

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102821\
 Data File : BF125988.D
 Acq On : 28 Oct 2021 14:44
 Operator : JU/CG
 Sample : M4343-01DL 2X
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 METRO-SPDL

Manual Integrations
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 10/29/2021 3:01:41 PM

Quant Time: Oct 29 10:38:35 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	173605	20.000	ng	0.00
21) Naphthalene-d8	8.139	136	675883	20.000	ng	# 0.00
39) Acenaphthene-d10	9.892	164	346384	20.000	ng	0.00
64) Phenanthrene-d10	11.380	188	553285	20.000	ng	0.00
76) Chrysene-d12	14.015	240	422530	20.000	ng	0.00
86) Perylene-d12	15.480	264	322285	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.463	112	549731	47.167	ng	-0.01
7) Phenol-d6	6.475	99	684963	42.848	ng	-0.01
23) Nitrobenzene-d5	7.416	82	425450	32.514	ng	-0.01
42) 2,4,6-Tribromophenol	10.674	330	122757	40.654	ng	-0.01
45) 2-Fluorobiphenyl	9.216	172	686314	35.039	ng	0.00
79) Terphenyl-d14	12.962	244	592598	22.941	ng	0.00
Target Compounds						Qvalue
52) Acenaphthene	9.927	154	481273	25.630	ng	97
55) Dibenzofuran	10.098	168	411091	14.657	ng	92
58) Fluorene	10.439	166	485101	25.502	ng	98
71) Phenanthrene	11.404	178	1748325	60.897	ng	96
72) Anthracene	11.451	178	311980	10.884	ng	99
73) Carbazole	11.604	167	118397	4.345	ng	97
75) Fluoranthene	12.592	202	1443644	49.881	ng	98
78) Pyrene	12.821	202	1105463	28.114	ng	96
81) Benzo(a)anthracene	14.004	228	278763	9.802	ng	97
83) Chrysene	14.039	228	349749m	12.156	ng	
88) Benzo(b)fluoranthene	15.051	252	202043m	9.498	ng	
89) Benzo(k)fluoranthene	15.074	252	67787m	3.317	ng	
90) Benzo(a)pyrene	15.415	252	92467	5.384	ng	97

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

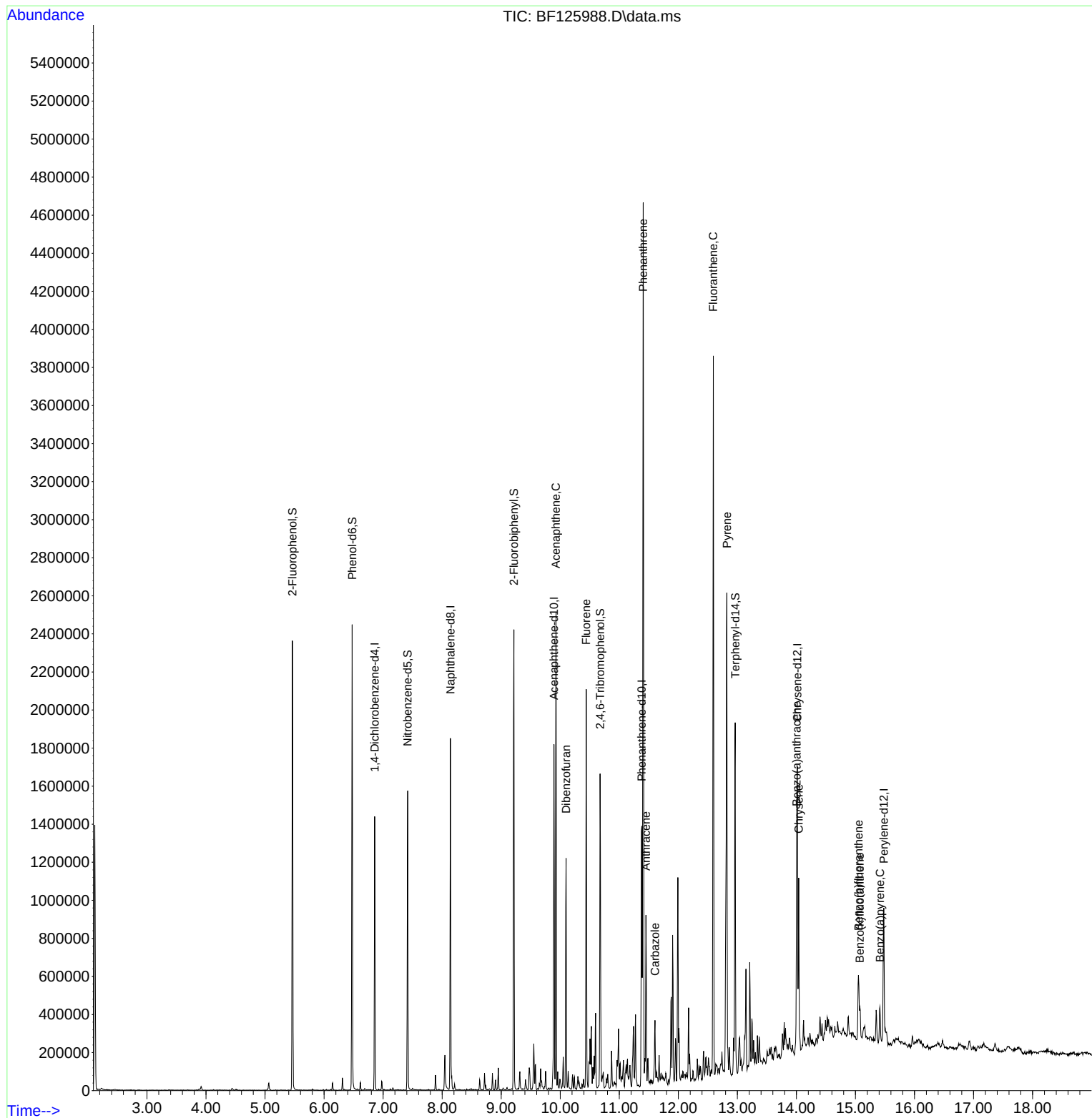
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102821\
Data File : BF125988.D
Acq On : 28 Oct 2021 14:44
Operator : JU/CG
Sample : M4343-01DL 2X
Misc :
ALS Vial : 10 Sample Multiplier: 1

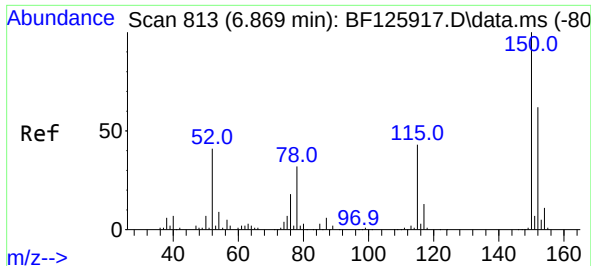
Instrument :
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Quant Time: Oct 29 10:38:35 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration





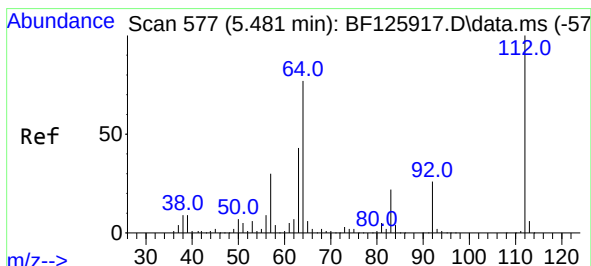
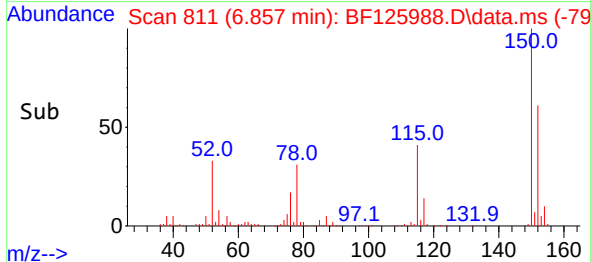
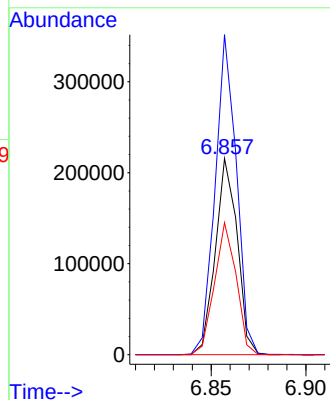
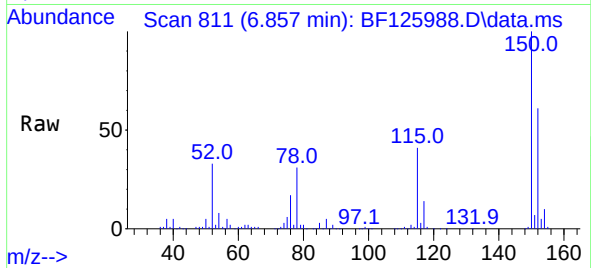
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.857 min Scan# 811
Delta R.T. -0.006 min
Lab File: BF125988.D
Acq: 28 Oct 2021 14:44

Tgt Ion:152 Resp: 173605
Ion Ratio Lower Upper
152 100
150 163.1 117.6 176.4
115 67.3 47.1 70.7

Instrument :
BNA_F
ClientSampled :
METRO-SPDL

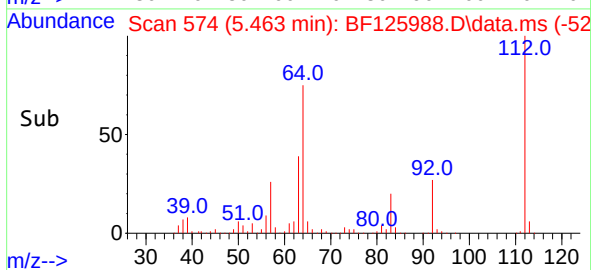
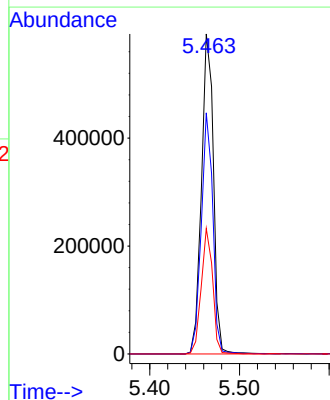
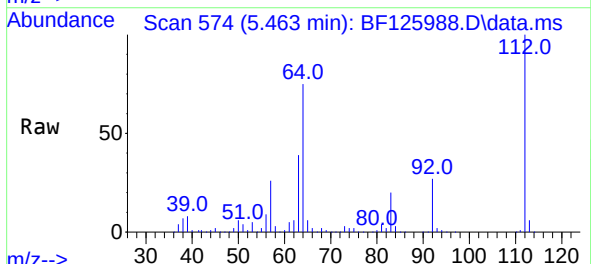
Manual Integrations
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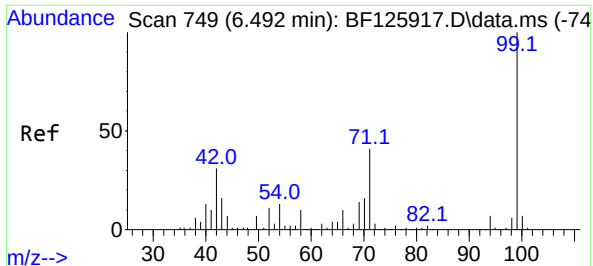
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#5
2-Fluorophenol
Concen: 47.167 ng
RT: 5.463 min Scan# 574
Delta R.T. -0.012 min
Lab File: BF125988.D
Acq: 28 Oct 2021 14:44

Tgt Ion:112 Resp: 549731
Ion Ratio Lower Upper
112 100
64 75.3 44.2 66.2#
63 39.2 26.2 39.2





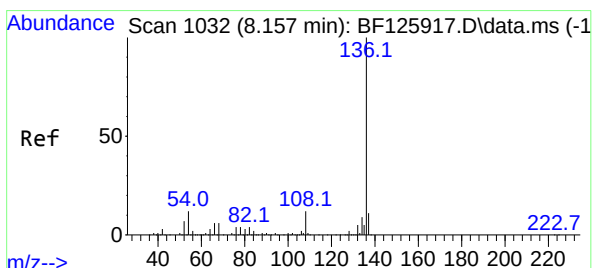
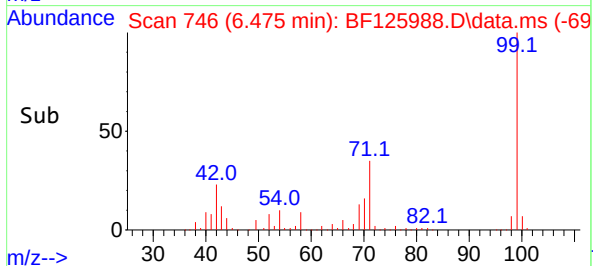
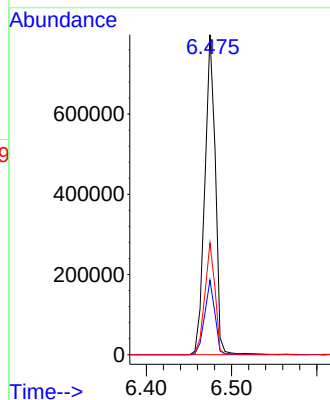
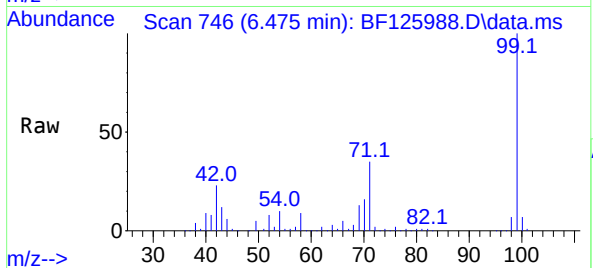
#7
Phenol-d6
Concen: 42.848 ng
RT: 6.475 min Scan# 746
Delta R.T. -0.012 min
Lab File: BF125988.D
Acq: 28 Oct 2021 14:44

Tgt Ion: 99 Resp: 684963
Ion Ratio Lower Upper
99 100
42 23.3 23.5 35.3#
71 34.9 25.6 38.4

Instrument :
BNA_F
ClientSampleID :
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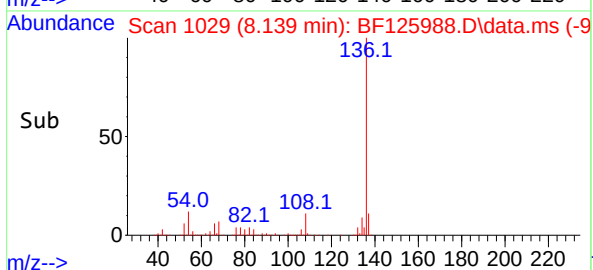
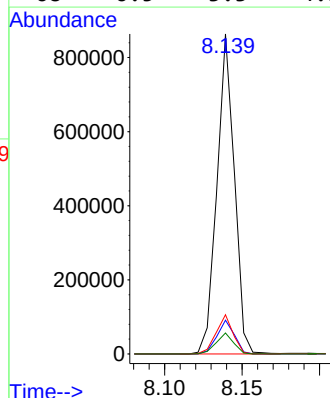
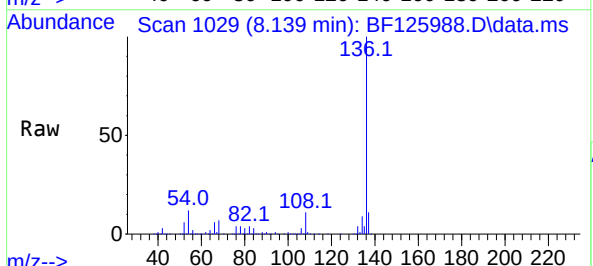
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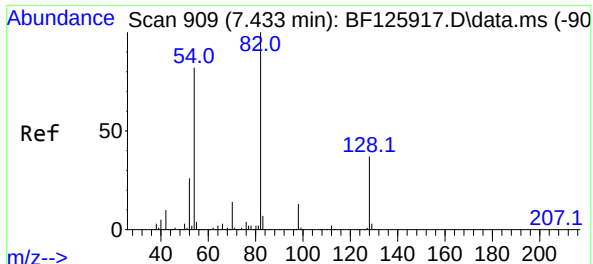
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#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.139 min Scan# 1029
Delta R.T. -0.006 min
Lab File: BF125988.D
Acq: 28 Oct 2021 14:44

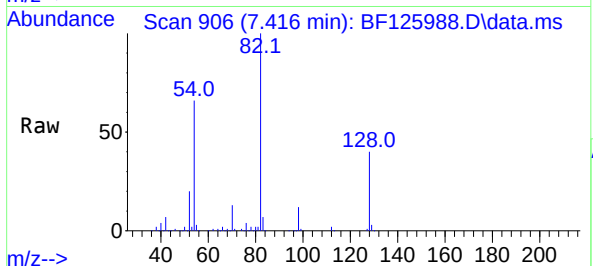
Tgt Ion: 136 Resp: 675883
Ion Ratio Lower Upper
136 100
137 10.5 9.8 14.6
54 12.2 6.4 9.6#
68 6.5 3.3 4.9#





#23
Nitrobenzene-d5
Concen: 32.514 ng
RT: 7.416 min Scan# 906
Delta R.T. -0.012 min
Lab File: BF125988.D
Acq: 28 Oct 2021 14:44

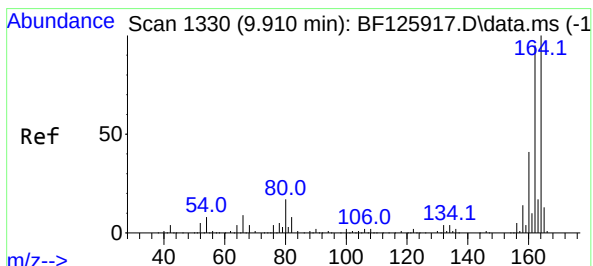
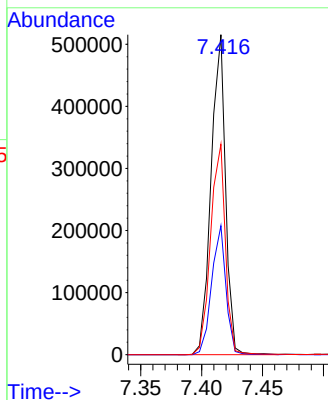
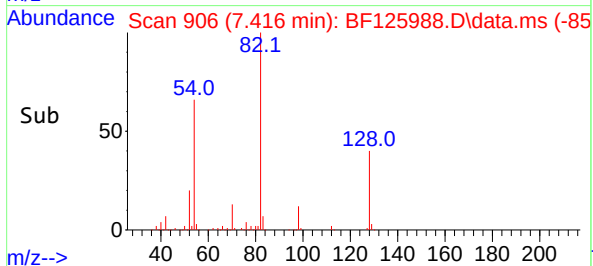
Instrument :
BNA_F
ClientSampleId :
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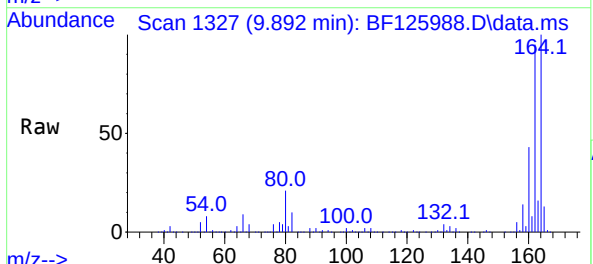
Tgt Ion: 82 Resp: 425450
Ion Ratio Lower Upper
82 100
128 40.3 40.6 60.8#
54 65.7 49.6 74.4

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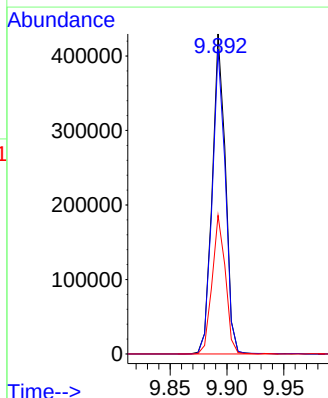
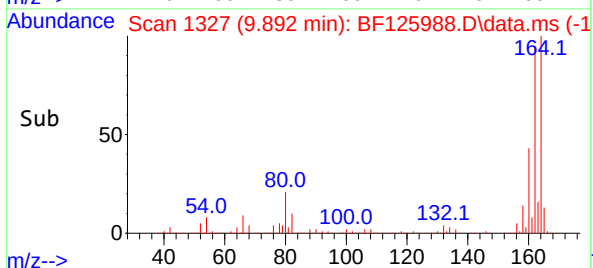
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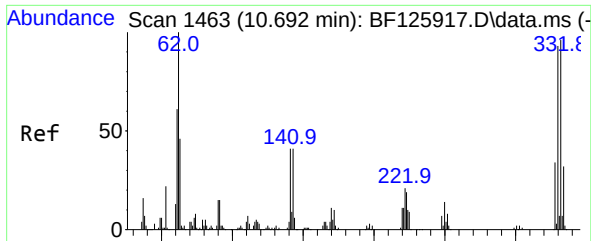


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.892 min Scan# 1327
Delta R.T. -0.006 min
Lab File: BF125988.D
Acq: 28 Oct 2021 14:44



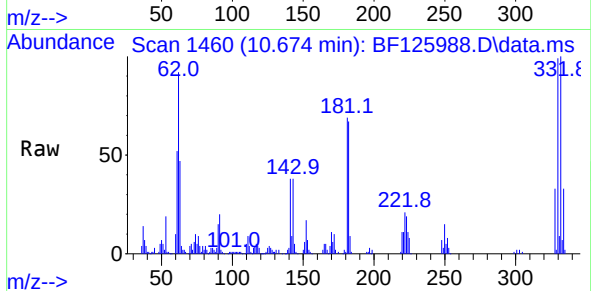
Tgt Ion: 164 Resp: 346384
Ion Ratio Lower Upper
164 100
162 95.3 81.3 121.9
160 43.3 38.0 57.0





#42
2,4,6-Tribromophenol
Concen: 40.654 ng
RT: 10.674 min Scan# 1460
Delta R.T. -0.012 min
Lab File: BF125988.D
Acq: 28 Oct 2021 14:44

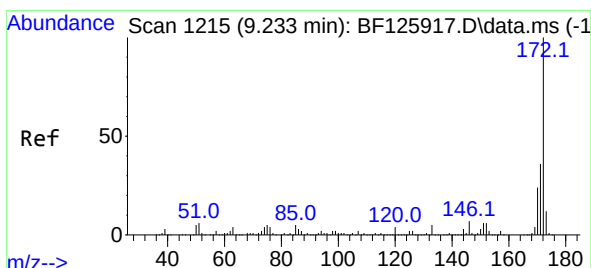
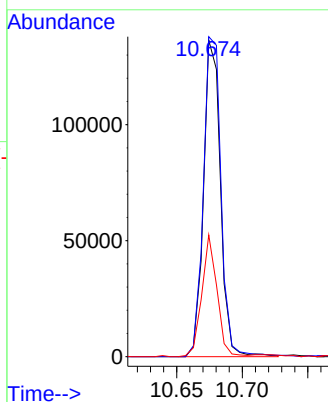
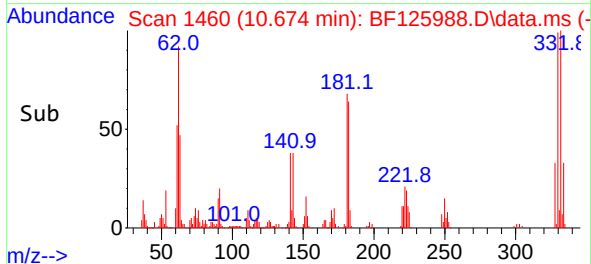
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BNA_F
ClientSampleId :
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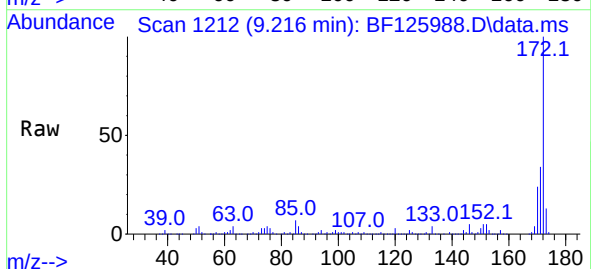
Tgt Ion:330 Resp: 122757
Ion Ratio Lower Upper
330 100
332 105.8 76.2 114.4
141 34.6 44.6 66.8#

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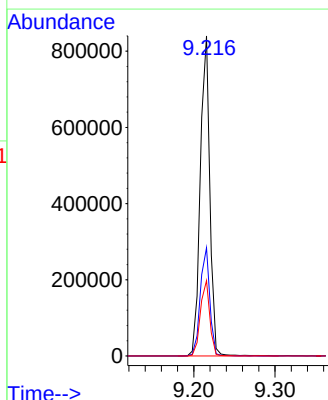
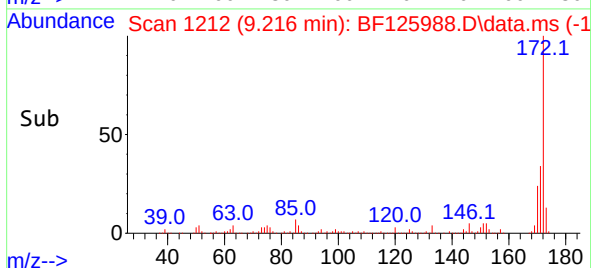
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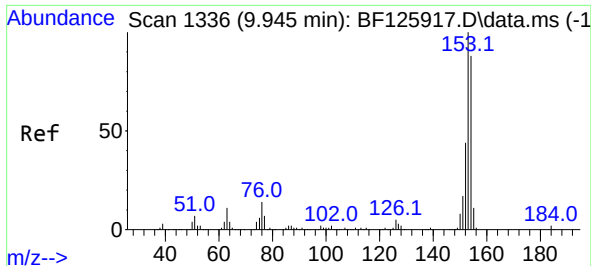


#45
2-Fluorobiphenyl
Concen: 35.039 ng
RT: 9.216 min Scan# 1212
Delta R.T. -0.006 min
Lab File: BF125988.D
Acq: 28 Oct 2021 14:44



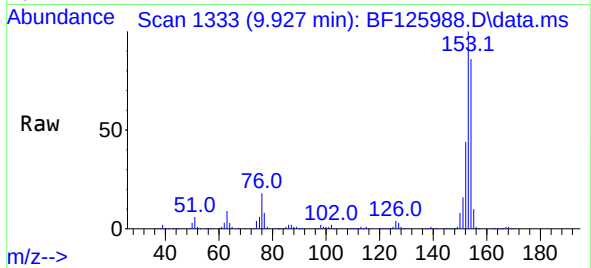
Tgt Ion:172 Resp: 686314
Ion Ratio Lower Upper
172 100
171 33.8 26.5 39.7
170 23.6 18.8 28.2





#52
Acenaphthene
Concen: 25.630 ng
RT: 9.927 min Scan# 1333
Delta R.T. -0.006 min
Lab File: BF125988.D
Acq: 28 Oct 2021 14:44

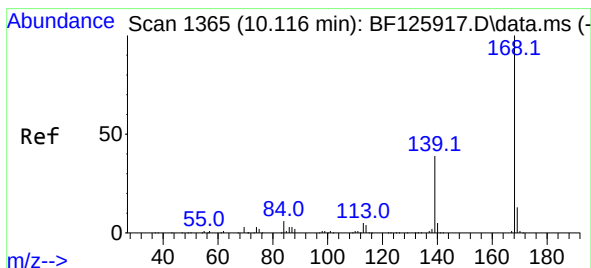
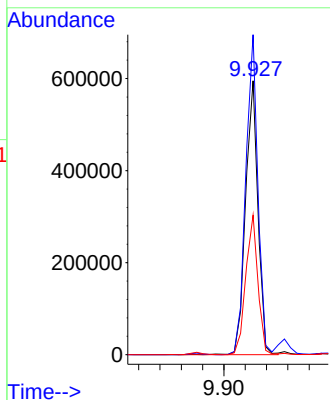
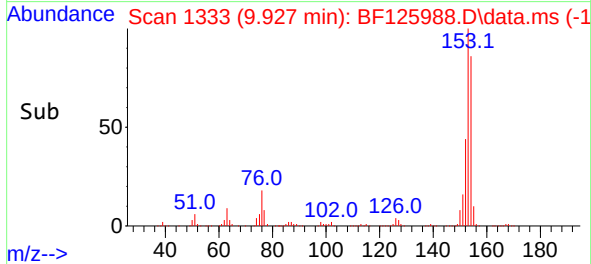
Instrument :
BNA_F
ClientSampleID :
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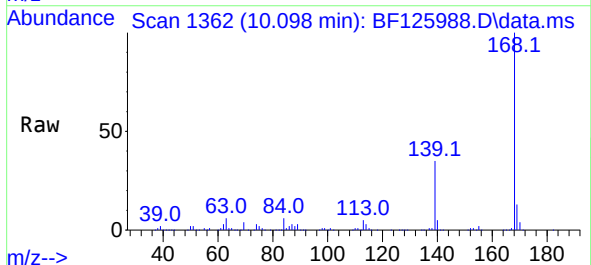
Tgt Ion:154 Resp: 481273
Ion Ratio Lower Upper
154 100
153 116.8 89.4 134.2
152 50.9 40.5 60.7

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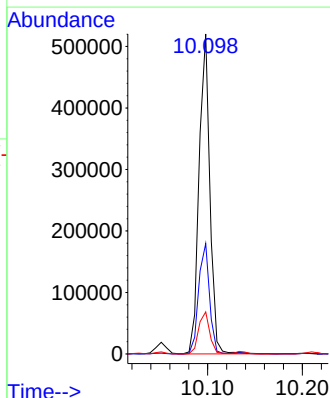
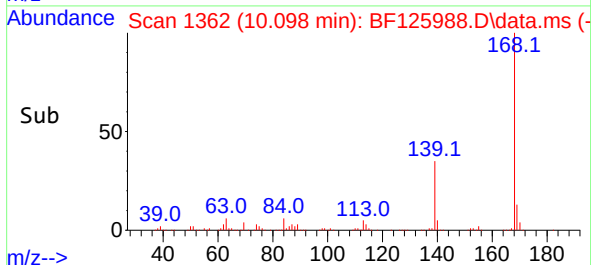
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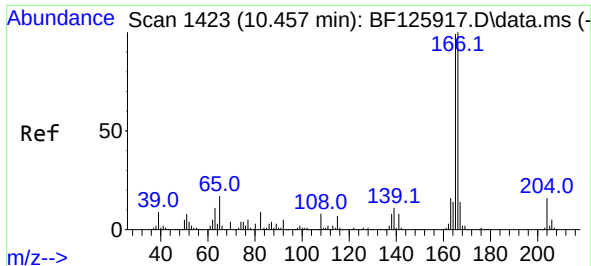


#55
Dibenzofuran
Concen: 14.657 ng
RT: 10.098 min Scan# 1362
Delta R.T. -0.006 min
Lab File: BF125988.D
Acq: 28 Oct 2021 14:44



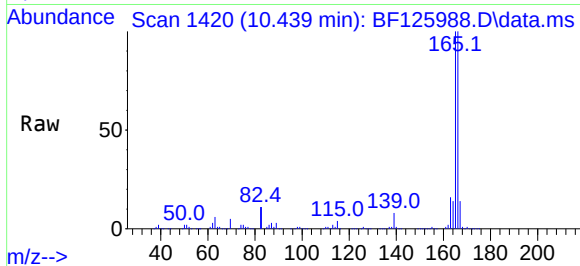
Tgt Ion:168 Resp: 411091
Ion Ratio Lower Upper
168 100
139 34.5 32.7 49.1
169 13.2 11.2 16.8





#58
Fluorene
Concen: 25.502 ng
RT: 10.439 min Scan# 1420
Delta R.T. -0.006 min
Lab File: BF125988.D
Acq: 28 Oct 2021 14:44

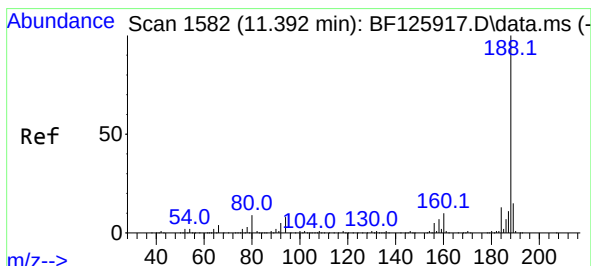
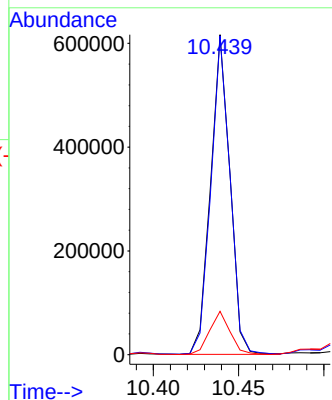
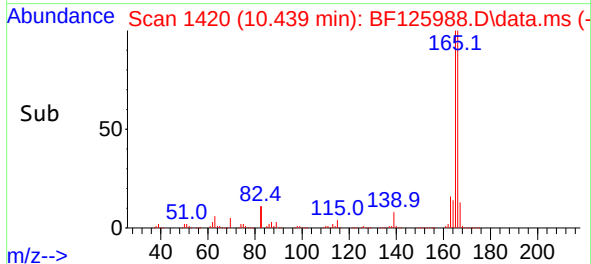
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BNA_F
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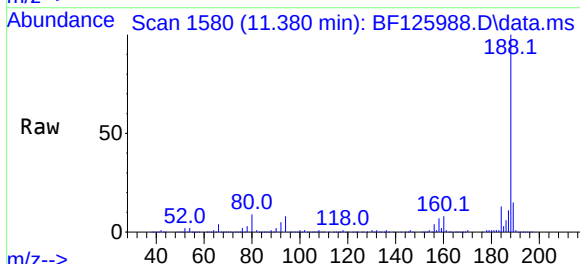
Tgt Ion:166 Resp: 485101
Ion Ratio Lower Upper
166 100
165 99.6 78.1 117.1
167 13.6 11.1 16.7

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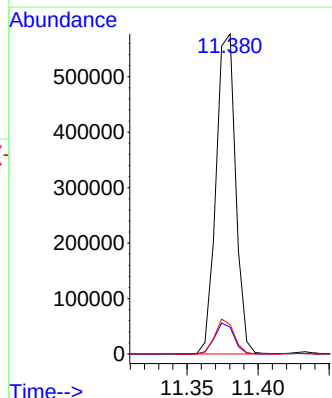
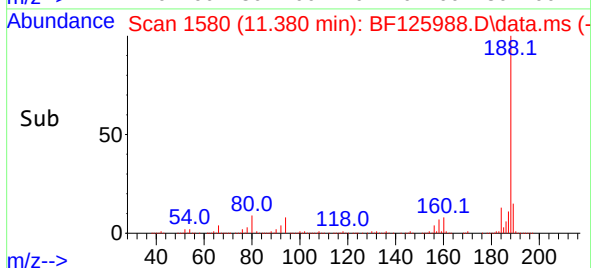
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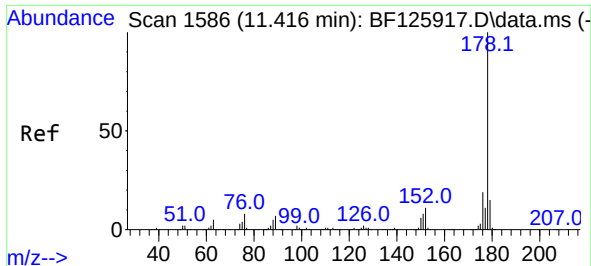


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.380 min Scan# 1580
Delta R.T. -0.000 min
Lab File: BF125988.D
Acq: 28 Oct 2021 14:44



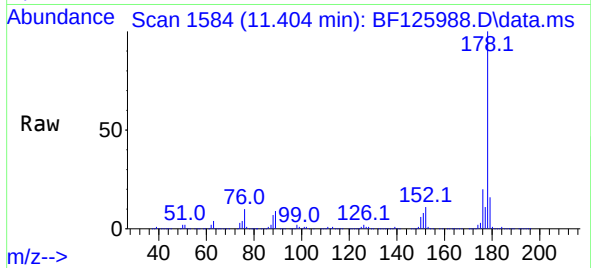
Tgt Ion:188 Resp: 553285
Ion Ratio Lower Upper
188 100
94 8.4 6.7 10.1
80 9.2 7.5 11.3





#71
Phenanthrene
Concen: 60.897 ng
RT: 11.404 min Scan# 1584
Delta R.T. -0.006 min
Lab File: BF125988.D
Acq: 28 Oct 2021 14:44

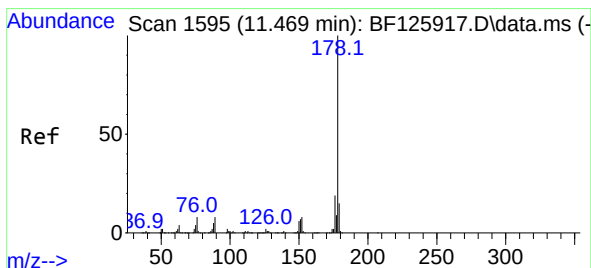
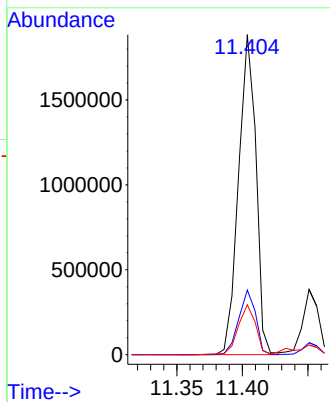
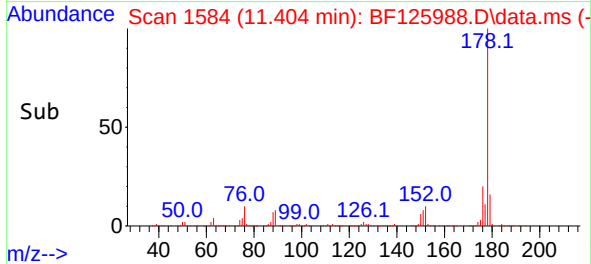
Instrument :
BNA_F
ClientSampleID :
METRO-SPDL



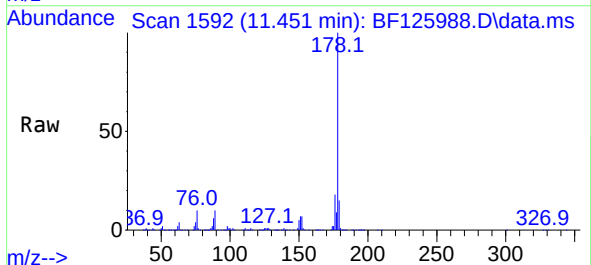
Tgt Ion:178 Resp: 1748325
Ion Ratio Lower Upper
178 100
176 20.2 14.7 22.1
179 15.6 11.5 17.3

Manual Integrations
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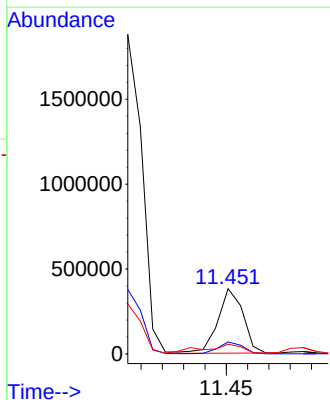
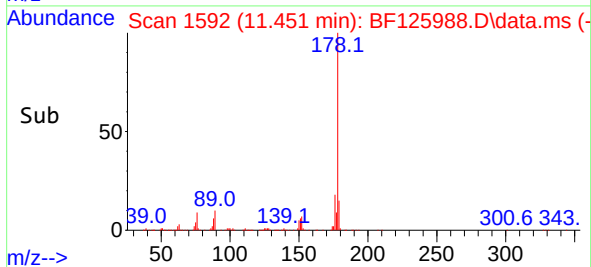
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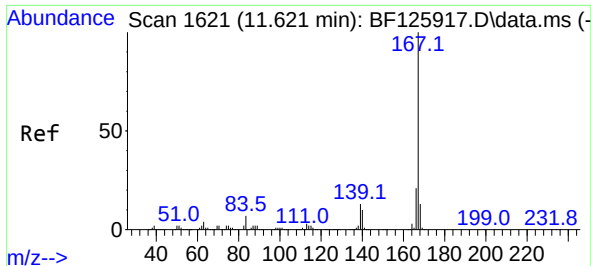


#72
Anthracene
Concen: 10.884 ng
RT: 11.451 min Scan# 1592
Delta R.T. -0.006 min
Lab File: BF125988.D
Acq: 28 Oct 2021 14:44



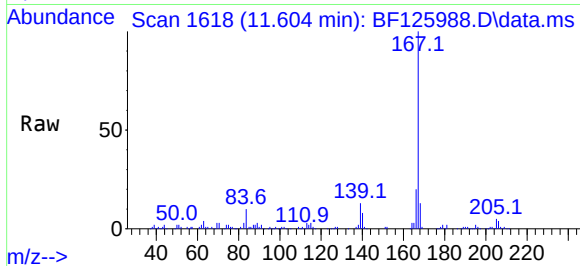
Tgt Ion:178 Resp: 311980
Ion Ratio Lower Upper
178 100
176 18.5 14.3 21.5
179 15.0 12.2 18.4





#73
 Carbazole
 Concen: 4.345 ng
 RT: 11.604 min Scan# 1618
 Delta R.T. -0.006 min
 Lab File: BF125988.D
 Acq: 28 Oct 2021 14:44

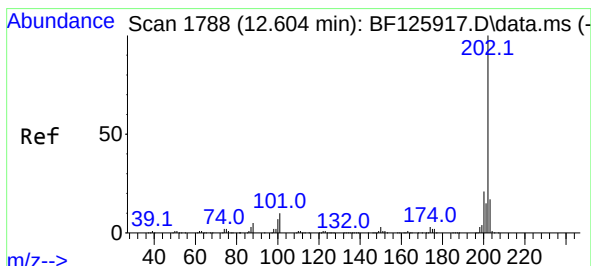
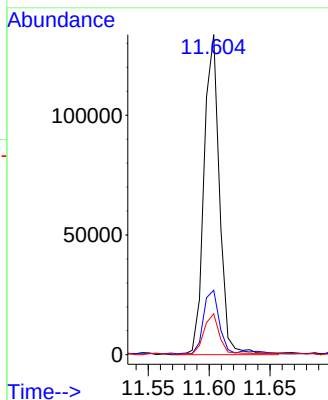
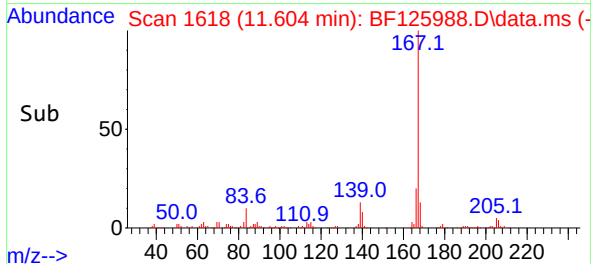
Instrument :
 BNA_F
 ClientSampleID :
 METRO-SPDL



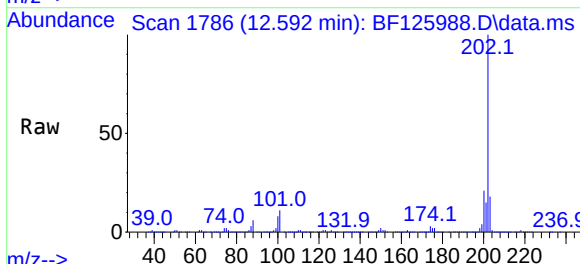
Tgt Ion:167 Resp: 118397
 Ion Ratio Lower Upper
 167 100
 166 20.2 17.4 26.0
 139 12.8 11.0 16.4

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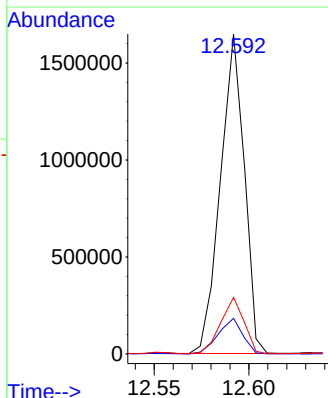
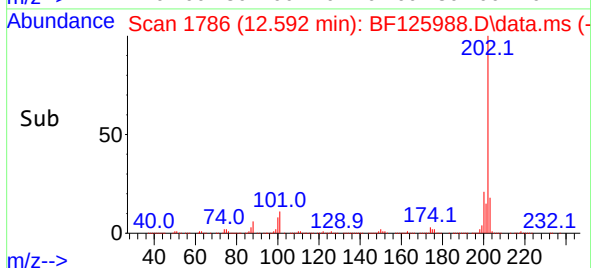
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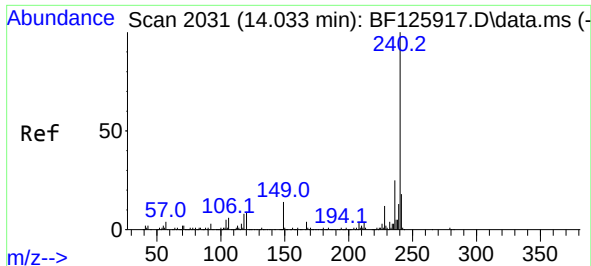


#75
 Fluoranthene
 Concen: 49.881 ng
 RT: 12.592 min Scan# 1786
 Delta R.T. -0.000 min
 Lab File: BF125988.D
 Acq: 28 Oct 2021 14:44



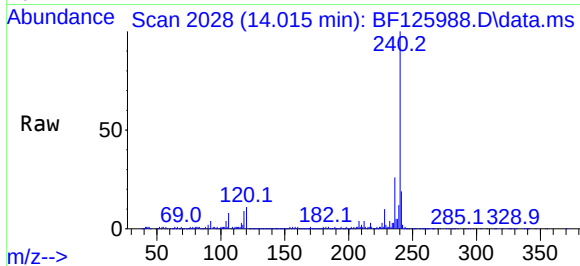
Tgt Ion:202 Resp: 1443644
 Ion Ratio Lower Upper
 202 100
 101 11.2 0.0 30.7
 203 17.7 0.0 36.3





#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.015 min Scan# 2028
Delta R.T. -0.006 min
Lab File: BF125988.D
Acq: 28 Oct 2021 14:44

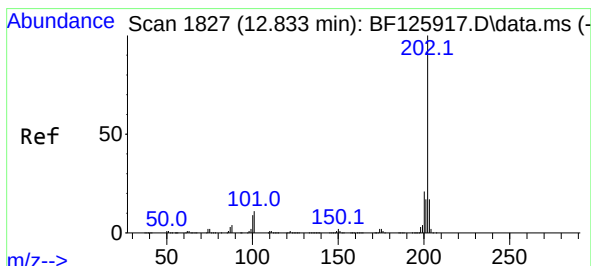
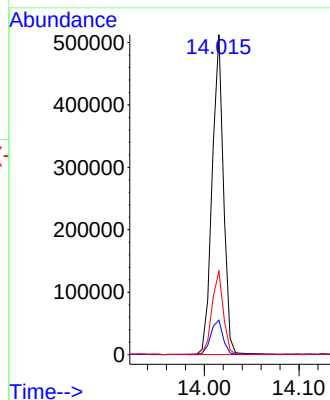
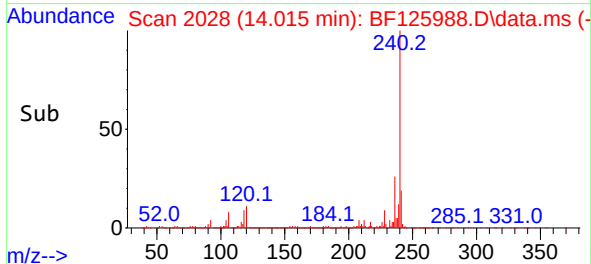
Instrument :
BNA_F
ClientSampleId :
METRO-SPDL



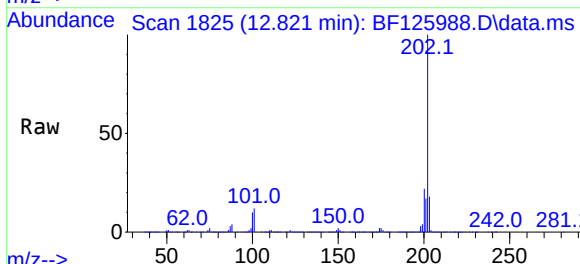
Tgt Ion:240 Resp: 422530
Ion Ratio Lower Upper
240 100
120 10.8 10.8 16.2
236 26.1 21.6 32.4

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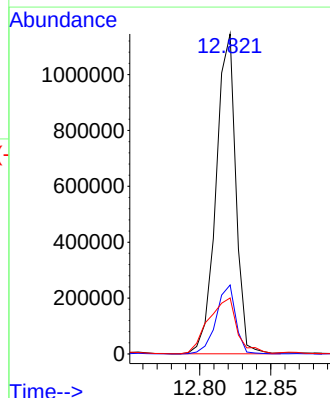
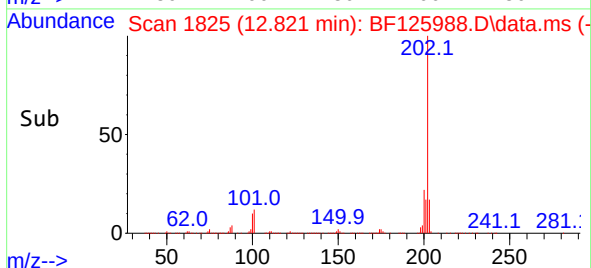
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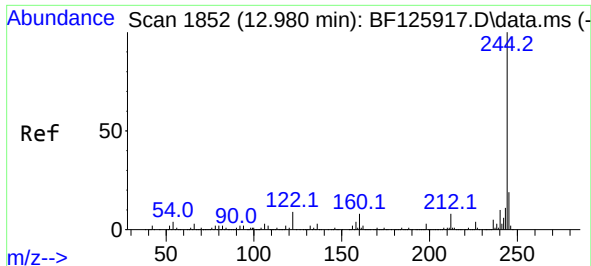


#78
Pyrene
Concen: 28.114 ng
RT: 12.821 min Scan# 1825
Delta R.T. -0.000 min
Lab File: BF125988.D
Acq: 28 Oct 2021 14:44



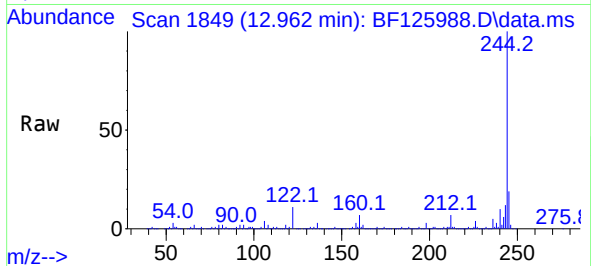
Tgt Ion:202 Resp: 1105463
Ion Ratio Lower Upper
202 100
200 21.6 15.3 22.9
203 17.5 13.4 20.0





#79
Terphenyl-d14
Concen: 22.941 ng
RT: 12.962 min Scan# 1849
Delta R.T. -0.006 min
Lab File: BF125988.D
Acq: 28 Oct 2021 14:44

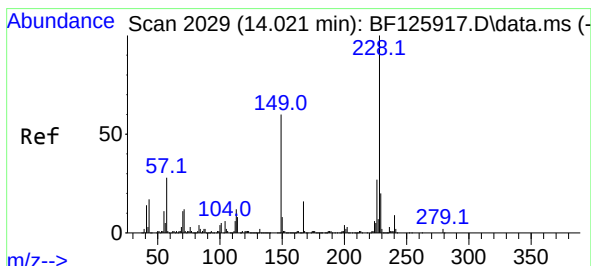
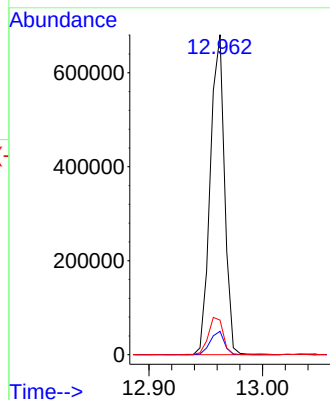
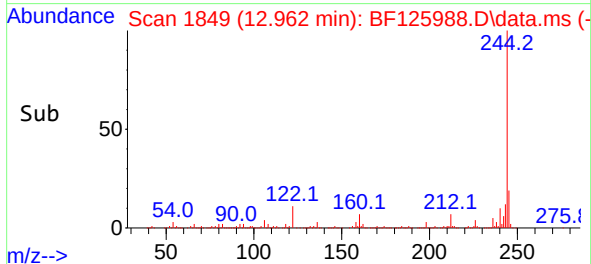
Instrument :
BNA_F
ClientSampled :
METRO-SPDL



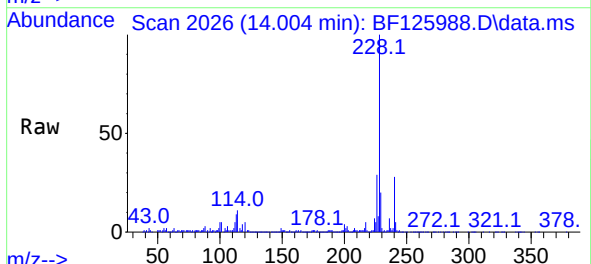
Tgt Ion:244 Resp: 592598
Ion Ratio Lower Upper
244 100
212 7.3 5.9 8.9
122 10.8 9.0 13.4

Manual Integrations
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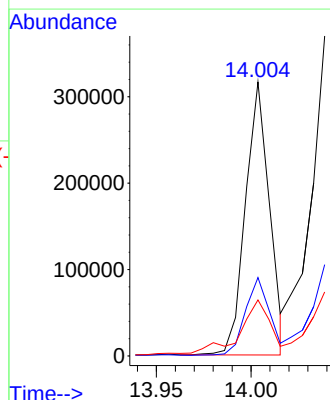
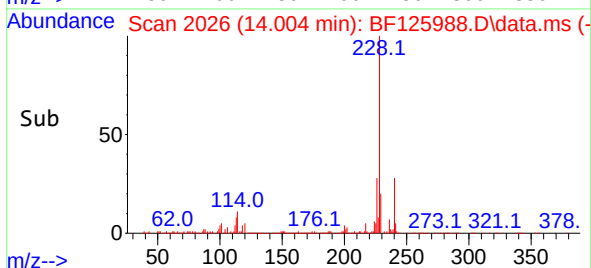
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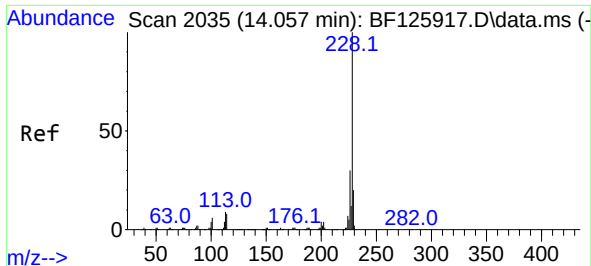


#81
Benzo(a)anthracene
Concen: 9.802 ng
RT: 14.004 min Scan# 2026
Delta R.T. -0.006 min
Lab File: BF125988.D
Acq: 28 Oct 2021 14:44



Tgt Ion:228 Resp: 278763
Ion Ratio Lower Upper
228 100
226 28.6 21.6 32.4
229 20.4 15.6 23.4





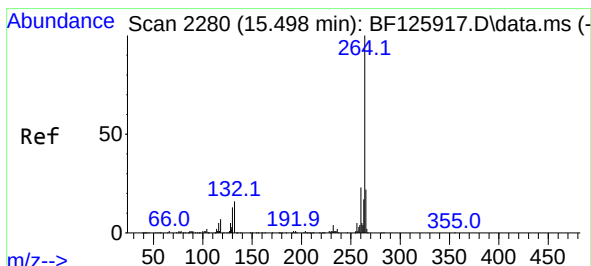
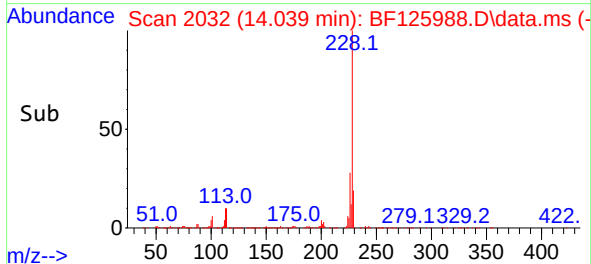
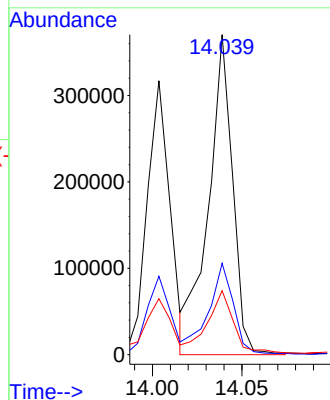
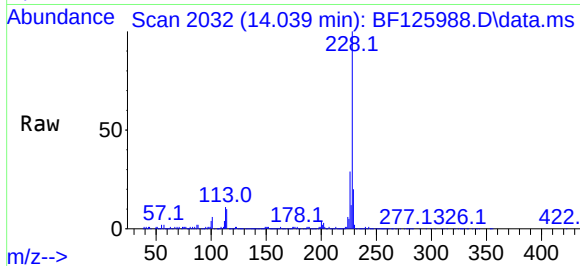
#83
Chrysene
Concen: 12.156 ng m
RT: 14.039 min Scan# 2032
Delta R.T. -0.006 min
Lab File: BF125988.D
Acq: 28 Oct 2021 14:44

Tgt Ion:	228	Resp:	349749
Ion Ratio	Lower	Upper	
228	100		
226	28.5	22.6	34.0
229	20.0	15.9	23.9

Instrument :
BNA_F
ClientSampled :
METRO-SPDL

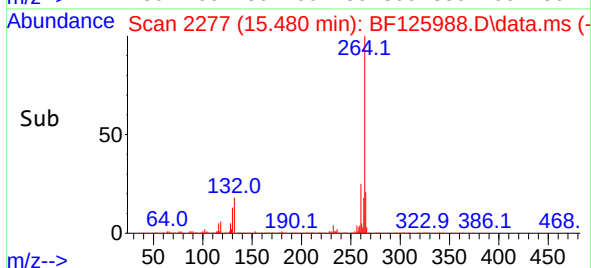
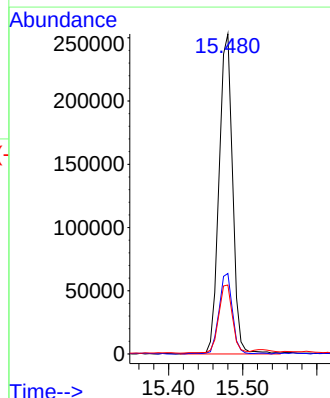
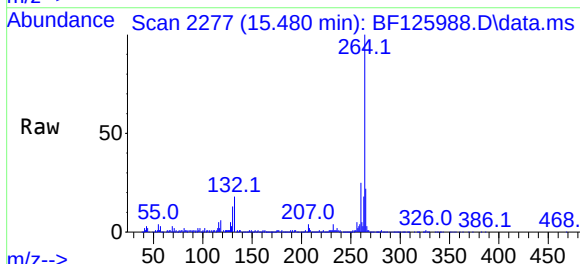
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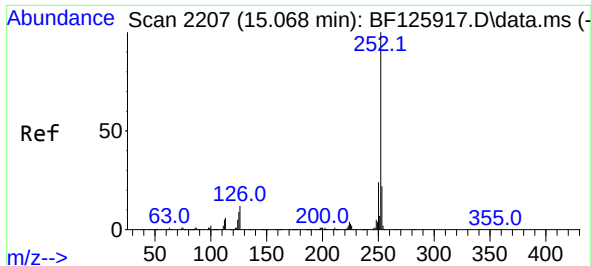
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#86
Perylene-d12
Concen: 20.000 ng
RT: 15.480 min Scan# 2277
Delta R.T. -0.000 min
Lab File: BF125988.D
Acq: 28 Oct 2021 14:44

Tgt Ion:	264	Resp:	322285
Ion Ratio	Lower	Upper	
264	100		
260	25.2	19.6	29.4
265	21.6	17.2	25.8





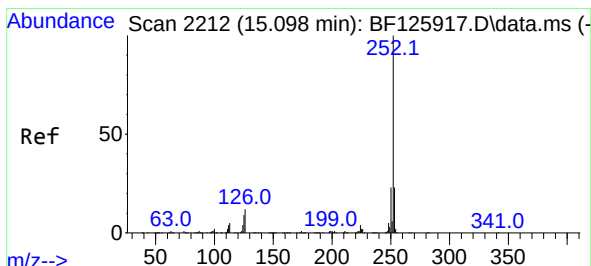
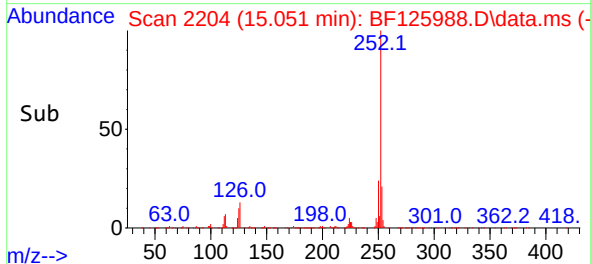
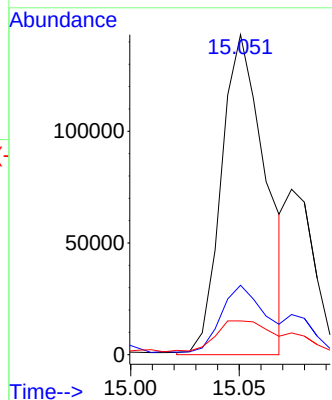
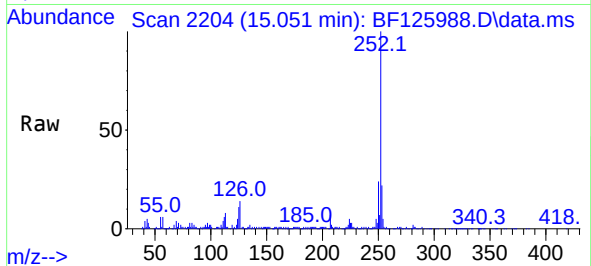
#88
Benzo(b)fluoranthene
Concen: 9.498 ng m
RT: 15.051 min Scan# 2204
Delta R.T. -0.006 min
Lab File: BF125988.D
Acq: 28 Oct 2021 14:44

Tgt Ion:252 Resp: 202043
Ion Ratio Lower Upper
252 100
253 21.7 16.8 25.2
125 10.5 9.8 14.8

Instrument :
BNA_F
ClientSampled :
METRO-SPDL

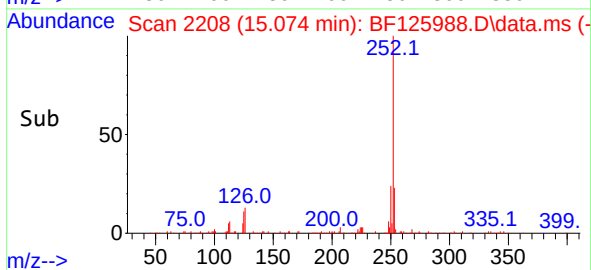
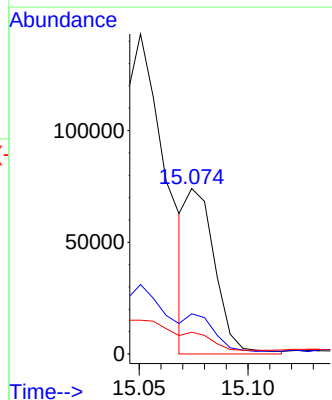
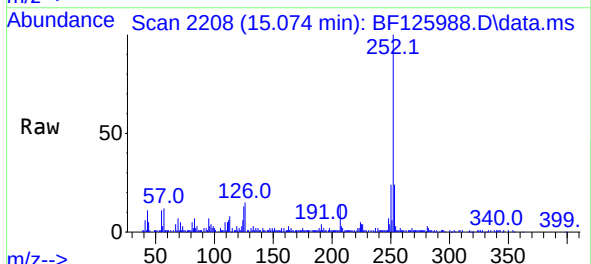
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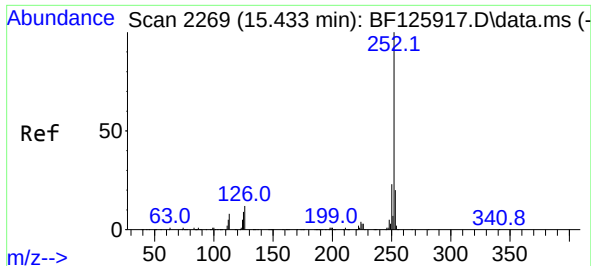
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#89
Benzo(k)fluoranthene
Concen: 3.317 ng m
RT: 15.074 min Scan# 2208
Delta R.T. -0.012 min
Lab File: BF125988.D
Acq: 28 Oct 2021 14:44

Tgt Ion:252 Resp: 67787
Ion Ratio Lower Upper
252 100
253 24.3 17.8 26.8
125 13.1 7.2 10.8#





#90
Benzo(a)pyrene
Concen: 5.384 ng
RT: 15.415 min Scan# 2266
Delta R.T. -0.006 min
Lab File: BF125988.D
Acq: 28 Oct 2021 14:44

Tgt Ion:252 Resp: 92467

Ion	Ratio	Lower	Upper
252	100		
253	24.6	18.4	27.6
125	13.1	9.9	14.9

Instrument :
BNA_F
ClientSampleId :
METRO-SPDL

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