

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062121\
 Data File : BF124406.D
 Acq On : 21 Jun 2021 22:16
 Operator : JU/CG
 Sample : M2773-05 5X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-5

Quant Time: Jun 22 01:34:11 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 15 20:09:26 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	33169	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	132431	20.000	ng	# 0.00
39) Acenaphthene-d10	9.822	164	72756	20.000	ng	0.00
64) Phenanthrene-d10	11.310	188	122367	20.000	ng	0.00
76) Chrysene-d12	13.957	240	85923	20.000	ng	0.00
86) Perylene-d12	15.415	264	98995	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.410	112	30777	13.968	ng	0.00
7) Phenol-d6	6.428	99	36628	12.367	ng	-0.02
23) Nitrobenzene-d5	7.345	82	28918	8.661	ng	-0.01
42) 2,4,6-Tribromophenol	10.616	330	11099	10.768	ng	0.00
45) 2-Fluorobiphenyl	9.139	172	53348	9.227	ng	-0.01
79) Terphenyl-d14	12.892	244	48510	7.751	ng	-0.01

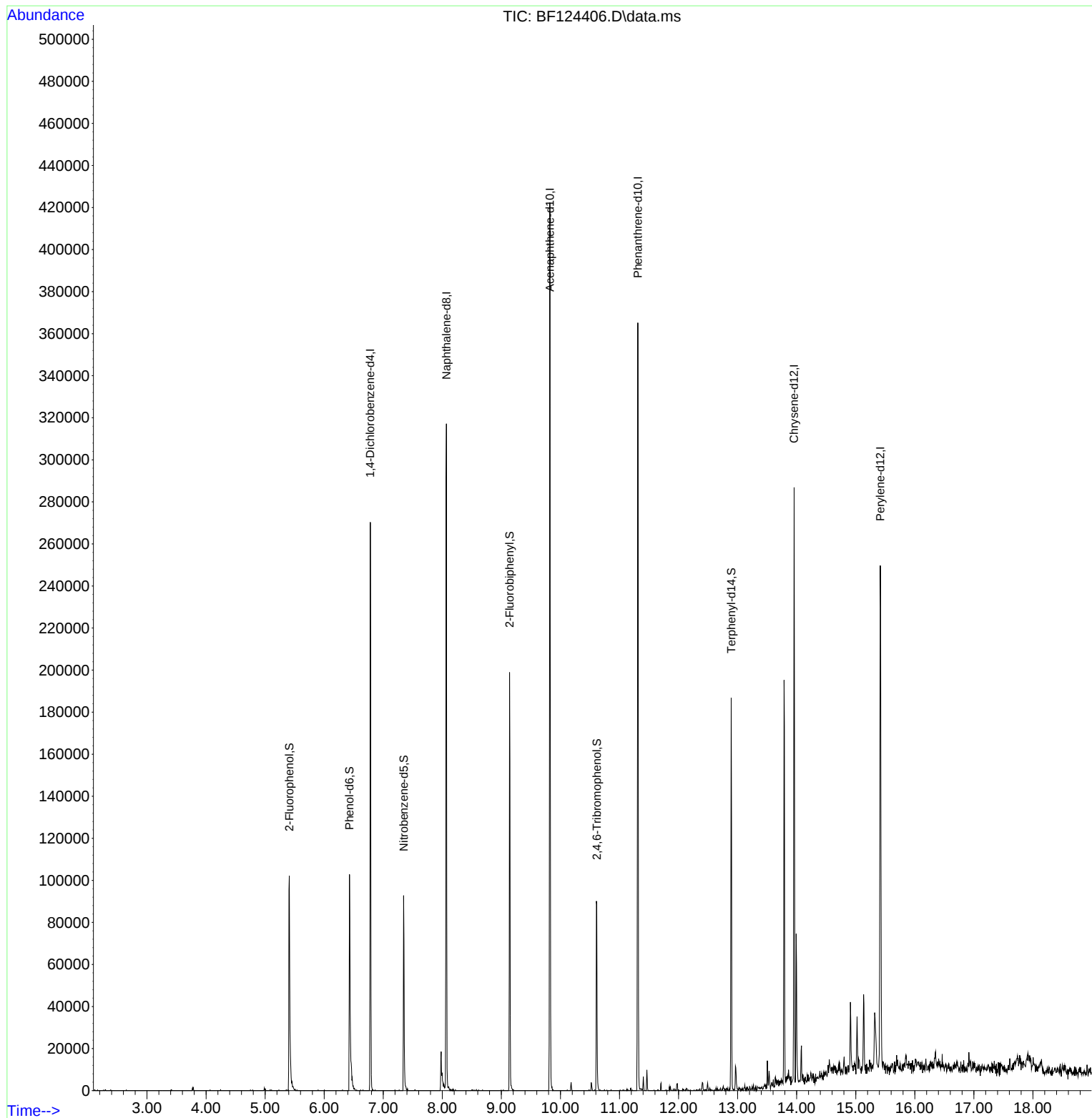
Target Compounds	Qvalue

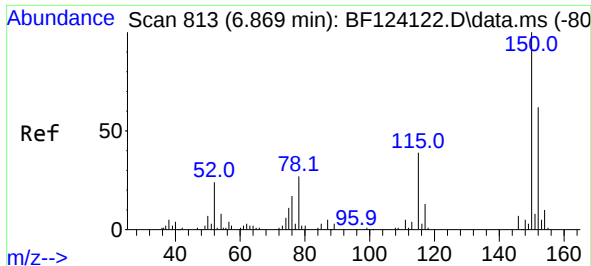
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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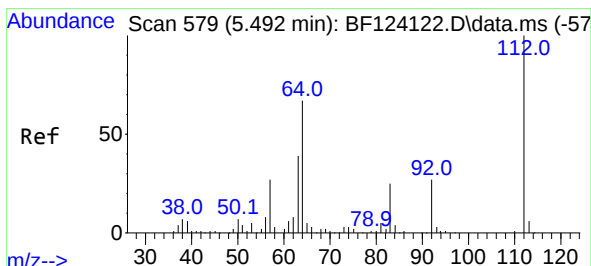
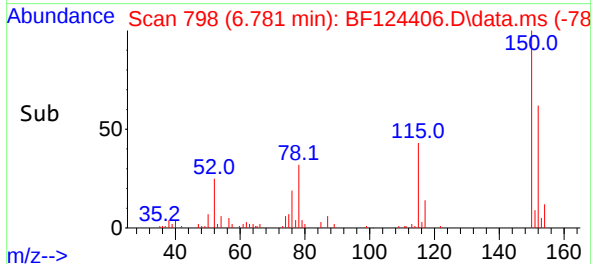
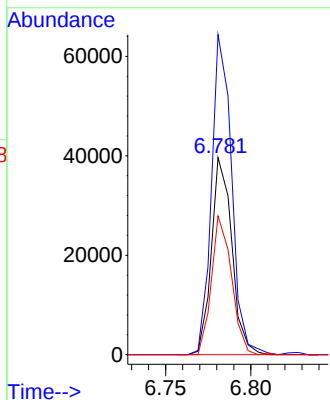
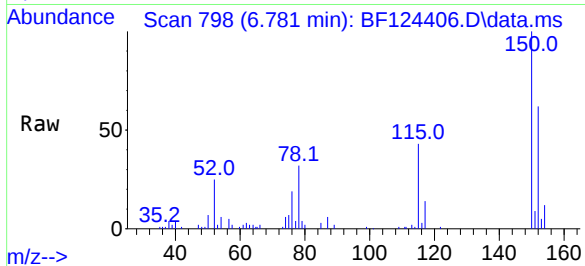




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 798
Delta R.T. -0.005 min
Lab File: BF124406.D
Acq: 21 Jun 2021 22:16

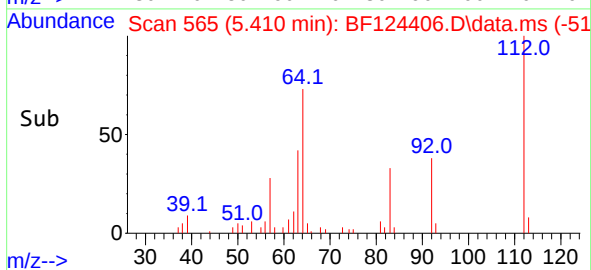
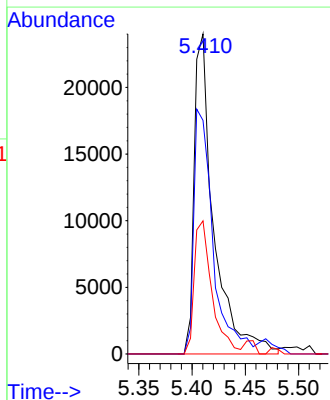
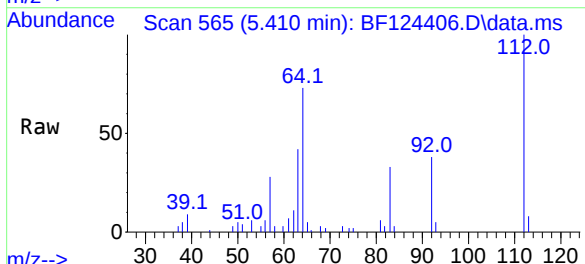
Instrument :
BNA_F
ClientSampled :
SB-5

Tgt Ion:152 Resp: 33169
Ion Ratio Lower Upper
152 100
150 162.3 127.0 190.6
115 70.4 54.3 81.5



#5
2-Fluorophenol
Concen: 13.968 ng
RT: 5.410 min Scan# 565
Delta R.T. -0.006 min
Lab File: BF124406.D
Acq: 21 Jun 2021 22:16

Tgt Ion:112 Resp: 30777
Ion Ratio Lower Upper
112 100
64 73.0 61.4 92.0
63 41.6 33.0 49.4

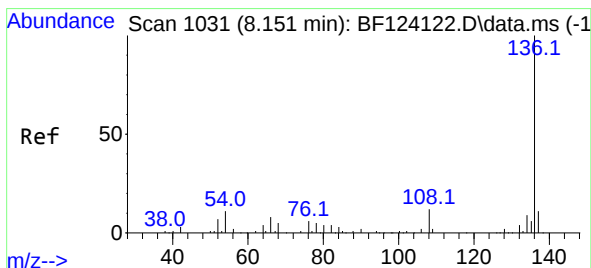
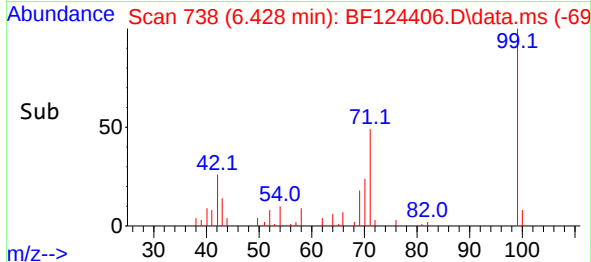
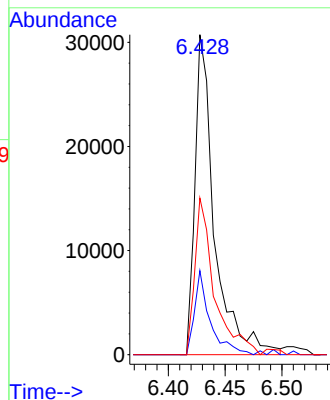
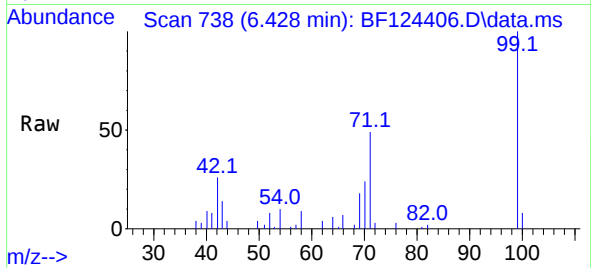




#7
Phenol-d6
Concen: 12.367 ng
RT: 6.428 min Scan# 738
Delta R.T. -0.018 min
Lab File: BF124406.D
Acq: 21 Jun 2021 22:16

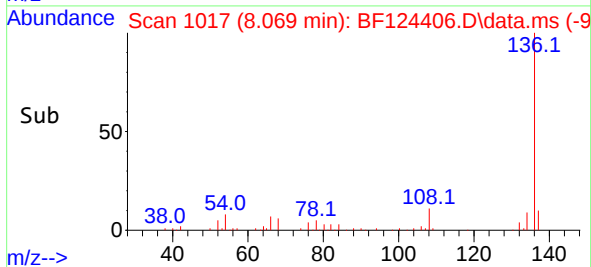
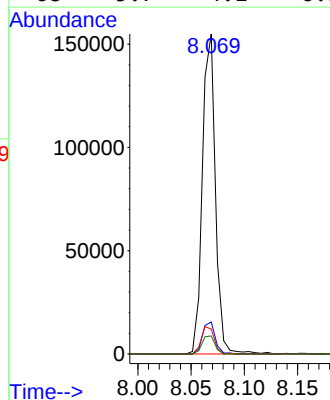
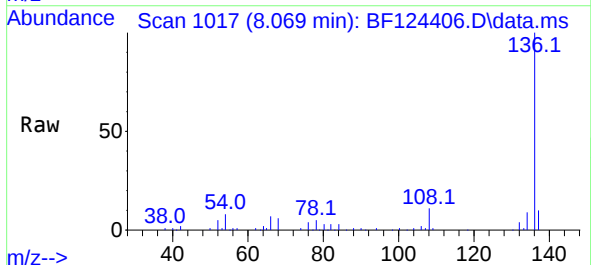
Instrument :
BNA_F
ClientSampled :
SB-5

Tgt Ion: 99 Resp: 36628
Ion Ratio Lower Upper
99 100
42 26.2 19.8 29.8
71 49.0 31.1 46.7#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 1017
Delta R.T. -0.006 min
Lab File: BF124406.D
Acq: 21 Jun 2021 22:16

Tgt Ion: 136 Resp: 132431
Ion Ratio Lower Upper
136 100
137 10.0 8.7 13.1
54 7.8 9.8 14.6#
68 5.7 4.1 6.1





#23

Nitrobenzene-d5

Concen: 8.661 ng

RT: 7.345 min Scan# 894

Delta R.T. -0.012 min

Lab File: BF124406.D

Acq: 21 Jun 2021 22:16

Instrument :

BNA_F

ClientSampled :

SB-5

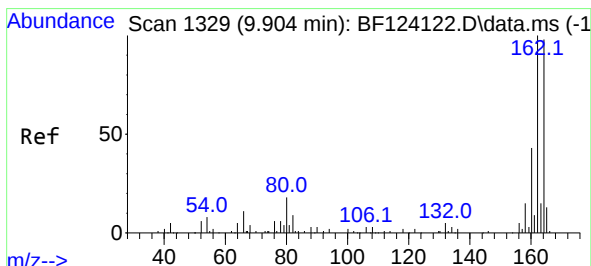
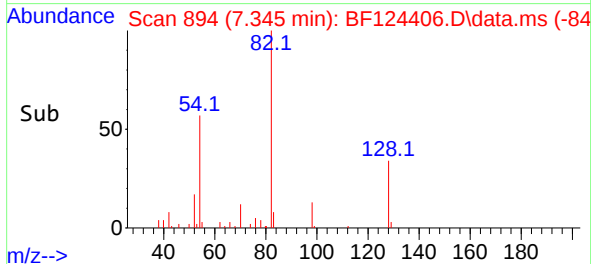
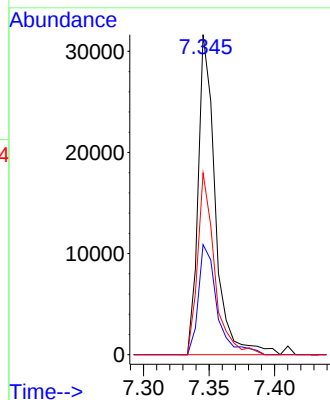
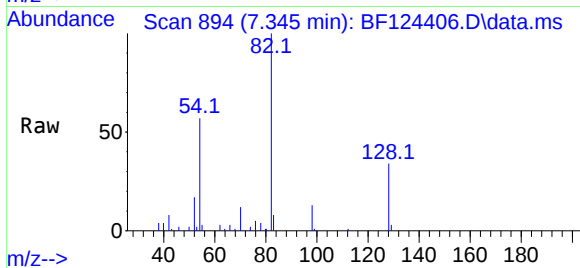
Tgt Ion: 82 Resp: 28918

Ion Ratio Lower Upper

82 100

128 34.4 29.4 44.2

54 56.8 54.1 81.1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.822 min Scan# 1315

Delta R.T. -0.006 min

Lab File: BF124406.D

Acq: 21 Jun 2021 22:16

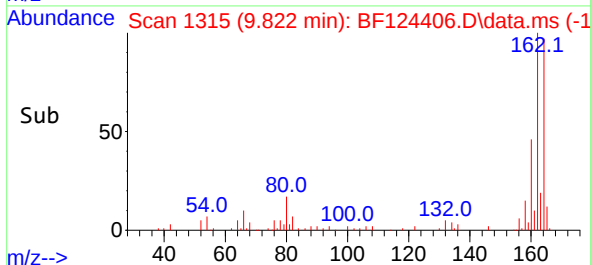
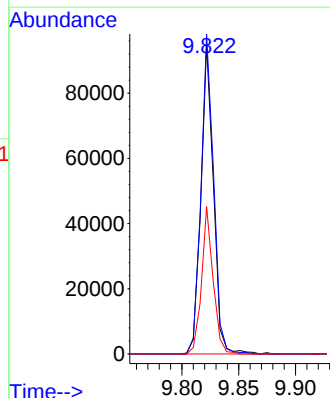
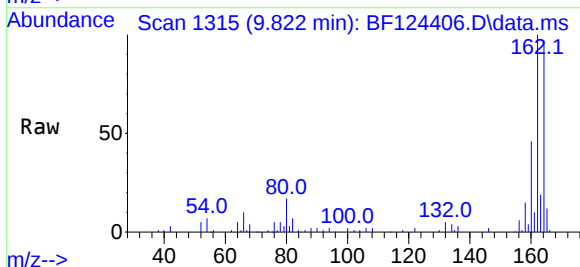
Tgt Ion: 164 Resp: 72756

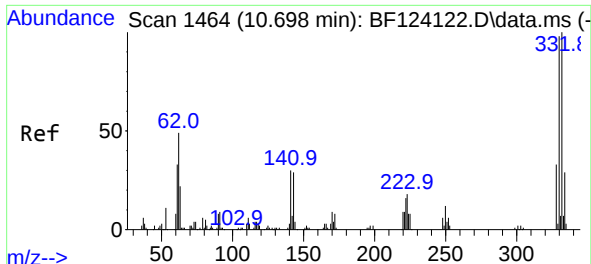
Ion Ratio Lower Upper

164 100

162 103.6 80.7 121.1

160 47.7 37.3 55.9

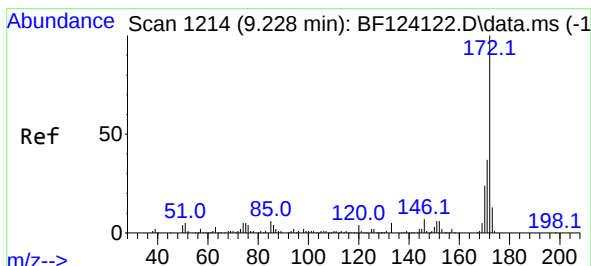
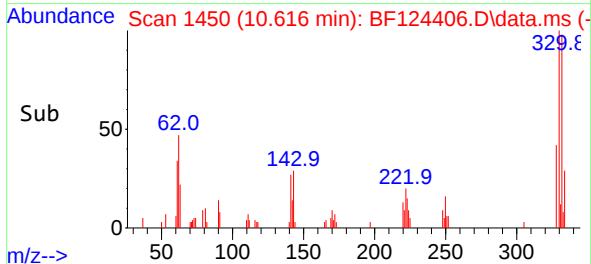
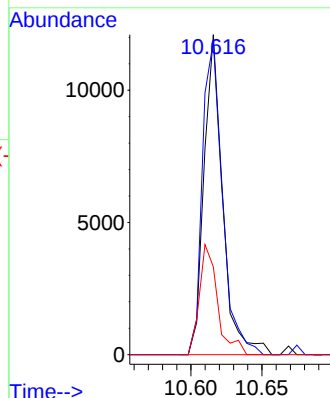
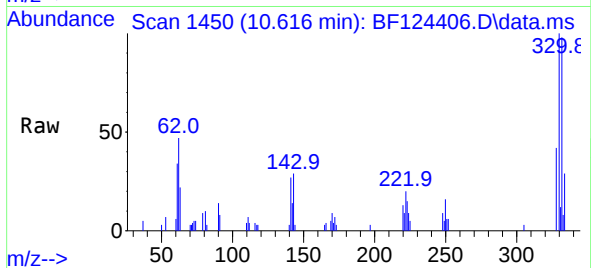




#42
2,4,6-Tribromophenol
Concen: 10.768 ng
RT: 10.616 min Scan# 1450
Delta R.T. -0.006 min
Lab File: BF124406.D
Acq: 21 Jun 2021 22:16

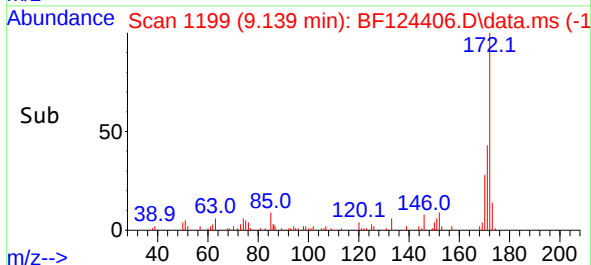
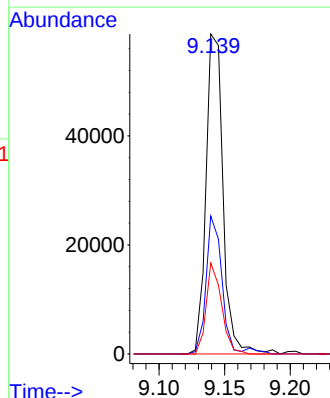
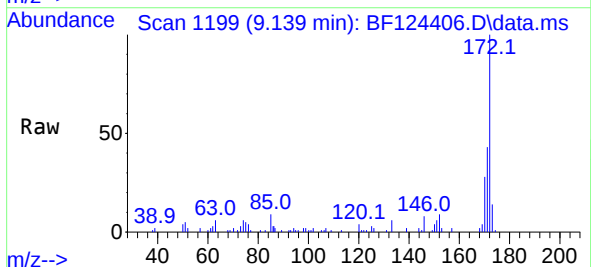
Instrument :
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ClientSampled :
SB-5

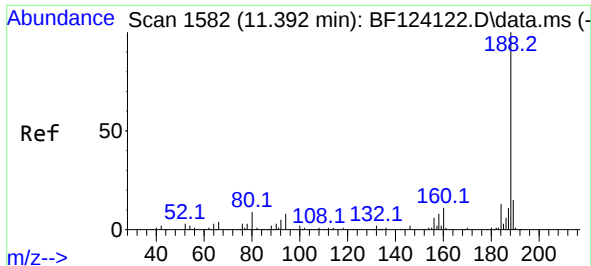
Tgt Ion:	330	Resp:	11099
Ion Ratio	Lower	Upper	
330	100		
332	104.9	77.1	115.7
141	33.5	27.9	41.9



#45
2-Fluorobiphenyl
Concen: 9.227 ng
RT: 9.139 min Scan# 1199
Delta R.T. -0.012 min
Lab File: BF124406.D
Acq: 21 Jun 2021 22:16

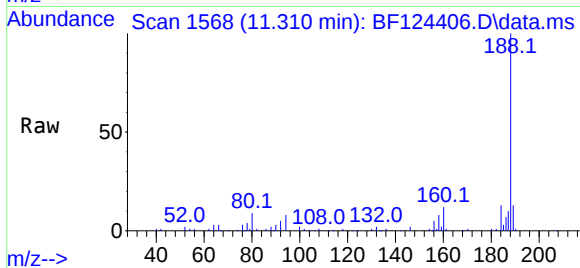
Tgt Ion:	172	Resp:	53348
Ion Ratio	Lower	Upper	
172	100		
171	43.1	28.1	42.1#
170	28.4	19.2	28.8



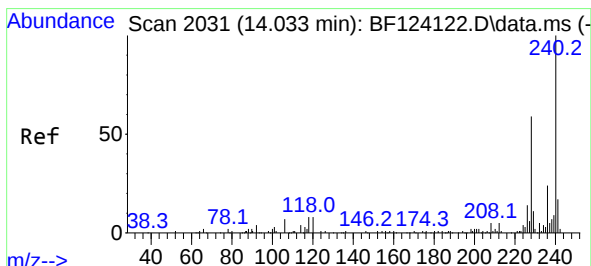
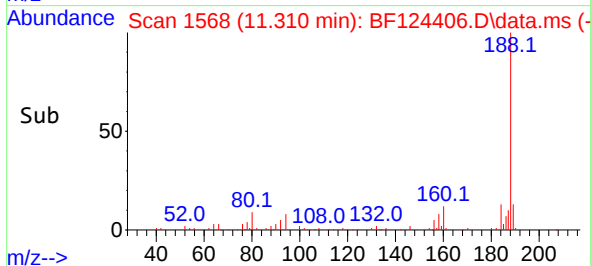
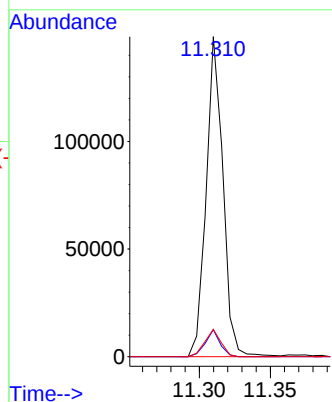


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 1568
Delta R.T. -0.006 min
Lab File: BF124406.D
Acq: 21 Jun 2021 22:16

Instrument :
BNA_F
ClientSampled :
SB-5

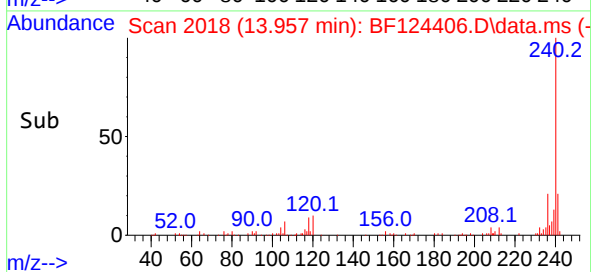
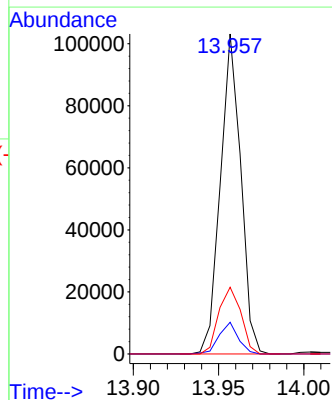
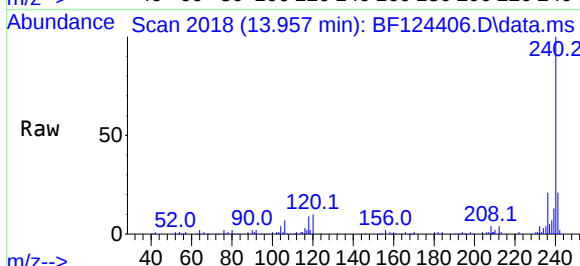


Tgt Ion:188 Resp: 122367
Ion Ratio Lower Upper
188 100
94 8.5 6.9 10.3
80 8.6 8.2 12.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.957 min Scan# 2018
Delta R.T. -0.006 min
Lab File: BF124406.D
Acq: 21 Jun 2021 22:16

Tgt Ion:240 Resp: 85923
Ion Ratio Lower Upper
240 100
120 9.9 7.2 10.8
236 20.8 19.0 28.4

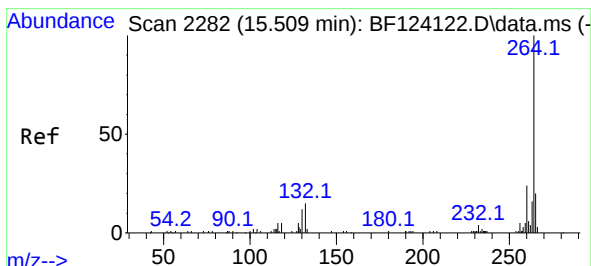
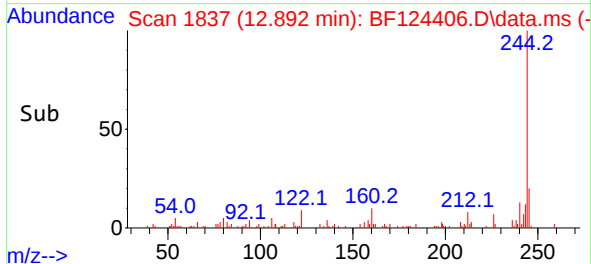
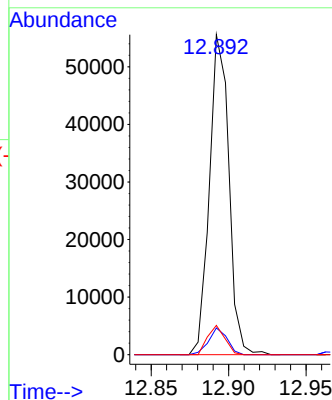
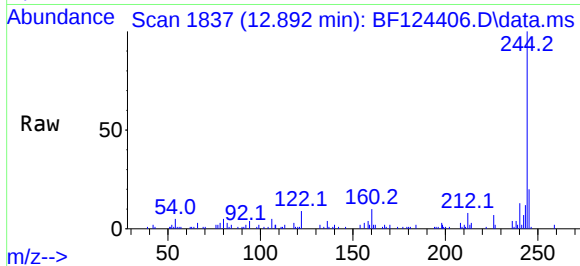




#79
Terphenyl-d14
Concen: 7.751 ng
RT: 12.892 min Scan# 1837
Delta R.T. -0.012 min
Lab File: BF124406.D
Acq: 21 Jun 2021 22:16

Instrument :
BNA_F
ClientSampled :
SB-5

Tgt Ion:244 Resp: 48510
Ion Ratio Lower Upper
244 100
212 8.4 5.7 8.5
122 9.2 9.7 14.5#



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.415 min Scan# 2266
Delta R.T. 0.000 min
Lab File: BF124406.D
Acq: 21 Jun 2021 22:16

Tgt Ion:264 Resp: 98995
Ion Ratio Lower Upper
264 100
260 22.1 18.7 28.1
265 19.2 17.8 26.8

