

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121821\
 Data File : BF126263.D
 Acq On : 18 Dec 2021 19:51
 Operator : JU/CG
 Sample : M5097-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ETGI-371

Quant Time: Dec 20 08:04:07 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121521.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 16 12:22:48 2021
 Response via : Initial Calibration

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

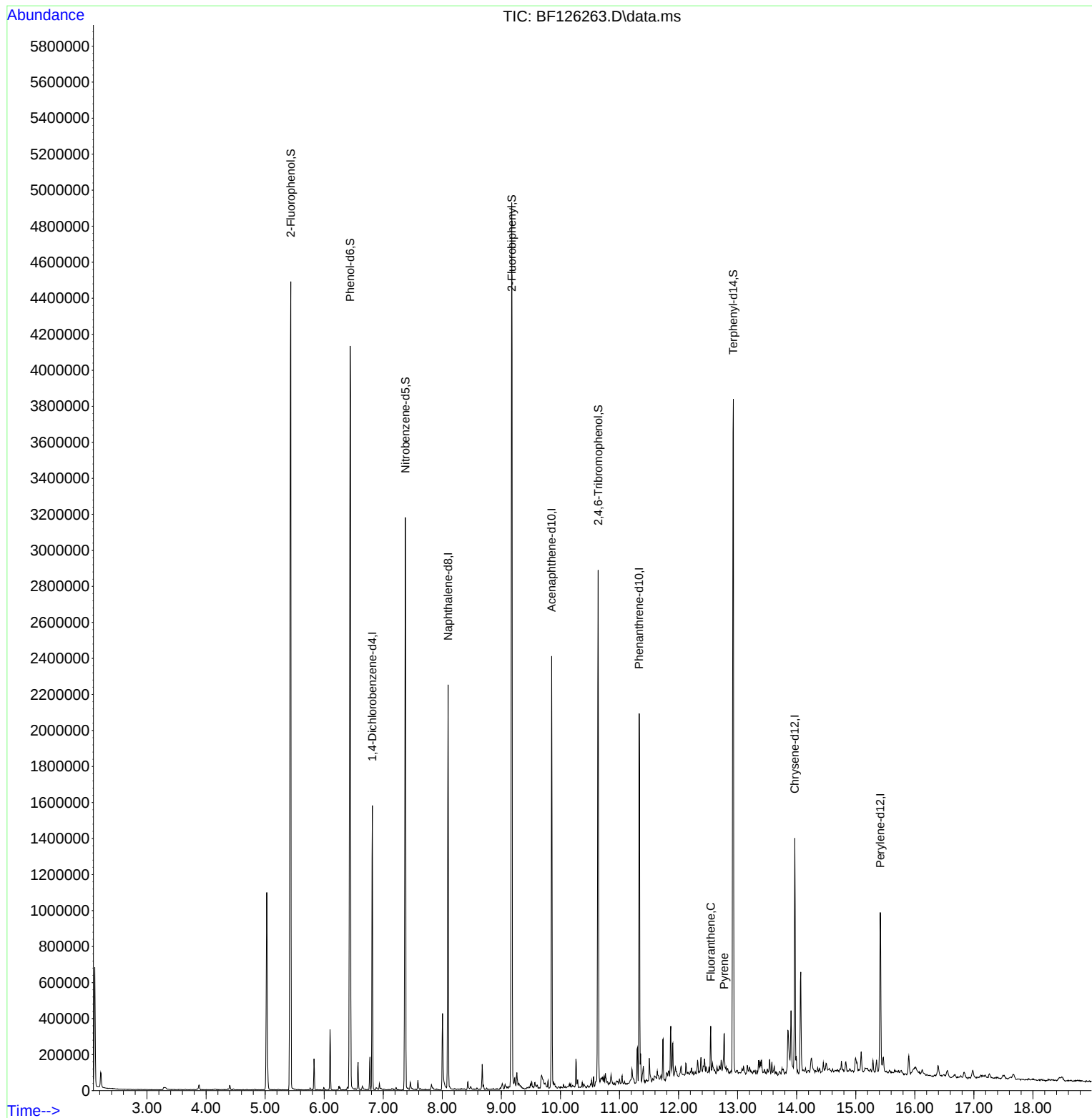
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.816	152	220876	20.000	ng	0.00
21) Naphthalene-d8	8.098	136	967678	20.000	ng	# 0.00
39) Acenaphthene-d10	9.851	164	459210	20.000	ng	0.00
64) Phenanthrene-d10	11.333	188	727437	20.000	ng	# 0.00
76) Chrysene-d12	13.968	240	402432	20.000	ng	# 0.00
86) Perylene-d12	15.415	264	364216	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	1457239	97.159	ng	0.01
7) Phenol-d6	6.439	99	1917781	100.701	ng	0.00
23) Nitrobenzene-d5	7.375	82	1243718	69.609	ng	0.00
42) 2,4,6-Tribromophenol	10.639	330	339504	91.996	ng	0.00
45) 2-Fluorobiphenyl	9.175	172	1668631	63.731	ng	0.00
79) Terphenyl-d14	12.927	244	1365359	58.970	ng	0.00
Target Compounds						
						Qvalue
75) Fluoranthene	12.545	202	87881	2.598	ng	93
78) Pyrene	12.774	202	82368	2.228	ng	98

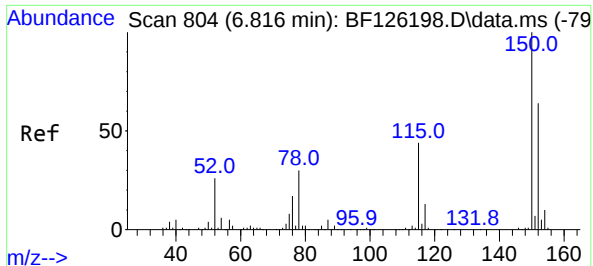
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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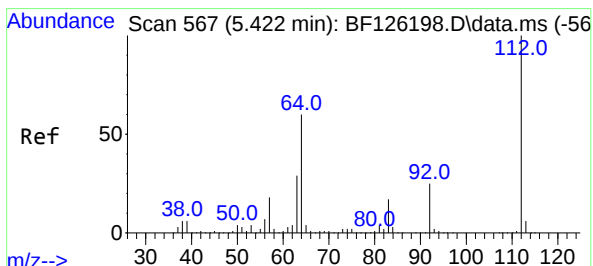
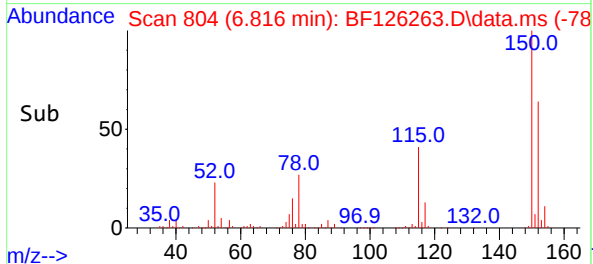
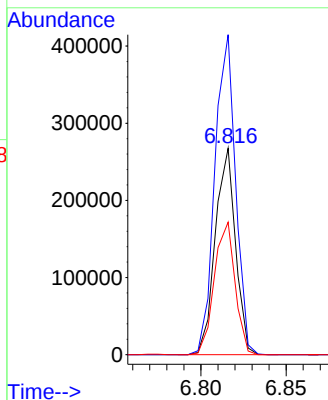
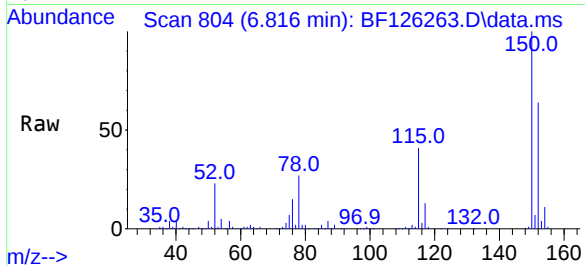




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.816 min Scan# 804
Delta R.T. -0.000 min
Lab File: BF126263.D
Acq: 18 Dec 2021 19:51

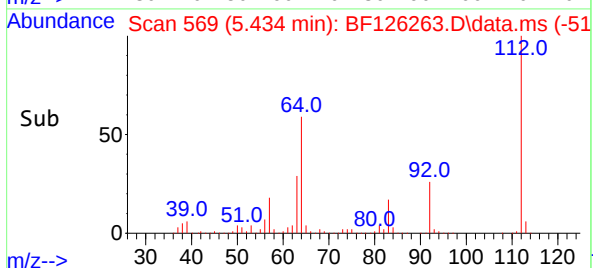
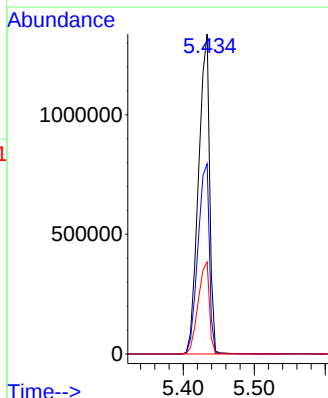
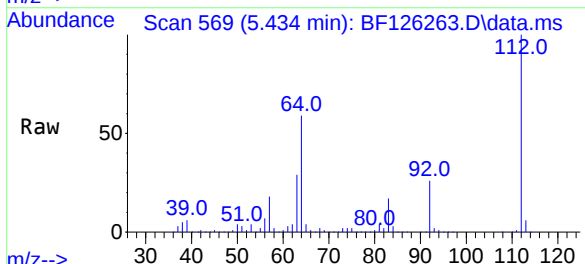
Instrument :
BNA_F
ClientSampleId :
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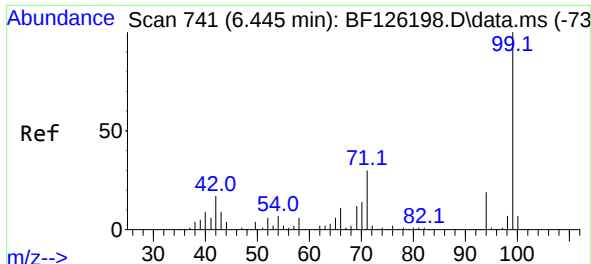
Tgt Ion:152 Resp: 220876
Ion Ratio Lower Upper
152 100
150 155.0 117.6 176.4
115 64.2 47.1 70.7



#5
2-Fluorophenol
Concen: 97.159 ng
RT: 5.434 min Scan# 569
Delta R.T. 0.012 min
Lab File: BF126263.D
Acq: 18 Dec 2021 19:51

Tgt Ion:112 Resp: 1457239
Ion Ratio Lower Upper
112 100
64 59.4 44.2 66.2
63 28.7 26.2 39.2

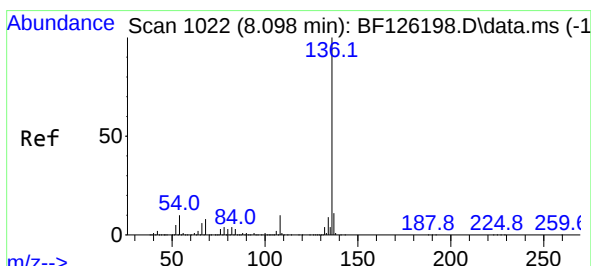
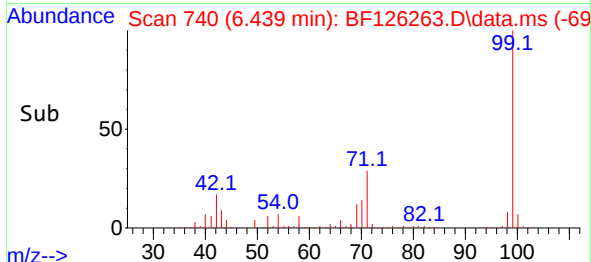
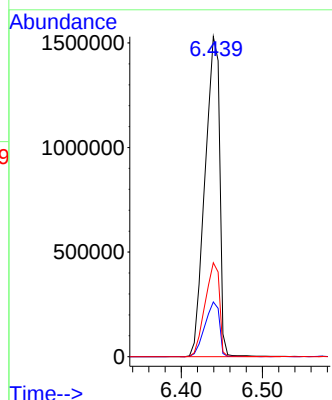
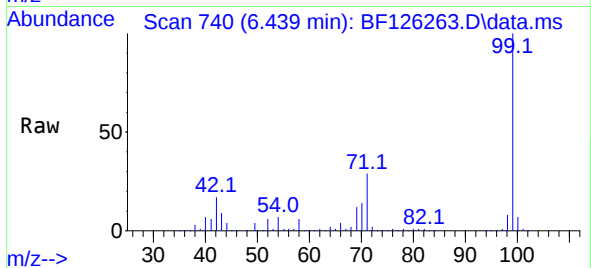




#7
Phenol-d6
Concen: 100.701 ng
RT: 6.439 min Scan# 741
Delta R.T. -0.006 min
Lab File: BF126263.D
Acq: 18 Dec 2021 19:51

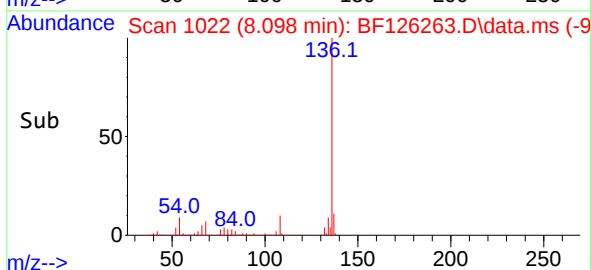
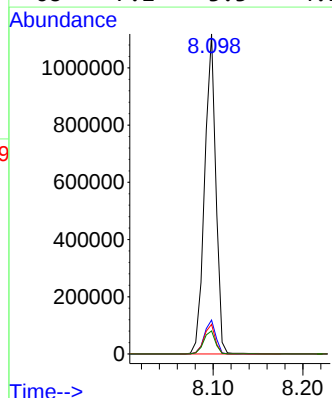
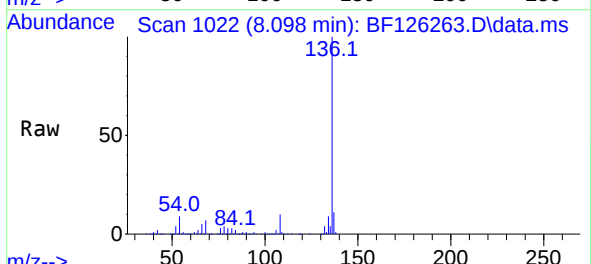
Instrument :
BNA_F
ClientSampleId :
ETGI-371

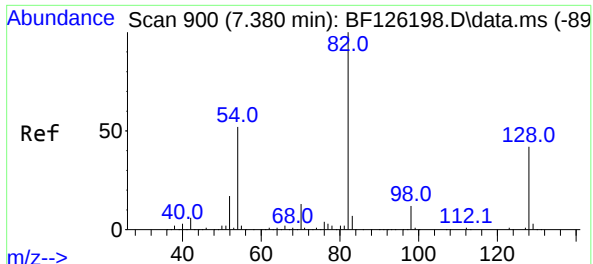
Tgt Ion: 99 Resp: 1917781
Ion Ratio Lower Upper
99 100
42 17.1 23.5 35.3#
71 29.3 25.6 38.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.098 min Scan# 1022
Delta R.T. 0.000 min
Lab File: BF126263.D
Acq: 18 Dec 2021 19:51

Tgt Ion: 136 Resp: 967678
Ion Ratio Lower Upper
136 100
137 10.6 9.8 14.6
54 9.2 6.4 9.6
68 7.2 3.3 4.9#





#23

Nitrobenzene-d5

Concen: 69.609 ng

RT: 7.375 min Scan# 89

Delta R.T. -0.006 min

Lab File: BF126263.D

Acq: 18 Dec 2021 19:51

Instrument :

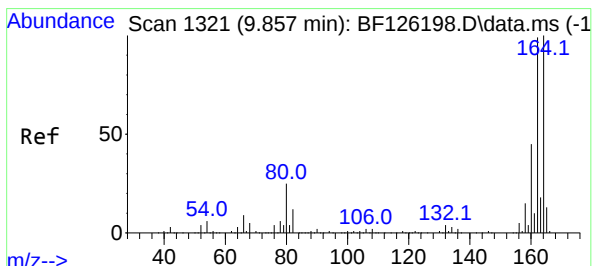
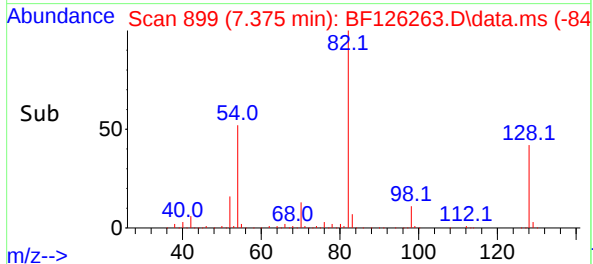
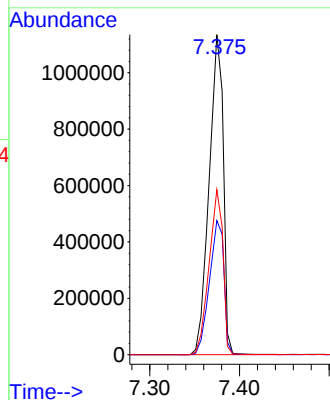
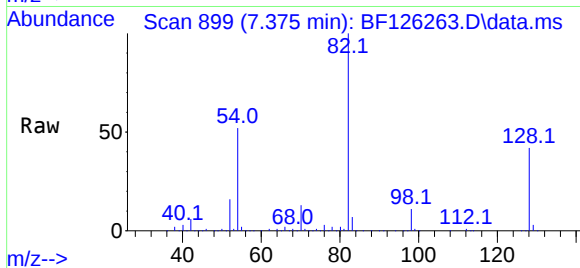
BNA_F

ClientSampleId :

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Tgt Ion: 82 Resp: 1243718

Ion	Ratio	Lower	Upper
82	100		
128	41.9	40.6	60.8
54	51.5	49.6	74.4



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.851 min Scan# 1320

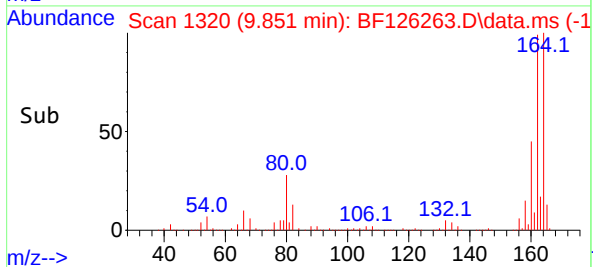
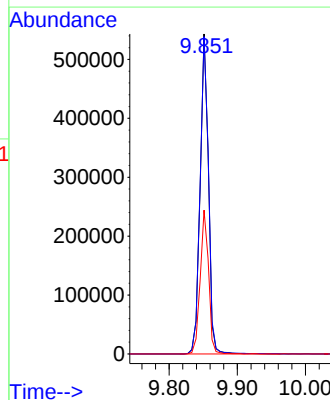
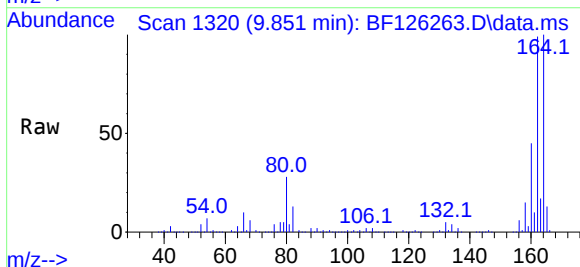
Delta R.T. -0.006 min

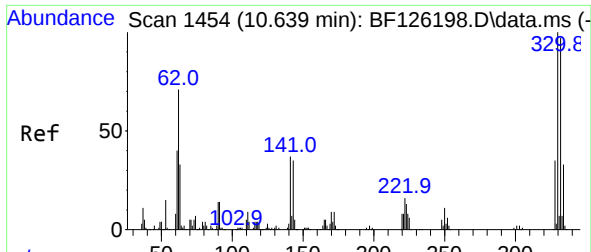
Lab File: BF126263.D

Acq: 18 Dec 2021 19:51

Tgt Ion:164 Resp: 459210

Ion	Ratio	Lower	Upper
164	100		
162	99.2	81.3	121.9
160	45.0	38.0	57.0





#42

2,4,6-Tribromophenol

Concen: 91.996 ng

RT: 10.639 min Scan# 1454

Delta R.T. 0.000 min

Lab File: BF126263.D

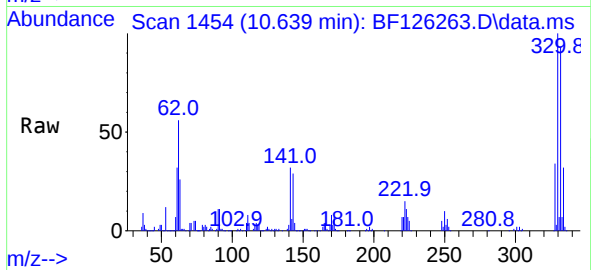
Acq: 18 Dec 2021 19:51

Instrument :

BNA_F

ClientSampleId :

ETGI-371



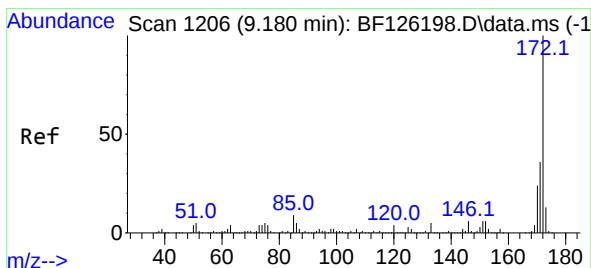
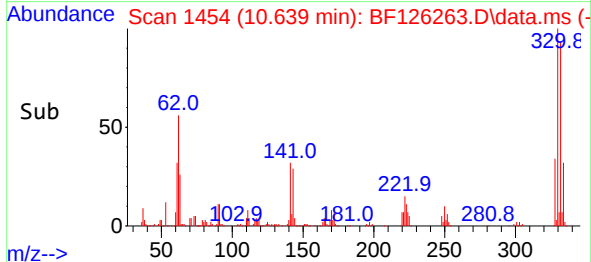
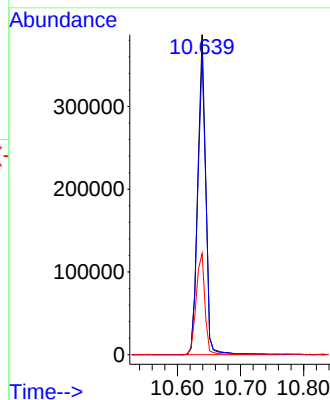
Tgt Ion:330 Resp: 339504

Ion Ratio Lower Upper

330 100

332 95.0 76.2 114.4

141 35.1 44.6 66.8#



#45

2-Fluorobiphenyl

Concen: 63.731 ng

RT: 9.175 min Scan# 1205

Delta R.T. -0.006 min

Lab File: BF126263.D

Acq: 18 Dec 2021 19:51

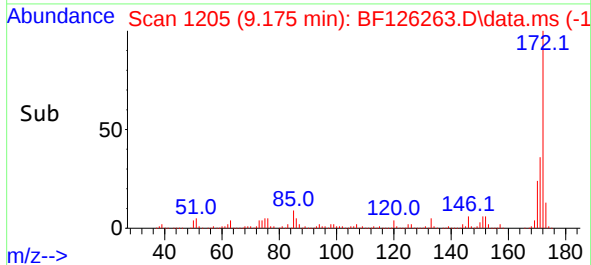
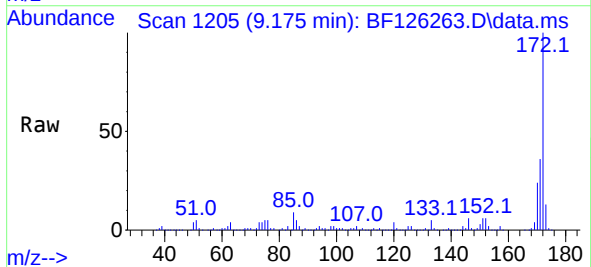
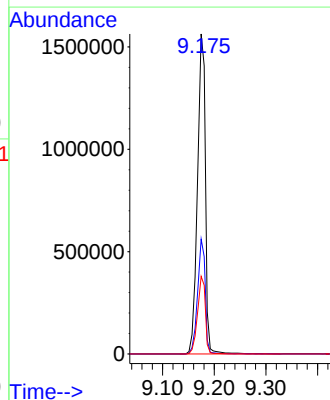
Tgt Ion:172 Resp: 1668631

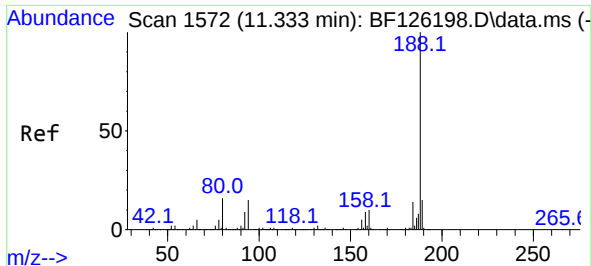
Ion Ratio Lower Upper

172 100

171 35.9 26.5 39.7

170 24.3 18.8 28.2

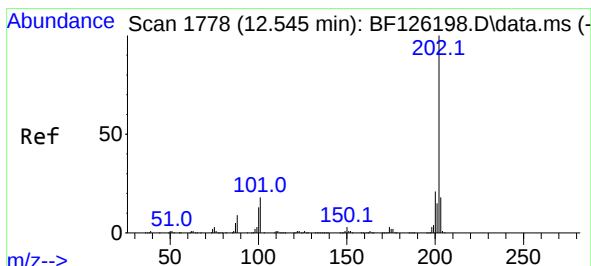
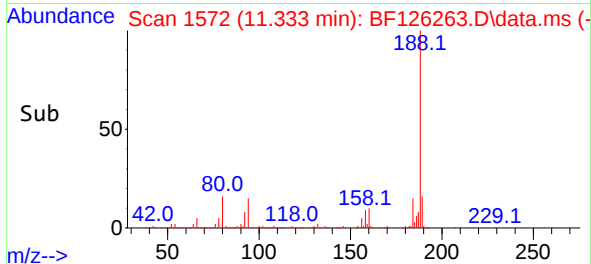
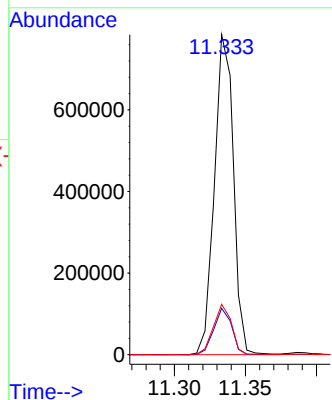
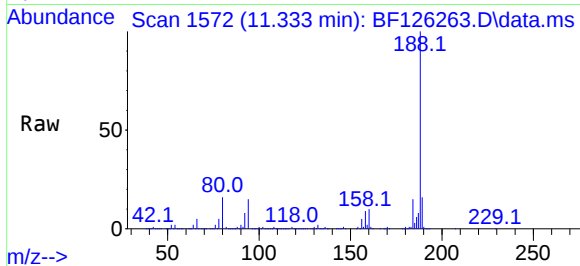




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.333 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF126263.D
Acq: 18 Dec 2021 19:51

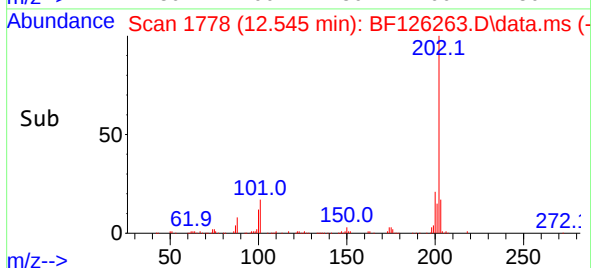
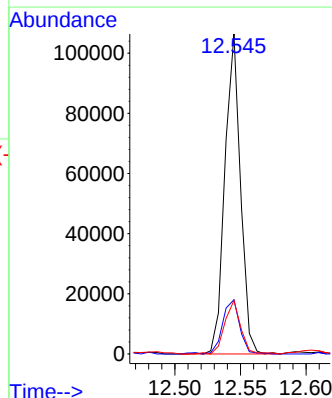
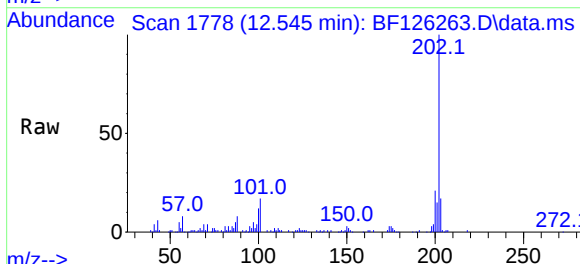
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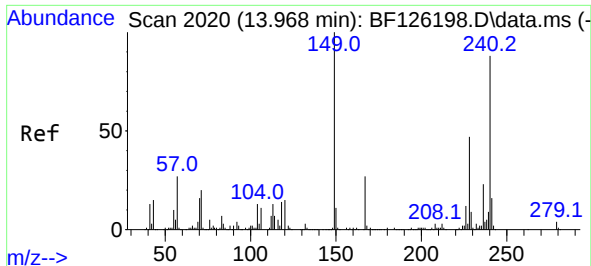
Tgt Ion:188 Resp: 727437
Ion Ratio Lower Upper
188 100
94 14.5 6.7 10.1#
80 15.8 7.5 11.3#



#75
Fluoranthene
Concen: 2.598 ng
RT: 12.545 min Scan# 1778
Delta R.T. 0.000 min
Lab File: BF126263.D
Acq: 18 Dec 2021 19:51

Tgt Ion:202 Resp: 87881
Ion Ratio Lower Upper
202 100
101 17.0 0.0 30.7
203 16.7 0.0 36.3

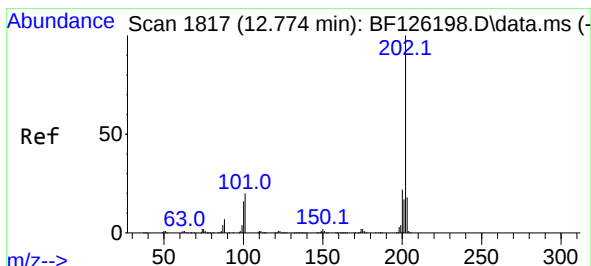
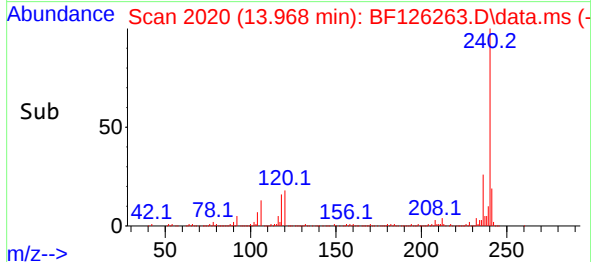
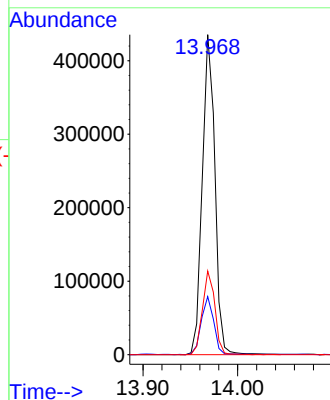
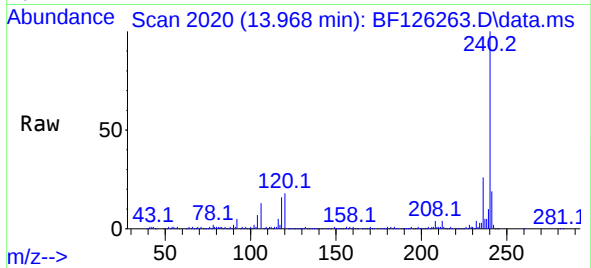




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.968 min Scan# 20
Delta R.T. 0.000 min
Lab File: BF126263.D
Acq: 18 Dec 2021 19:51

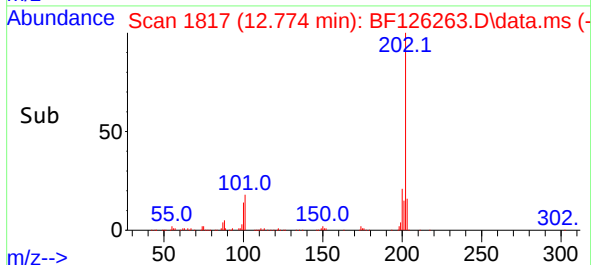
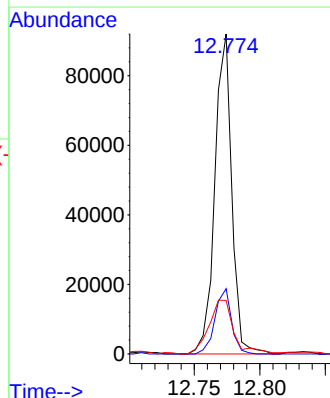
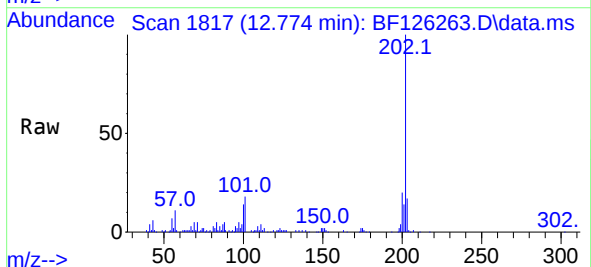
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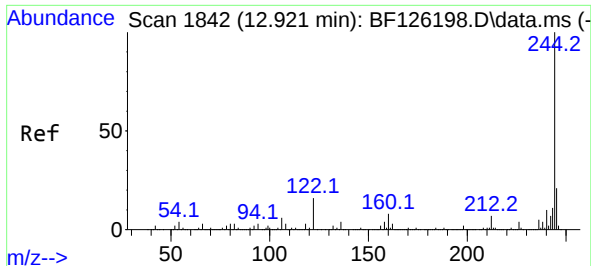
Tgt Ion:240 Resp: 402432
Ion Ratio Lower Upper
240 100
120 18.1 10.8 16.2#
236 26.1 21.6 32.4



#78
Pyrene
Concen: 2.228 ng
RT: 12.774 min Scan# 1817
Delta R.T. 0.000 min
Lab File: BF126263.D
Acq: 18 Dec 2021 19:51

Tgt Ion:202 Resp: 82368
Ion Ratio Lower Upper
202 100
200 20.4 15.3 22.9
203 16.7 13.4 20.0

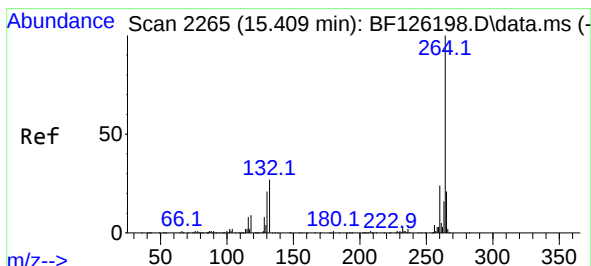
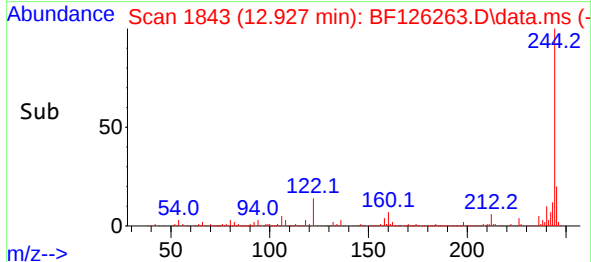
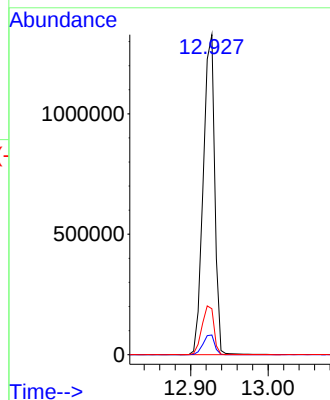
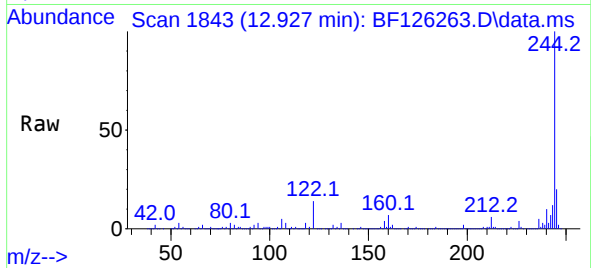




#79
 Terphenyl-d14
 Concen: 58.970 ng
 RT: 12.927 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: BF126263.D
 Acq: 18 Dec 2021 19:51

Instrument :
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Tgt Ion:244 Resp: 1365359
 Ion Ratio Lower Upper
 244 100
 212 6.2 5.9 8.9
 122 14.3 9.0 13.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.415 min Scan# 2266
 Delta R.T. 0.006 min
 Lab File: BF126263.D
 Acq: 18 Dec 2021 19:51

Tgt Ion:264 Resp: 364216
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.6 29.4
 265 20.8 17.2 25.8

