

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101821\
 Data File : BF125878.D
 Acq On : 18 Oct 2021 15:40
 Operator : JU/CG
 Sample : M4260-04
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TEST-DB-(1)

Manual Integrations
 APPROVED

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Quant Time: Oct 19 09:07:15 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF100721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 18 12:43:03 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.822	152	169719	20.00	ng	0.00
21) Naphthalene-d8	8.104	136	677798	20.00	ng	# 0.00
39) Acenaphthene-d10	9.857	164	336869	20.00	ng	0.00
64) Phenanthrene-d10	11.339	188	499372	20.00	ng	0.00
76) Chrysene-d12	13.968	240	363577	20.00	ng	0.00
86) Perylene-d12	15.421	264	350329	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.439	112	916426	88.21	ng	0.00
7) Phenol-d6	6.451	99	1115542	83.41	ng	0.00
23) Nitrobenzene-d5	7.381	82	652590	59.85	ng	-0.01
42) 2,4,6-Tribromophenol	10.639	330	268148	80.62	ng	0.00
45) 2-Fluorobiphenyl	9.180	172	1249018	63.95	ng	0.00
79) Terphenyl-d14	12.921	244	898186	37.63	ng	0.00
Target Compounds						
						Qvalue
75) Fluoranthene	12.545	202	75630	3.14	ng	96
78) Pyrene	12.774	202	82566	2.24	ng	98
88) Benzo(b)fluoranthene	14.998	252	62546m	3.16	ng	
90) Benzo(a)pyrene	15.357	252	43072	2.46	ng	99

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

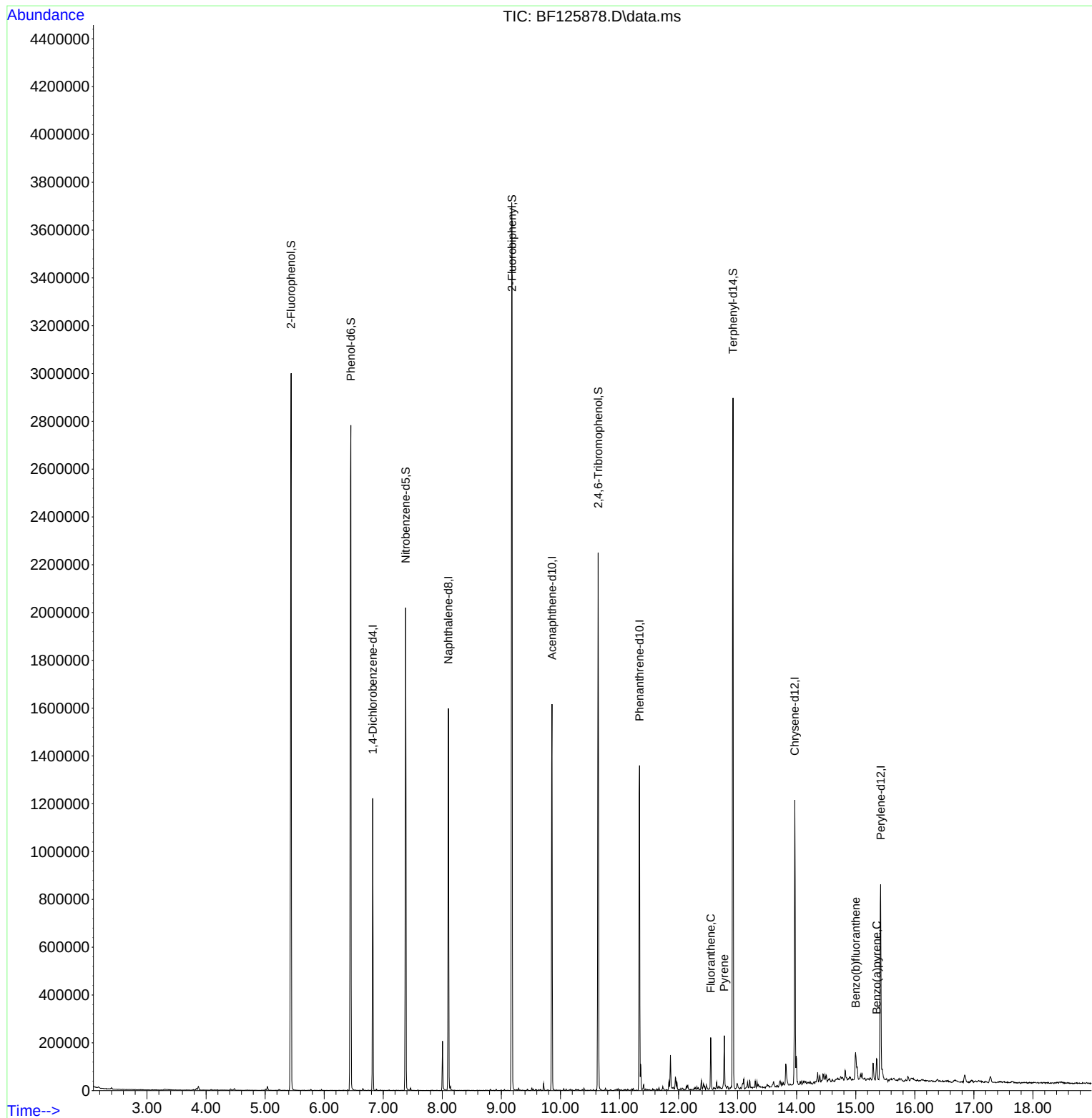
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101821\
Data File : BF125878.D
Acq On : 18 Oct 2021 15:40
Operator : JU/CG
Sample : M4260-04
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ALS Vial : 9 Sample Multiplier: 1

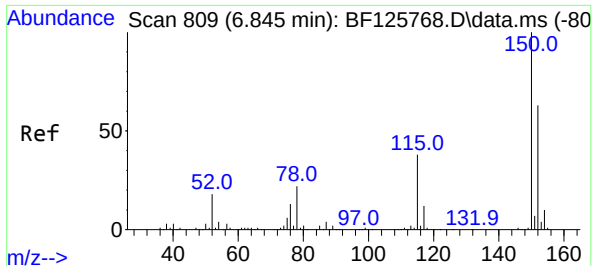
Instrument :
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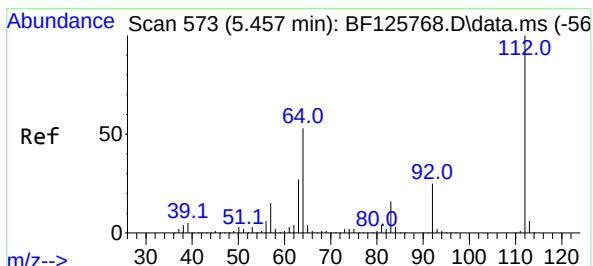
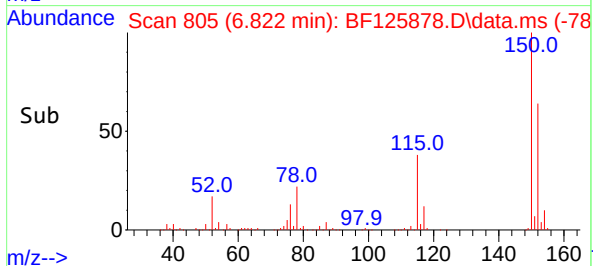
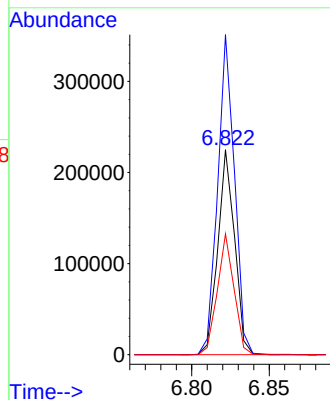
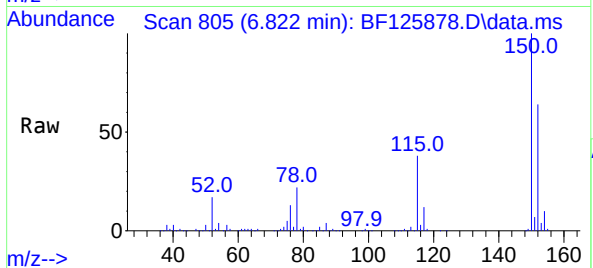
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.822 min Scan# 805
Delta R.T. -0.006 min
Lab File: BF125878.D
Acq: 18 Oct 2021 15:40

Tgt Ion:152 Resp: 169719
Ion Ratio Lower Upper
152 100
150 156.2 117.6 176.4
115 59.0 47.1 70.7

Instrument :
BNA_F
ClientSampleId :
TEST-DB-(1)

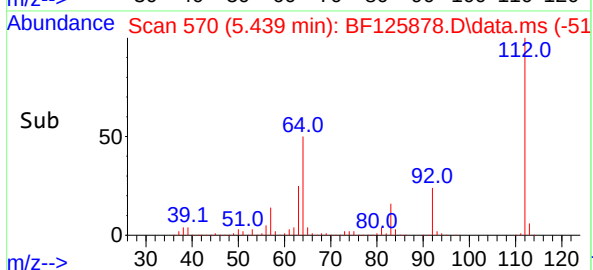
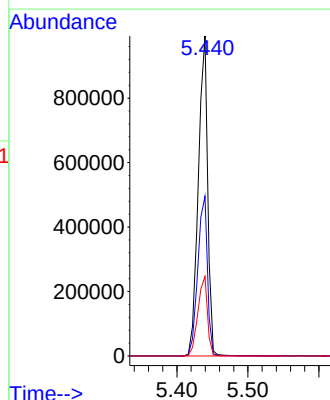
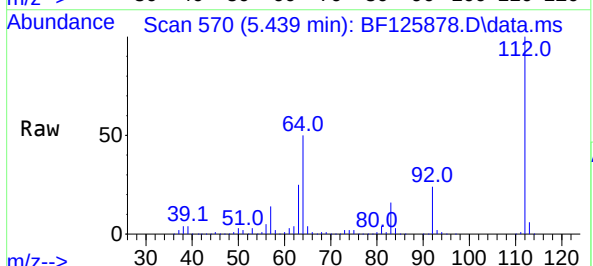
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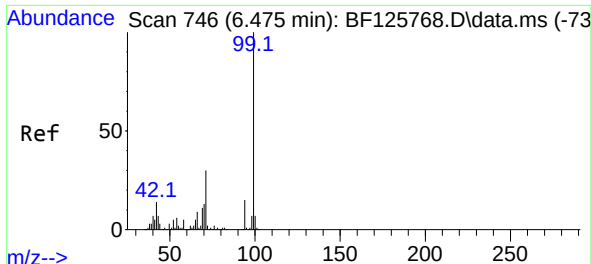
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#5
2-Fluorophenol
Concen: 88.21 ng
RT: 5.439 min Scan# 570
Delta R.T. -0.000 min
Lab File: BF125878.D
Acq: 18 Oct 2021 15:40

Tgt Ion:112 Resp: 916426
Ion Ratio Lower Upper
112 100
64 49.9 44.2 66.2
63 24.8 26.2 39.2#





#7
Phenol-d6
Concen: 83.41 ng
RT: 6.451 min Scan# 742
Delta R.T. -0.006 min
Lab File: BF125878.D
Acq: 18 Oct 2021 15:40

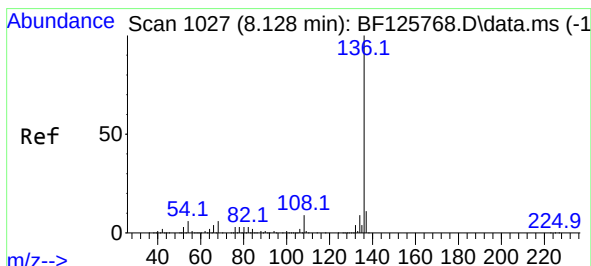
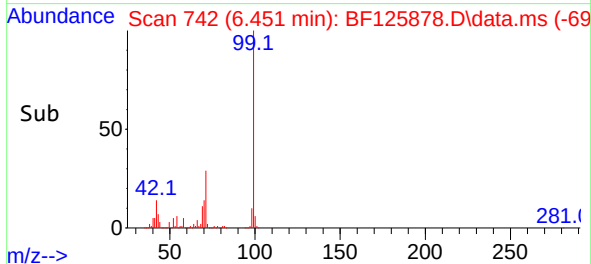
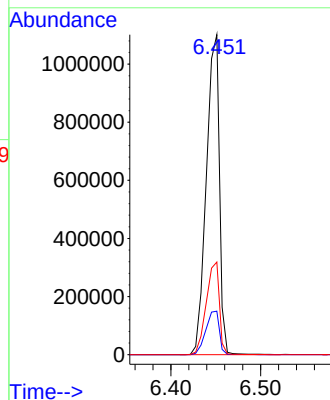
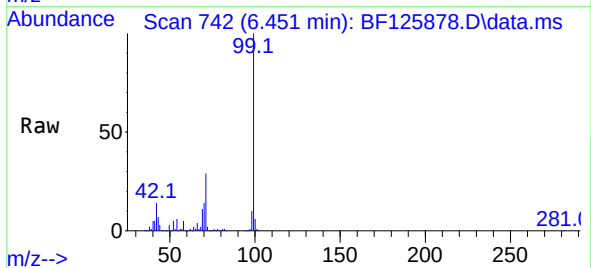
Tgt Ion: 99 Resp: 1115542

Ion	Ratio	Lower	Upper
99	100		
42	13.6	23.5	35.3#
71	29.0	25.6	38.4

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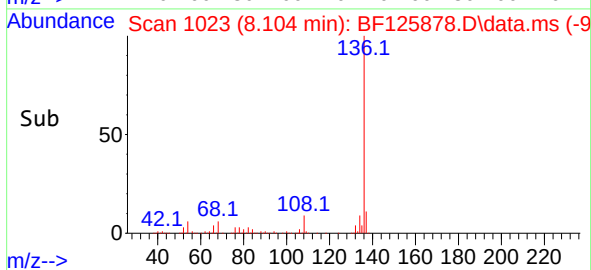
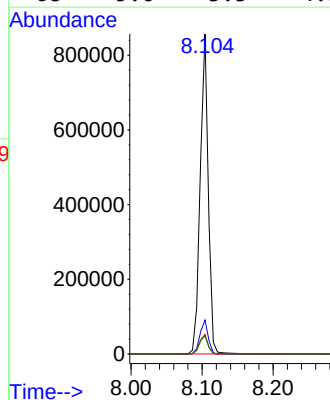
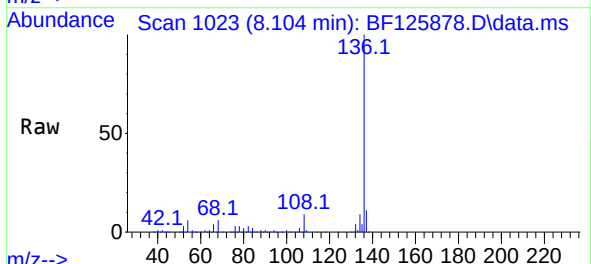
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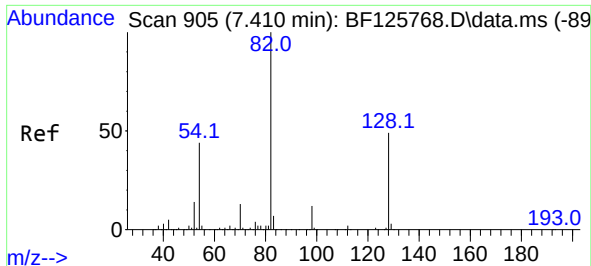


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.104 min Scan# 1023
Delta R.T. -0.006 min
Lab File: BF125878.D
Acq: 18 Oct 2021 15:40

Tgt Ion: 136 Resp: 677798

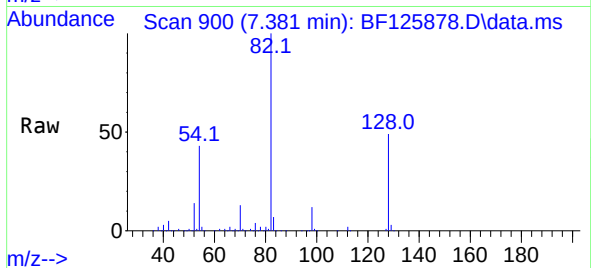
Ion	Ratio	Lower	Upper
136	100		
137	10.6	9.8	14.6
54	6.2	6.4	9.6#
68	5.6	3.3	4.9#





#23
Nitrobenzene-d5
Concen: 59.85 ng
RT: 7.381 min Scan# 900
Delta R.T. -0.012 min
Lab File: BF125878.D
Acq: 18 Oct 2021 15:40

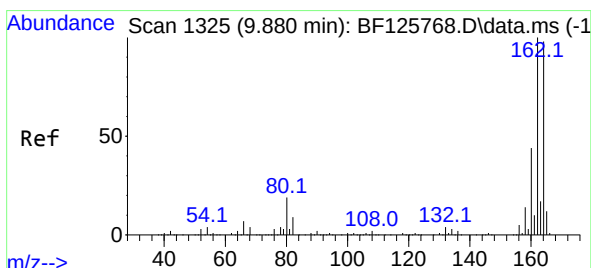
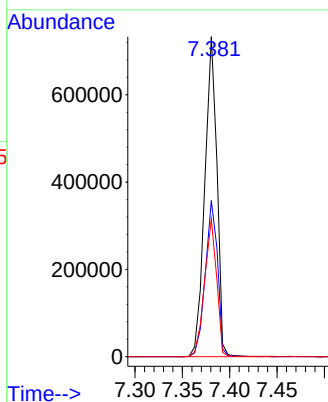
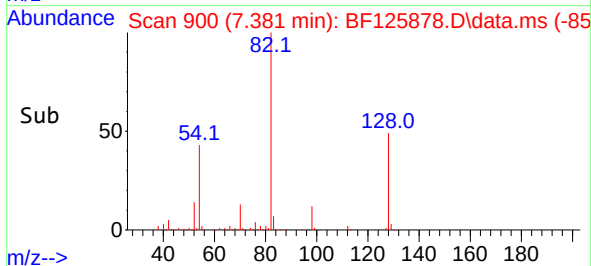
Instrument :
BNA_F
ClientSampleId :
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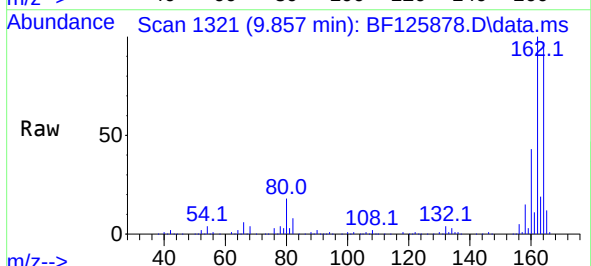
Tgt Ion: 82 Resp: 652590
Ion Ratio Lower Upper
82 100
128 48.8 40.6 60.8
54 43.1 49.6 74.4#

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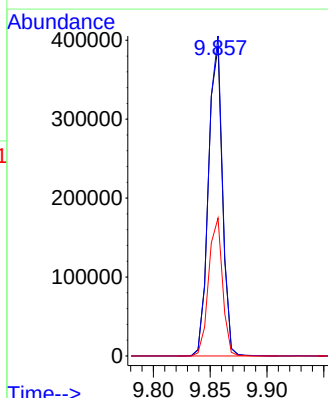
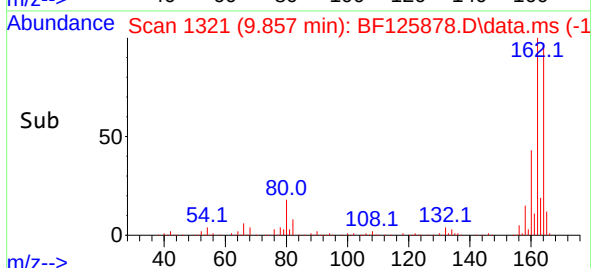
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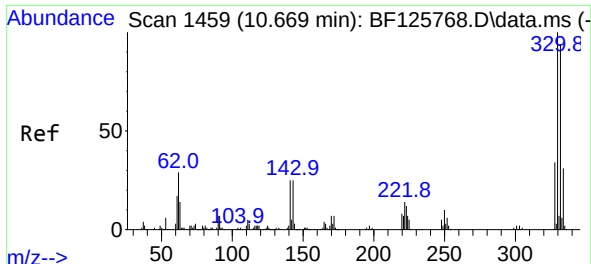


#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.857 min Scan# 1321
Delta R.T. -0.006 min
Lab File: BF125878.D
Acq: 18 Oct 2021 15:40

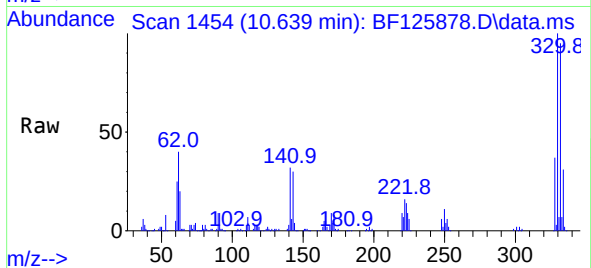


Tgt Ion: 164 Resp: 336869
Ion Ratio Lower Upper
164 100
162 103.3 81.3 121.9
160 44.5 38.0 57.0

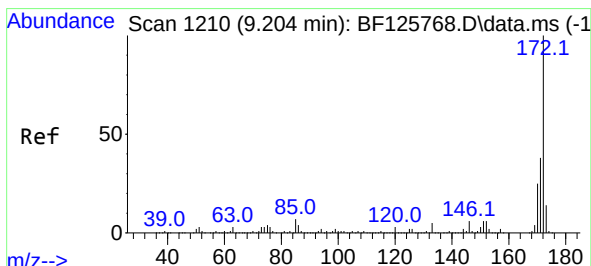
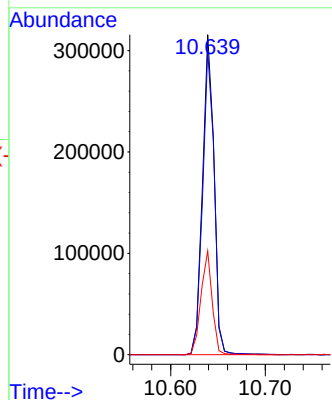
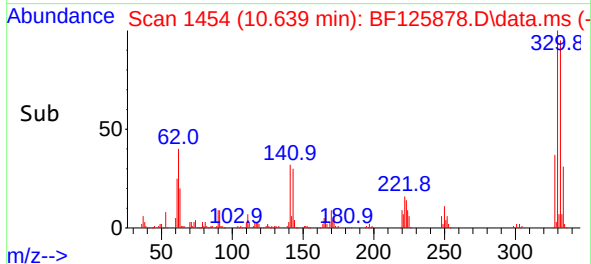




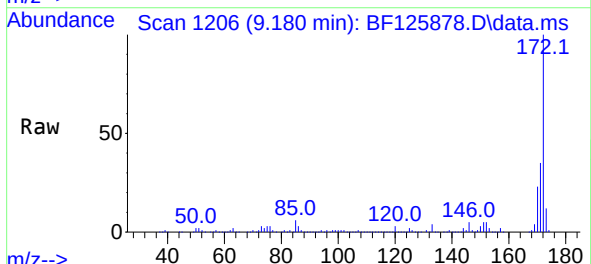
#42
2,4,6-Tribromophenol
Concen: 80.62 ng
RT: 10.639 min Scan# 1454
Delta R.T. -0.006 min
Lab File: BF125878.D
Acq: 18 Oct 2021 15:40



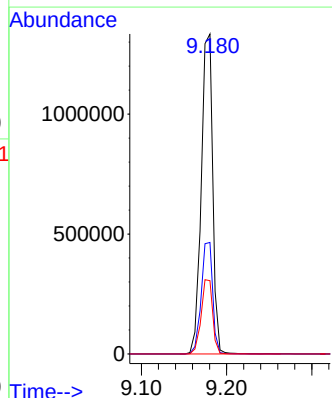
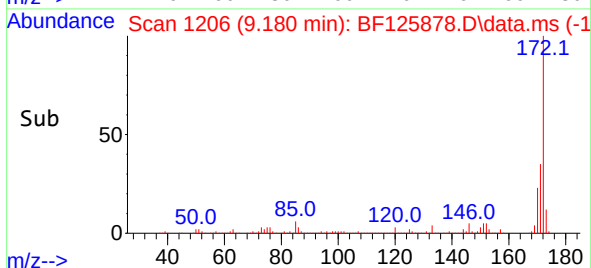
Tgt Ion: 330 Resp: 268148
Ion Ratio Lower Upper
330 100
332 95.4 76.2 114.4
141 31.6 44.6 66.8#



#45
2-Fluorobiphenyl
Concen: 63.95 ng
RT: 9.180 min Scan# 1206
Delta R.T. -0.000 min
Lab File: BF125878.D
Acq: 18 Oct 2021 15:40



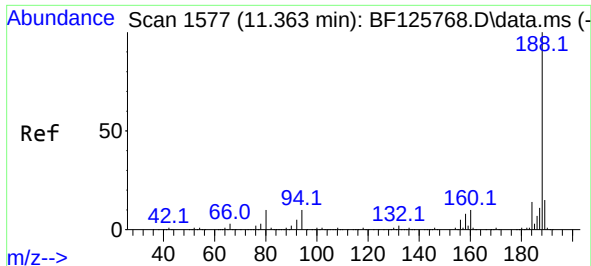
Tgt Ion: 172 Resp: 1249018
Ion Ratio Lower Upper
172 100
171 34.8 26.5 39.7
170 22.9 18.8 28.2



Instrument :
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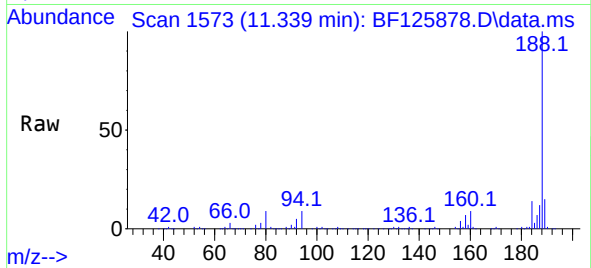
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#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.339 min Scan# 1573
Delta R.T. -0.000 min
Lab File: BF125878.D
Acq: 18 Oct 2021 15:40

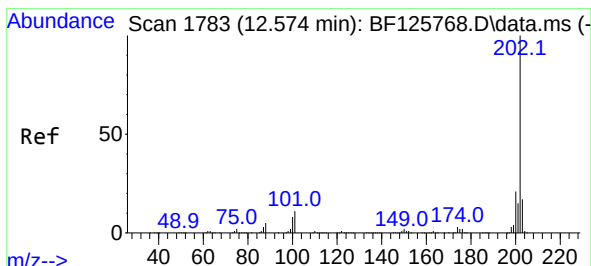
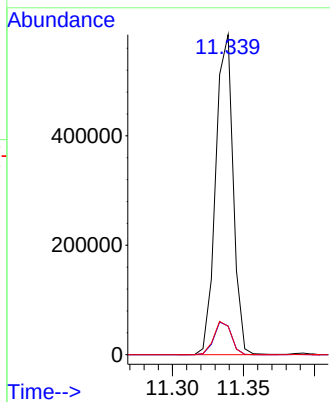
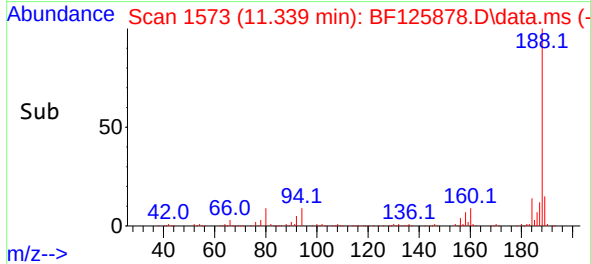
Instrument :
BNA_F
ClientSampleId :
TEST-DB-(1)



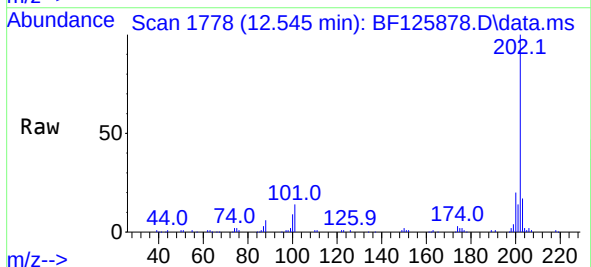
Tgt Ion:188 Resp: 499372
Ion Ratio Lower Upper
188 100
94 8.9 6.7 10.1
80 8.9 7.5 11.3

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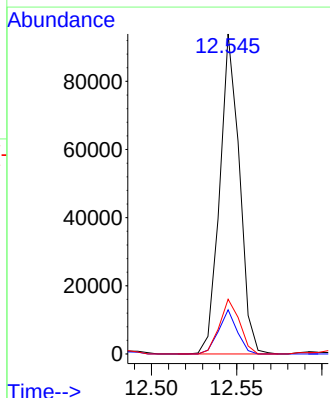
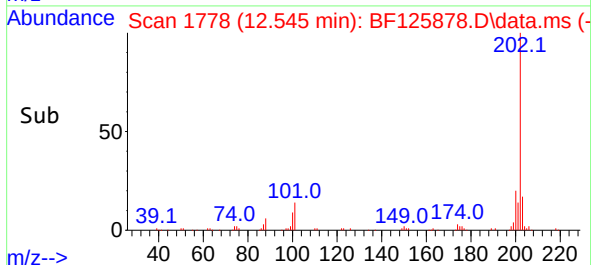
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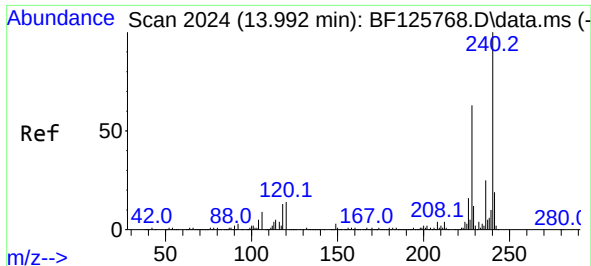


#75
Fluoranthene
Concen: 3.14 ng
RT: 12.545 min Scan# 1778
Delta R.T. -0.006 min
Lab File: BF125878.D
Acq: 18 Oct 2021 15:40



Tgt Ion:202 Resp: 75630
Ion Ratio Lower Upper
202 100
101 13.8 0.0 30.7
203 17.1 0.0 36.3





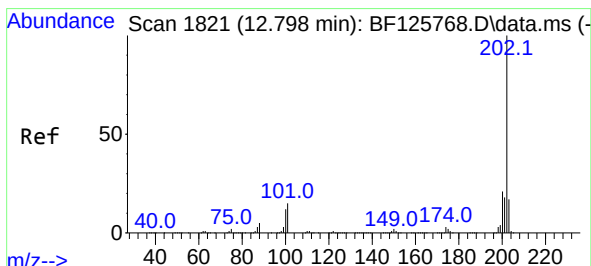
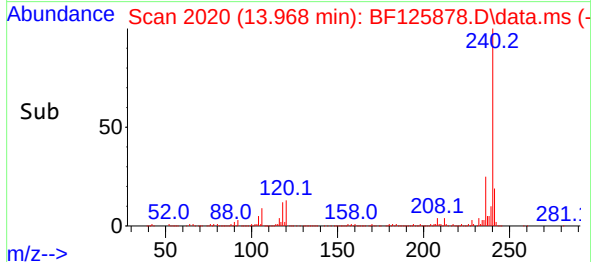
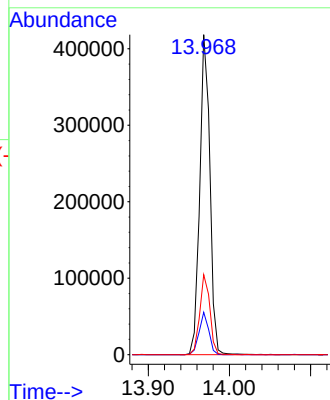
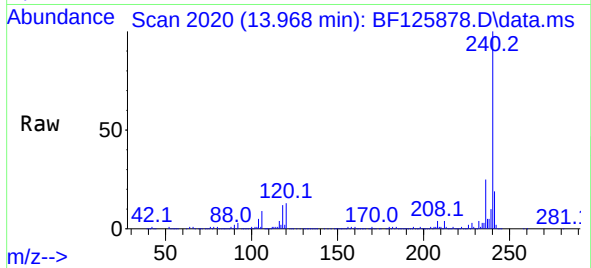
#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.968 min Scan# 2020
Delta R.T. -0.006 min
Lab File: BF125878.D
Acq: 18 Oct 2021 15:40

Tgt Ion:240 Resp: 363577
Ion Ratio Lower Upper
240 100
120 13.3 10.8 16.2
236 25.0 21.6 32.4

Instrument :
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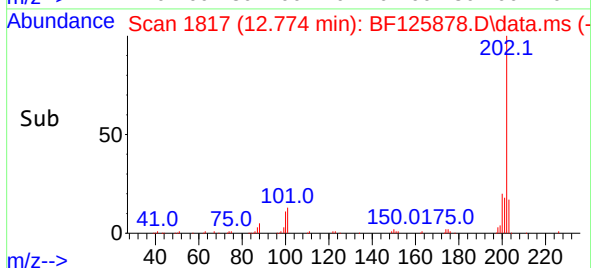
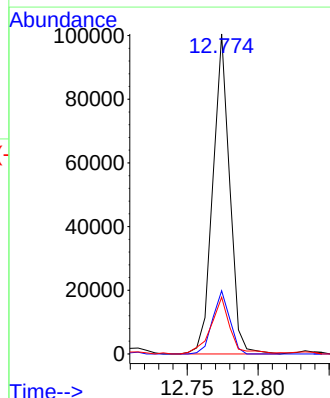
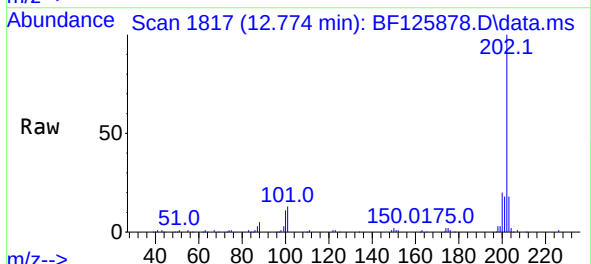
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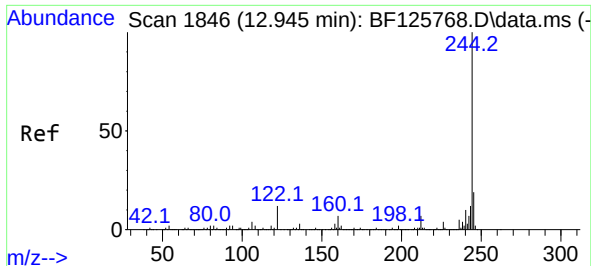
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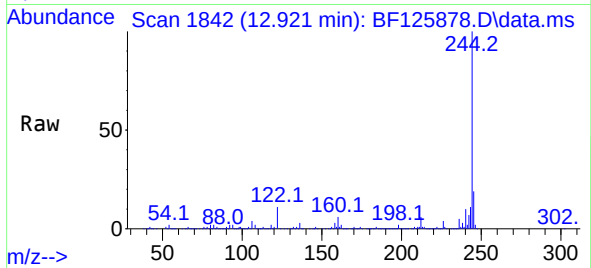
#78
Pyrene
Concen: 2.24 ng
RT: 12.774 min Scan# 1817
Delta R.T. -0.006 min
Lab File: BF125878.D
Acq: 18 Oct 2021 15:40

Tgt Ion:202 Resp: 82566
Ion Ratio Lower Upper
202 100
200 19.7 15.3 22.9
203 17.7 13.4 20.0

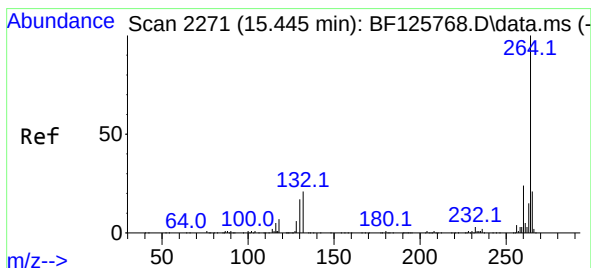
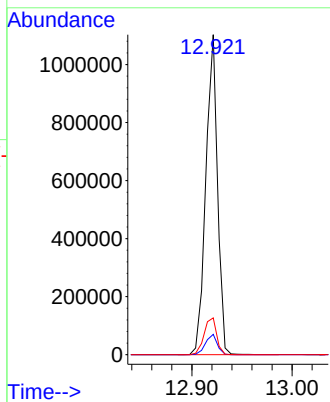
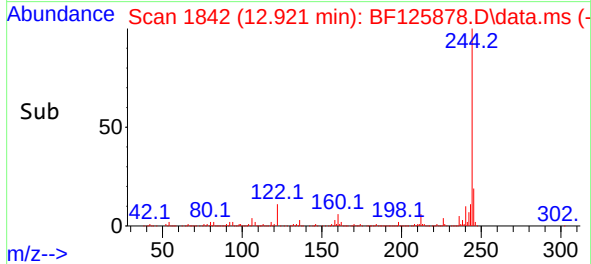




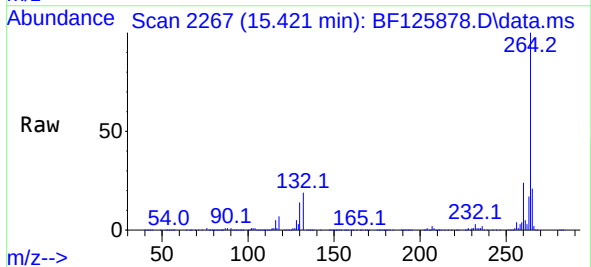
#79
Terphenyl-d14
Concen: 37.63 ng
RT: 12.921 min Scan# 1842
Delta R.T. -0.000 min
Lab File: BF125878.D
Acq: 18 Oct 2021 15:40



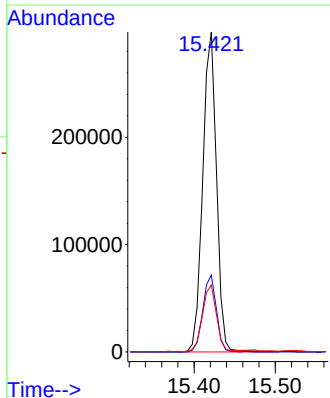
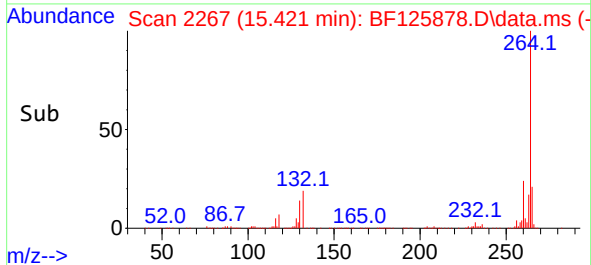
Tgt Ion:244 Resp: 898186
Ion Ratio Lower Upper
244 100
212 6.4 5.9 8.9
122 11.5 9.0 13.4



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.421 min Scan# 2267
Delta R.T. -0.000 min
Lab File: BF125878.D
Acq: 18 Oct 2021 15:40



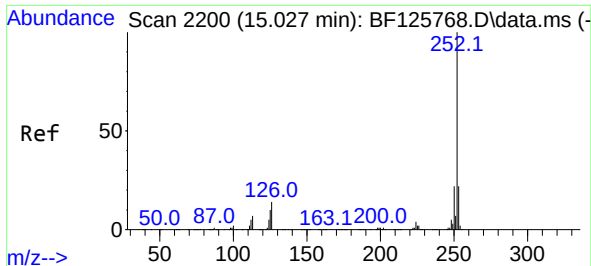
Tgt Ion:264 Resp: 350329
Ion Ratio Lower Upper
264 100
260 24.0 19.6 29.4
265 20.9 17.2 25.8



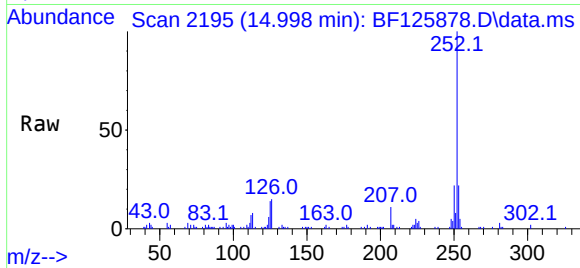
Instrument :
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ClientSampleId :
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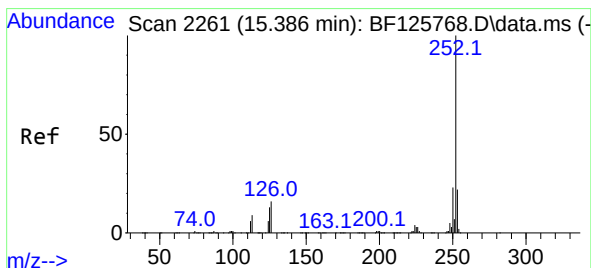
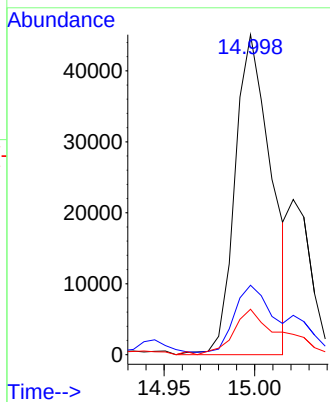
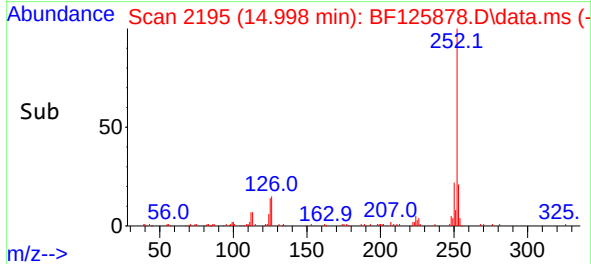
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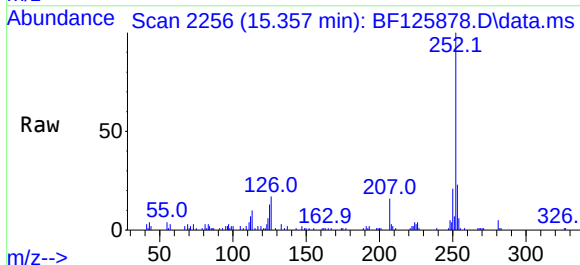
#88
Benzo(b)fluoranthene
Concen: 3.16 ng m
RT: 14.998 min Scan# 2195
Delta R.T. -0.006 min
Lab File: BF125878.D
Acq: 18 Oct 2021 15:40



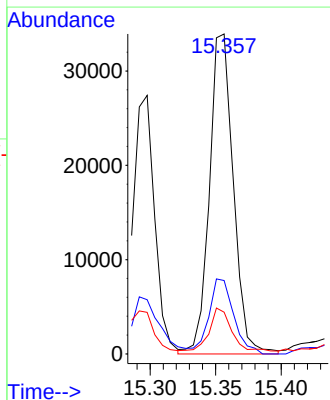
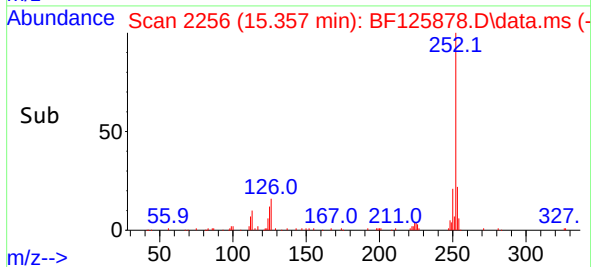
Tgt Ion: 252 Resp: 62546
Ion Ratio Lower Upper
252 100
253 21.7 16.8 25.2
125 14.2 9.8 14.8



#90
Benzo(a)pyrene
Concen: 2.46 ng
RT: 15.357 min Scan# 2256
Delta R.T. -0.006 min
Lab File: BF125878.D
Acq: 18 Oct 2021 15:40



Tgt Ion: 252 Resp: 43072
Ion Ratio Lower Upper
252 100
253 22.9 18.4 27.6
125 13.1 9.9 14.9



Instrument :
BNA_F
ClientSampleId :
TEST-DB-(1)

Manual Integrations
APPROVED

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