

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122123\
 Data File : BF136666.D
 Acq On : 21 Dec 2023 12:43
 Operator : CG\JU
 Sample : 05585-03
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P3874-SP3

Quant Time: Dec 21 13:14:06 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 21 01:54:25 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	75685	20.000	ng	-0.01
21) Naphthalene-d8	8.057	136	291287	20.000	ng	-0.01
39) Acenaphthene-d10	9.810	164	150208	20.000	ng	-0.02
64) Phenanthrene-d10	11.304	188	289977	20.000	ng	-0.01
76) Chrysene-d12	13.951	240	161336	20.000	ng	-0.02
86) Perylene-d12	15.427	264	155329	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	252209	51.994	ng	-0.01
7) Phenol-d6	6.416	99	192787	30.672	ng	-0.02
23) Nitrobenzene-d5	7.339	82	448382	78.768	ng	-0.02
42) 2,4,6-Tribromophenol	10.610	330	210368	118.917	ng	-0.01
45) 2-Fluorobiphenyl	9.133	172	902375	80.800	ng	-0.02
79) Terphenyl-d14	12.904	244	934960	80.985	ng	-0.01

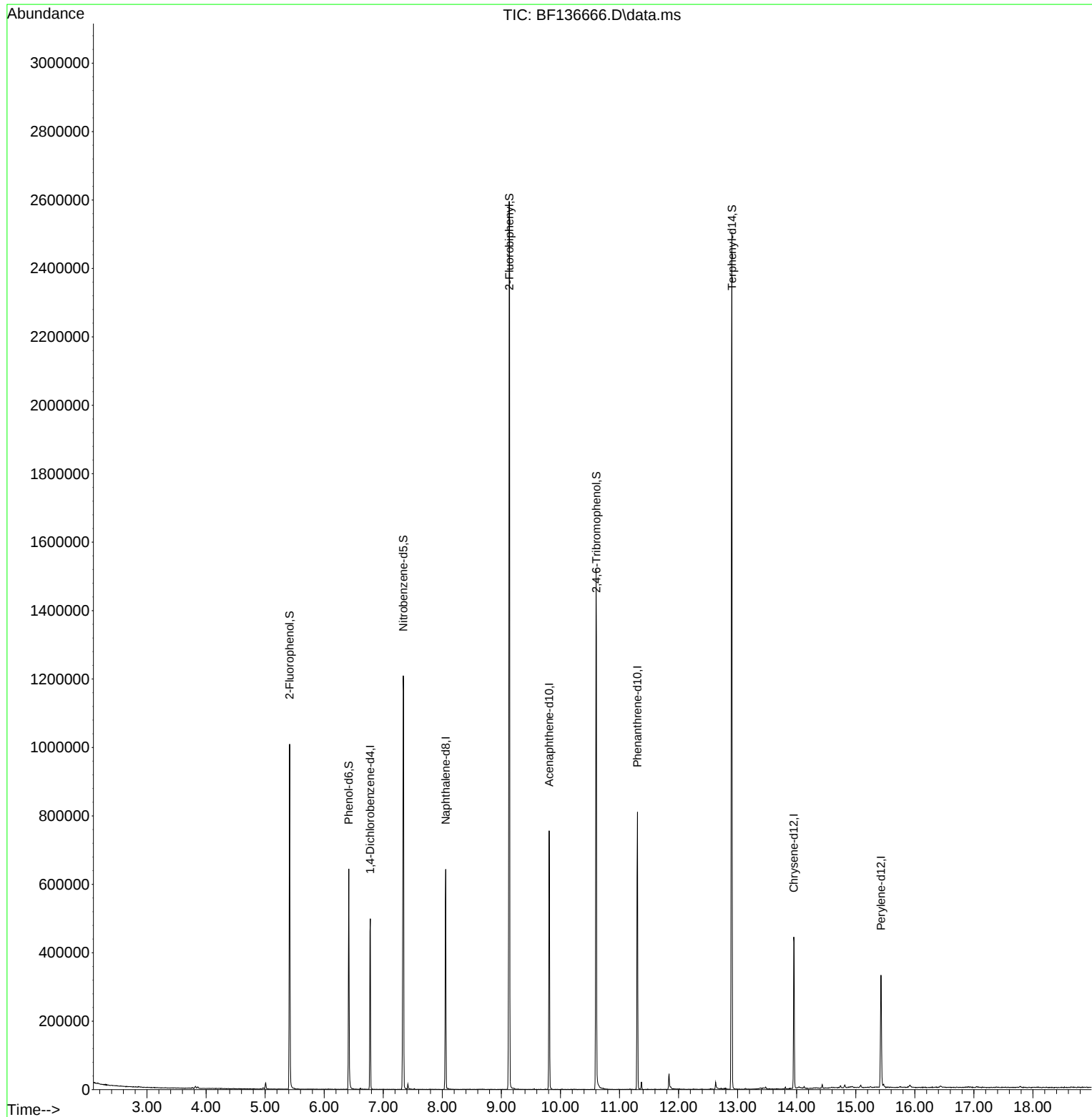
Target Compounds	Qvalue

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

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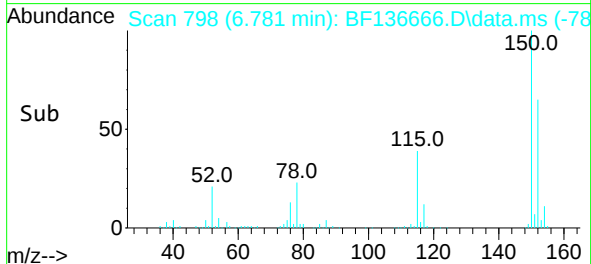
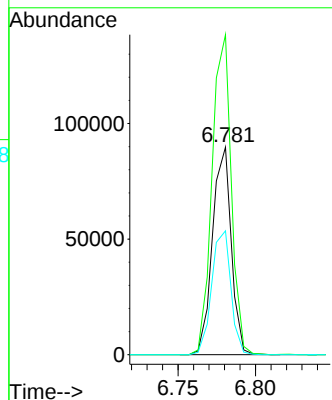
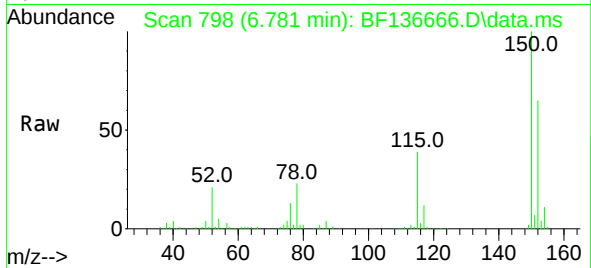




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 79
Delta R.T. -0.011 min
Lab File: BF136666.D
Acq: 21 Dec 2023 12:43

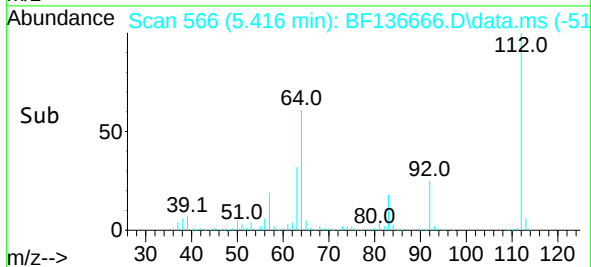
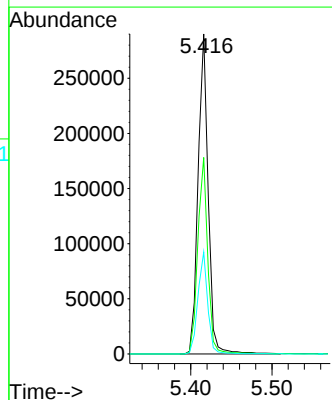
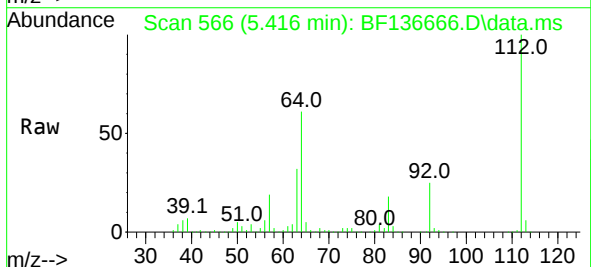
Instrument :
BNA_F
ClientSampleId :
P3874-SP3

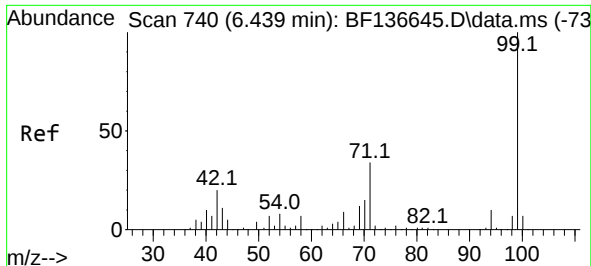
Tgt Ion:152 Resp: 75685
Ion Ratio Lower Upper
152 100
150 154.2 127.0 190.6
115 59.7 49.0 73.4



#5
2-Fluorophenol
Concen: 51.994 ng
RT: 5.416 min Scan# 566
Delta R.T. -0.012 min
Lab File: BF136666.D
Acq: 21 Dec 2023 12:43

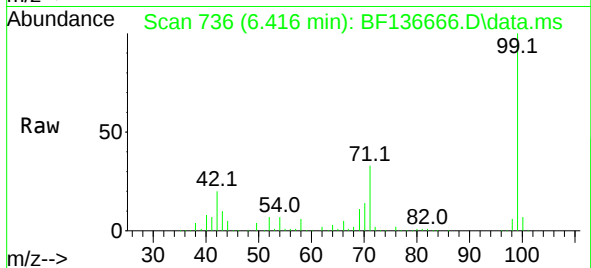
Tgt Ion:112 Resp: 252209
Ion Ratio Lower Upper
112 100
64 61.4 51.1 76.7
63 31.8 26.1 39.1





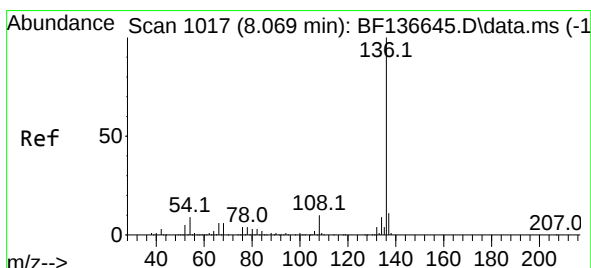
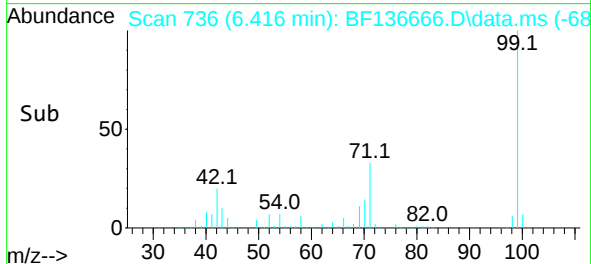
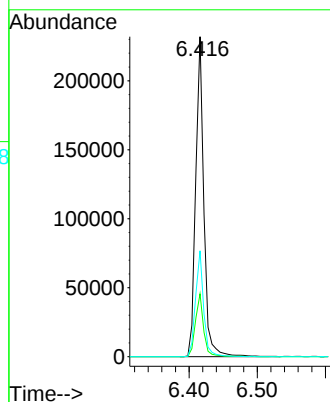
#7
Phenol-d6
Concen: 30.672 ng
RT: 6.416 min Scan# 71
Delta R.T. -0.023 min
Lab File: BF136666.D
Acq: 21 Dec 2023 12:43

Instrument :
BNA_F
ClientSampleId :
P3874-SP3



Tgt Ion: 99 Resp: 192787

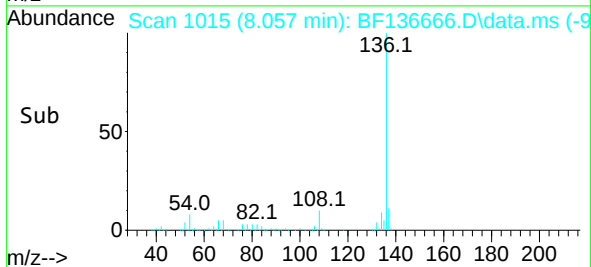
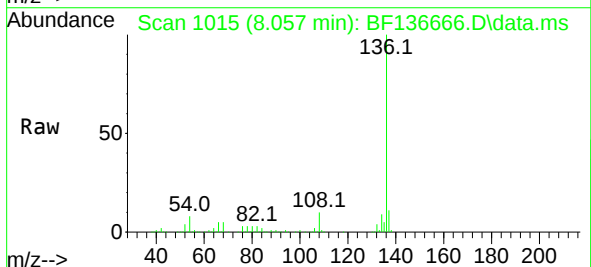
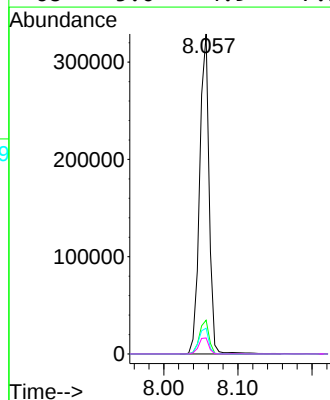
Ion	Ratio	Lower	Upper
99	100		
42	19.7	16.1	24.1
71	33.1	27.4	41.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.057 min Scan# 1015
Delta R.T. -0.012 min
Lab File: BF136666.D
Acq: 21 Dec 2023 12:43

Tgt Ion: 136 Resp: 291287

Ion	Ratio	Lower	Upper
136	100		
137	10.6	9.0	13.4
54	8.1	7.2	10.8
68	5.0	4.9	7.3





#23

Nitrobenzene-d5

Concen: 78.768 ng

RT: 7.339 min Scan# 89

Delta R.T. -0.018 min

Lab File: BF136666.D

Acq: 21 Dec 2023 12:43

Instrument :

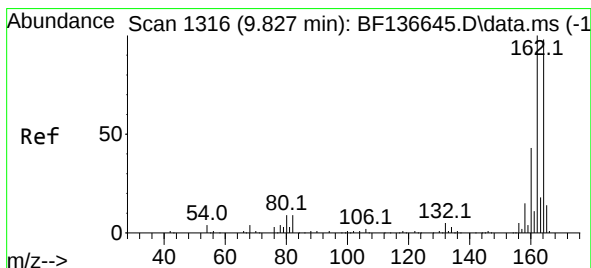
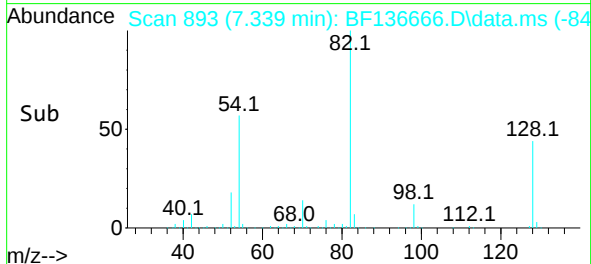
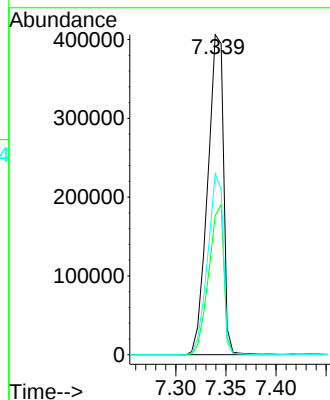
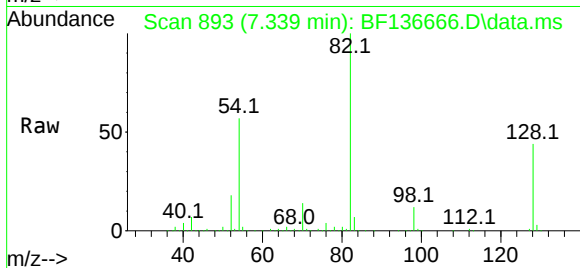
BNA_F

ClientSampleId :

P3874-SP3

Tgt Ion: 82 Resp: 448382

Ion	Ratio	Lower	Upper
82	100		
128	43.5	35.3	52.9
54	56.6	44.5	66.7



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.810 min Scan# 1313

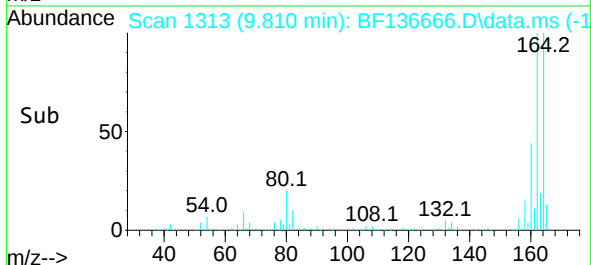
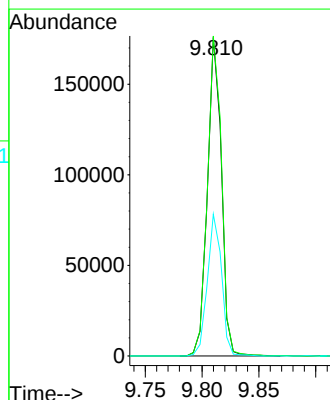
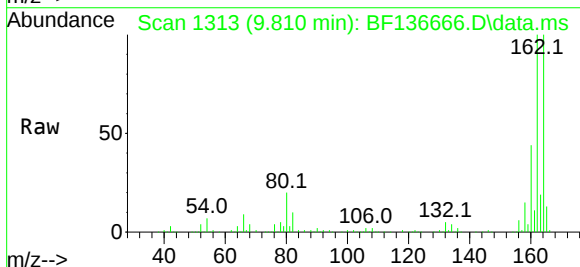
Delta R.T. -0.018 min

Lab File: BF136666.D

Acq: 21 Dec 2023 12:43

Tgt Ion:164 Resp: 150208

Ion	Ratio	Lower	Upper
164	100		
162	100.4	81.6	122.4
160	44.5	34.9	52.3

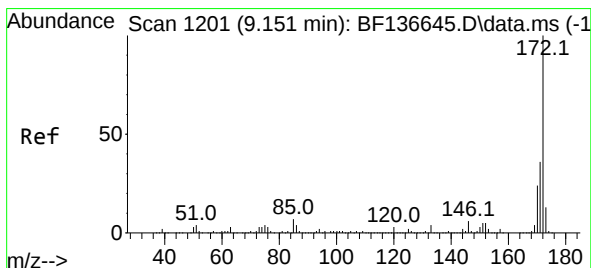
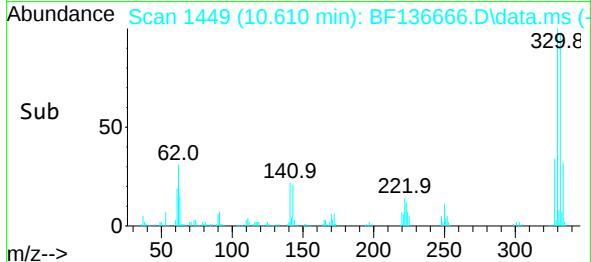
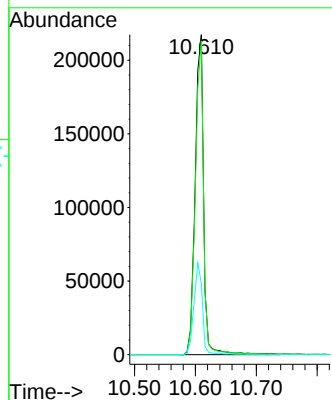
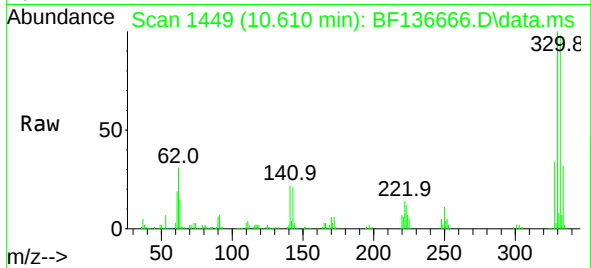




#42
2,4,6-Tribromophenol
Concen: 118.917 ng
RT: 10.610 min Scan# 1451
Delta R.T. -0.012 min
Lab File: BF136666.D
Acq: 21 Dec 2023 12:43

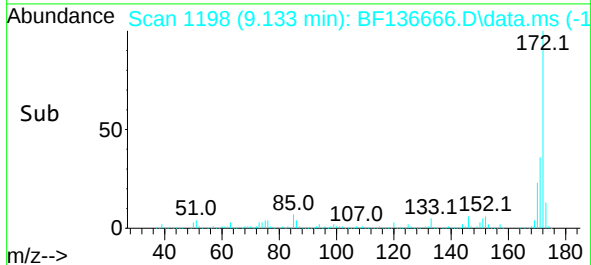
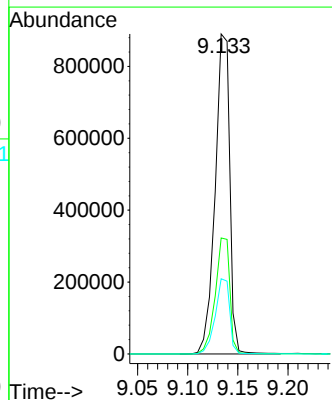
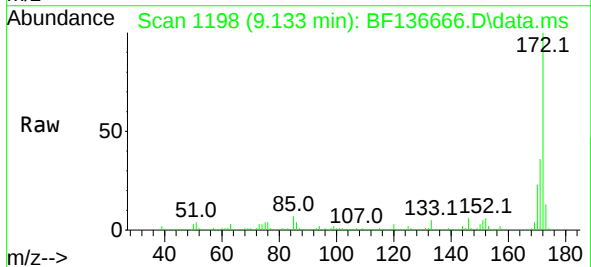
Instrument :
BNA_F
ClientSampleId :
P3874-SP3

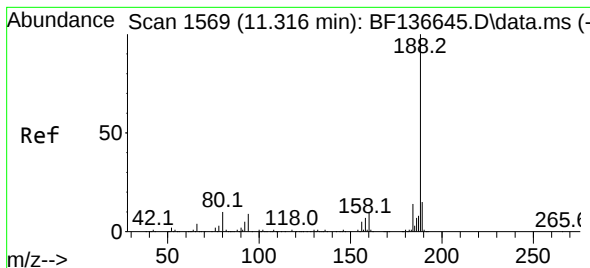
Tgt Ion: 330 Resp: 210368
Ion Ratio Lower Upper
330 100
332 95.5 77.4 116.0
141 29.1 23.4 35.2



#45
2-Fluorobiphenyl
Concen: 80.800 ng
RT: 9.133 min Scan# 1198
Delta R.T. -0.018 min
Lab File: BF136666.D
Acq: 21 Dec 2023 12:43

Tgt Ion: 172 Resp: 902375
Ion Ratio Lower Upper
172 100
171 36.3 29.0 43.6
170 23.5 19.0 28.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.304 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF136666.D

Acq: 21 Dec 2023 12:43

Instrument :

BNA_F

ClientSampleId :

P3874-SP3

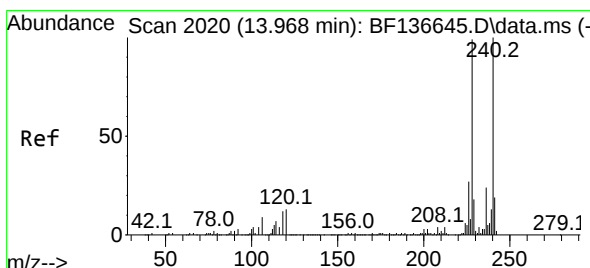
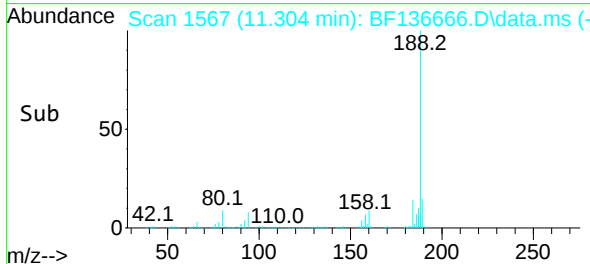
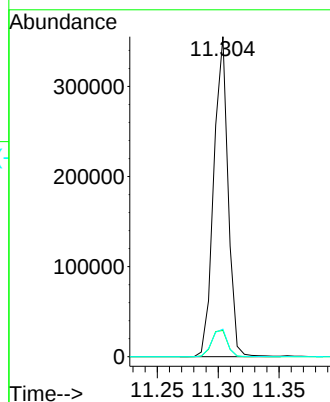
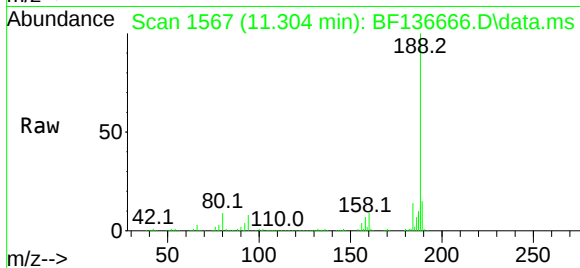
Tgt Ion:188 Resp: 289977

Ion Ratio Lower Upper

188 100

94 8.2 7.5 11.3

80 8.6 8.1 12.1



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.951 min Scan# 2017

Delta R.T. -0.018 min

Lab File: BF136666.D

Acq: 21 Dec 2023 12:43

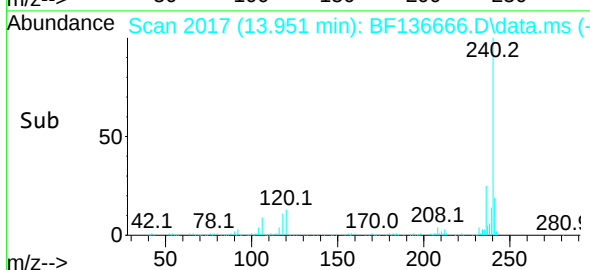
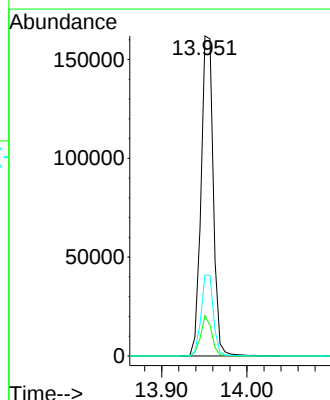
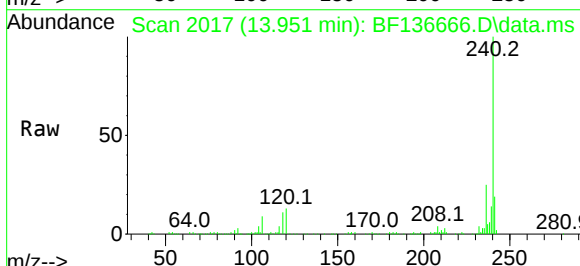
Tgt Ion:240 Resp: 161336

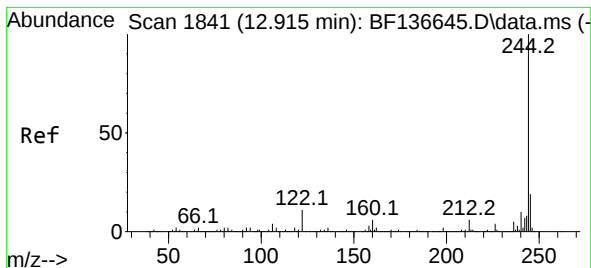
Ion Ratio Lower Upper

240 100

120 12.5 10.3 15.5

236 25.3 19.4 29.2





#79

Terphenyl-d14

Concen: 80.985 ng

RT: 12.904 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF136666.D

Acq: 21 Dec 2023 12:43

Instrument :

BNA_F

ClientSampleId :

P3874-SP3

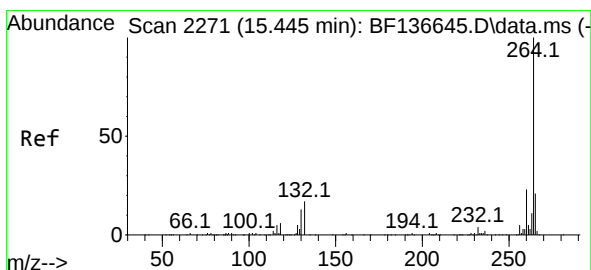
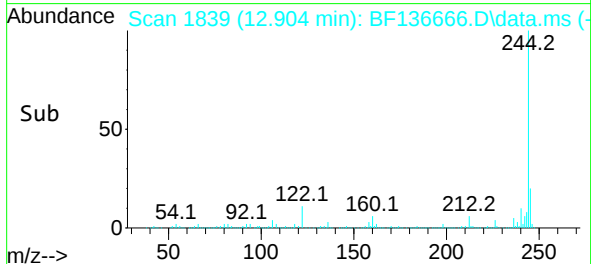
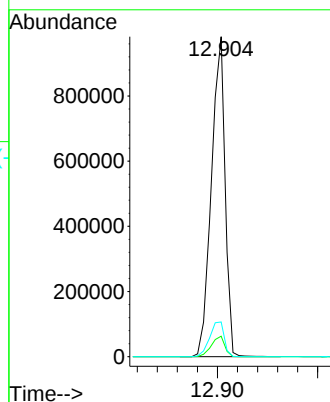
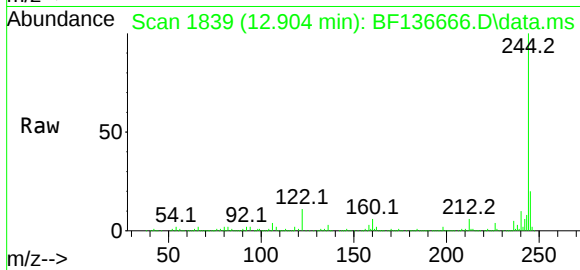
Tgt Ion:244 Resp: 934960

Ion Ratio Lower Upper

244 100

212 6.4 5.0 7.4

122 10.9 9.0 13.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.427 min Scan# 2268

Delta R.T. -0.018 min

Lab File: BF136666.D

Acq: 21 Dec 2023 12:43

Tgt Ion:264 Resp: 155329

Ion Ratio Lower Upper

264 100

260 22.5 18.3 27.5

265 21.5 17.0 25.6

