

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060122\
 Data File : BF128626.D
 Acq On : 01 Jun 2022 16:55
 Operator : CG\JU
 Sample : N2953-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P043-SS001-1218-01

Quant Time: Jun 02 09:36:46 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	6.833	152	99864	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	355322	20.000	ng	#-0.01
39) Acenaphthene-d10	9.869	164	172701	20.000	ng	-0.01
64) Phenanthrene-d10	11.351	188	274025	20.000	ng	-0.02
76) Chrysene-d12	13.992	240	198199	20.000	ng	#-0.02
86) Perylene-d12	15.456	264	209576	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	603520	100.104	ng	0.04
7) Phenol-d6	6.504	99	784009	101.990	ng	0.04
23) Nitrobenzene-d5	7.398	82	551803	89.588	ng	-0.01
42) 2,4,6-Tribromophenol	10.663	330	184239	112.080	ng	-0.01
45) 2-Fluorobiphenyl	9.192	172	893932	84.095	ng	-0.01
79) Terphenyl-d14	12.945	244	711125	69.317	ng	-0.01

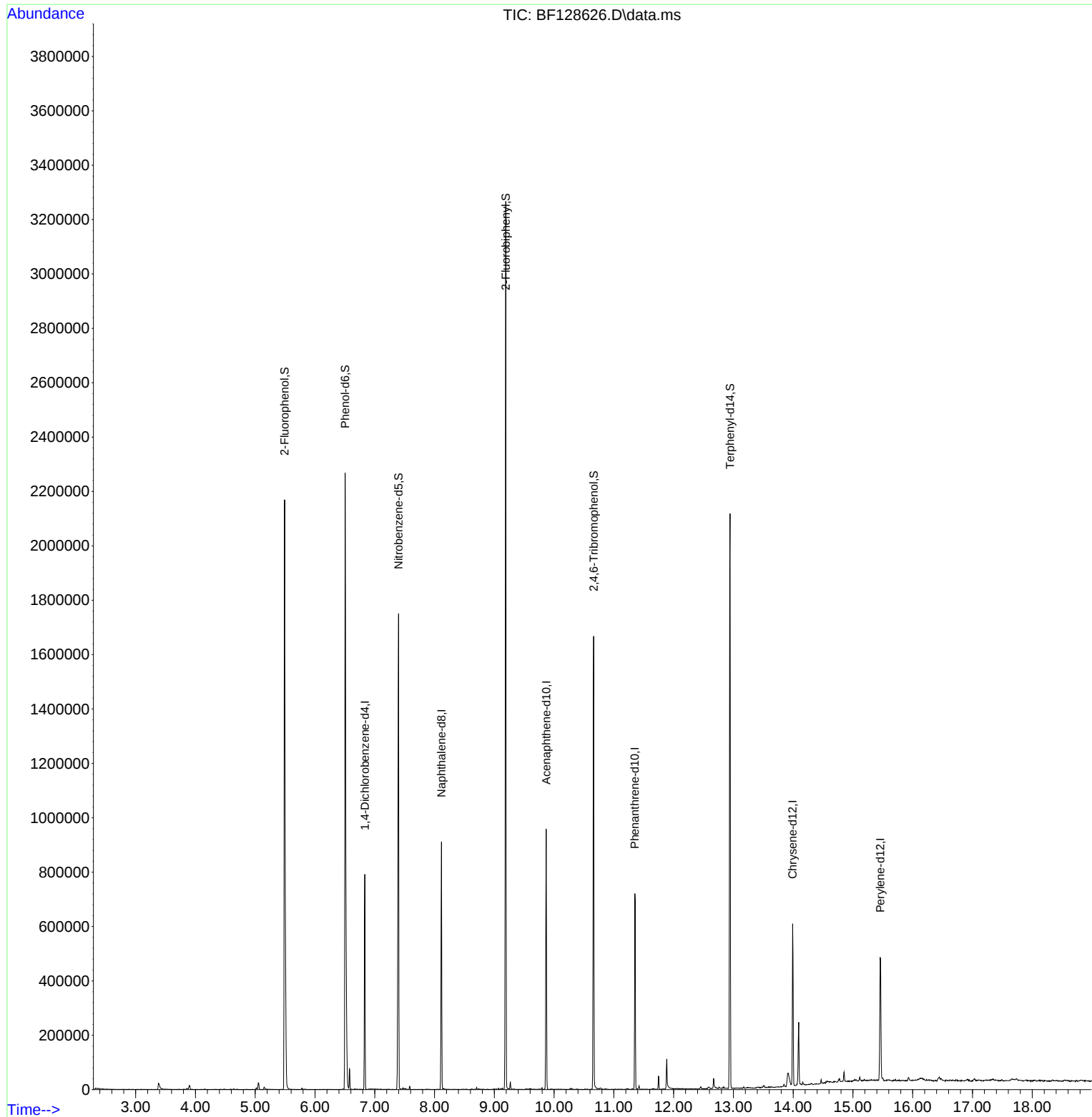
Target Compounds	Qvalue

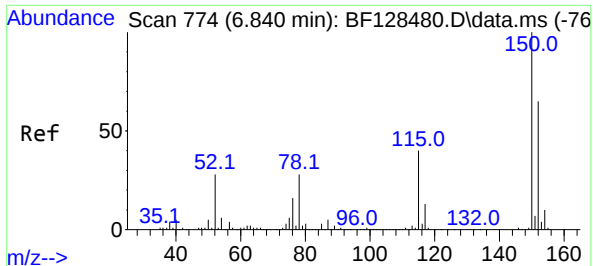
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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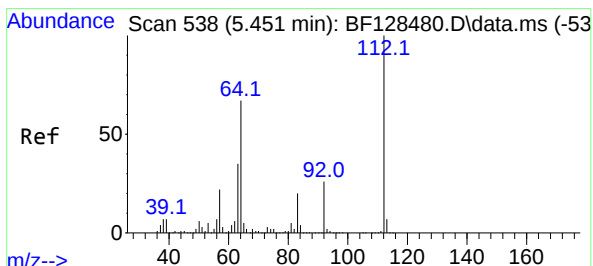
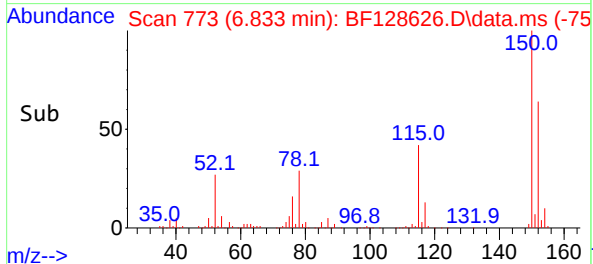
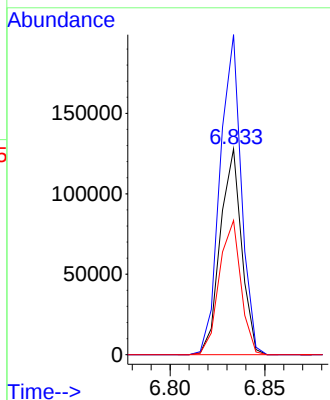
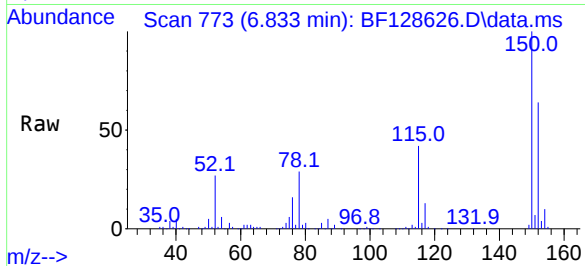




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.833 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF128626.D
Acq: 01 Jun 2022 16:55

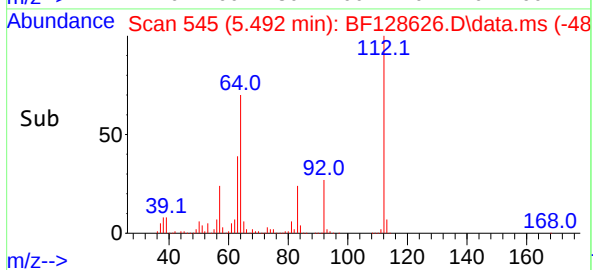
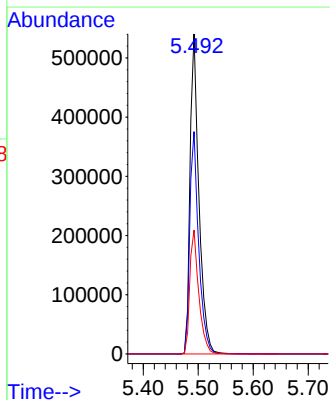
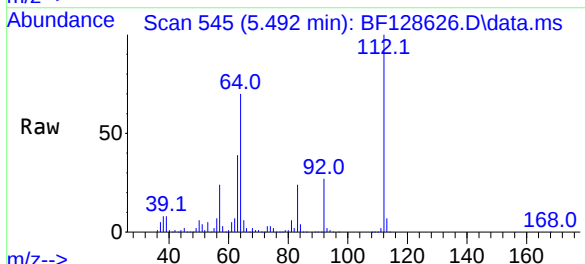
Instrument :
BNA_F
ClientSampleId :
P043-SS001-1218-01

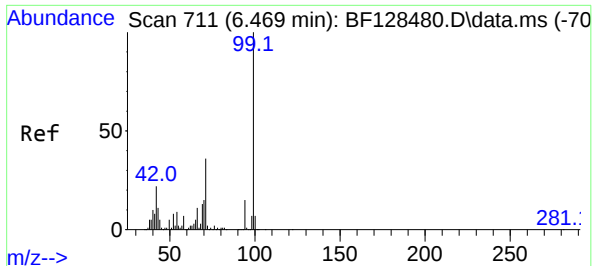
Tgt Ion:152 Resp: 99864
Ion Ratio Lower Upper
152 100
150 155.6 123.7 185.5
115 65.2 49.9 74.9



#5
2-Fluorophenol
Concen: 100.104 ng
RT: 5.492 min Scan# 545
Delta R.T. 0.041 min
Lab File: BF128626.D
Acq: 01 Jun 2022 16:55

Tgt Ion:112 Resp: 603520
Ion Ratio Lower Upper
112 100
64 69.5 53.3 79.9
63 38.7 28.0 42.0

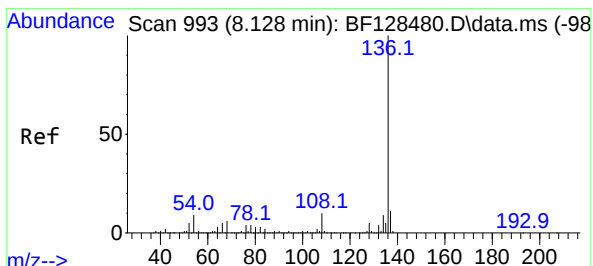
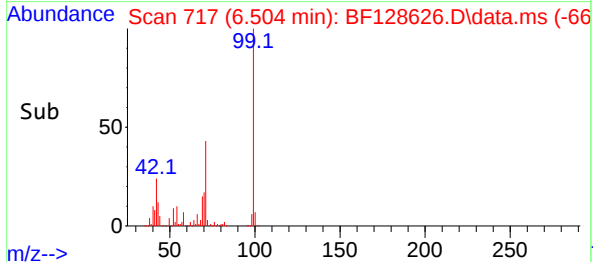
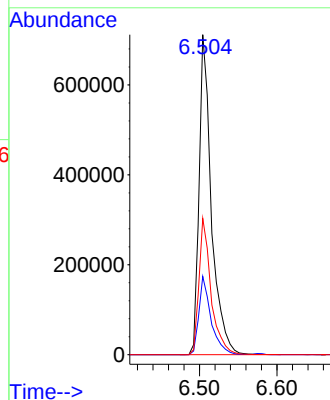
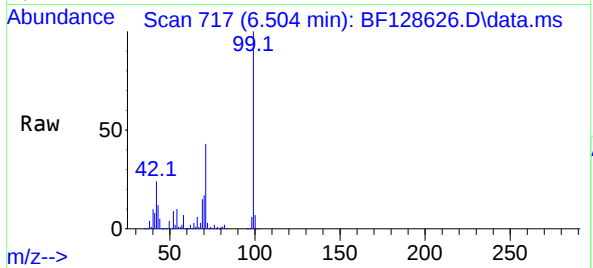




#7
Phenol-d6
Concen: 101.990 ng
RT: 6.504 min Scan# 711
Delta R.T. 0.035 min
Lab File: BF128626.D
Acq: 01 Jun 2022 16:55

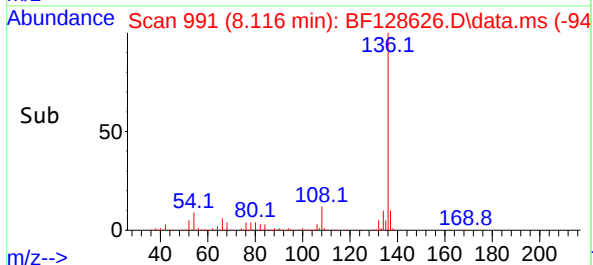
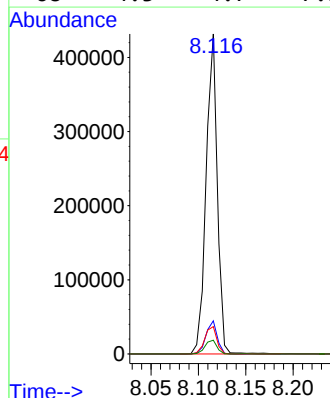
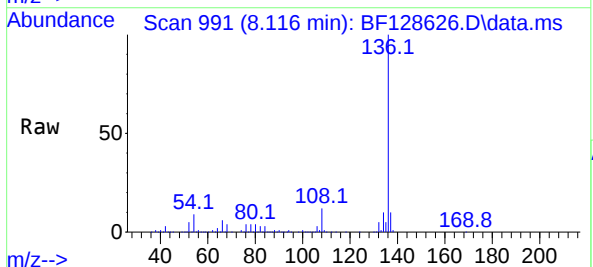
Instrument :
BNA_F
ClientSampleId :
P043-SS001-1218-01

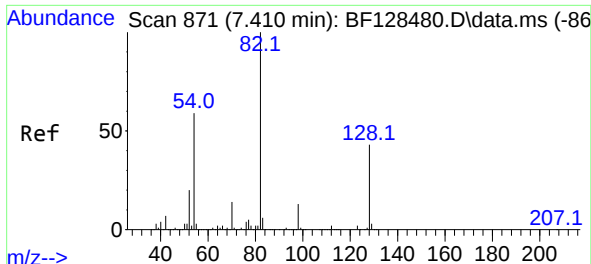
Tgt Ion: 99 Resp: 784009
Ion Ratio Lower Upper
99 100
42 24.4 17.3 25.9
71 42.6 28.9 43.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.116 min Scan# 991
Delta R.T. -0.012 min
Lab File: BF128626.D
Acq: 01 Jun 2022 16:55

Tgt Ion:136 Resp: 355322
Ion Ratio Lower Upper
136 100
137 10.4 8.8 13.2
54 8.6 7.5 11.3
68 4.3 4.7 7.1#





#23

Nitrobenzene-d5

Concen: 89.588 ng

RT: 7.398 min Scan# 8

Delta R.T. -0.012 min

Lab File: BF128626.D

Acq: 01 Jun 2022 16:55

Instrument :

BNA_F

ClientSampleId :

P043-SS001-1218-01

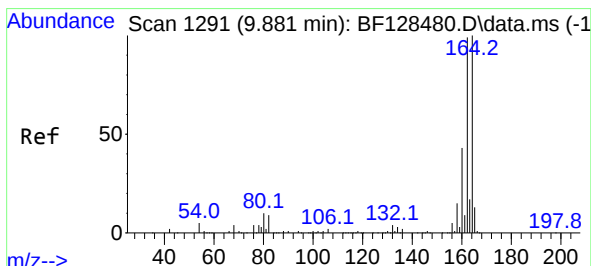
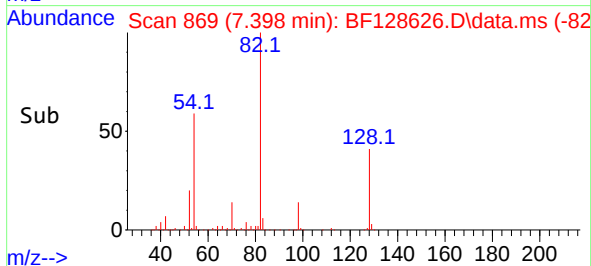
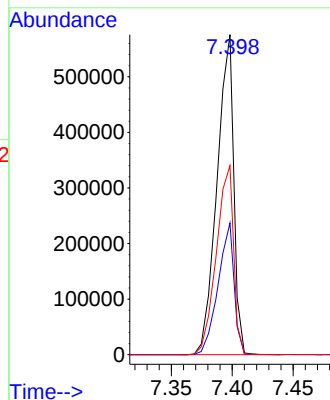
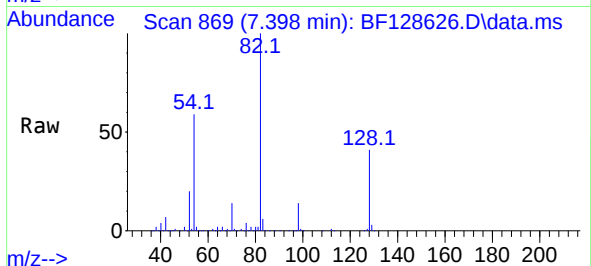
Tgt Ion: 82 Resp: 551803

Ion Ratio Lower Upper

82 100

128 41.1 34.0 51.0

54 59.1 46.9 70.3



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.869 min Scan# 1289

Delta R.T. -0.012 min

Lab File: BF128626.D

Acq: 01 Jun 2022 16:55

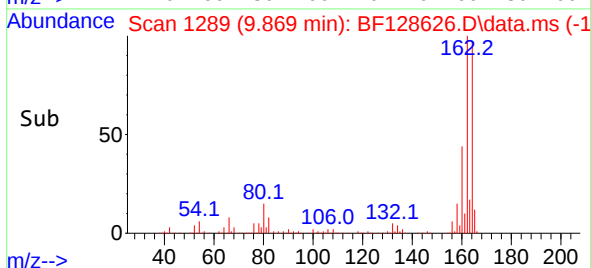
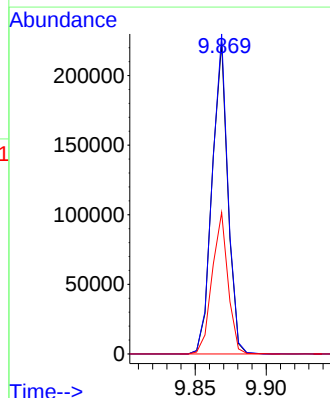
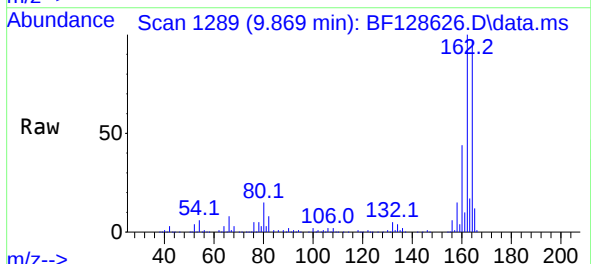
Tgt Ion: 164 Resp: 172701

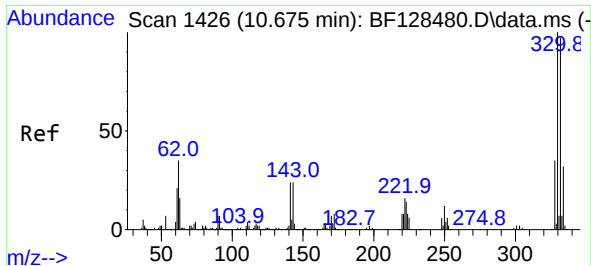
Ion Ratio Lower Upper

164 100

162 102.8 79.5 119.3

160 45.4 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 112.080 ng

RT: 10.663 min Scan# 1426

Delta R.T. -0.012 min

Lab File: BF128626.D

Acq: 01 Jun 2022 16:55

Instrument :

BNA_F

ClientSampleId :

P043-SS001-1218-01

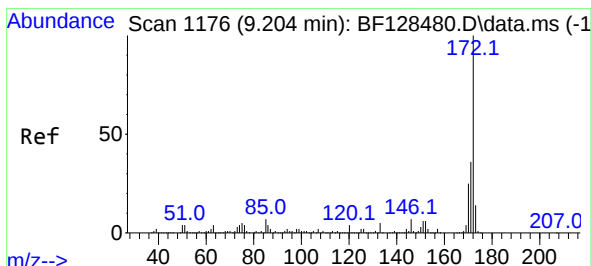
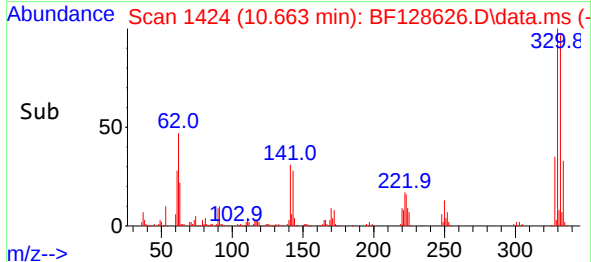
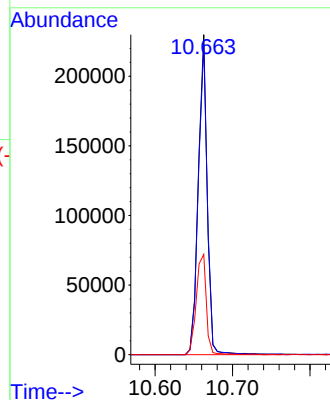
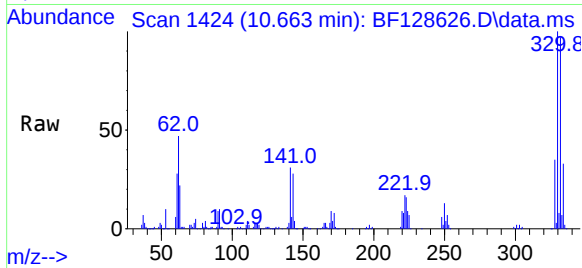
Tgt Ion:330 Resp: 184239

Ion Ratio Lower Upper

330 100

332 98.1 76.8 115.2

141 35.4 28.0 42.0



#45

2-Fluorobiphenyl

Concen: 84.095 ng

RT: 9.192 min Scan# 1174

Delta R.T. -0.012 min

Lab File: BF128626.D

Acq: 01 Jun 2022 16:55

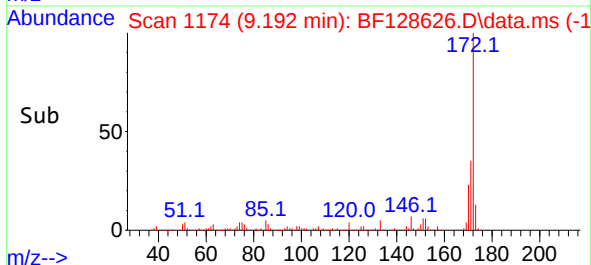
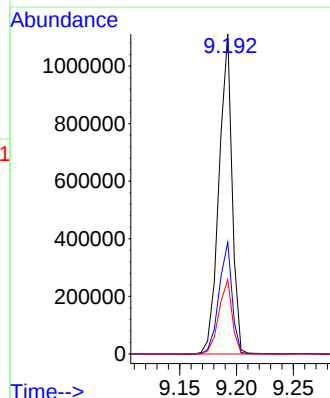
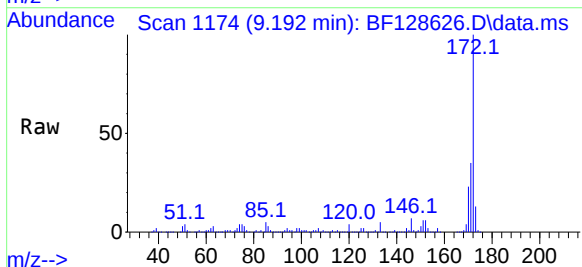
Tgt Ion:172 Resp: 893932

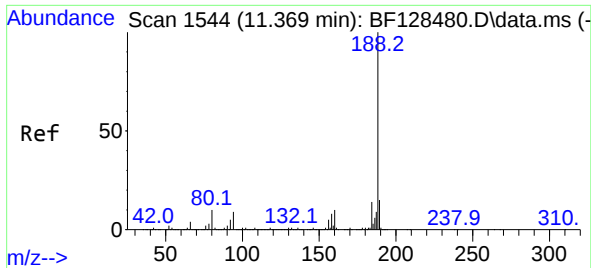
Ion Ratio Lower Upper

172 100

171 34.9 28.8 43.2

170 23.2 19.8 29.8

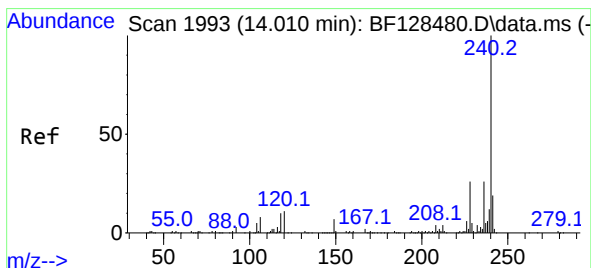
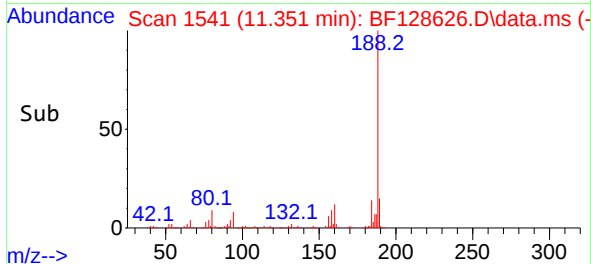
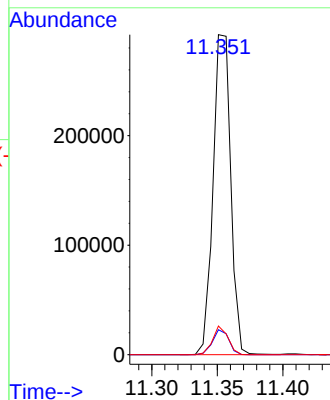
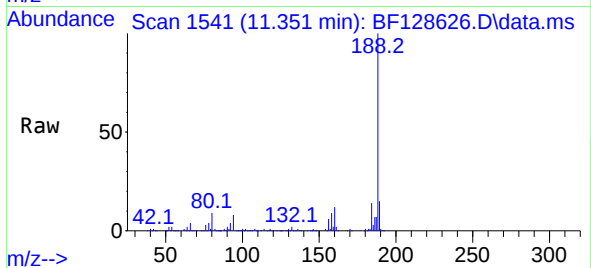




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.351 min Scan# 11
Delta R.T. -0.018 min
Lab File: BF128626.D
Acq: 01 Jun 2022 16:55

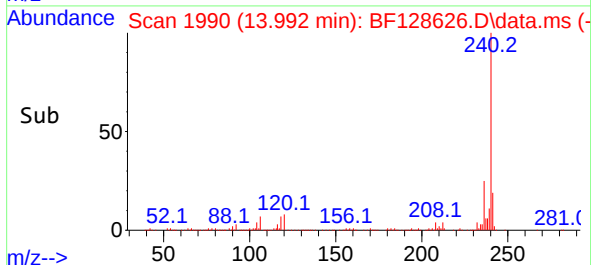
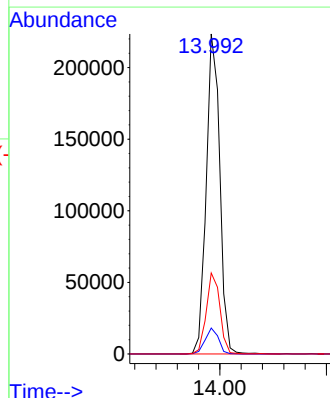
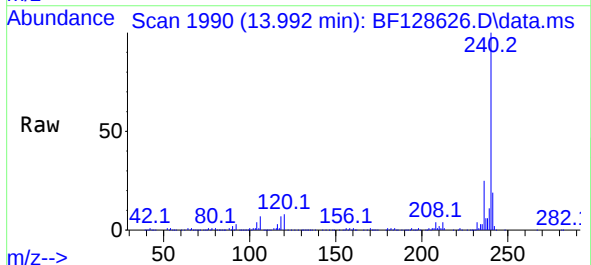
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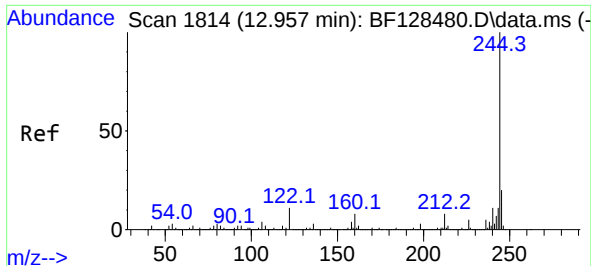
Tgt Ion:188 Resp: 274025
Ion Ratio Lower Upper
188 100
94 7.8 7.0 10.6
80 8.9 7.6 11.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.992 min Scan# 1990
Delta R.T. -0.018 min
Lab File: BF128626.D
Acq: 01 Jun 2022 16:55

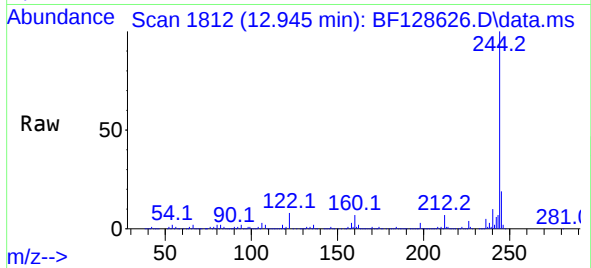
Tgt Ion:240 Resp: 198199
Ion Ratio Lower Upper
240 100
120 8.1 8.9 13.3#
236 25.3 20.8 31.2



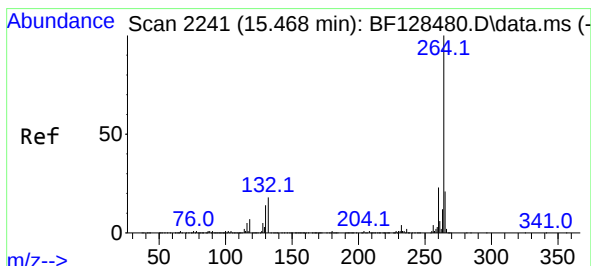
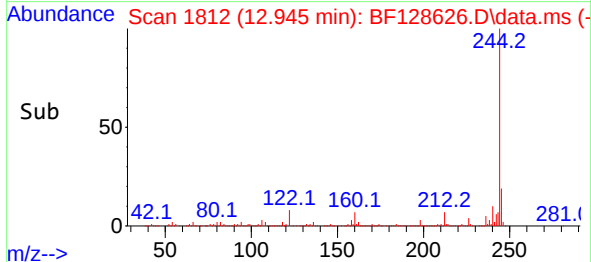
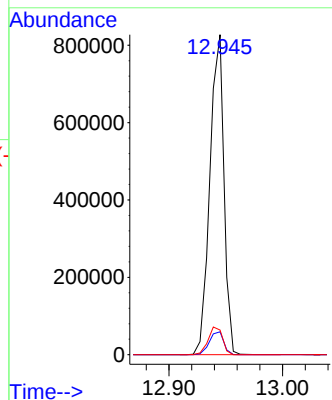


#79
Terphenyl-d14
Concen: 69.317 ng
RT: 12.945 min Scan# 1814
Delta R.T. -0.012 min
Lab File: BF128626.D
Acq: 01 Jun 2022 16:55

Instrument :
BNA_F
ClientSampleId :
P043-SS001-1218-01



Tgt Ion:244 Resp: 711125
Ion Ratio Lower Upper
244 100
212 7.2 6.1 9.1
122 7.7 8.8 13.2#



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.456 min Scan# 2239
Delta R.T. -0.012 min
Lab File: BF128626.D
Acq: 01 Jun 2022 16:55

Tgt Ion:264 Resp: 209576
Ion Ratio Lower Upper
264 100
260 23.9 18.4 27.6
265 21.4 17.2 25.8

