

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102821\
 Data File : BF125987.D
 Acq On : 28 Oct 2021 14:12
 Operator : JU/CG
 Sample : M4372-03 2X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-2

Manual Integrations
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Quant Time: Oct 28 15:22:40 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102521.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 28 12:01:54 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.857	152	187423	20.000	ng	0.00
21) Naphthalene-d8	8.139	136	694421	20.000	ng	# 0.00
39) Acenaphthene-d10	9.898	164	328939	20.000	ng	0.00
64) Phenanthrene-d10	11.380	188	526732	20.000	ng	# 0.00
76) Chrysene-d12	14.015	240	423300	20.000	ng	0.00
86) Perylene-d12	15.480	264	309999	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.463	112	549056	43.636	ng	-0.01
7) Phenol-d6	6.475	99	678926	39.339	ng	-0.01
23) Nitrobenzene-d5	7.416	82	425455	31.647	ng	-0.01
42) 2,4,6-Tribromophenol	10.680	330	110768	38.629	ng	0.00
45) 2-Fluorobiphenyl	9.216	172	610140	32.802	ng	0.00
79) Terphenyl-d14	12.963	244	527888	20.399	ng	0.00
Target Compounds						
						Qvalue
71) Phenanthrene	11.404	178	157825	5.774	ng	# 90
75) Fluoranthene	12.592	202	128813	4.675	ng	94
78) Pyrene	12.815	202	163667	4.155	ng	96
88) Benzo(b)fluoranthene	15.051	252	41238m	2.015	ng	

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

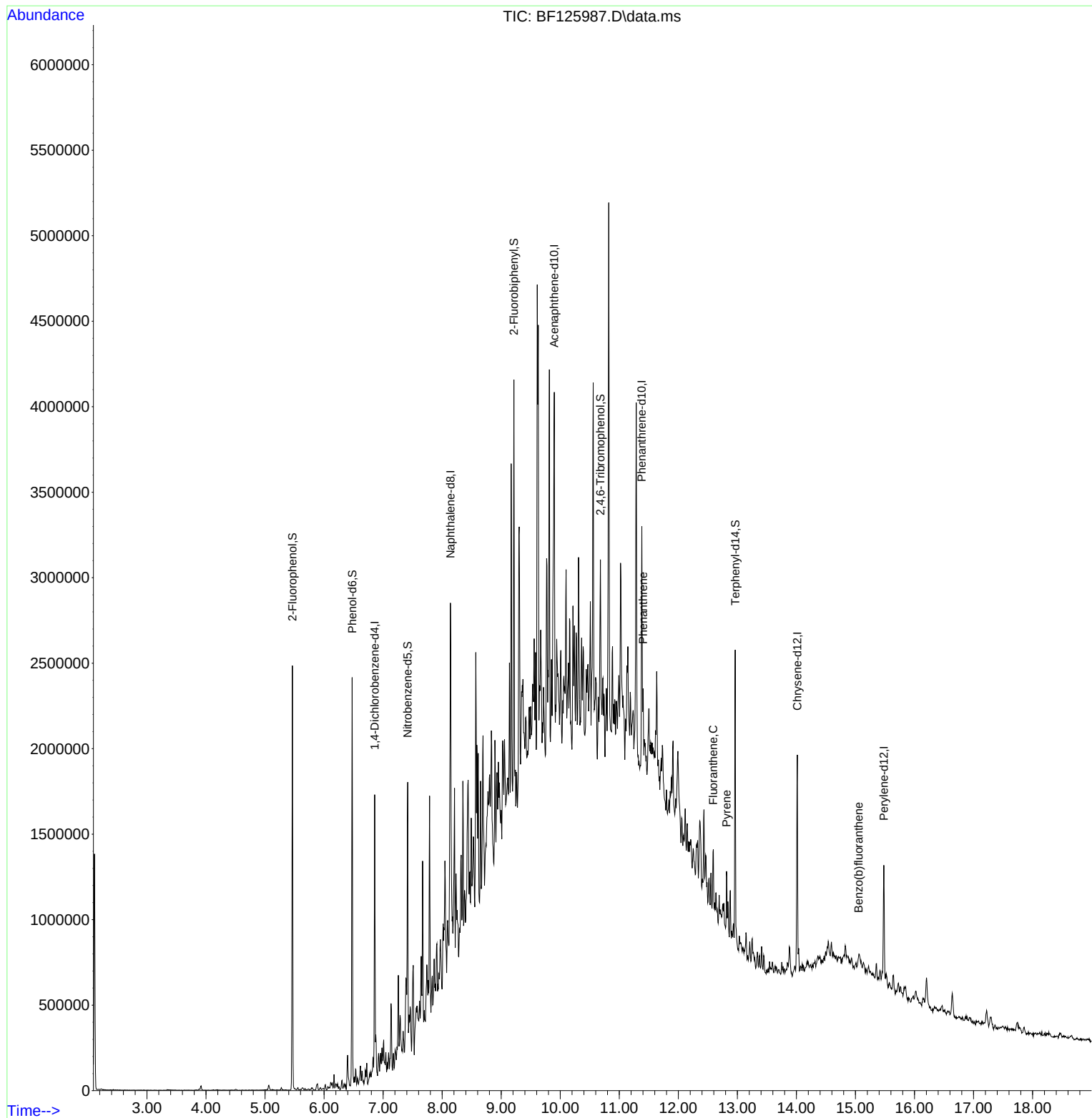
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102821\
Data File : BF125987.D
Acq On : 28 Oct 2021 14:12
Operator : JU/CG
Sample : M4372-03 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

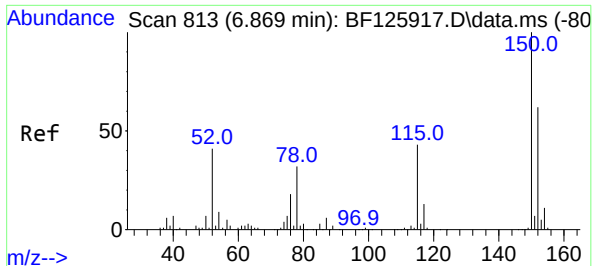
Instrument :
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ClientSampleId :
SB-2

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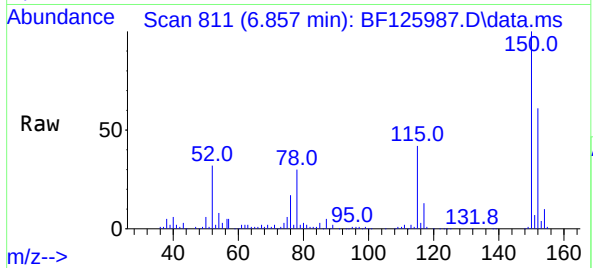
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Quant Time: Oct 28 15:22:40 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 28 12:01:54 2021
Response via : Initial Calibration

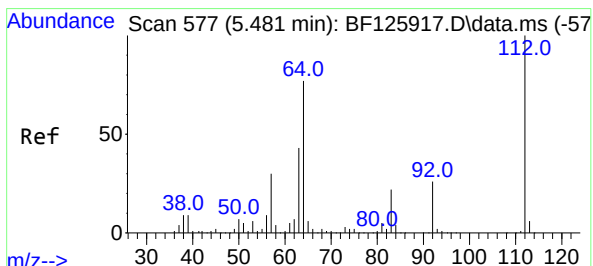
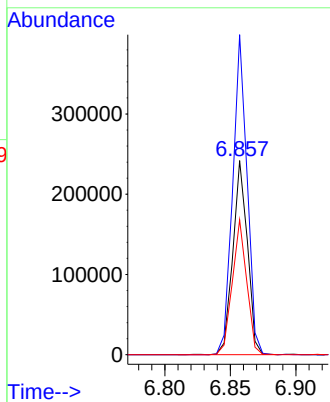
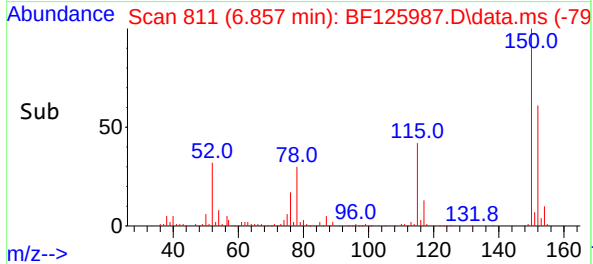




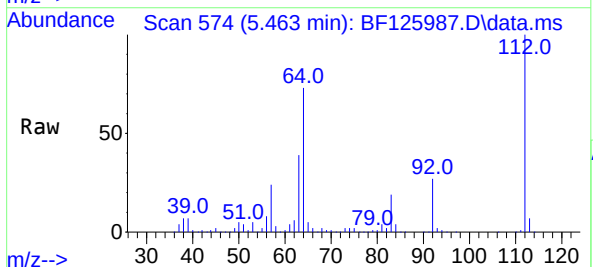
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.857 min Scan# 811
Delta R.T. -0.006 min
Lab File: BF125987.D
Acq: 28 Oct 2021 14:12



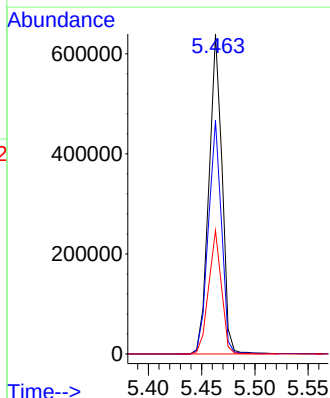
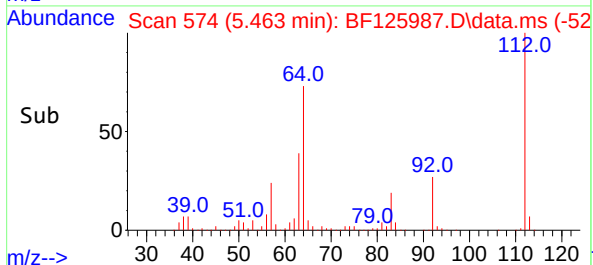
Tgt Ion:152 Resp: 187423
Ion Ratio Lower Upper
152 100
150 164.9 117.6 176.4
115 69.5 47.1 70.7



#5
2-Fluorophenol
Concen: 43.636 ng
RT: 5.463 min Scan# 574
Delta R.T. -0.012 min
Lab File: BF125987.D
Acq: 28 Oct 2021 14:12



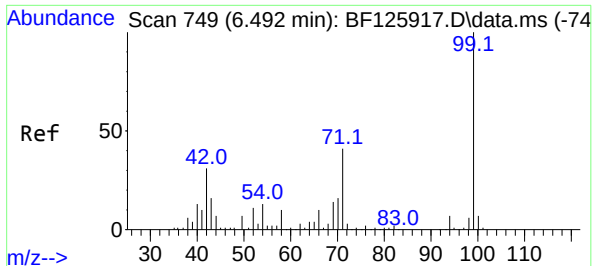
Tgt Ion:112 Resp: 549056
Ion Ratio Lower Upper
112 100
64 72.9 44.2 66.2#
63 38.6 26.2 39.2



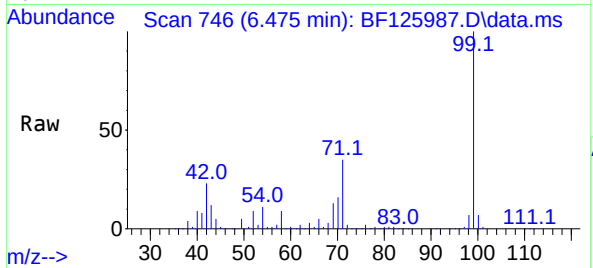
Instrument :
BNA_F
ClientSampleId :
SB-2

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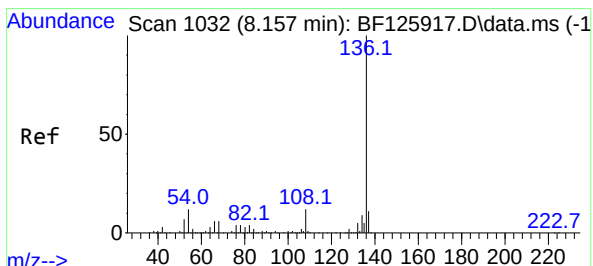
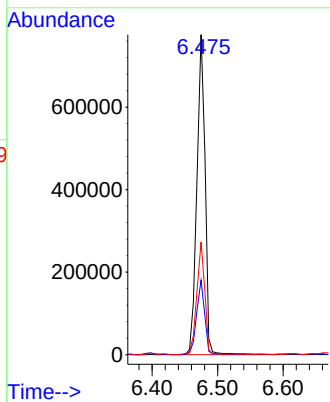
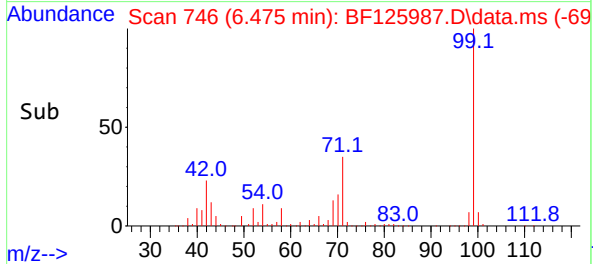
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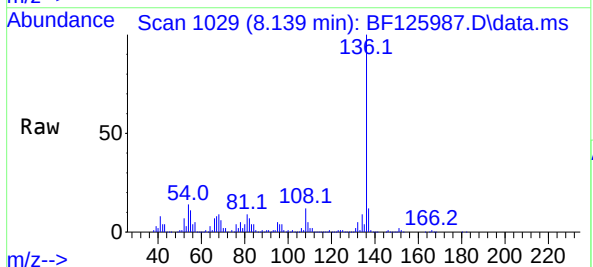
#7
Phenol-d6
Concen: 39.339 ng
RT: 6.475 min Scan# 746
Delta R.T. -0.012 min
Lab File: BF125987.D
Acq: 28 Oct 2021 14:12



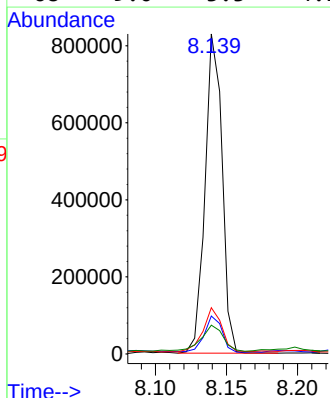
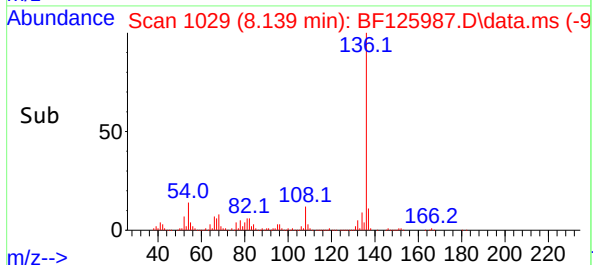
Tgt Ion: 99 Resp: 678926
Ion Ratio Lower Upper
99 100
42 23.3 23.5 35.3#
71 35.2 25.6 38.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.139 min Scan# 1029
Delta R.T. -0.006 min
Lab File: BF125987.D
Acq: 28 Oct 2021 14:12



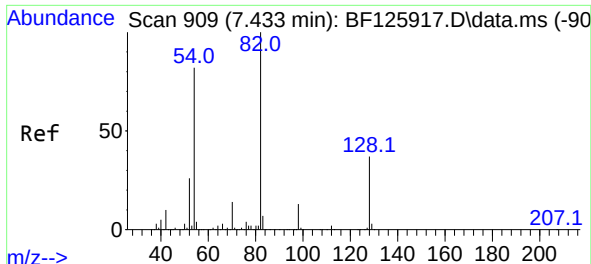
Tgt Ion: 136 Resp: 694421
Ion Ratio Lower Upper
136 100
137 11.9 9.8 14.6
54 14.5 6.4 9.6#
68 9.0 3.3 4.9#



Instrument :
BNA_F
ClientSampleId :
SB-2

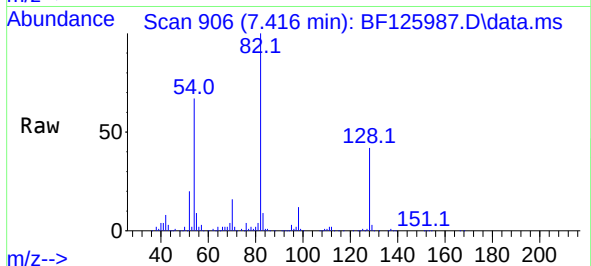
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#23
Nitrobenzene-d5
Concen: 31.647 ng
RT: 7.416 min Scan# 906
Delta R.T. -0.012 min
Lab File: BF125987.D
Acq: 28 Oct 2021 14:12

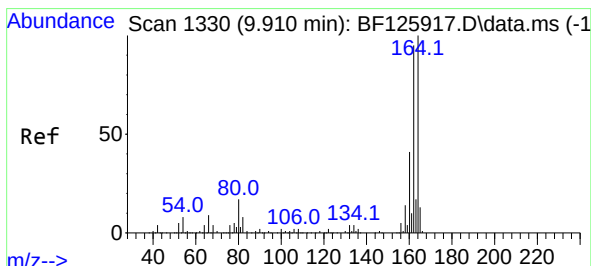
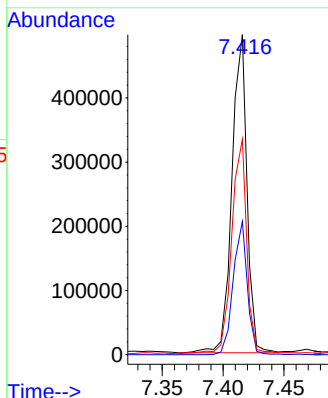
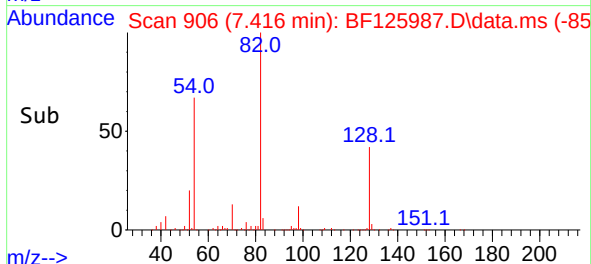
Instrument :
BNA_F
ClientSampled :
SB-2



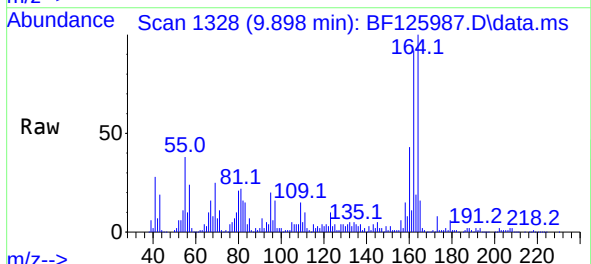
Tgt Ion: 82 Resp: 425455
Ion Ratio Lower Upper
82 100
128 41.6 40.6 60.8
54 67.3 49.6 74.4

Manual Integrations
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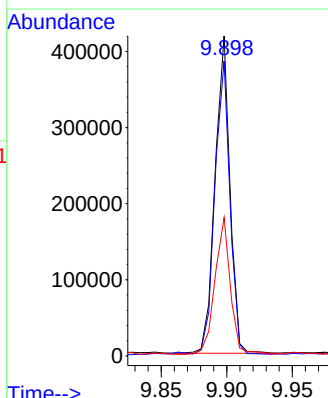
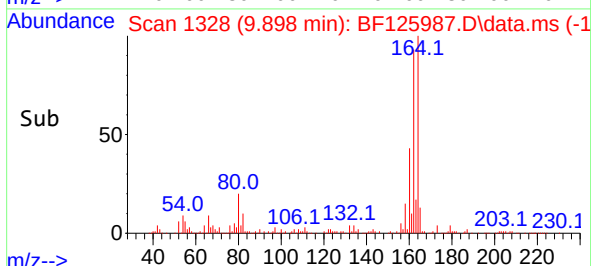
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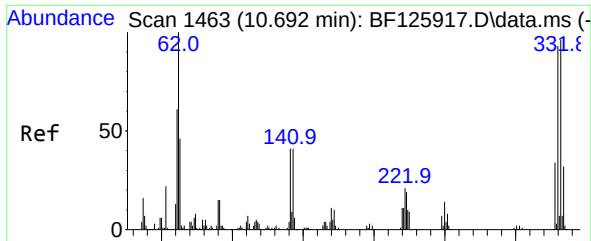


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.898 min Scan# 1328
Delta R.T. -0.000 min
Lab File: BF125987.D
Acq: 28 Oct 2021 14:12



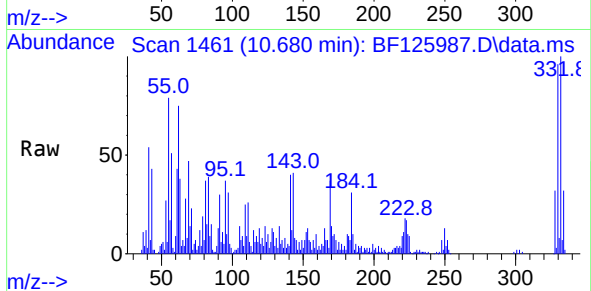
Tgt Ion: 164 Resp: 328939
Ion Ratio Lower Upper
164 100
162 92.2 81.3 121.9
160 43.2 38.0 57.0





#42
2,4,6-Tribromophenol
Concen: 38.629 ng
RT: 10.680 min Scan# 1461
Delta R.T. -0.006 min
Lab File: BF125987.D
Acq: 28 Oct 2021 14:12

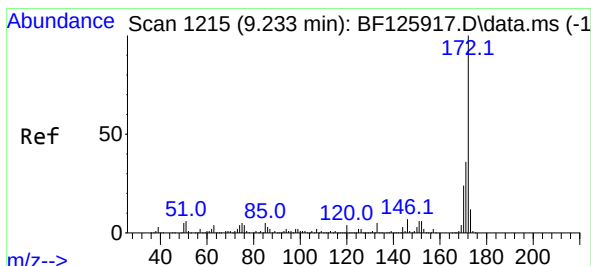
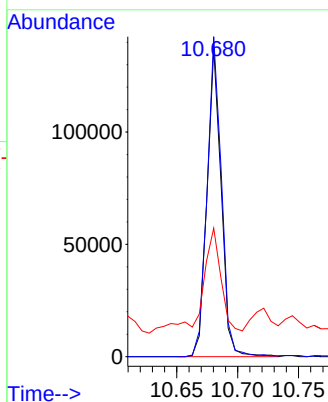
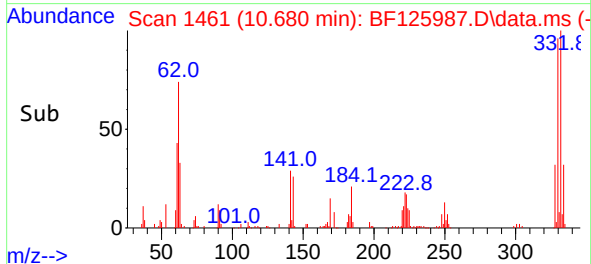
Instrument :
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SB-2



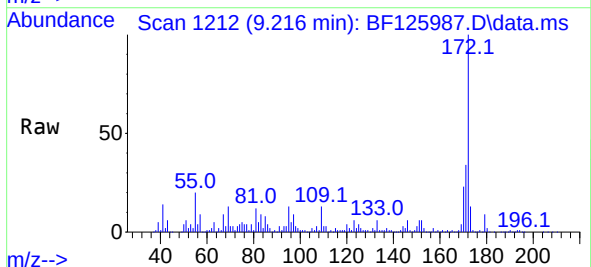
Tgt Ion:330 Resp: 110768
Ion Ratio Lower Upper
330 100
332 105.2 76.2 114.4
141 45.2 44.6 66.8

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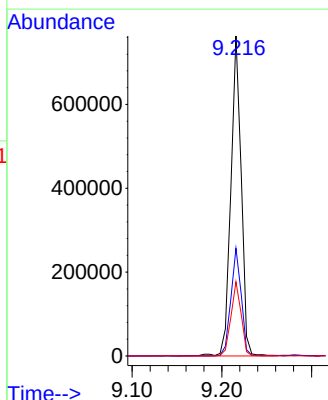
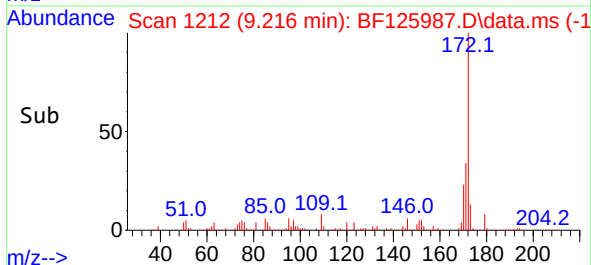
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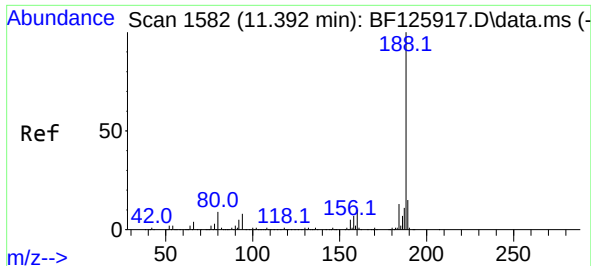


#45
2-Fluorobiphenyl
Concen: 32.802 ng
RT: 9.216 min Scan# 1212
Delta R.T. -0.006 min
Lab File: BF125987.D
Acq: 28 Oct 2021 14:12



Tgt Ion:172 Resp: 610140
Ion Ratio Lower Upper
172 100
171 33.6 26.5 39.7
170 23.2 18.8 28.2





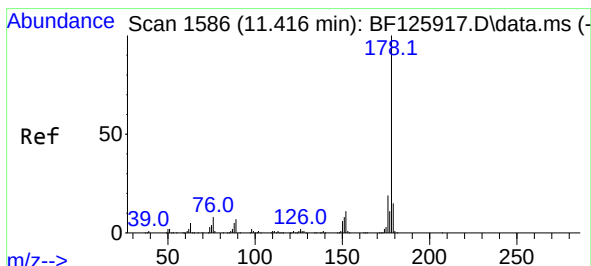
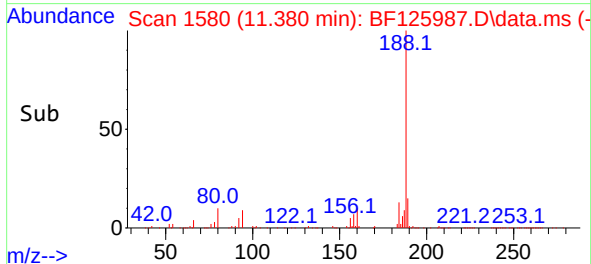
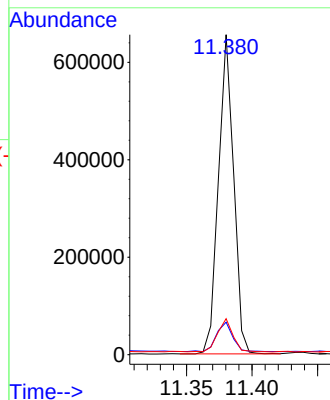
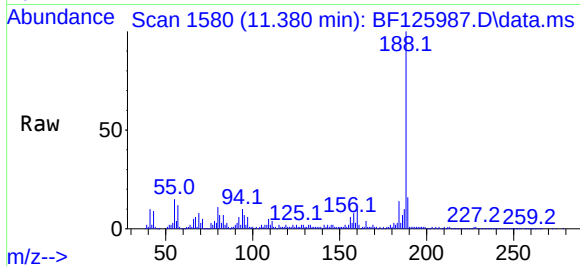
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.380 min Scan# 1580
Delta R.T. -0.000 min
Lab File: BF125987.D
Acq: 28 Oct 2021 14:12

Tgt Ion:188 Resp: 526732
Ion Ratio Lower Upper
188 100
94 10.2 6.7 10.1#
80 11.3 7.5 11.3

Instrument :
BNA_F
ClientSampled :
SB-2

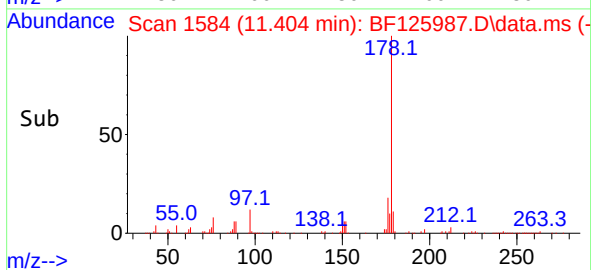
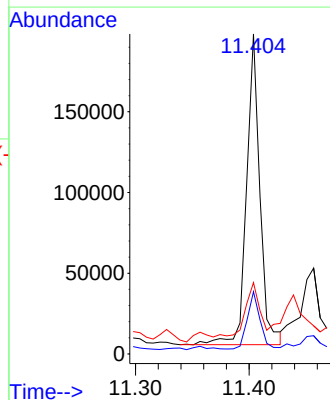
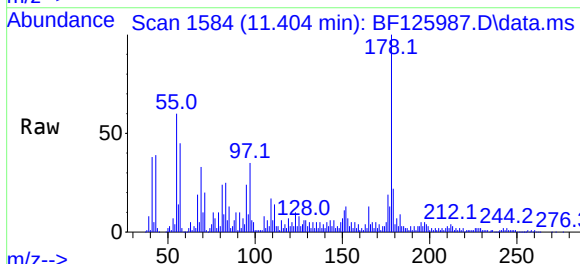
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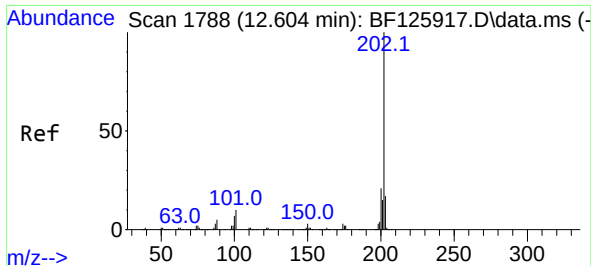
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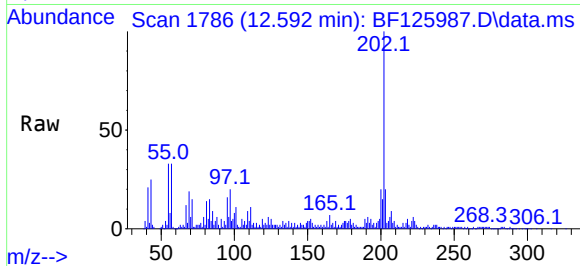
#71
Phenanthrene
Concen: 5.774 ng
RT: 11.404 min Scan# 1584
Delta R.T. -0.006 min
Lab File: BF125987.D
Acq: 28 Oct 2021 14:12

Tgt Ion:178 Resp: 157825
Ion Ratio Lower Upper
178 100
176 19.5 14.7 22.1
179 22.3 11.5 17.3#

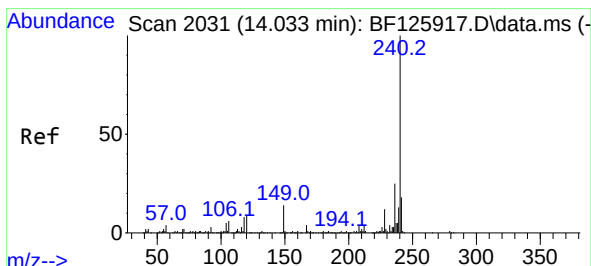
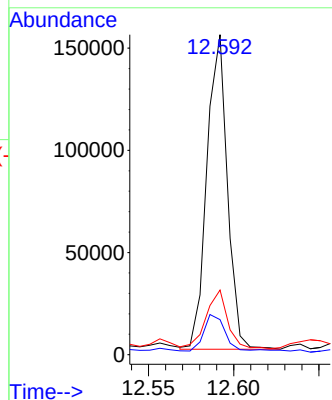
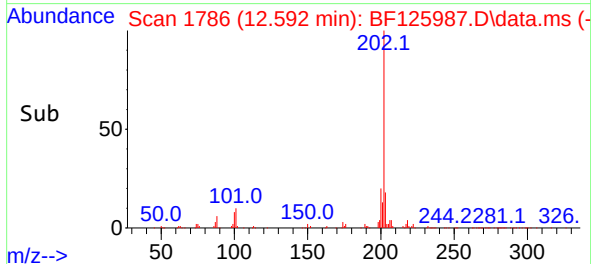




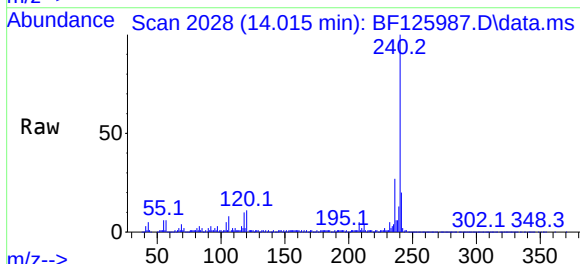
#75
Fluoranthene
Concen: 4.675 ng
RT: 12.592 min Scan# 1786
Delta R.T. -0.000 min
Lab File: BF125987.D
Acq: 28 Oct 2021 14:12



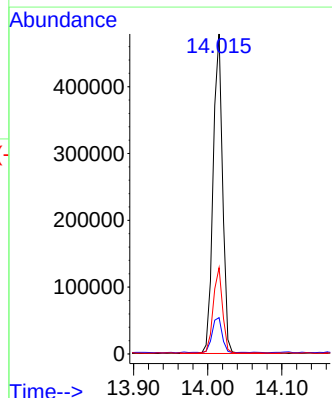
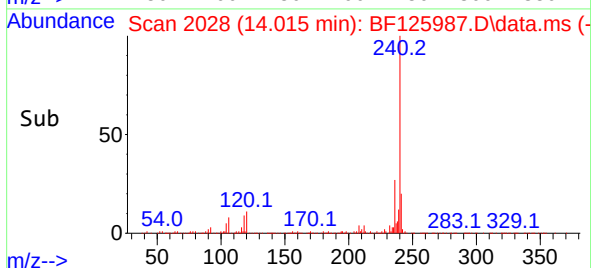
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Ion Ratio Lower Upper
202 100
101 11.0 0.0 30.7
203 20.2 0.0 36.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.015 min Scan# 2028
Delta R.T. -0.006 min
Lab File: BF125987.D
Acq: 28 Oct 2021 14:12



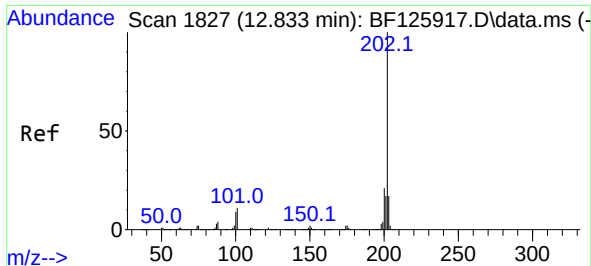
Tgt Ion:240 Resp: 423300
Ion Ratio Lower Upper
240 100
120 11.3 10.8 16.2
236 26.9 21.6 32.4



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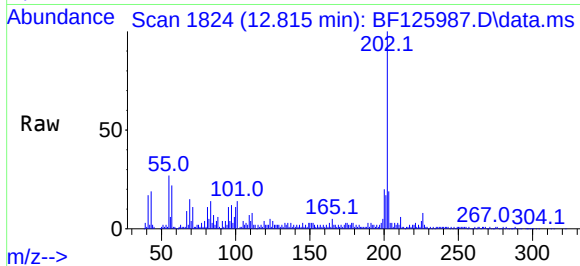
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#78
Pyrene
Concen: 4.155 ng
RT: 12.815 min Scan# 1824
Delta R.T. -0.006 min
Lab File: BF125987.D
Acq: 28 Oct 2021 14:12

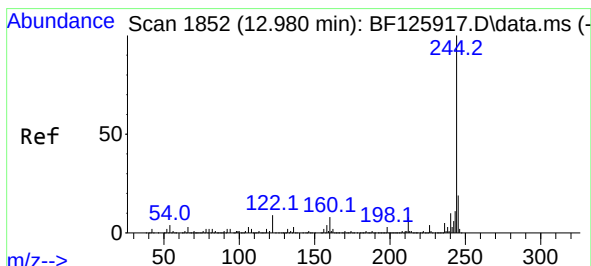
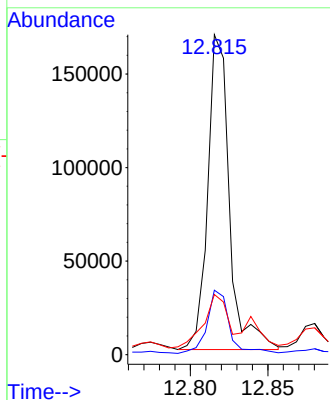
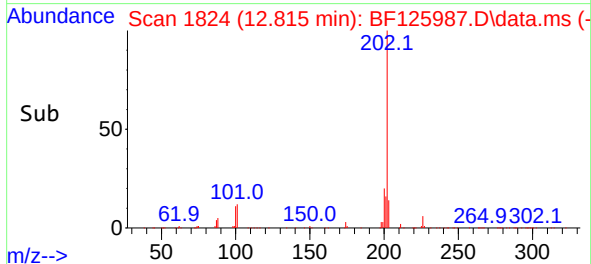
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BNA_F
ClientSampled :
SB-2



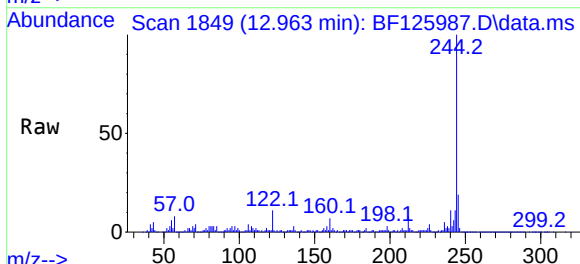
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Ion Ratio Lower Upper
202 100
200 20.2 15.3 22.9
203 18.8 13.4 20.0

Manual Integrations
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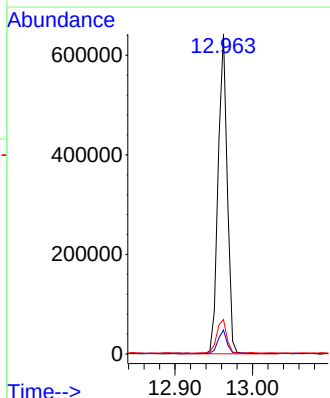
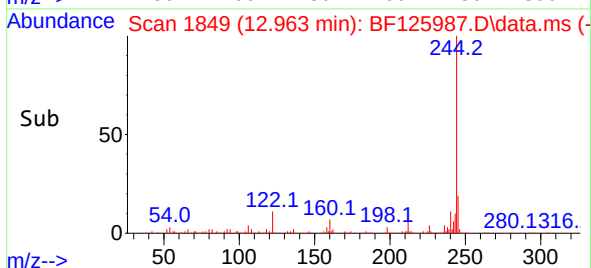
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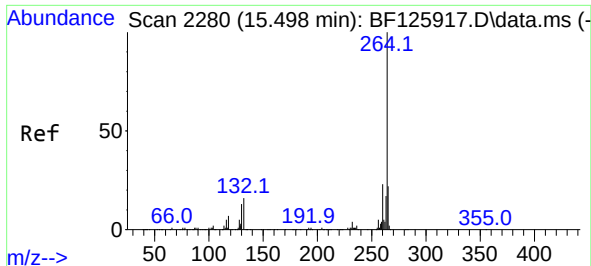


#79
Terphenyl-d14
Concen: 20.399 ng
RT: 12.963 min Scan# 1849
Delta R.T. -0.006 min
Lab File: BF125987.D
Acq: 28 Oct 2021 14:12



Tgt Ion:244 Resp: 527888
Ion Ratio Lower Upper
244 100
212 7.5 5.9 8.9
122 10.8 9.0 13.4





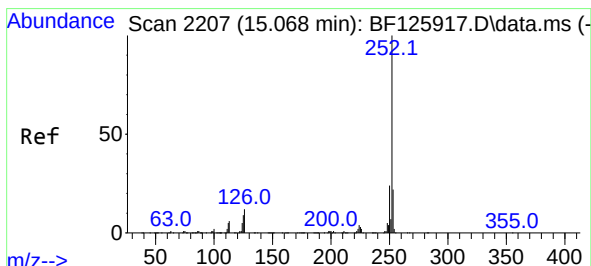
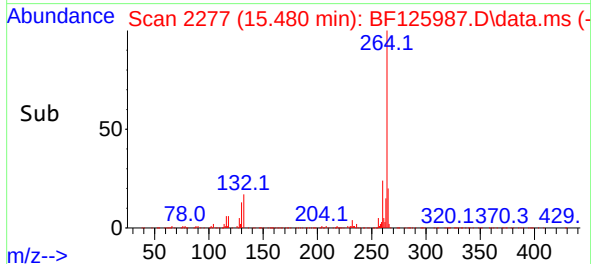
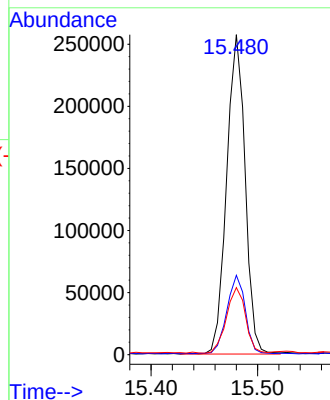
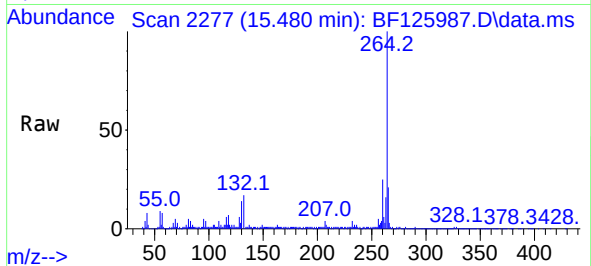
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.480 min Scan# 2277
Delta R.T. -0.000 min
Lab File: BF125987.D
Acq: 28 Oct 2021 14:12

Tgt Ion:264 Resp: 309999
Ion Ratio Lower Upper
264 100
260 24.8 19.6 29.4
265 21.0 17.2 25.8

Instrument :
BNA_F
ClientSampled :
SB-2

Manual Integrations
APPROVED

mohammad
10/29/2021 3:01:38 PM



#88
Benzo(b)fluoranthene
Concen: 2.015 ng m
RT: 15.051 min Scan# 2204
Delta R.T. -0.006 min
Lab File: BF125987.D
Acq: 28 Oct 2021 14:12

Tgt Ion:252 Resp: 41238
Ion Ratio Lower Upper
252 100
253 34.9 16.8 25.2#
125 29.0 9.8 14.8#

