

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF053122\
 Data File : BF128614.D
 Acq On : 01 Jun 2022 01:06
 Operator : CG\JU
 Sample : N2952-15 5X
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P037-SS002-0006-01

Quant Time: Jun 01 02:19:02 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	6.846	152	97666	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	334666	20.000	ng	# 0.00
39) Acenaphthene-d10	9.887	164	163694	20.000	ng	0.00
64) Phenanthrene-d10	11.369	188	258065	20.000	ng	0.00
76) Chrysene-d12	14.016	240	196709	20.000	ng	# 0.00
86) Perylene-d12	15.486	264	141334	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	106219	18.015	ng	0.07
7) Phenol-d6	6.546	99	126121	16.776	ng	0.08
23) Nitrobenzene-d5	7.404	82	89625	15.449	ng	0.00
42) 2,4,6-Tribromophenol	10.681	330	28368	18.207	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	166647	16.540	ng	0.00
79) Terphenyl-d14	12.957	244	153336	15.060	ng	0.00

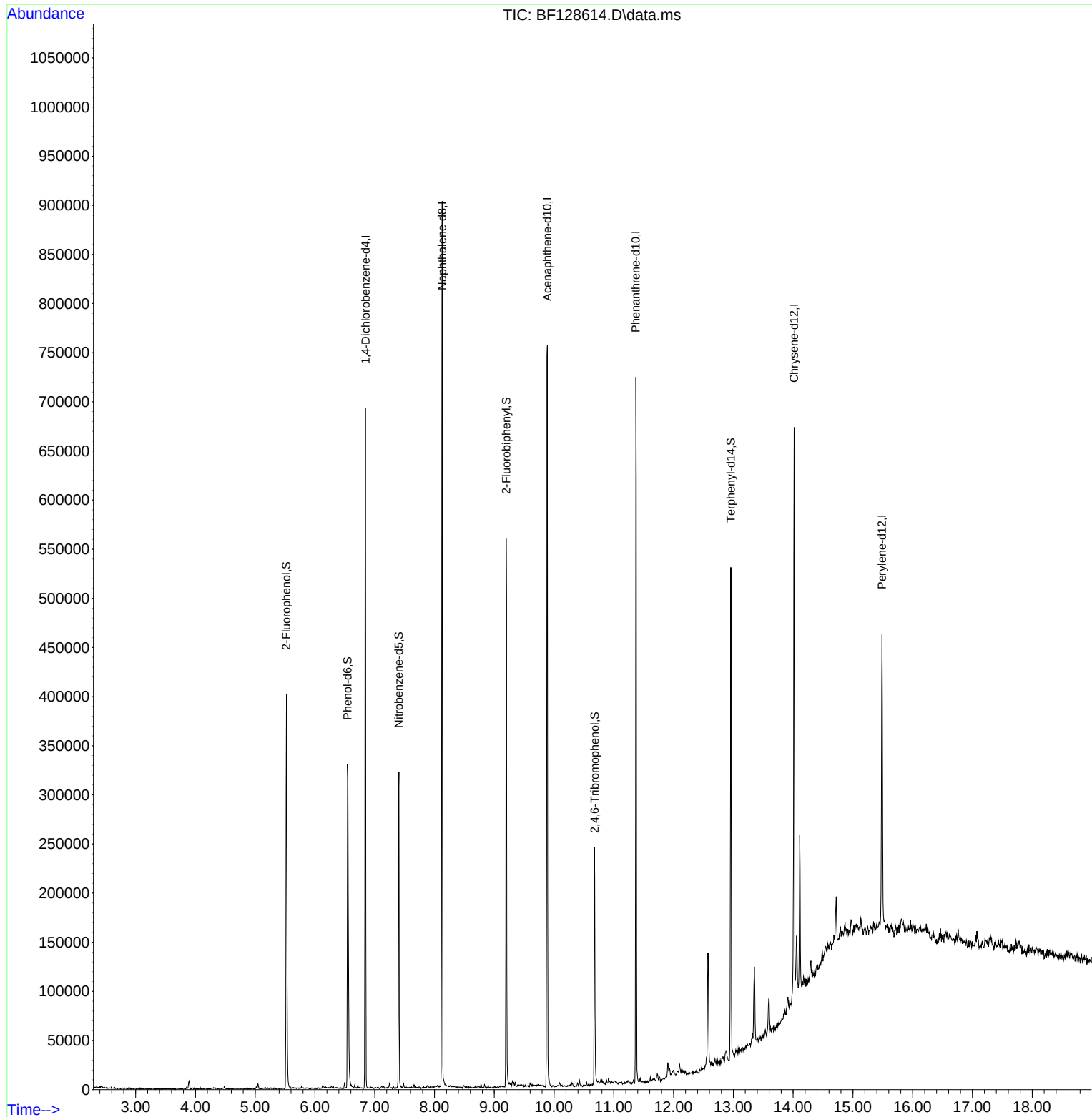
Target Compounds	Qvalue

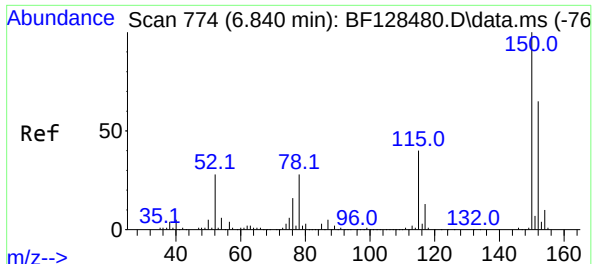
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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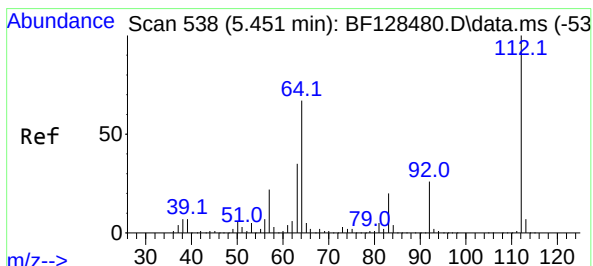
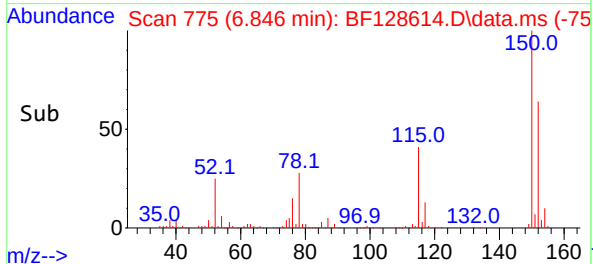
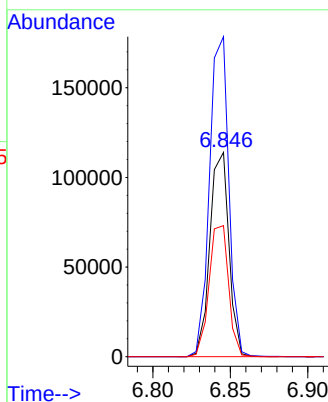
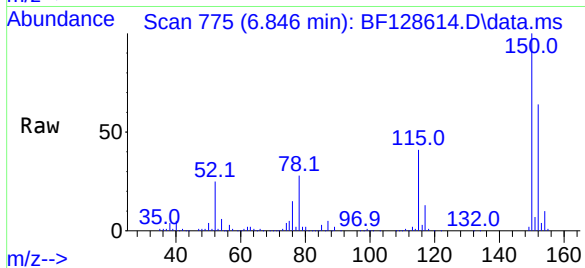




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.846 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF128614.D
Acq: 01 Jun 2022 01:06

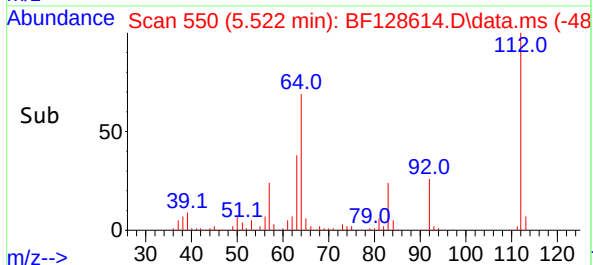
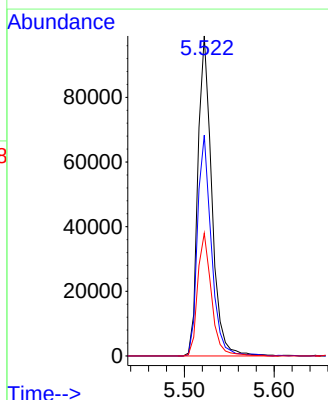
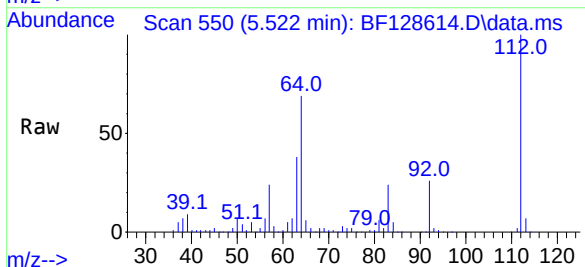
Instrument :
BNA_F
ClientSampleId :
P037-SS002-0006-01

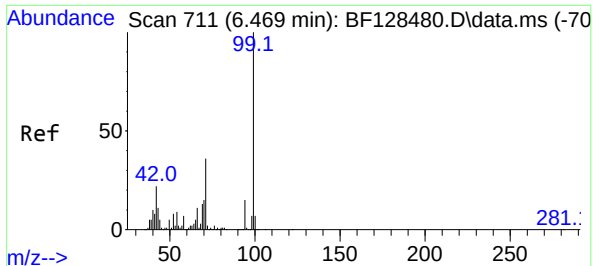
Tgt Ion:152 Resp: 97666
Ion Ratio Lower Upper
152 100
150 156.6 123.7 185.5
115 64.1 49.9 74.9



#5
2-Fluorophenol
Concen: 18.015 ng
RT: 5.522 min Scan# 550
Delta R.T. 0.071 min
Lab File: BF128614.D
Acq: 01 Jun 2022 01:06

Tgt Ion:112 Resp: 106219
Ion Ratio Lower Upper
112 100
64 69.0 53.3 79.9
63 38.4 28.0 42.0

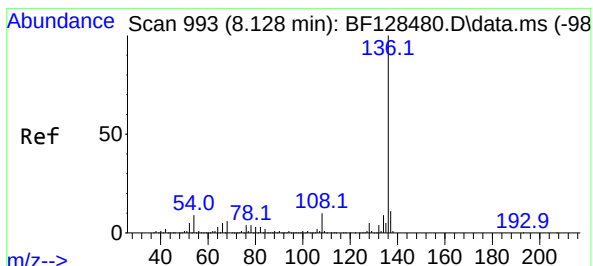
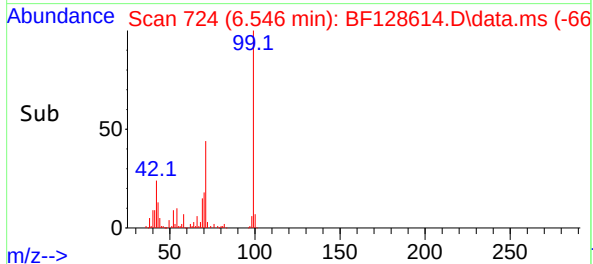
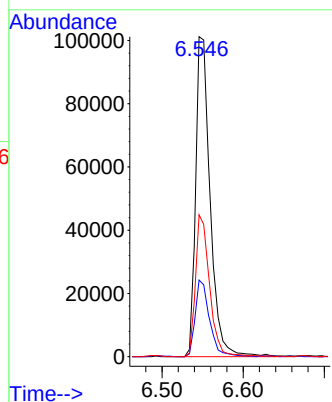
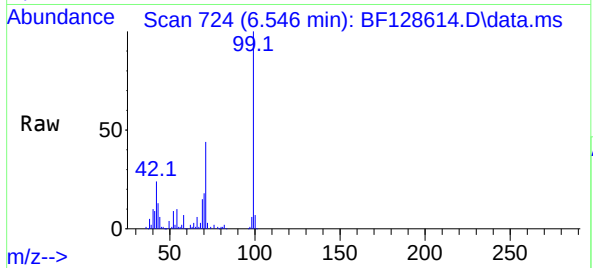




#7
Phenol-d6
Concen: 16.776 ng
RT: 6.546 min Scan# 711
Delta R.T. 0.077 min
Lab File: BF128614.D
Acq: 01 Jun 2022 01:06

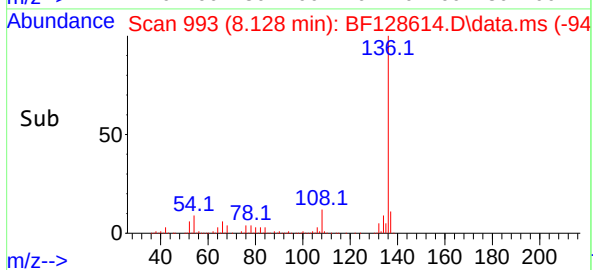
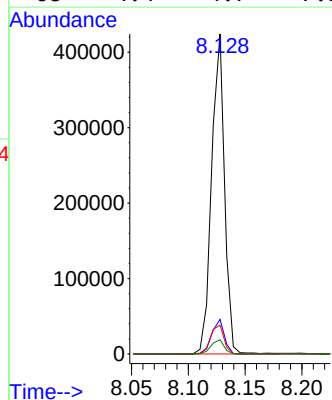
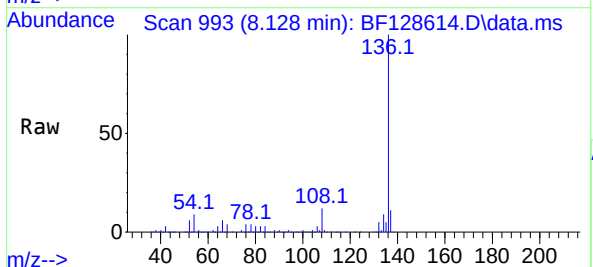
Instrument :
BNA_F
ClientSampleId :
P037-SS002-0006-01

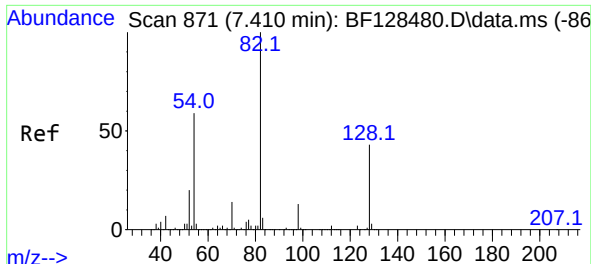
Tgt Ion: 99 Resp: 126121
Ion Ratio Lower Upper
99 100
42 23.9 17.3 25.9
71 44.3 28.9 43.3#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.128 min Scan# 993
Delta R.T. 0.000 min
Lab File: BF128614.D
Acq: 01 Jun 2022 01:06

Tgt Ion: 136 Resp: 334666
Ion Ratio Lower Upper
136 100
137 10.8 8.8 13.2
54 9.0 7.5 11.3
68 4.4 4.7 7.1#





#23

Nitrobenzene-d5

Concen: 15.449 ng

RT: 7.404 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF128614.D

Acq: 01 Jun 2022 01:06

Instrument :

BNA_F

ClientSampleId :

P037-SS002-0006-01

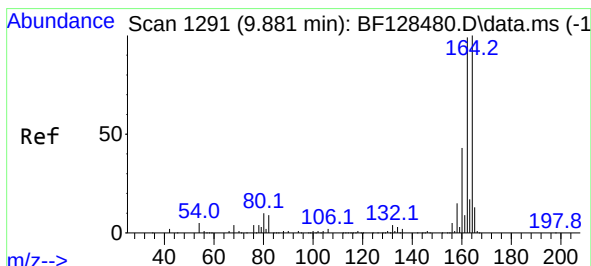
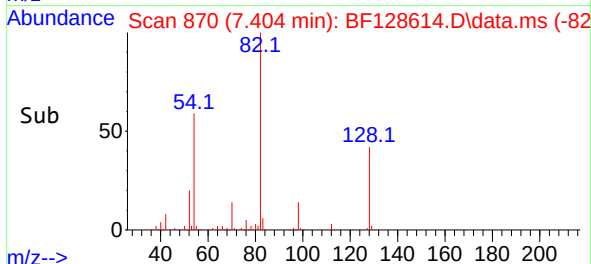
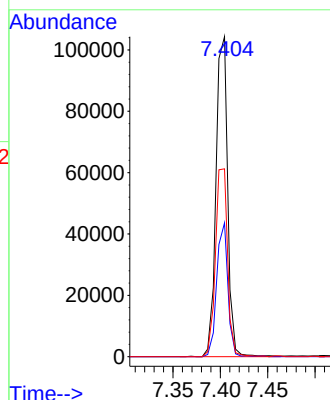
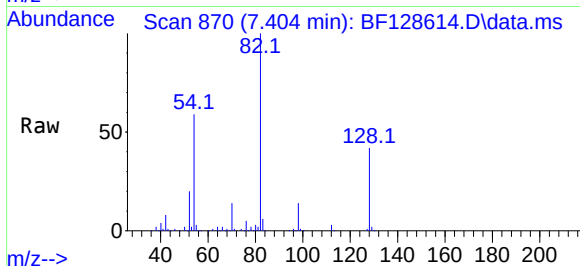
Tgt Ion: 82 Resp: 89625

Ion Ratio Lower Upper

82 100

128 41.8 34.0 51.0

54 58.7 46.9 70.3



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.887 min Scan# 1292

Delta R.T. 0.006 min

Lab File: BF128614.D

Acq: 01 Jun 2022 01:06

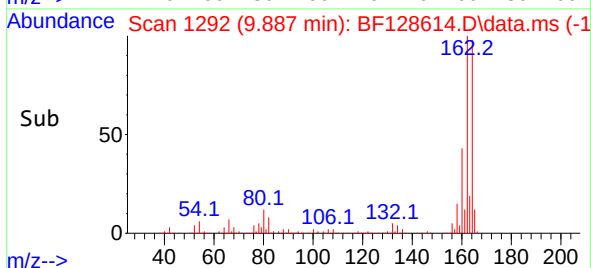
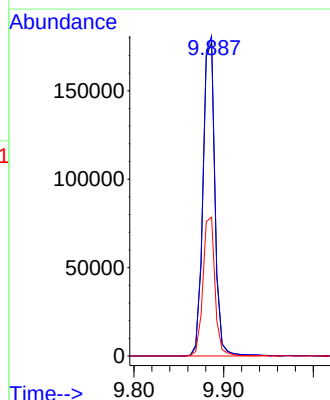
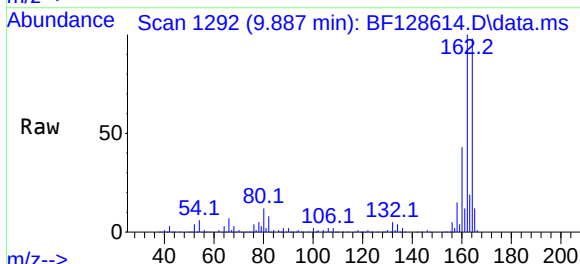
Tgt Ion: 164 Resp: 163694

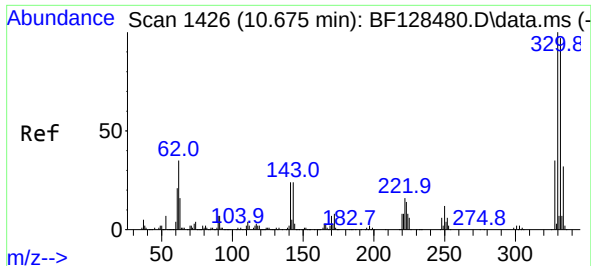
Ion Ratio Lower Upper

164 100

162 102.1 79.5 119.3

160 44.3 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 18.207 ng

RT: 10.681 min Scan# 1426

Delta R.T. 0.006 min

Lab File: BF128614.D

Acq: 01 Jun 2022 01:06

Instrument :

BNA_F

ClientSampleId :

P037-SS002-0006-01

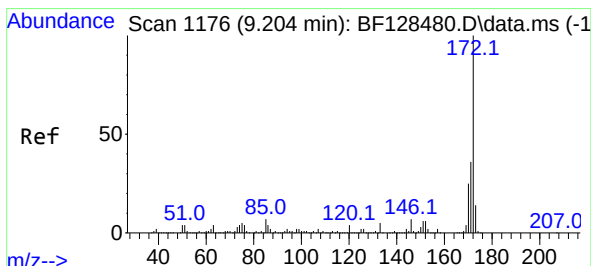
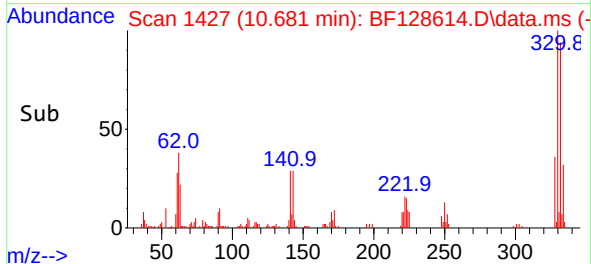
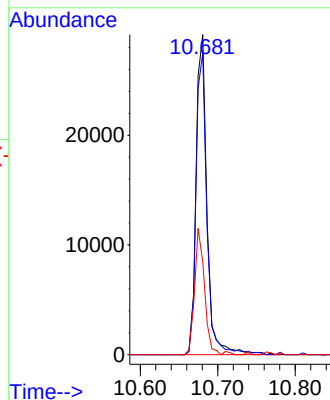
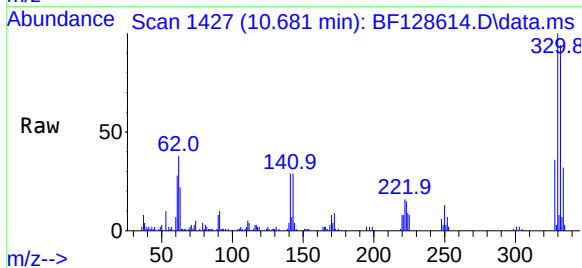
Tgt Ion:330 Resp: 28368

Ion Ratio Lower Upper

330 100

332 94.8 76.8 115.2

141 35.6 28.0 42.0



#45

2-Fluorobiphenyl

Concen: 16.540 ng

RT: 9.198 min Scan# 1175

Delta R.T. -0.006 min

Lab File: BF128614.D

Acq: 01 Jun 2022 01:06

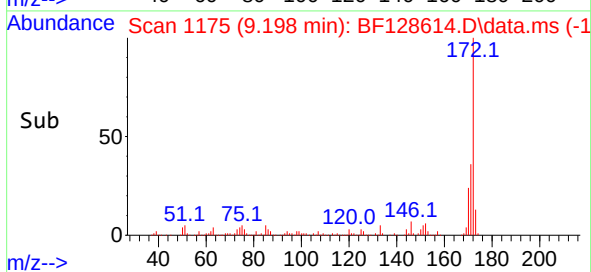
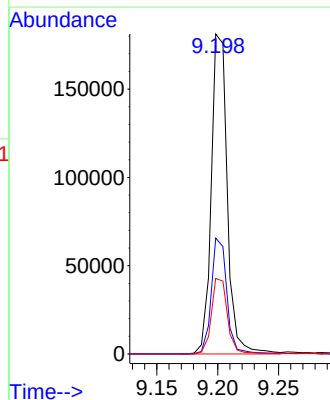
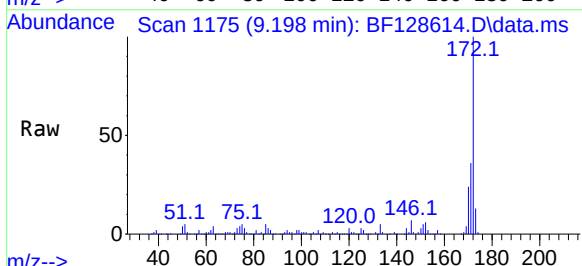
Tgt Ion:172 Resp: 166647

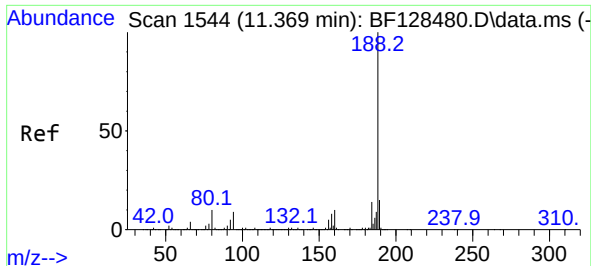
Ion Ratio Lower Upper

172 100

171 36.2 28.8 43.2

170 23.6 19.8 29.8

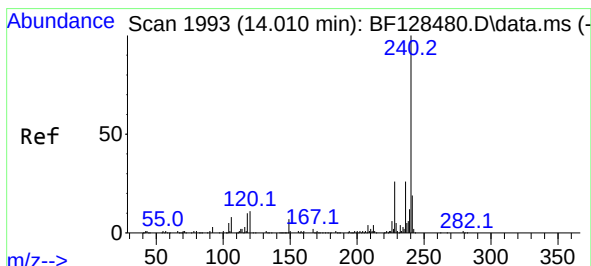
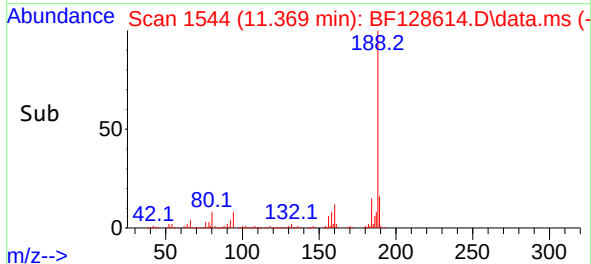
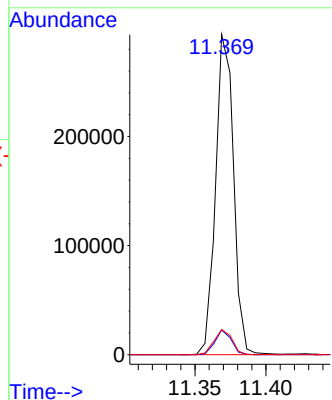
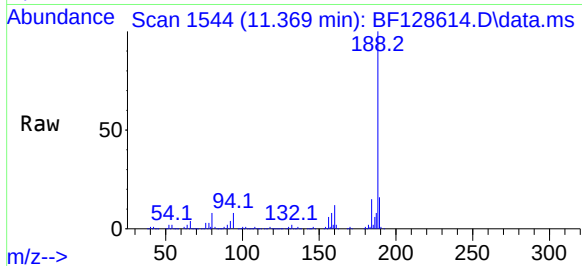




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.369 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF128614.D
Acq: 01 Jun 2022 01:06

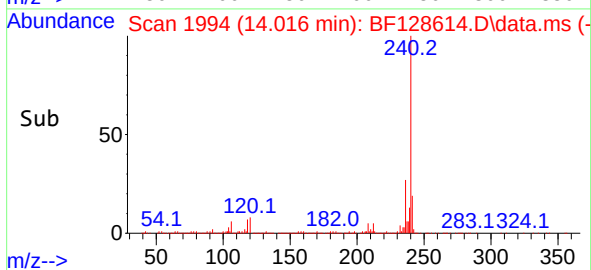
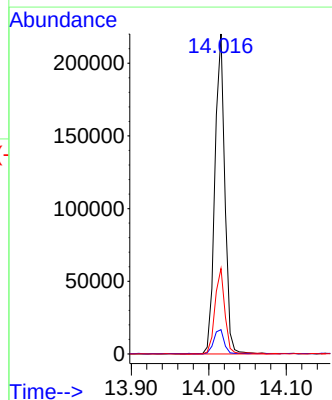
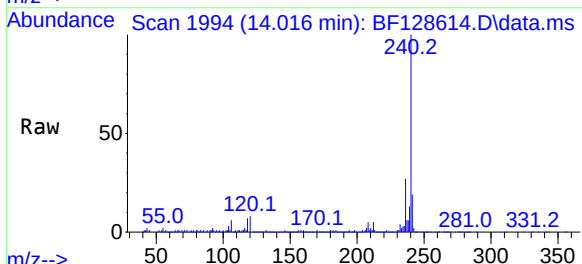
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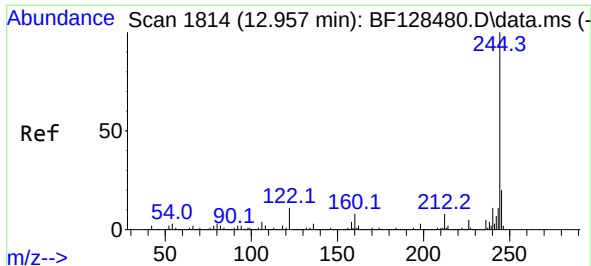
Tgt Ion:188 Resp: 258065
Ion Ratio Lower Upper
188 100
94 7.7 7.0 10.6
80 7.8 7.6 11.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.016 min Scan# 1994
Delta R.T. 0.006 min
Lab File: BF128614.D
Acq: 01 Jun 2022 01:06

Tgt Ion:240 Resp: 196709
Ion Ratio Lower Upper
240 100
120 7.6 8.9 13.3#
236 26.7 20.8 31.2

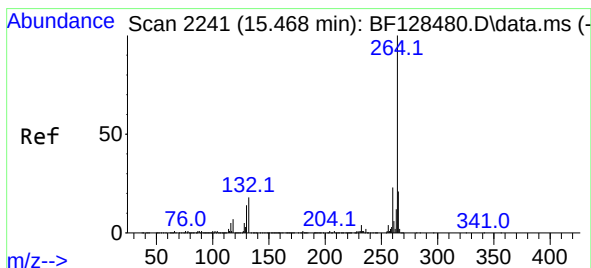
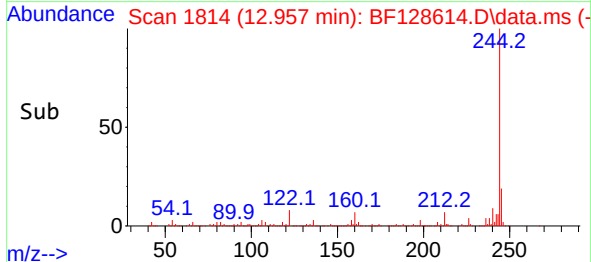
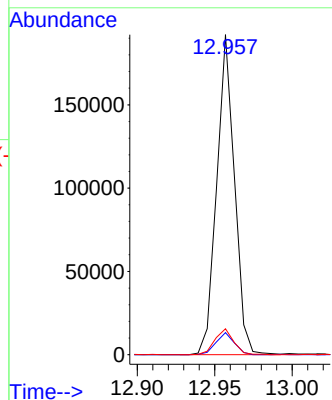
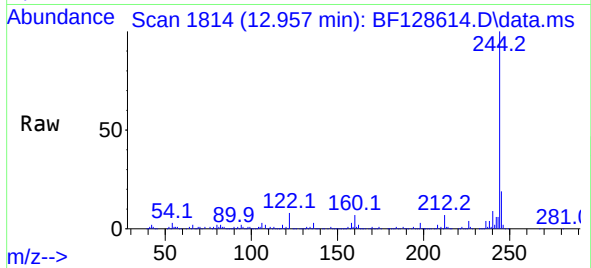




#79
 Terphenyl-d14
 Concen: 15.060 ng
 RT: 12.957 min Scan# 1814
 Delta R.T. 0.000 min
 Lab File: BF128614.D
 Acq: 01 Jun 2022 01:06

Instrument :
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 P037-SS002-0006-01

Tgt Ion:244 Resp: 153336
 Ion Ratio Lower Upper
 244 100
 212 6.9 6.1 9.1
 122 8.1 8.8 13.2#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.486 min Scan# 2244
 Delta R.T. 0.018 min
 Lab File: BF128614.D
 Acq: 01 Jun 2022 01:06

Tgt Ion:264 Resp: 141334
 Ion Ratio Lower Upper
 264 100
 260 23.1 18.4 27.6
 265 22.3 17.2 25.8

