

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110123\
 Data File : BF136085.D
 Acq On : 01 Nov 2023 19:33
 Operator : CG\JU
 Sample : 05142-01
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PSC-124037

Quant Time: Nov 01 22:42:34 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)

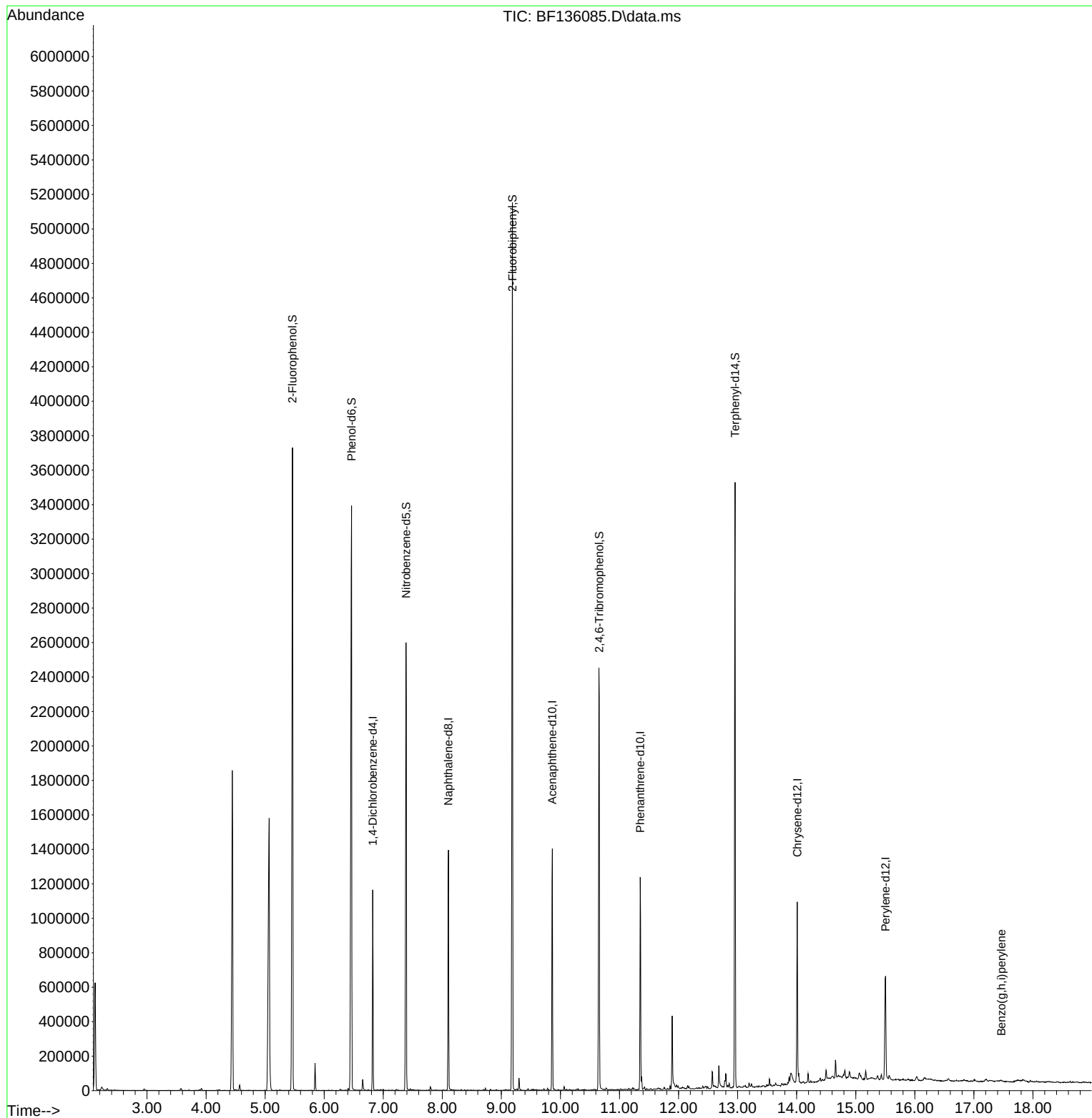
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.822	152	148402	20.000	ng	0.00
21) Naphthalene-d8	8.104	136	574586	20.000	ng	0.00
39) Acenaphthene-d10	9.863	164	279799	20.000	ng	0.00
64) Phenanthrene-d10	11.351	188	436782	20.000	ng	0.00
76) Chrysene-d12	14.010	240	312754	20.000	ng	0.00
86) Perylene-d12	15.504	264	290774	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.463	112	1208189	127.934	ng	0.01
7) Phenol-d6	6.463	99	1461412	124.201	ng	0.00
23) Nitrobenzene-d5	7.387	82	903301	94.770	ng	0.00
42) 2,4,6-Tribromophenol	10.657	330	340018	113.851	ng	0.00
45) 2-Fluorobiphenyl	9.186	172	1520682	86.638	ng	0.00
79) Terphenyl-d14	12.957	244	1240985	61.663	ng	0.00
Target Compounds						
92) Benzo(g,h,i)perylene	17.468	276	6231	3.225	ng	Qvalue 97

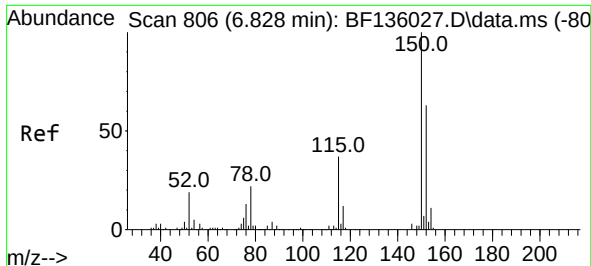
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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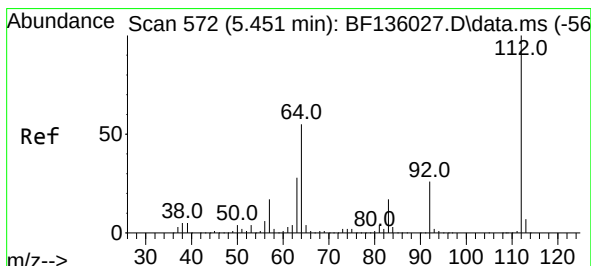
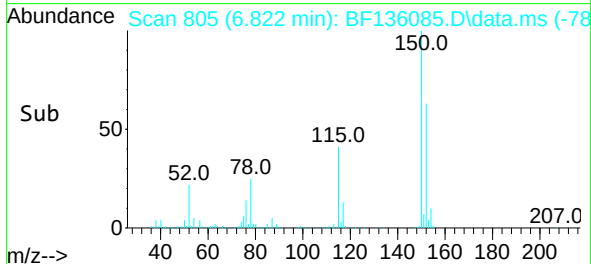
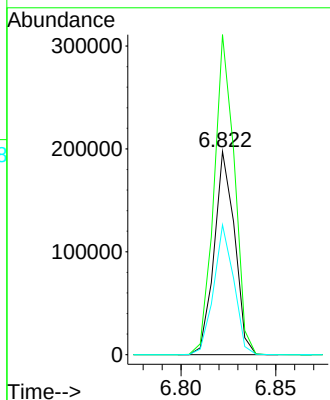
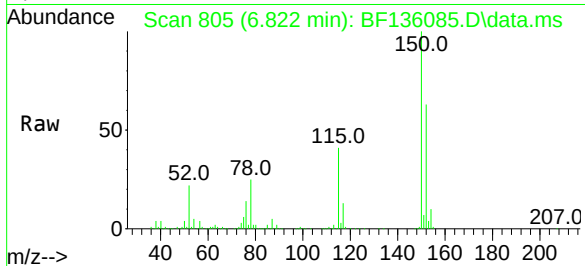




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.822 min Scan# 806
Delta R.T. -0.006 min
Lab File: BF136085.D
Acq: 01 Nov 2023 19:33

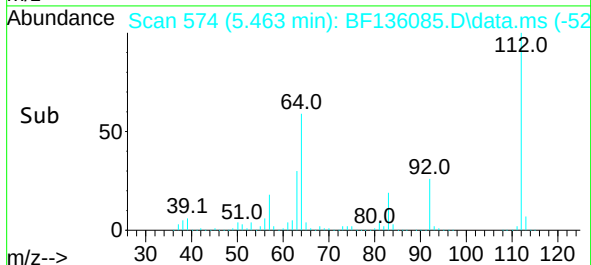
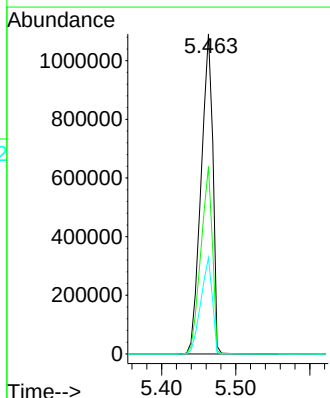
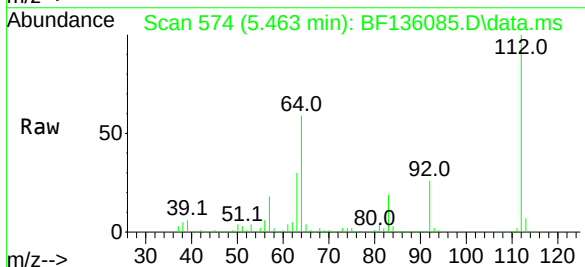
Instrument :
BNA_F
ClientSampleId :
PSC-124037

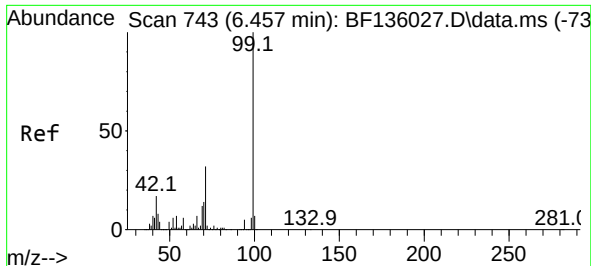
Tgt Ion:152 Resp: 148402
Ion Ratio Lower Upper
152 100
150 157.5 126.4 189.6
115 63.9 47.0 70.4



#5
2-Fluorophenol
Concen: 127.934 ng
RT: 5.463 min Scan# 574
Delta R.T. 0.012 min
Lab File: BF136085.D
Acq: 01 Nov 2023 19:33

Tgt Ion:112 Resp: 1208189
Ion Ratio Lower Upper
112 100
64 58.6 43.9 65.9
63 30.1 22.4 33.6

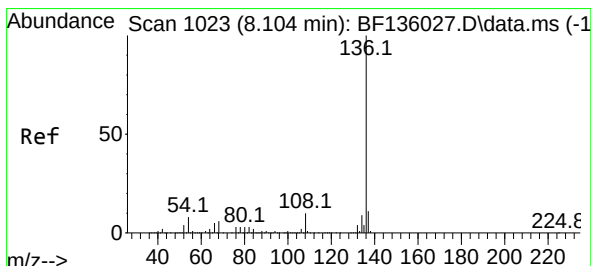
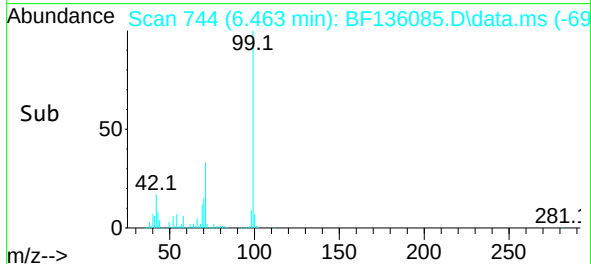
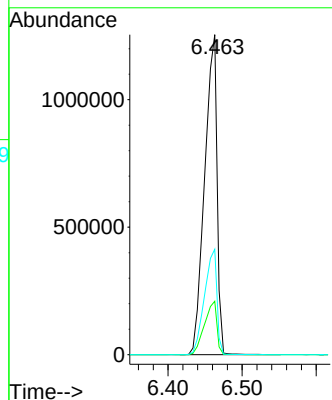
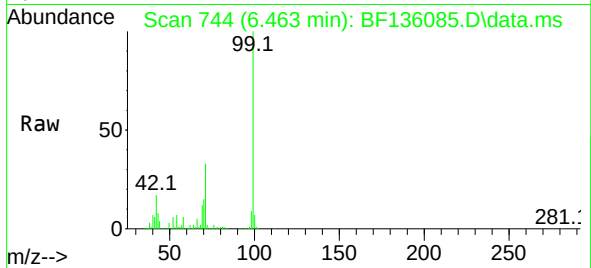




#7
Phenol-d6
Concen: 124.201 ng
RT: 6.463 min Scan# 743
Delta R.T. 0.006 min
Lab File: BF136085.D
Acq: 01 Nov 2023 19:33

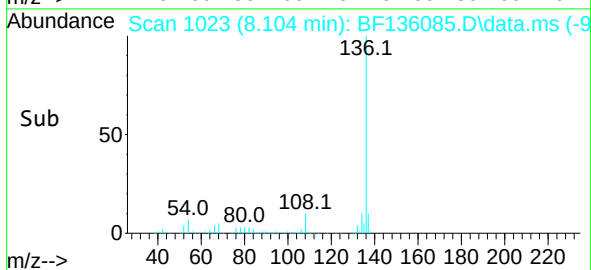
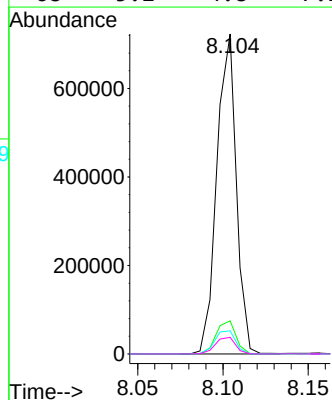
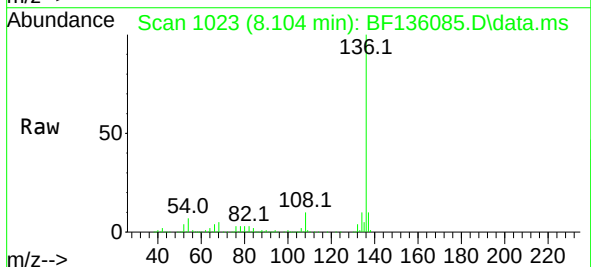
Instrument :
BNA_F
ClientSampleId :
PSC-124037

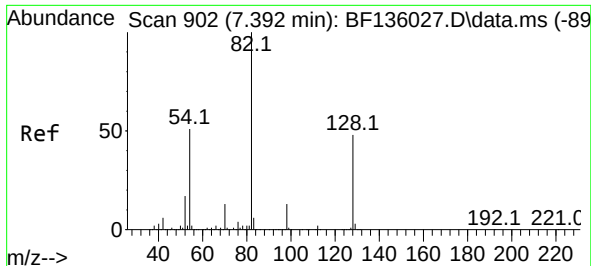
Tgt Ion: 99 Resp: 1461412
Ion Ratio Lower Upper
99 100
42 16.7 13.7 20.5
71 32.9 25.9 38.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.104 min Scan# 1023
Delta R.T. 0.000 min
Lab File: BF136085.D
Acq: 01 Nov 2023 19:33

Tgt Ion: 136 Resp: 574586
Ion Ratio Lower Upper
136 100
137 10.4 8.6 13.0
54 7.3 6.6 9.8
68 5.2 4.8 7.2





#23

Nitrobenzene-d5

Concen: 94.770 ng

RT: 7.387 min Scan# 901

Delta R.T. -0.006 min

Lab File: BF136085.D

Acq: 01 Nov 2023 19:33

Instrument :

BNA_F

ClientSampleId :

PSC-124037

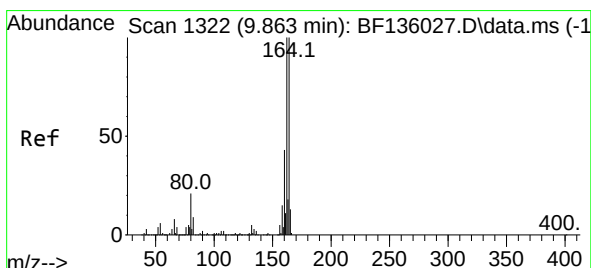
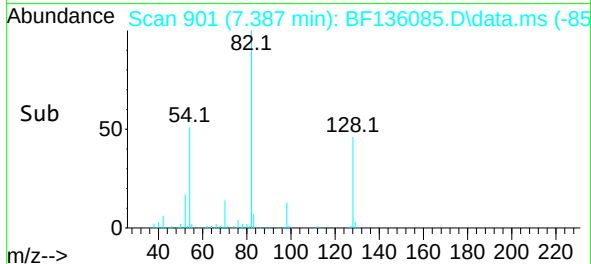
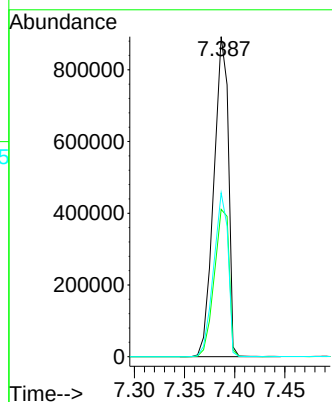
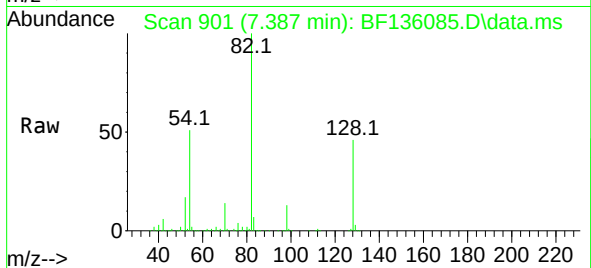
Tgt Ion: 82 Resp: 903301

Ion Ratio Lower Upper

82 100

128 46.0 38.6 57.8

54 51.2 40.8 61.2



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.863 min Scan# 1322

Delta R.T. -0.000 min

Lab File: BF136085.D

Acq: 01 Nov 2023 19:33

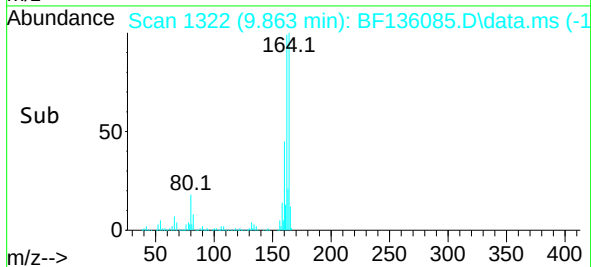
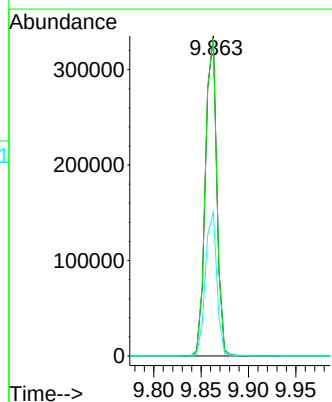
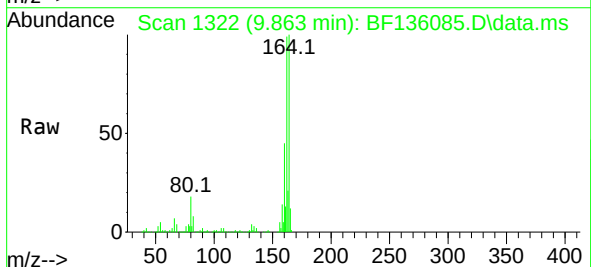
Tgt Ion:164 Resp: 279799

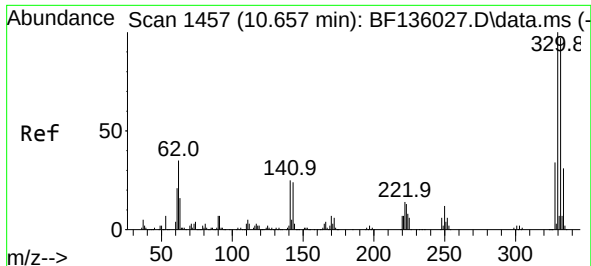
Ion Ratio Lower Upper

164 100

162 99.3 80.1 120.1

160 45.0 34.8 52.2





#42

2,4,6-Tribromophenol

Concen: 113.851 ng

RT: 10.657 min Scan# 1457

Delta R.T. 0.000 min

Lab File: BF136085.D

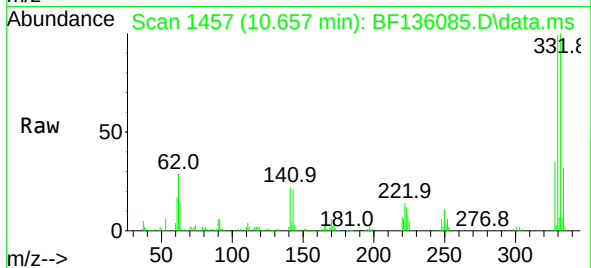
Acq: 01 Nov 2023 19:33

Instrument :

BNA_F

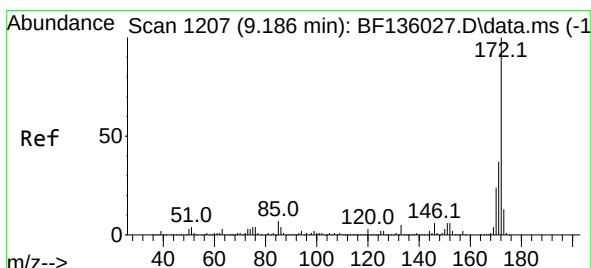
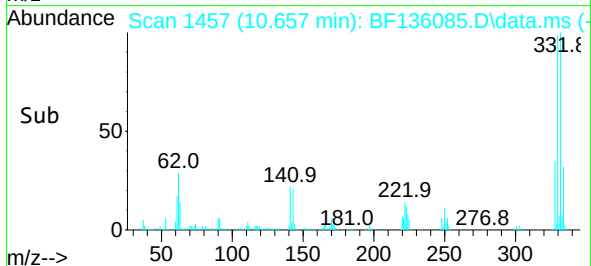
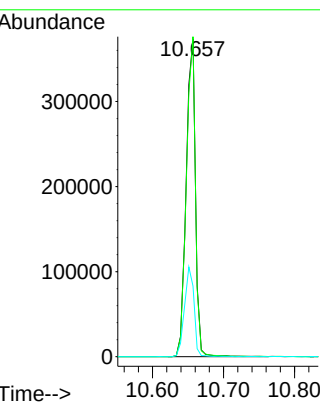
ClientSampleId :

PSC-124037



Tgt Ion:330 Resp: 340018

Ion	Ratio	Lower	Upper
330	100		
332	98.4	76.9	115.3
141	29.1	23.2	34.8



#45

2-Fluorobiphenyl

Concen: 86.638 ng

RT: 9.186 min Scan# 1207

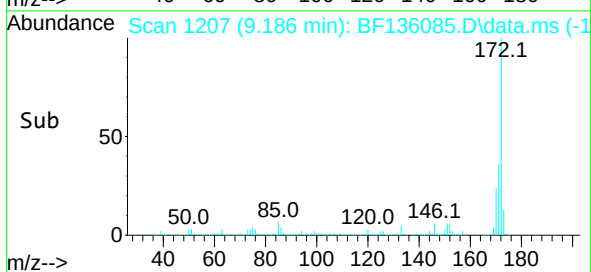
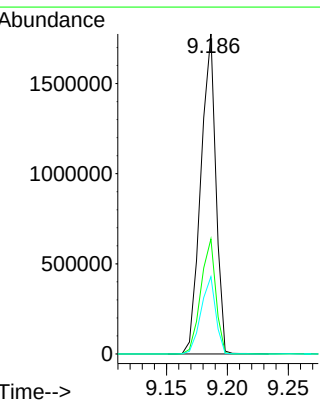
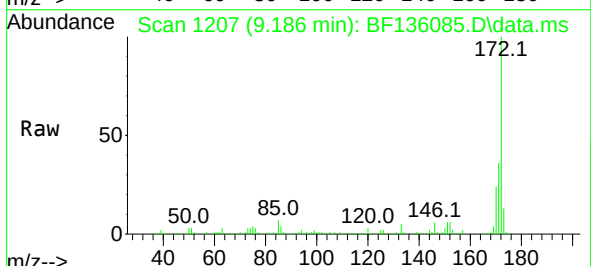
Delta R.T. 0.000 min

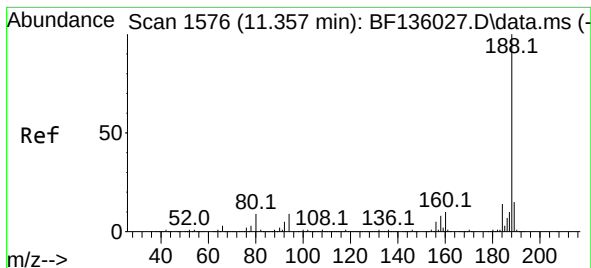
Lab File: BF136085.D

Acq: 01 Nov 2023 19:33

Tgt Ion:172 Resp: 1520682

Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.4	44.0
170	24.1	19.3	28.9





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.351 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF136085.D

Acq: 01 Nov 2023 19:33

Instrument :

BNA_F

ClientSampleId :

PSC-124037

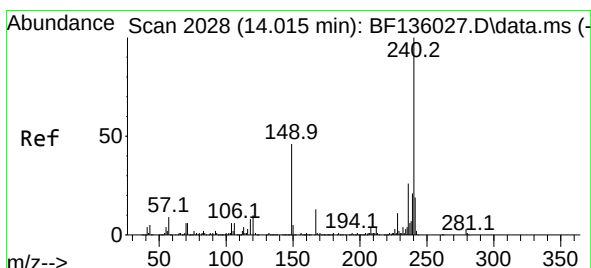
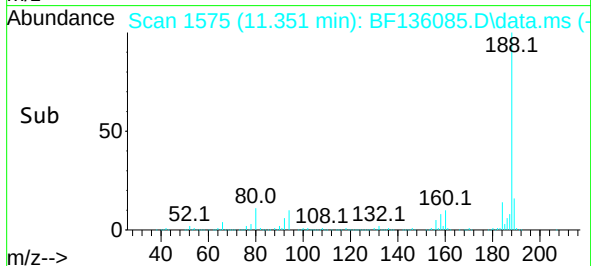
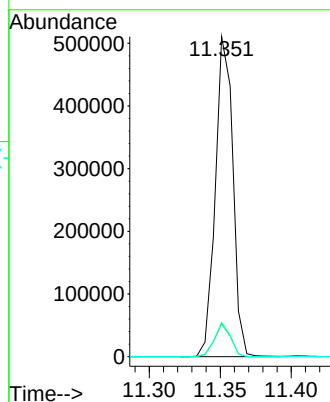
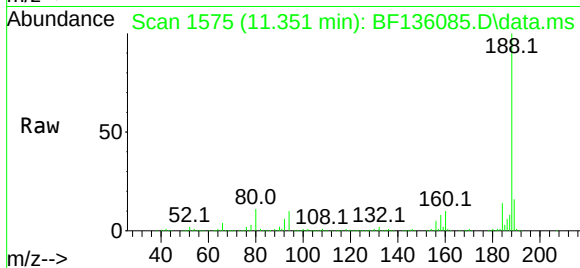
Tgt Ion:188 Resp: 436782

Ion Ratio Lower Upper

188 100

94 10.3 7.2 10.8

80 10.7 7.4 11.0



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.010 min Scan# 2027

Delta R.T. -0.006 min

Lab File: BF136085.D

Acq: 01 Nov 2023 19:33

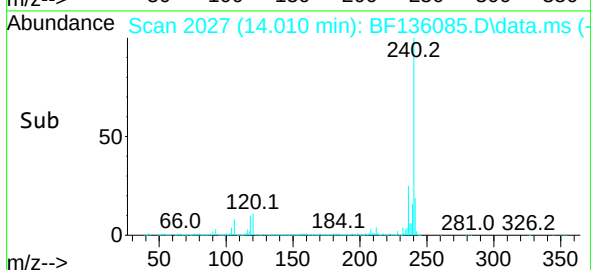
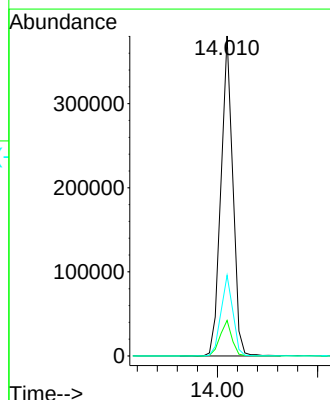
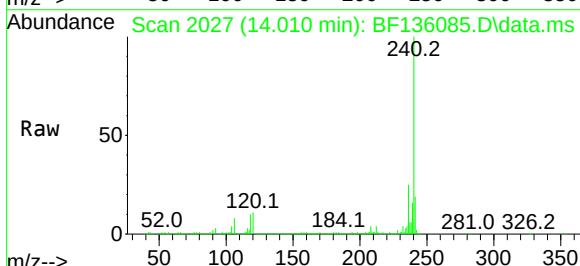
Tgt Ion:240 Resp: 312754

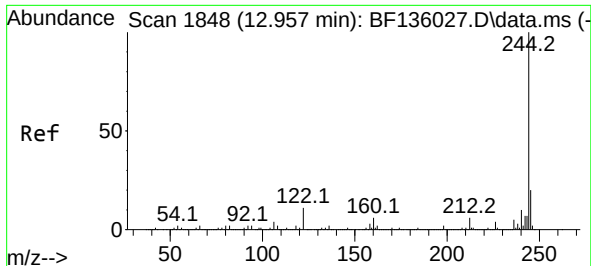
Ion Ratio Lower Upper

240 100

120 11.1 7.6 11.4

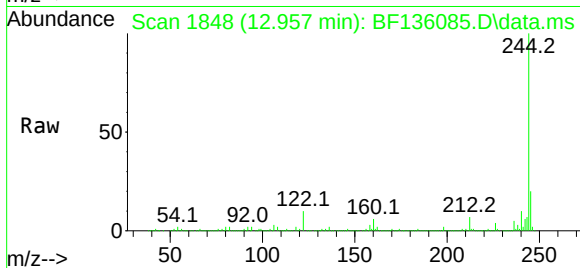
236 25.2 20.6 31.0





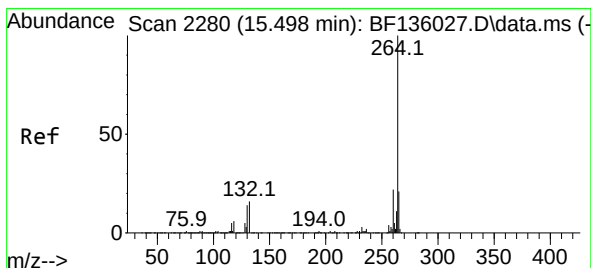
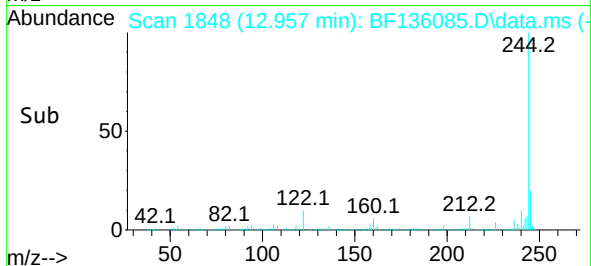
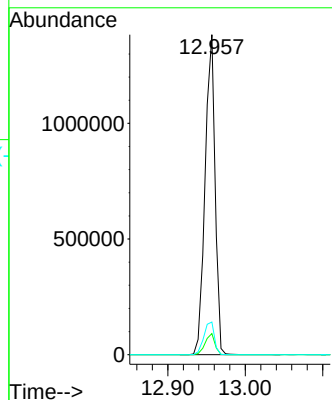
#79
 Terphenyl-d14
 Concen: 61.663 ng
 RT: 12.957 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF136085.D
 Acq: 01 Nov 2023 19:33

Instrument :
 BNA_F
 ClientSampleId :
 PSC-124037



Tgt Ion:244 Resp: 1240985

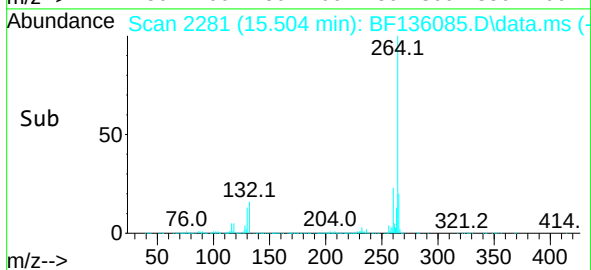
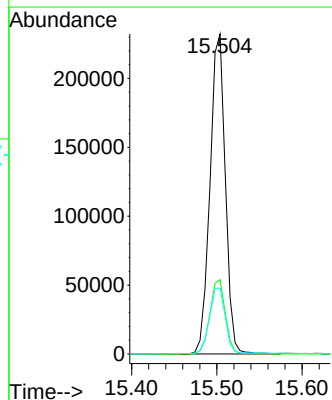
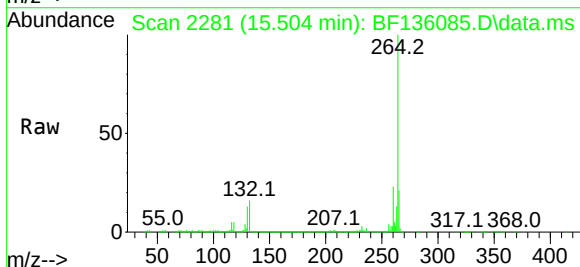
Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.1	7.7
122	10.2	8.6	12.8

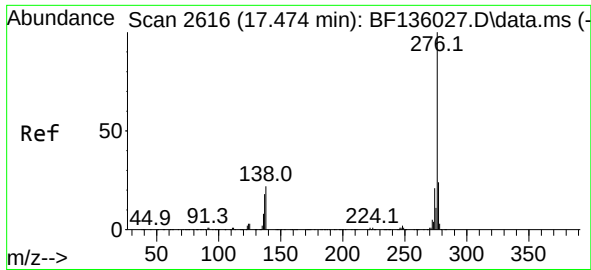


#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.504 min Scan# 2281
 Delta R.T. 0.006 min
 Lab File: BF136085.D
 Acq: 01 Nov 2023 19:33

Tgt Ion:264 Resp: 290774

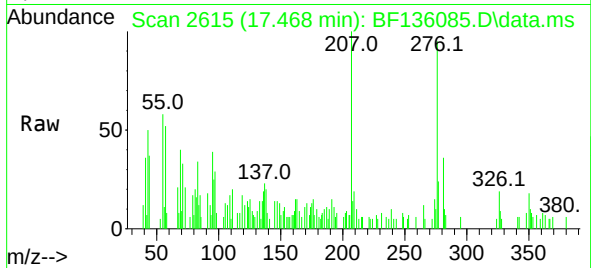
Ion	Ratio	Lower	Upper
264	100		
260	23.2	17.9	26.9
265	20.5	16.8	25.2





#92
 Benzo(g,h,i)perylene
 Concen: 3.225 ng
 RT: 17.468 min Scan# 20
 Delta R.T. -0.006 min
 Lab File: BF136085.D
 Acq: 01 Nov 2023 19:33

Instrument :
 BNA_F
 ClientSampleId :
 PSC-124037



Tgt Ion:	276	Resp:	6231
Ion	Ratio	Lower	Upper
276	100		
277	25.2	19.0	28.4
138	20.6	17.4	26.2

