

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091321\
 Data File : BF125461.D
 Acq On : 14 Sep 2021 00:34
 Operator : JU/CG
 Sample : M3685-01DL 2X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 327DL

Manual Integrations
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Quant Time: Sep 14 03:32:27 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 13 12:03:46 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.886	152	150027	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	539284	20.000	ng	# 0.00
39) Acenaphthene-d10	9.927	164	238574	20.000	ng	0.00
64) Phenanthrene-d10	11.427	188	349535	20.000	ng	# 0.00
76) Chrysene-d12	14.074	240	265090	20.000	ng	# 0.00
86) Perylene-d12	15.574	264	212653	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	490822	49.518	ng	0.00
7) Phenol-d6	6.522	99	616117	48.062	ng	-0.01
23) Nitrobenzene-d5	7.445	82	369534	34.497	ng	-0.01
42) 2,4,6-Tribromophenol	10.721	330	132330	55.566	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	637190	37.224	ng	0.00
79) Terphenyl-d14	13.015	244	566062	34.018	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	11.451	178	406742	21.119	ng	# 94
72) Anthracene	11.504	178	112103m	5.905	ng	
73) Carbazole	11.657	167	60716	3.500	ng	# 82
75) Fluoranthene	12.651	202	1040129	54.428	ng	95
78) Pyrene	12.880	202	968064	42.572	ng	96
81) Benzo(a)anthracene	14.062	228	509327	26.666	ng	97
83) Chrysene	14.104	228	509725	26.985	ng	97
87) Indeno(1,2,3-cd)pyrene	17.080	276	180766	11.799	ng	# 89
88) Benzo(b)fluoranthene	15.133	252	577321m	37.160	ng	
89) Benzo(k)fluoranthene	15.156	252	145969m	10.069	ng	
90) Benzo(a)pyrene	15.509	252	323385m	23.564	ng	
91) Dibenzo(a,h)anthracene	17.086	278	47137m	3.560	ng	
92) Benzo(g,h,i)perylene	17.539	276	163474	12.803	ng	# 91

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

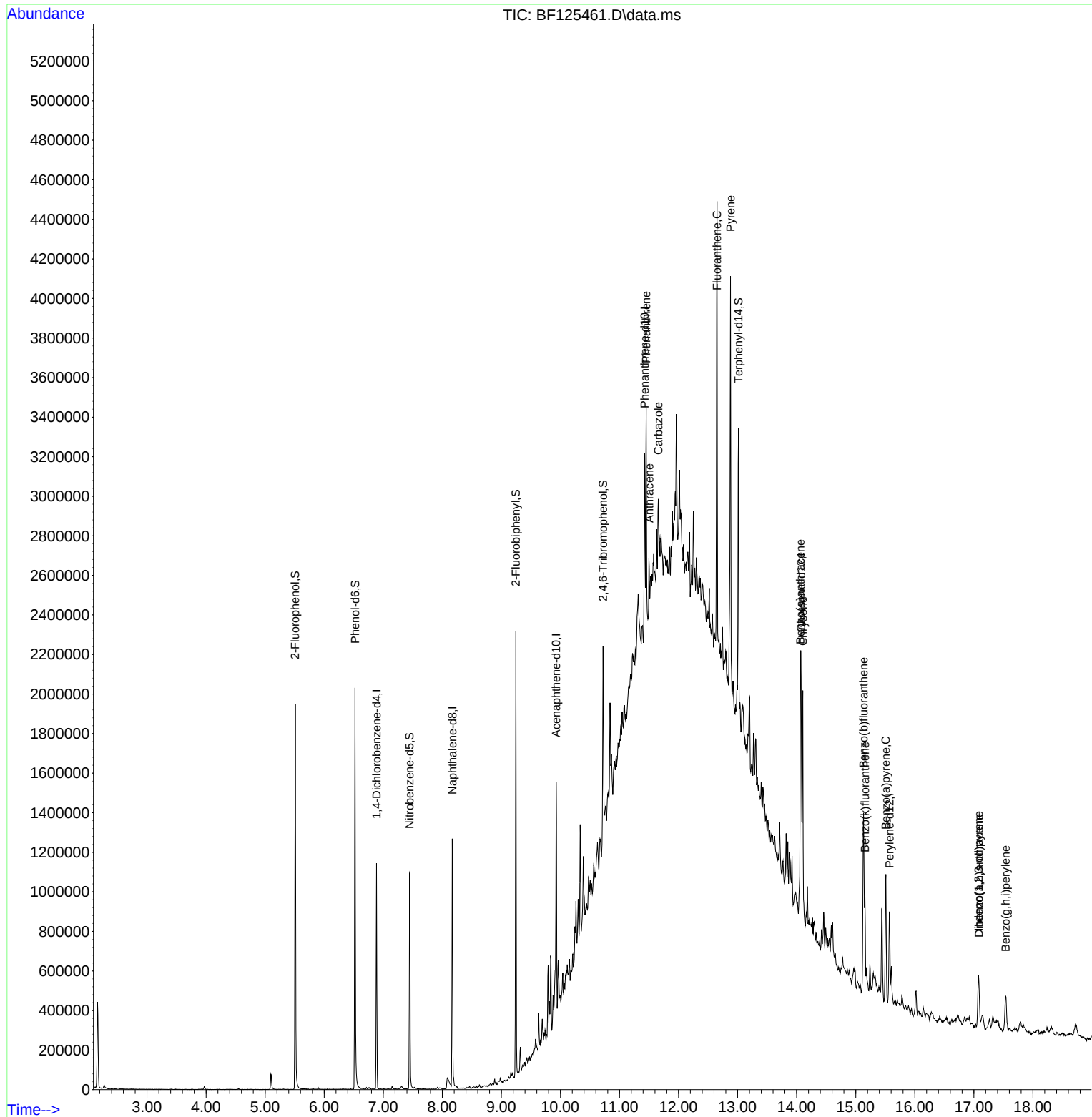
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Data File : BF125461.D
Acq On : 14 Sep 2021 00:34
Operator : JU/CG
Sample : M3685-01DL 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

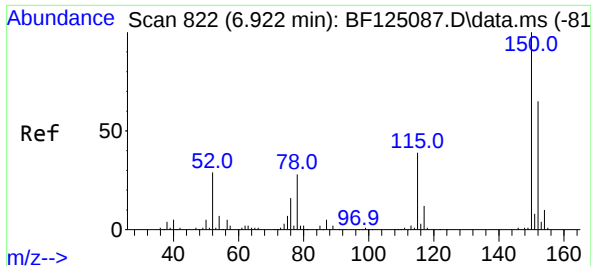
Instrument :
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ClientSampled :
327DL

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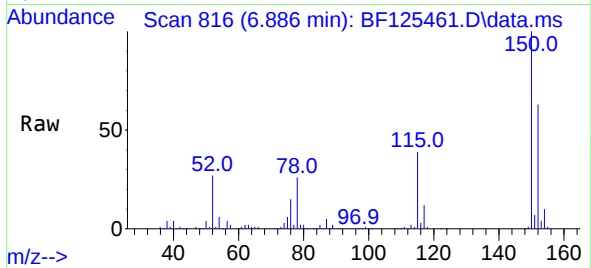
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Quant Time: Sep 14 03:32:27 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.M
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QLast Update : Mon Sep 13 12:03:46 2021
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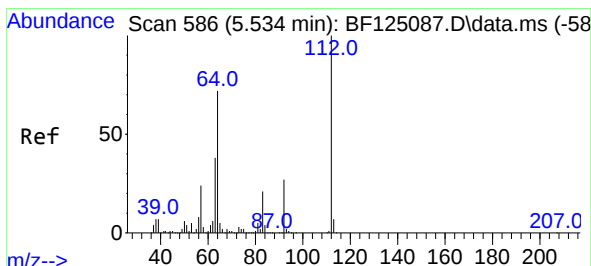
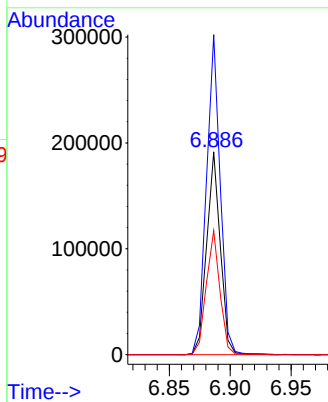
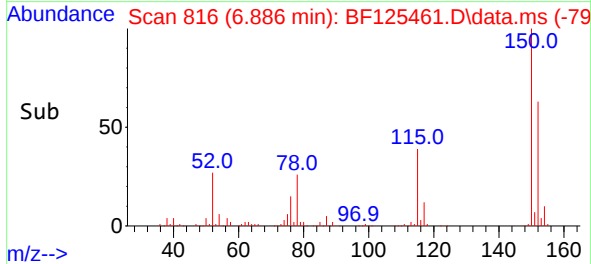




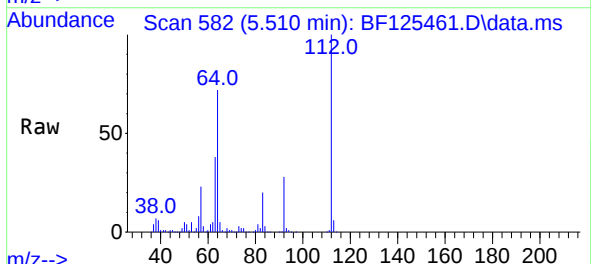
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.886 min Scan# 816
Delta R.T. 0.000 min
Lab File: BF125461.D
Acq: 14 Sep 2021 00:34



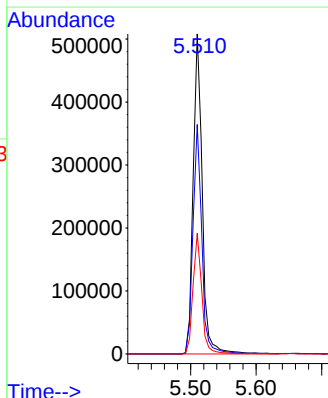
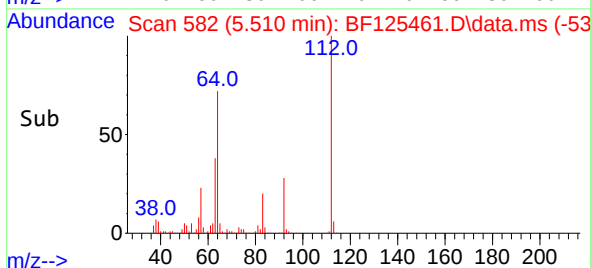
Tgt Ion:152 Resp: 150027
Ion Ratio Lower Upper
152 100
150 157.7 117.6 176.4
115 61.2 47.1 70.7



#5
2-Fluorophenol
Concen: 49.518 ng
RT: 5.510 min Scan# 582
Delta R.T. -0.006 min
Lab File: BF125461.D
Acq: 14 Sep 2021 00:34



Tgt Ion:112 Resp: 490822
Ion Ratio Lower Upper
112 100
64 71.7 44.2 66.2#
63 37.7 26.2 39.2



Instrument :
BNA_F
ClientSampleId :
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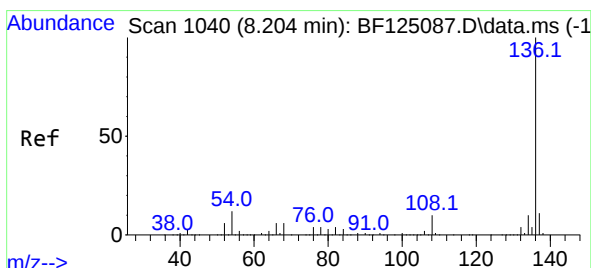
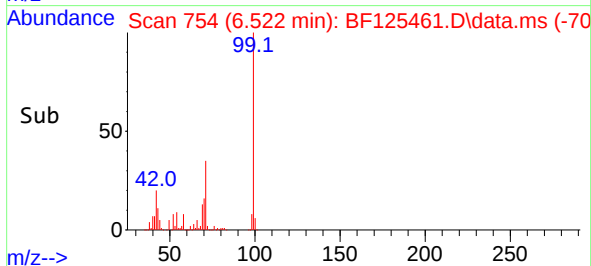
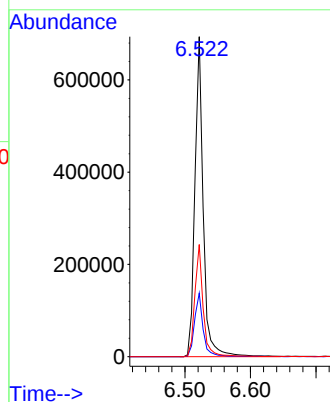
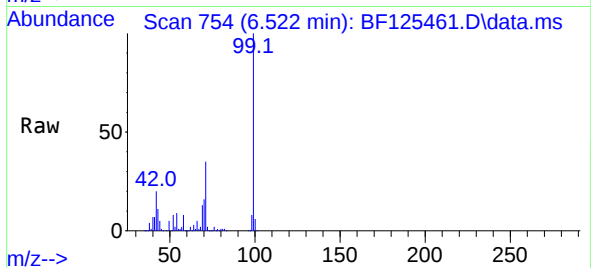
#7
Phenol-d6
Concen: 48.062 ng
RT: 6.522 min Scan# 754
Delta R.T. -0.012 min
Lab File: BF125461.D
Acq: 14 Sep 2021 00:34

Tgt Ion: 99 Resp: 616117
Ion Ratio Lower Upper
99 100
42 19.9 23.5 35.3#
71 35.1 25.6 38.4

Instrument :
BNA_F
ClientSampleId :
327DL

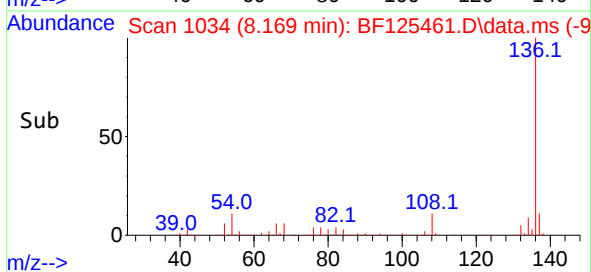
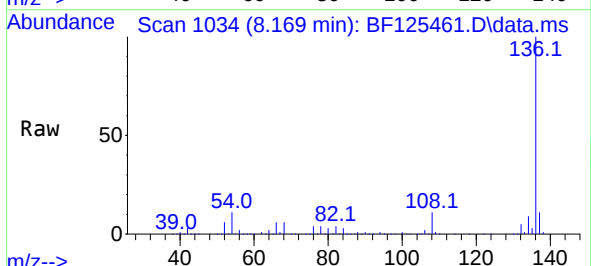
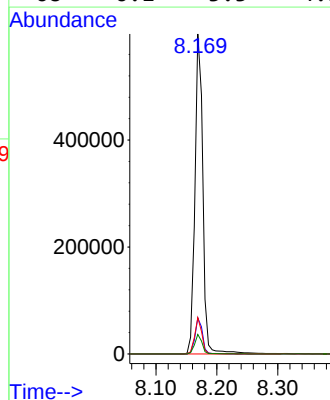
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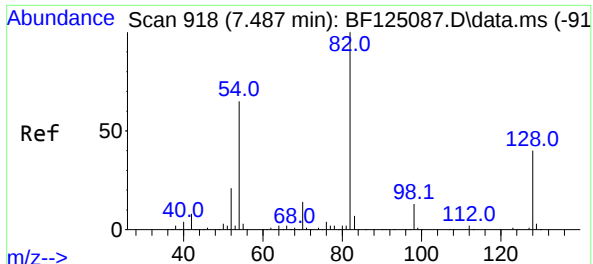
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#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1034
Delta R.T. -0.006 min
Lab File: BF125461.D
Acq: 14 Sep 2021 00:34

Tgt Ion: 136 Resp: 539284
Ion Ratio Lower Upper
136 100
137 11.2 9.8 14.6
54 11.3 6.4 9.6#
68 6.1 3.3 4.9#





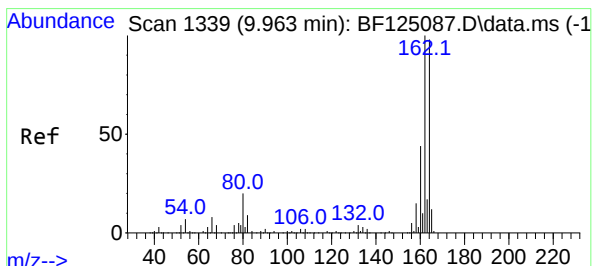
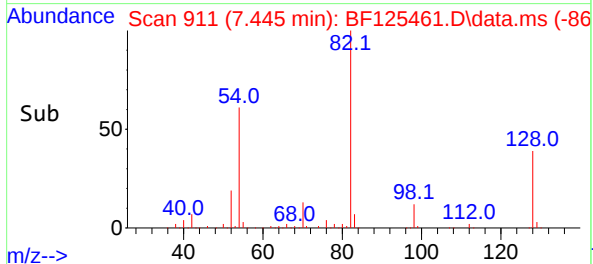
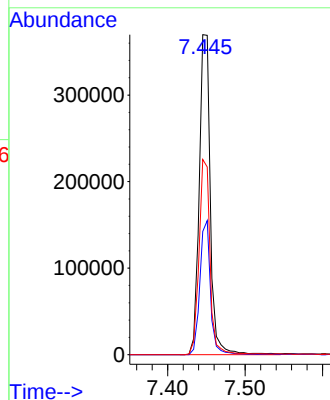
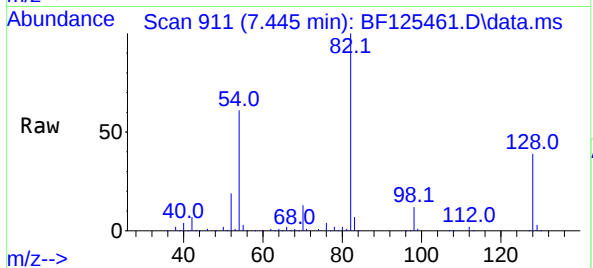
#23
Nitrobenzene-d5
Concen: 34.497 ng
RT: 7.445 min Scan# 911
Delta R.T. -0.012 min
Lab File: BF125461.D
Acq: 14 Sep 2021 00:34

Tgt Ion: 82 Resp: 369534
Ion Ratio Lower Upper
82 100
128 38.5 40.6 60.8#
54 61.0 49.6 74.4

Instrument :
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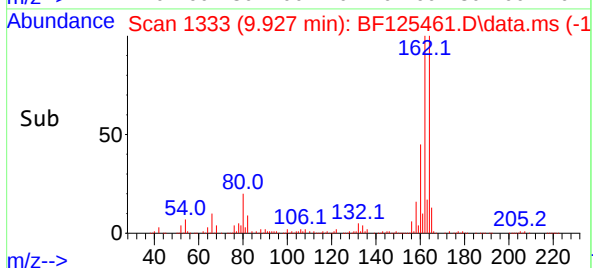
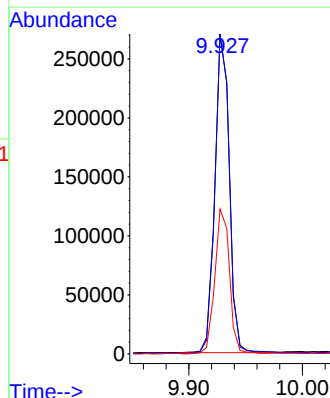
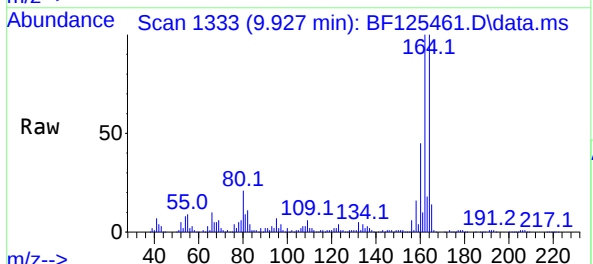
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.927 min Scan# 1333
Delta R.T. -0.006 min
Lab File: BF125461.D
Acq: 14 Sep 2021 00:34

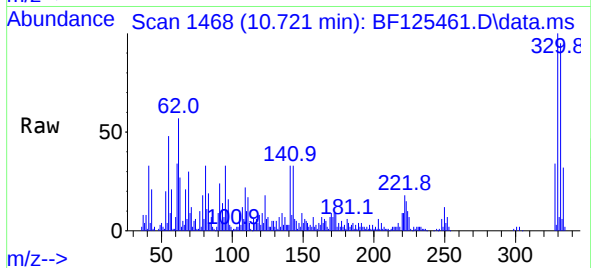
Tgt Ion: 164 Resp: 238574
Ion Ratio Lower Upper
164 100
162 100.2 81.3 121.9
160 45.4 38.0 57.0





#42
2,4,6-Tribromophenol
Concen: 55.566 ng
RT: 10.721 min Scan# 1468
Delta R.T. -0.006 min
Lab File: BF125461.D
Acq: 14 Sep 2021 00:34

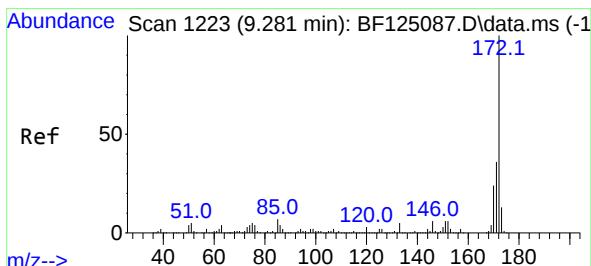
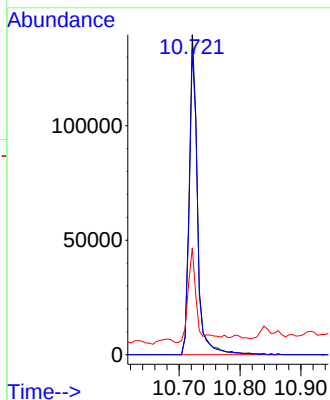
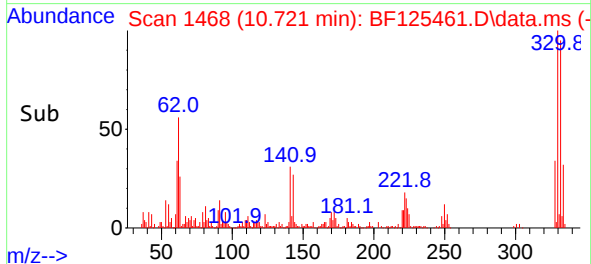
Instrument :
BNA_F
ClientSampleId :
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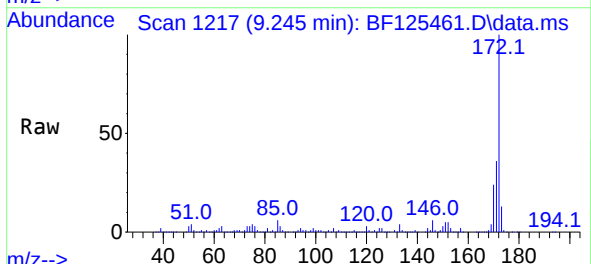
Tgt Ion:330 Resp: 132330
Ion Ratio Lower Upper
330 100
332 95.7 76.2 114.4
141 31.4 44.6 66.8#

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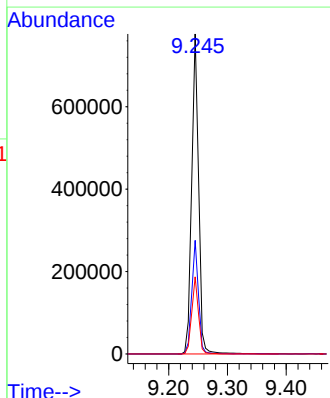
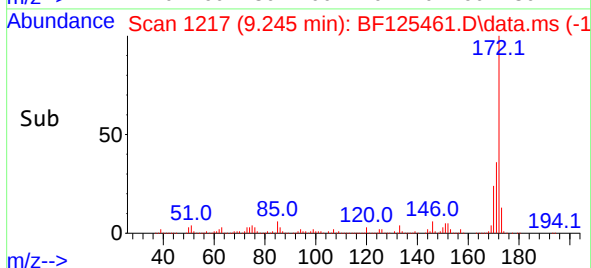
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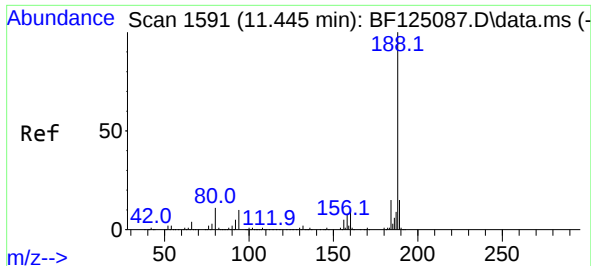


#45
2-Fluorobiphenyl
Concen: 37.224 ng
RT: 9.245 min Scan# 1217
Delta R.T. -0.006 min
Lab File: BF125461.D
Acq: 14 Sep 2021 00:34

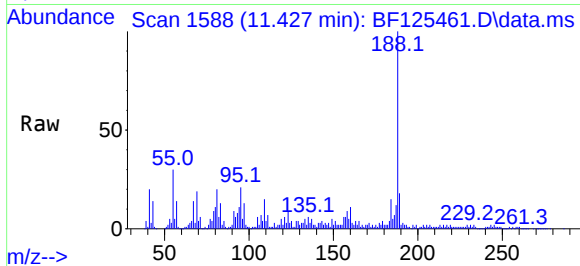


Tgt Ion:172 Resp: 637190
Ion Ratio Lower Upper
172 100
171 35.5 26.5 39.7
170 24.1 18.8 28.2

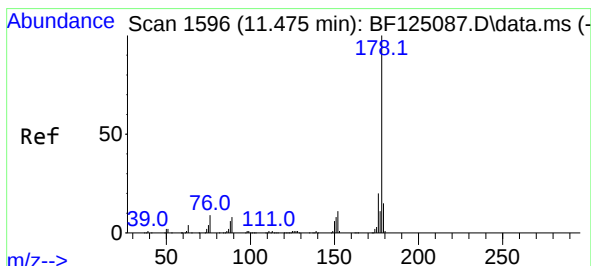
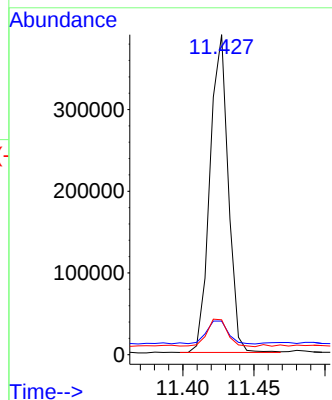
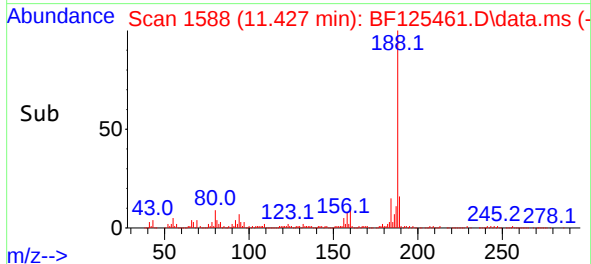




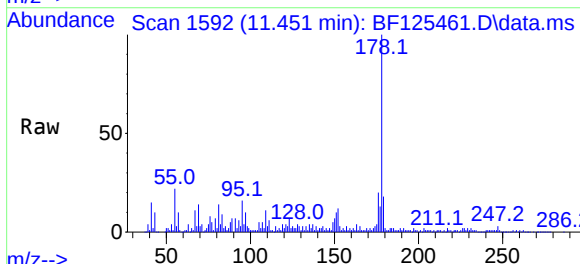
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.427 min Scan# 1588
Delta R.T. 0.006 min
Lab File: BF125461.D
Acq: 14 Sep 2021 00:34



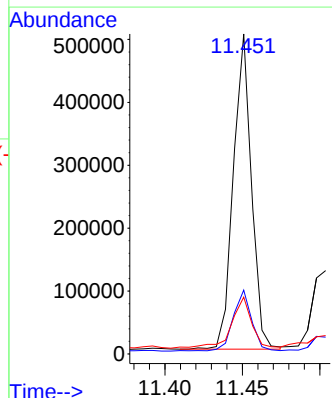
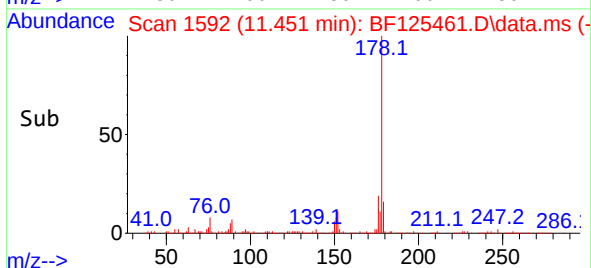
Tgt Ion:188 Resp: 349535
Ion Ratio Lower Upper
188 100
94 10.5 6.7 10.1#
80 10.9 7.5 11.3



#71
Phenanthrene
Concen: 21.119 ng
RT: 11.451 min Scan# 1592
Delta R.T. 0.000 min
Lab File: BF125461.D
Acq: 14 Sep 2021 00:34



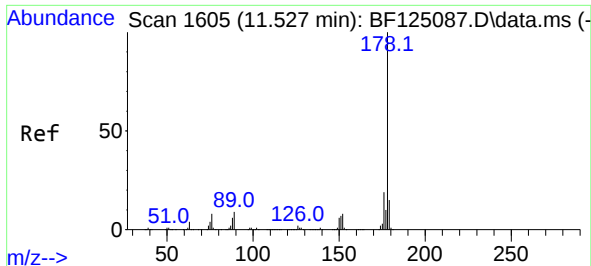
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Ion Ratio Lower Upper
178 100
176 19.9 14.7 22.1
179 17.8 11.5 17.3#



Instrument :
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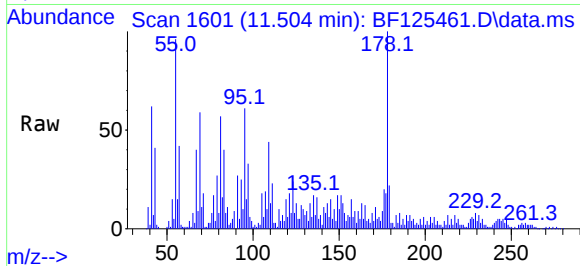
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#72
 Anthracene
 Concen: 5.905 ng m
 RT: 11.504 min Scan# 1601
 Delta R.T. 0.000 min
 Lab File: BF125461.D
 Acq: 14 Sep 2021 00:34

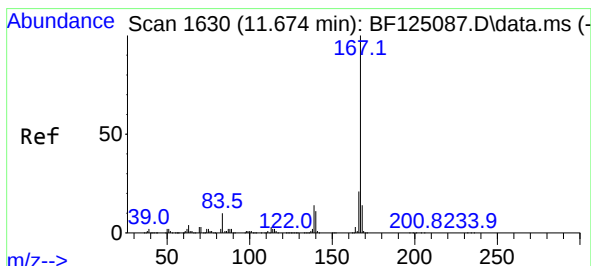
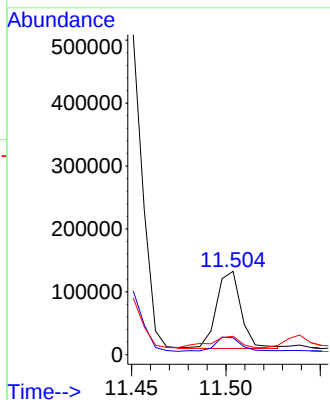
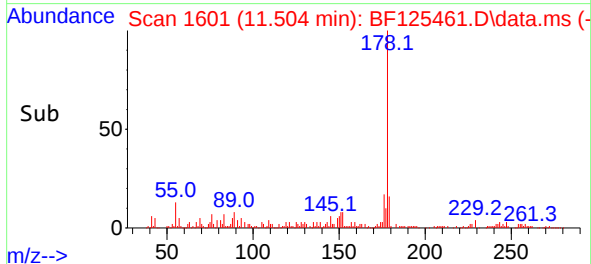
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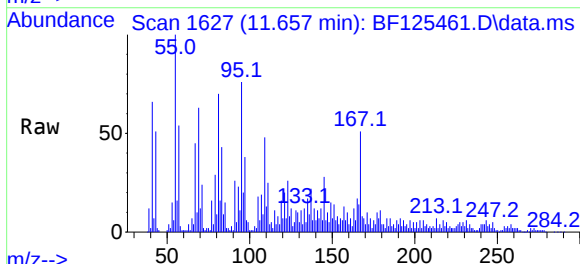
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 Ion Ratio Lower Upper
 178 100
 176 20.1 14.3 21.5
 179 22.1 12.2 18.4#

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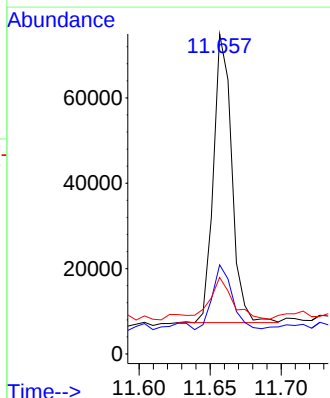
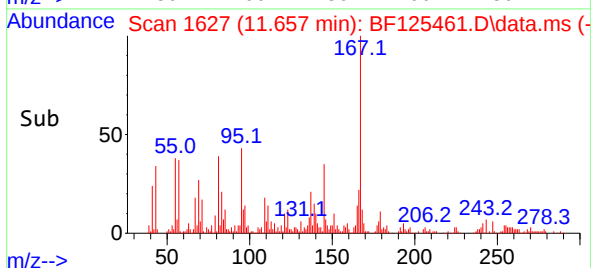
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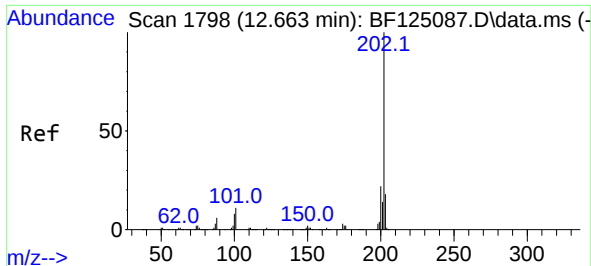


#73
 Carbazole
 Concen: 3.500 ng
 RT: 11.657 min Scan# 1627
 Delta R.T. 0.000 min
 Lab File: BF125461.D
 Acq: 14 Sep 2021 00:34



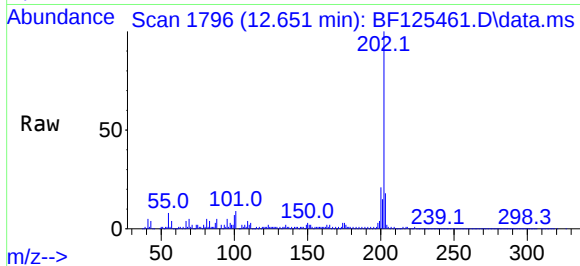
Tgt Ion:167 Resp: 60716
 Ion Ratio Lower Upper
 167 100
 166 27.9 17.4 26.0#
 139 23.9 11.0 16.4#





#75
Fluoranthene
Concen: 54.428 ng
RT: 12.651 min Scan# 1796
Delta R.T. 0.012 min
Lab File: BF125461.D
Acq: 14 Sep 2021 00:34

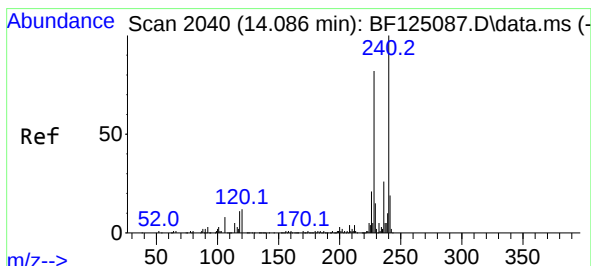
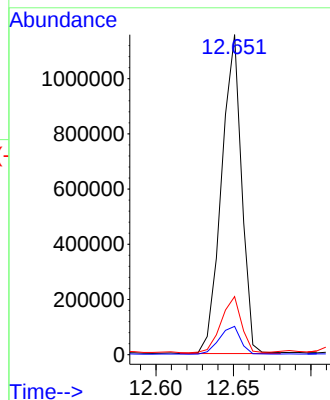
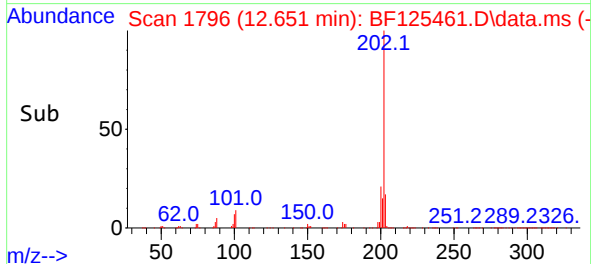
Instrument :
BNA_F
ClientSampled :
327DL



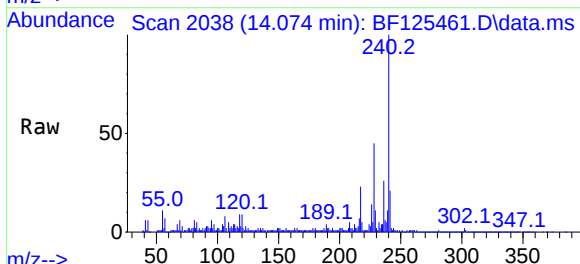
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Ion Ratio Lower Upper
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203 18.2 0.0 36.3

Manual Integrations
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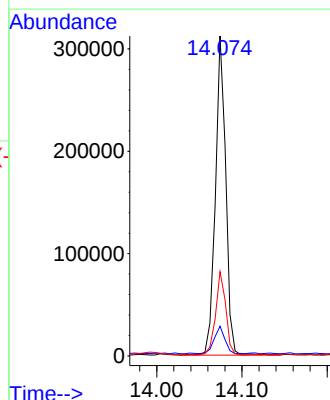
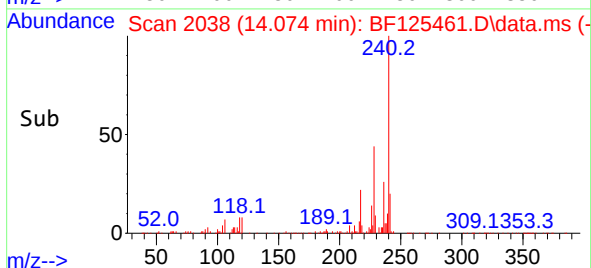
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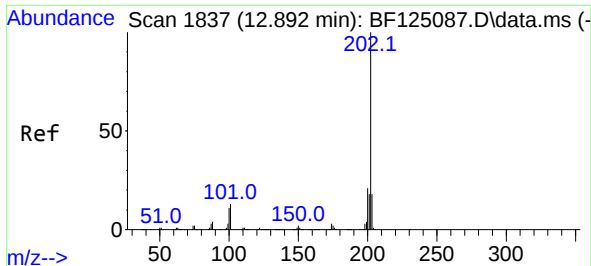


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.074 min Scan# 2038
Delta R.T. 0.000 min
Lab File: BF125461.D
Acq: 14 Sep 2021 00:34



Tgt Ion:240 Resp: 265090
Ion Ratio Lower Upper
240 100
120 9.3 10.8 16.2#
236 26.3 21.6 32.4





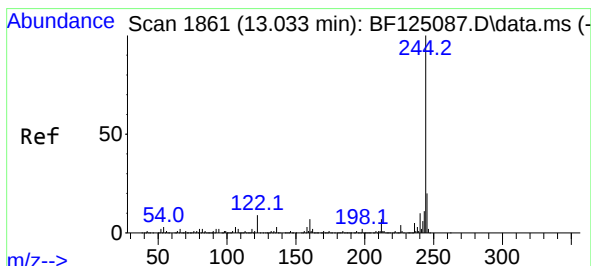
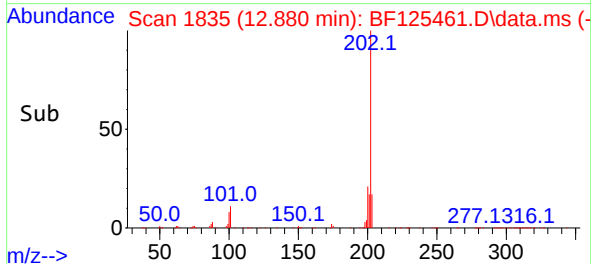
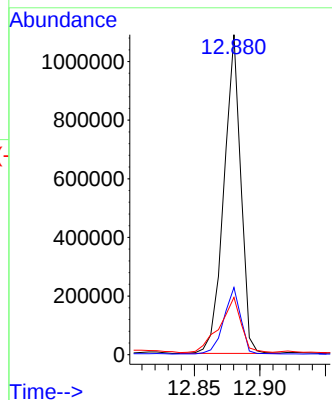
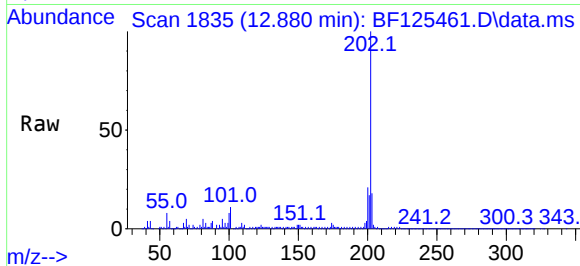
#78
Pyrene
Concen: 42.572 ng
RT: 12.880 min Scan# 1835
Delta R.T. 0.006 min
Lab File: BF125461.D
Acq: 14 Sep 2021 00:34

Tgt Ion:	202	Resp:	968064
Ion Ratio	Lower	Upper	
202	100		
200	21.0	15.3	22.9
203	17.9	13.4	20.0

Instrument :
BNA_F
ClientSampleId :
327DL

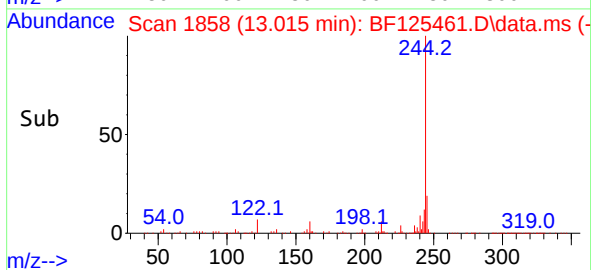
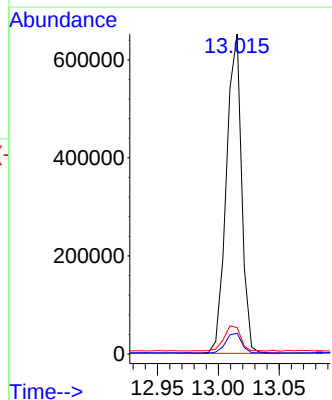
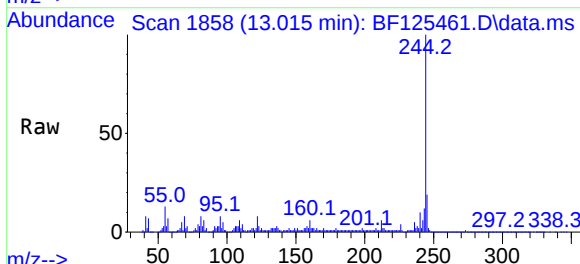
Manual Integrations
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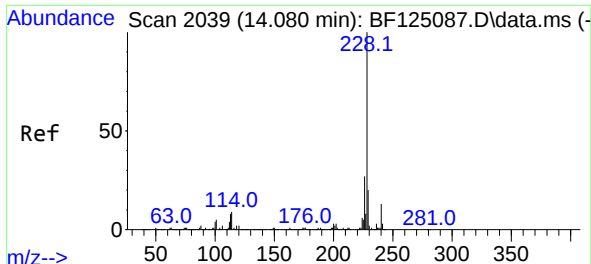
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#79
Terphenyl-d14
Concen: 34.018 ng
RT: 13.015 min Scan# 1858
Delta R.T. 0.006 min
Lab File: BF125461.D
Acq: 14 Sep 2021 00:34

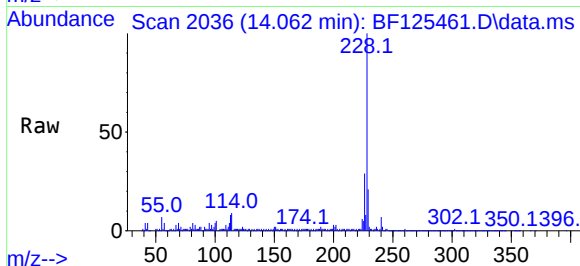
Tgt Ion:	244	Resp:	566062
Ion Ratio	Lower	Upper	
244	100		
212	6.4	5.9	8.9
122	8.2	9.0	13.4





#81
Benzo(a)anthracene
Concen: 26.666 ng
RT: 14.062 min Scan# 2036
Delta R.T. 0.000 min
Lab File: BF125461.D
Acq: 14 Sep 2021 00:34

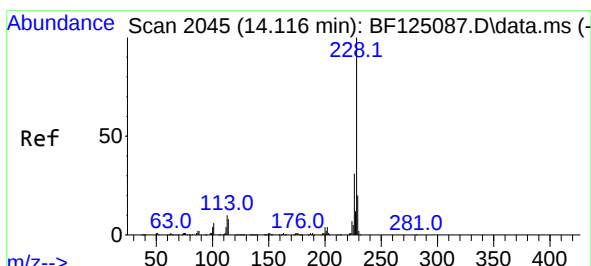
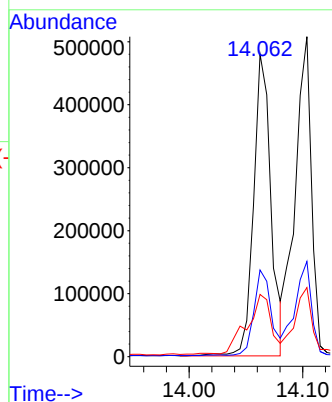
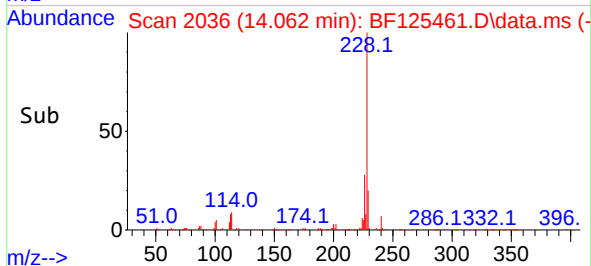
Instrument :
BNA_F
ClientSampled :
327DL



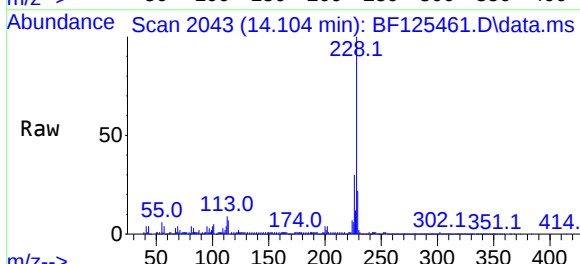
Tgt Ion:228 Resp: 509327
Ion Ratio Lower Upper
228 100
226 28.7 21.6 32.4
229 20.6 15.6 23.4

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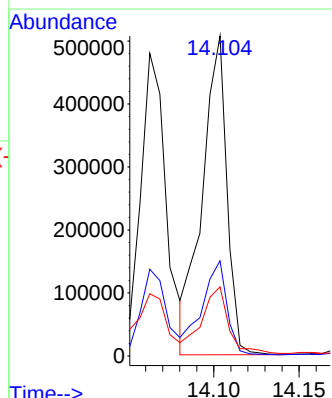
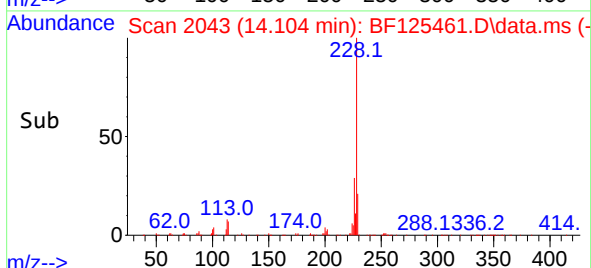
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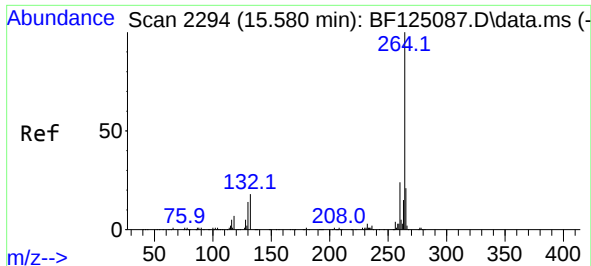


#83
Chrysene
Concen: 26.985 ng
RT: 14.104 min Scan# 2043
Delta R.T. 0.000 min
Lab File: BF125461.D
Acq: 14 Sep 2021 00:34

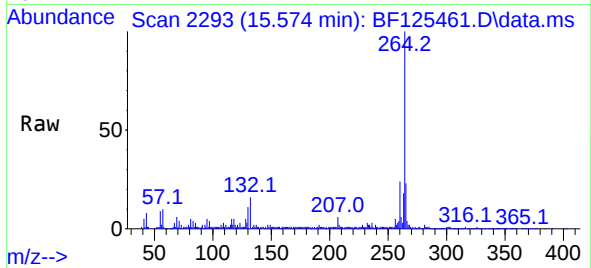


Tgt Ion:228 Resp: 509725
Ion Ratio Lower Upper
228 100
226 29.7 22.6 34.0
229 21.6 15.9 23.9

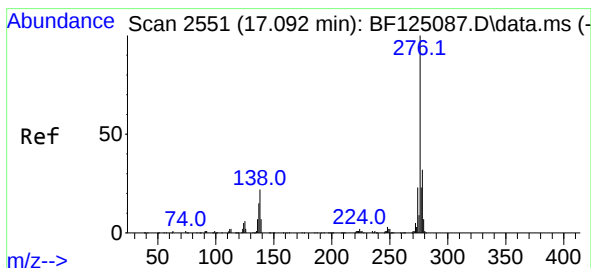
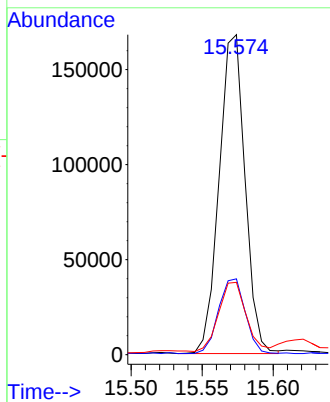
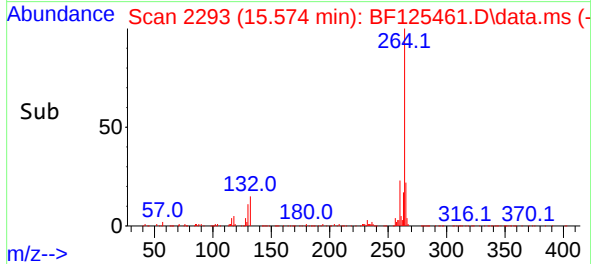




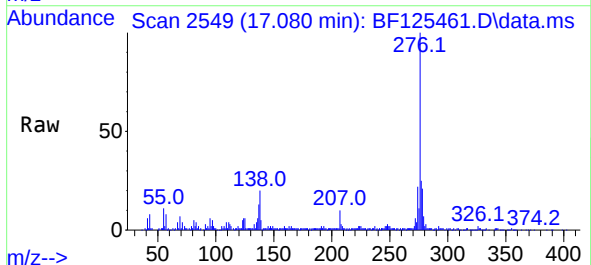
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.574 min Scan# 2293
Delta R.T. 0.006 min
Lab File: BF125461.D
Acq: 14 Sep 2021 00:34



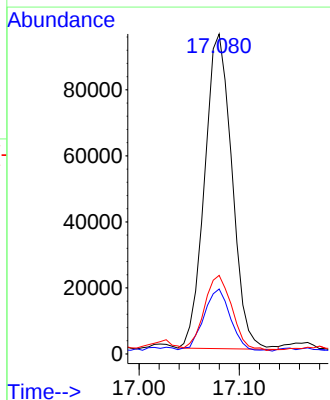
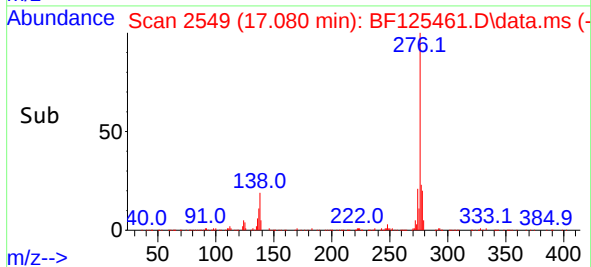
Tgt Ion:264 Resp: 212653
Ion Ratio Lower Upper
264 100
260 23.7 19.6 29.4
265 22.6 17.2 25.8



#87
Indeno(1,2,3-cd)pyrene
Concen: 11.799 ng
RT: 17.080 min Scan# 2549
Delta R.T. -0.006 min
Lab File: BF125461.D
Acq: 14 Sep 2021 00:34



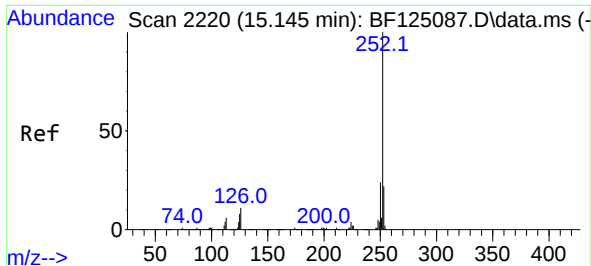
Tgt Ion:276 Resp: 180766
Ion Ratio Lower Upper
276 100
138 19.4 24.1 36.1#
277 23.6 18.8 28.2



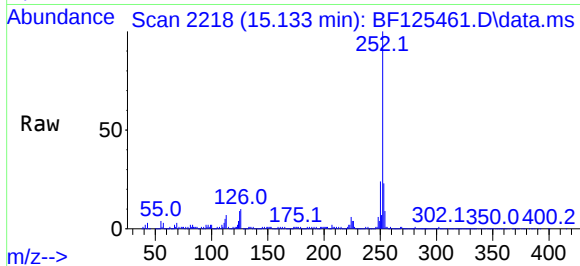
Instrument :
BNA_F
ClientSampleId :
327DL

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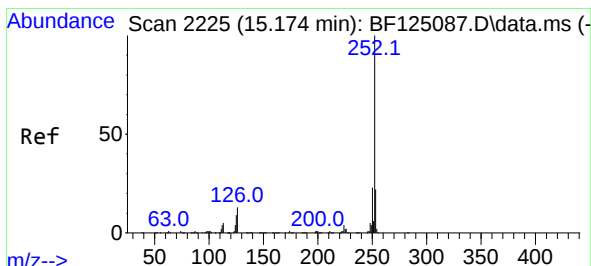
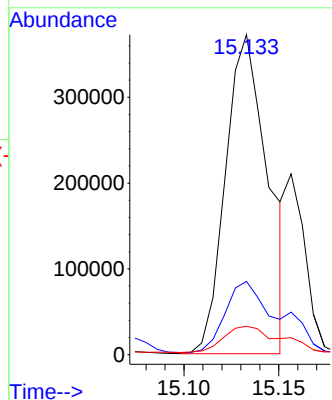
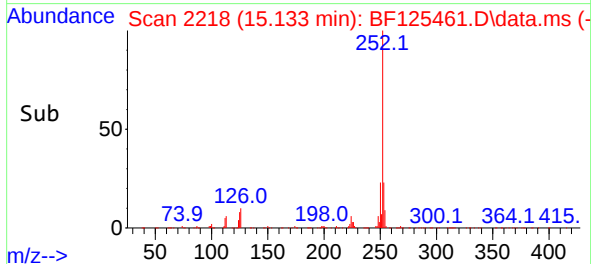
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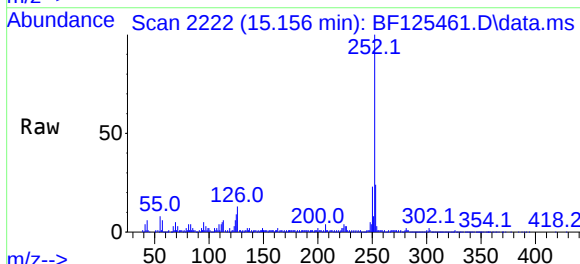
#88
Benzo(b)fluoranthene
Concen: 37.160 ng m
RT: 15.133 min Scan# 2218
Delta R.T. 0.006 min
Lab File: BF125461.D
Acq: 14 Sep 2021 00:34



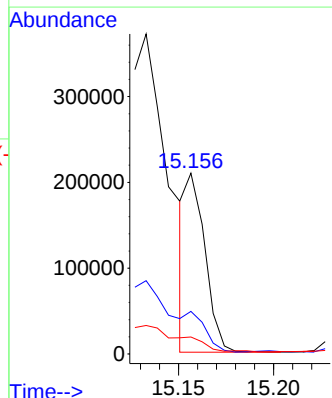
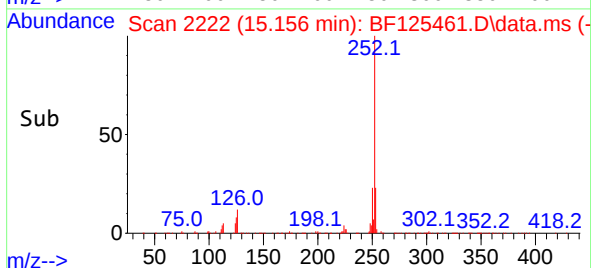
Tgt Ion:252 Resp: 577321
Ion Ratio Lower Upper
252 100
253 22.9 16.8 25.2
125 8.9 9.8 14.8#



#89
Benzo(k)fluoranthene
Concen: 10.069 ng m
RT: 15.156 min Scan# 2222
Delta R.T. -0.006 min
Lab File: BF125461.D
Acq: 14 Sep 2021 00:34



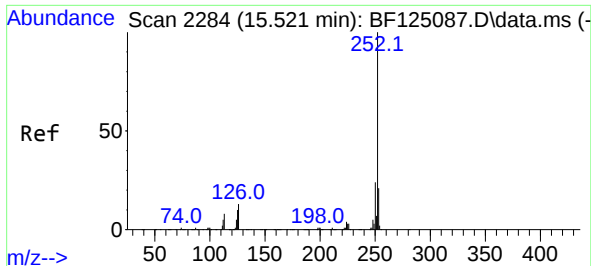
Tgt Ion:252 Resp: 145969
Ion Ratio Lower Upper
252 100
253 23.5 17.8 26.8
125 9.4 7.2 10.8



Instrument :
BNA_F
ClientSampled :
327DL

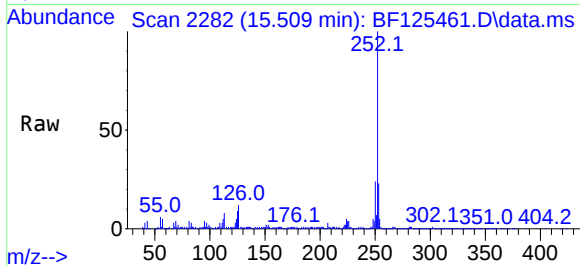
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#90
Benzo(a)pyrene
Concen: 23.564 ng m
RT: 15.509 min Scan# 2282
Delta R.T. 0.000 min
Lab File: BF125461.D
Acq: 14 Sep 2021 00:34

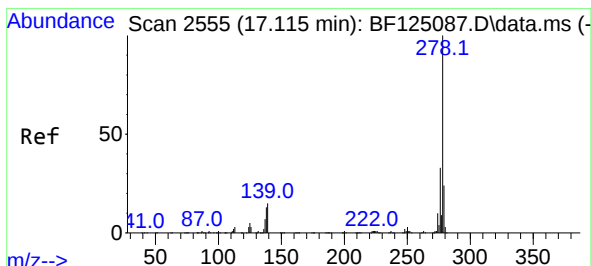
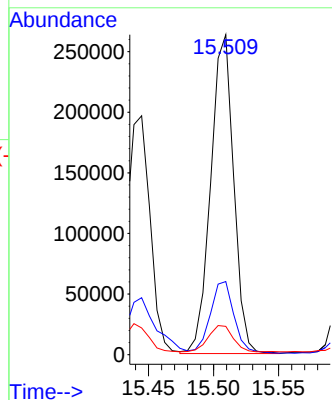
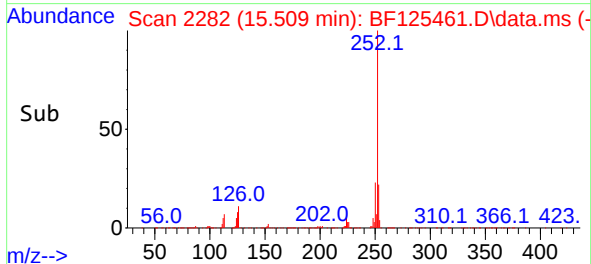
Instrument :
BNA_F
ClientSampled :
327DL



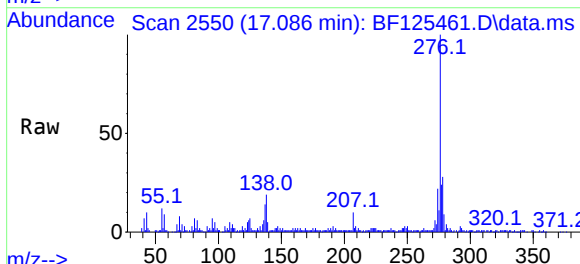
Tgt Ion:252 Resp: 323385
Ion Ratio Lower Upper
252 100
253 22.9 18.4 27.6
125 8.8 9.9 14.9#

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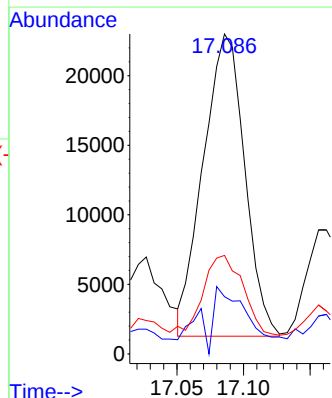
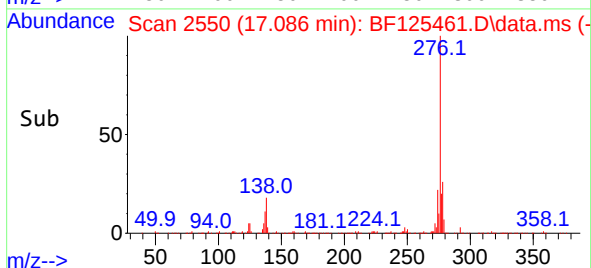
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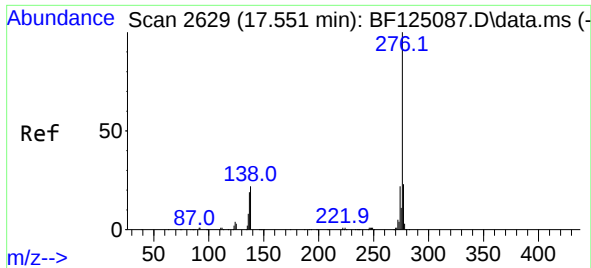


#91
Dibenzo(a,h)anthracene
Concen: 3.560 ng m
RT: 17.086 min Scan# 2550
Delta R.T. -0.018 min
Lab File: BF125461.D
Acq: 14 Sep 2021 00:34



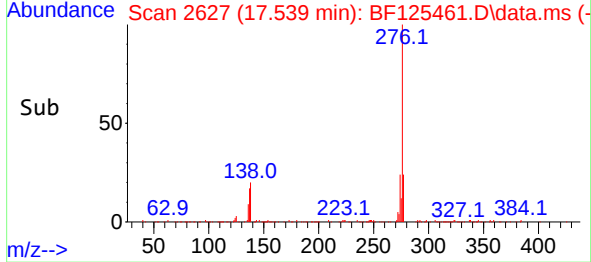
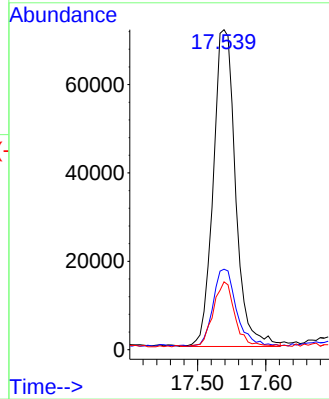
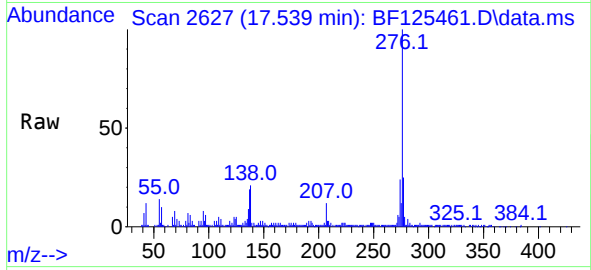
Tgt Ion:278 Resp: 47137
Ion Ratio Lower Upper
278 100
139 17.9 14.9 22.3
279 30.8 19.7 29.5#





#92
Benzo(g,h,i)perylene
Concen: 12.803 ng
RT: 17.539 min Scan# 2627
Delta R.T. -0.006 min
Lab File: BF125461.D
Acq: 14 Sep 2021 00:34

Tgt Ion: 276 Resp: 163474
Ion Ratio Lower Upper
276 100
277 25.1 22.0 33.0
138 21.2 22.2 33.4#



Instrument :
BNA_F
ClientSampleId :
327DL

Manual Integrations
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