

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060122\
 Data File : BF128625.D
 Acq On : 01 Jun 2022 16:25
 Operator : CG\JU
 Sample : N2953-10
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P044-SS001-1824-01

Quant Time: Jun 02 09:36:38 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	86055	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	333427	20.000	ng	-0.01
39) Acenaphthene-d10	9.869	164	155127	20.000	ng	-0.01
64) Phenanthrene-d10	11.357	188	250486	20.000	ng	#-0.01
76) Chrysene-d12	13.992	240	191931	20.000	ng	#-0.02
86) Perylene-d12	15.463	264	202921	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	611921	117.784	ng	0.04
7) Phenol-d6	6.504	99	767209	115.820	ng	0.04
23) Nitrobenzene-d5	7.398	82	534278	92.439	ng	-0.01
42) 2,4,6-Tribromophenol	10.663	330	186180	126.092	ng	-0.01
45) 2-Fluorobiphenyl	9.192	172	883029	92.480	ng	-0.01
79) Terphenyl-d14	12.945	244	733648	73.848	ng	-0.01

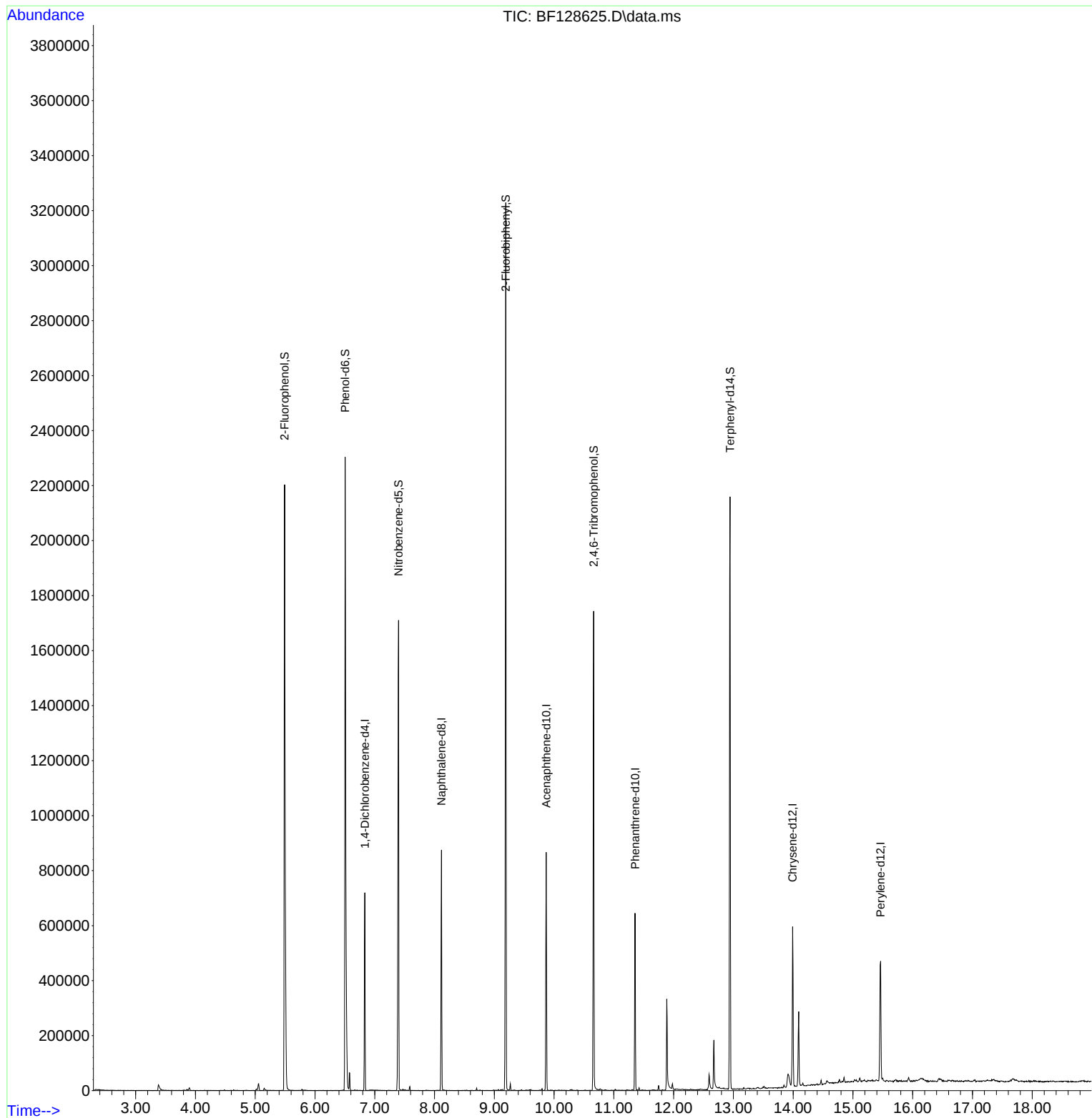
Target Compounds	Qvalue

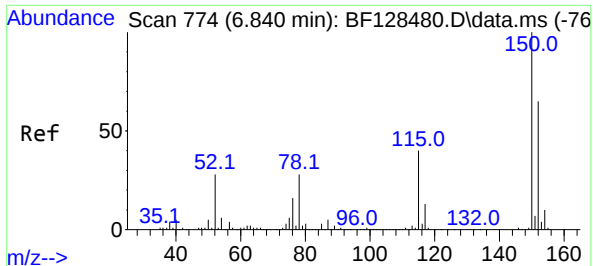
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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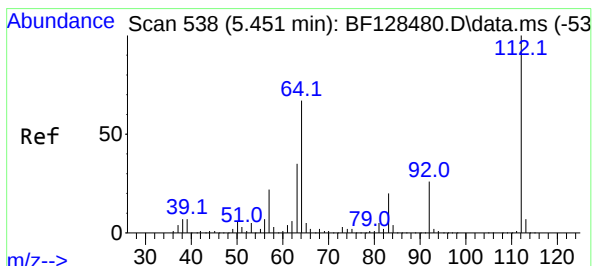
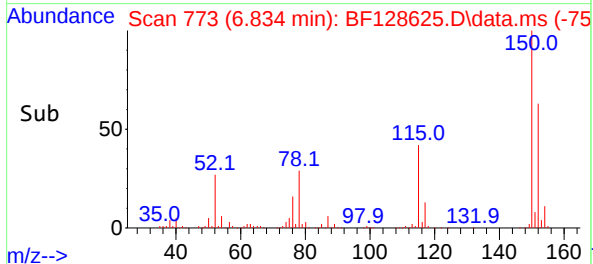
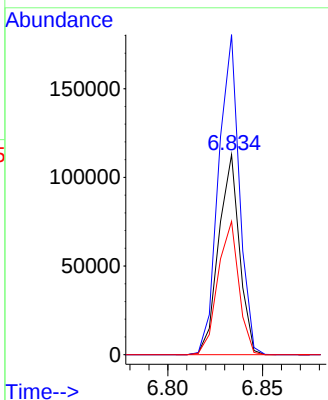
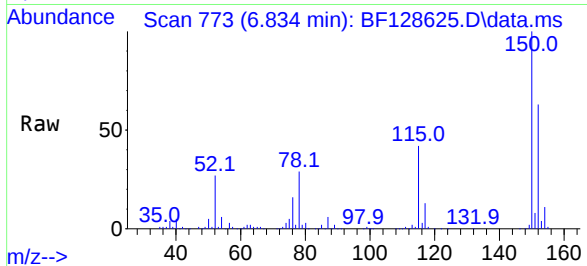




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.834 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF128625.D
Acq: 01 Jun 2022 16:25

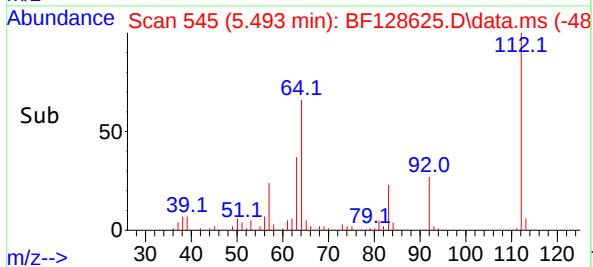
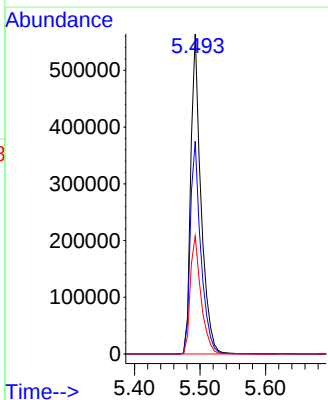
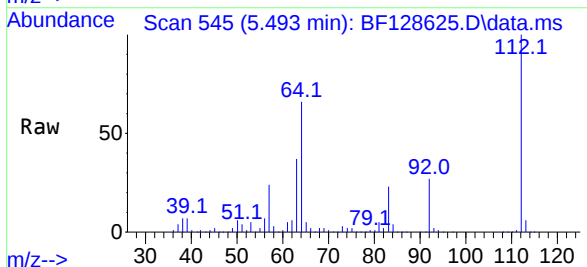
Instrument :
BNA_F
ClientSampleId :
P044-SS001-1824-01

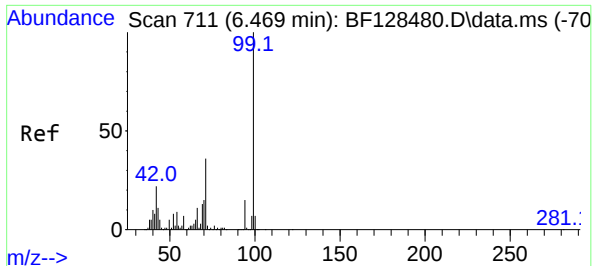
Tgt Ion:152 Resp: 86055
Ion Ratio Lower Upper
152 100
150 160.0 123.7 185.5
115 66.7 49.9 74.9



#5
2-Fluorophenol
Concen: 117.784 ng
RT: 5.493 min Scan# 545
Delta R.T. 0.041 min
Lab File: BF128625.D
Acq: 01 Jun 2022 16:25

Tgt Ion:112 Resp: 611921
Ion Ratio Lower Upper
112 100
64 66.5 53.3 79.9
63 36.9 28.0 42.0

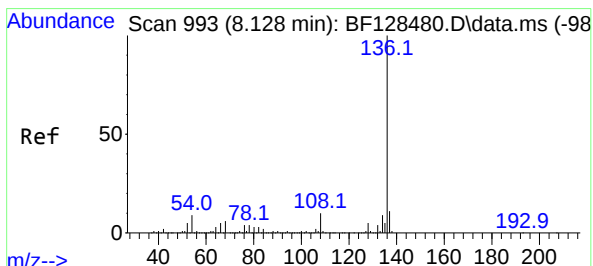
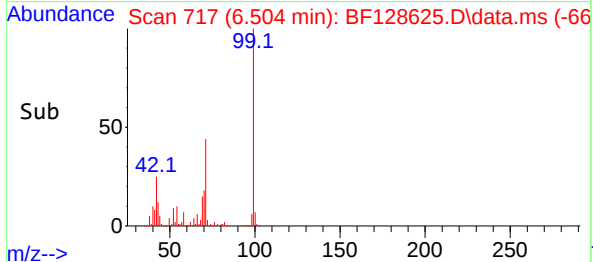
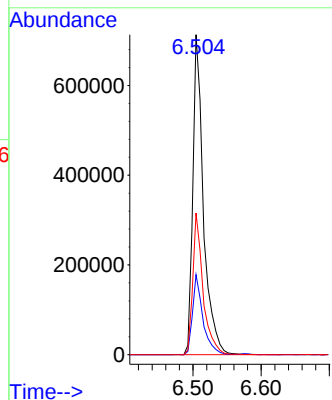
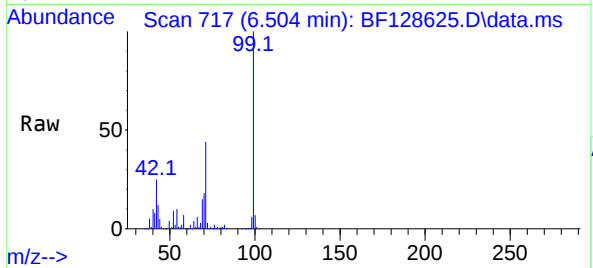




#7
Phenol-d6
Concen: 115.820 ng
RT: 6.504 min Scan# 711
Delta R.T. 0.035 min
Lab File: BF128625.D
Acq: 01 Jun 2022 16:25

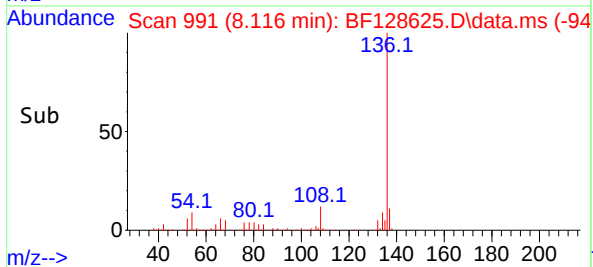
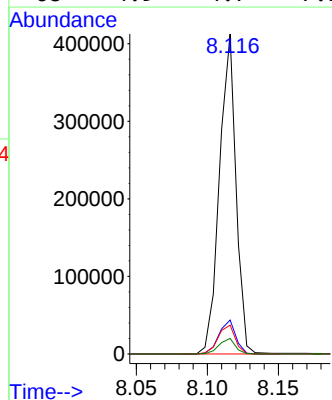
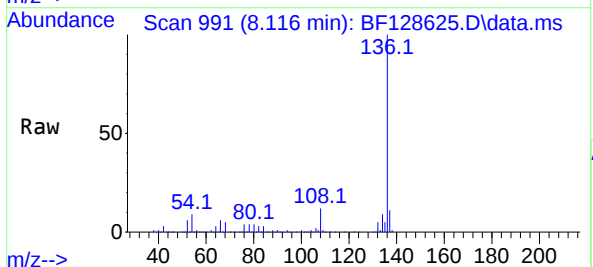
Instrument :
BNA_F
ClientSampleId :
P044-SS001-1824-01

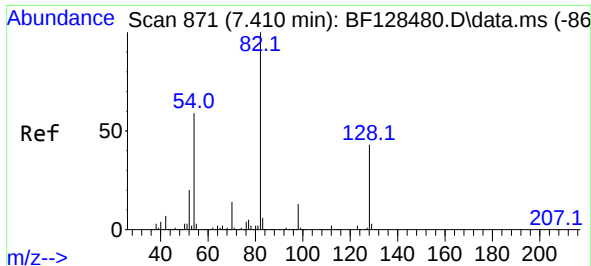
Tgt Ion: 99 Resp: 767209
Ion Ratio Lower Upper
99 100
42 25.0 17.3 25.9
71 44.3 28.9 43.3#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.116 min Scan# 991
Delta R.T. -0.012 min
Lab File: BF128625.D
Acq: 01 Jun 2022 16:25

Tgt Ion: 136 Resp: 333427
Ion Ratio Lower Upper
136 100
137 10.6 8.8 13.2
54 9.0 7.5 11.3
68 4.9 4.7 7.1

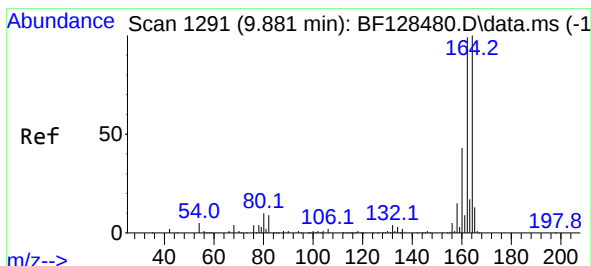
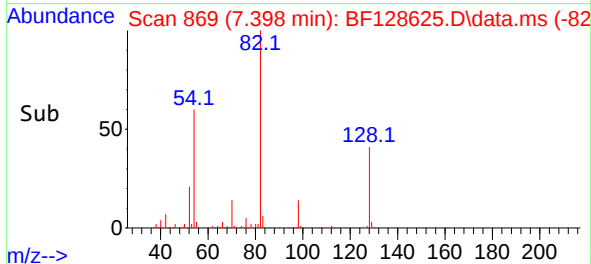
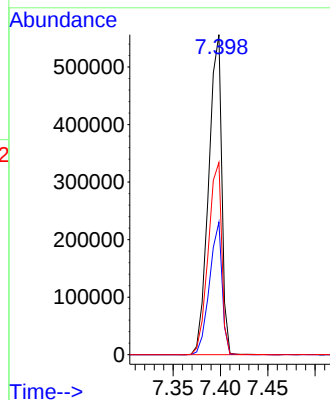
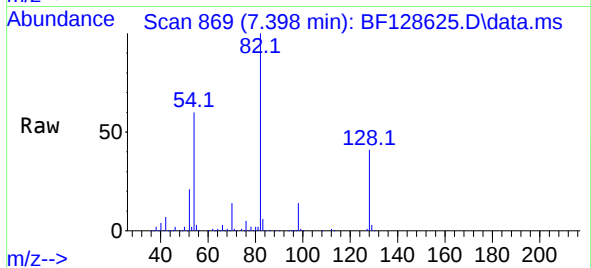




#23
Nitrobenzene-d5
Concen: 92.439 ng
RT: 7.398 min Scan# 80
Delta R.T. -0.012 min
Lab File: BF128625.D
Acq: 01 Jun 2022 16:25

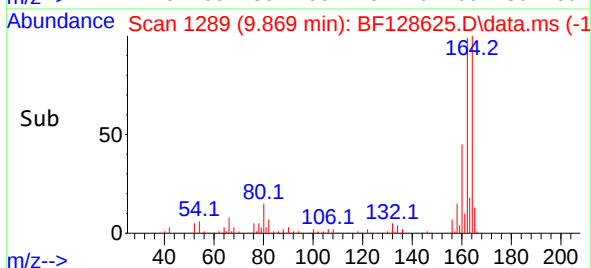
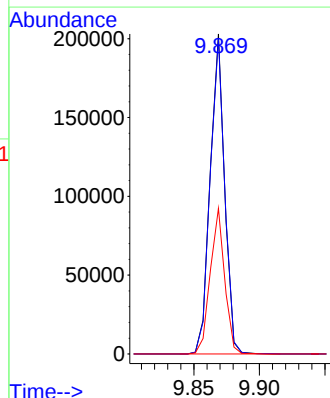
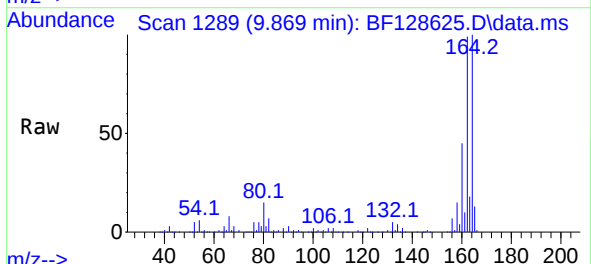
Instrument :
BNA_F
ClientSampleId :
P044-SS001-1824-01

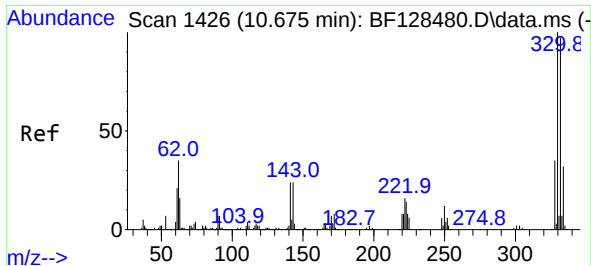
Tgt Ion: 82 Resp: 534278
Ion Ratio Lower Upper
82 100
128 41.4 34.0 51.0
54 60.0 46.9 70.3



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.869 min Scan# 1289
Delta R.T. -0.012 min
Lab File: BF128625.D
Acq: 01 Jun 2022 16:25

Tgt Ion: 164 Resp: 155127
Ion Ratio Lower Upper
164 100
162 98.6 79.5 119.3
160 45.5 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 126.092 ng

RT: 10.663 min Scan# 1424

Delta R.T. -0.012 min

Lab File: BF128625.D

Acq: 01 Jun 2022 16:25

Instrument :

BNA_F

ClientSampleId :

P044-SS001-1824-01

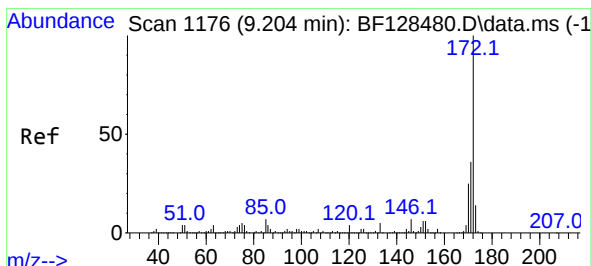
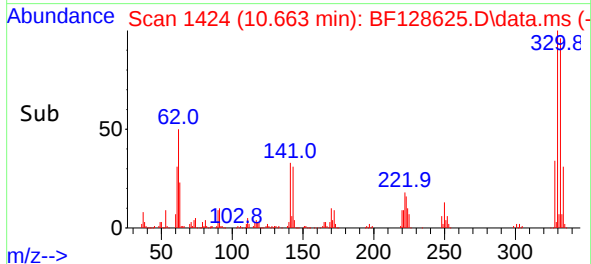
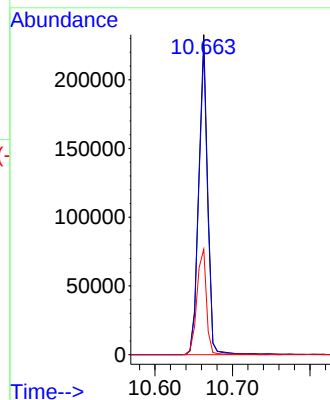
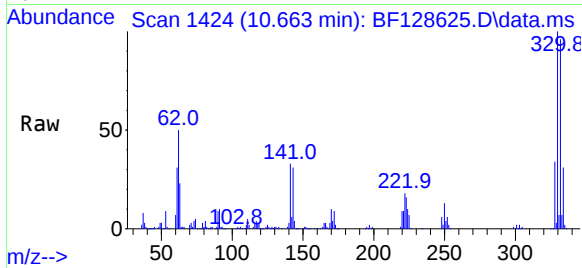
Tgt Ion:330 Resp: 186180

Ion Ratio Lower Upper

330 100

332 95.3 76.8 115.2

141 35.1 28.0 42.0



#45

2-Fluorobiphenyl

Concen: 92.480 ng

RT: 9.192 min Scan# 1174

Delta R.T. -0.012 min

Lab File: BF128625.D

Acq: 01 Jun 2022 16:25

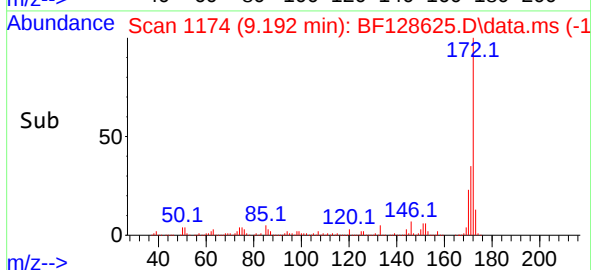
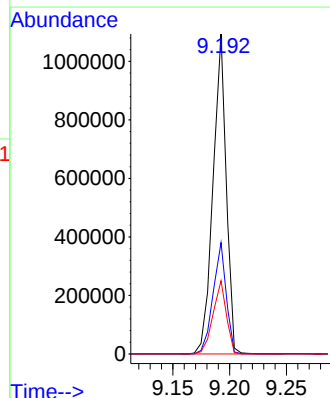
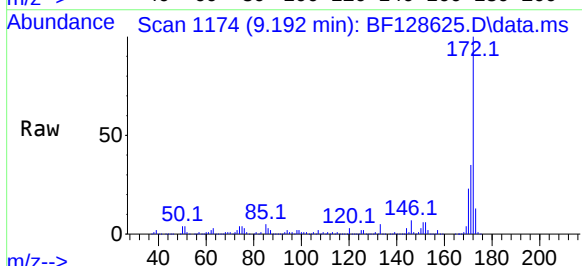
Tgt Ion:172 Resp: 883029

Ion Ratio Lower Upper

172 100

171 34.8 28.8 43.2

170 22.9 19.8 29.8

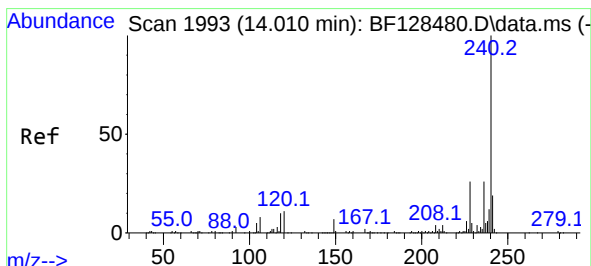
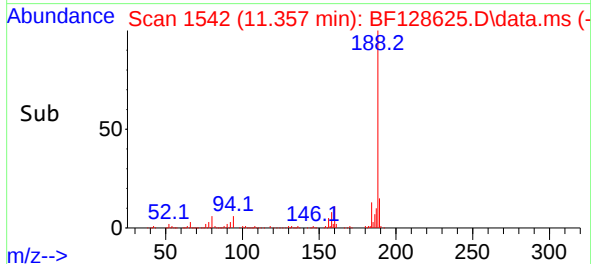
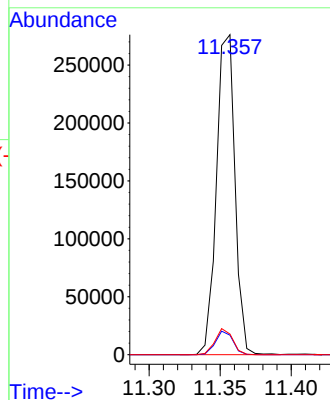
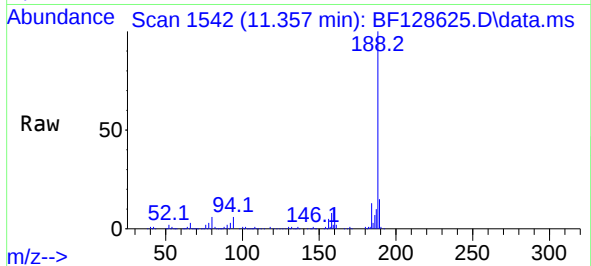




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.357 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF128625.D
Acq: 01 Jun 2022 16:25

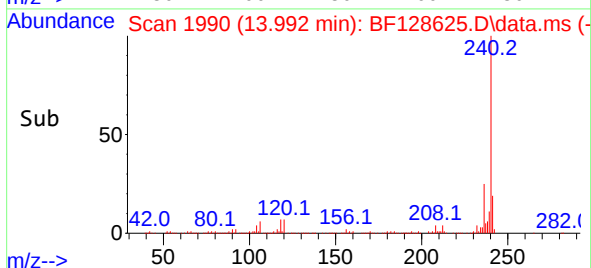
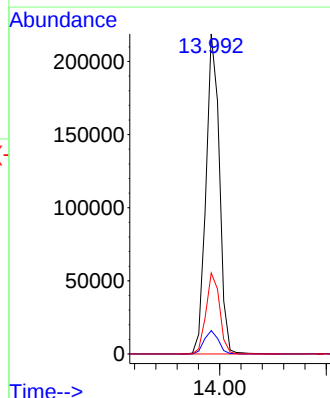
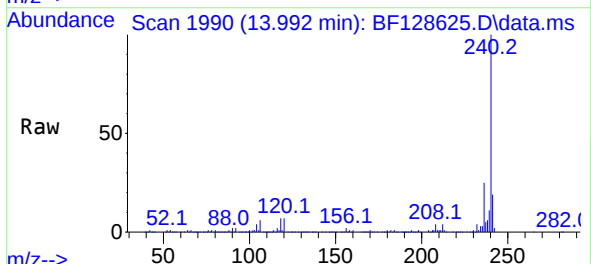
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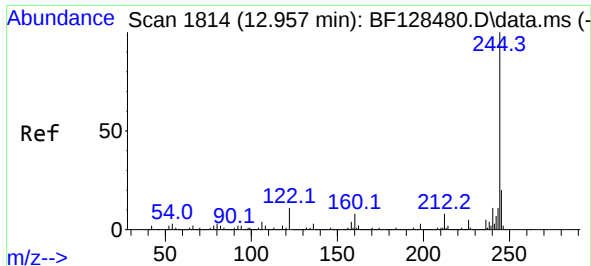
Tgt Ion:188 Resp: 250486
Ion Ratio Lower Upper
188 100
94 6.1 7.0 10.6#
80 6.5 7.6 11.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.992 min Scan# 1990
Delta R.T. -0.018 min
Lab File: BF128625.D
Acq: 01 Jun 2022 16:25

Tgt Ion:240 Resp: 191931
Ion Ratio Lower Upper
240 100
120 7.3 8.9 13.3#
236 25.3 20.8 31.2

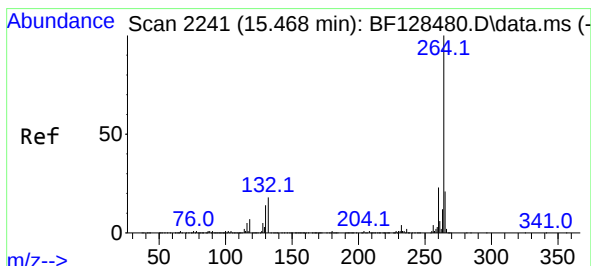
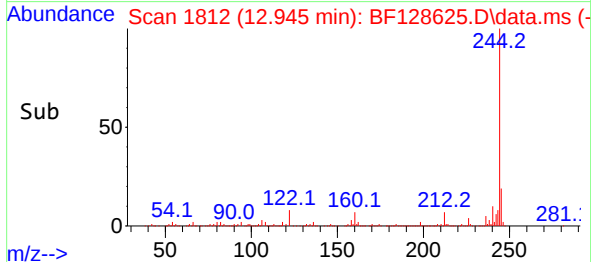
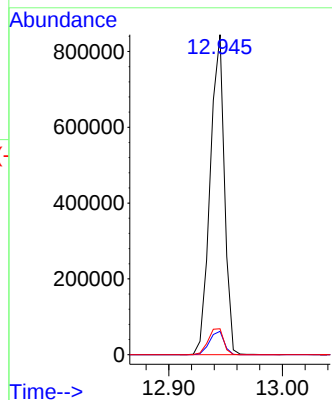
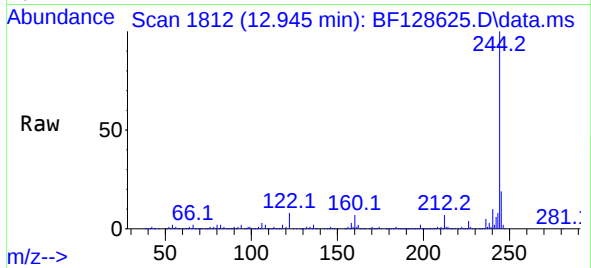




#79
 Terphenyl-d14
 Concen: 73.848 ng
 RT: 12.945 min Scan# 1814
 Delta R.T. -0.012 min
 Lab File: BF128625.D
 Acq: 01 Jun 2022 16:25

Instrument :
 BNA_F
 ClientSampleId :
 P044-SS001-1824-01

Tgt Ion:244 Resp: 733648
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.1 9.1
 122 8.1 8.8 13.2#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.463 min Scan# 2240
 Delta R.T. -0.006 min
 Lab File: BF128625.D
 Acq: 01 Jun 2022 16:25

Tgt Ion:264 Resp: 202921
 Ion Ratio Lower Upper
 264 100
 260 23.1 18.4 27.6
 265 20.6 17.2 25.8

