

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101321\
 Data File : BF125825.D
 Acq On : 13 Oct 2021 14:14
 Operator : JU/CG
 Sample : M4127-05
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CHRT-20426

Manual Integrations
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mohammad
 10/14/2021 10:55:08 AM

Quant Time: Oct 14 01:19:08 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF100721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 13 13:23:32 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	211765	20.00	ng	0.00
21) Naphthalene-d8	8.122	136	827209	20.00	ng	# 0.00
39) Acenaphthene-d10	9.880	164	361492	20.00	ng	0.00
64) Phenanthrene-d10	11.369	188	432480	20.00	ng	# 0.00
76) Chrysene-d12	13.998	240	436407	20.00	ng	0.00
86) Perylene-d12	15.451	264	386740	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.457	112	1176506	90.76	ng	0.00
7) Phenol-d6	6.469	99	1446832	86.70	ng	0.00
23) Nitrobenzene-d5	7.404	82	825579	62.04	ng	0.00
42) 2,4,6-Tribromophenol	10.669	330	259719	72.77	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	1476510	70.45	ng	0.00
79) Terphenyl-d14	12.951	244	1027977	35.88	ng	0.00
Target Compounds						Qvalue
50) Dimethylphthalate	9.592	163	373782	15.71	ng	# 91
52) Acenaphthene	9.910	154	89246	4.52	ng	95
58) Fluorene	10.427	166	62452	2.88	ng	# 90
71) Phenanthrene	11.392	178	339360	14.67	ng	# 90
72) Anthracene	11.445	178	89581	3.88	ng	# 79
75) Fluoranthene	12.580	202	514790	24.66	ng	95
78) Pyrene	12.810	202	413104	9.32	ng	96
81) Benzo(a)anthracene	13.986	228	181072	6.40	ng	97
83) Chrysene	14.021	228	196608	7.03	ng	97
88) Benzo(b)fluoranthene	15.027	252	204997m	9.39	ng	
89) Benzo(k)fluoranthene	15.051	252	63105m	2.82	ng	
90) Benzo(a)pyrene	15.386	252	111636	5.77	ng	98
92) Benzo(g,h,i)perylene	17.327	276	55175	2.22	ng	94

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

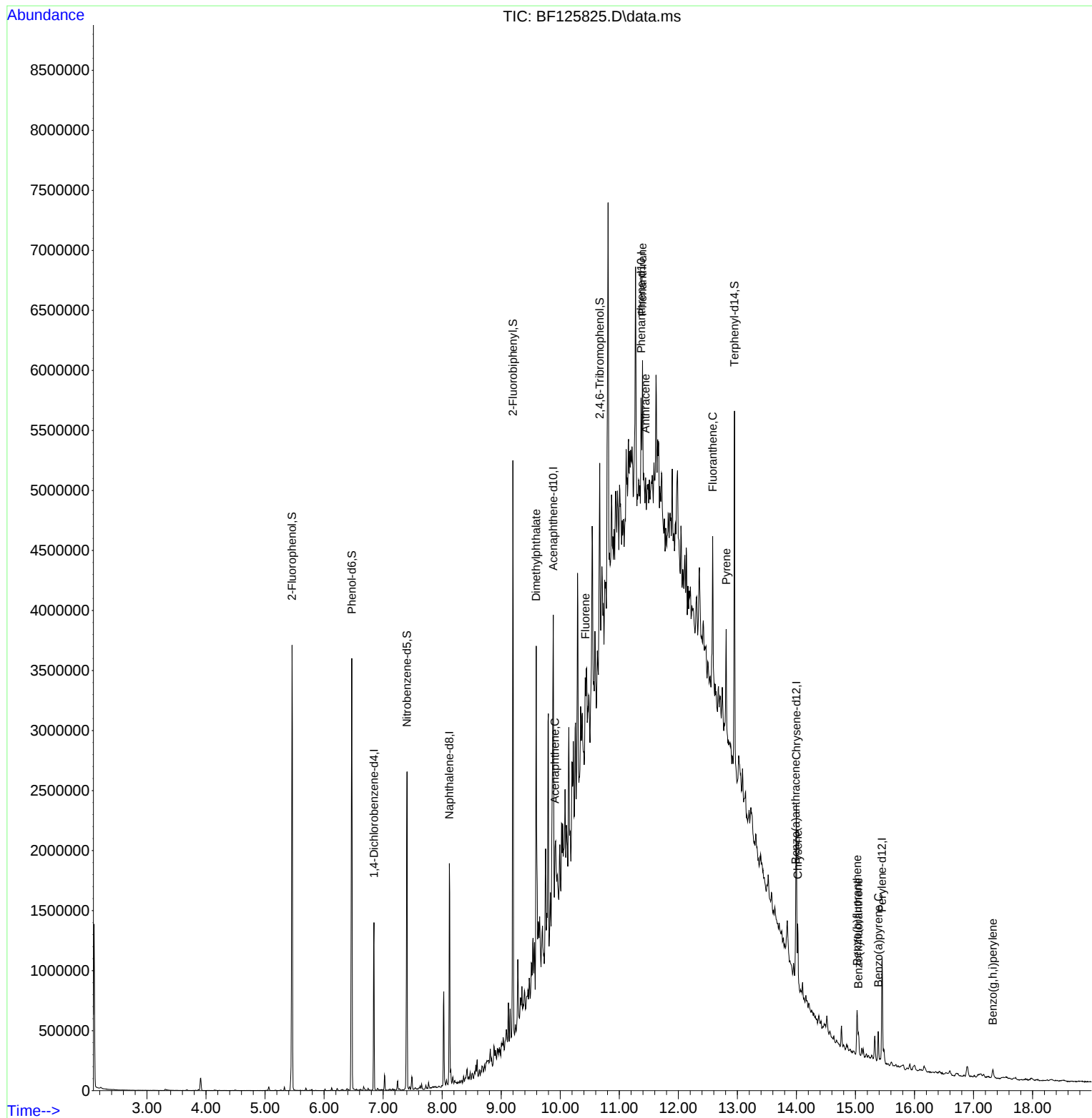
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101321\
Data File : BF125825.D
Acq On : 13 Oct 2021 14:14
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ALS Vial : 10 Sample Multiplier: 1

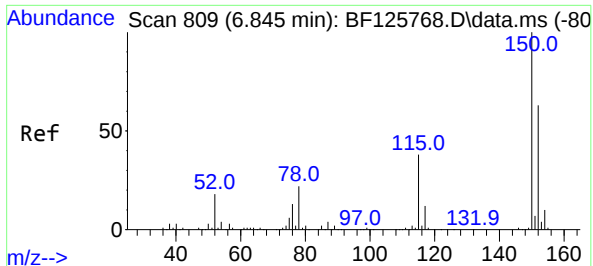
Instrument :
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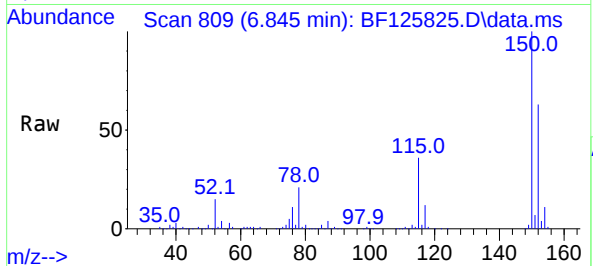
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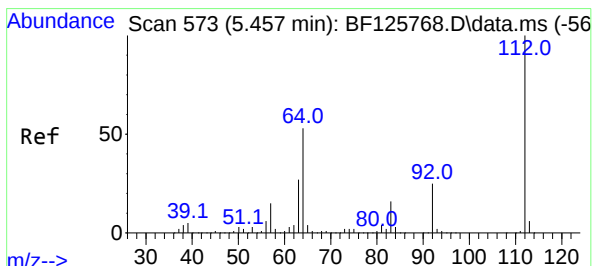
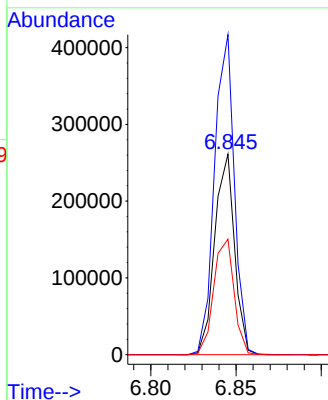
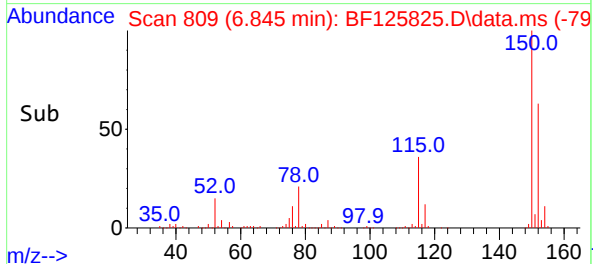




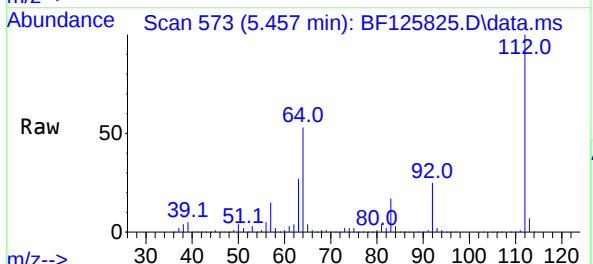
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.845 min Scan# 809
Delta R.T. 0.000 min
Lab File: BF125825.D
Acq: 13 Oct 2021 14:14



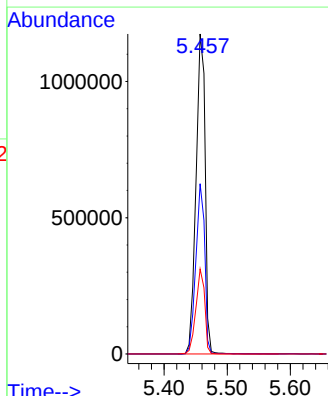
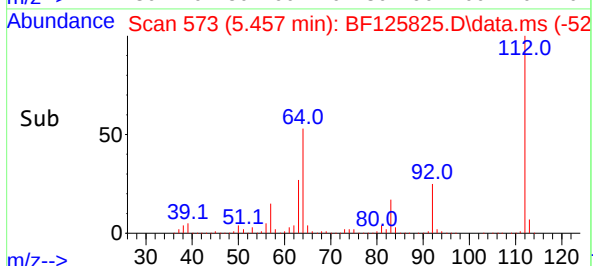
Tgt Ion:152 Resp: 211765
Ion Ratio Lower Upper
152 100
150 159.6 117.6 176.4
115 57.6 47.1 70.7



#5
2-Fluorophenol
Concen: 90.76 ng
RT: 5.457 min Scan# 573
Delta R.T. -0.006 min
Lab File: BF125825.D
Acq: 13 Oct 2021 14:14



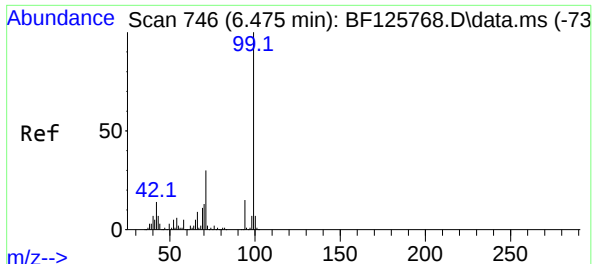
Tgt Ion:112 Resp: 1176506
Ion Ratio Lower Upper
112 100
64 53.2 44.2 66.2
63 26.5 26.2 39.2



Instrument :
BNA_F
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#7
Phenol-d6
Concen: 86.70 ng
RT: 6.469 min Scan# 745
Delta R.T. -0.006 min
Lab File: BF125825.D
Acq: 13 Oct 2021 14:14

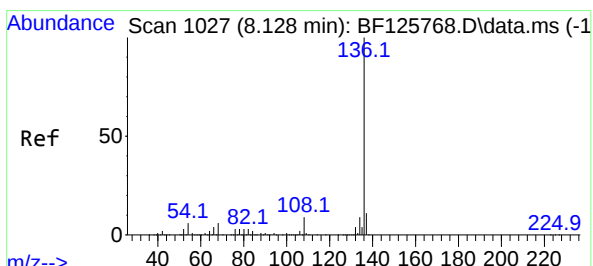
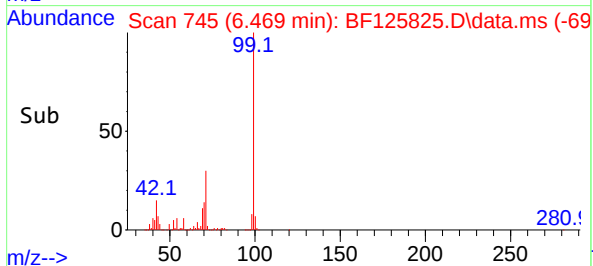
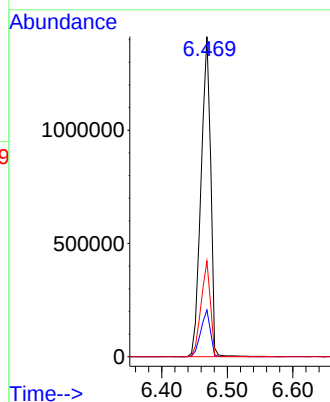
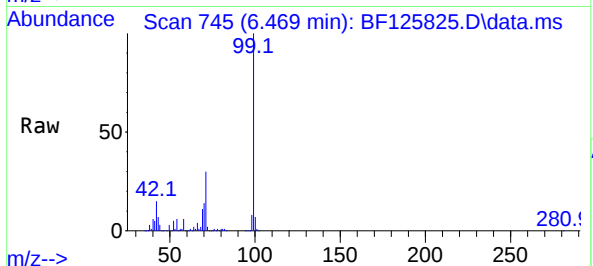
Tgt Ion: 99 Resp: 1446832

Ion	Ratio	Lower	Upper
99	100		
42	14.6	23.5	35.3#
71	29.9	25.6	38.4

Instrument :
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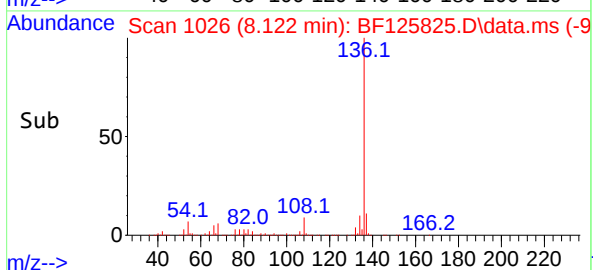
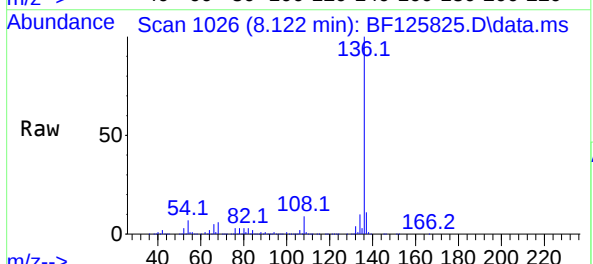
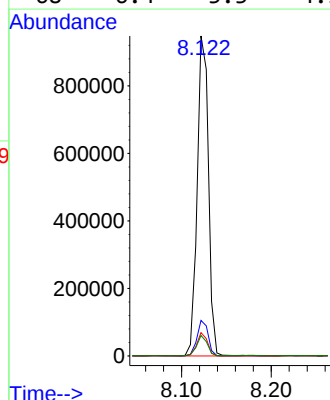
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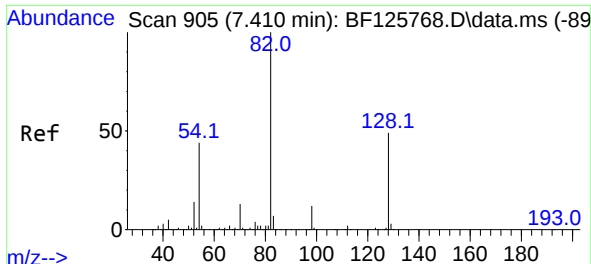


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.122 min Scan# 1026
Delta R.T. -0.006 min
Lab File: BF125825.D
Acq: 13 Oct 2021 14:14

Tgt Ion: 136 Resp: 827209

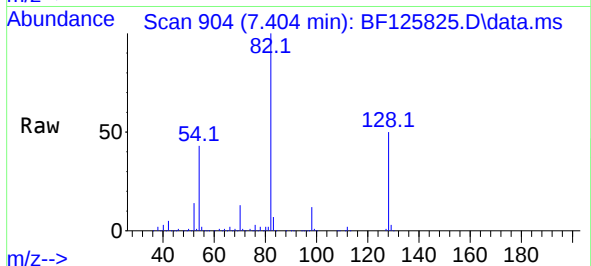
Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.8	14.6
54	7.3	6.4	9.6
68	6.4	3.3	4.9#





#23
Nitrobenzene-d5
Concen: 62.04 ng
RT: 7.404 min Scan# 904
Delta R.T. -0.006 min
Lab File: BF125825.D
Acq: 13 Oct 2021 14:14

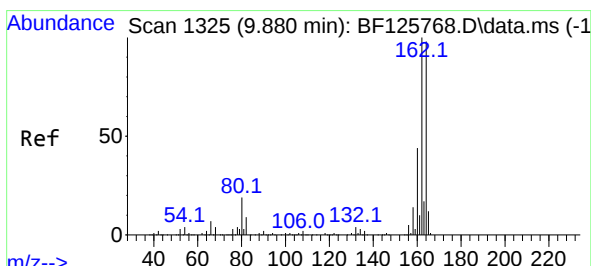
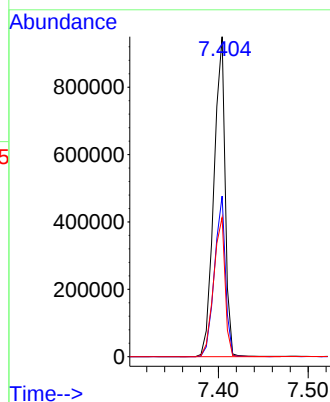
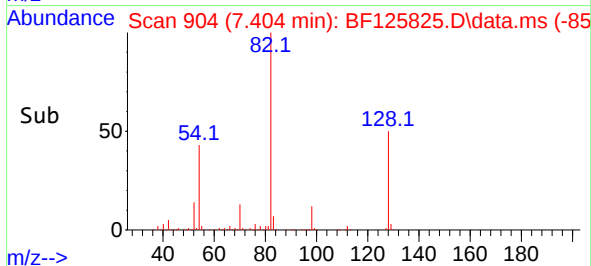
Instrument :
BNA_F
ClientSampleId :
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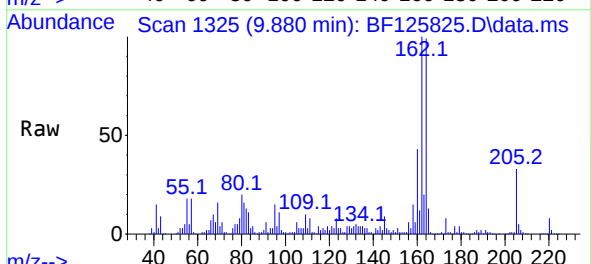
Tgt Ion: 82 Resp: 825579
Ion Ratio Lower Upper
82 100
128 50.2 40.6 60.8
54 43.5 49.6 74.4#

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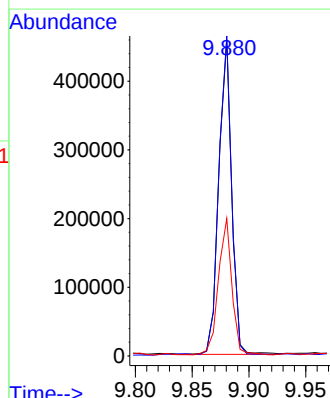
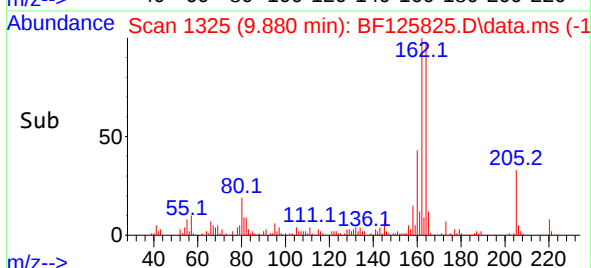
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#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.880 min Scan# 1325
Delta R.T. -0.000 min
Lab File: BF125825.D
Acq: 13 Oct 2021 14:14



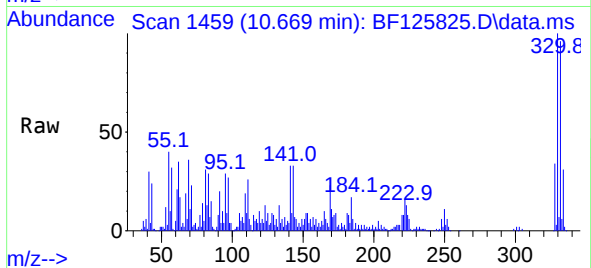
Tgt Ion: 164 Resp: 361492
Ion Ratio Lower Upper
164 100
162 101.1 81.3 121.9
160 43.4 38.0 57.0





#42
2,4,6-Tribromophenol
Concen: 72.77 ng
RT: 10.669 min Scan# 1459
Delta R.T. -0.000 min
Lab File: BF125825.D
Acq: 13 Oct 2021 14:14

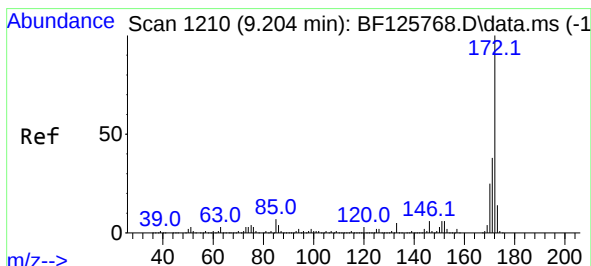
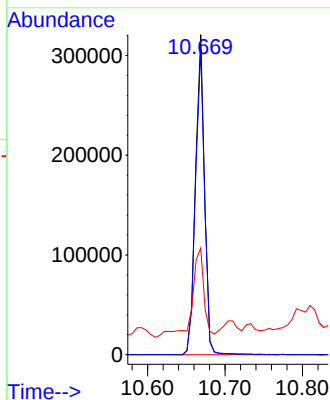
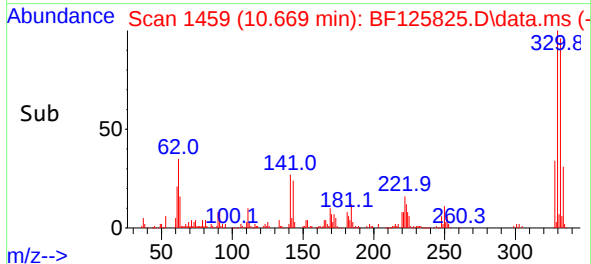
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ClientSampleId :
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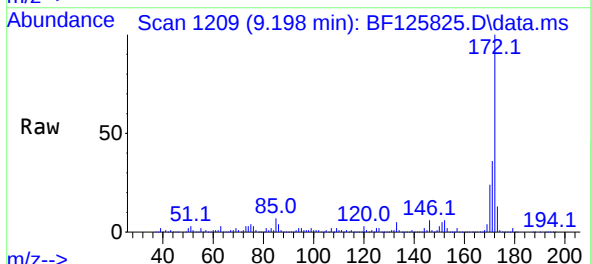
Tgt Ion: 330 Resp: 259719
Ion Ratio Lower Upper
330 100
332 96.2 76.2 114.4
141 36.6 44.6 66.8#

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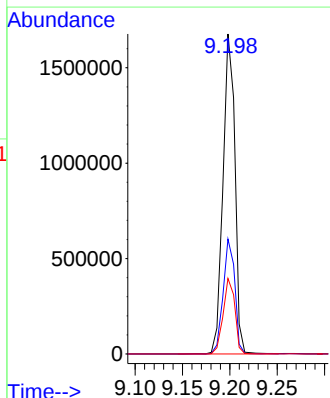
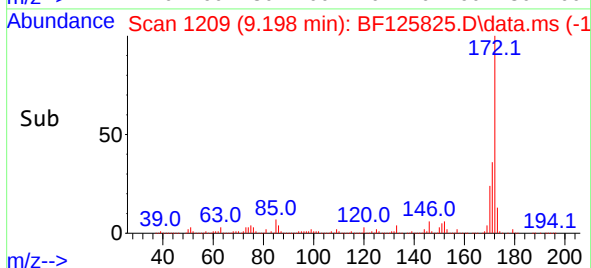
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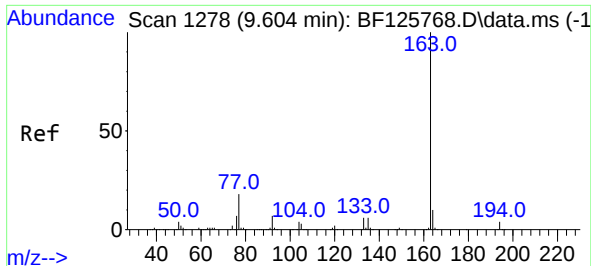


#45
2-Fluorobiphenyl
Concen: 70.45 ng
RT: 9.198 min Scan# 1209
Delta R.T. -0.006 min
Lab File: BF125825.D
Acq: 13 Oct 2021 14:14



Tgt Ion: 172 Resp: 1476510
Ion Ratio Lower Upper
172 100
171 35.9 26.5 39.7
170 23.6 18.8 28.2





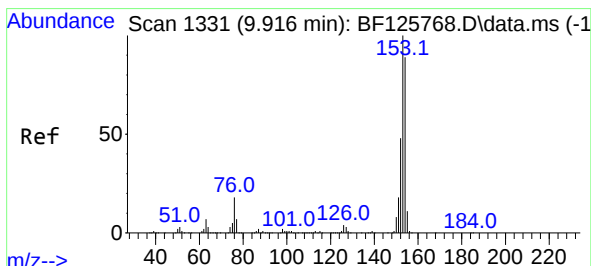
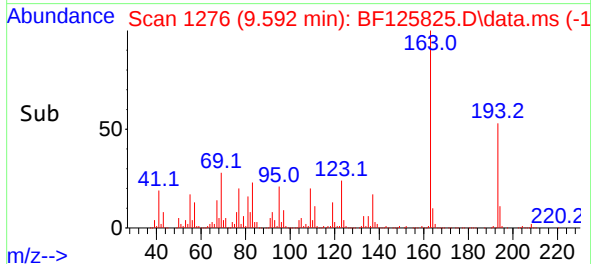
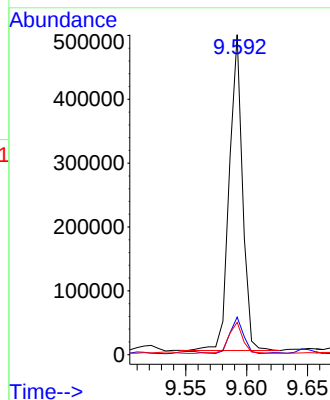
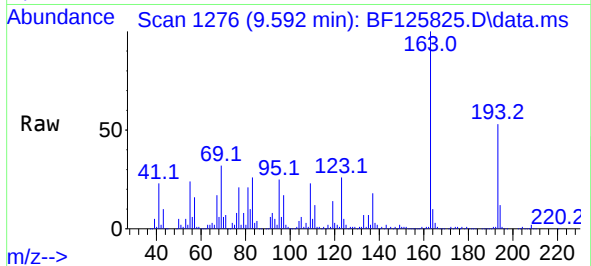
#50
Dimethylphthalate
Concen: 15.71 ng
RT: 9.592 min Scan# 1276
Delta R.T. -0.012 min
Lab File: BF125825.D
Acq: 13 Oct 2021 14:14

Tgt Ion:163 Resp: 373782
Ion Ratio Lower Upper
163 100
194 11.7 2.6 3.8#
164 10.1 7.4 11.0

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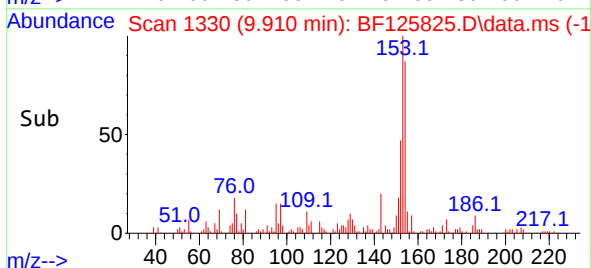
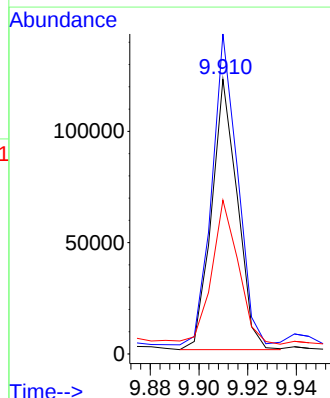
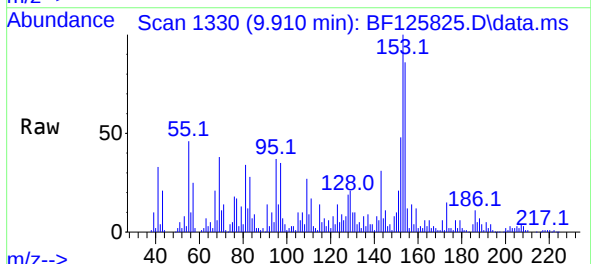
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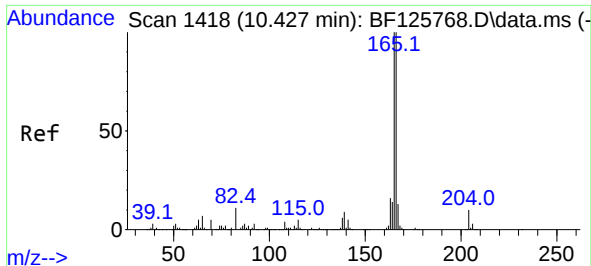
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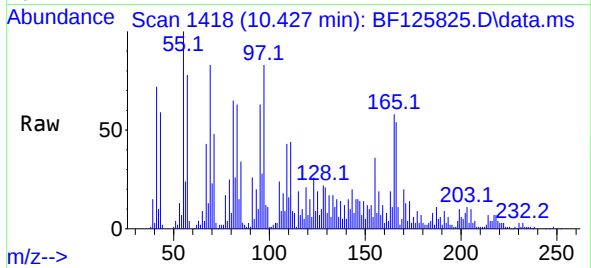
#52
Acenaphthene
Concen: 4.52 ng
RT: 9.910 min Scan# 1330
Delta R.T. -0.006 min
Lab File: BF125825.D
Acq: 13 Oct 2021 14:14

Tgt Ion:154 Resp: 89246
Ion Ratio Lower Upper
154 100
153 116.5 89.4 134.2
152 56.0 40.5 60.7

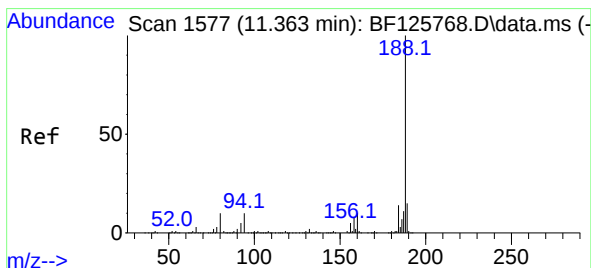
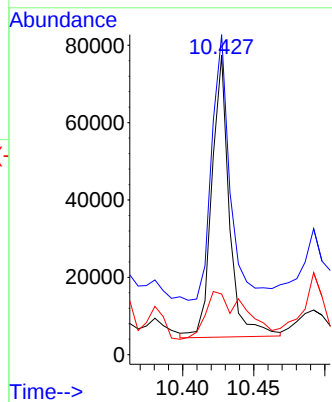
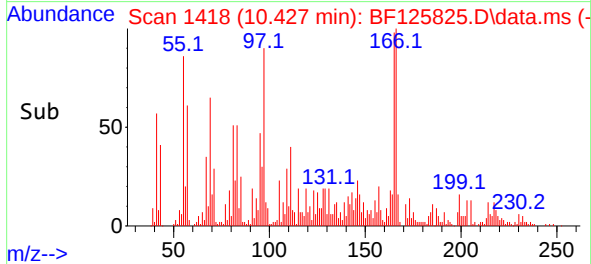




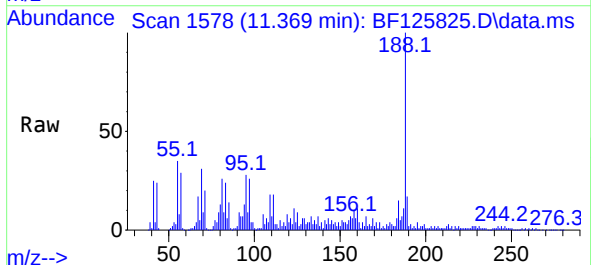
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Fluorene
Concen: 2.88 ng
RT: 10.427 min Scan# 1418
Delta R.T. -0.000 min
Lab File: BF125825.D
Acq: 13 Oct 2021 14:14



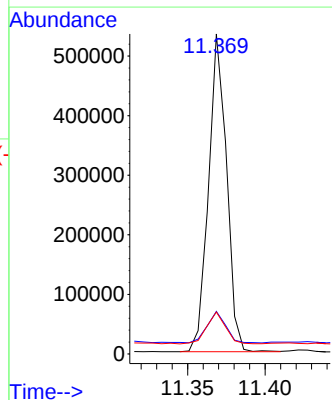
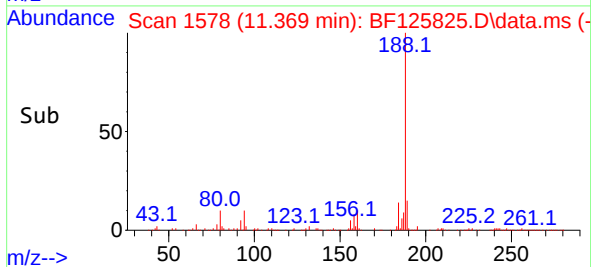
Tgt Ion:166 Resp: 62452
Ion Ratio Lower Upper
166 100
165 106.9 78.1 117.1
167 20.2 11.1 16.7#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.369 min Scan# 1578
Delta R.T. 0.006 min
Lab File: BF125825.D
Acq: 13 Oct 2021 14:14



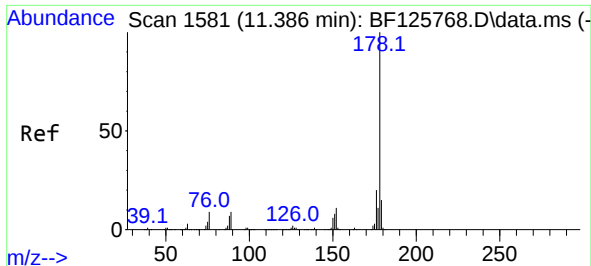
Tgt Ion:188 Resp: 432480
Ion Ratio Lower Upper
188 100
94 13.3 6.7 10.1#
80 13.1 7.5 11.3#



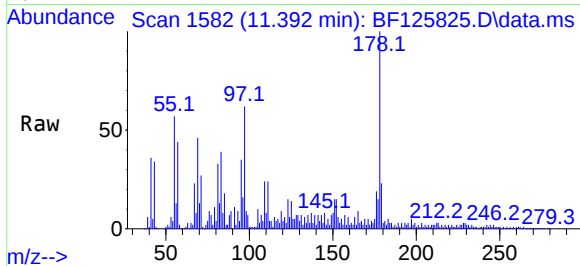
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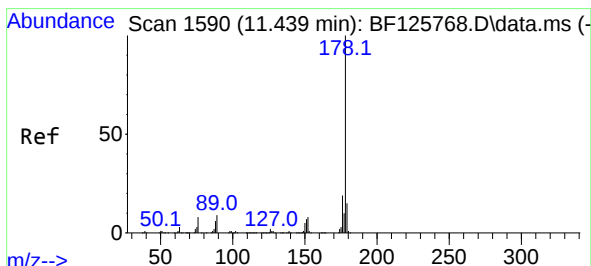
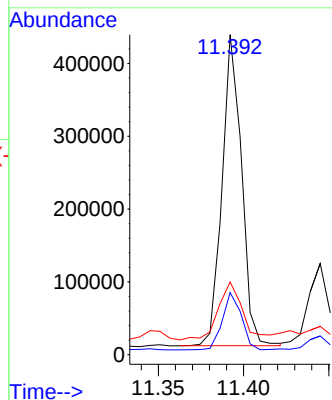
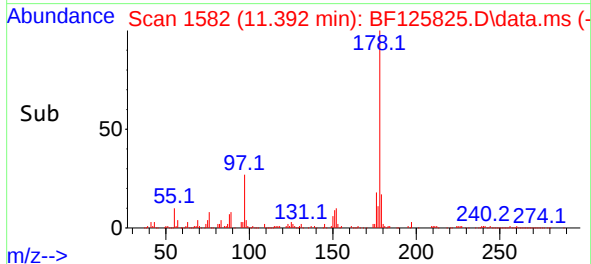
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10/14/2021 10:55:08 AM



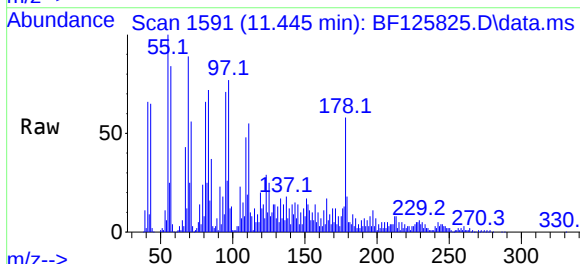
#71
Phenanthrene
Concen: 14.67 ng
RT: 11.392 min Scan# 1582
Delta R.T. -0.000 min
Lab File: BF125825.D
Acq: 13 Oct 2021 14:14



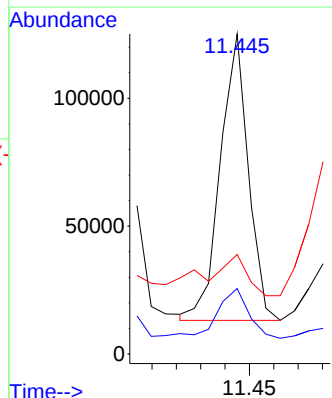
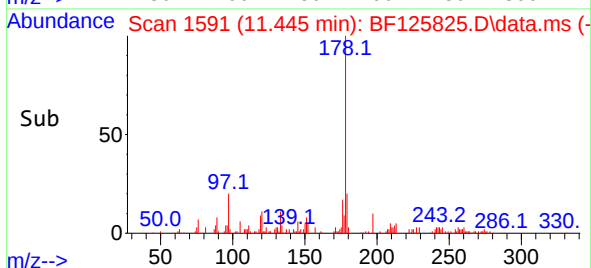
Tgt Ion:178 Resp: 339360
Ion Ratio Lower Upper
178 100
176 19.4 14.7 22.1
179 22.7 11.5 17.3#



#72
Anthracene
Concen: 3.88 ng
RT: 11.445 min Scan# 1591
Delta R.T. 0.006 min
Lab File: BF125825.D
Acq: 13 Oct 2021 14:14



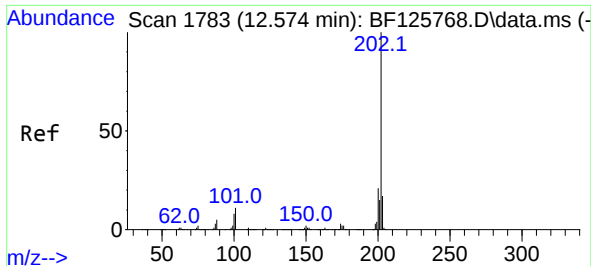
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Ion Ratio Lower Upper
178 100
176 20.5 14.3 21.5
179 31.1 12.2 18.4#



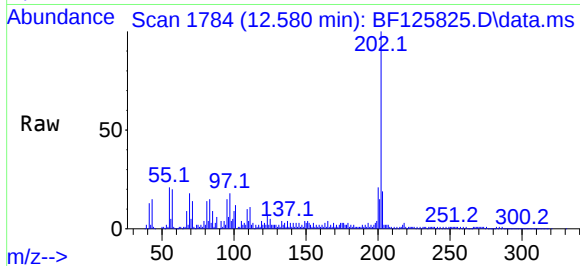
Instrument :
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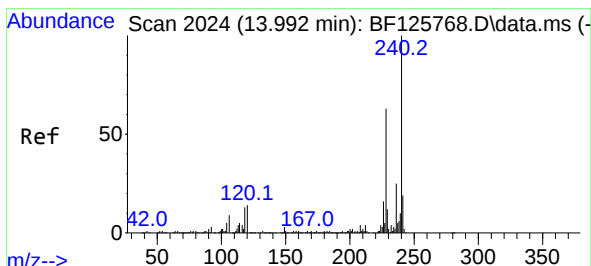
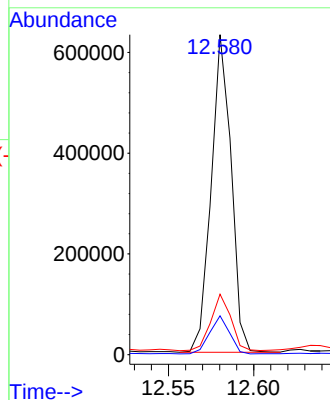
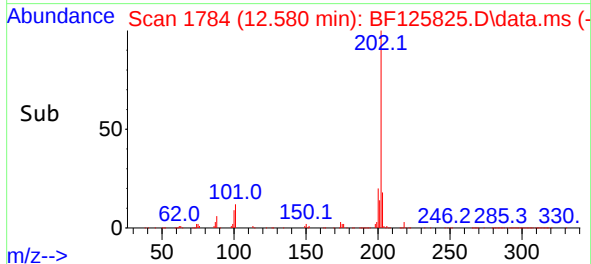
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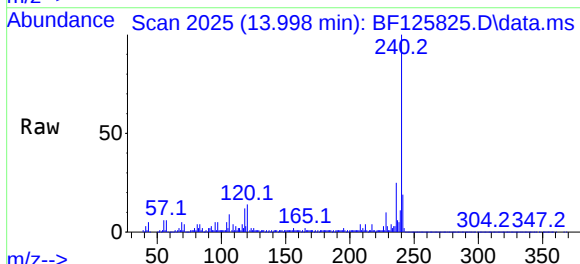
#75
Fluoranthene
Concen: 24.66 ng
RT: 12.580 min Scan# 1784
Delta R.T. 0.006 min
Lab File: BF125825.D
Acq: 13 Oct 2021 14:14



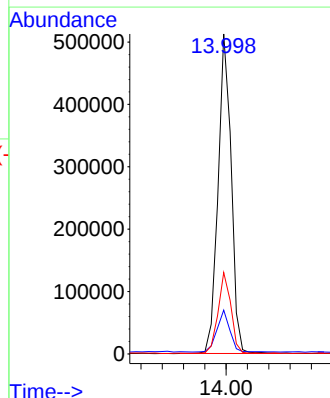
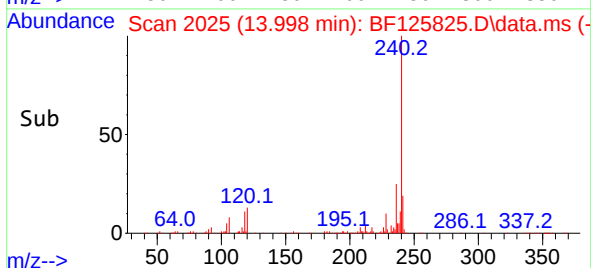
Tgt Ion:202 Resp: 514790
Ion Ratio Lower Upper
202 100
101 12.2 0.0 30.7
203 18.9 0.0 36.3



#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.998 min Scan# 2025
Delta R.T. -0.000 min
Lab File: BF125825.D
Acq: 13 Oct 2021 14:14



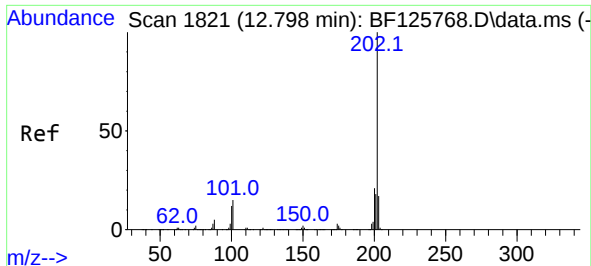
Tgt Ion:240 Resp: 436407
Ion Ratio Lower Upper
240 100
120 13.7 10.8 16.2
236 25.5 21.6 32.4



Instrument :
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ClientSampleId :
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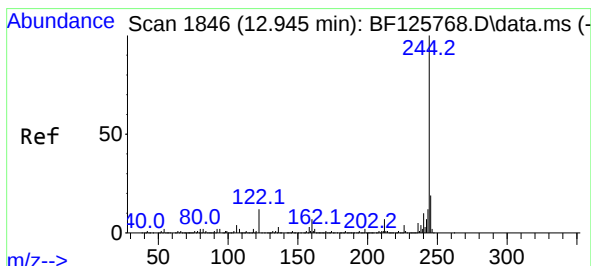
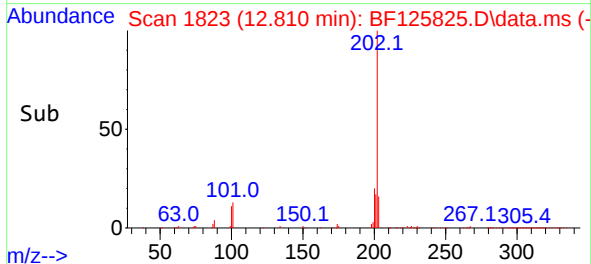
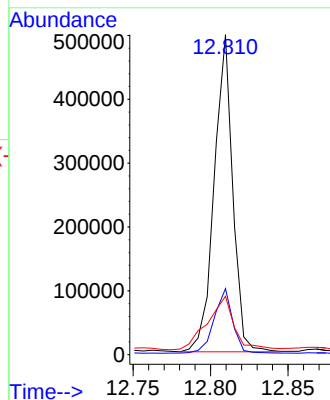
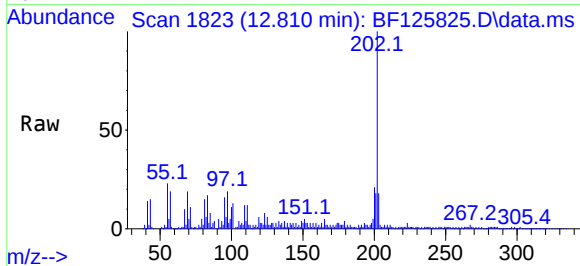
#78
Pyrene
Concen: 9.32 ng
RT: 12.810 min Scan# 1823
Delta R.T. 0.006 min
Lab File: BF125825.D
Acq: 13 Oct 2021 14:14

Tgt Ion:	202	Resp:	413104
Ion Ratio	Lower	Upper	
202	100		
200	20.7	15.3	22.9
203	18.3	13.4	20.0

Instrument :
BNA_F
ClientSampleId :
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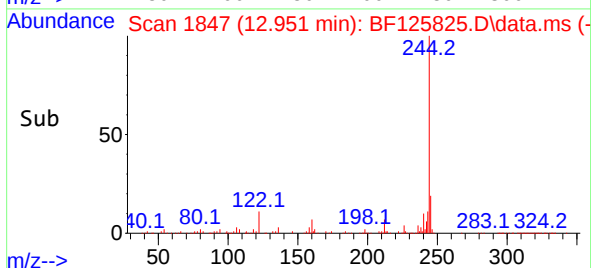
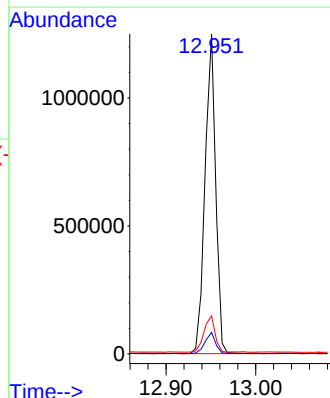
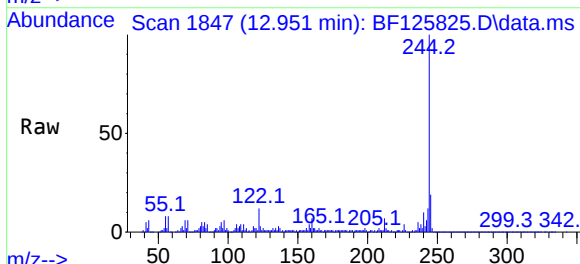
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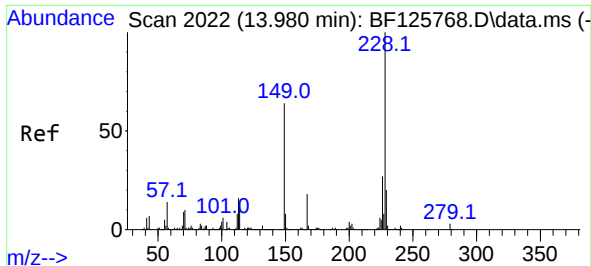
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#79
Terphenyl-d14
Concen: 35.88 ng
RT: 12.951 min Scan# 1847
Delta R.T. 0.006 min
Lab File: BF125825.D
Acq: 13 Oct 2021 14:14

Tgt Ion:	244	Resp:	1027977
Ion Ratio	Lower	Upper	
244	100		
212	6.7	5.9	8.9
122	11.9	9.0	13.4





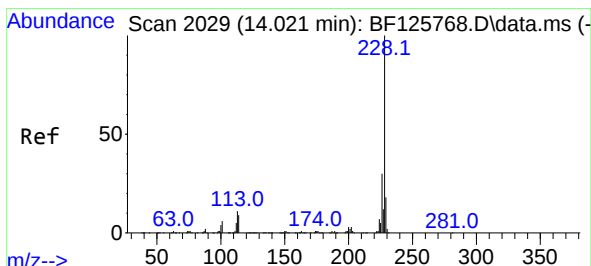
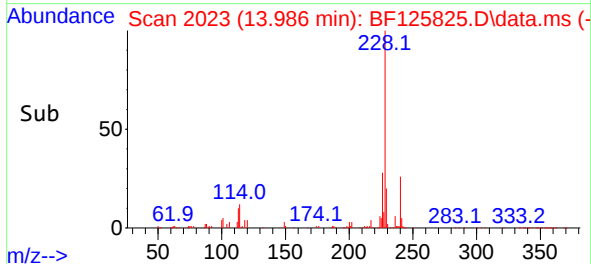
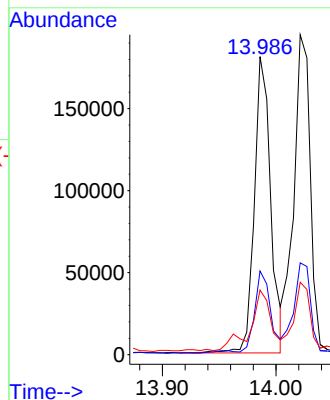
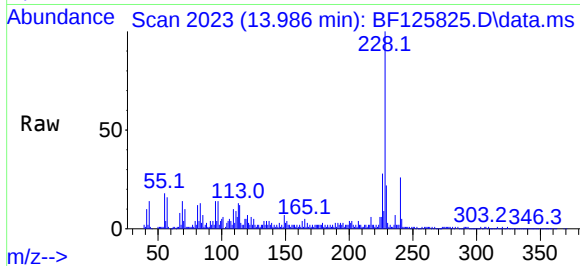
#81
Benzo(a)anthracene
Concen: 6.40 ng
RT: 13.986 min Scan# 2023
Delta R.T. -0.000 min
Lab File: BF125825.D
Acq: 13 Oct 2021 14:14

Tgt Ion:228 Resp: 181072
Ion Ratio Lower Upper
228 100
226 28.1 21.6 32.4
229 21.7 15.6 23.4

Instrument :
BNA_F
ClientSampleId :
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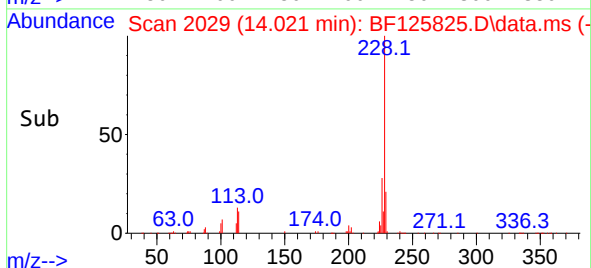
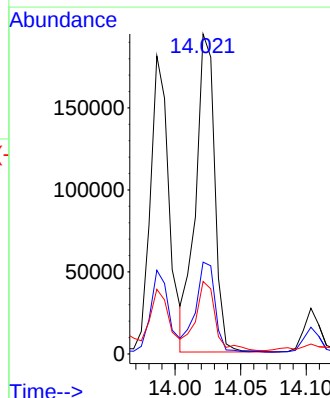
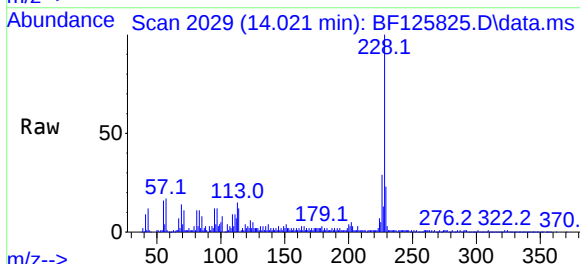
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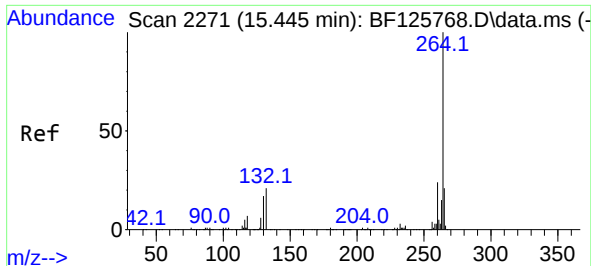
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#83
Chrysene
Concen: 7.03 ng
RT: 14.021 min Scan# 2029
Delta R.T. -0.006 min
Lab File: BF125825.D
Acq: 13 Oct 2021 14:14

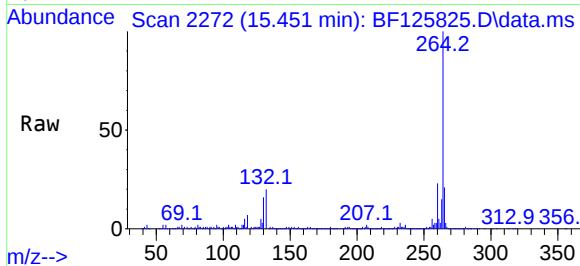
Tgt Ion:228 Resp: 196608
Ion Ratio Lower Upper
228 100
226 28.7 22.6 34.0
229 22.6 15.9 23.9





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.451 min Scan# 2272
Delta R.T. -0.000 min
Lab File: BF125825.D
Acq: 13 Oct 2021 14:14

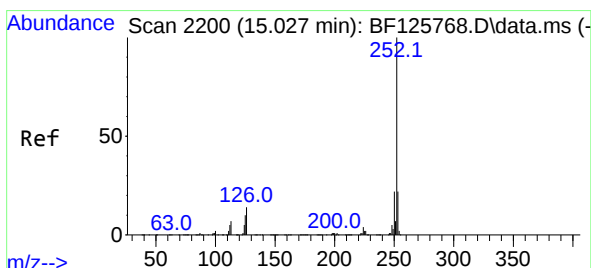
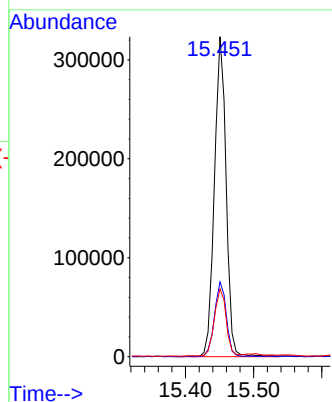
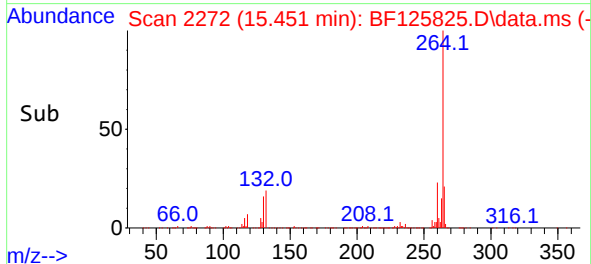
Instrument :
BNA_F
ClientSampleId :
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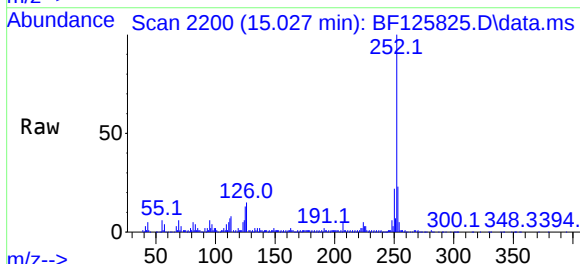
Tgt Ion:264 Resp: 386740
Ion Ratio Lower Upper
264 100
260 23.3 19.6 29.4
265 21.2 17.2 25.8

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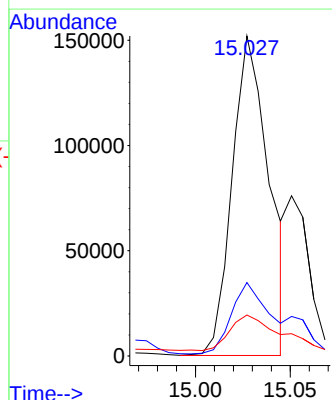
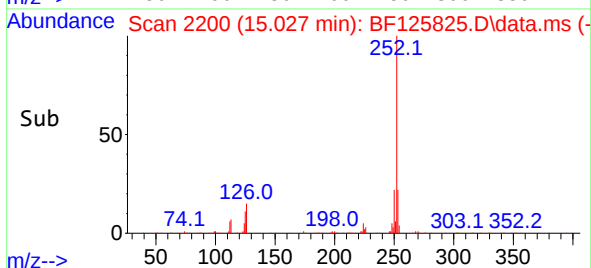
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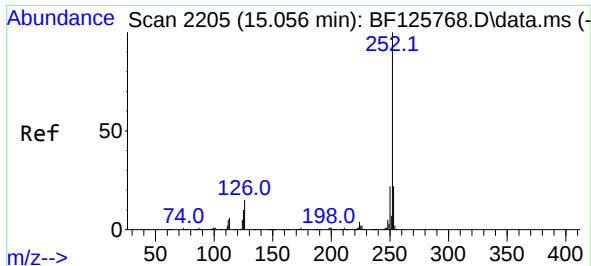


#88
Benzo(b)fluoranthene
Concen: 9.39 ng m
RT: 15.027 min Scan# 2200
Delta R.T. -0.000 min
Lab File: BF125825.D
Acq: 13 Oct 2021 14:14



Tgt Ion:252 Resp: 204997
Ion Ratio Lower Upper
252 100
253 22.9 16.8 25.2
125 12.8 9.8 14.8





#89

Benzo(k)fluoranthene

Concen: 2.82 ng m

RT: 15.051 min Scan# 2204

Delta R.T. -0.012 min

Lab File: BF125825.D

Acq: 13 Oct 2021 14:14

Tgt Ion:252	Resp:	63105
Ion Ratio	Lower	Upper
252	100	
253	24.6	17.8 26.8
125	13.9	7.2 10.8#

Instrument :

BNA_F

ClientSampleId :

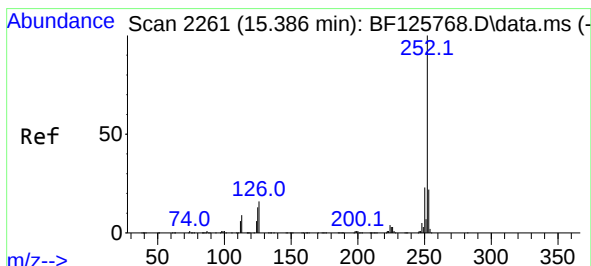
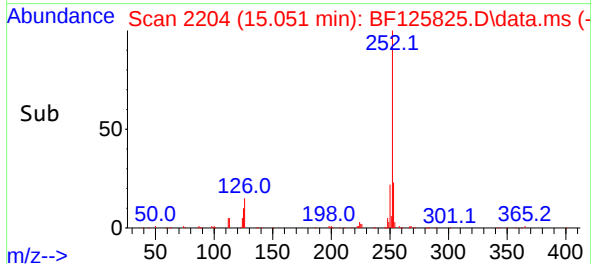
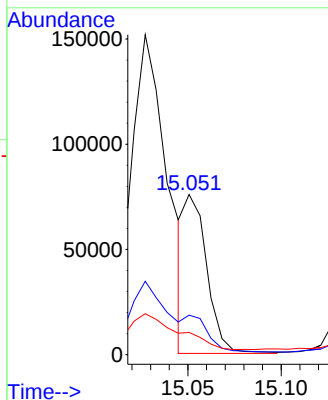
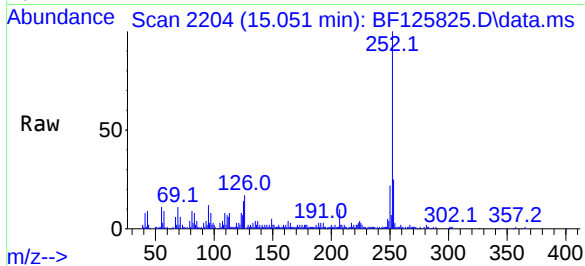
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#90

Benzo(a)pyrene

Concen: 5.77 ng

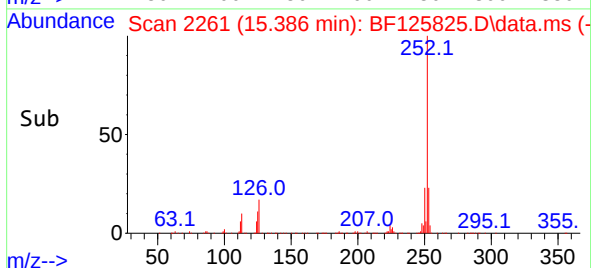
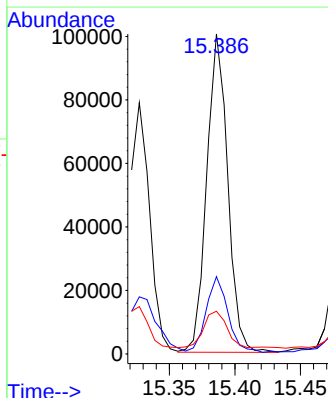
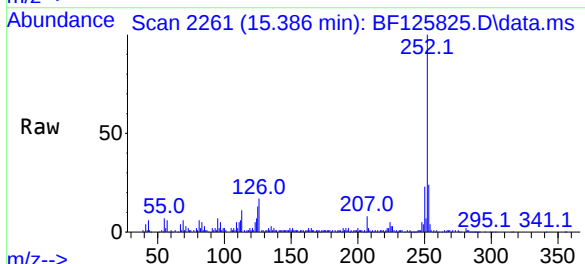
RT: 15.386 min Scan# 2261

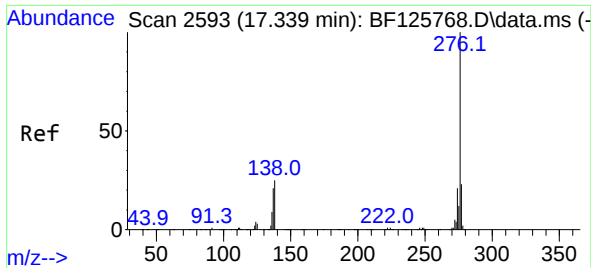
Delta R.T. -0.006 min

Lab File: BF125825.D

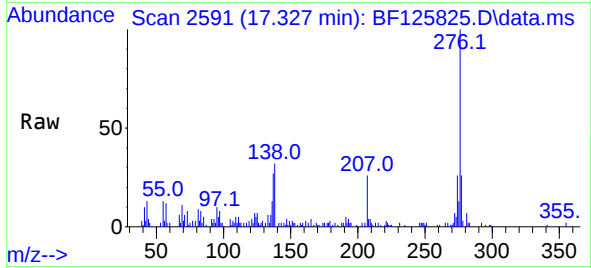
Acq: 13 Oct 2021 14:14

Tgt Ion:252	Resp:	111636
Ion Ratio	Lower	Upper
252	100	
253	24.1	18.4 27.6
125	13.3	9.9 14.9

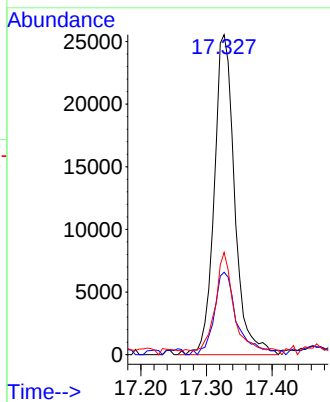
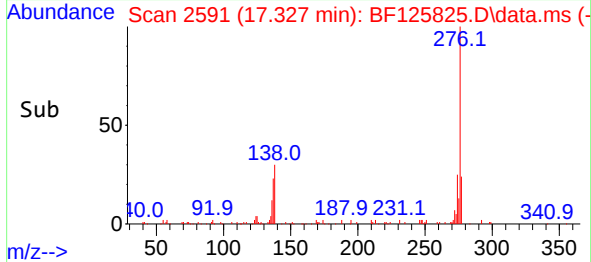




#92
 Benzo(g,h,i)perylene
 Concen: 2.22 ng
 RT: 17.327 min Scan# 2591
 Delta R.T. -0.024 min
 Lab File: BF125825.D
 Acq: 13 Oct 2021 14:14



Tgt Ion:	276	Resp:	55175
Ion Ratio	Lower	Upper	
276	100		
277	25.8	22.0	33.0
138	31.9	22.2	33.4



Instrument :
 BNA_F
 ClientSampleId :
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