

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF053122\
 Data File : BF128609.D
 Acq On : 31 May 2022 22:33
 Operator : CG\JU
 Sample : N2952-13
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P037-SS001-1824-01

Quant Time: Jun 01 00:59:22 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 27 01:51:59 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	103839	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	362121	20.000	ng	0.00
39) Acenaphthene-d10	9.886	164	181788	20.000	ng	0.00
64) Phenanthrene-d10	11.374	188	283339	20.000	ng	# 0.00
76) Chrysene-d12	14.015	240	199334	20.000	ng	# 0.00
86) Perylene-d12	15.486	264	149166	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	546556	87.185	ng	0.06
7) Phenol-d6	6.534	99	677716	84.788	ng	0.06
23) Nitrobenzene-d5	7.410	82	473307	75.401	ng	0.00
42) 2,4,6-Tribromophenol	10.680	330	161751	93.481	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	849914	75.957	ng	0.00
79) Terphenyl-d14	12.963	244	716230	69.418	ng	0.00

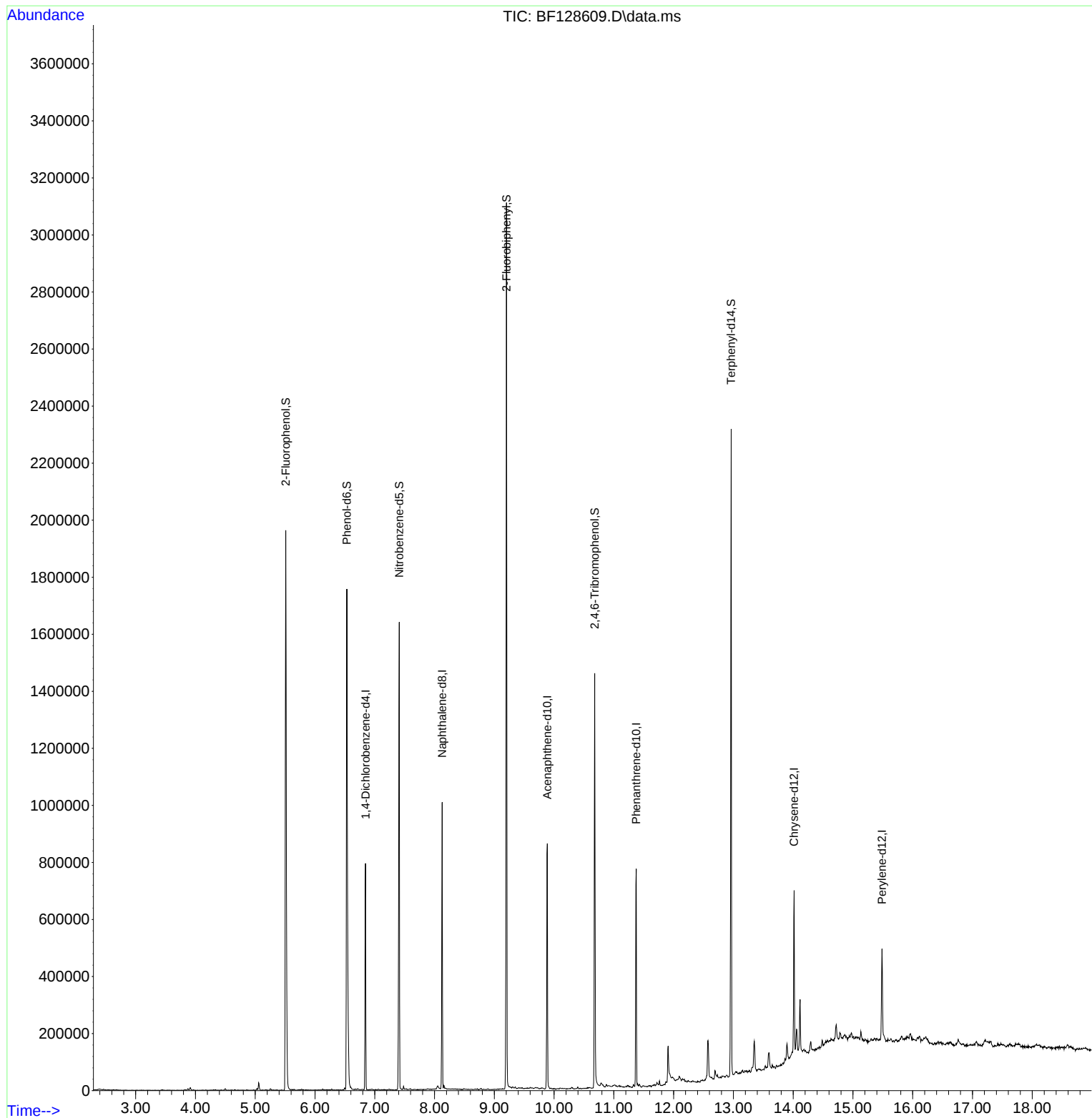
Target Compounds	Qvalue

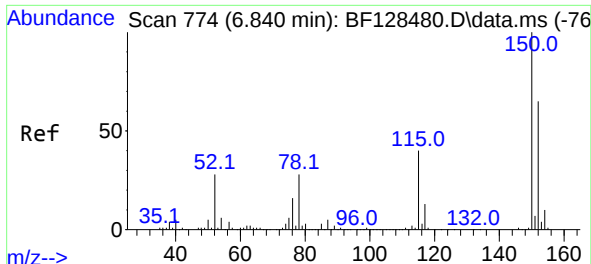
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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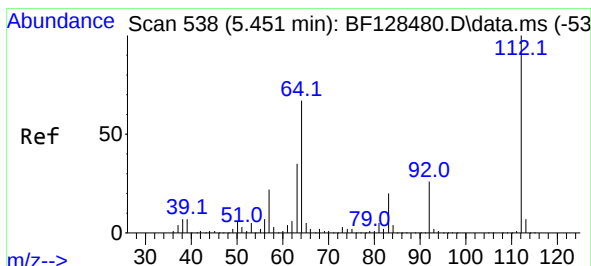
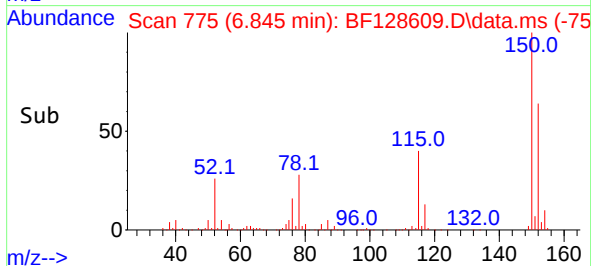
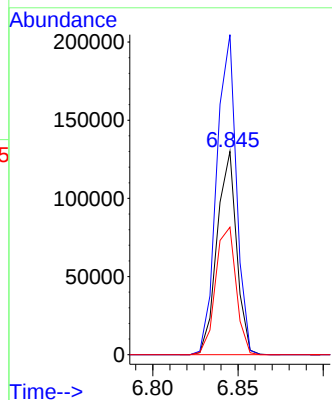
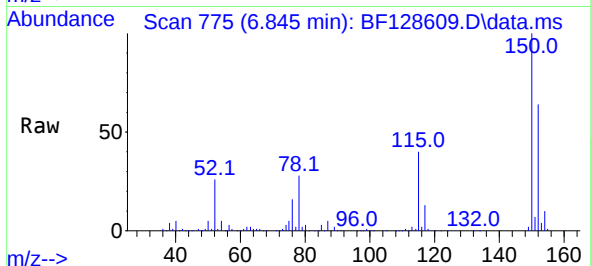




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.845 min Scan# 71
Delta R.T. 0.005 min
Lab File: BF128609.D
Acq: 31 May 2022 22:33

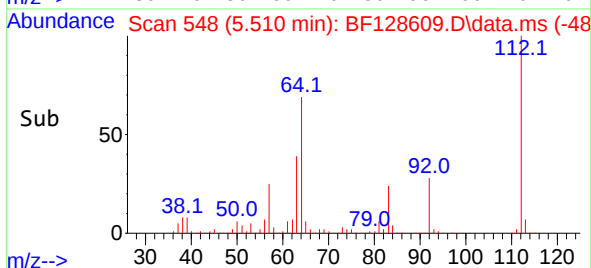
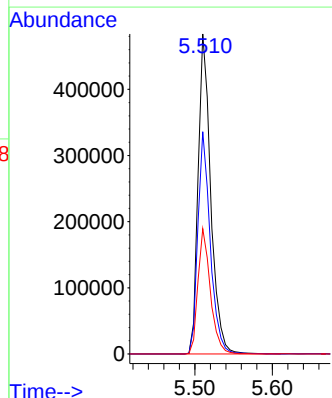
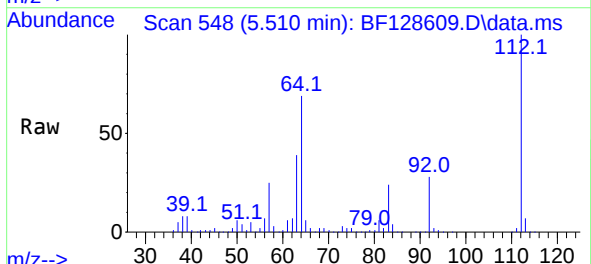
Instrument :
BNA_F
ClientSampleId :
P037-SS001-1824-01

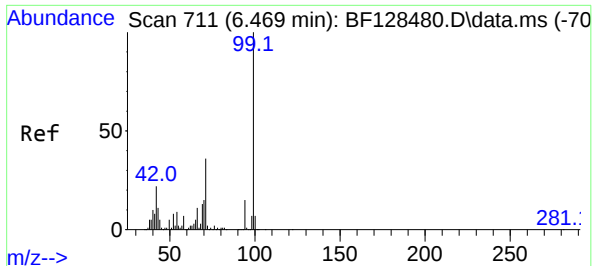
Tgt Ion:152 Resp: 103839
Ion Ratio Lower Upper
152 100
150 157.5 123.7 185.5
115 62.8 49.9 74.9



#5
2-Fluorophenol
Concen: 87.185 ng
RT: 5.510 min Scan# 548
Delta R.T. 0.059 min
Lab File: BF128609.D
Acq: 31 May 2022 22:33

Tgt Ion:112 Resp: 546556
Ion Ratio Lower Upper
112 100
64 69.4 53.3 79.9
63 39.2 28.0 42.0

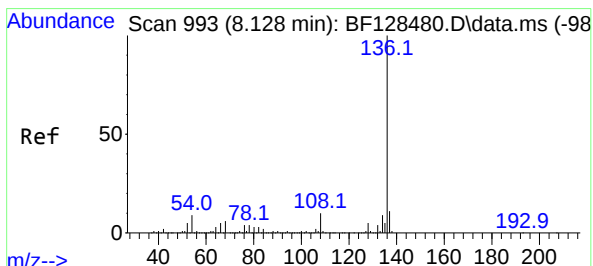
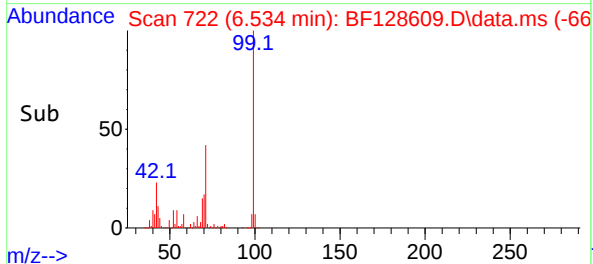
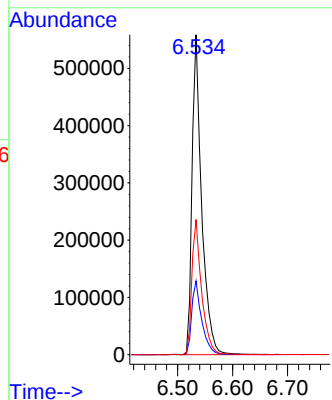
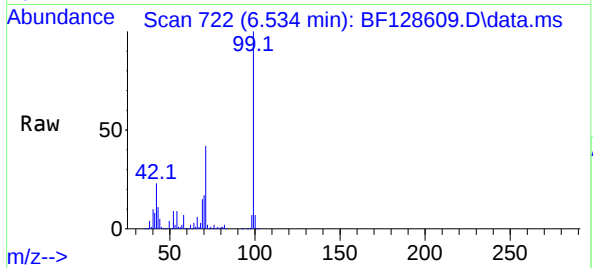




#7
Phenol-d6
Concen: 84.788 ng
RT: 6.534 min Scan# 711
Delta R.T. 0.065 min
Lab File: BF128609.D
Acq: 31 May 2022 22:33

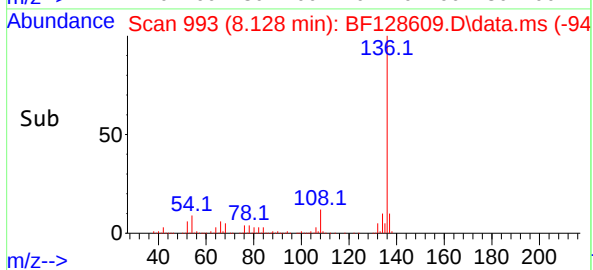
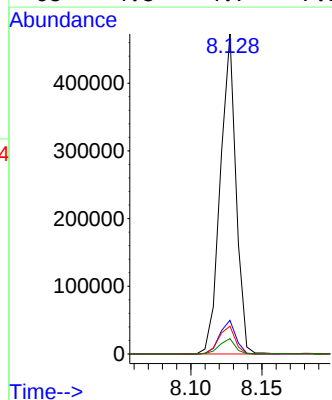
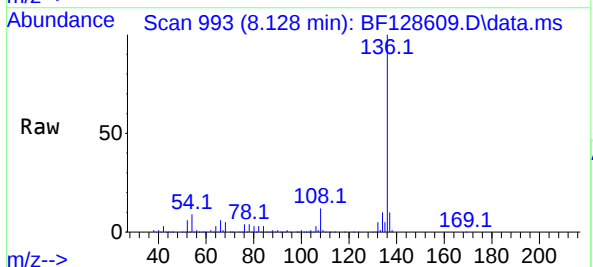
Instrument :
BNA_F
ClientSampleId :
P037-SS001-1824-01

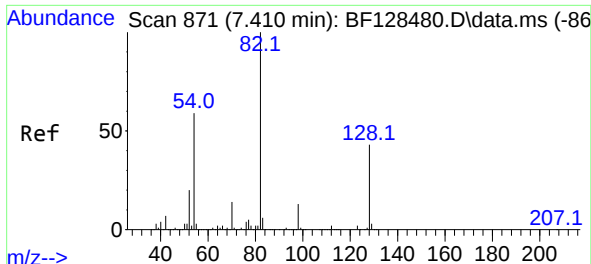
Tgt Ion: 99 Resp: 677716
Ion Ratio Lower Upper
99 100
42 23.0 17.3 25.9
71 42.2 28.9 43.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.128 min Scan# 993
Delta R.T. -0.000 min
Lab File: BF128609.D
Acq: 31 May 2022 22:33

Tgt Ion: 136 Resp: 362121
Ion Ratio Lower Upper
136 100
137 10.5 8.8 13.2
54 8.7 7.5 11.3
68 4.8 4.7 7.1





#23

Nitrobenzene-d5

Concen: 75.401 ng

RT: 7.410 min Scan# 81

Delta R.T. -0.000 min

Lab File: BF128609.D

Acq: 31 May 2022 22:33

Instrument :

BNA_F

ClientSampleId :

P037-SS001-1824-01

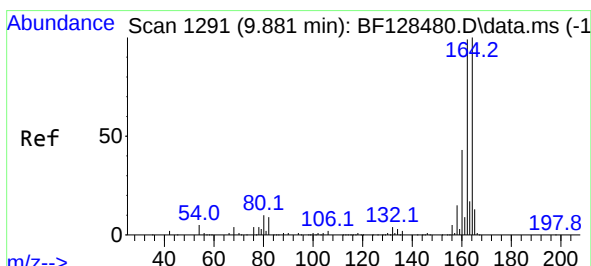
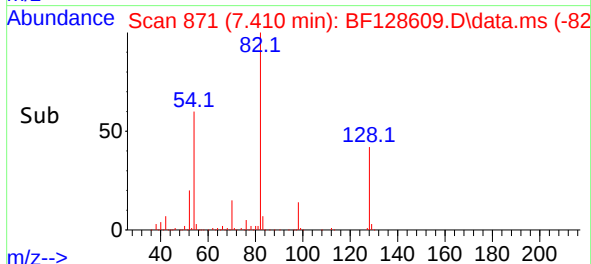
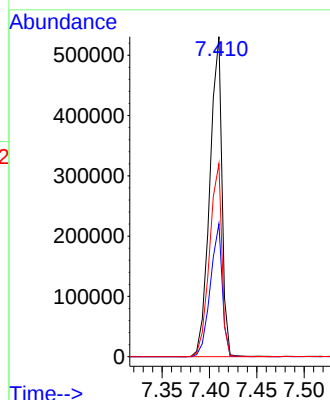
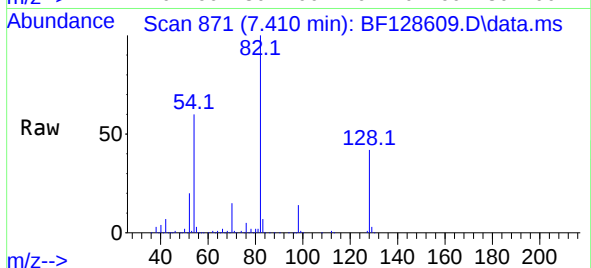
Tgt Ion: 82 Resp: 473307

Ion Ratio Lower Upper

82 100

128 41.5 34.0 51.0

54 60.3 46.9 70.3



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.886 min Scan# 1292

Delta R.T. 0.005 min

Lab File: BF128609.D

Acq: 31 May 2022 22:33

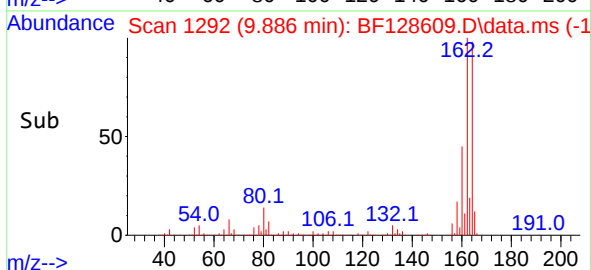
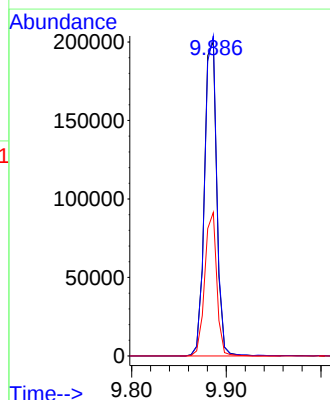
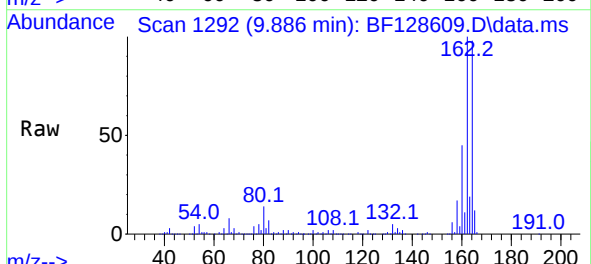
Tgt Ion: 164 Resp: 181788

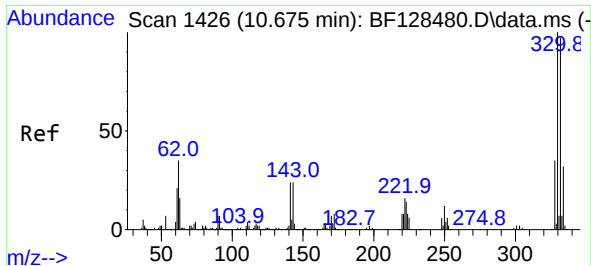
Ion Ratio Lower Upper

164 100

162 101.8 79.5 119.3

160 45.7 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 93.481 ng

RT: 10.680 min Scan# 1426

Delta R.T. 0.006 min

Lab File: BF128609.D

Acq: 31 May 2022 22:33

Instrument :

BNA_F

ClientSampleId :

P037-SS001-1824-01

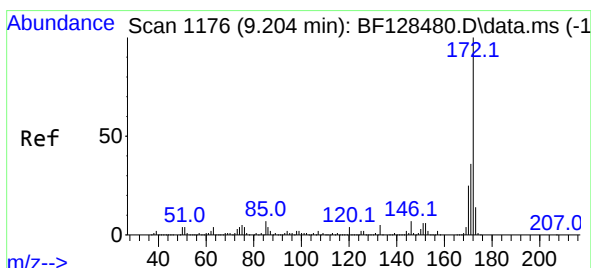
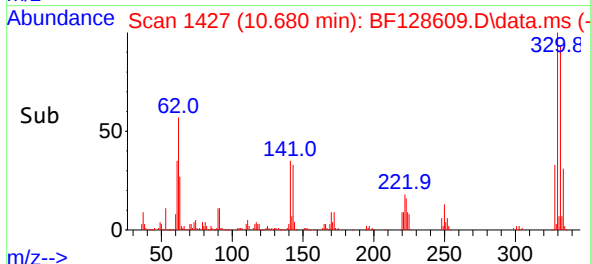
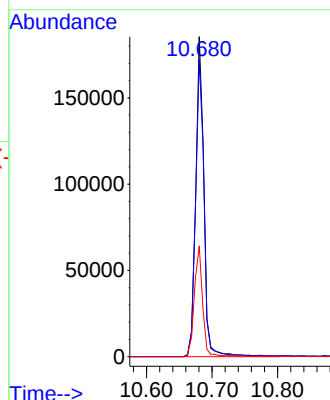
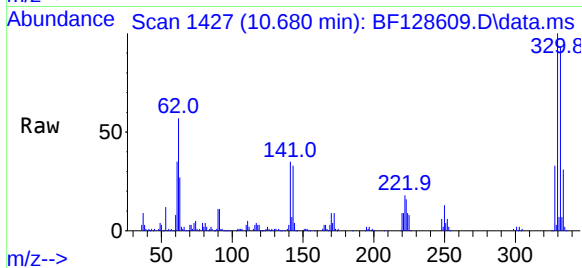
Tgt Ion:330 Resp: 161751

Ion Ratio Lower Upper

330 100

332 95.3 76.8 115.2

141 35.1 28.0 42.0



#45

2-Fluorobiphenyl

Concen: 75.957 ng

RT: 9.204 min Scan# 1176

Delta R.T. -0.000 min

Lab File: BF128609.D

Acq: 31 May 2022 22:33

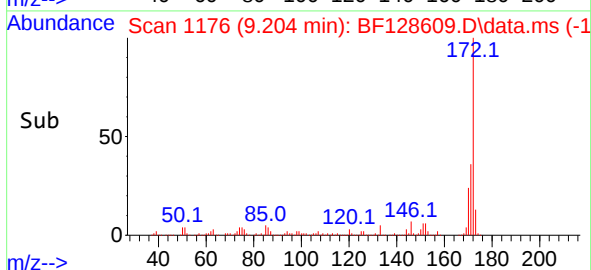
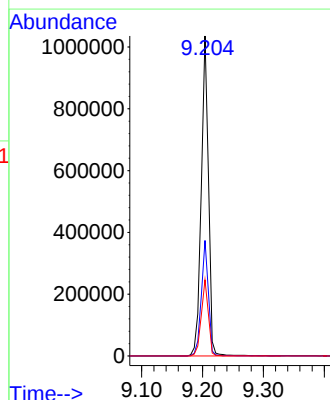
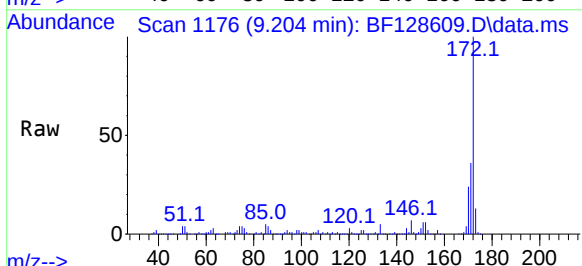
Tgt Ion:172 Resp: 849914

Ion Ratio Lower Upper

172 100

171 36.1 28.8 43.2

170 23.8 19.8 29.8

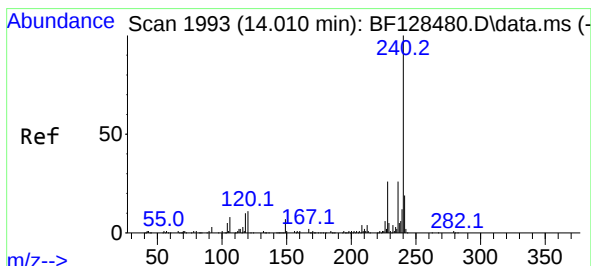
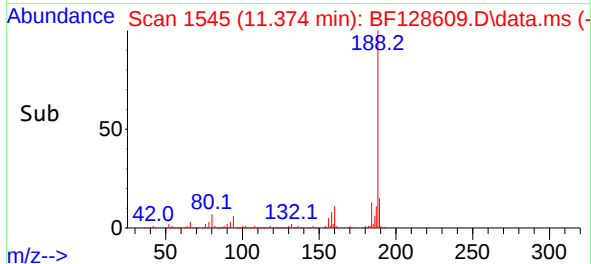
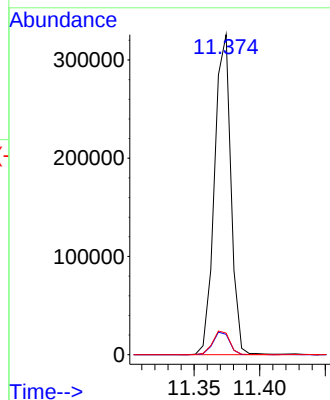
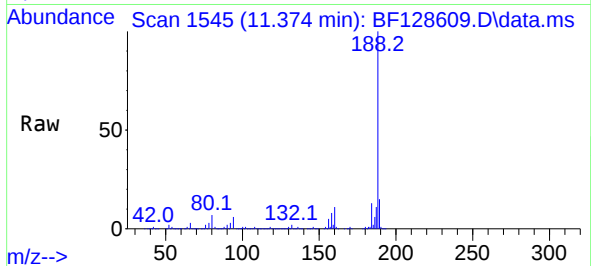




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.374 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF128609.D
Acq: 31 May 2022 22:33

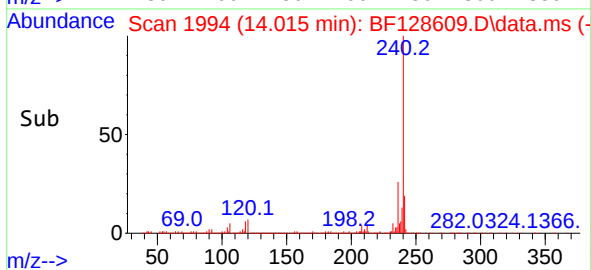
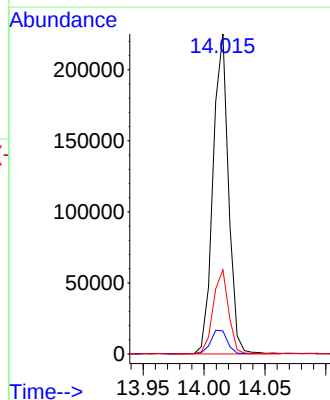
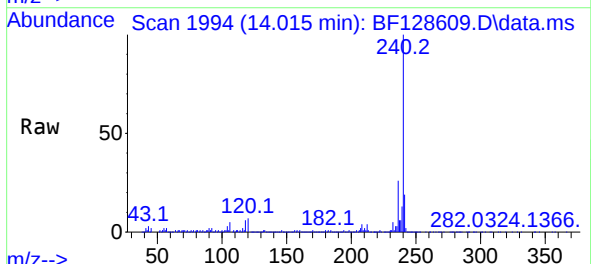
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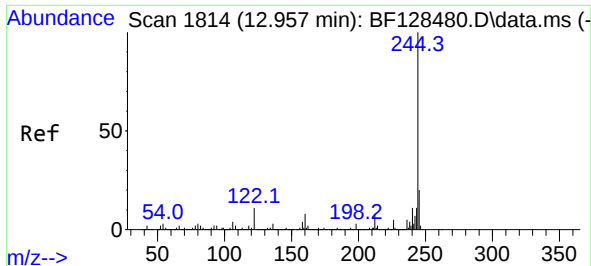
Tgt Ion:188 Resp: 283339
Ion Ratio Lower Upper
188 100
94 6.4 7.0 10.6#
80 6.8 7.6 11.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.015 min Scan# 1994
Delta R.T. 0.006 min
Lab File: BF128609.D
Acq: 31 May 2022 22:33

Tgt Ion:240 Resp: 199334
Ion Ratio Lower Upper
240 100
120 7.2 8.9 13.3#
236 26.3 20.8 31.2

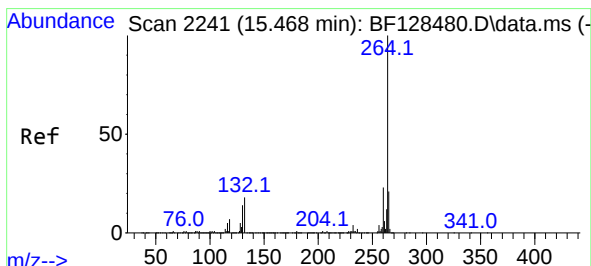
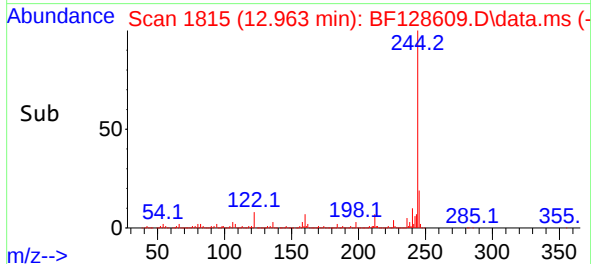
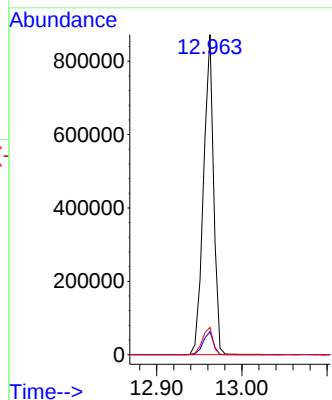
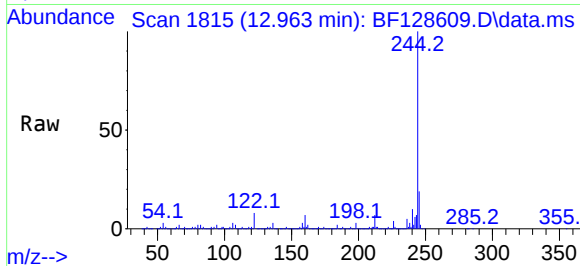




#79
 Terphenyl-d14
 Concen: 69.418 ng
 RT: 12.963 min Scan# 1815
 Delta R.T. 0.006 min
 Lab File: BF128609.D
 Acq: 31 May 2022 22:33

Instrument :
 BNA_F
 ClientSampleId :
 P037-SS001-1824-01

Tgt Ion:244 Resp: 716230
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.1 9.1
 122 8.5 8.8 13.2#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.486 min Scan# 2244
 Delta R.T. 0.017 min
 Lab File: BF128609.D
 Acq: 31 May 2022 22:33

Tgt Ion:264 Resp: 149166
 Ion Ratio Lower Upper
 264 100
 260 24.2 18.4 27.6
 265 20.7 17.2 25.8

