

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101821\
 Data File : BF125889.D
 Acq On : 18 Oct 2021 21:29
 Operator : JU/CG
 Sample : M4259-04 2X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-1-BS

Manual Integrations
 APPROVED

mohammad
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Quant Time: Oct 19 09:09:04 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	177958	20.00	ng	0.00
21) Naphthalene-d8	8.104	136	700570	20.00	ng	# 0.00
39) Acenaphthene-d10	9.857	164	314468	20.00	ng	0.00
64) Phenanthrene-d10	11.339	188	486579	20.00	ng	0.00
76) Chrysene-d12	13.974	240	411420	20.00	ng	0.00
86) Perylene-d12	15.421	264	275102	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	433389	39.78	ng	0.00
7) Phenol-d6	6.445	99	512143	36.52	ng	-0.01
23) Nitrobenzene-d5	7.381	82	283789	25.18	ng	-0.01
42) 2,4,6-Tribromophenol	10.639	330	106501	34.30	ng	0.00
45) 2-Fluorobiphenyl	9.175	172	556293	30.51	ng	0.00
79) Terphenyl-d14	12.922	244	508673	18.83	ng	0.00
Target Compounds						Qvalue
75) Fluoranthene	12.545	202	101820	4.33	ng	94
78) Pyrene	12.774	202	103927	2.49	ng	98
88) Benzo(b)fluoranthene	15.004	252	59526m	3.83	ng	
90) Benzo(a)pyrene	15.357	252	41530	3.02	ng	# 94
92) Benzo(g,h,i)perylene	17.286	276	41442	2.34	ng	95

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

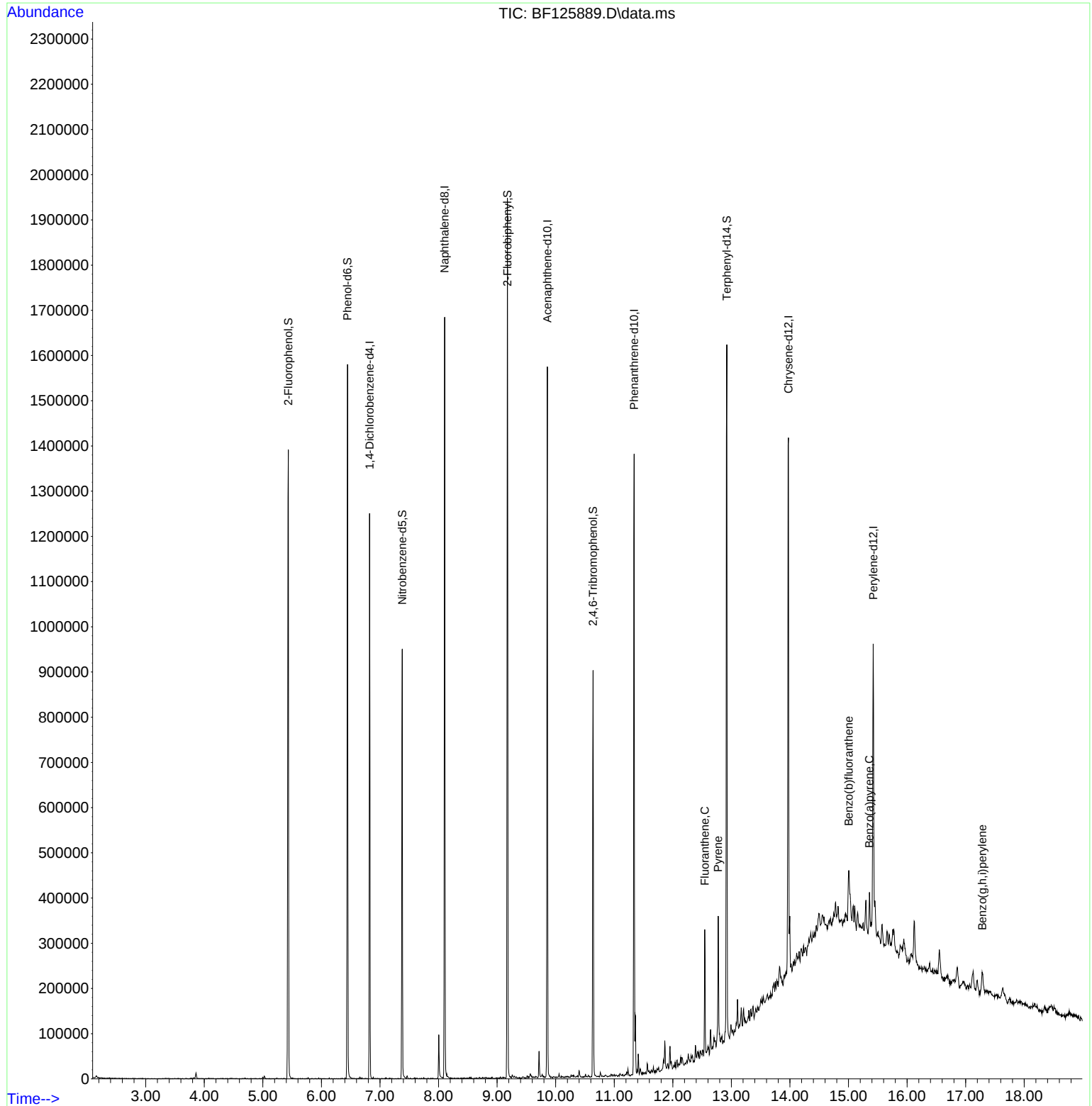
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101821\
Data File : BF125889.D
Acq On : 18 Oct 2021 21:29
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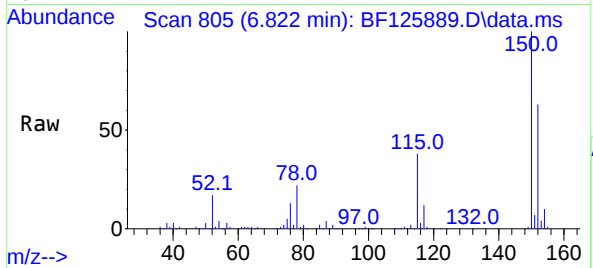
mohammad
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Quant Time: Oct 19 09:09:04 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF100721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 18 12:43:03 2021
Response via : Initial Calibration

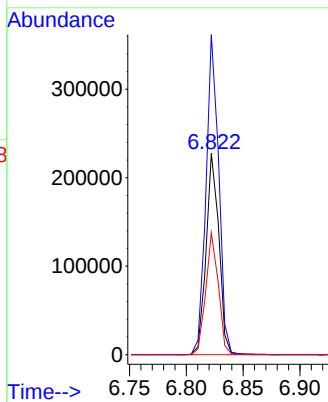
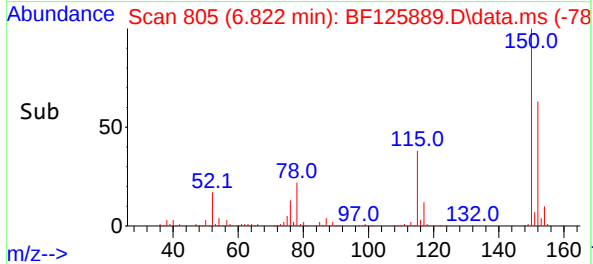




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.822 min Scan# 805
Delta R.T. -0.006 min
Lab File: BF125889.D
Acq: 18 Oct 2021 21:29



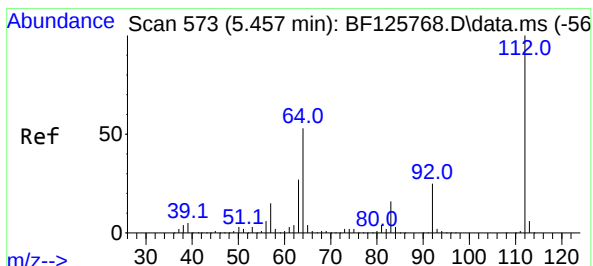
Tgt Ion:152 Resp: 177958
Ion Ratio Lower Upper
152 100
150 159.0 117.6 176.4
115 60.6 47.1 70.7



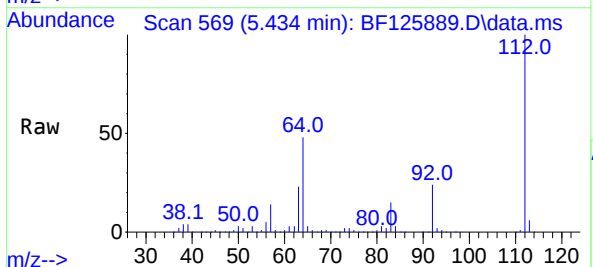
Instrument :
BNA_F
ClientSampled :
WC-1-BS

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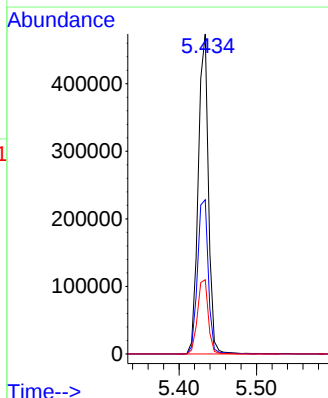
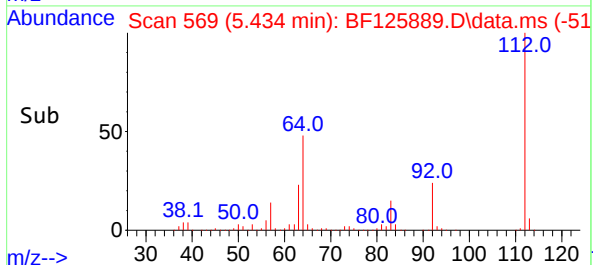
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#5
2-Fluorophenol
Concen: 39.78 ng
RT: 5.434 min Scan# 569
Delta R.T. -0.006 min
Lab File: BF125889.D
Acq: 18 Oct 2021 21:29



Tgt Ion:112 Resp: 433389
Ion Ratio Lower Upper
112 100
64 48.2 44.2 66.2
63 23.2 26.2 39.2#





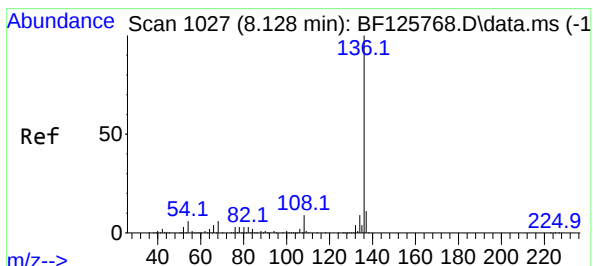
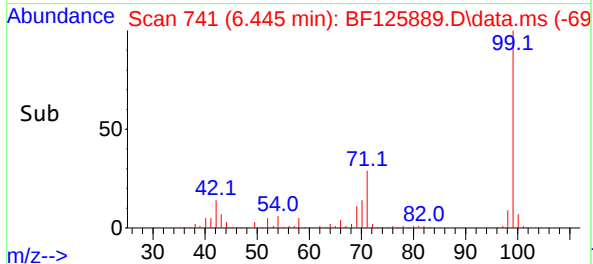
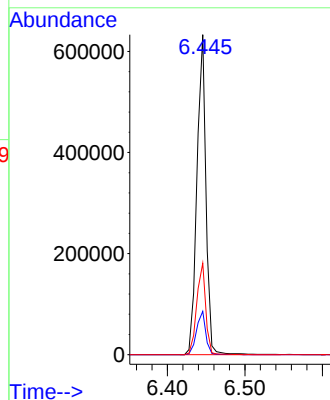
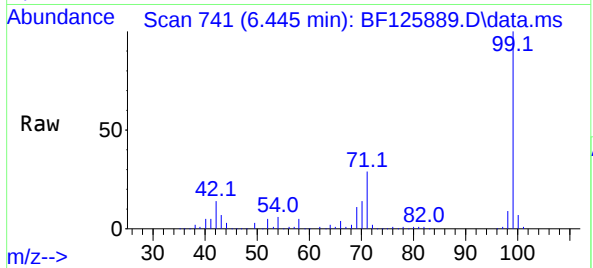
#7
Phenol-d6
Concen: 36.52 ng
RT: 6.445 min Scan# 741
Delta R.T. -0.012 min
Lab File: BF125889.D
Acq: 18 Oct 2021 21:29

Tgt Ion: 99 Resp: 512143
Ion Ratio Lower Upper
99 100
42 13.6 23.5 35.3#
71 28.6 25.6 38.4

Instrument :
BNA_F
ClientSampleId :
WC-1-BS

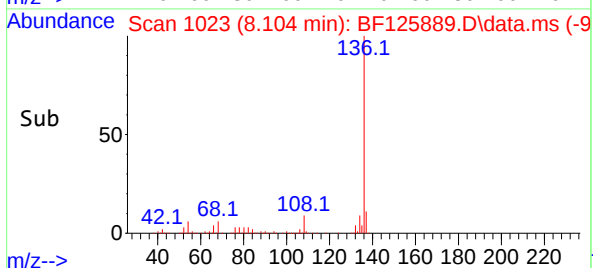
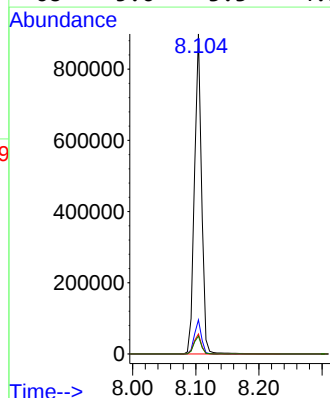
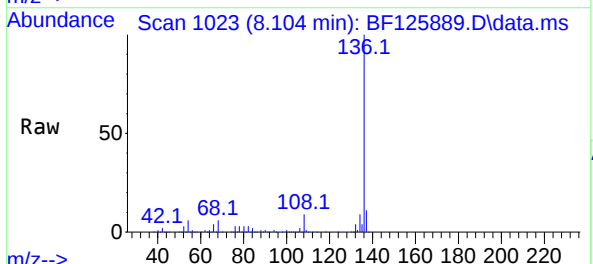
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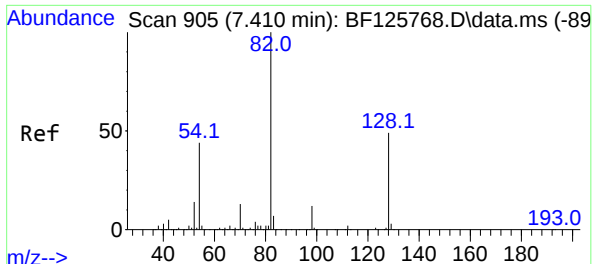
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#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.104 min Scan# 1023
Delta R.T. -0.006 min
Lab File: BF125889.D
Acq: 18 Oct 2021 21:29

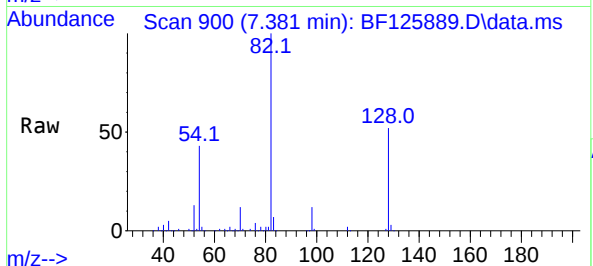
Tgt Ion: 136 Resp: 700570
Ion Ratio Lower Upper
136 100
137 10.6 9.8 14.6
54 6.3 6.4 9.6#
68 5.6 3.3 4.9#





#23
Nitrobenzene-d5
Concen: 25.18 ng
RT: 7.381 min Scan# 900
Delta R.T. -0.012 min
Lab File: BF125889.D
Acq: 18 Oct 2021 21:29

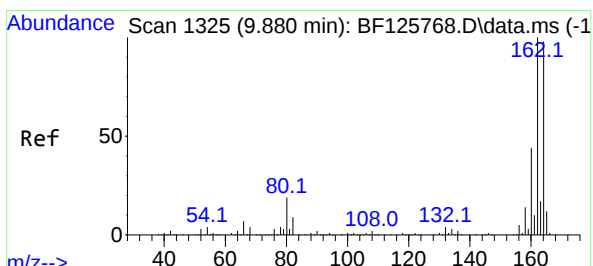
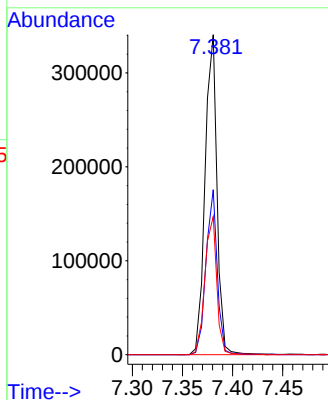
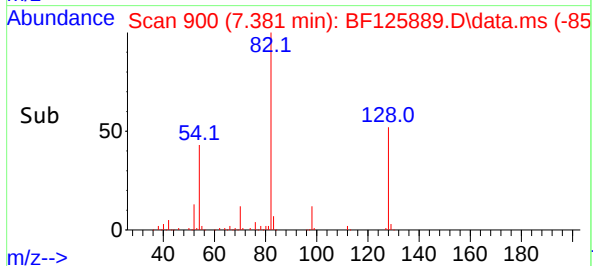
Instrument :
BNA_F
ClientSampled :
WC-1-BS



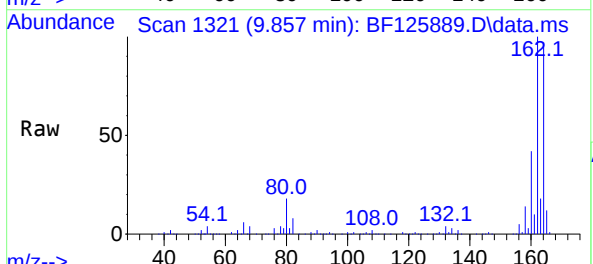
Tgt Ion: 82 Resp: 283789
Ion Ratio Lower Upper
82 100
128 51.6 40.6 60.8
54 43.2 49.6 74.4#

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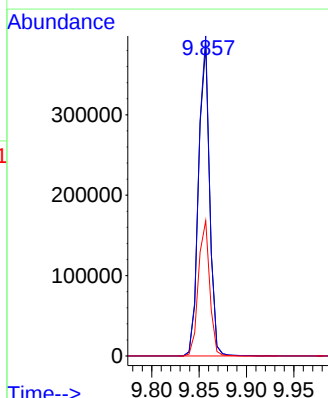
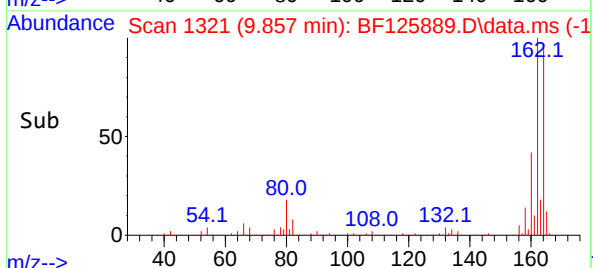
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#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.857 min Scan# 1321
Delta R.T. -0.006 min
Lab File: BF125889.D
Acq: 18 Oct 2021 21:29



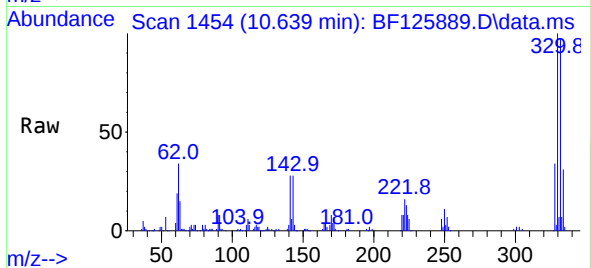
Tgt Ion: 164 Resp: 314468
Ion Ratio Lower Upper
164 100
162 102.9 81.3 121.9
160 43.5 38.0 57.0





#42
2,4,6-Tribromophenol
Concen: 34.30 ng
RT: 10.639 min Scan# 1454
Delta R.T. -0.006 min
Lab File: BF125889.D
Acq: 18 Oct 2021 21:29

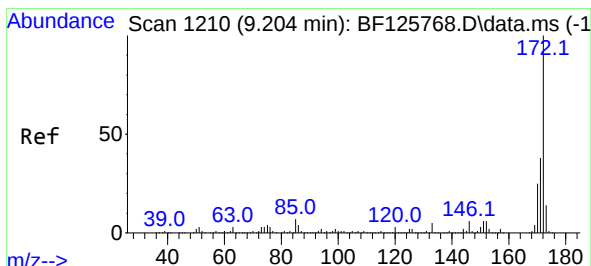
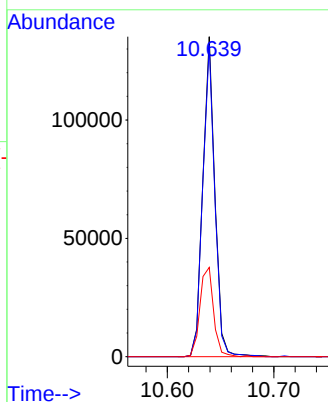
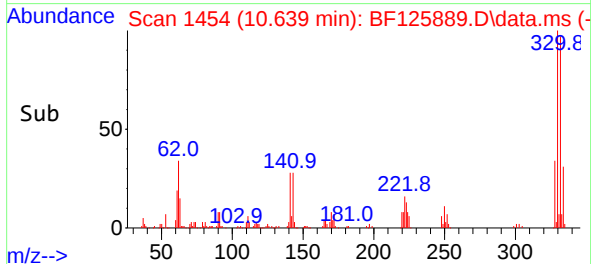
Instrument :
BNA_F
ClientSampled :
WC-1-BS



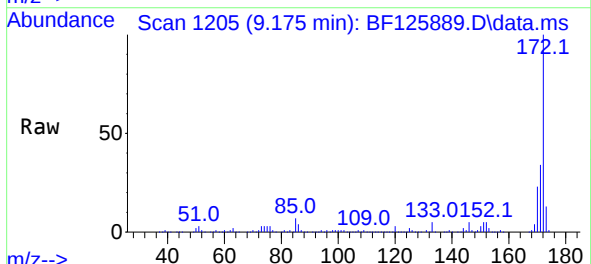
Tgt Ion:330 Resp: 106501
Ion Ratio Lower Upper
330 100
332 97.3 76.2 114.4
141 31.8 44.6 66.8#

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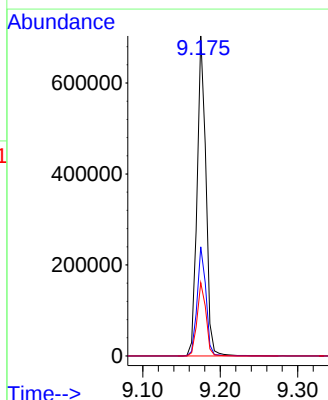
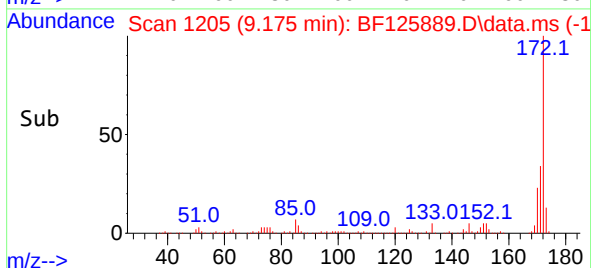
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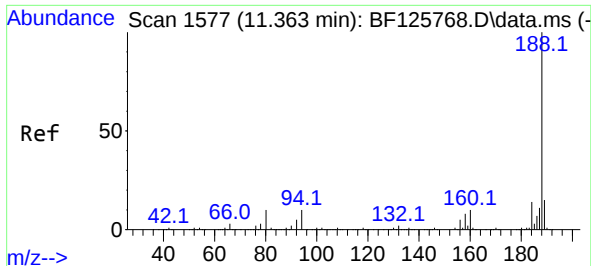


#45
2-Fluorobiphenyl
Concen: 30.51 ng
RT: 9.175 min Scan# 1205
Delta R.T. -0.006 min
Lab File: BF125889.D
Acq: 18 Oct 2021 21:29



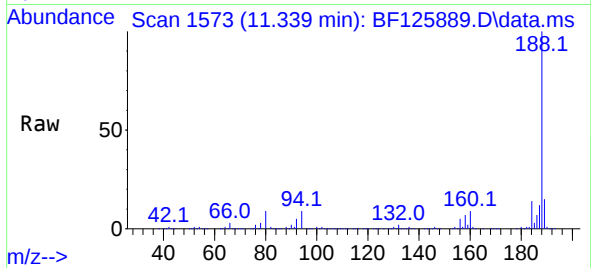
Tgt Ion:172 Resp: 556293
Ion Ratio Lower Upper
172 100
171 34.1 26.5 39.7
170 22.9 18.8 28.2





#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.339 min Scan# 1573
Delta R.T. 0.000 min
Lab File: BF125889.D
Acq: 18 Oct 2021 21:29

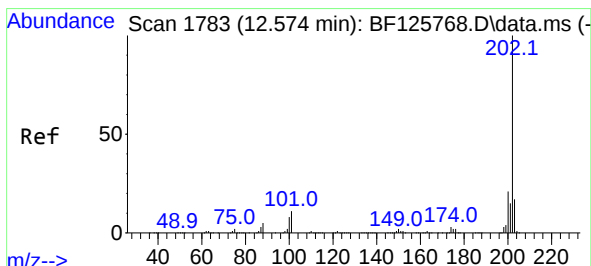
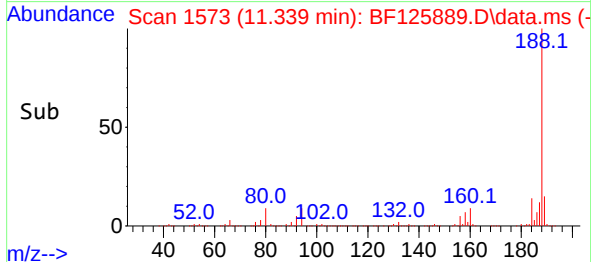
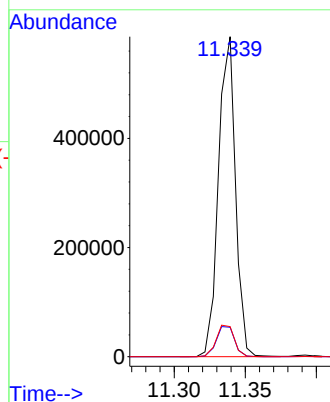
Instrument :
BNA_F
ClientSampled :
WC-1-BS



Tgt Ion:188 Resp: 486579
Ion Ratio Lower Upper
188 100
94 9.2 6.7 10.1
80 9.4 7.5 11.3

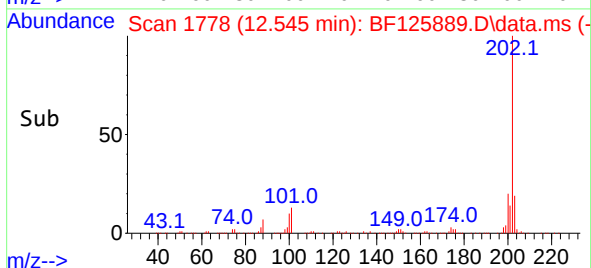
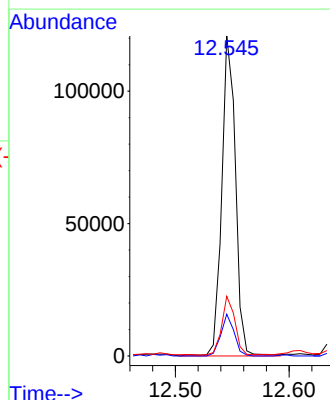
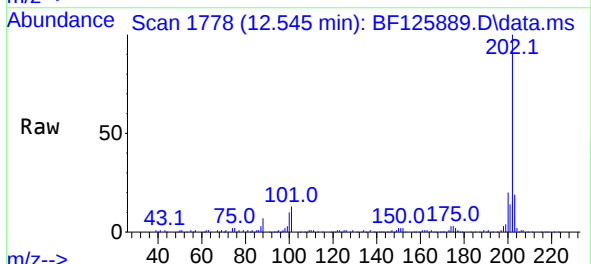
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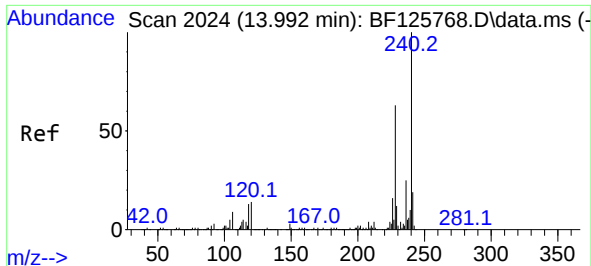
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#75
Fluoranthene
Concen: 4.33 ng
RT: 12.545 min Scan# 1778
Delta R.T. -0.006 min
Lab File: BF125889.D
Acq: 18 Oct 2021 21:29

Tgt Ion:202 Resp: 101820
Ion Ratio Lower Upper
202 100
101 13.1 0.0 30.7
203 18.7 0.0 36.3





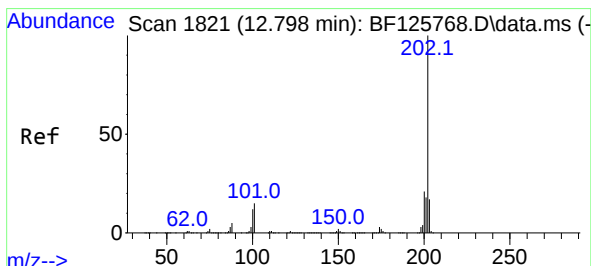
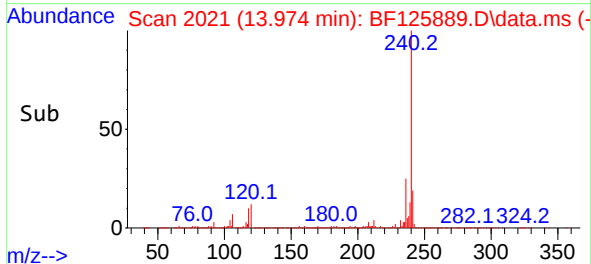
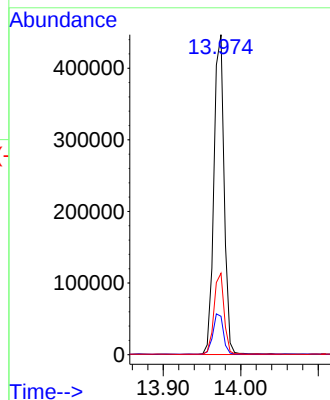
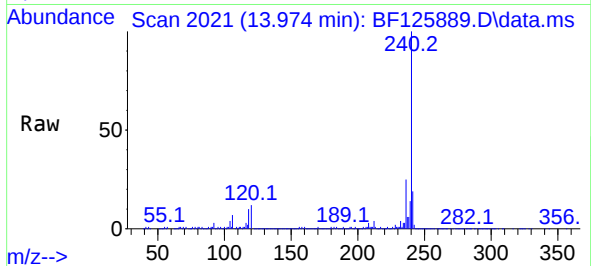
#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.974 min Scan# 2021
Delta R.T. 0.000 min
Lab File: BF125889.D
Acq: 18 Oct 2021 21:29

Tgt Ion:240 Resp: 411420
Ion Ratio Lower Upper
240 100
120 12.0 10.8 16.2
236 25.4 21.6 32.4

Instrument :
BNA_F
ClientSampled :
WC-1-BS

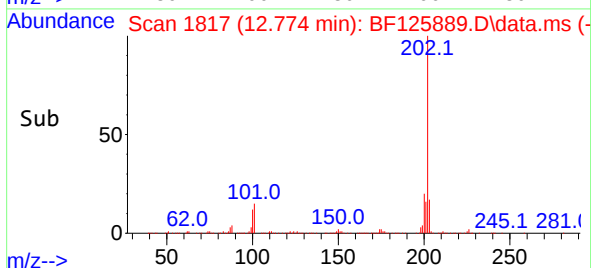
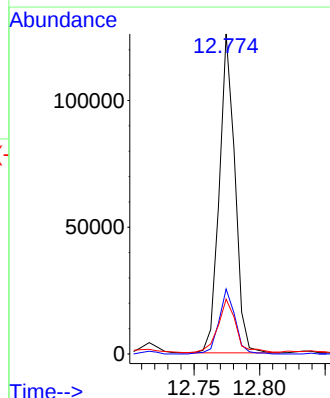
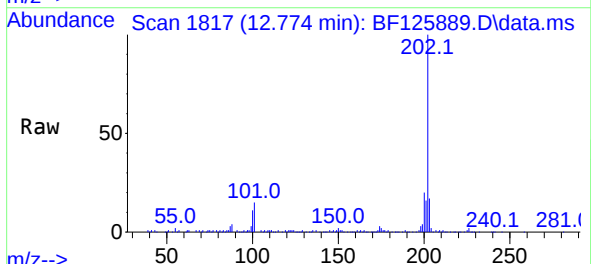
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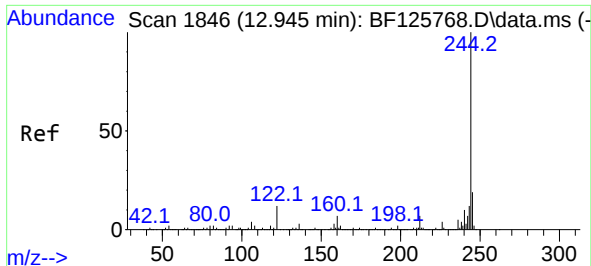
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#78
Pyrene
Concen: 2.49 ng
RT: 12.774 min Scan# 1817
Delta R.T. -0.006 min
Lab File: BF125889.D
Acq: 18 Oct 2021 21:29

Tgt Ion:202 Resp: 103927
Ion Ratio Lower Upper
202 100
200 20.3 15.3 22.9
203 17.1 13.4 20.0





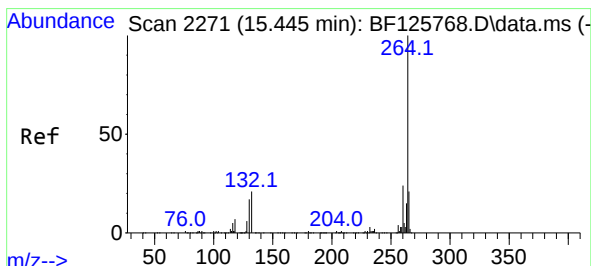
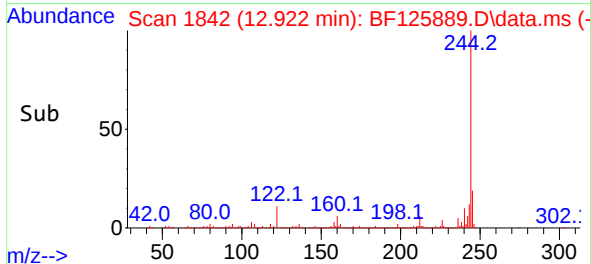
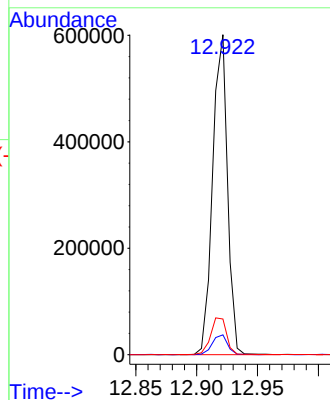
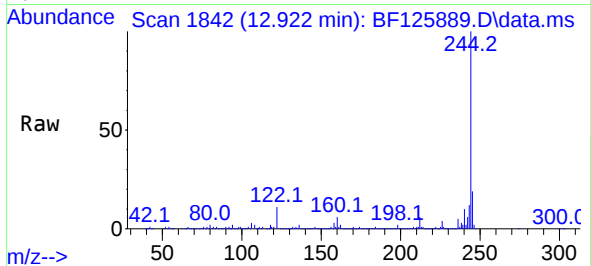
#79
Terphenyl-d14
Concen: 18.83 ng
RT: 12.922 min Scan# 1842
Delta R.T. 0.000 min
Lab File: BF125889.D
Acq: 18 Oct 2021 21:29

Tgt Ion:244 Resp: 508673
Ion Ratio Lower Upper
244 100
212 6.2 5.9 8.9
122 11.1 9.0 13.4

Instrument :
BNA_F
ClientSampled :
WC-1-BS

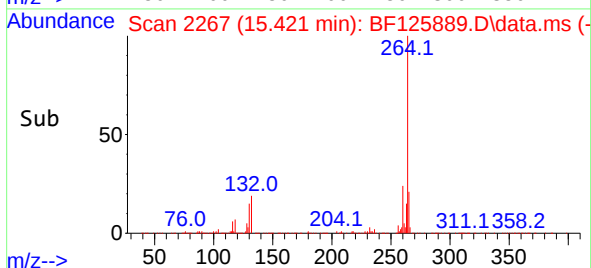
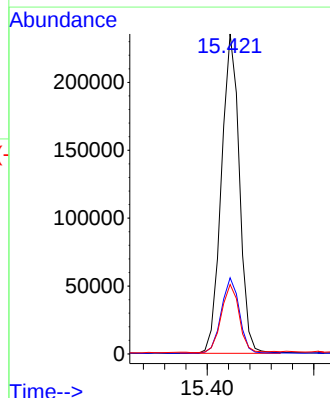
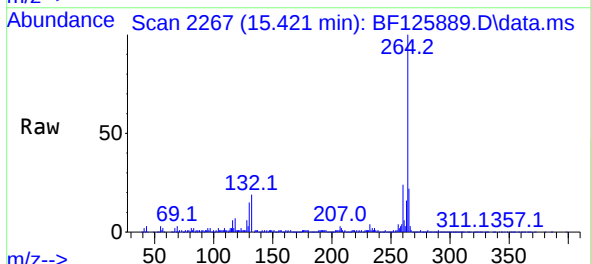
Manual Integrations
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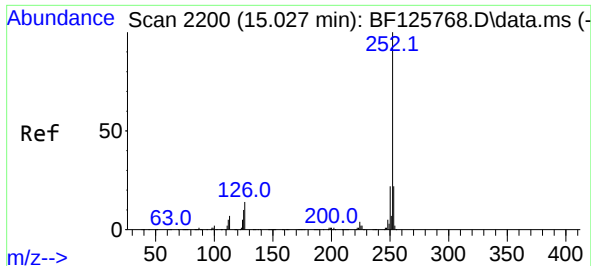
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#86
Perylene-d12
Concen: 20.00 ng
RT: 15.421 min Scan# 2267
Delta R.T. 0.000 min
Lab File: BF125889.D
Acq: 18 Oct 2021 21:29

Tgt Ion:264 Resp: 275102
Ion Ratio Lower Upper
264 100
260 23.8 19.6 29.4
265 21.7 17.2 25.8





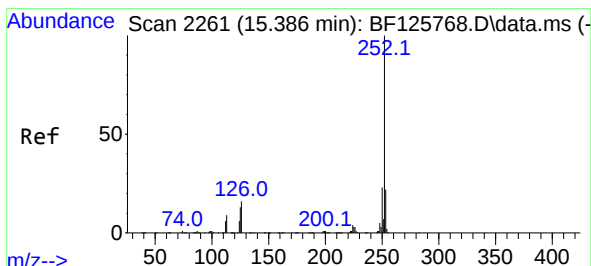
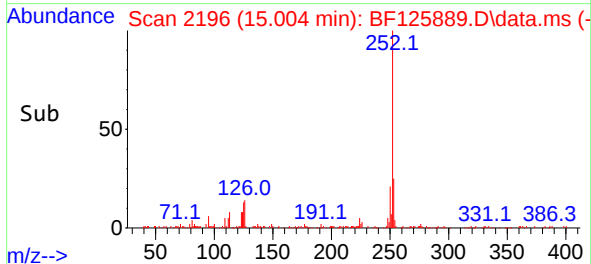
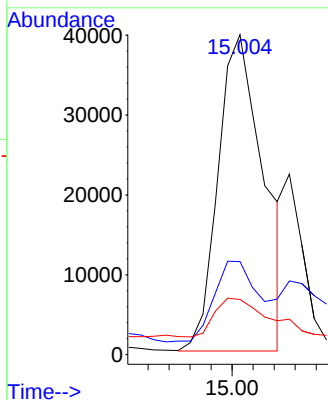
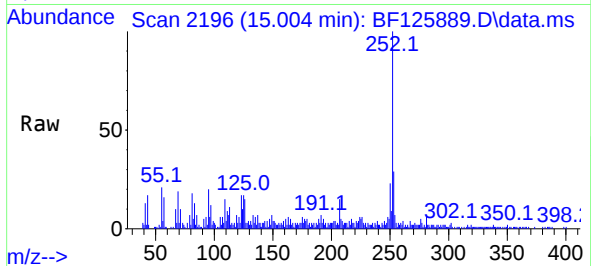
#88
Benzo(b)fluoranthene
Concen: 3.83 ng m
RT: 15.004 min Scan# 2196
Delta R.T. 0.000 min
Lab File: BF125889.D
Acq: 18 Oct 2021 21:29

Tgt Ion:252 Resp: 59526
Ion Ratio Lower Upper
252 100
253 29.1 16.8 25.2#
125 17.2 9.8 14.8#

Instrument :
BNA_F
ClientSampleId :
WC-1-BS

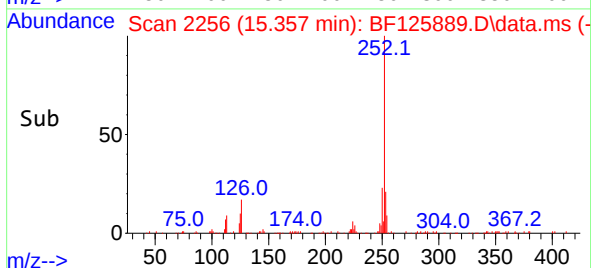
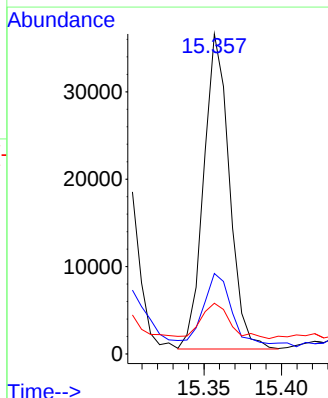
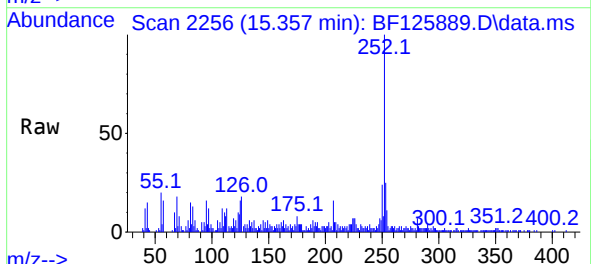
Manual Integrations
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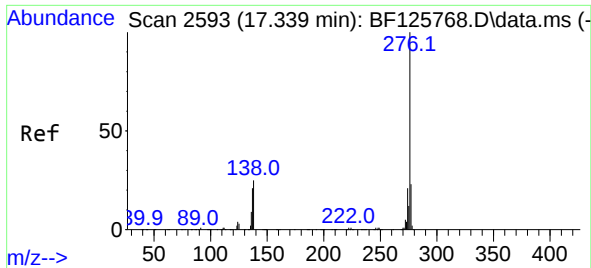
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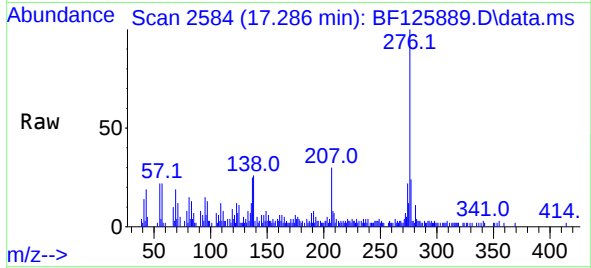
#90
Benzo(a)pyrene
Concen: 3.02 ng
RT: 15.357 min Scan# 2256
Delta R.T. -0.006 min
Lab File: BF125889.D
Acq: 18 Oct 2021 21:29

Tgt Ion:252 Resp: 41530
Ion Ratio Lower Upper
252 100
253 25.1 18.4 27.6
125 15.9 9.9 14.9#

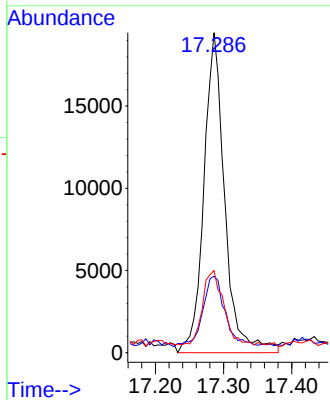
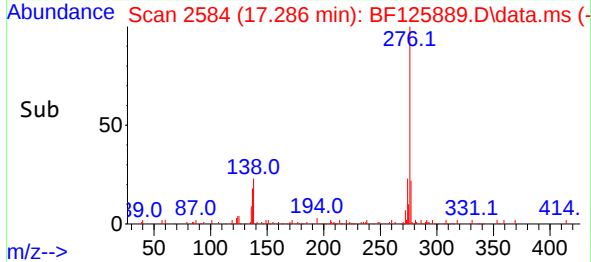




#92
Benzo(g,h,i)perylene
Concen: 2.34 ng
RT: 17.286 min Scan# 2584
Delta R.T. -0.012 min
Lab File: BF125889.D
Acq: 18 Oct 2021 21:29



Tgt Ion:	276	Resp:	41442
Ion	Ratio	Lower	Upper
276	100		
277	23.9	22.0	33.0
138	25.7	22.2	33.4



Instrument :
BNA_F
ClientSampleId :
WC-1-BS

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