

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060122\
 Data File : BF128627.D
 Acq On : 01 Jun 2022 17:25
 Operator : CG\JU
 Sample : N2953-02
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P043-SS001-1824-01

Quant Time: Jun 02 09:36:54 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	6.834	152	101121	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	365663	20.000	ng	#-0.01
39) Acenaphthene-d10	9.869	164	176407	20.000	ng	-0.01
64) Phenanthrene-d10	11.351	188	262458	20.000	ng	-0.02
76) Chrysene-d12	13.992	240	205772	20.000	ng	#-0.02
86) Perylene-d12	15.457	264	217543	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	531219	87.016	ng	0.04
7) Phenol-d6	6.504	99	667652	85.774	ng	0.04
23) Nitrobenzene-d5	7.398	82	491612	77.558	ng	-0.01
42) 2,4,6-Tribromophenol	10.663	330	156275	93.071	ng	-0.01
45) 2-Fluorobiphenyl	9.192	172	783313	72.140	ng	-0.01
79) Terphenyl-d14	12.939	244	606244	56.919	ng	-0.02

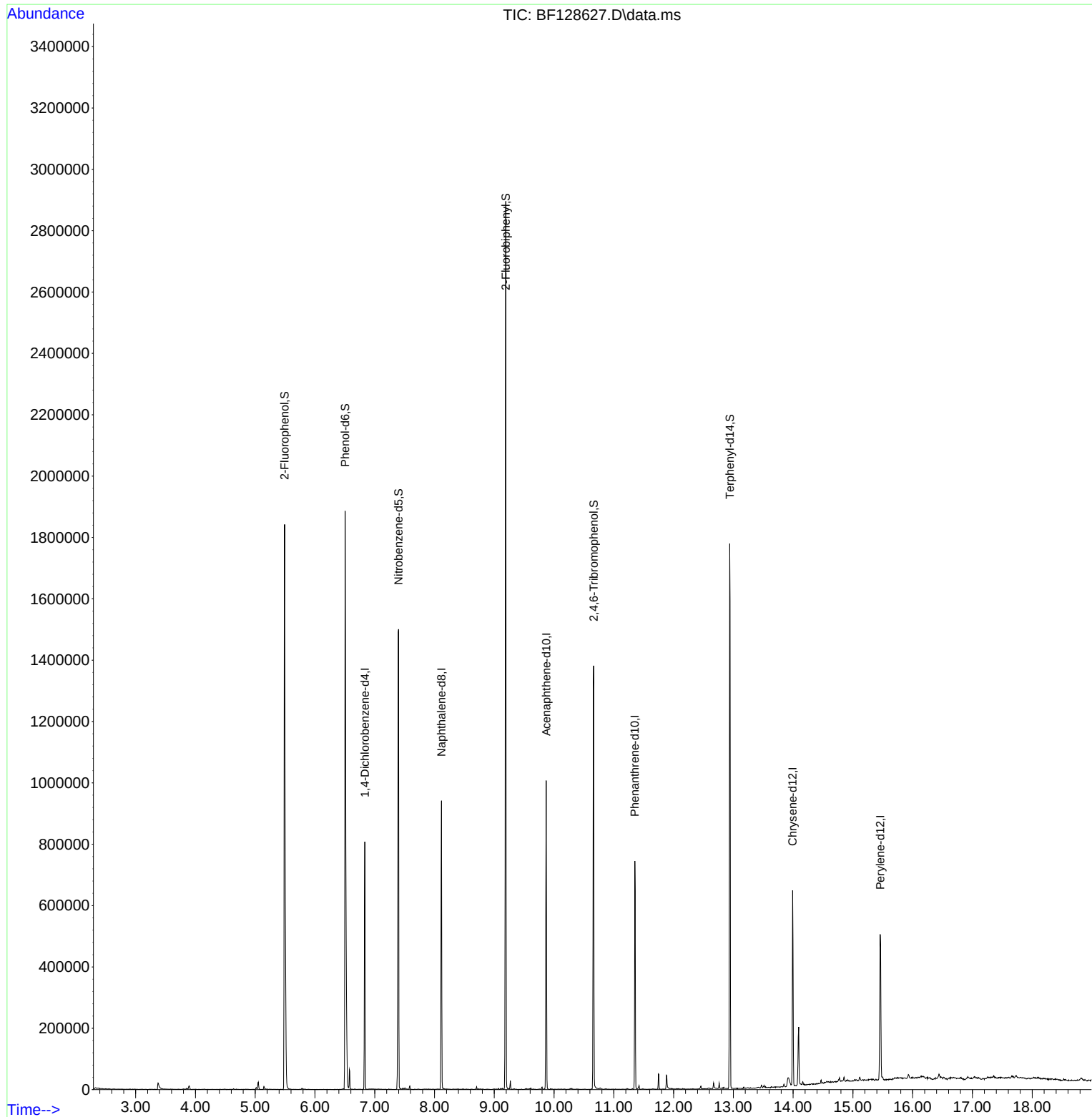
Target Compounds	Qvalue

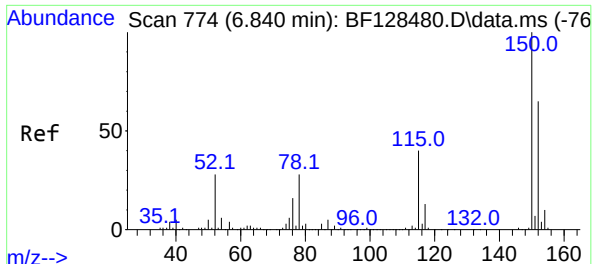
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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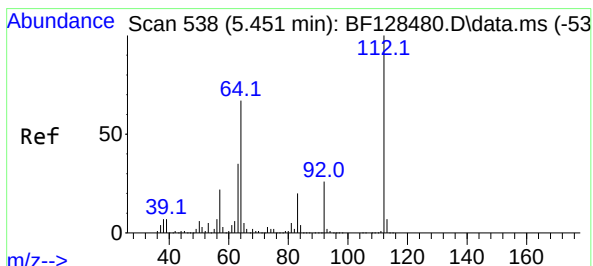
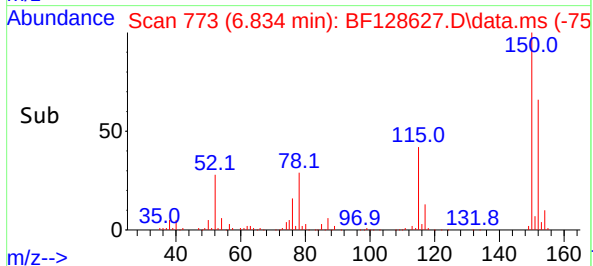
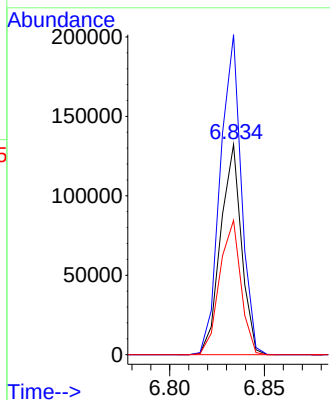
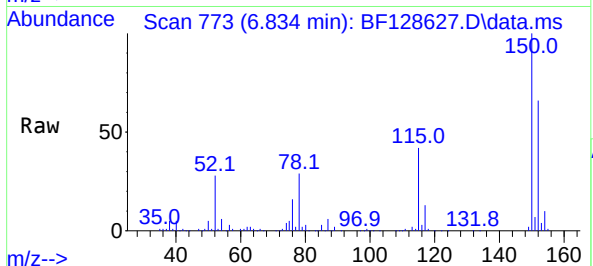




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.834 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF128627.D
Acq: 01 Jun 2022 17:25

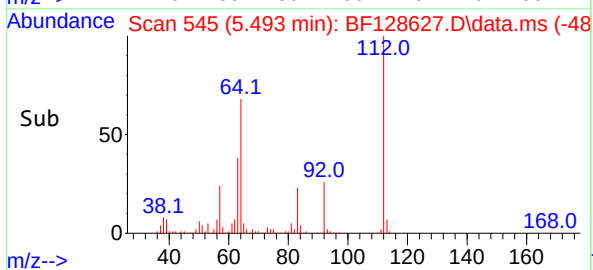
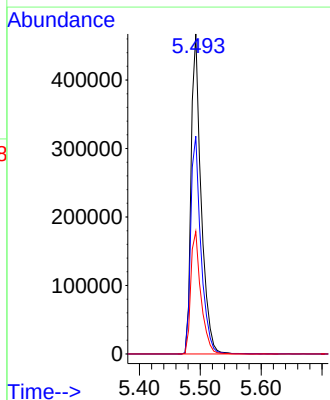
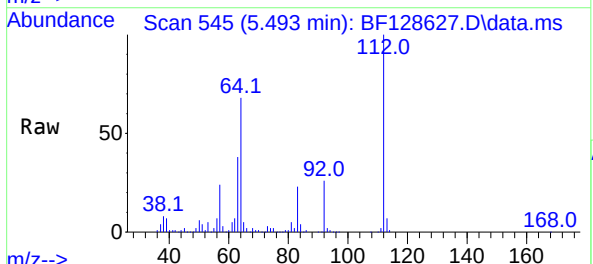
Instrument :
BNA_F
ClientSampleId :
P043-SS001-1824-01

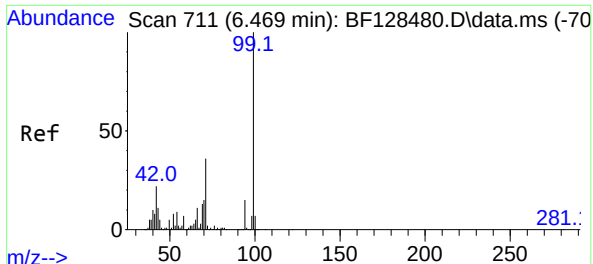
Tgt Ion:152 Resp: 101121
Ion Ratio Lower Upper
152 100
150 152.2 123.7 185.5
115 64.0 49.9 74.9



#5
2-Fluorophenol
Concen: 87.016 ng
RT: 5.493 min Scan# 545
Delta R.T. 0.041 min
Lab File: BF128627.D
Acq: 01 Jun 2022 17:25

Tgt Ion:112 Resp: 531219
Ion Ratio Lower Upper
112 100
64 68.1 53.3 79.9
63 38.2 28.0 42.0

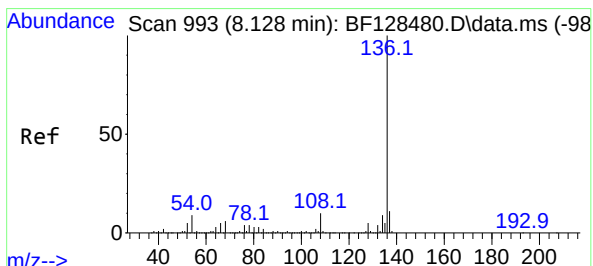
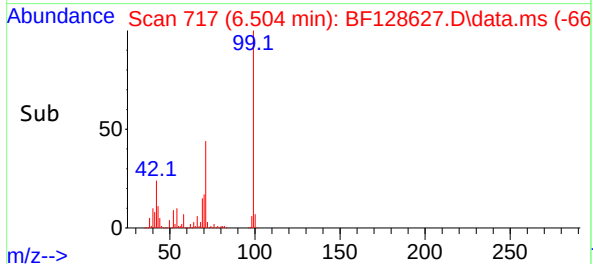
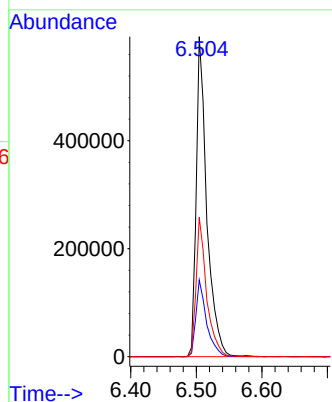
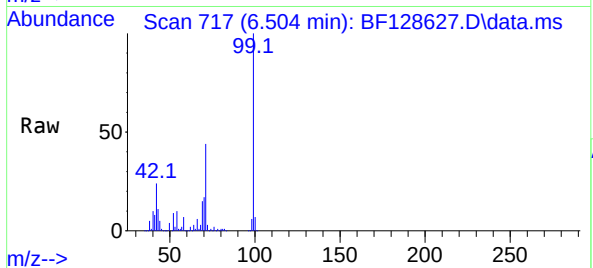




#7
Phenol-d6
Concen: 85.774 ng
RT: 6.504 min Scan# 711
Delta R.T. 0.035 min
Lab File: BF128627.D
Acq: 01 Jun 2022 17:25

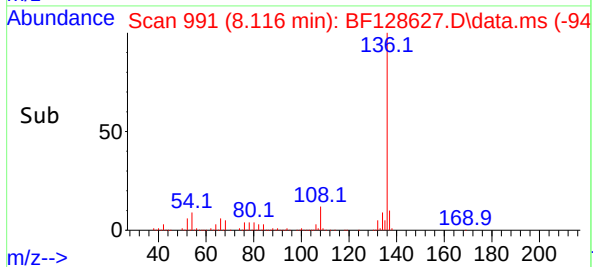
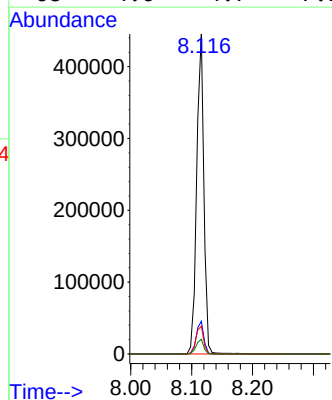
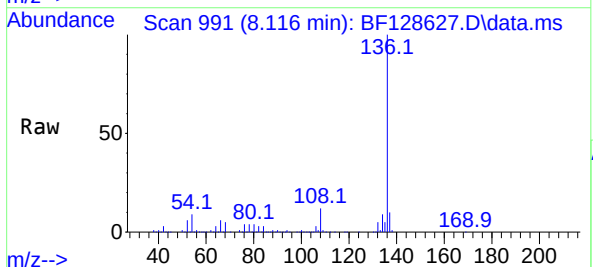
Instrument :
BNA_F
ClientSampleId :
P043-SS001-1824-01

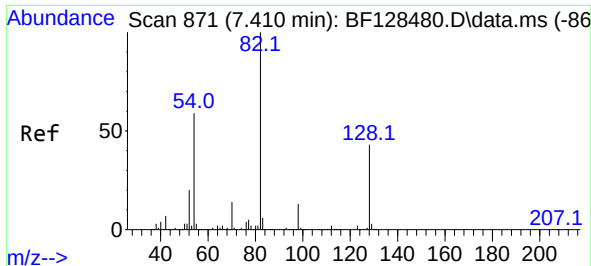
Tgt Ion: 99 Resp: 667652
Ion Ratio Lower Upper
99 100
42 24.0 17.3 25.9
71 43.5 28.9 43.3#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.116 min Scan# 991
Delta R.T. -0.012 min
Lab File: BF128627.D
Acq: 01 Jun 2022 17:25

Tgt Ion: 136 Resp: 365663
Ion Ratio Lower Upper
136 100
137 10.2 8.8 13.2
54 8.7 7.5 11.3
68 4.6 4.7 7.1#





#23

Nitrobenzene-d5

Concen: 77.558 ng

RT: 7.398 min Scan# 8

Delta R.T. -0.012 min

Lab File: BF128627.D

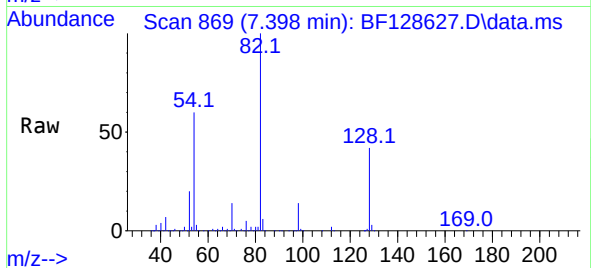
Acq: 01 Jun 2022 17:25

Instrument :

BNA_F

ClientSampleId :

P043-SS001-1824-01



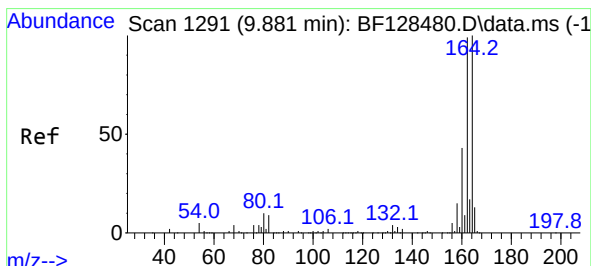
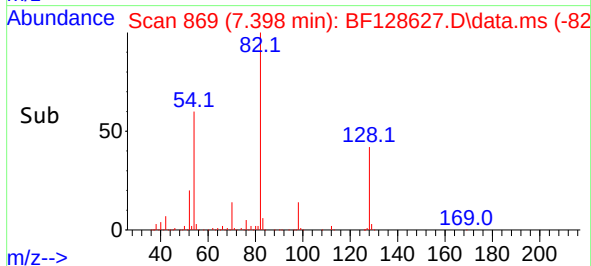
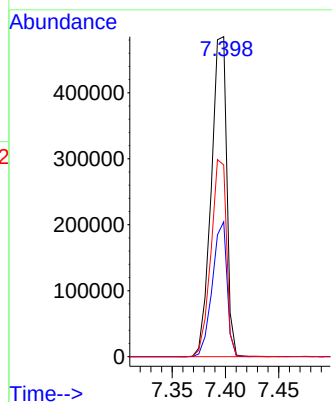
Tgt Ion: 82 Resp: 491612

Ion Ratio Lower Upper

82 100

128 42.2 34.0 51.0

54 59.9 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: BF128627.D

Acq: 01 Jun 2022 17:25

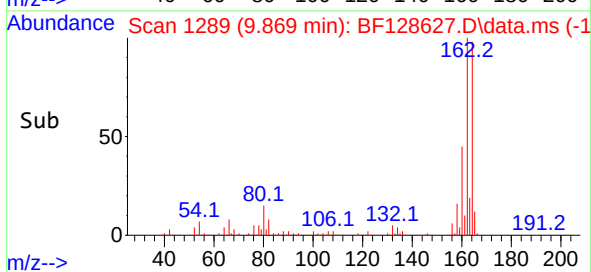
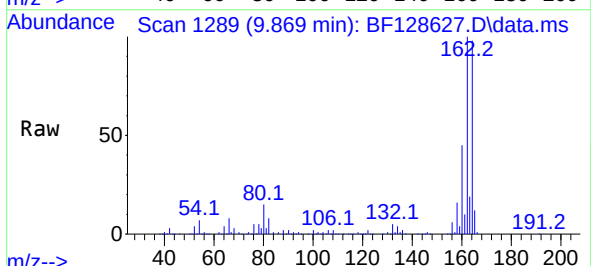
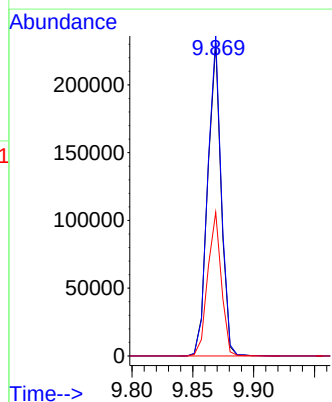
Tgt Ion: 164 Resp: 176407

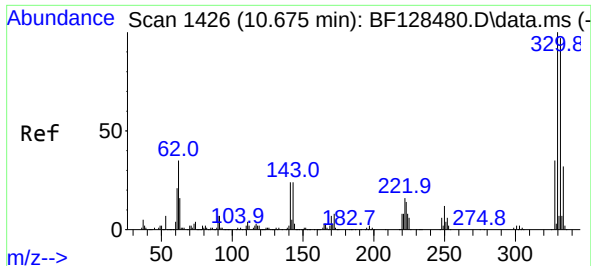
Ion Ratio Lower Upper

164 100

162 102.2 79.5 119.3

160 45.9 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 93.071 ng

RT: 10.663 min Scan# 1426

Delta R.T. -0.012 min

Lab File: BF128627.D

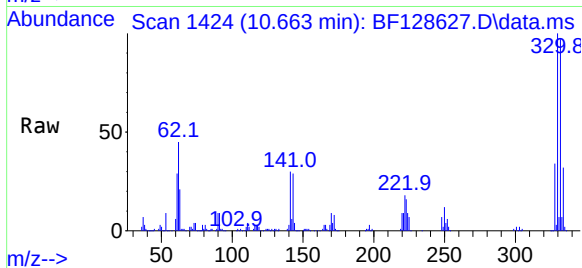
Acq: 01 Jun 2022 17:25

Instrument :

BNA_F

ClientSampleId :

P043-SS001-1824-01



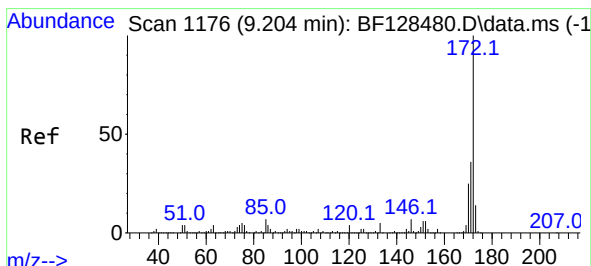
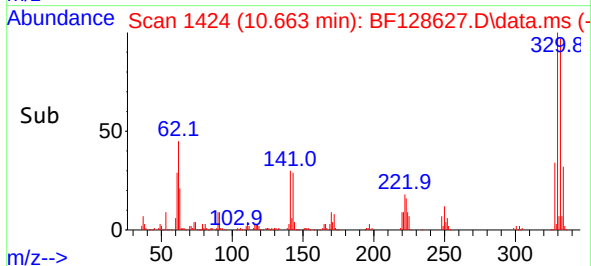
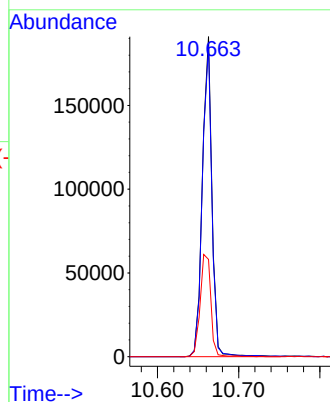
Tgt Ion:330 Resp: 156275

Ion Ratio Lower Upper

330 100

332 97.4 76.8 115.2

141 36.1 28.0 42.0



#45

2-Fluorobiphenyl

Concen: 72.140 ng

RT: 9.192 min Scan# 1174

Delta R.T. -0.012 min

Lab File: BF128627.D

Acq: 01 Jun 2022 17:25

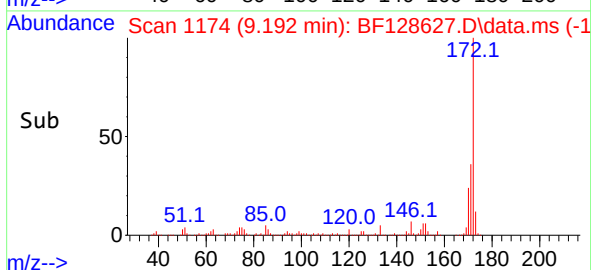
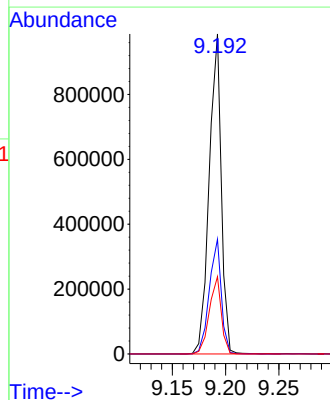
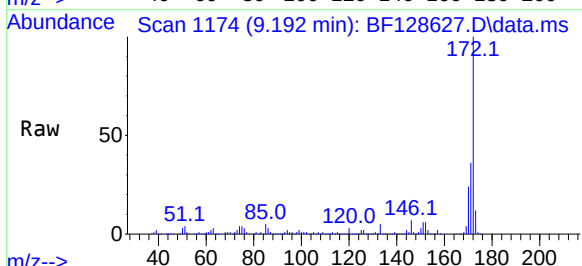
Tgt Ion:172 Resp: 783313

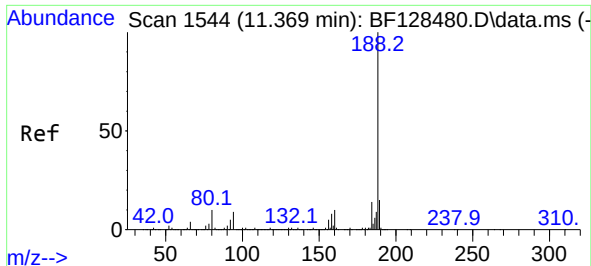
Ion Ratio Lower Upper

172 100

171 35.8 28.8 43.2

170 24.2 19.8 29.8

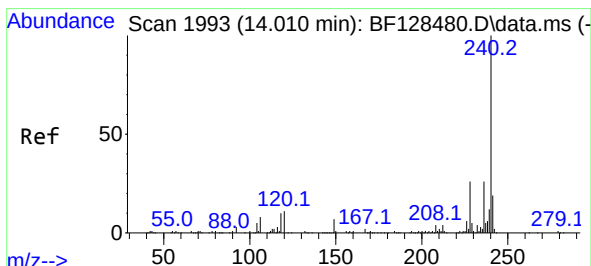
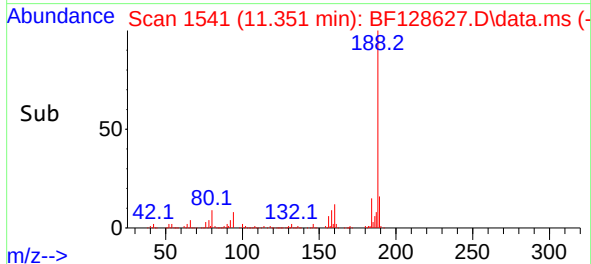
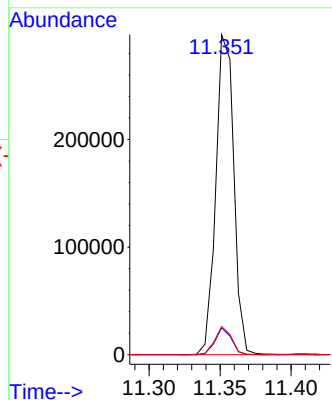
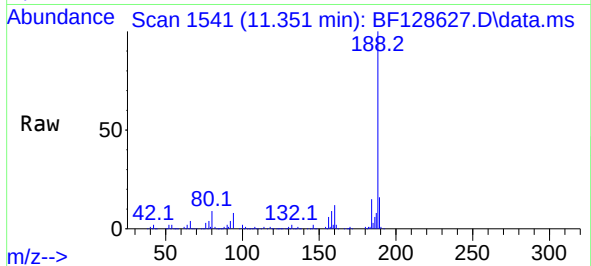




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.351 min Scan# 11
Delta R.T. -0.018 min
Lab File: BF128627.D
Acq: 01 Jun 2022 17:25

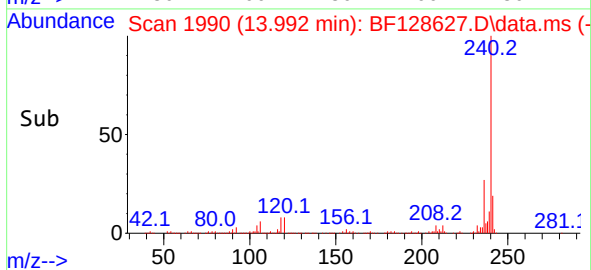
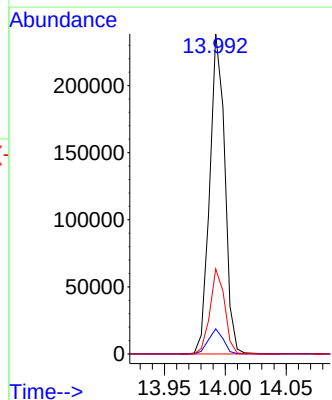
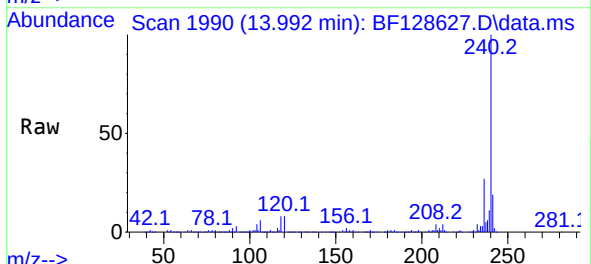
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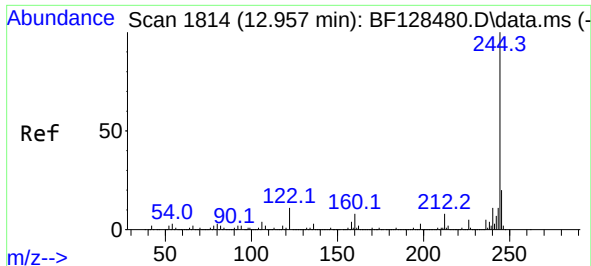
Tgt Ion:188 Resp: 262458
Ion Ratio Lower Upper
188 100
94 8.4 7.0 10.6
80 8.8 7.6 11.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.992 min Scan# 1990
Delta R.T. -0.018 min
Lab File: BF128627.D
Acq: 01 Jun 2022 17:25

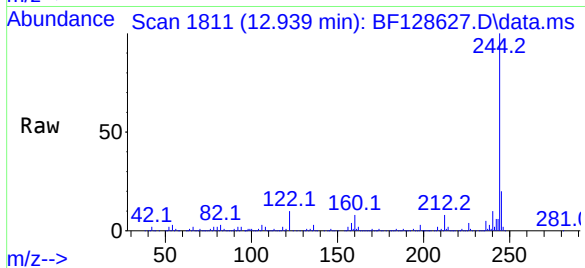
Tgt Ion:240 Resp: 205772
Ion Ratio Lower Upper
240 100
120 7.9 8.9 13.3#
236 26.6 20.8 31.2



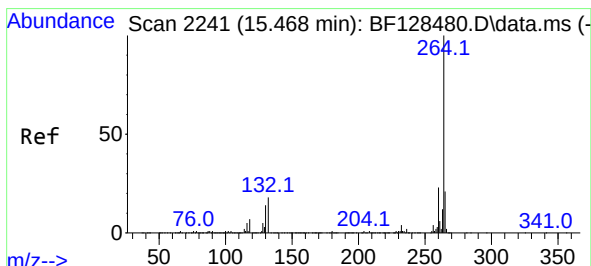
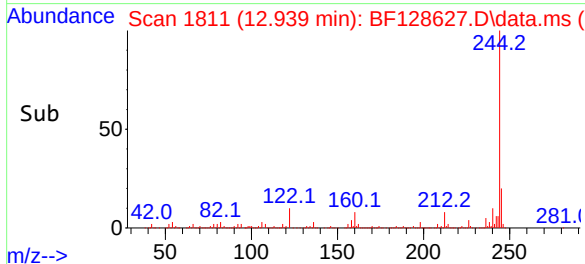
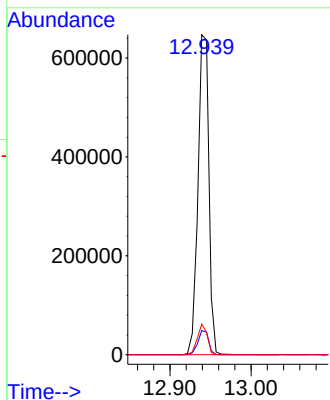


#79
 Terphenyl-d14
 Concen: 56.919 ng
 RT: 12.939 min Scan# 11
 Delta R.T. -0.018 min
 Lab File: BF128627.D
 Acq: 01 Jun 2022 17:25

Instrument :
 BNA_F
 ClientSampleId :
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Tgt Ion:244 Resp: 606244
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.1 9.1
 122 9.5 8.8 13.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.457 min Scan# 2239
 Delta R.T. -0.012 min
 Lab File: BF128627.D
 Acq: 01 Jun 2022 17:25

Tgt Ion:264 Resp: 217543
 Ion Ratio Lower Upper
 264 100
 260 23.9 18.4 27.6
 265 21.3 17.2 25.8

