

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111221\
 Data File : BF126162.D
 Acq On : 12 Nov 2021 20:08
 Operator : JU/CG
 Sample : M4639-10
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TT-11/2-3

Quant Time: Nov 15 06:36:57 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 03 17:21:25 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.839	152	138515	20.000	ng	-0.02
21) Naphthalene-d8	8.122	136	497828	20.000	ng	#-0.02
39) Acenaphthene-d10	9.880	164	293509	20.000	ng	-0.01
64) Phenanthrene-d10	11.363	188	535285	20.000	ng	-0.01
76) Chrysene-d12	14.004	240	354338	20.000	ng	# 0.00
86) Perylene-d12	15.468	264	360178	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.457	112	837517	103.834	ng	0.00
7) Phenol-d6	6.469	99	1069740	94.081	ng	-0.02
23) Nitrobenzene-d5	7.404	82	779108	73.807	ng	-0.02
42) 2,4,6-Tribromophenol	10.669	330	293814	87.350	ng	-0.01
45) 2-Fluorobiphenyl	9.198	172	1384239	63.733	ng	-0.02
79) Terphenyl-d14	12.951	244	1391781	63.338	ng	-0.01

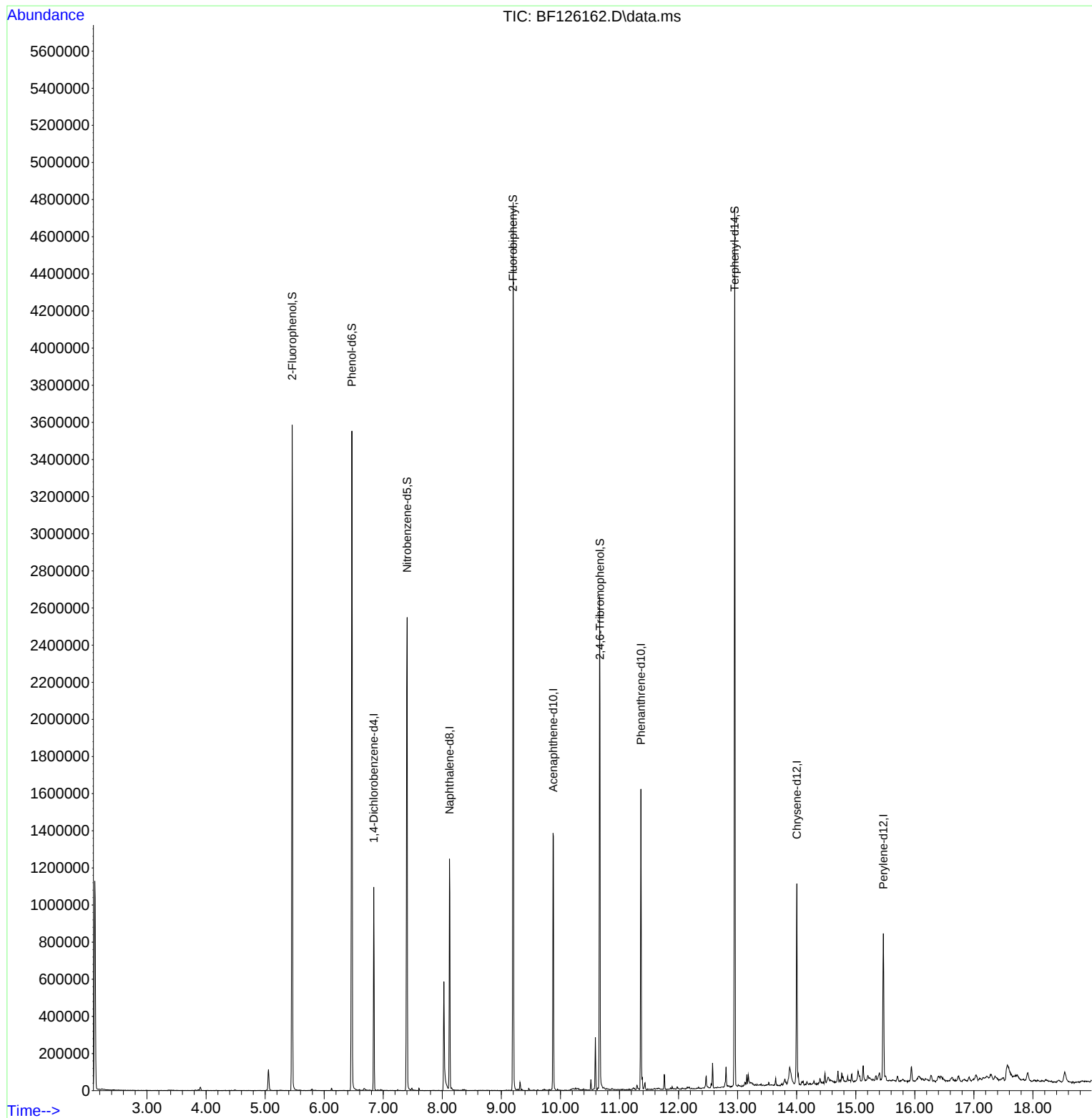
Target Compounds	Qvalue

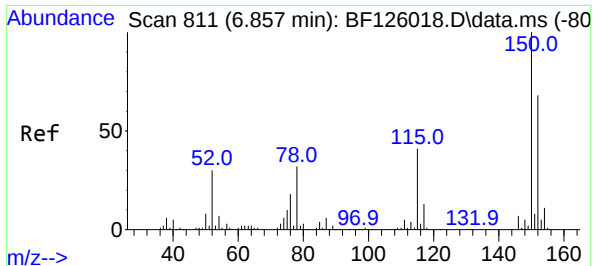
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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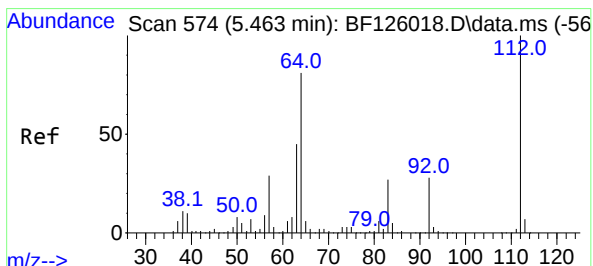
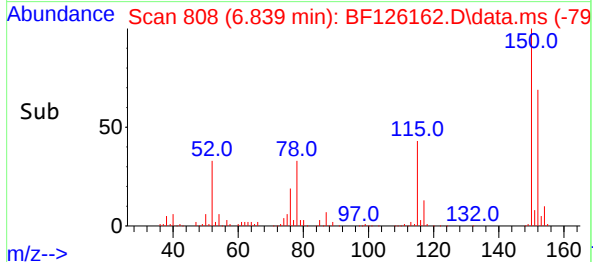
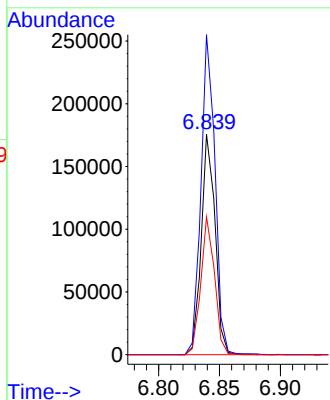
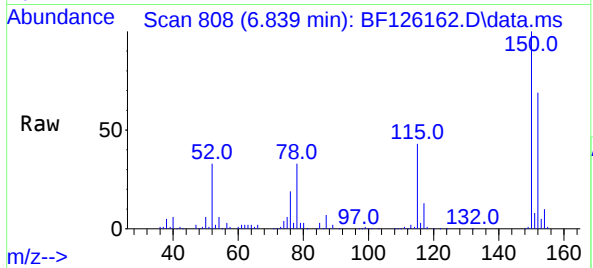




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.839 min Scan# 80
Delta R.T. -0.018 min
Lab File: BF126162.D
Acq: 12 Nov 2021 20:08

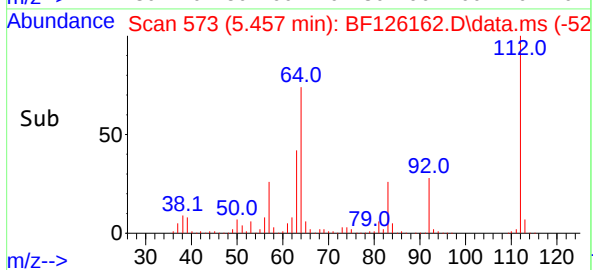
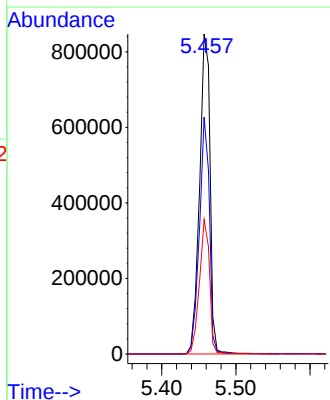
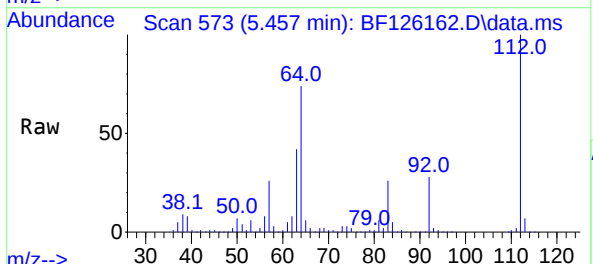
Instrument :
BNA_F
ClientSampleId :
TT-11/2-3

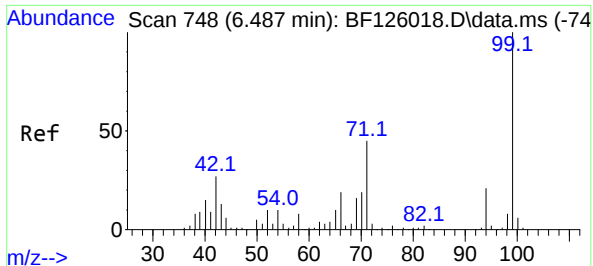
Tgt Ion:152 Resp: 138515
Ion Ratio Lower Upper
152 100
150 145.1 117.6 176.4
115 62.5 47.1 70.7



#5
2-Fluorophenol
Concen: 103.834 ng
RT: 5.457 min Scan# 573
Delta R.T. -0.006 min
Lab File: BF126162.D
Acq: 12 Nov 2021 20:08

Tgt Ion:112 Resp: 837517
Ion Ratio Lower Upper
112 100
64 73.9 44.2 66.2#
63 42.0 26.2 39.2#

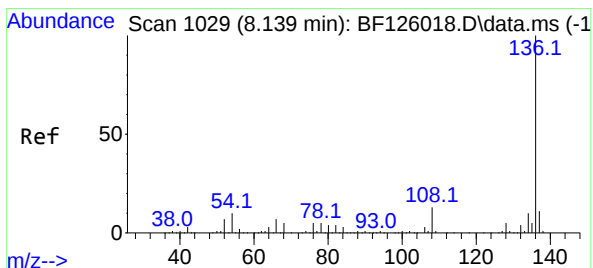
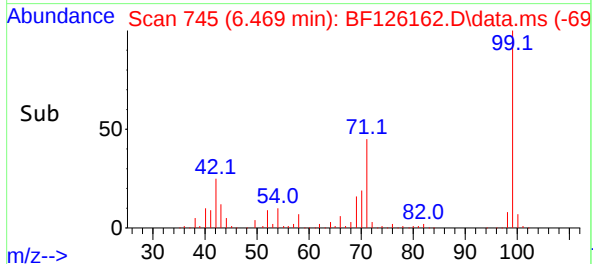
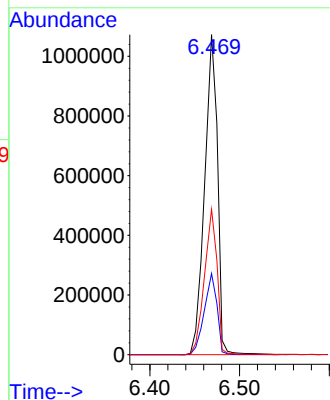
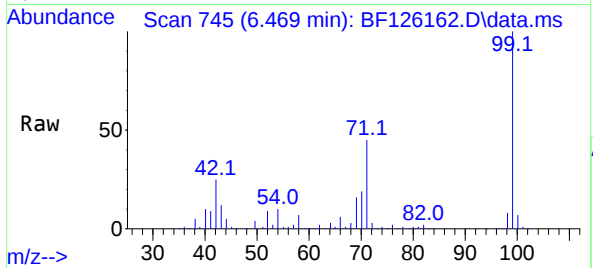




#7
Phenol-d6
Concen: 94.081 ng
RT: 6.469 min Scan# 74
Delta R.T. -0.018 min
Lab File: BF126162.D
Acq: 12 Nov 2021 20:08

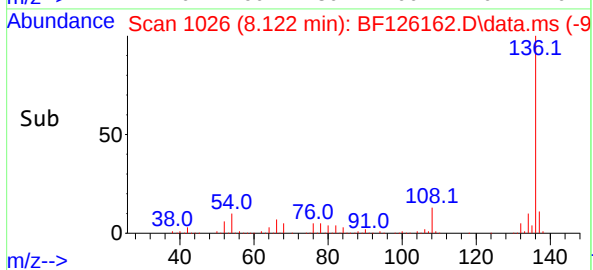
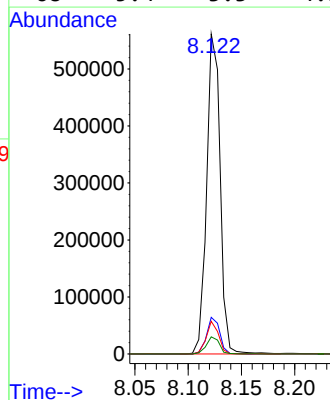
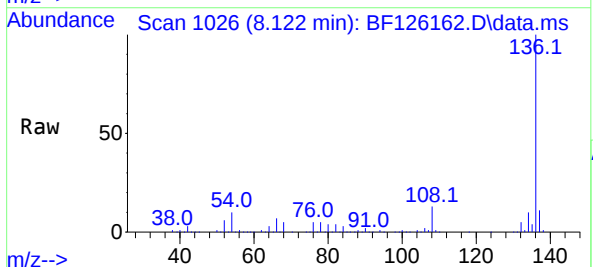
Instrument :
BNA_F
ClientSampleId :
TT-11/2-3

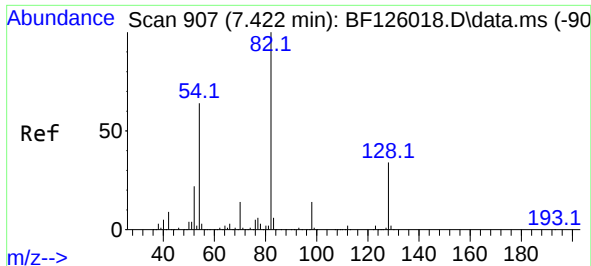
Tgt Ion: 99 Resp: 1069740
Ion Ratio Lower Upper
99 100
42 25.3 23.5 35.3
71 45.5 25.6 38.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 1026
Delta R.T. -0.017 min
Lab File: BF126162.D
Acq: 12 Nov 2021 20:08

Tgt Ion:136 Resp: 497828
Ion Ratio Lower Upper
136 100
137 11.4 9.8 14.6
54 10.2 6.4 9.6#
68 5.4 3.3 4.9#





#23

Nitrobenzene-d5

Concen: 73.807 ng

RT: 7.404 min Scan# 90

Delta R.T. -0.018 min

Lab File: BF126162.D

Acq: 12 Nov 2021 20:08

Instrument :

BNA_F

ClientSampleId :

TT-11/2-3

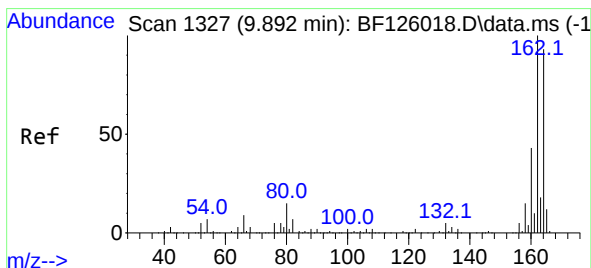
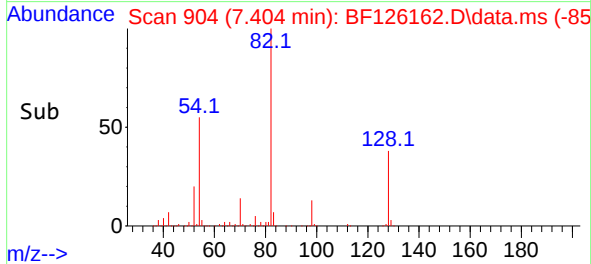
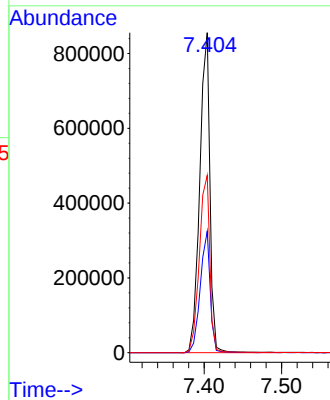
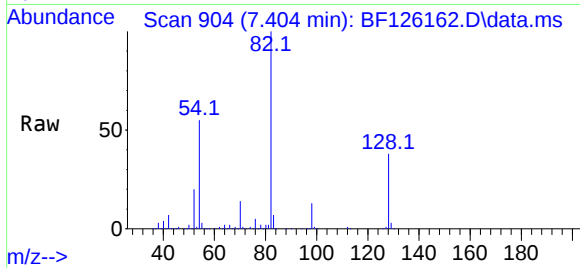
Tgt Ion: 82 Resp: 779108

Ion Ratio Lower Upper

82 100

128 38.0 40.6 60.8#

54 55.4 49.6 74.4



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.880 min Scan# 1325

Delta R.T. -0.012 min

Lab File: BF126162.D

Acq: 12 Nov 2021 20:08

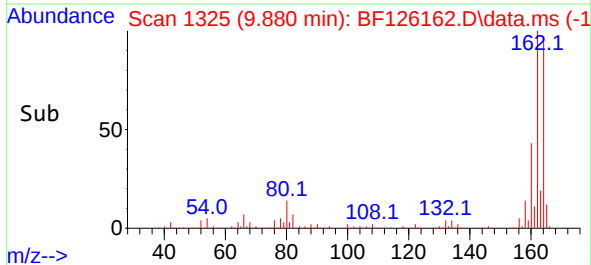
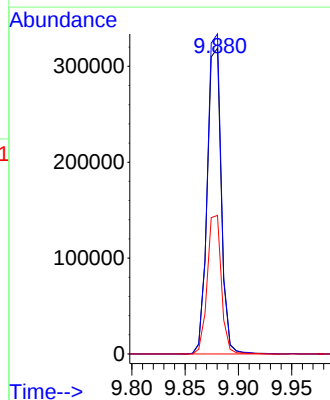
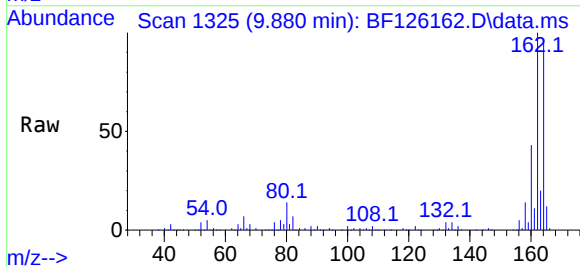
Tgt Ion:164 Resp: 293509

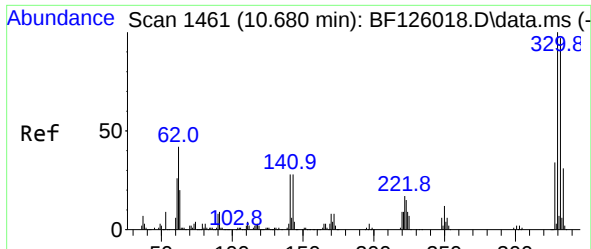
Ion Ratio Lower Upper

164 100

162 104.7 81.3 121.9

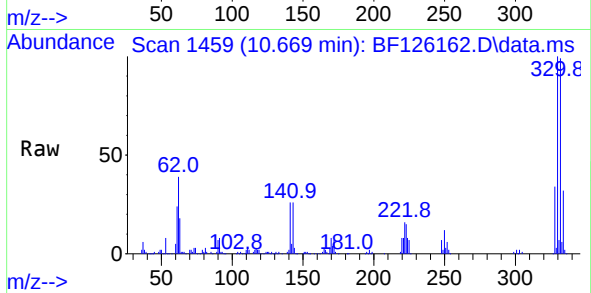
160 45.4 38.0 57.0



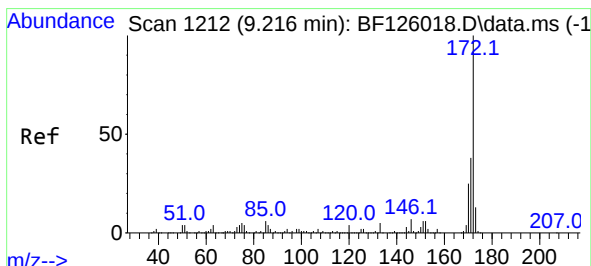
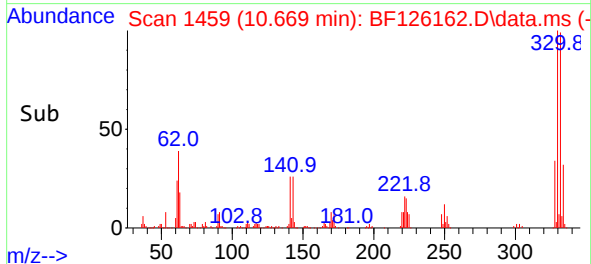
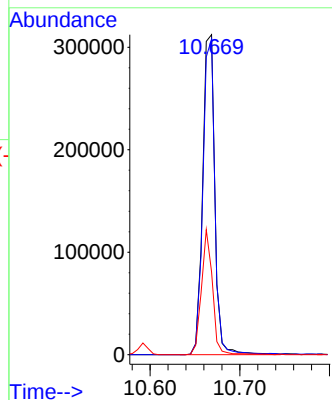


#42
2,4,6-Tribromophenol
Concen: 87.350 ng
RT: 10.669 min Scan# 1461
Delta R.T. -0.012 min
Lab File: BF126162.D
Acq: 12 Nov 2021 20:08

Instrument :
BNA_F
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TT-11/2-3

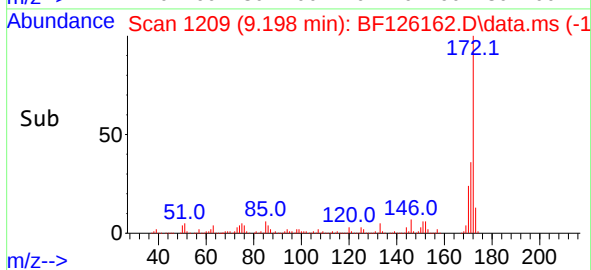
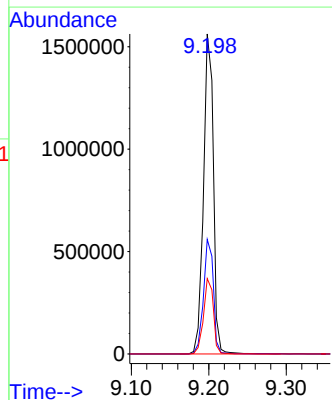
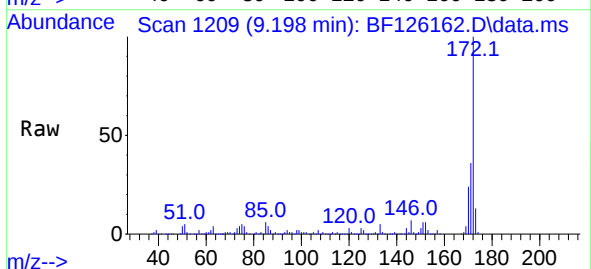


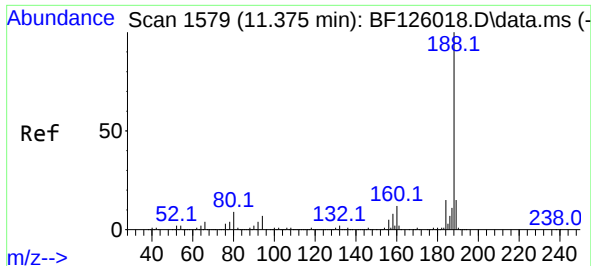
Tgt Ion:330 Resp: 293814
Ion Ratio Lower Upper
330 100
332 96.6 76.2 114.4
141 35.5 44.6 66.8#



#45
2-Fluorobiphenyl
Concen: 63.733 ng
RT: 9.198 min Scan# 1209
Delta R.T. -0.018 min
Lab File: BF126162.D
Acq: 12 Nov 2021 20:08

Tgt Ion:172 Resp: 1384239
Ion Ratio Lower Upper
172 100
171 35.8 26.5 39.7
170 23.6 18.8 28.2

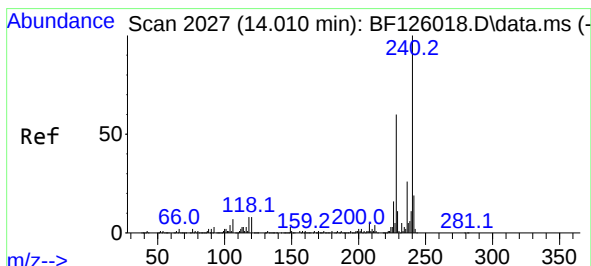
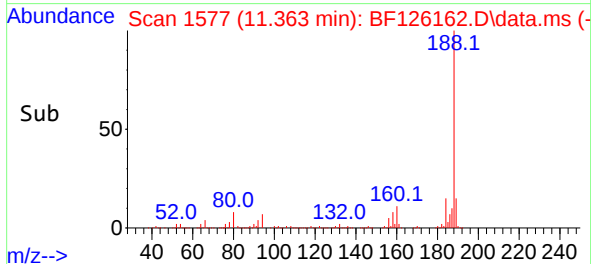
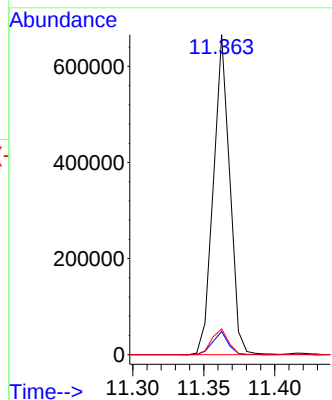
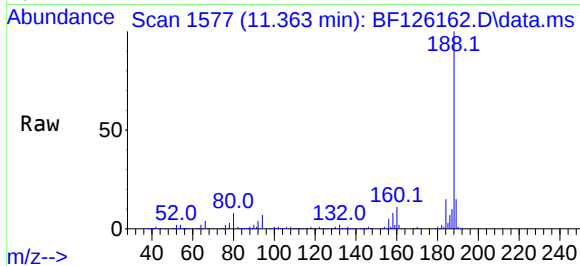




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.363 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF126162.D
Acq: 12 Nov 2021 20:08

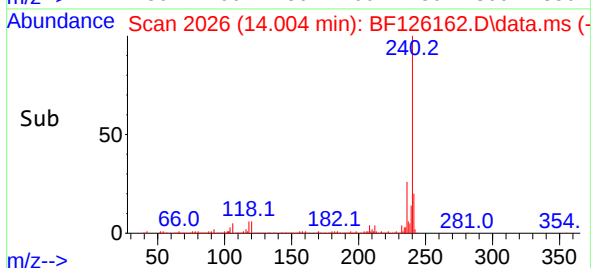
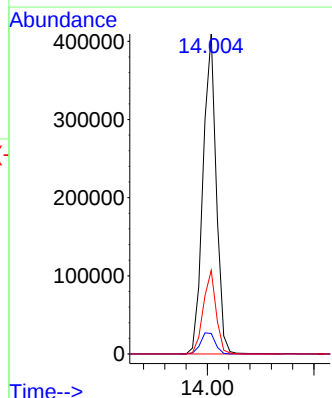
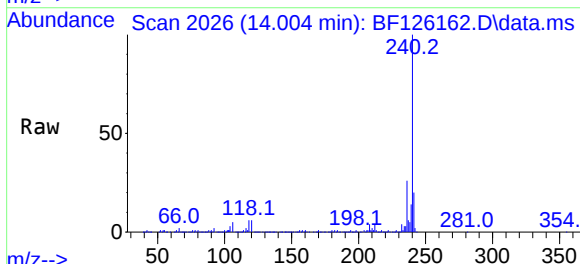
Instrument :
BNA_F
ClientSampleId :
TT-11/2-3

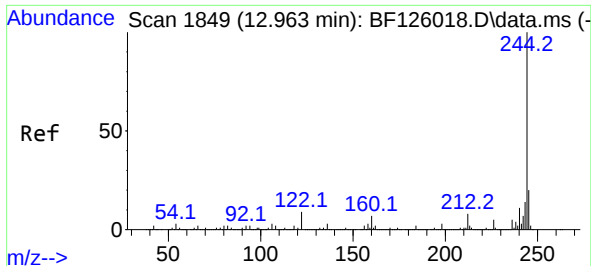
Tgt Ion:188 Resp: 535285
Ion Ratio Lower Upper
188 100
94 7.2 6.7 10.1
80 8.0 7.5 11.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.004 min Scan# 2026
Delta R.T. -0.006 min
Lab File: BF126162.D
Acq: 12 Nov 2021 20:08

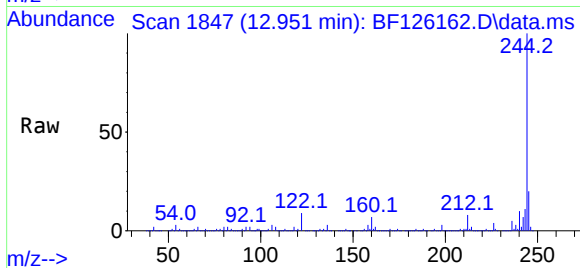
Tgt Ion:240 Resp: 354338
Ion Ratio Lower Upper
240 100
120 6.4 10.8 16.2#
236 26.1 21.6 32.4



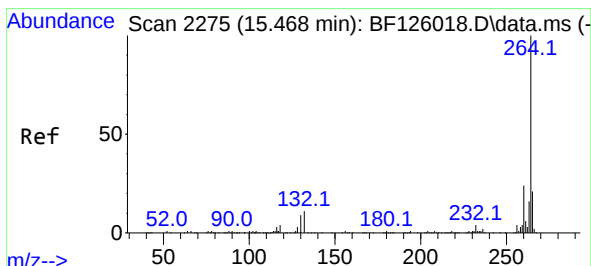
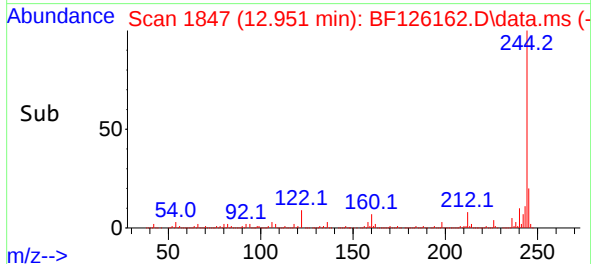
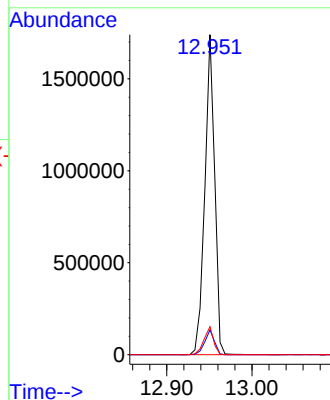


#79
 Terphenyl-d14
 Concen: 63.338 ng
 RT: 12.951 min Scan# 1847
 Delta R.T. -0.012 min
 Lab File: BF126162.D
 Acq: 12 Nov 2021 20:08

Instrument :
 BNA_F
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 TT-11/2-3



Tgt Ion:244 Resp: 1391781
 Ion Ratio Lower Upper
 244 100
 212 7.8 5.9 8.9
 122 8.8 9.0 13.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.468 min Scan# 2275
 Delta R.T. 0.000 min
 Lab File: BF126162.D
 Acq: 12 Nov 2021 20:08

Tgt Ion:264 Resp: 360178
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.6 29.4
 265 20.2 17.2 25.8

