

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121423\
 Data File : BF136567.D
 Acq On : 14 Dec 2023 14:31
 Operator : CG\JU
 Sample : PB157494BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB157494BL

Quant Time: Dec 14 14:50:20 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	6.787	152	109730	20.000	ng	-0.02
21) Naphthalene-d8	8.063	136	452454	20.000	ng	-0.02
39) Acenaphthene-d10	9.822	164	242131	20.000	ng	-0.02
64) Phenanthrene-d10	11.310	188	485541	20.000	ng	-0.02
76) Chrysene-d12	13.963	240	303596	20.000	ng	-0.02
86) Perylene-d12	15.439	264	247302	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	629894	84.776	ng	0.00
7) Phenol-d6	6.428	99	769489	83.007	ng	-0.02
23) Nitrobenzene-d5	7.351	82	676498	80.830	ng	-0.02
42) 2,4,6-Tribromophenol	10.616	330	242531	81.236	ng	-0.02
45) 2-Fluorobiphenyl	9.145	172	1434169	80.821	ng	-0.02
79) Terphenyl-d14	12.916	244	1839254	79.850	ng	0.00

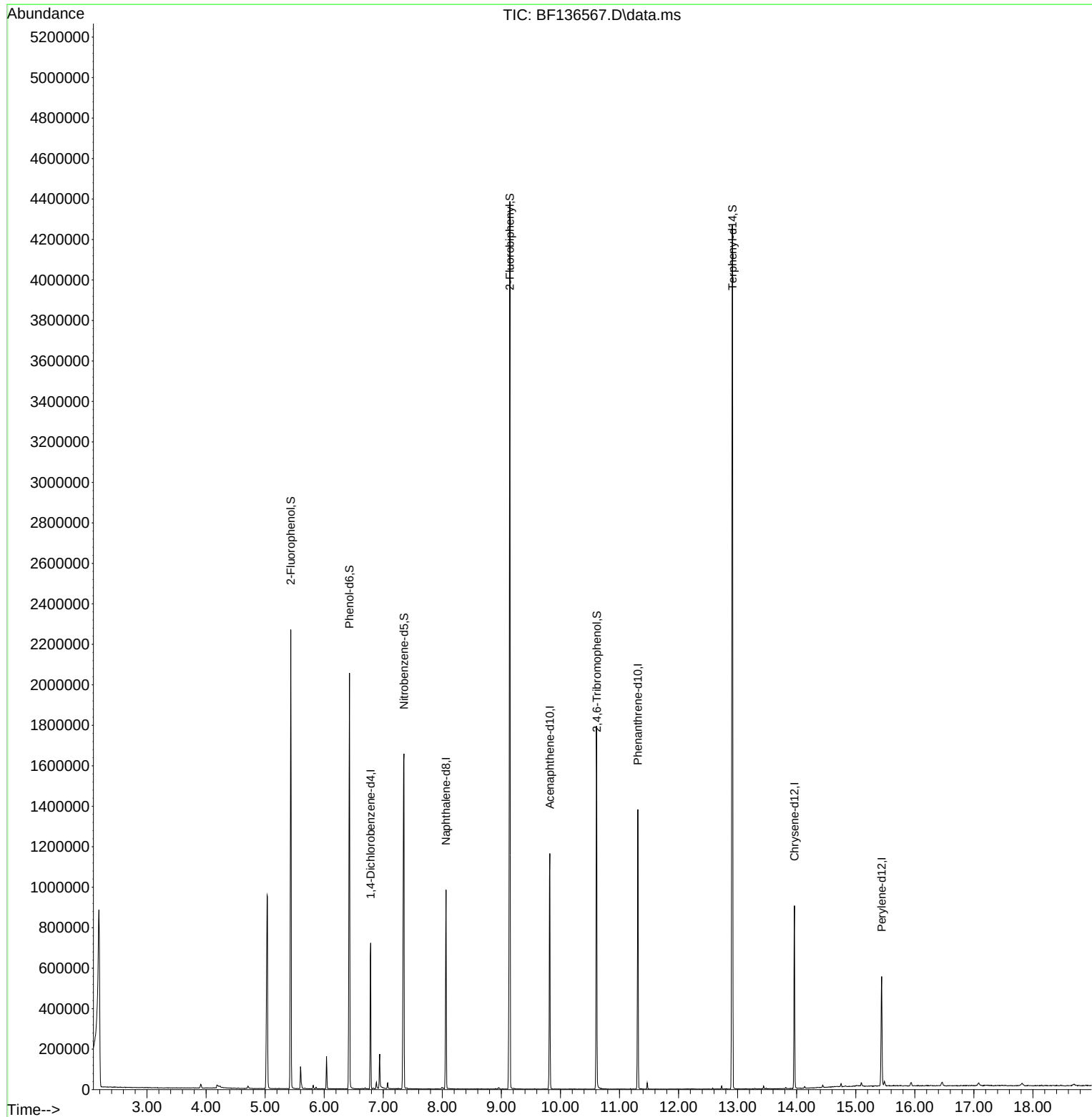
Target Compounds	Qvalue

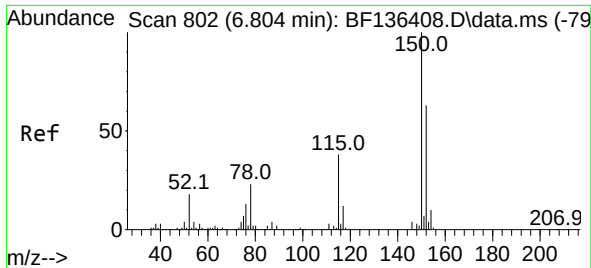
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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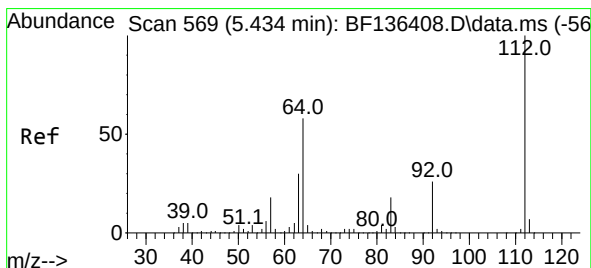
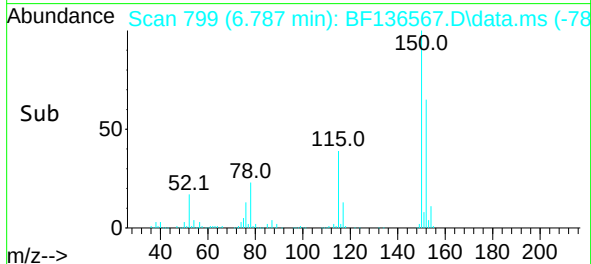
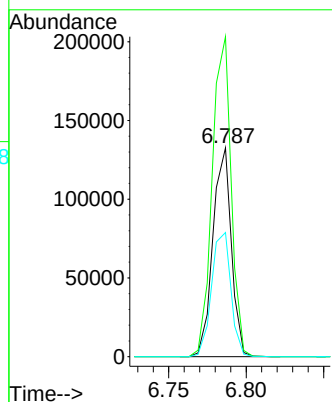
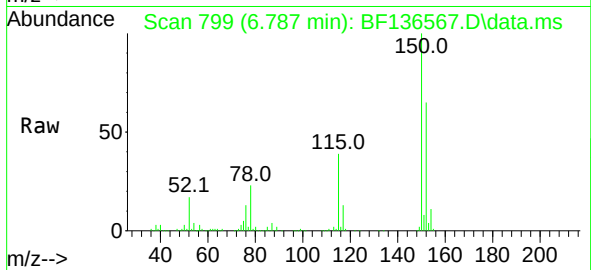




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.787 min Scan# 79
Delta R.T. -0.017 min
Lab File: BF136567.D
Acq: 14 Dec 2023 14:31

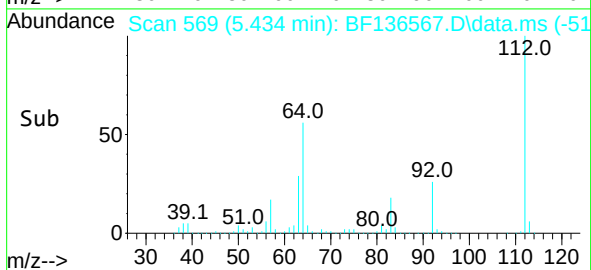
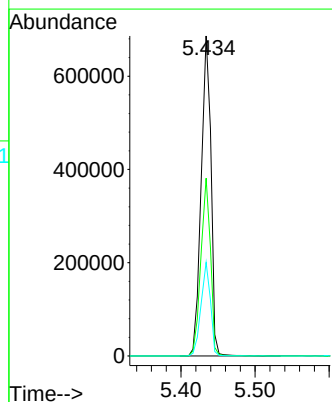
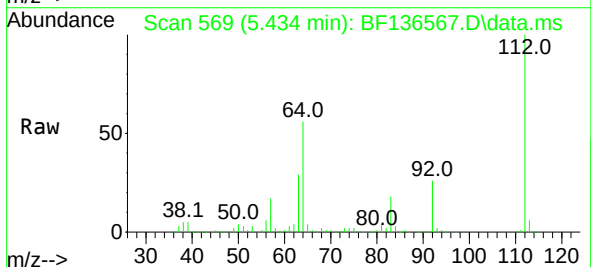
Instrument :
BNA_F
ClientSampleId :
PB157494BL

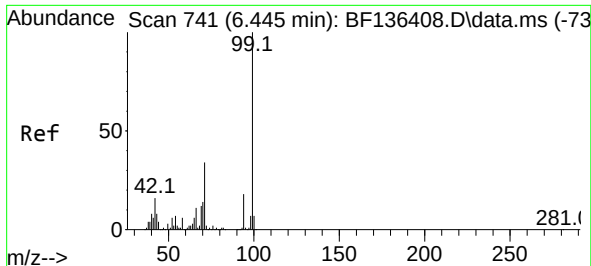
Tgt Ion:152 Resp: 109730
Ion Ratio Lower Upper
152 100
150 153.3 126.4 189.6
115 59.5 48.2 72.4



#5
2-Fluorophenol
Concen: 84.776 ng
RT: 5.434 min Scan# 569
Delta R.T. 0.000 min
Lab File: BF136567.D
Acq: 14 Dec 2023 14:31

Tgt Ion:112 Resp: 629894
Ion Ratio Lower Upper
112 100
64 55.5 46.5 69.7
63 29.3 23.9 35.9

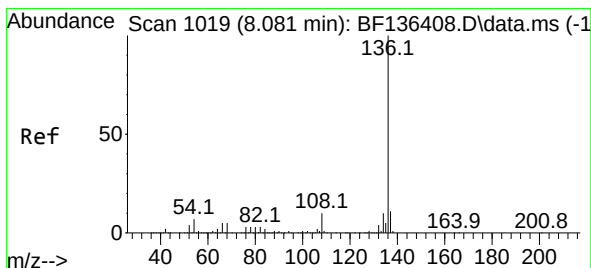
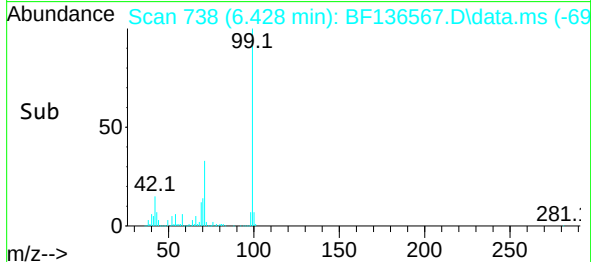
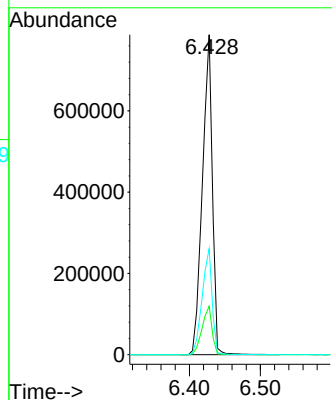
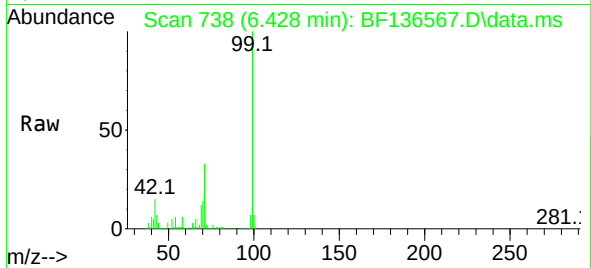




#7
Phenol-d6
Concen: 83.007 ng
RT: 6.428 min Scan# 71
Delta R.T. -0.018 min
Lab File: BF136567.D
Acq: 14 Dec 2023 14:31

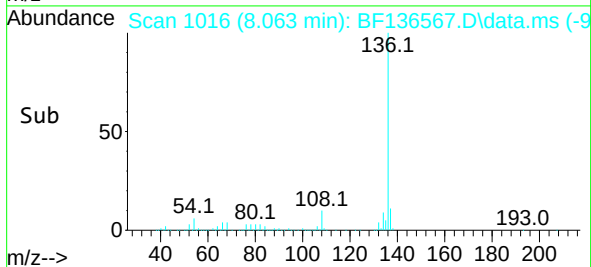
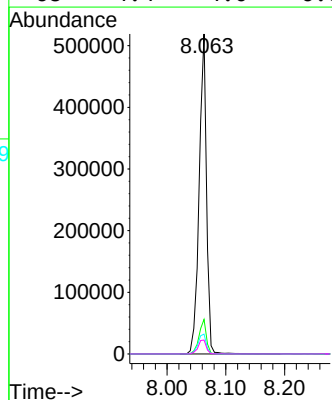
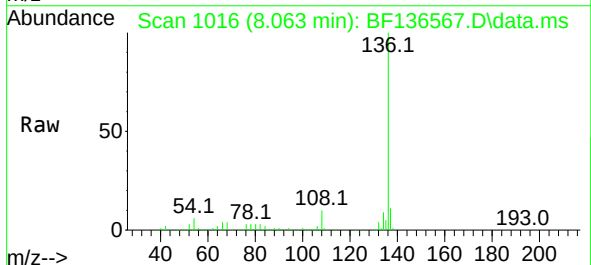
Instrument :
BNA_F
ClientSampleId :
PB157494BL

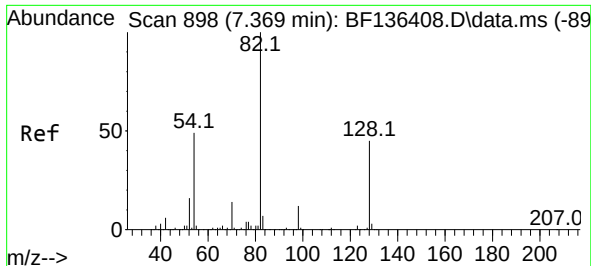
Tgt Ion: 99 Resp: 769489
Ion Ratio Lower Upper
99 100
42 15.2 12.8 19.2
71 33.1 27.0 40.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.063 min Scan# 1016
Delta R.T. -0.018 min
Lab File: BF136567.D
Acq: 14 Dec 2023 14:31

Tgt Ion: 136 Resp: 452454
Ion Ratio Lower Upper
136 100
137 10.8 8.6 12.8
54 6.2 5.7 8.5
68 4.4 4.0 6.0





#23

Nitrobenzene-d5

Concen: 80.830 ng

RT: 7.351 min Scan# 89

Delta R.T. -0.018 min

Lab File: BF136567.D

Acq: 14 Dec 2023 14:31

Instrument :

BNA_F

ClientSampleId :

PB157494BL

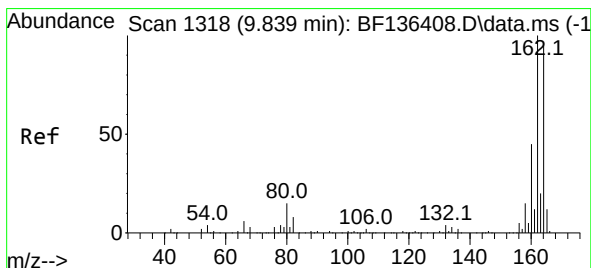
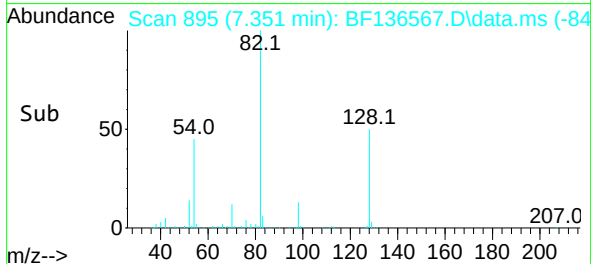
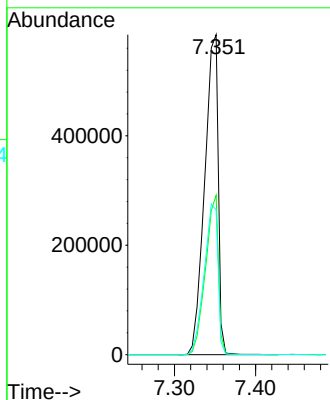
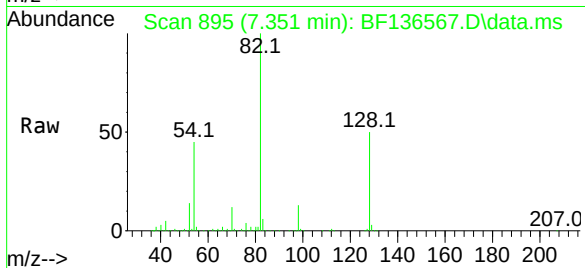
Tgt Ion: 82 Resp: 676498

Ion Ratio Lower Upper

82 100

128 49.8 36.3 54.5

54 45.2 39.0 58.6



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.822 min Scan# 1315

Delta R.T. -0.018 min

Lab File: BF136567.D

Acq: 14 Dec 2023 14:31

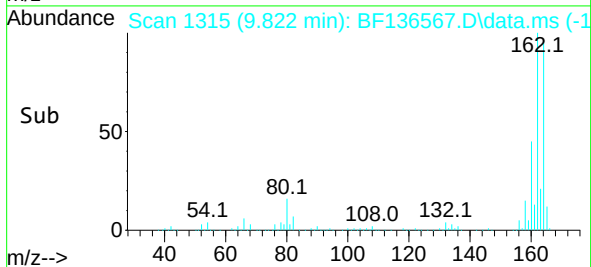
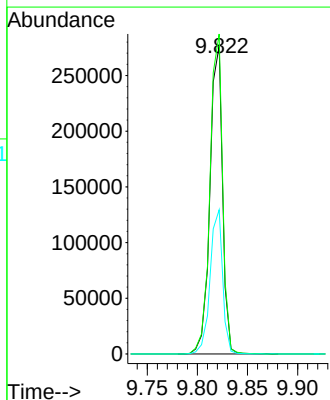
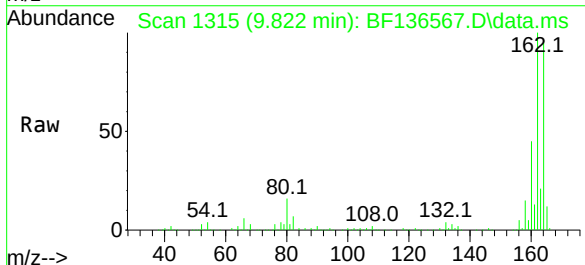
Tgt Ion:164 Resp: 242131

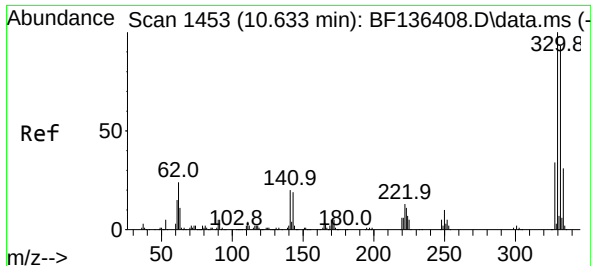
Ion Ratio Lower Upper

164 100

162 103.9 84.4 126.6

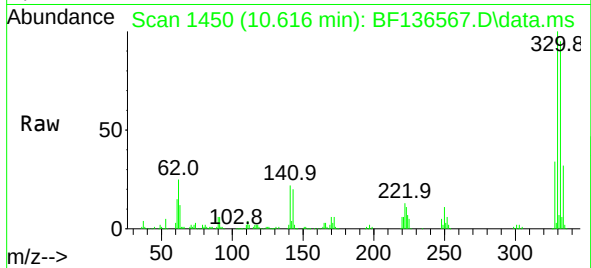
160 46.8 37.6 56.4



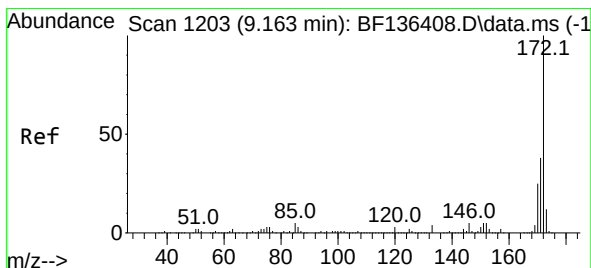
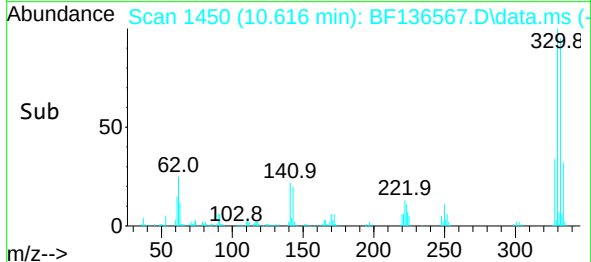
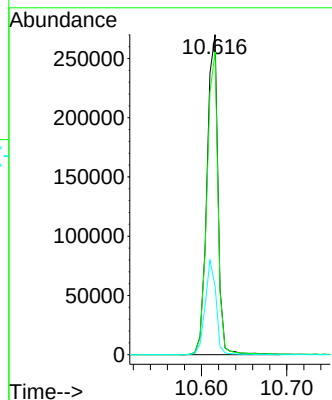


#42
2,4,6-Tribromophenol
Concen: 81.236 ng
RT: 10.616 min Scan# 14
Delta R.T. -0.018 min
Lab File: BF136567.D
Acq: 14 Dec 2023 14:31

Instrument :
BNA_F
ClientSampleId :
PB157494BL

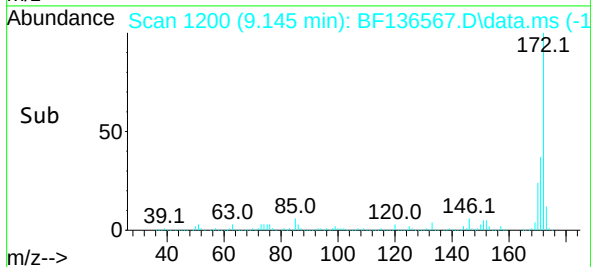
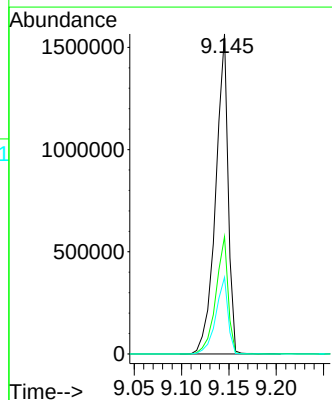
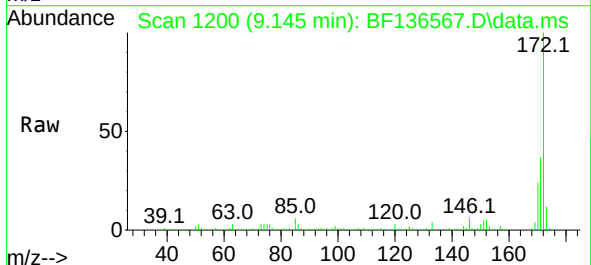


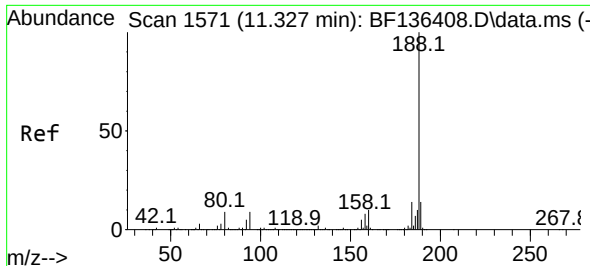
Tgt Ion:330 Resp: 242531
Ion Ratio Lower Upper
330 100
332 94.9 76.4 114.6
141 29.2 23.4 35.2



#45
2-Fluorobiphenyl
Concen: 80.821 ng
RT: 9.145 min Scan# 1200
Delta R.T. -0.018 min
Lab File: BF136567.D
Acq: 14 Dec 2023 14:31

Tgt Ion:172 Resp: 1434169
Ion Ratio Lower Upper
172 100
171 36.7 30.5 45.7
170 23.9 19.9 29.9

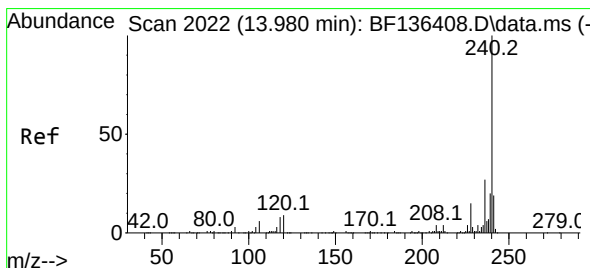
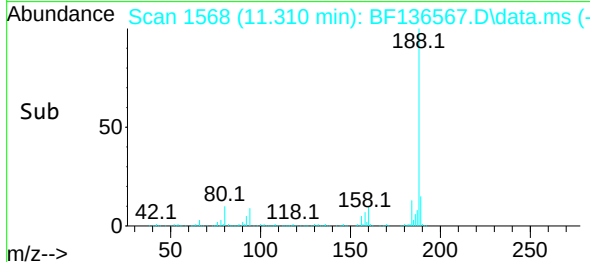
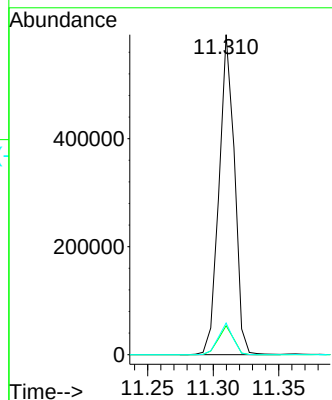
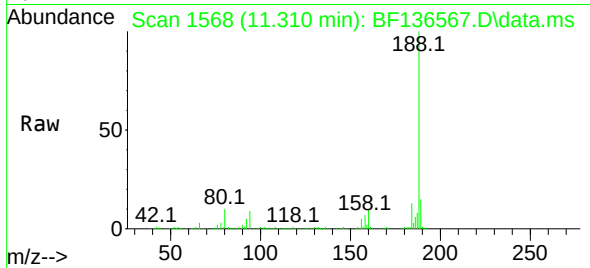




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 11
Delta R.T. -0.018 min
Lab File: BF136567.D
Acq: 14 Dec 2023 14:31

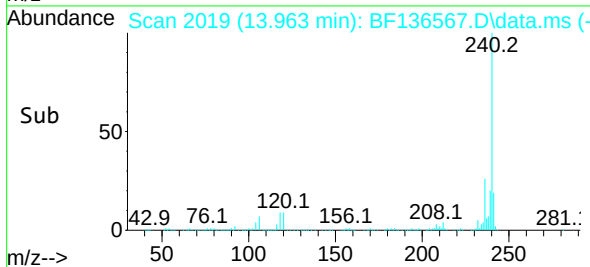
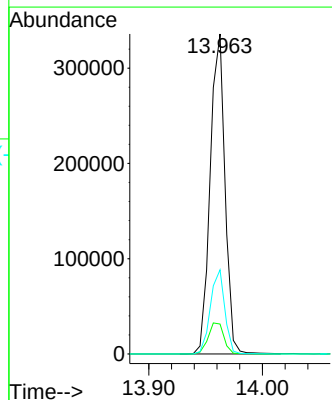
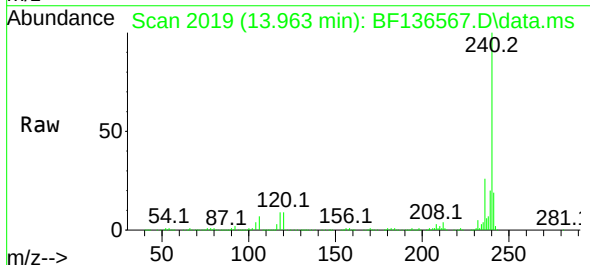
Instrument :
BNA_F
ClientSampleId :
PB157494BL

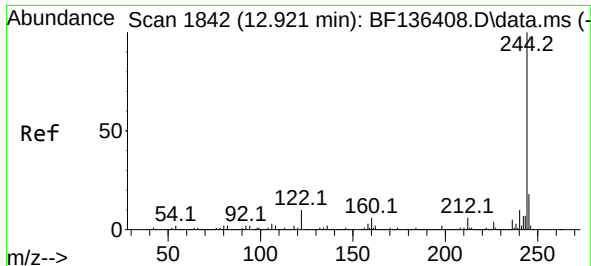
Tgt Ion:188 Resp: 485541
Ion Ratio Lower Upper
188 100
94 9.1 7.2 10.8
80 9.9 7.2 10.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.963 min Scan# 2019
Delta R.T. -0.018 min
Lab File: BF136567.D
Acq: 14 Dec 2023 14:31

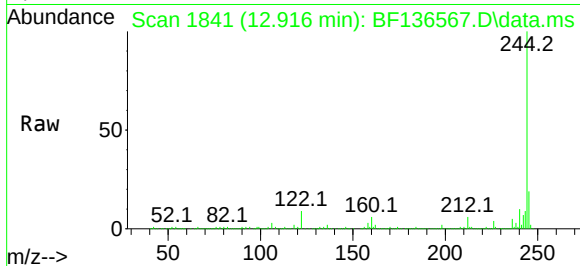
Tgt Ion:240 Resp: 303596
Ion Ratio Lower Upper
240 100
120 9.4 7.3 10.9
236 26.3 21.3 31.9





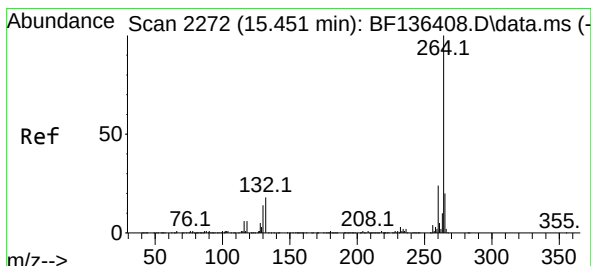
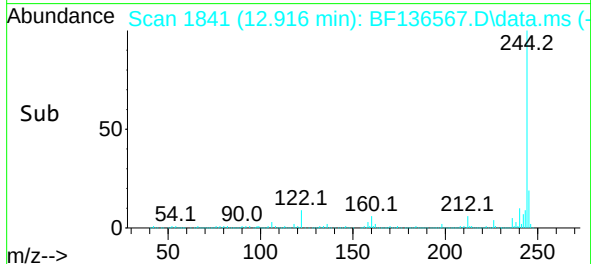
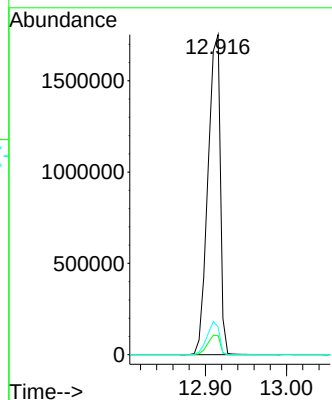
#79
 Terphenyl-d14
 Concen: 79.850 ng
 RT: 12.916 min Scan# 1841
 Delta R.T. -0.006 min
 Lab File: BF136567.D
 Acq: 14 Dec 2023 14:31

Instrument :
 BNA_F
 ClientSampleId :
 PB157494BL



Tgt Ion:244 Resp: 1839254

Ion	Ratio	Lower	Upper
244	100		
212	5.9	5.0	7.4
122	8.7	8.3	12.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.439 min Scan# 2270
 Delta R.T. -0.012 min
 Lab File: BF136567.D
 Acq: 14 Dec 2023 14:31

Tgt Ion:264 Resp: 247302

Ion	Ratio	Lower	Upper
264	100		
260	22.1	19.2	28.8
265	21.2	15.9	23.9

