

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101821\
 Data File : BF125888.D
 Acq On : 18 Oct 2021 20:58
 Operator : JU/CG
 Sample : M4259-10
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-1-AS

Manual Integrations
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Quant Time: Oct 19 09:08:55 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	155740	20.00	ng	0.00
21) Naphthalene-d8	8.104	136	620616	20.00	ng	# 0.00
39) Acenaphthene-d10	9.857	164	287385	20.00	ng	0.00
64) Phenanthrene-d10	11.339	188	418542	20.00	ng	0.00
76) Chrysene-d12	13.974	240	359706	20.00	ng	0.00
86) Perylene-d12	15.421	264	241707	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	831024	87.17	ng	0.00
7) Phenol-d6	6.451	99	1008535	82.18	ng	0.00
23) Nitrobenzene-d5	7.381	82	587156	58.81	ng	-0.01
42) 2,4,6-Tribromophenol	10.639	330	218682	77.07	ng	0.00
45) 2-Fluorobiphenyl	9.175	172	1138877	68.35	ng	0.00
79) Terphenyl-d14	12.921	244	959266	40.62	ng	0.00
Target Compounds						Qvalue
75) Fluoranthene	12.545	202	107253	5.31	ng	97
78) Pyrene	12.774	202	112522	3.08	ng	97
81) Benzo(a)anthracene	13.963	228	56318	2.41	ng	# 86
83) Chrysene	13.998	228	60329	2.62	ng	# 96
88) Benzo(b)fluoranthene	15.004	252	70256m	5.15	ng	
90) Benzo(a)pyrene	15.357	252	44074	3.65	ng	# 92

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

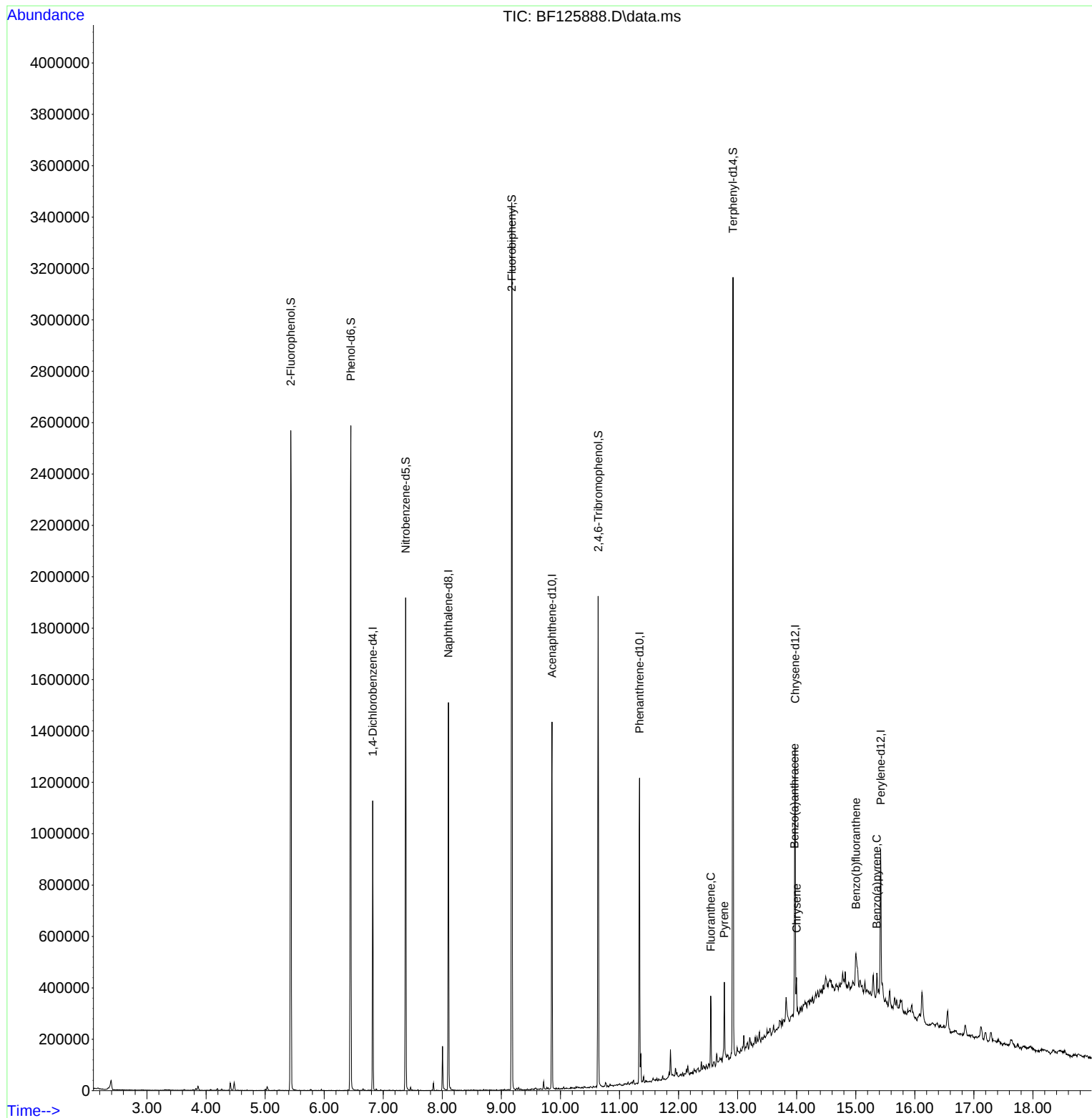
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Data File : BF125888.D
Acq On : 18 Oct 2021 20:58
Operator : JU/CG
Sample : M4259-10
Misc :
ALS Vial : 19 Sample Multiplier: 1

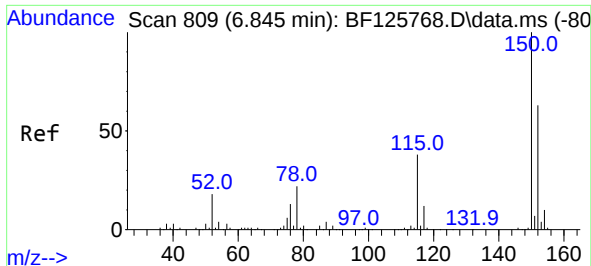
Instrument :
BNA_F
ClientSampleId :
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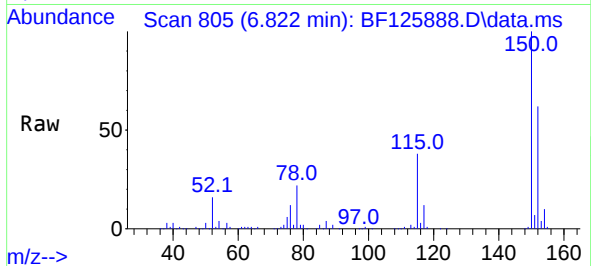
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF100721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 18 12:43:03 2021
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.822 min Scan# 805
Delta R.T. -0.006 min
Lab File: BF125888.D
Acq: 18 Oct 2021 20:58

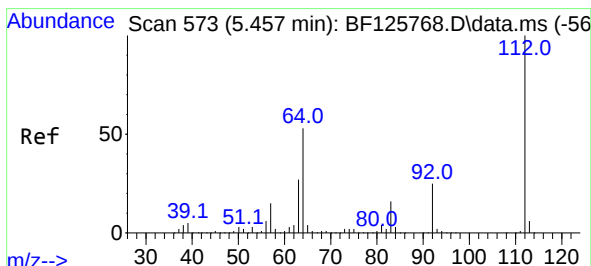
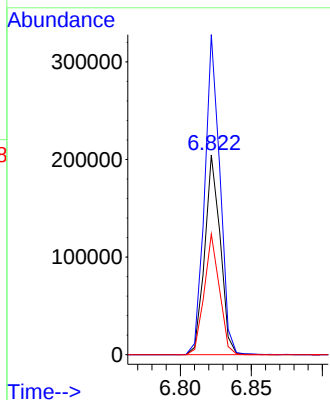
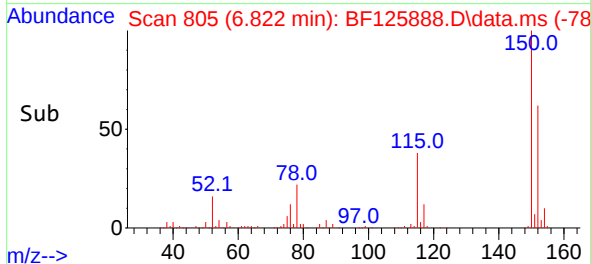
Instrument :
BNA_F
ClientSampled :
WC-1-AS



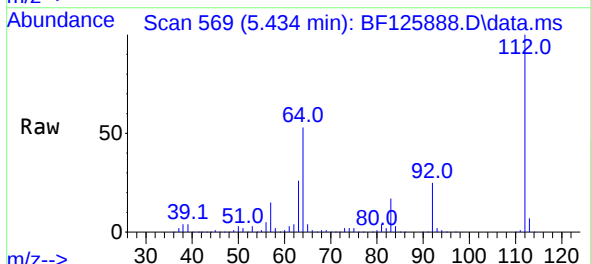
Tgt Ion:152 Resp: 155740
Ion Ratio Lower Upper
152 100
150 160.3 117.6 176.4
115 60.4 47.1 70.7

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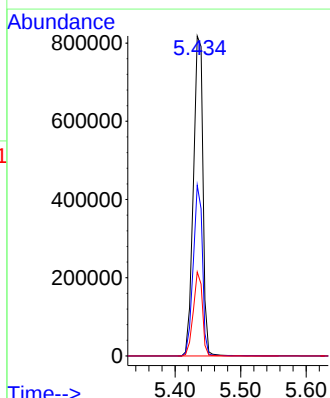
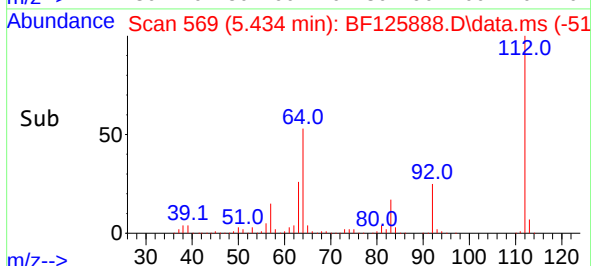
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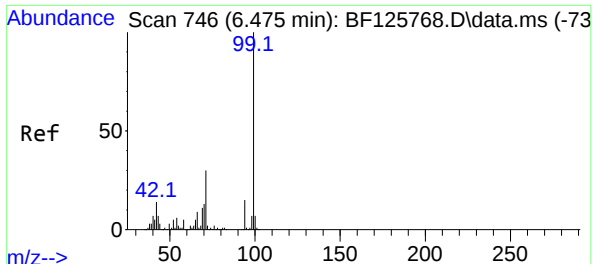


#5
2-Fluorophenol
Concen: 87.17 ng
RT: 5.434 min Scan# 569
Delta R.T. -0.006 min
Lab File: BF125888.D
Acq: 18 Oct 2021 20:58



Tgt Ion:112 Resp: 831024
Ion Ratio Lower Upper
112 100
64 53.3 44.2 66.2
63 26.2 26.2 39.2





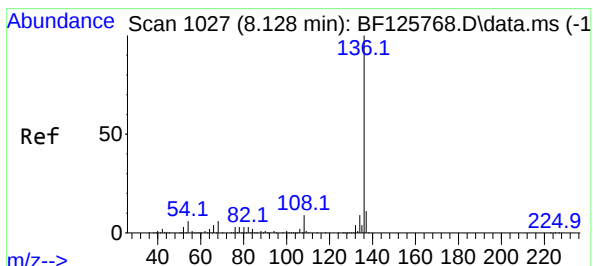
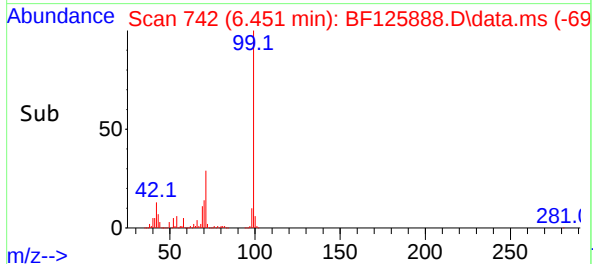
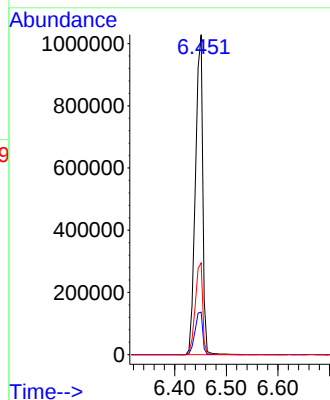
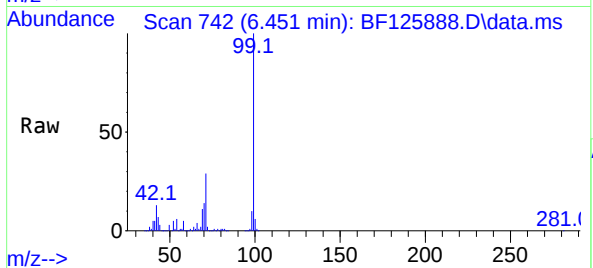
#7
Phenol-d6
Concen: 82.18 ng
RT: 6.451 min Scan# 742
Delta R.T. -0.006 min
Lab File: BF125888.D
Acq: 18 Oct 2021 20:58

Tgt Ion: 99 Resp: 1008535
Ion Ratio Lower Upper
99 100
42 13.3 23.5 35.3#
71 28.7 25.6 38.4

Instrument :
BNA_F
ClientSampleId :
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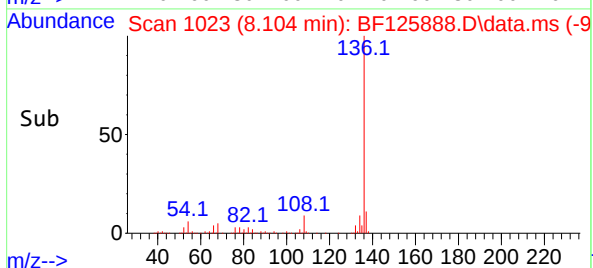
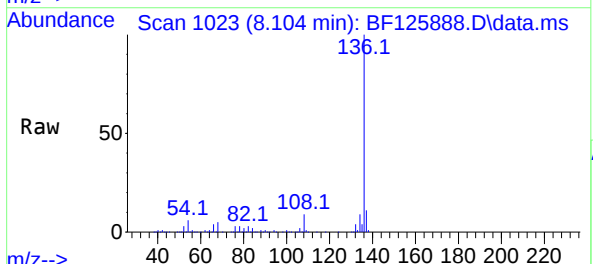
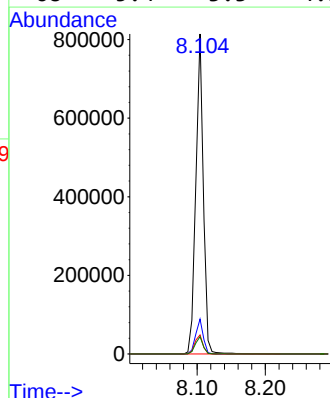
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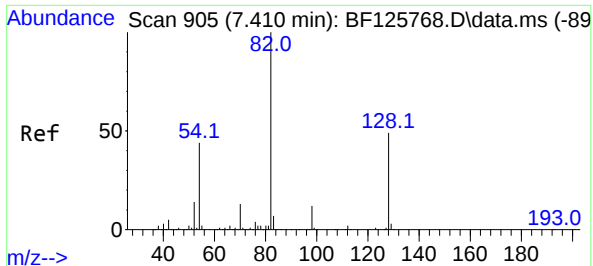
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#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.104 min Scan# 1023
Delta R.T. -0.006 min
Lab File: BF125888.D
Acq: 18 Oct 2021 20:58

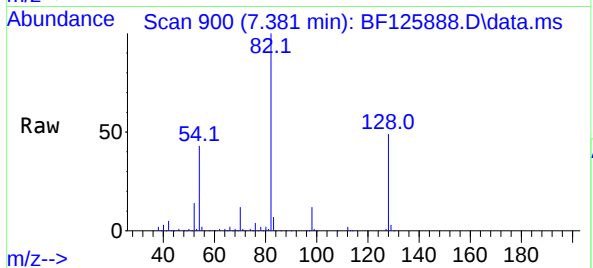
Tgt Ion: 136 Resp: 620616
Ion Ratio Lower Upper
136 100
137 10.9 9.8 14.6
54 5.9 6.4 9.6#
68 5.4 3.3 4.9#





#23
Nitrobenzene-d5
Concen: 58.81 ng
RT: 7.381 min Scan# 900
Delta R.T. -0.012 min
Lab File: BF125888.D
Acq: 18 Oct 2021 20:58

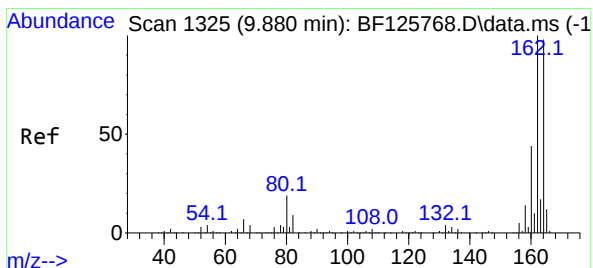
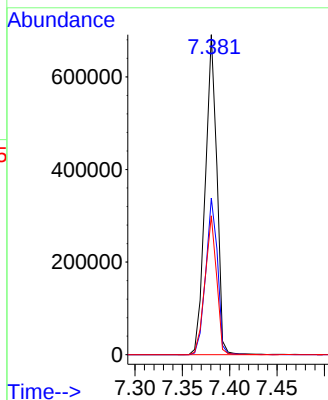
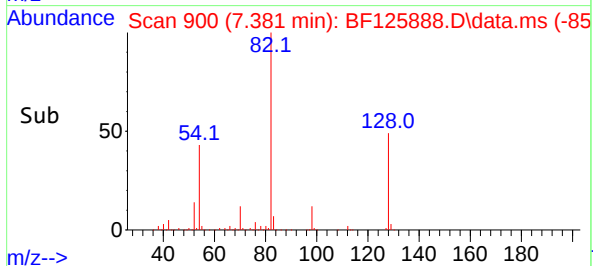
Instrument :
BNA_F
ClientSampled :
WC-1-AS



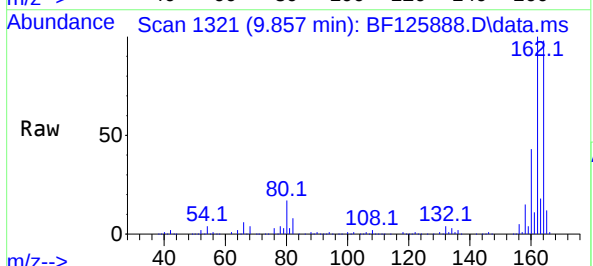
Tgt Ion: 82 Resp: 587156
Ion Ratio Lower Upper
82 100
128 48.9 40.6 60.8
54 43.4 49.6 74.4#

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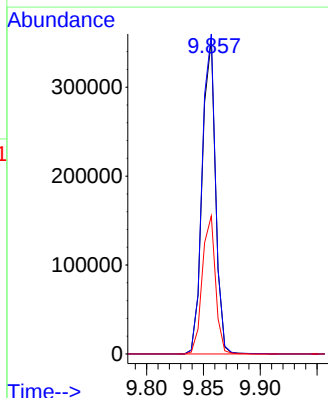
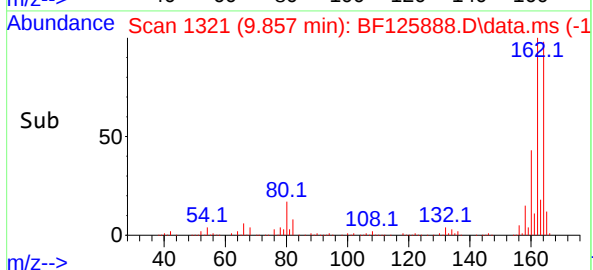
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#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.857 min Scan# 1321
Delta R.T. -0.006 min
Lab File: BF125888.D
Acq: 18 Oct 2021 20:58



Tgt Ion: 164 Resp: 287385
Ion Ratio Lower Upper
164 100
162 101.8 81.3 121.9
160 43.9 38.0 57.0





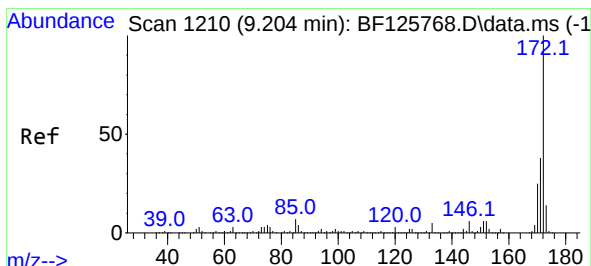
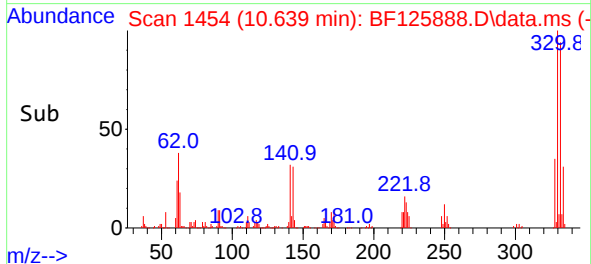
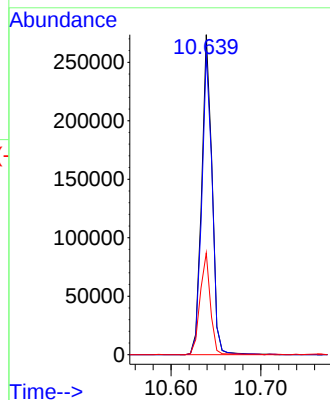
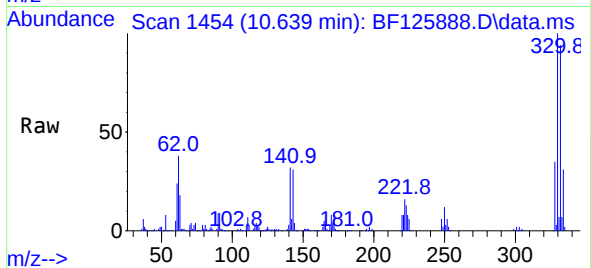
#42
2,4,6-Tribromophenol
Concen: 77.07 ng
RT: 10.639 min Scan# 1454
Delta R.T. -0.006 min
Lab File: BF125888.D
Acq: 18 Oct 2021 20:58

Tgt Ion: 330 Resp: 218682
Ion Ratio Lower Upper
330 100
332 94.5 76.2 114.4
141 32.0 44.6 66.8#

Instrument :
BNA_F
ClientSampled :
WC-1-AS

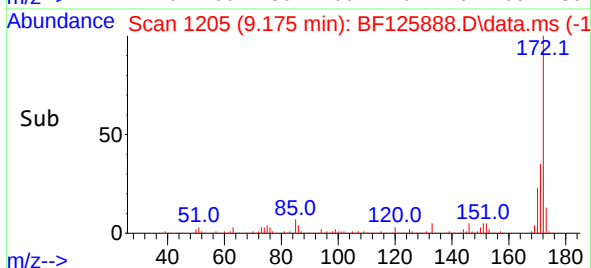
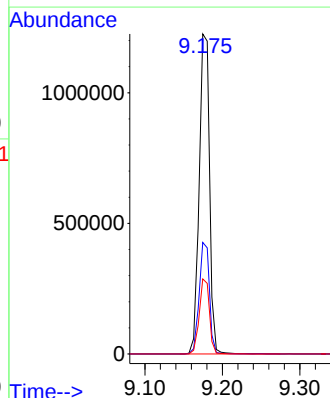
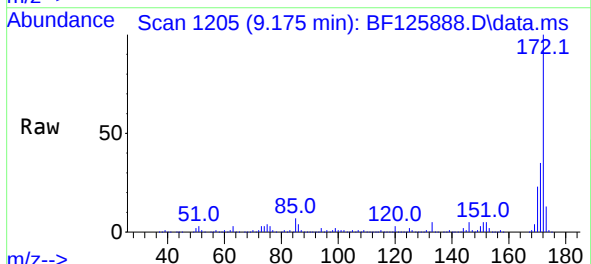
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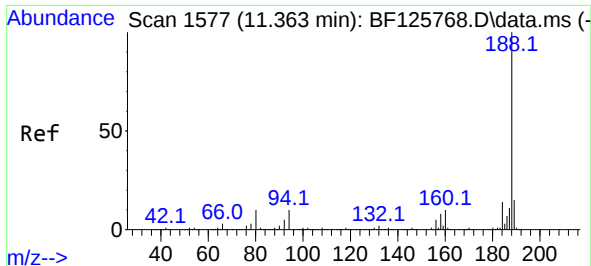
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#45
2-Fluorobiphenyl
Concen: 68.35 ng
RT: 9.175 min Scan# 1205
Delta R.T. -0.006 min
Lab File: BF125888.D
Acq: 18 Oct 2021 20:58

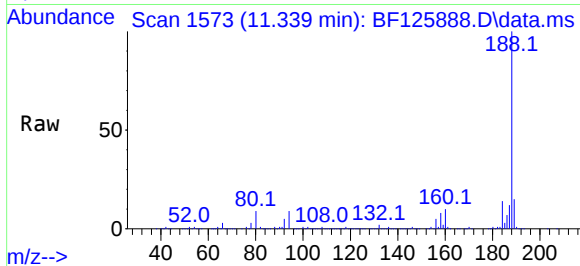
Tgt Ion: 172 Resp: 1138877
Ion Ratio Lower Upper
172 100
171 34.8 26.5 39.7
170 23.5 18.8 28.2





#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.339 min Scan# 1573
Delta R.T. -0.000 min
Lab File: BF125888.D
Acq: 18 Oct 2021 20:58

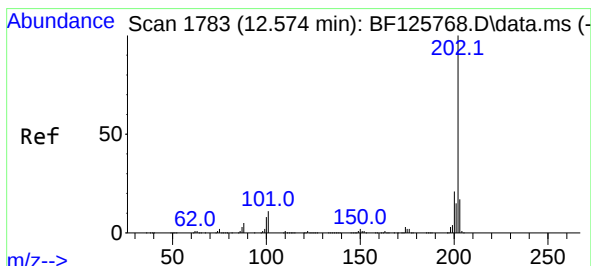
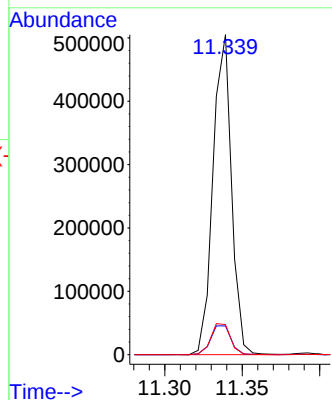
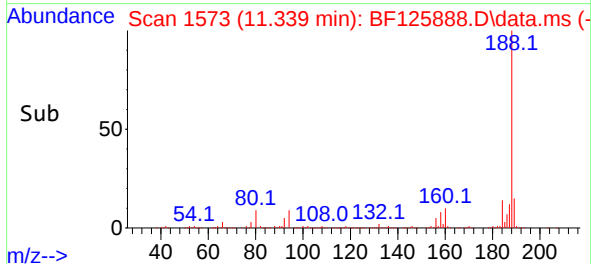
Instrument :
BNA_F
ClientSampled :
WC-1-AS



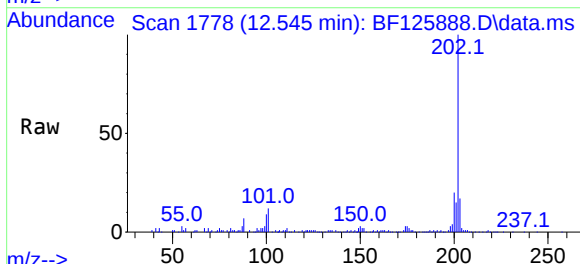
Tgt Ion:188 Resp: 418542
Ion Ratio Lower Upper
188 100
94 9.0 6.7 10.1
80 9.4 7.5 11.3

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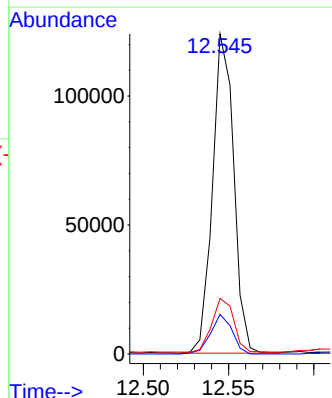
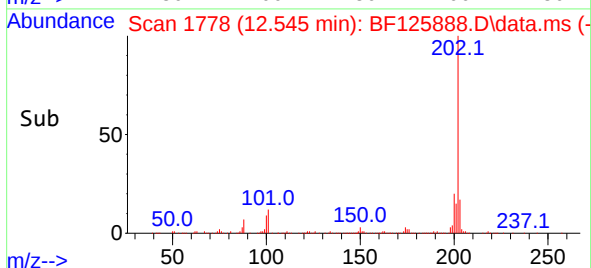
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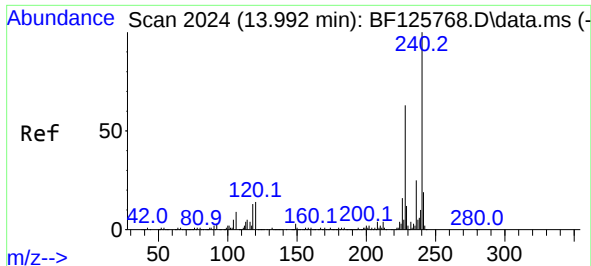


#75
Fluoranthene
Concen: 5.31 ng
RT: 12.545 min Scan# 1778
Delta R.T. -0.006 min
Lab File: BF125888.D
Acq: 18 Oct 2021 20:58



Tgt Ion:202 Resp: 107253
Ion Ratio Lower Upper
202 100
101 12.4 0.0 30.7
203 17.4 0.0 36.3





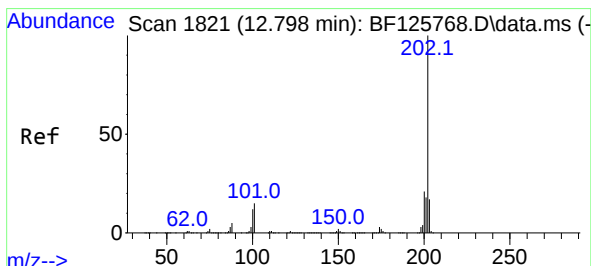
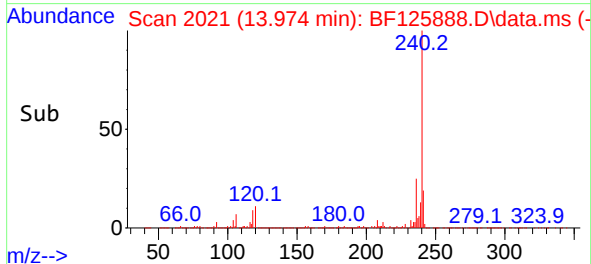
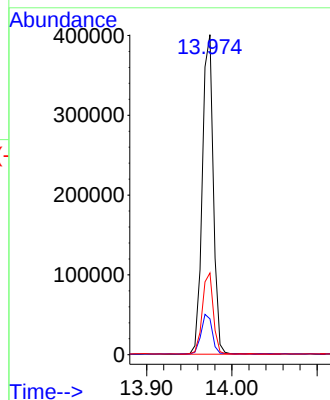
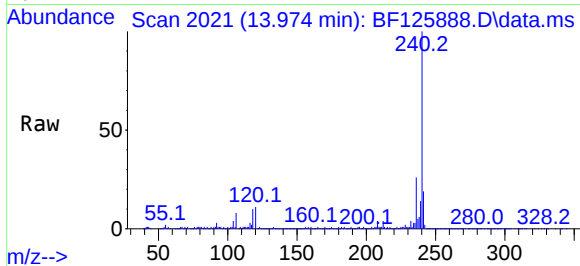
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Chrysene-d12
Concen: 20.00 ng
RT: 13.974 min Scan# 2021
Delta R.T. -0.000 min
Lab File: BF125888.D
Acq: 18 Oct 2021 20:58

Tgt Ion:	240	Resp:	359706
Ion Ratio	Lower	Upper	
240	100		
120	11.2	10.8	16.2
236	25.6	21.6	32.4

Instrument :
BNA_F
ClientSampled :
WC-1-AS

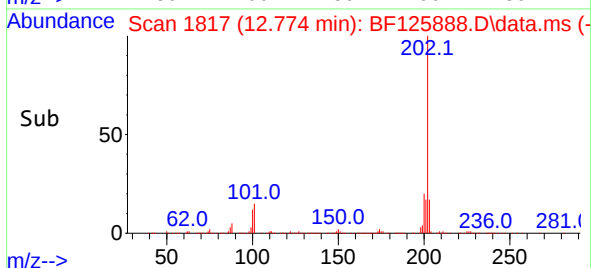
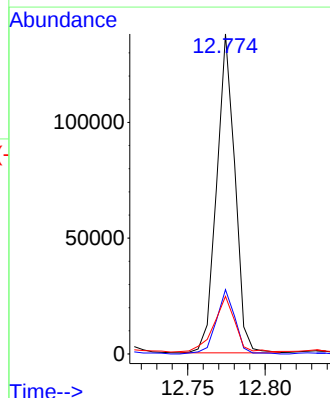
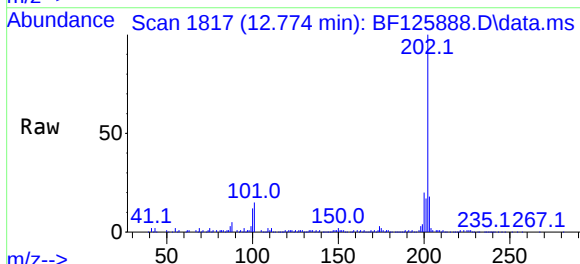
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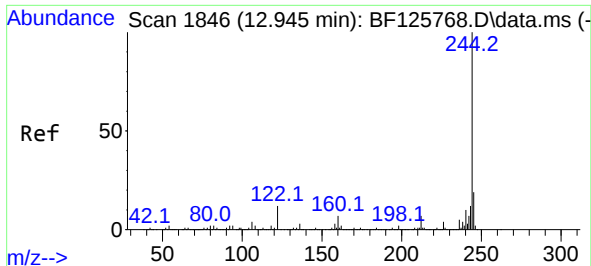
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#78
Pyrene
Concen: 3.08 ng
RT: 12.774 min Scan# 1817
Delta R.T. -0.006 min
Lab File: BF125888.D
Acq: 18 Oct 2021 20:58

Tgt Ion:	202	Resp:	112522
Ion Ratio	Lower	Upper	
202	100		
200	20.1	15.3	22.9
203	18.0	13.4	20.0





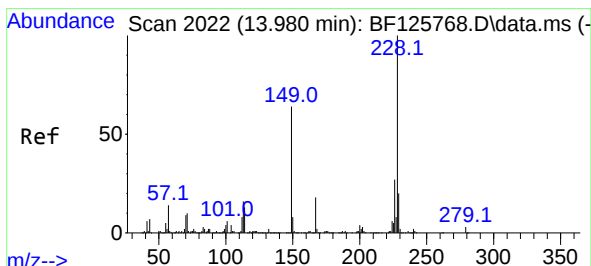
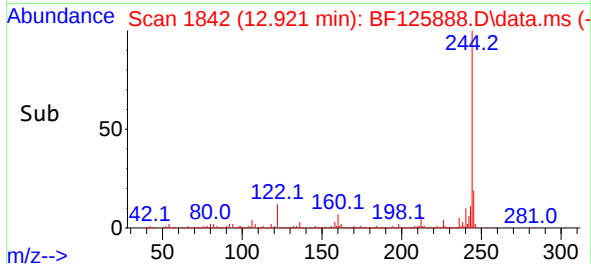
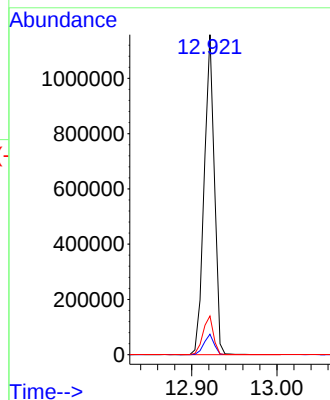
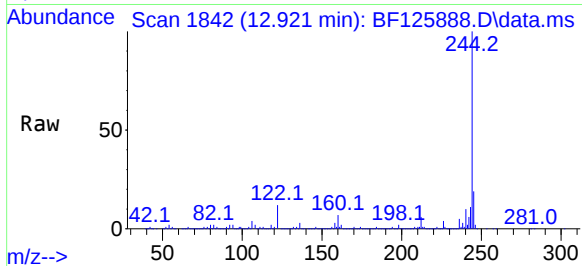
#79
Terphenyl-d14
Concen: 40.62 ng
RT: 12.921 min Scan# 1842
Delta R.T. -0.000 min
Lab File: BF125888.D
Acq: 18 Oct 2021 20:58

Tgt Ion:244 Resp: 959266
Ion Ratio Lower Upper
244 100
212 6.4 5.9 8.9
122 12.1 9.0 13.4

Instrument :
BNA_F
ClientSampled :
WC-1-AS

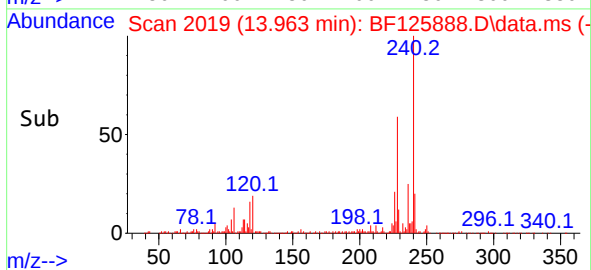
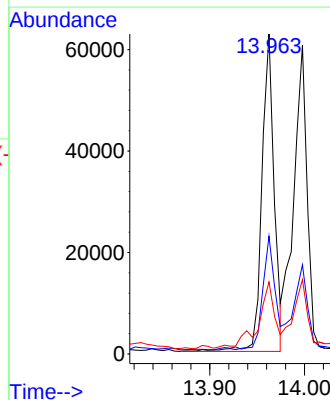
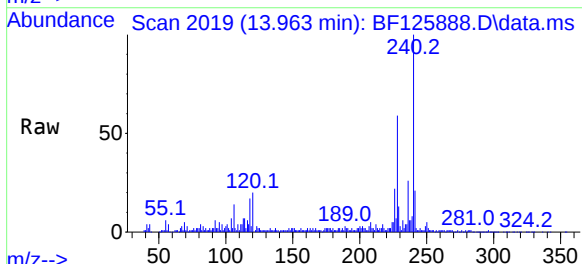
Manual Integrations
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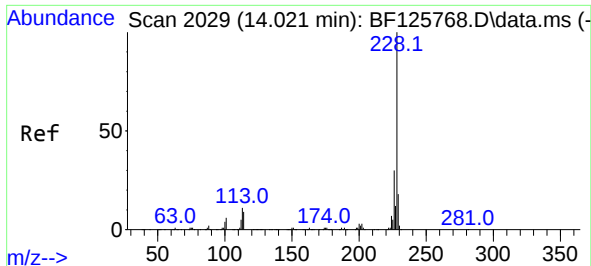
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#81
Benzo(a)anthracene
Concen: 2.41 ng
RT: 13.963 min Scan# 2019
Delta R.T. 0.000 min
Lab File: BF125888.D
Acq: 18 Oct 2021 20:58

Tgt Ion:228 Resp: 56318
Ion Ratio Lower Upper
228 100
226 36.8 21.6 32.4#
229 22.5 15.6 23.4





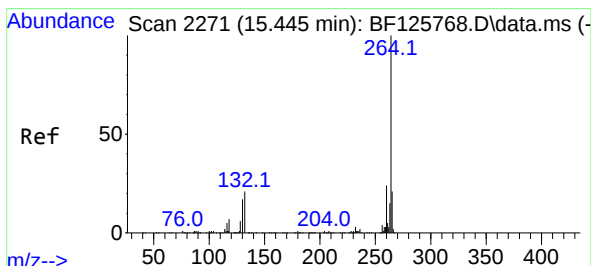
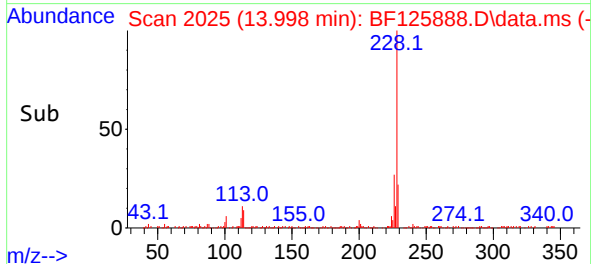
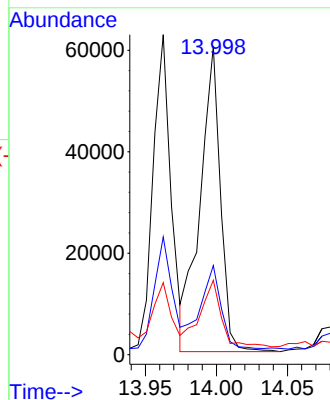
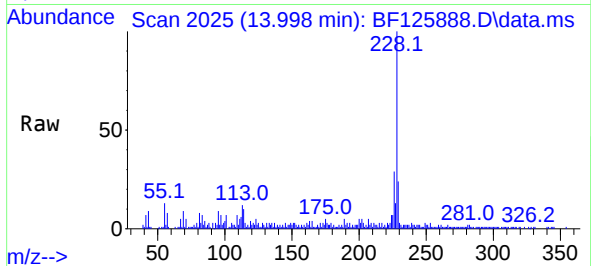
#83
Chrysene
Concen: 2.62 ng
RT: 13.998 min Scan# 2025
Delta R.T. -0.006 min
Lab File: BF125888.D
Acq: 18 Oct 2021 20:58

Tgt Ion:228 Resp: 60329
Ion Ratio Lower Upper
228 100
226 28.9 22.6 34.0
229 24.1 15.9 23.9#

Instrument :
BNA_F
ClientSampled :
WC-1-AS

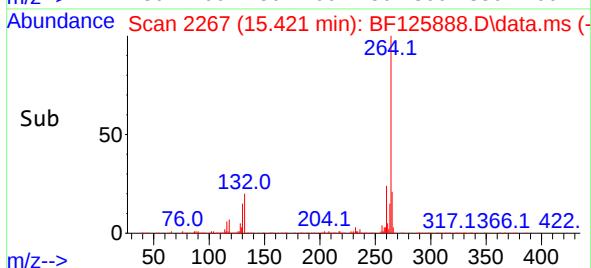
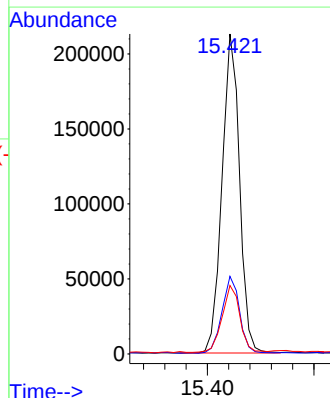
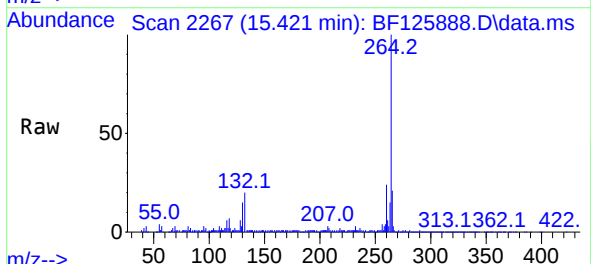
Manual Integrations
APPROVED

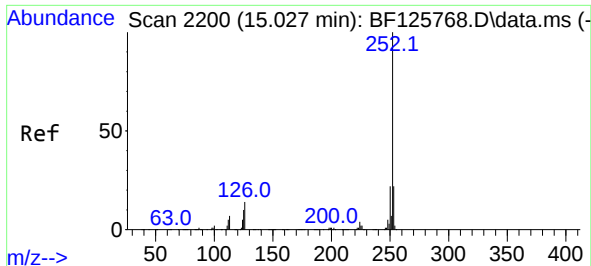
mohammad
10/19/2021 12:09:55 PM



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.421 min Scan# 2267
Delta R.T. -0.000 min
Lab File: BF125888.D
Acq: 18 Oct 2021 20:58

Tgt Ion:264 Resp: 241707
Ion Ratio Lower Upper
264 100
260 24.2 19.6 29.4
265 21.4 17.2 25.8





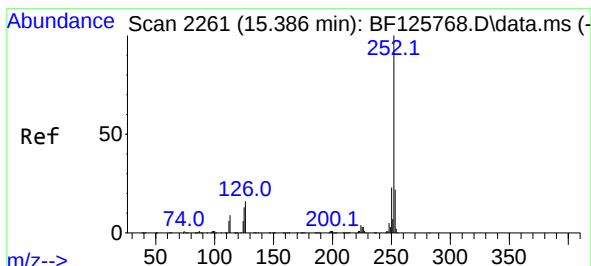
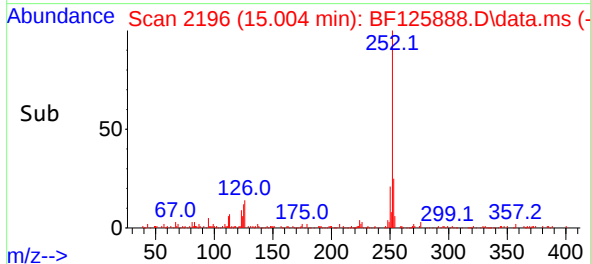
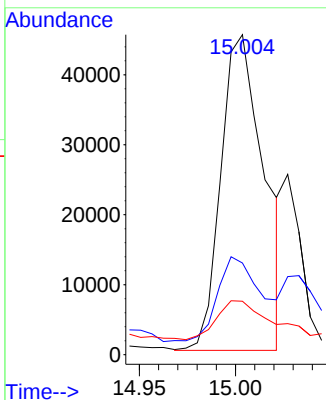
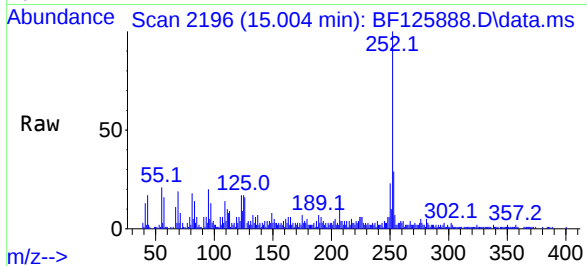
#88
Benzo(b)fluoranthene
Concen: 5.15 ng m
RT: 15.004 min Scan# 2196
Delta R.T. -0.000 min
Lab File: BF125888.D
Acq: 18 Oct 2021 20:58

Tgt Ion:252 Resp: 70256
Ion Ratio Lower Upper
252 100
253 28.6 16.8 25.2#
125 16.7 9.8 14.8#

Instrument :
BNA_F
ClientSampled :
WC-1-AS

Manual Integrations
APPROVED

mohammad
10/19/2021 12:09:55 PM



#90
Benzo(a)pyrene
Concen: 3.65 ng
RT: 15.357 min Scan# 2256
Delta R.T. -0.006 min
Lab File: BF125888.D
Acq: 18 Oct 2021 20:58

Tgt Ion:252 Resp: 44074
Ion Ratio Lower Upper
252 100
253 23.8 18.4 27.6
125 19.7 9.9 14.9#

