

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111321\
 Data File : BF126167.D
 Acq On : 13 Nov 2021 14:18
 Operator : JU/CG
 Sample : PB140723BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB140723BL

Quant Time: Nov 15 08:13:16 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 15 08:09:33 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.834	152	92752	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	349639	20.000	ng	0.00
39) Acenaphthene-d10	9.869	164	217252	20.000	ng	0.00
64) Phenanthrene-d10	11.357	188	418483	20.000	ng	# 0.00
76) Chrysene-d12	13.998	240	295042	20.000	ng	# 0.00
86) Perylene-d12	15.462	264	221554	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.457	112	765977	141.819	ng	0.01
7) Phenol-d6	6.463	99	972179	127.687	ng	0.00
23) Nitrobenzene-d5	7.392	82	714090	96.319	ng	0.00
42) 2,4,6-Tribromophenol	10.663	330	401040	161.078	ng	0.00
45) 2-Fluorobiphenyl	9.192	172	1457213	90.642	ng	0.00
79) Terphenyl-d14	12.951	244	1856095	101.445	ng	0.00

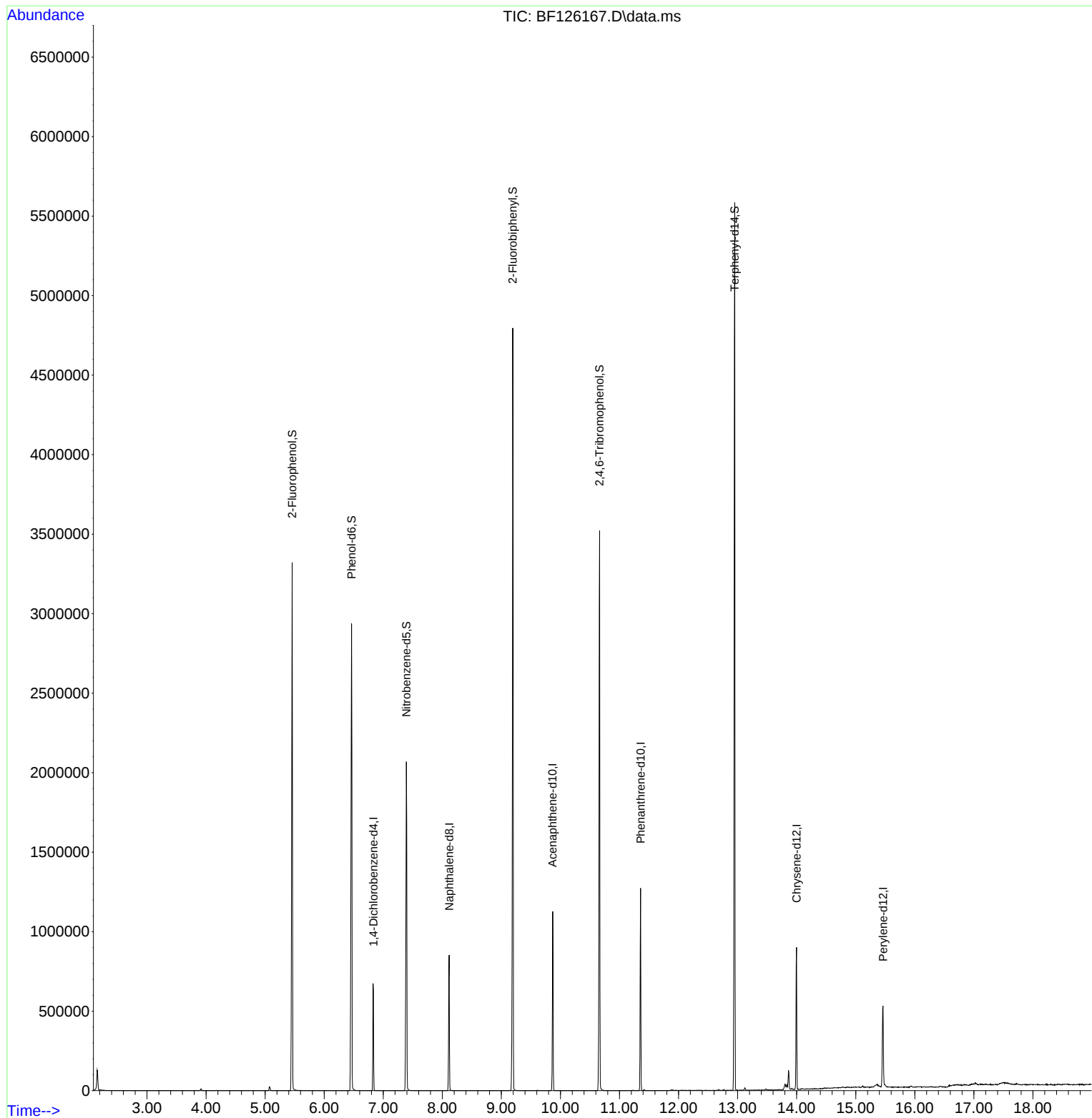
Target Compounds	Qvalue

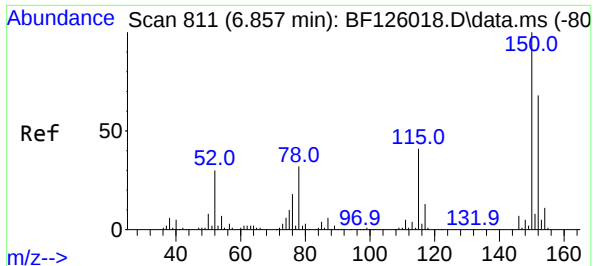
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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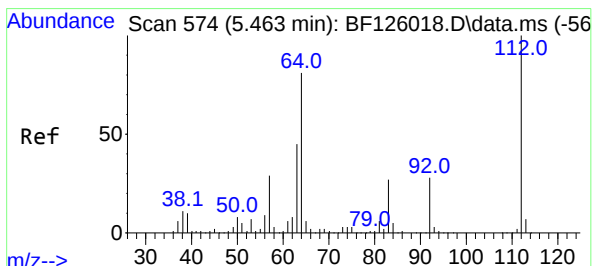
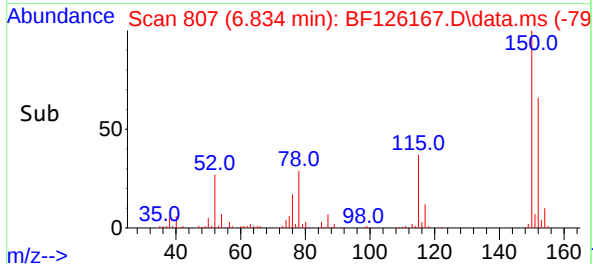
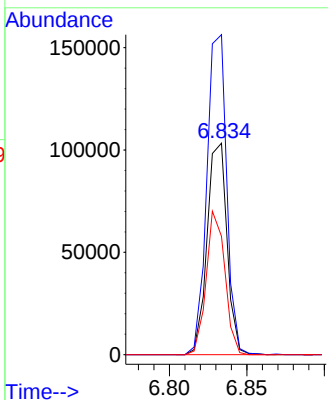
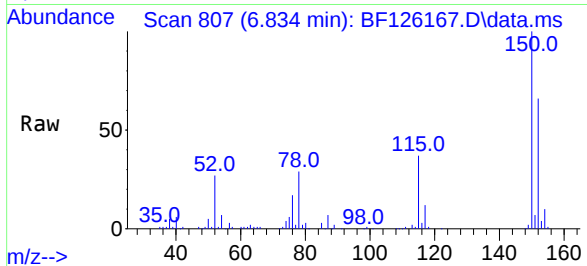




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.834 min Scan# 80
Delta R.T. -0.000 min
Lab File: BF126167.D
Acq: 13 Nov 2021 14:18

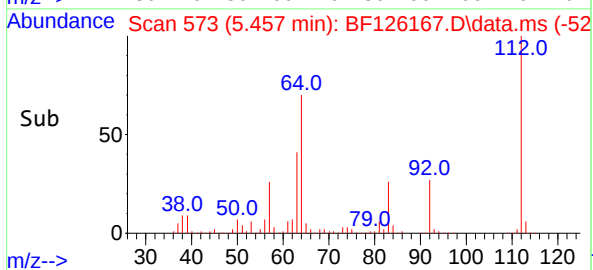
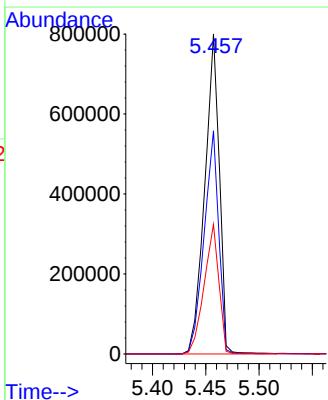
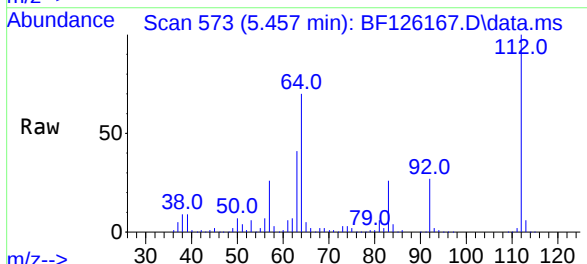
Instrument :
BNA_F
ClientSampleId :
PB140723BL

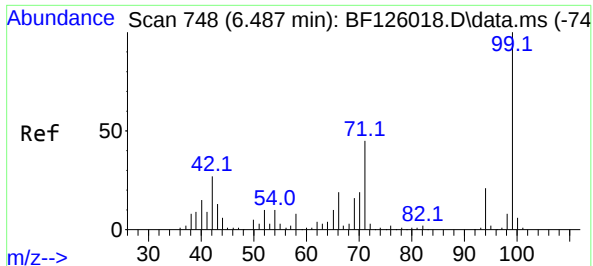
Tgt Ion:152 Resp: 92752
Ion Ratio Lower Upper
152 100
150 151.3 117.6 176.4
115 56.0 47.1 70.7



#5
2-Fluorophenol
Concen: 141.819 ng
RT: 5.457 min Scan# 573
Delta R.T. 0.012 min
Lab File: BF126167.D
Acq: 13 Nov 2021 14:18

Tgt Ion:112 Resp: 765977
Ion Ratio Lower Upper
112 100
64 69.8 44.2 66.2#
63 40.5 26.2 39.2#

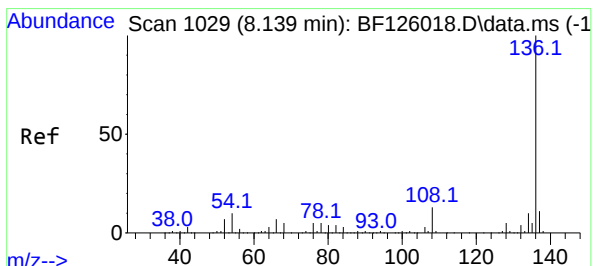
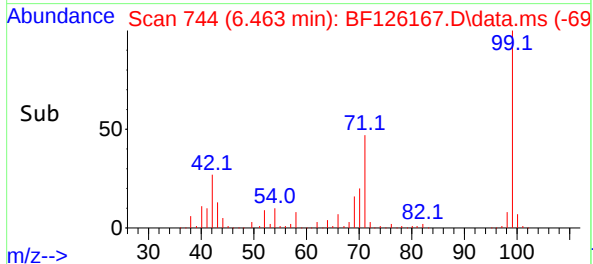
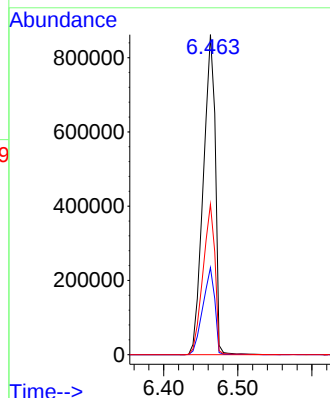
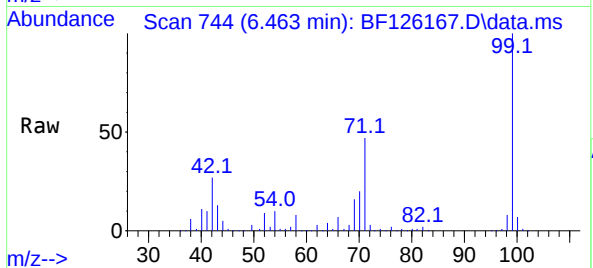




#7
Phenol-d6
Concen: 127.687 ng
RT: 6.463 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF126167.D
Acq: 13 Nov 2021 14:18

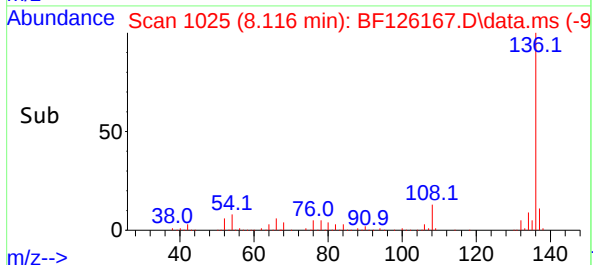
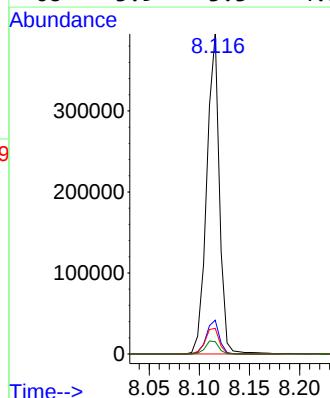
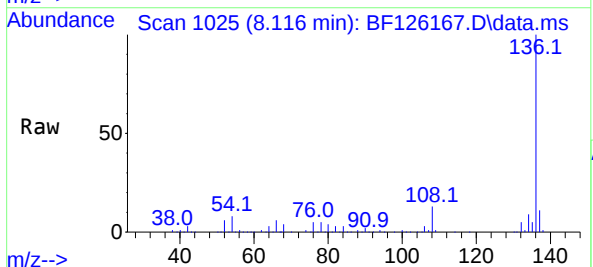
Instrument :
BNA_F
ClientSampleId :
PB140723BL

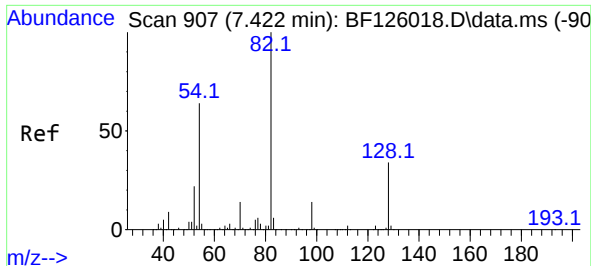
Tgt Ion: 99 Resp: 972179
Ion Ratio Lower Upper
99 100
42 27.2 23.5 35.3
71 47.0 25.6 38.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.116 min Scan# 1025
Delta R.T. -0.006 min
Lab File: BF126167.D
Acq: 13 Nov 2021 14:18

Tgt Ion: 136 Resp: 349639
Ion Ratio Lower Upper
136 100
137 10.5 9.8 14.6
54 8.0 6.4 9.6
68 3.9 3.3 4.9





#23

Nitrobenzene-d5

Concen: 96.319 ng

RT: 7.392 min Scan# 90

Delta R.T. -0.006 min

Lab File: BF126167.D

Acq: 13 Nov 2021 14:18

Instrument :

BNA_F

ClientSampleId :

PB140723BL

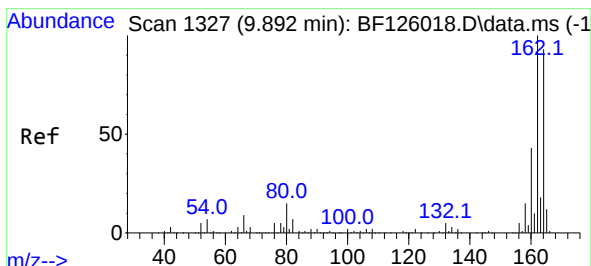
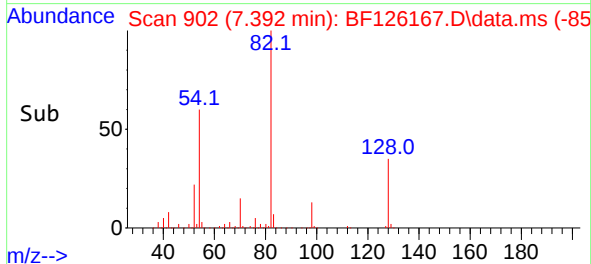
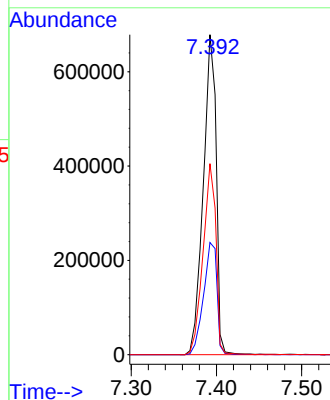
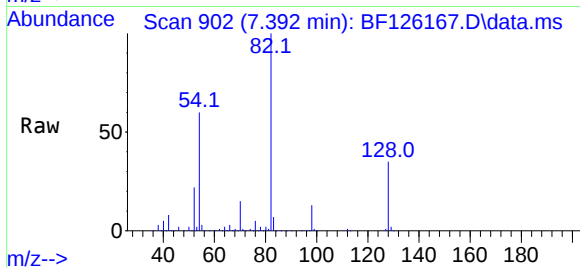
Tgt Ion: 82 Resp: 714090

Ion Ratio Lower Upper

82 100

128 35.1 40.6 60.8#

54 59.7 49.6 74.4



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.869 min Scan# 1323

Delta R.T. -0.006 min

Lab File: BF126167.D

Acq: 13 Nov 2021 14:18

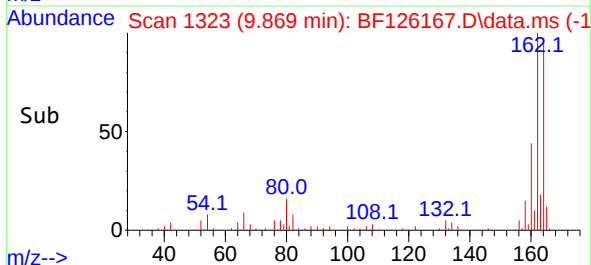
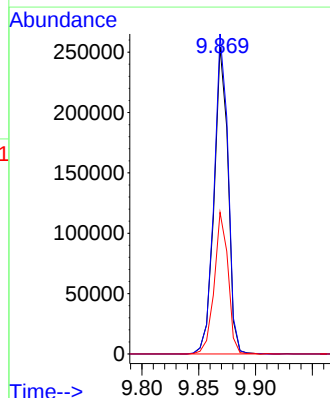
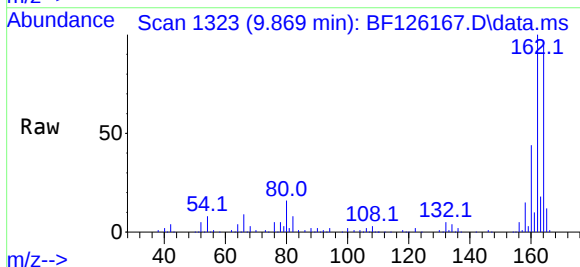
Tgt Ion:164 Resp: 217252

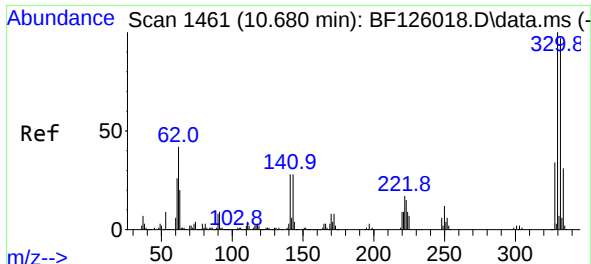
Ion Ratio Lower Upper

164 100

162 104.2 81.3 121.9

160 46.1 38.0 57.0





#42

2,4,6-Tribromophenol

Concen: 161.078 ng

RT: 10.663 min Scan# 1461

Delta R.T. -0.000 min

Lab File: BF126167.D

Acq: 13 Nov 2021 14:18

Instrument :

BNA_F

ClientSampleId :

PB140723BL

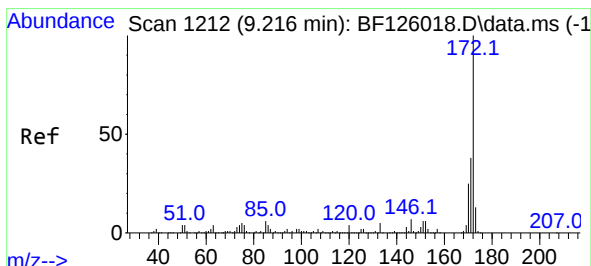
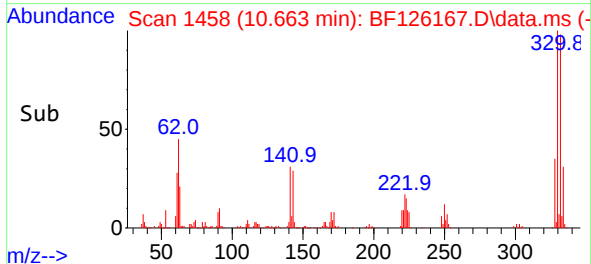
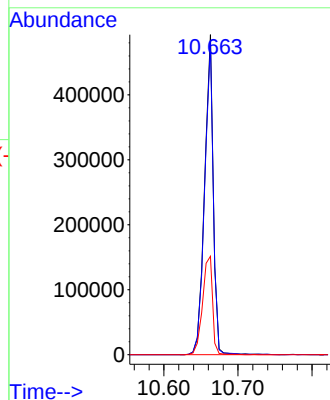
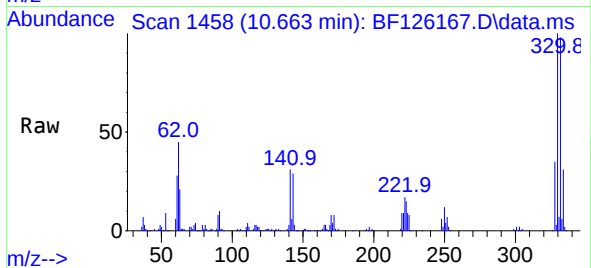
Tgt Ion:330 Resp: 401040

Ion Ratio Lower Upper

330 100

332 97.9 76.2 114.4

141 35.2 44.6 66.8#



#45

2-Fluorobiphenyl

Concen: 90.642 ng

RT: 9.192 min Scan# 1208

Delta R.T. -0.006 min

Lab File: BF126167.D

Acq: 13 Nov 2021 14:18

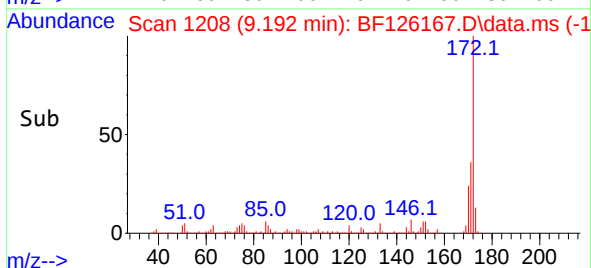
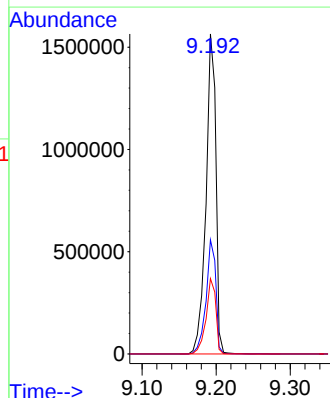
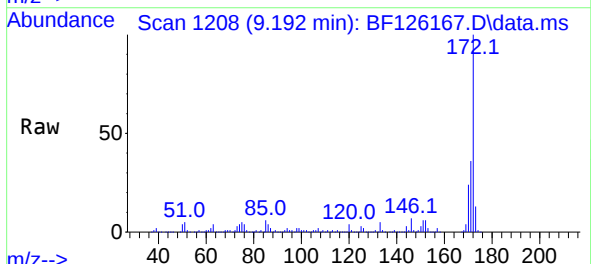
Tgt Ion:172 Resp: 1457213

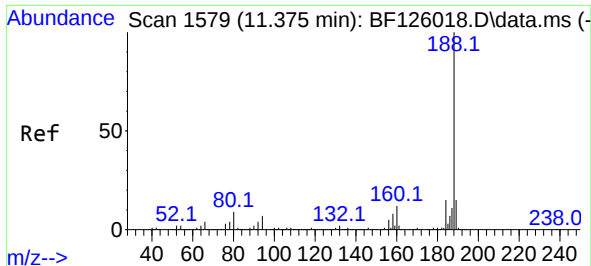
Ion Ratio Lower Upper

172 100

171 35.7 26.5 39.7

170 23.5 18.8 28.2

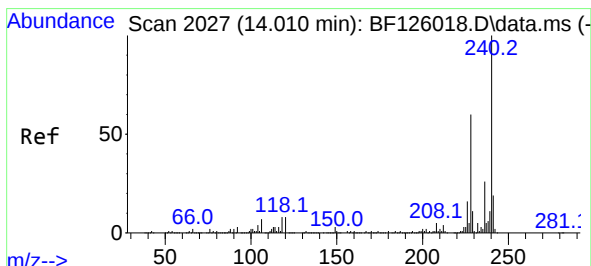
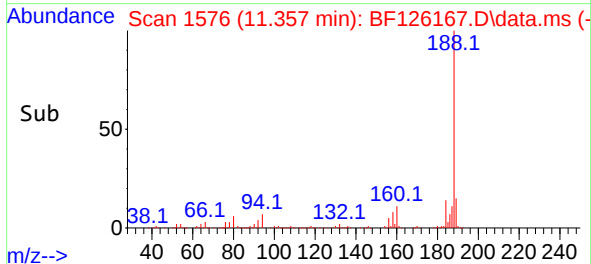
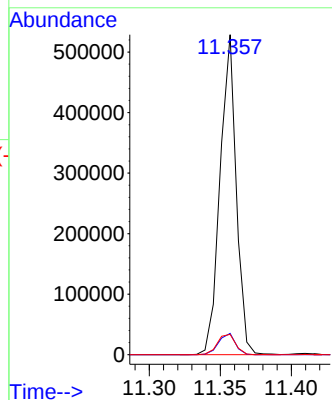
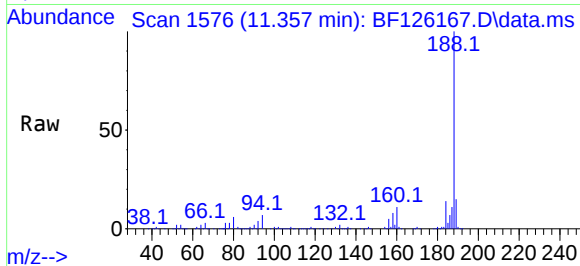




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.357 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF126167.D
Acq: 13 Nov 2021 14:18

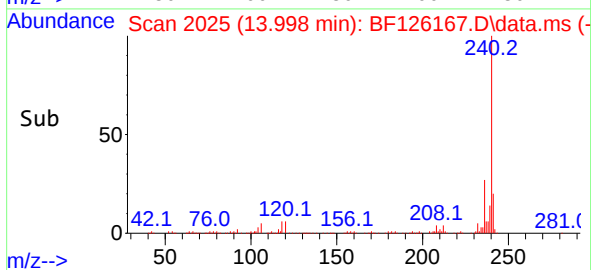
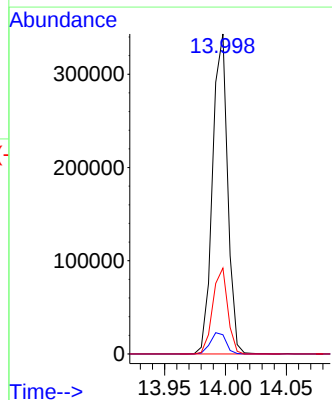
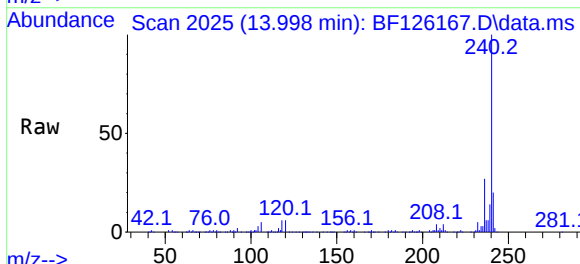
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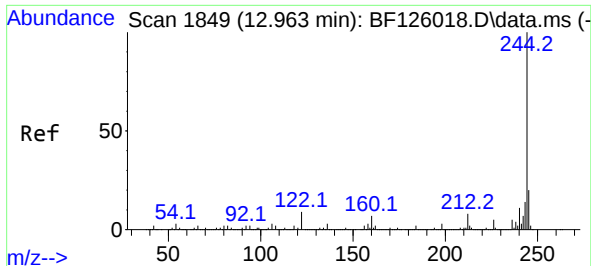
Tgt Ion:188 Resp: 418483
Ion Ratio Lower Upper
188 100
94 6.7 6.7 10.1#
80 6.4 7.5 11.3#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.998 min Scan# 2025
Delta R.T. -0.006 min
Lab File: BF126167.D
Acq: 13 Nov 2021 14:18

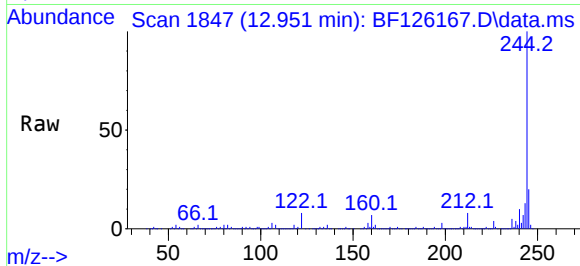
Tgt Ion:240 Resp: 295042
Ion Ratio Lower Upper
240 100
120 6.0 10.8 16.2#
236 26.9 21.6 32.4



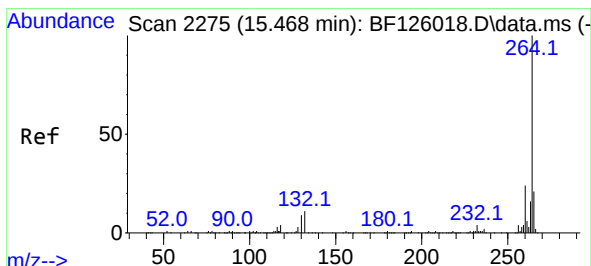
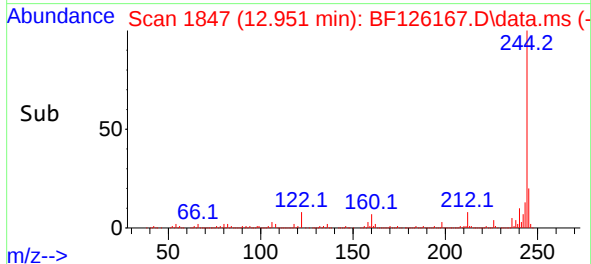
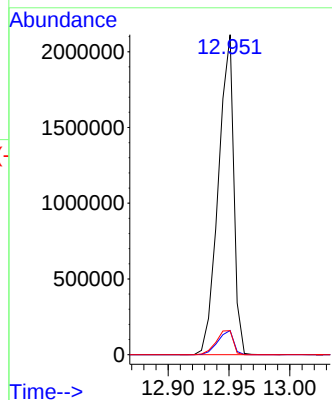


#79
 Terphenyl-d14
 Concen: 101.445 ng
 RT: 12.951 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: BF126167.D
 Acq: 13 Nov 2021 14:18

Instrument :
 BNA_F
 ClientSampleId :
 PB140723BL



Tgt Ion:244 Resp: 1856095
 Ion Ratio Lower Upper
 244 100
 212 7.6 5.9 8.9
 122 7.5 9.0 13.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.462 min Scan# 2274
 Delta R.T. -0.000 min
 Lab File: BF126167.D
 Acq: 13 Nov 2021 14:18

Tgt Ion:264 Resp: 221554
 Ion Ratio Lower Upper
 264 100
 260 23.3 19.6 29.4
 265 20.7 17.2 25.8

