

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111321\
 Data File : BF126171.D
 Acq On : 13 Nov 2021 16:26
 Operator : JU/CG
 Sample : PB140745TB
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB140745TB

Quant Time: Nov 15 09:58:43 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	6.828	152	91512	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	339955	20.000	ng	0.00
39) Acenaphthene-d10	9.869	164	208332	20.000	ng	0.00
64) Phenanthrene-d10	11.357	188	405173	20.000	ng	# 0.00
76) Chrysene-d12	13.998	240	270683	20.000	ng	# 0.00
86) Perylene-d12	15.457	264	198741	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.457	112	740985	139.050	ng	0.01
7) Phenol-d6	6.463	99	934926	124.458	ng	0.00
23) Nitrobenzene-d5	7.392	82	681336	94.518	ng	0.00
42) 2,4,6-Tribromophenol	10.663	330	374813	156.990	ng	0.00
45) 2-Fluorobiphenyl	9.192	172	1391313	90.249	ng	0.00
79) Terphenyl-d14	12.945	244	1761867	104.960	ng	0.00

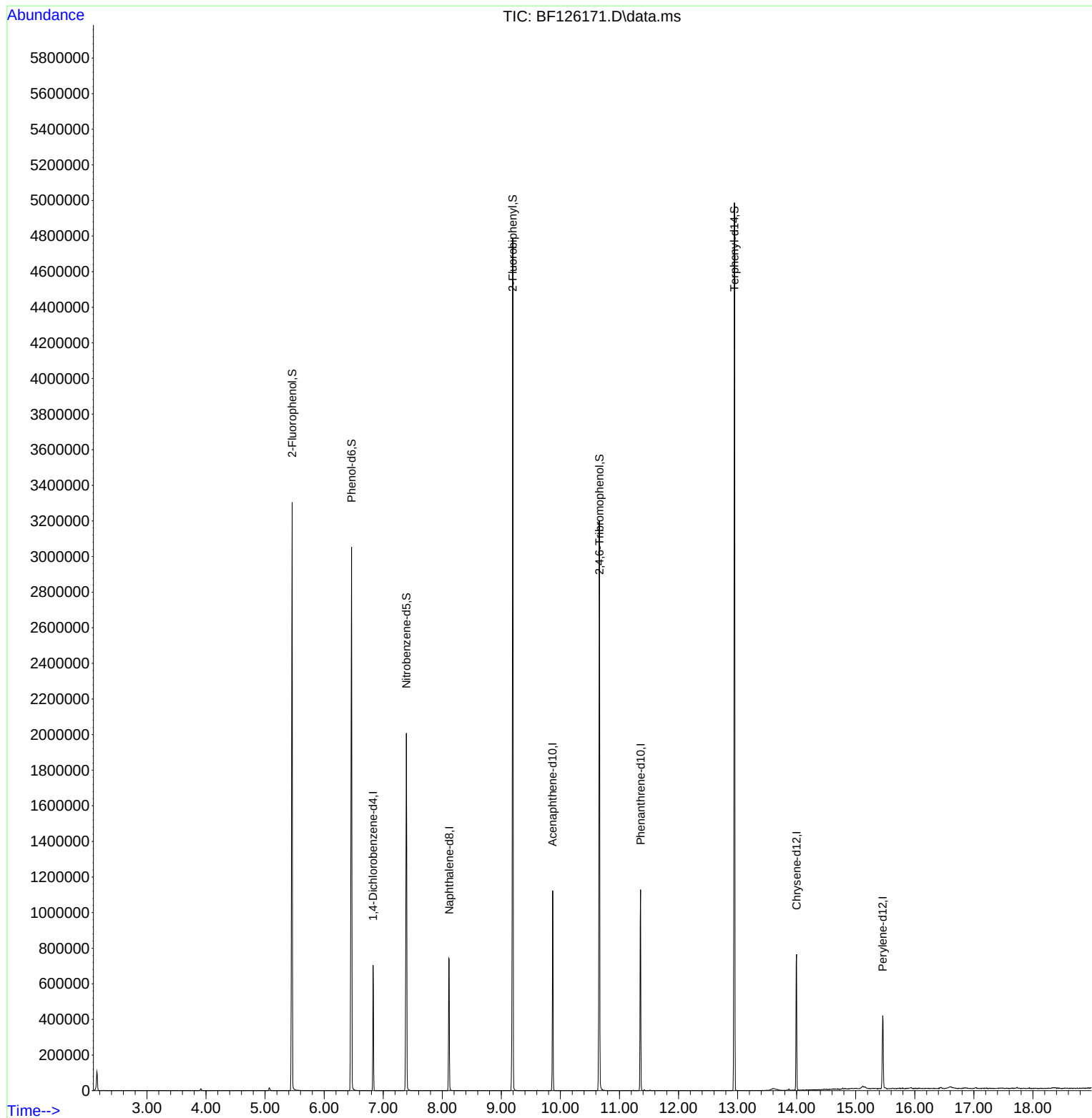
Target Compounds	Qvalue

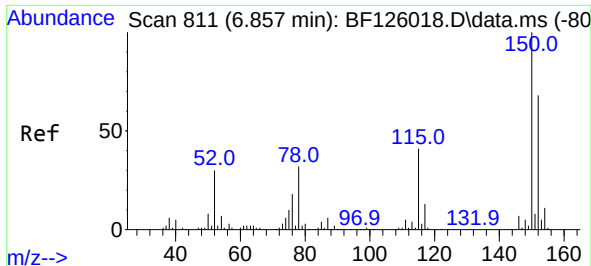
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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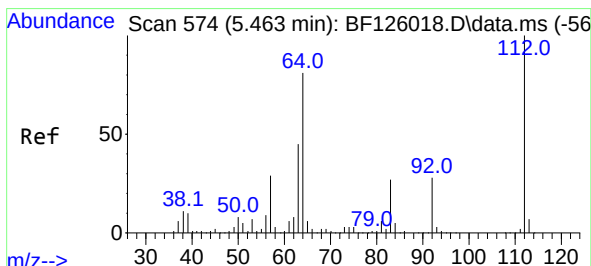
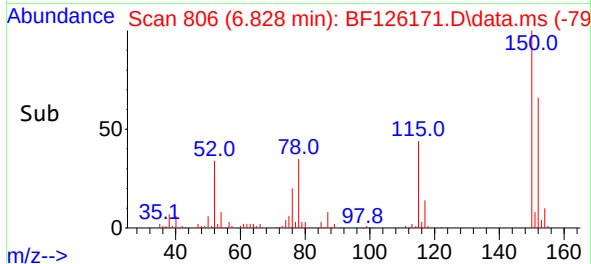
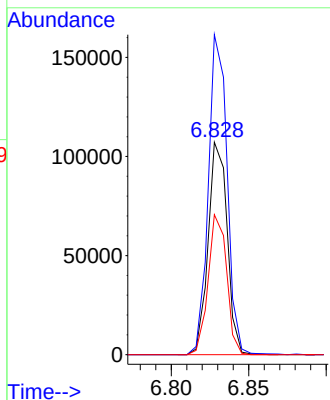
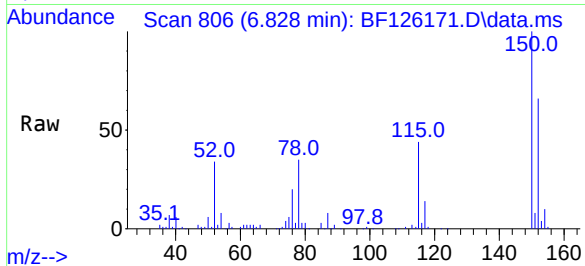




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.828 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF126171.D
Acq: 13 Nov 2021 16:26

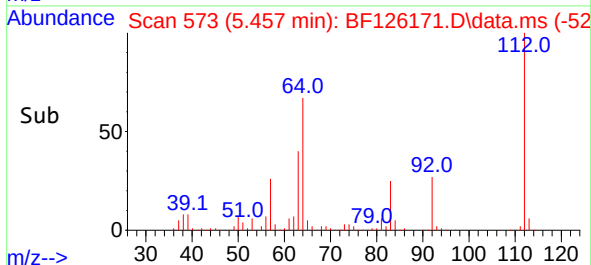
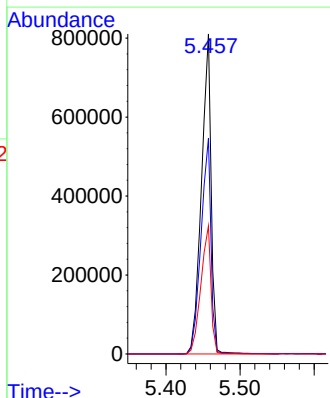
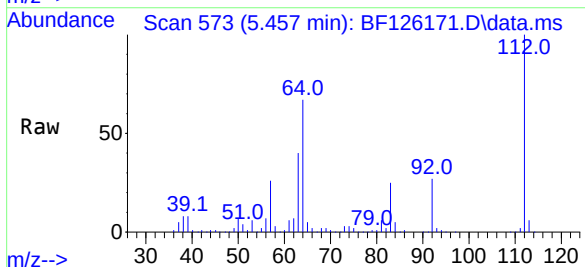
Instrument :
BNA_F
ClientSampleId :
PB140745TB

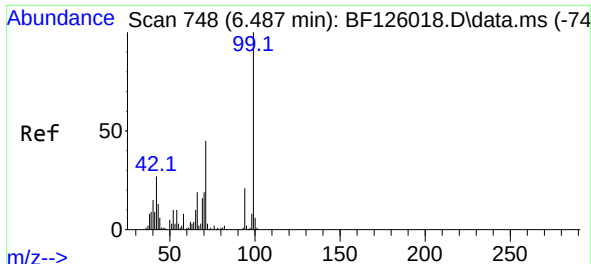
Tgt Ion:152 Resp: 91512
Ion Ratio Lower Upper
152 100
150 150.6 117.6 176.4
115 65.9 47.1 70.7



#5
2-Fluorophenol
Concen: 139.050 ng
RT: 5.457 min Scan# 573
Delta R.T. 0.012 min
Lab File: BF126171.D
Acq: 13 Nov 2021 16:26

Tgt Ion:112 Resp: 740985
Ion Ratio Lower Upper
112 100
64 67.4 44.2 66.2#
63 40.0 26.2 39.2#

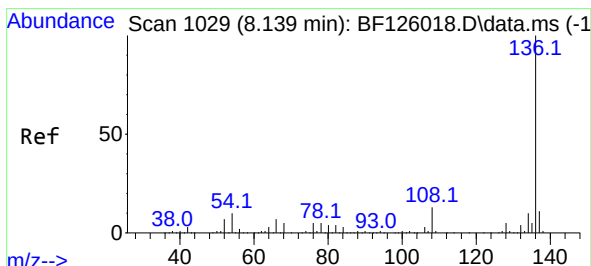
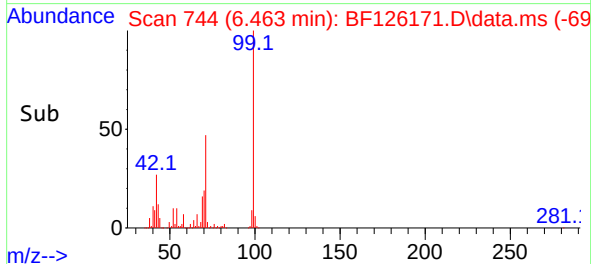
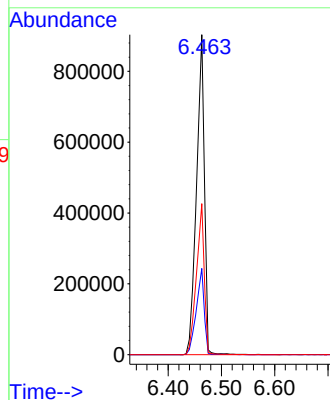
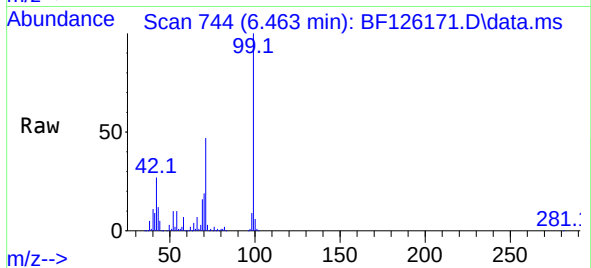




#7
Phenol-d6
Concen: 124.458 ng
RT: 6.463 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF126171.D
Acq: 13 Nov 2021 16:26

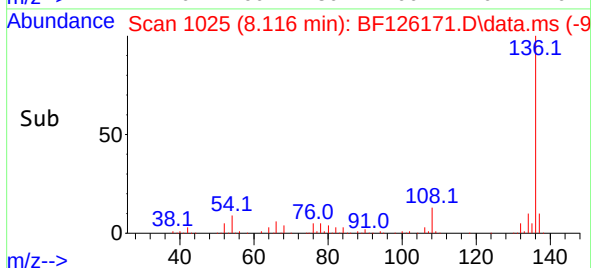
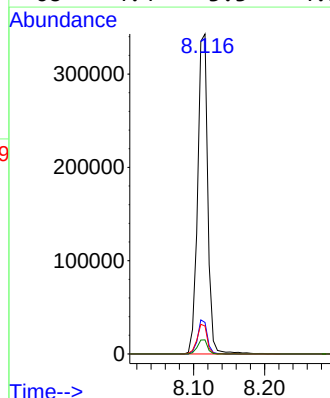
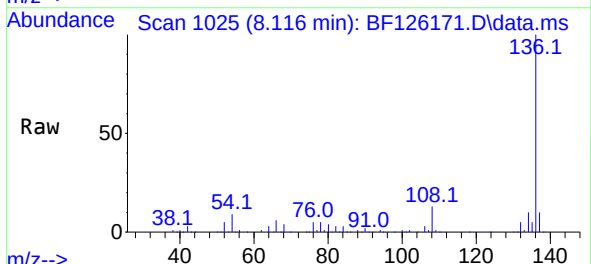
Instrument :
BNA_F
ClientSampleId :
PB140745TB

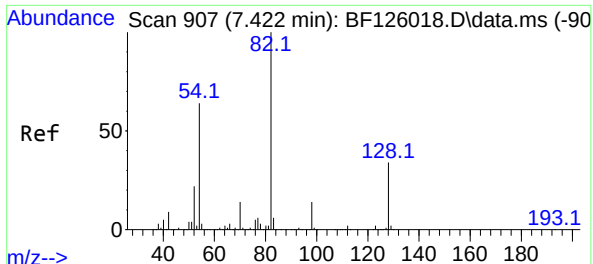
Tgt Ion: 99 Resp: 934926
Ion Ratio Lower Upper
99 100
42 26.9 23.5 35.3
71 47.2 25.6 38.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.116 min Scan# 1025
Delta R.T. -0.006 min
Lab File: BF126171.D
Acq: 13 Nov 2021 16:26

Tgt Ion: 136 Resp: 339955
Ion Ratio Lower Upper
136 100
137 9.9 9.8 14.6
54 8.8 6.4 9.6
68 4.4 3.3 4.9





#23

Nitrobenzene-d5

Concen: 94.518 ng

RT: 7.392 min Scan# 90

Delta R.T. -0.006 min

Lab File: BF126171.D

Acq: 13 Nov 2021 16:26

Instrument :

BNA_F

ClientSampleId :

PB140745TB

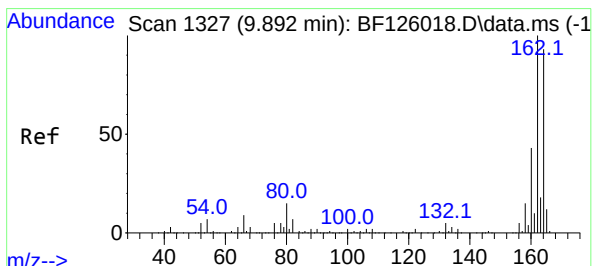
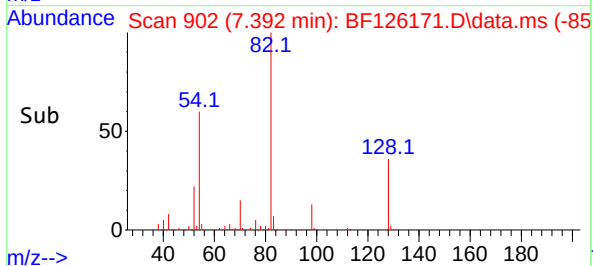
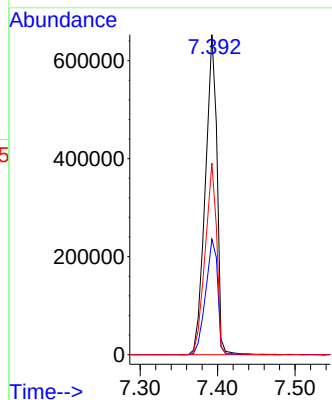
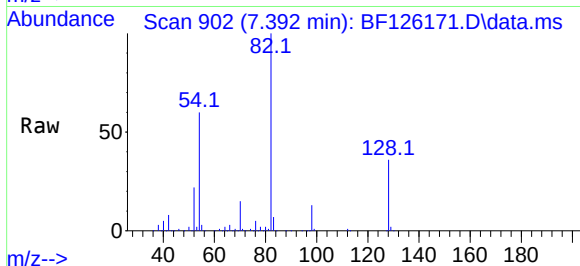
Tgt Ion: 82 Resp: 681336

Ion Ratio Lower Upper

82 100

128 36.1 40.6 60.8#

54 59.8 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: BF126171.D

Acq: 13 Nov 2021 16:26

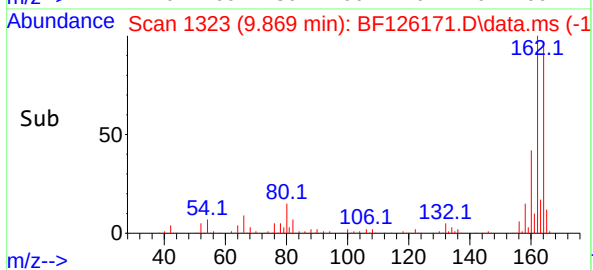
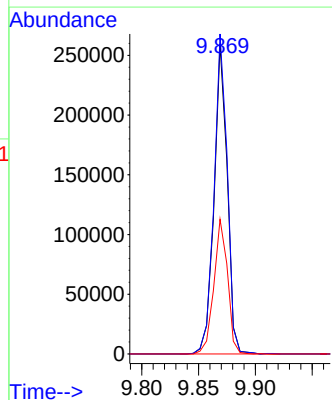
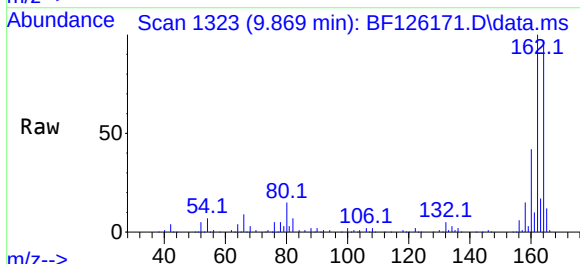
Tgt Ion:164 Resp: 208332

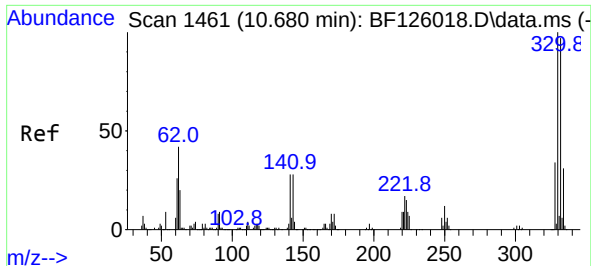
Ion Ratio Lower Upper

164 100

162 103.4 81.3 121.9

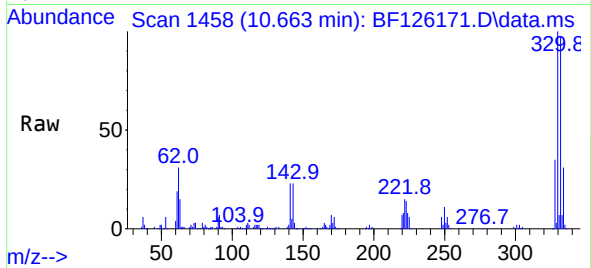
160 43.5 38.0 57.0



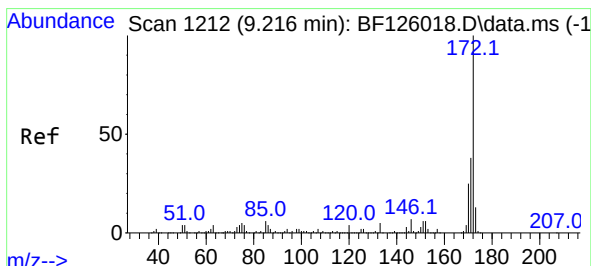
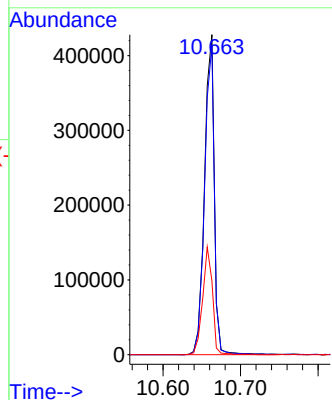
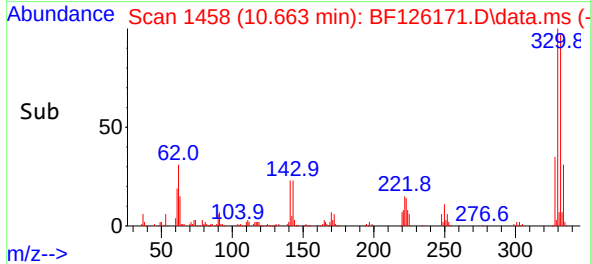


#42
2,4,6-Tribromophenol
Concen: 156.990 ng
RT: 10.663 min Scan# 1461
Delta R.T. 0.000 min
Lab File: BF126171.D
Acq: 13 Nov 2021 16:26

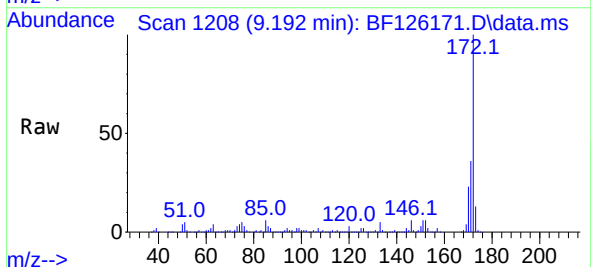
Instrument :
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PB140745TB



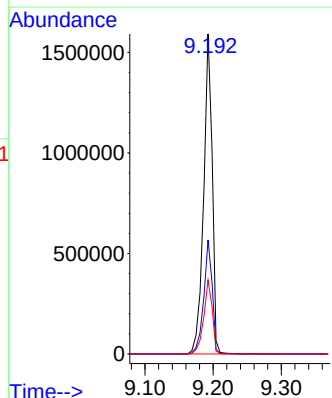
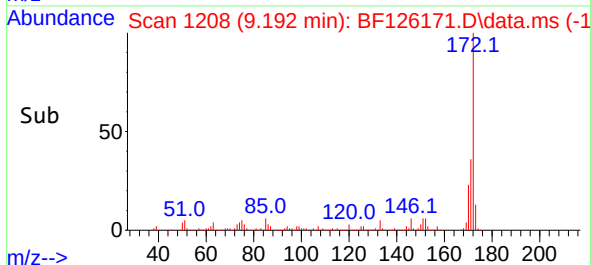
Tgt Ion:330 Resp: 374813
Ion Ratio Lower Upper
330 100
332 96.4 76.2 114.4
141 33.7 44.6 66.8#

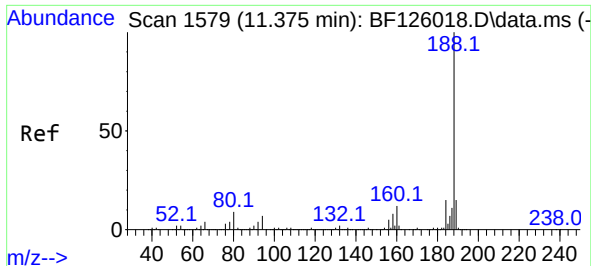


#45
2-Fluorobiphenyl
Concen: 90.249 ng
RT: 9.192 min Scan# 1208
Delta R.T. -0.006 min
Lab File: BF126171.D
Acq: 13 Nov 2021 16:26



Tgt Ion:172 Resp: 1391313
Ion Ratio Lower Upper
172 100
171 35.6 26.5 39.7
170 23.1 18.8 28.2

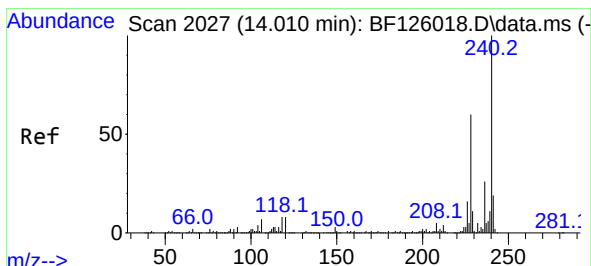
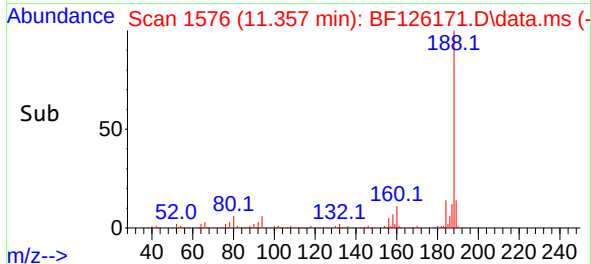
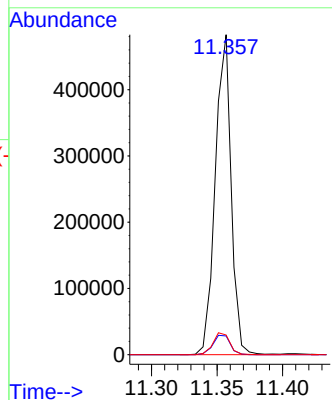
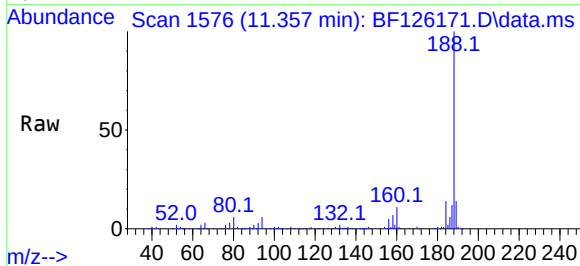




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.357 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF126171.D
Acq: 13 Nov 2021 16:26

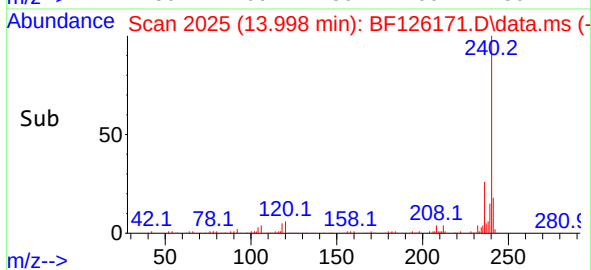
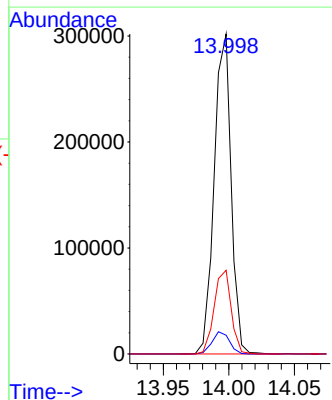
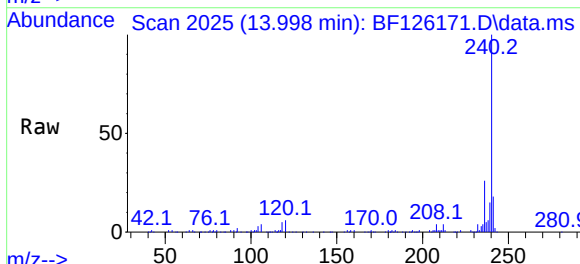
Instrument :
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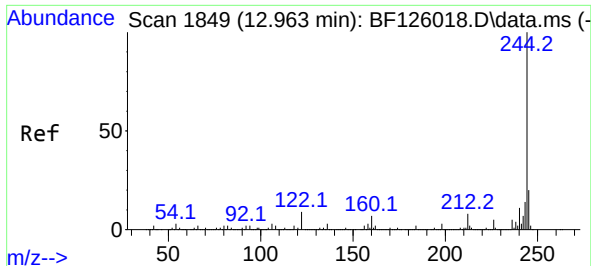
Tgt Ion:188 Resp: 405173
Ion Ratio Lower Upper
188 100
94 5.9 6.7 10.1#
80 6.2 7.5 11.3#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.998 min Scan# 2025
Delta R.T. -0.006 min
Lab File: BF126171.D
Acq: 13 Nov 2021 16:26

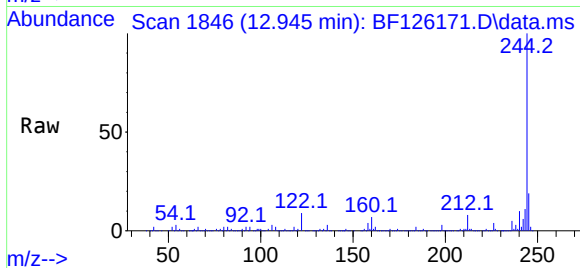
Tgt Ion:240 Resp: 270683
Ion Ratio Lower Upper
240 100
120 5.8 10.8 16.2#
236 26.1 21.6 32.4



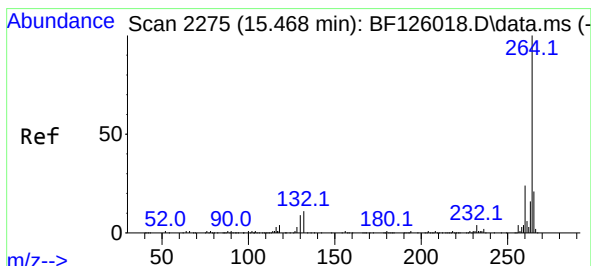
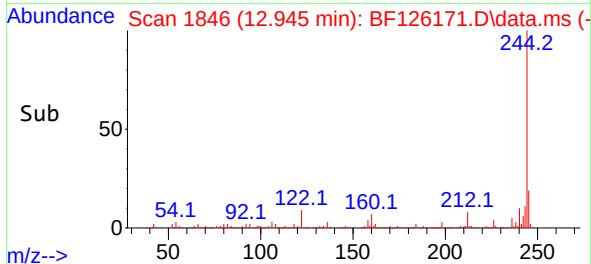
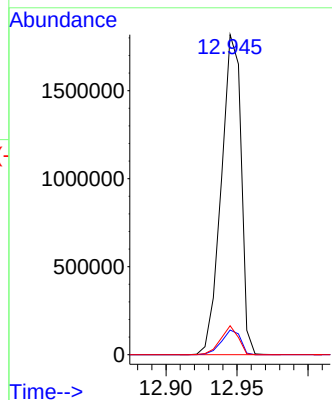


#79
 Terphenyl-d14
 Concen: 104.960 ng
 RT: 12.945 min Scan# 1846
 Delta R.T. 0.000 min
 Lab File: BF126171.D
 Acq: 13 Nov 2021 16:26

Instrument :
 BNA_F
 ClientSampleId :
 PB140745TB



Tgt Ion:244 Resp: 1761867
 Ion Ratio Lower Upper
 244 100
 212 7.7 5.9 8.9
 122 9.0 9.0 13.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.457 min Scan# 2273
 Delta R.T. -0.006 min
 Lab File: BF126171.D
 Acq: 13 Nov 2021 16:26

Tgt Ion:264 Resp: 198741
 Ion Ratio Lower Upper
 264 100
 260 24.4 19.6 29.4
 265 20.2 17.2 25.8

