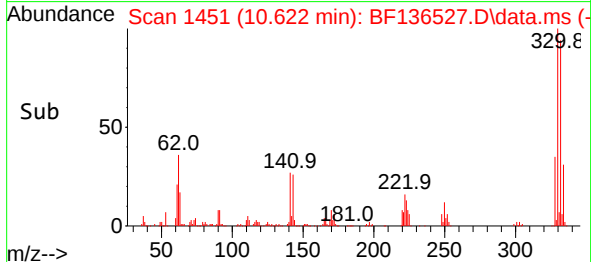
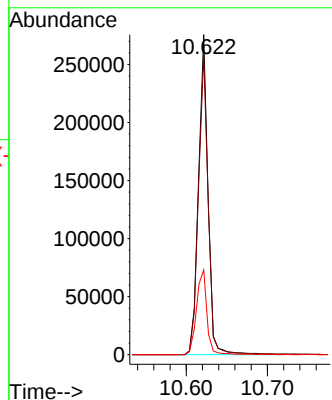
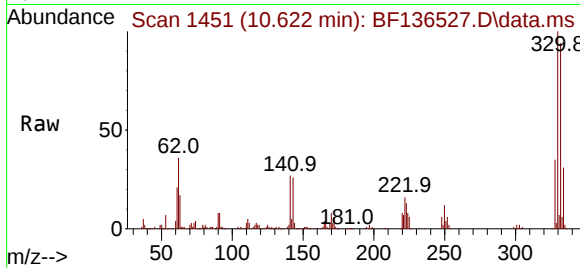


#42
 2,4,6-Tribromophenol
 Concen: 118.718 ng
 RT: 10.622 min Scan# 1453
 Delta R.T. -0.012 min
 Lab File: BF136527.D
 Acq: 12 Dec 2023 21:03

Instrument :
 BNA_F
 ClientSampleId :
 SB-1

Tgt Ion: 330 Resp: 227693

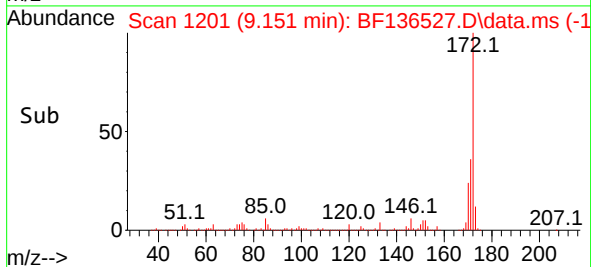
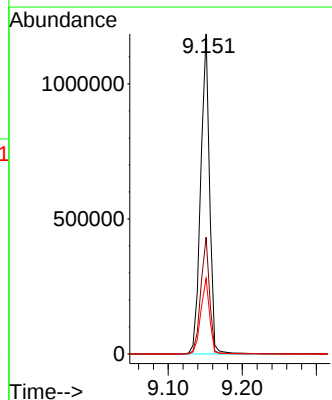
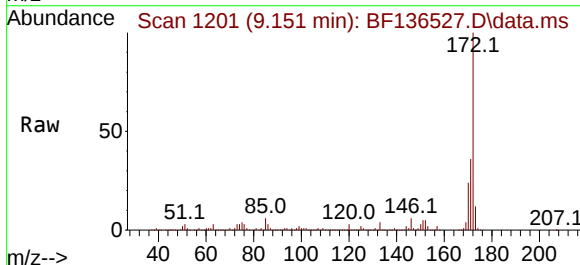
Ion	Ratio	Lower	Upper
330	100		
332	95.9	76.4	114.6
141	28.9	23.4	35.2

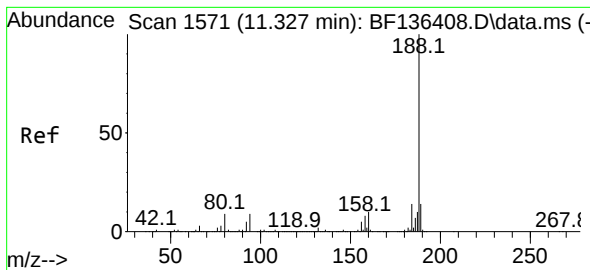


#45
 2-Fluorobiphenyl
 Concen: 86.010 ng
 RT: 9.151 min Scan# 1201
 Delta R.T. -0.012 min
 Lab File: BF136527.D
 Acq: 12 Dec 2023 21:03

Tgt Ion: 172 Resp: 980488

Ion	Ratio	Lower	Upper
172	100		
171	36.5	30.5	45.7
170	23.6	19.9	29.9





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.322 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF136527.D

Acq: 12 Dec 2023 21:03

Instrument :

BNA_F

ClientSampleId :

SB-1

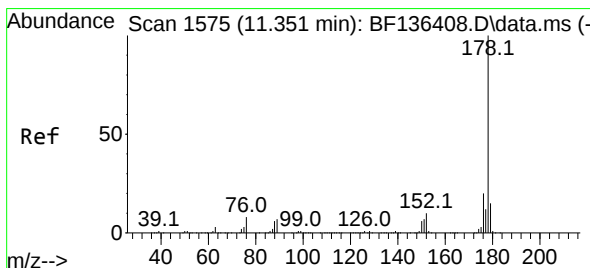
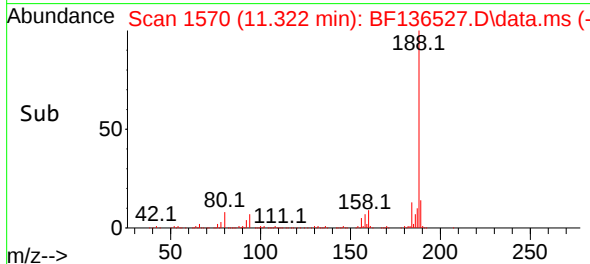
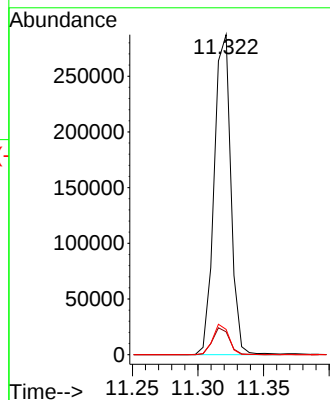
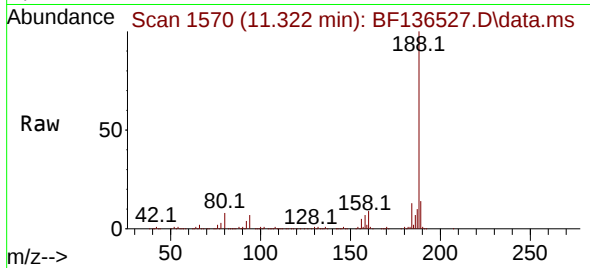
Tgt Ion:188 Resp: 254125

Ion Ratio Lower Upper

188 100

94 7.2 7.2 10.8#

80 7.9 7.2 10.8



#71

Phenanthrene

Concen: 2.717 ng

RT: 11.339 min Scan# 1573

Delta R.T. -0.012 min

Lab File: BF136527.D

Acq: 12 Dec 2023 21:03

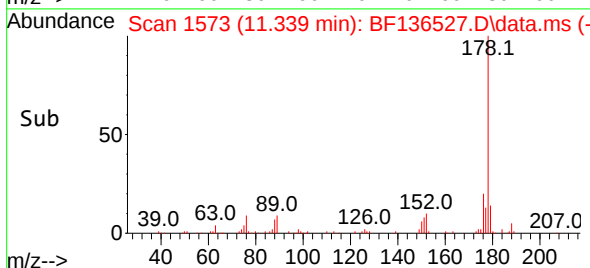
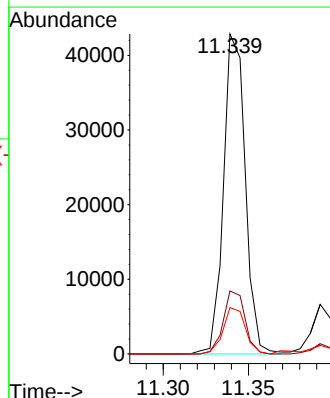
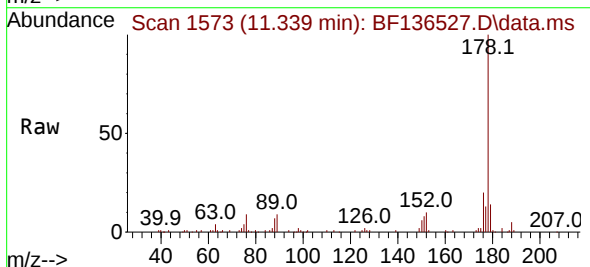
Tgt Ion:178 Resp: 37949

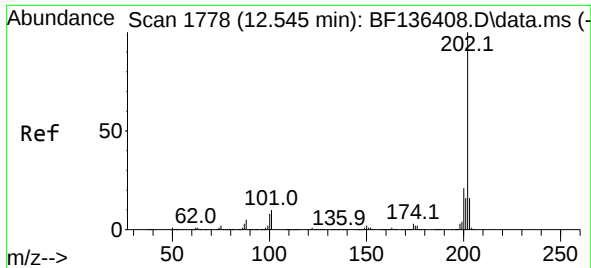
Ion Ratio Lower Upper

178 100

176 19.7 15.9 23.9

179 14.5 11.8 17.6

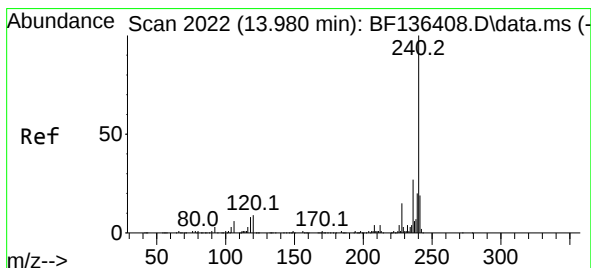
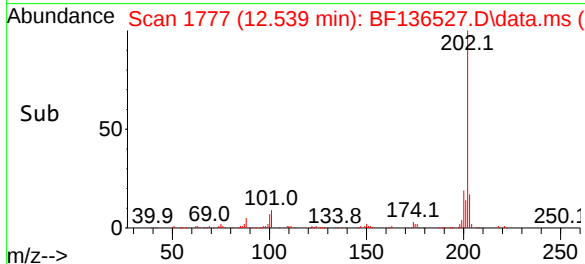
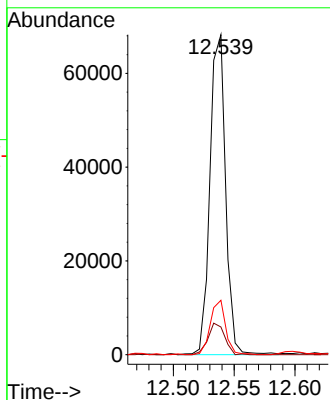
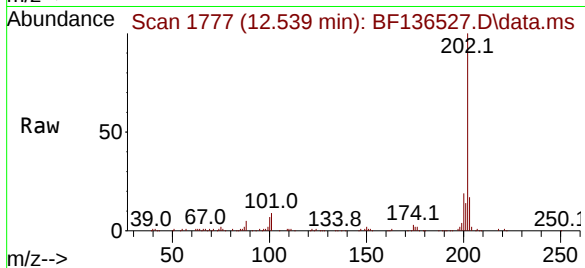




#75
Fluoranthene
Concen: 4.186 ng
RT: 12.539 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF136527.D
Acq: 12 Dec 2023 21:03

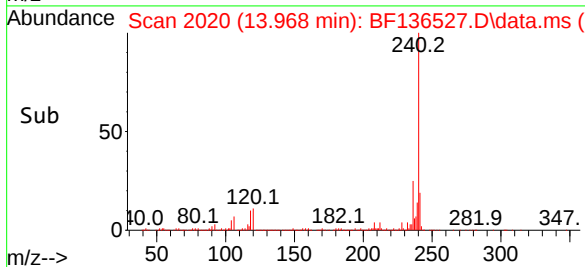
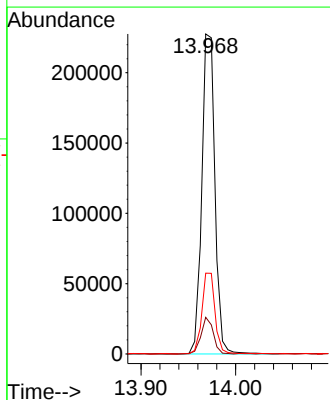
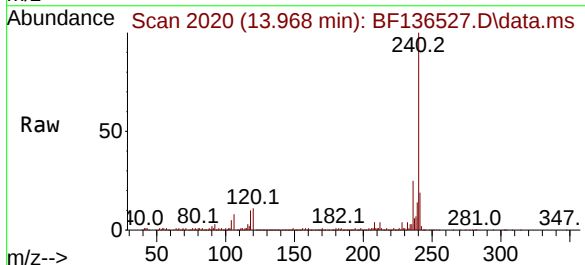
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BNA_F
ClientSampleId :
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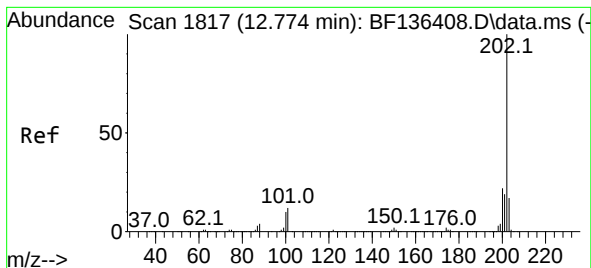
Tgt Ion:202 Resp: 61273
Ion Ratio Lower Upper
202 100
101 8.7 0.0 29.9
203 17.0 0.0 36.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.968 min Scan# 2020
Delta R.T. -0.012 min
Lab File: BF136527.D
Acq: 12 Dec 2023 21:03

Tgt Ion:240 Resp: 219835
Ion Ratio Lower Upper
240 100
120 11.5 7.3 10.9#
236 25.2 21.3 31.9





#78

Pyrene

Concen: 2.322 ng

RT: 12.768 min Scan# 1816

Delta R.T. -0.006 min

Lab File: BF136527.D

Acq: 12 Dec 2023 21:03

Instrument :

BNA_F

ClientSampleId :

SB-1

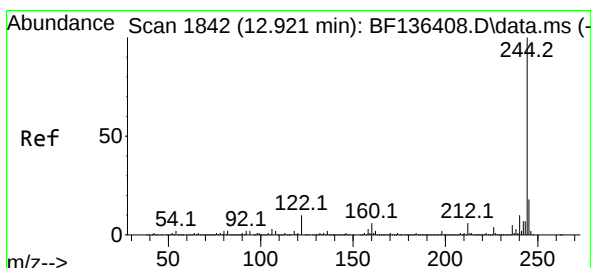
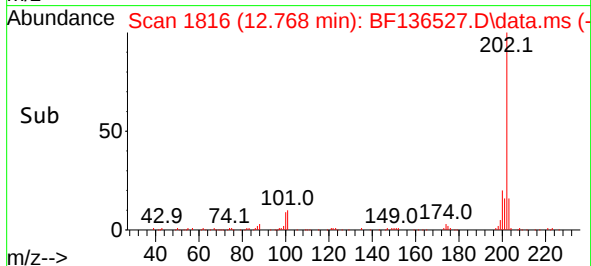
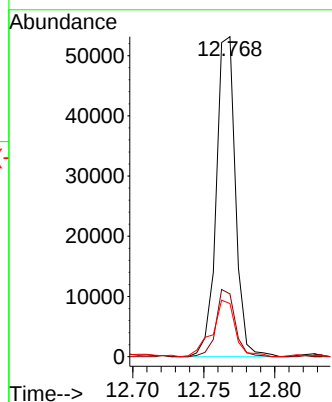
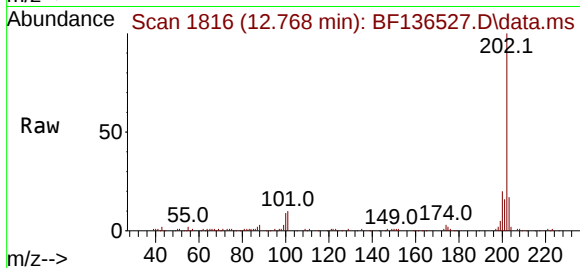
Tgt Ion:202 Resp: 49991

Ion Ratio Lower Upper

202 100

200 19.6 18.0 27.0

203 16.6 13.5 20.3



#79

Terphenyl-d14

Concen: 56.800 ng

RT: 12.916 min Scan# 1841

Delta R.T. -0.006 min

Lab File: BF136527.D

Acq: 12 Dec 2023 21:03

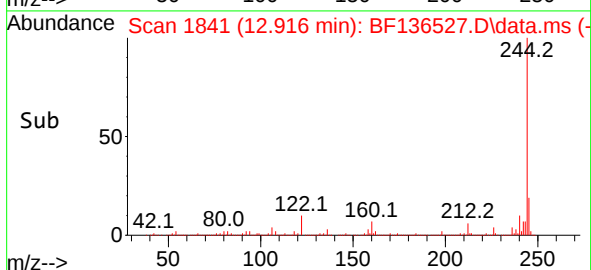
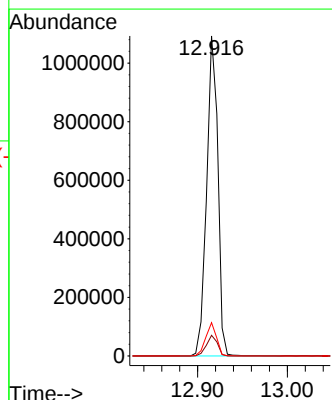
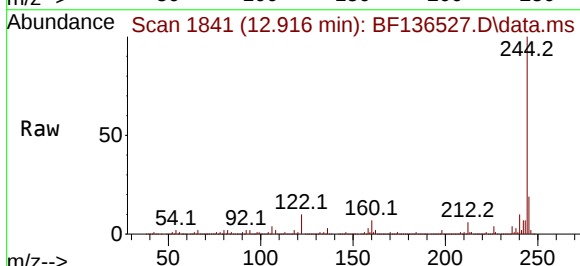
Tgt Ion:244 Resp: 947358

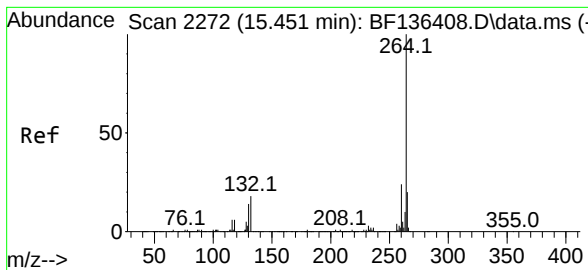
Ion Ratio Lower Upper

244 100

212 6.4 5.0 7.4

122 10.4 8.3 12.5





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.451 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BF136527.D
 Acq: 12 Dec 2023 21:03

Instrument :
 BNA_F
 ClientSampleId :
 SB-1

Tgt Ion:264	Resp:	209832
Ion Ratio	Lower	Upper
264	100	
260	22.9	19.2 28.8
265	21.6	15.9 23.9

