

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101321\
 Data File : BF125822.D
 Acq On : 13 Oct 2021 12:39
 Operator : JU/CG
 Sample : M4159-10DL 2X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 T9-COMP-(1-4)DL

Manual Integrations
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Quant Time: Oct 13 13:35:42 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	228252	20.00	ng	0.00
21) Naphthalene-d8	8.122	136	920312	20.00	ng	# 0.00
39) Acenaphthene-d10	9.874	164	460222	20.00	ng	0.00
64) Phenanthrene-d10	11.363	188	687980	20.00	ng	0.00
76) Chrysene-d12	13.998	240	437540	20.00	ng	0.00
86) Perylene-d12	15.451	264	475539	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	580452	41.54	ng	-0.01
7) Phenol-d6	6.463	99	747870	41.58	ng	-0.01
23) Nitrobenzene-d5	7.398	82	439123	29.66	ng	-0.01
42) 2,4,6-Tribromophenol	10.657	330	132197	29.09	ng	-0.01
45) 2-Fluorobiphenyl	9.198	172	910330	34.12	ng	0.00
79) Terphenyl-d14	12.939	244	660457	22.99	ng	0.00
Target Compounds						Qvalue
52) Acenaphthene	9.910	154	67603	2.69	ng	98
58) Fluorene	10.422	166	75887	2.75	ng	99
71) Phenanthrene	11.386	178	1248611	33.92	ng	98
72) Anthracene	11.433	178	179301	4.88	ng	99
75) Fluoranthene	12.574	202	1068807	32.18	ng	98
78) Pyrene	12.798	202	980373	22.06	ng	97
81) Benzo(a)anthracene	13.986	228	393748	13.87	ng	99
83) Chrysene	14.021	228	409586	14.60	ng	98
87) Indeno(1,2,3-cd)pyrene	16.892	276	127211	3.50	ng	95
88) Benzo(b)fluoranthene	15.027	252	434309m	16.18	ng	
89) Benzo(k)fluoranthene	15.051	252	125090m	4.54	ng	
90) Benzo(a)pyrene	15.386	252	312532	13.15	ng	98
92) Benzo(g,h,i)perylene	17.327	276	109004	3.57	ng	93

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

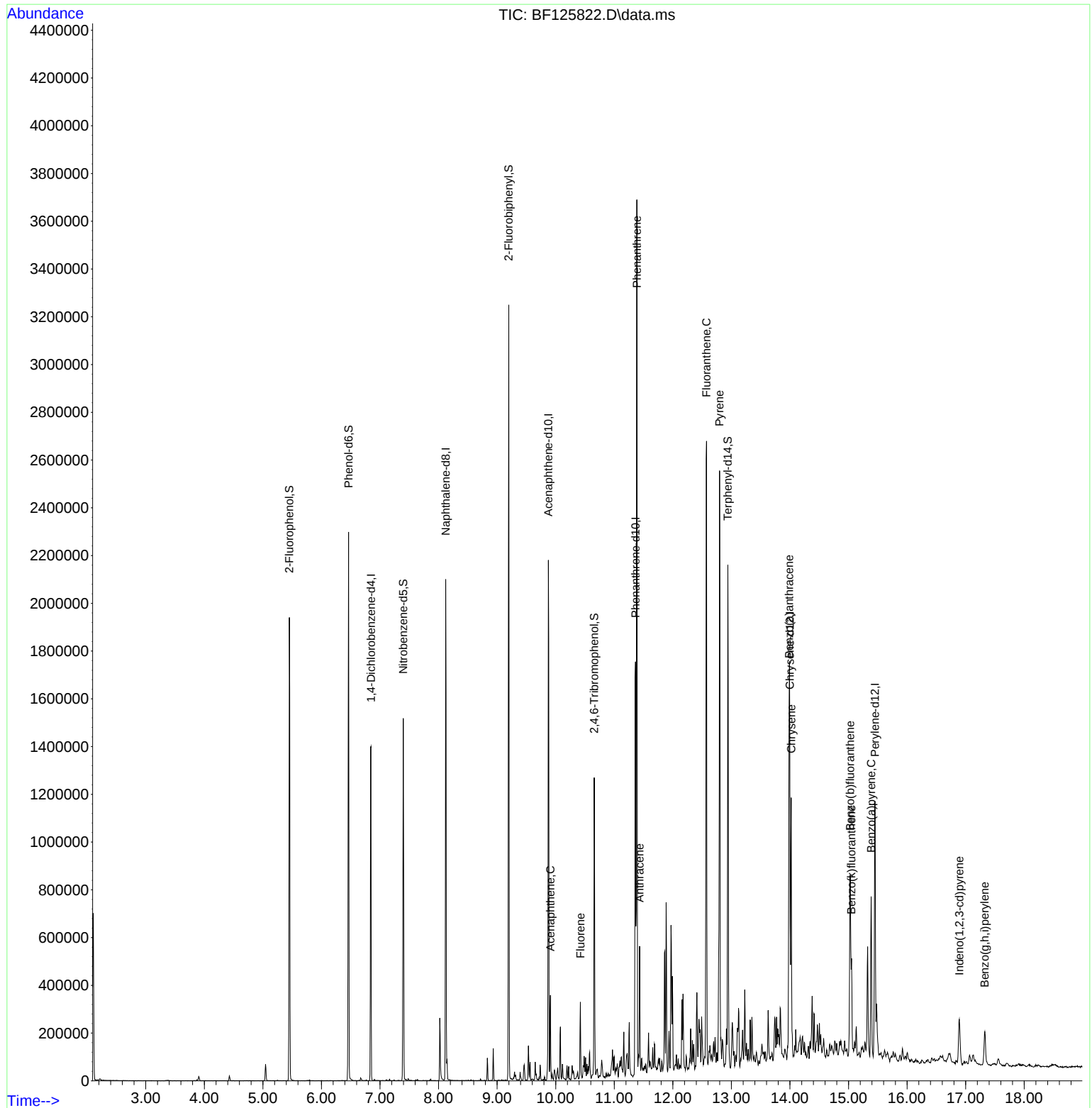
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Data File : BF125822.D
Acq On : 13 Oct 2021 12:39
Operator : JU/CG
Sample : M4159-10DL 2X
Misc :
ALS Vial : 7 Sample Multiplier: 1

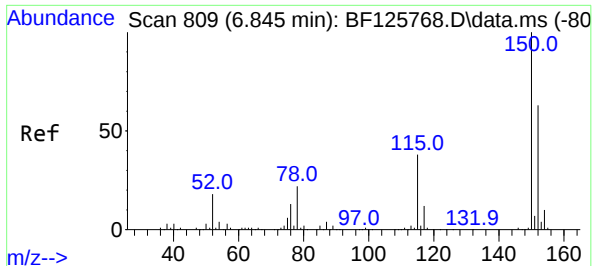
Instrument :
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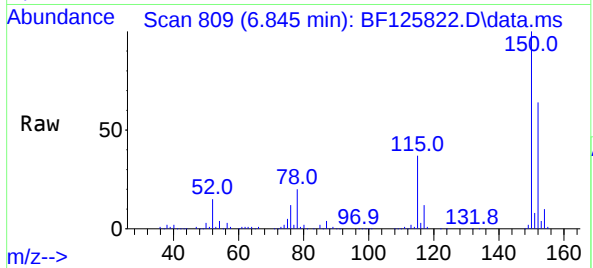
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Quant Time: Oct 13 13:35:42 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF100721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 13 13:23:32 2021
Response via : Initial Calibration

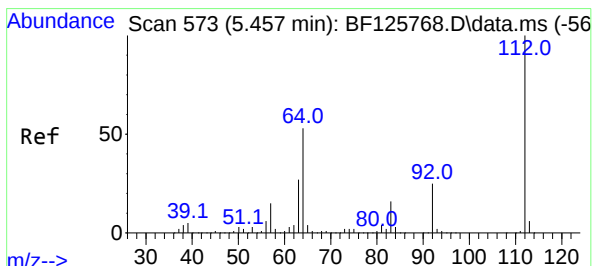
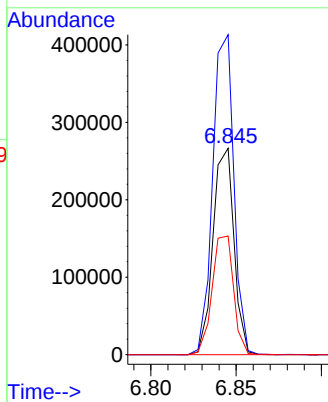
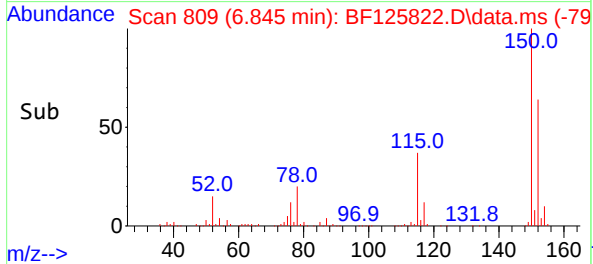




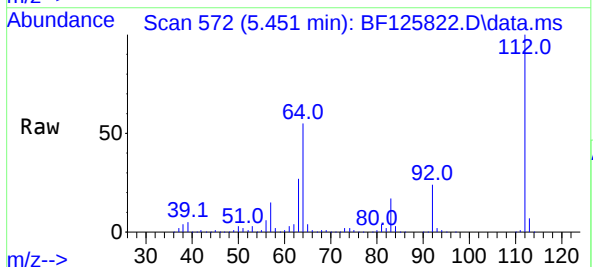
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.845 min Scan# 809
Delta R.T. 0.000 min
Lab File: BF125822.D
Acq: 13 Oct 2021 12:39



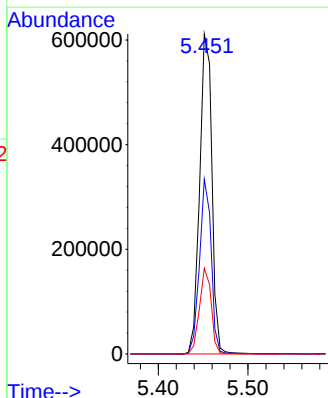
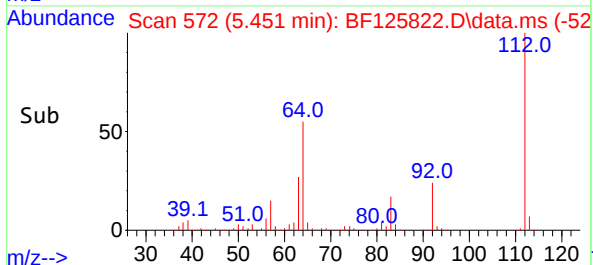
Tgt Ion:152 Resp: 228252
Ion Ratio Lower Upper
152 100
150 155.1 117.6 176.4
115 57.5 47.1 70.7



#5
2-Fluorophenol
Concen: 41.54 ng
RT: 5.451 min Scan# 572
Delta R.T. -0.012 min
Lab File: BF125822.D
Acq: 13 Oct 2021 12:39



Tgt Ion:112 Resp: 580452
Ion Ratio Lower Upper
112 100
64 54.6 44.2 66.2
63 26.8 26.2 39.2



Instrument :
BNA_F
ClientSampleId :
T9-COMP-(1-4)DL

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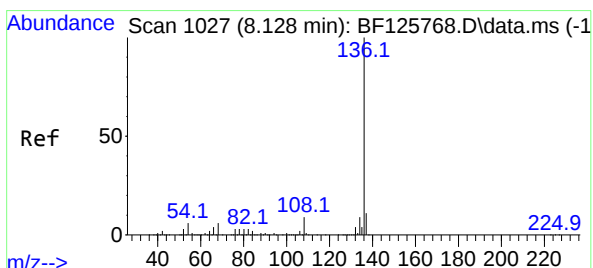
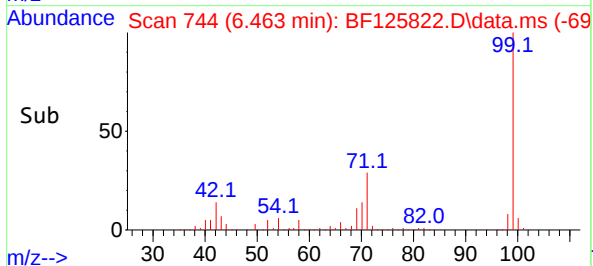
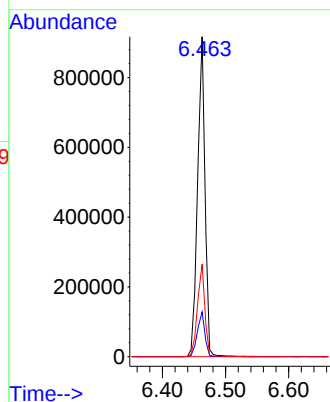
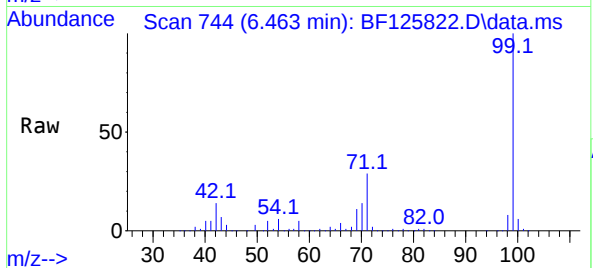
#7
Phenol-d6
Concen: 41.58 ng
RT: 6.463 min Scan# 744
Delta R.T. -0.012 min
Lab File: BF125822.D
Acq: 13 Oct 2021 12:39

Tgt Ion: 99 Resp: 747870
Ion Ratio Lower Upper
99 100
42 14.0 23.5 35.3#
71 28.9 25.6 38.4

Instrument :
BNA_F
ClientSampleId :
T9-COMP-(1-4)DL

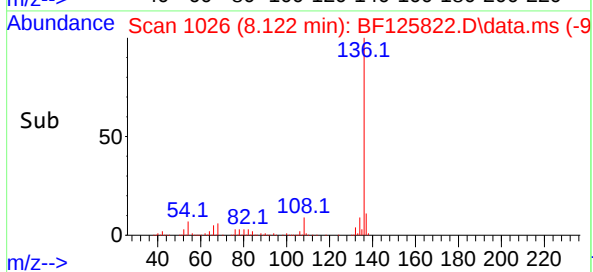
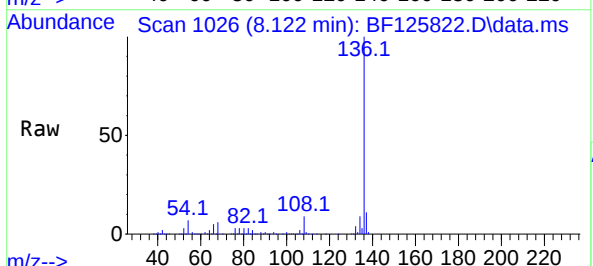
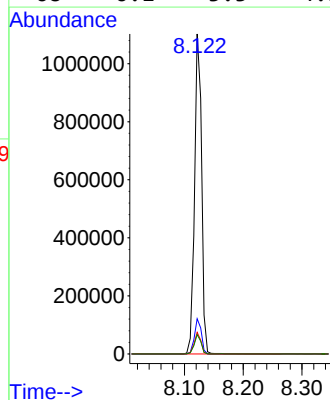
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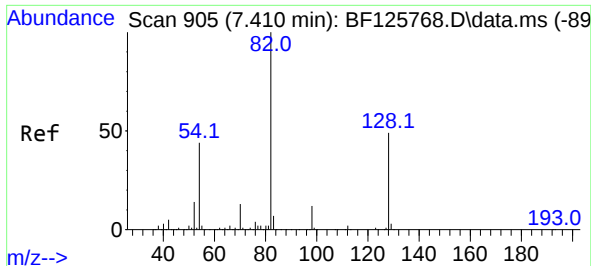
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#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.122 min Scan# 1026
Delta R.T. -0.006 min
Lab File: BF125822.D
Acq: 13 Oct 2021 12:39

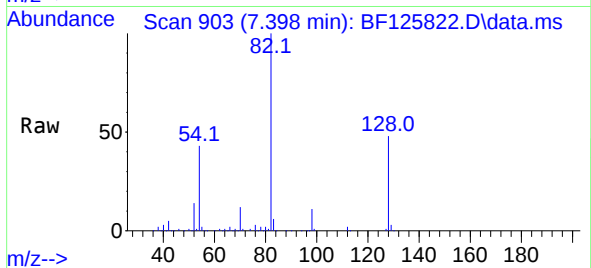
Tgt Ion: 136 Resp: 920312
Ion Ratio Lower Upper
136 100
137 11.0 9.8 14.6
54 6.7 6.4 9.6
68 6.1 3.3 4.9#





#23
Nitrobenzene-d5
Concen: 29.66 ng
RT: 7.398 min Scan# 903
Delta R.T. -0.012 min
Lab File: BF125822.D
Acq: 13 Oct 2021 12:39

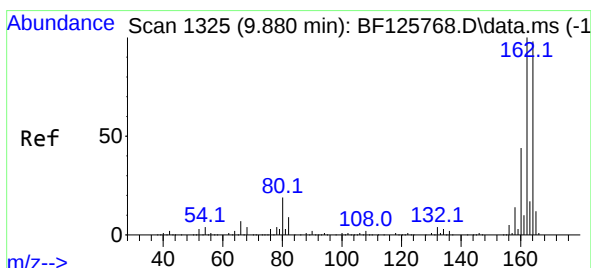
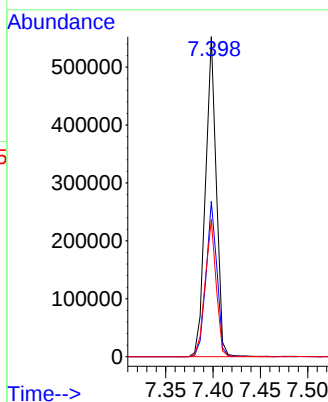
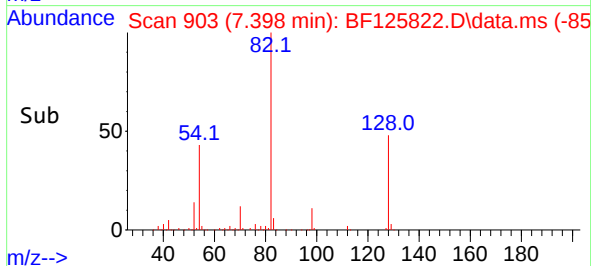
Instrument :
BNA_F
ClientSampleId :
T9-COMP-(1-4)DL



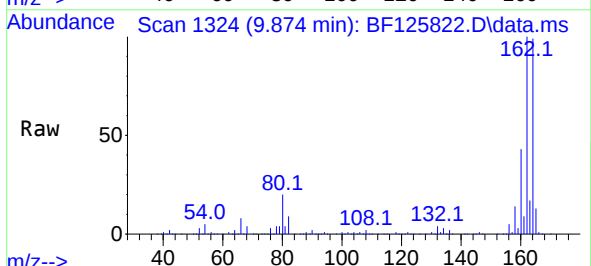
Tgt Ion: 82 Resp: 439123
Ion Ratio Lower Upper
82 100
128 48.5 40.6 60.8
54 42.8 49.6 74.4#

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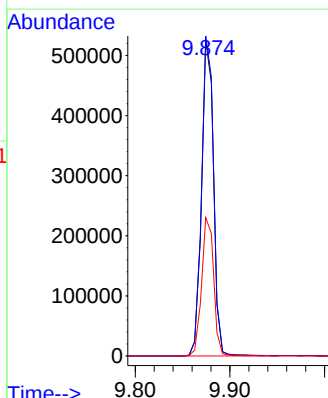
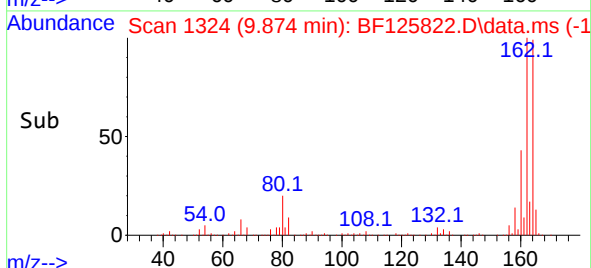
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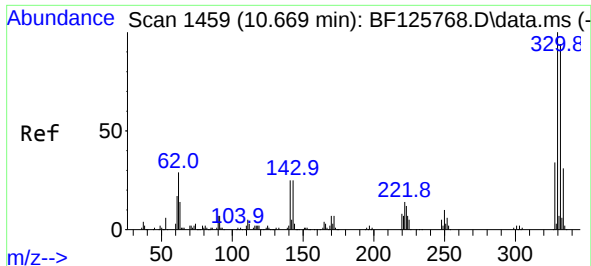


#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.874 min Scan# 1324
Delta R.T. -0.006 min
Lab File: BF125822.D
Acq: 13 Oct 2021 12:39

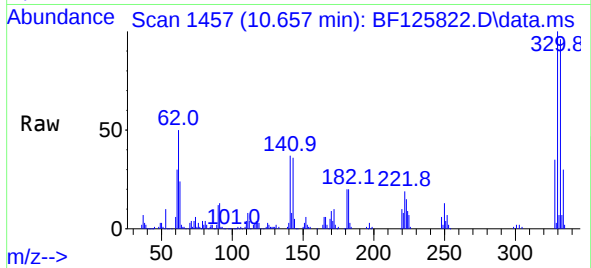


Tgt Ion: 164 Resp: 460222
Ion Ratio Lower Upper
164 100
162 101.5 81.3 121.9
160 43.9 38.0 57.0

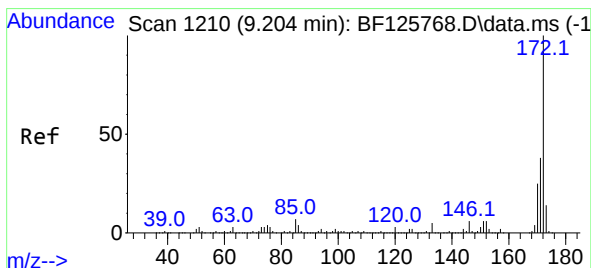
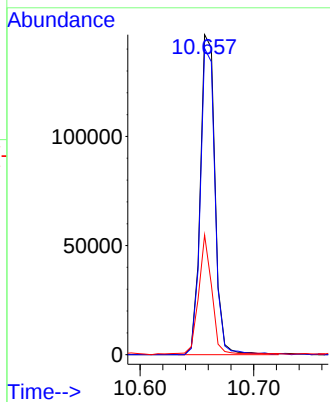
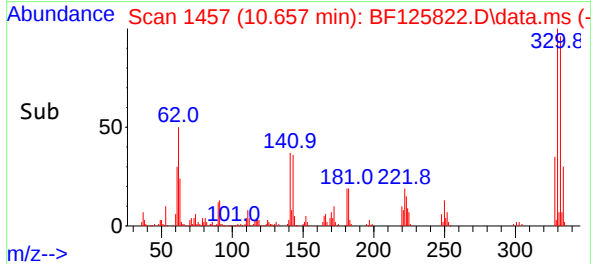




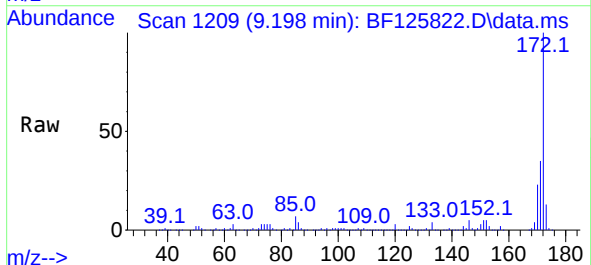
#42
2,4,6-Tribromophenol
Concen: 29.09 ng
RT: 10.657 min Scan# 1457
Delta R.T. -0.012 min
Lab File: BF125822.D
Acq: 13 Oct 2021 12:39



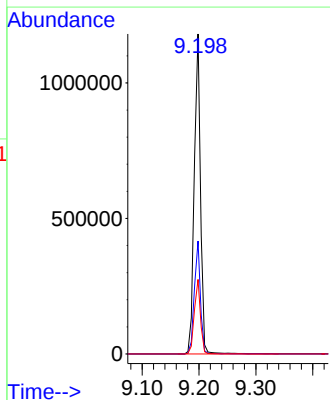
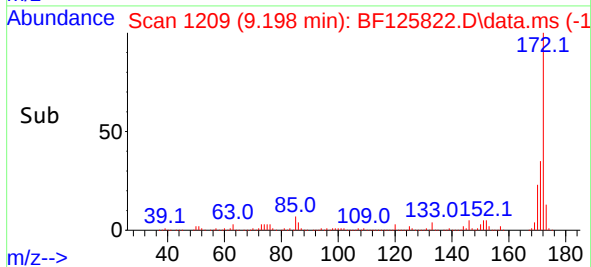
Tgt Ion: 330 Resp: 132197
Ion Ratio Lower Upper
330 100
332 95.6 76.2 114.4
141 33.9 44.6 66.8#



#45
2-Fluorobiphenyl
Concen: 34.12 ng
RT: 9.198 min Scan# 1209
Delta R.T. -0.006 min
Lab File: BF125822.D
Acq: 13 Oct 2021 12:39



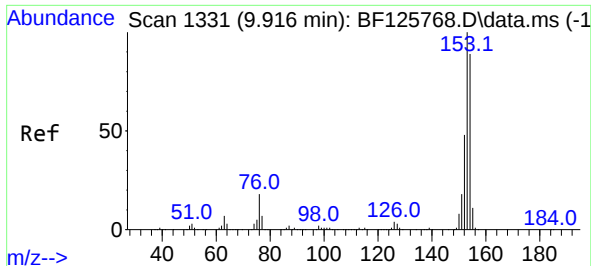
Tgt Ion: 172 Resp: 910330
Ion Ratio Lower Upper
172 100
171 35.3 26.5 39.7
170 23.3 18.8 28.2



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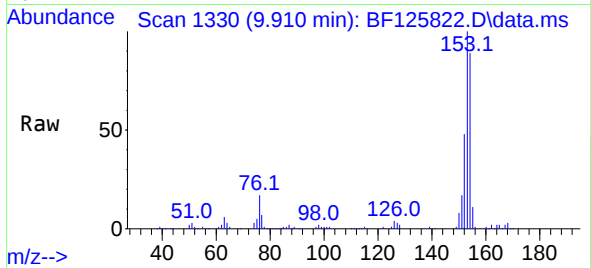
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#52
Acenaphthene
Concen: 2.69 ng
RT: 9.910 min Scan# 1330
Delta R.T. -0.006 min
Lab File: BF125822.D
Acq: 13 Oct 2021 12:39

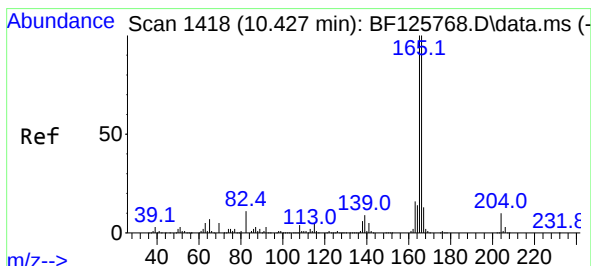
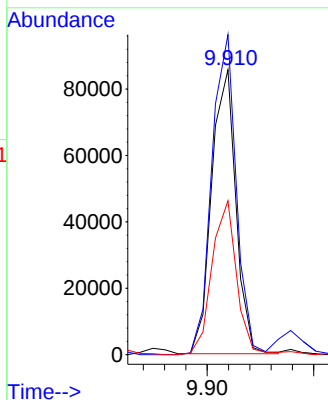
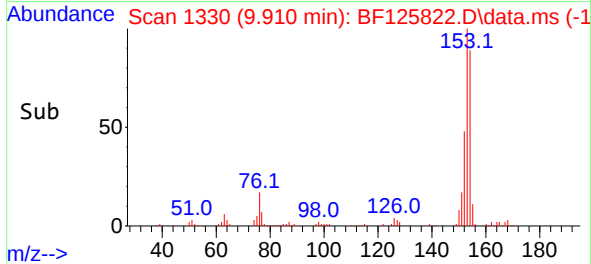
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ClientSampleId :
T9-COMP-(1-4)DL



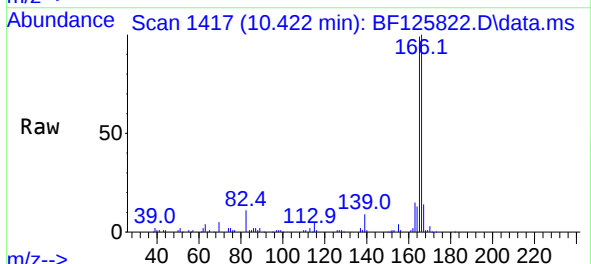
Tgt Ion:154 Resp: 67603
Ion Ratio Lower Upper
154 100
153 112.3 89.4 134.2
152 54.0 40.5 60.7

Manual Integrations
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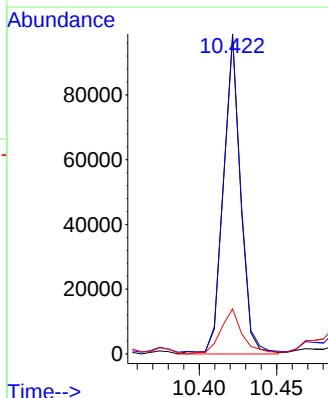
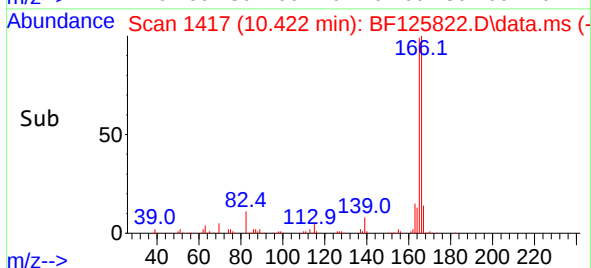
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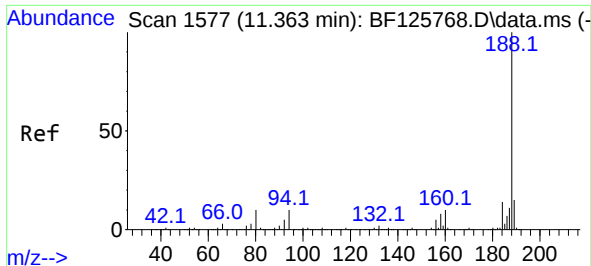


#58
Fluorene
Concen: 2.75 ng
RT: 10.422 min Scan# 1417
Delta R.T. -0.006 min
Lab File: BF125822.D
Acq: 13 Oct 2021 12:39

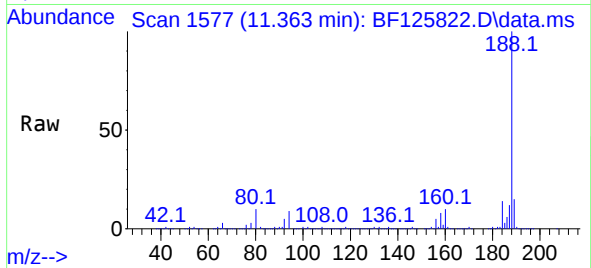


Tgt Ion:166 Resp: 75887
Ion Ratio Lower Upper
166 100
165 99.0 78.1 117.1
167 14.1 11.1 16.7

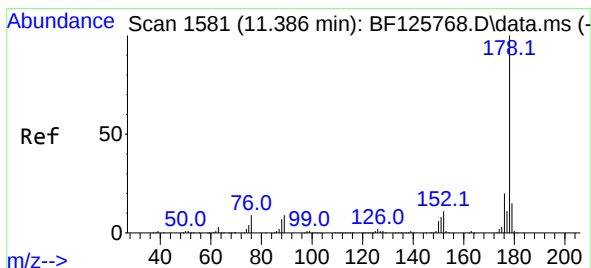
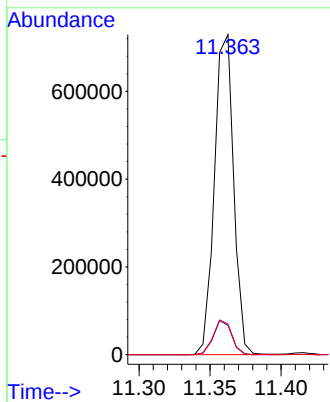
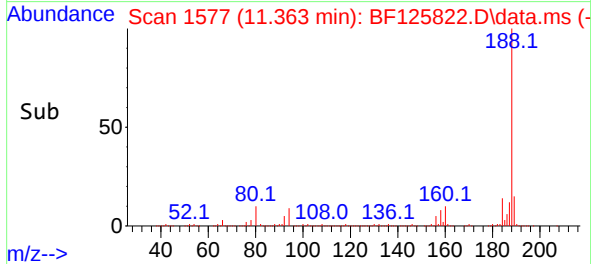




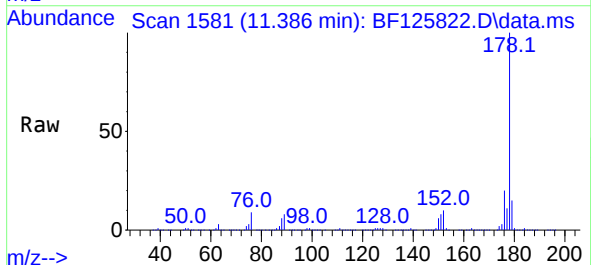
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Phenanthrene-d10
Concen: 20.00 ng
RT: 11.363 min Scan# 1577
Delta R.T. -0.000 min
Lab File: BF125822.D
Acq: 13 Oct 2021 12:39



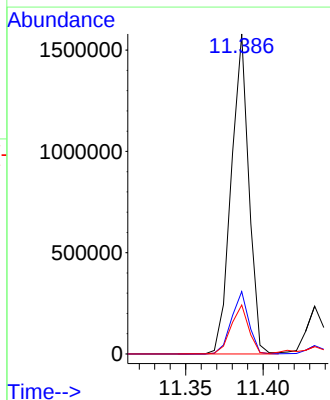
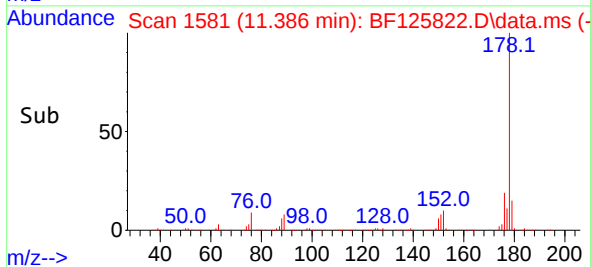
Tgt Ion:188 Resp: 687980
Ion Ratio Lower Upper
188 100
94 9.2 6.7 10.1
80 9.6 7.5 11.3



#71
Phenanthrene
Concen: 33.92 ng
RT: 11.386 min Scan# 1581
Delta R.T. -0.006 min
Lab File: BF125822.D
Acq: 13 Oct 2021 12:39



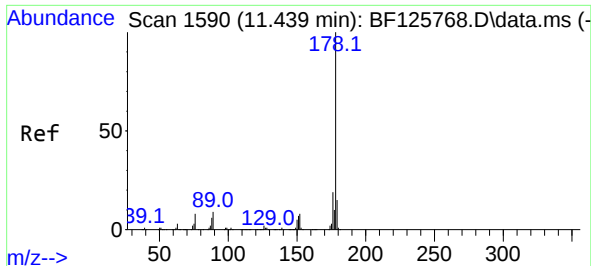
Tgt Ion:178 Resp: 1248611
Ion Ratio Lower Upper
178 100
176 19.5 14.7 22.1
179 15.3 11.5 17.3



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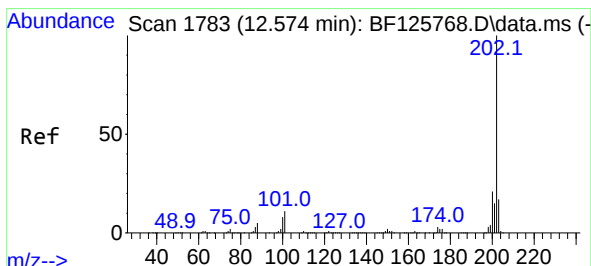
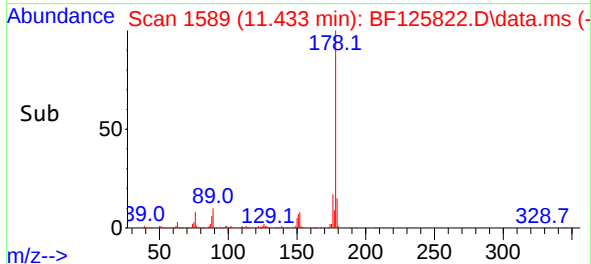
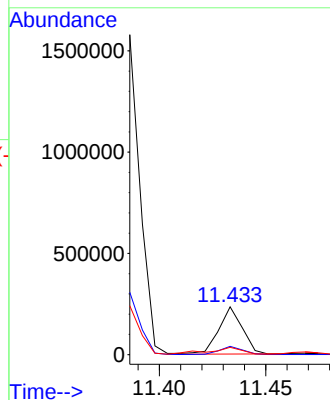
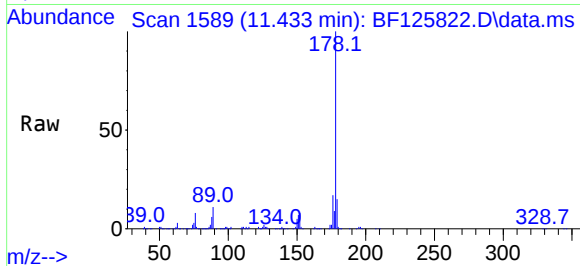
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 Anthracene
 Concen: 4.88 ng
 RT: 11.433 min Scan# 1589
 Delta R.T. -0.006 min
 Lab File: BF125822.D
 Acq: 13 Oct 2021 12:39

Tgt Ion:	178	Resp:	179301
Ion Ratio	Lower	Upper	
178	100		
176	17.4	14.3	21.5
179	15.3	12.2	18.4

Instrument :
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 T9-COMP-(1-4)DL

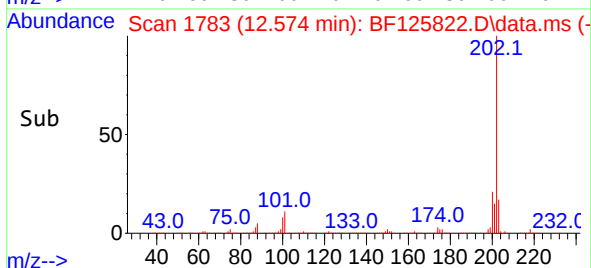
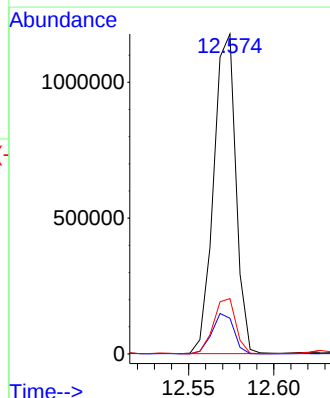
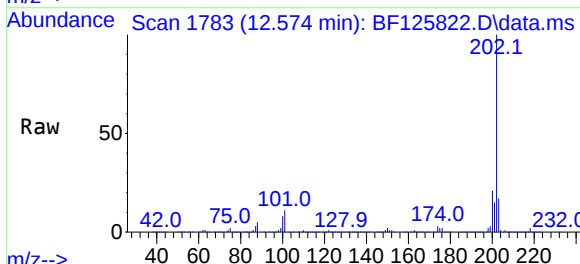
Manual Integrations
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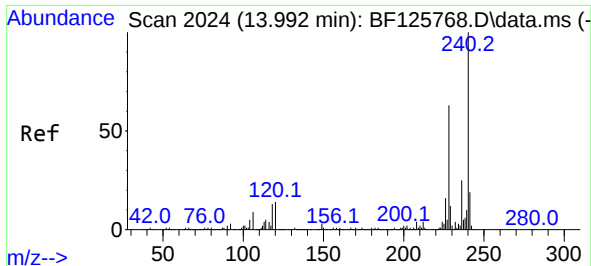
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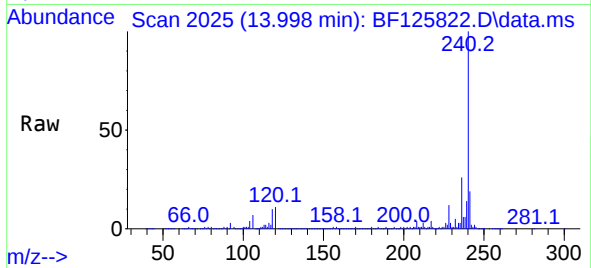
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 Fluoranthene
 Concen: 32.18 ng
 RT: 12.574 min Scan# 1783
 Delta R.T. -0.000 min
 Lab File: BF125822.D
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Tgt Ion:	202	Resp:	1068807
Ion Ratio	Lower	Upper	
202	100		
101	11.1	0.0	30.7
203	17.3	0.0	36.3





#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.998 min Scan# 2025
Delta R.T. -0.000 min
Lab File: BF125822.D
Acq: 13 Oct 2021 12:39

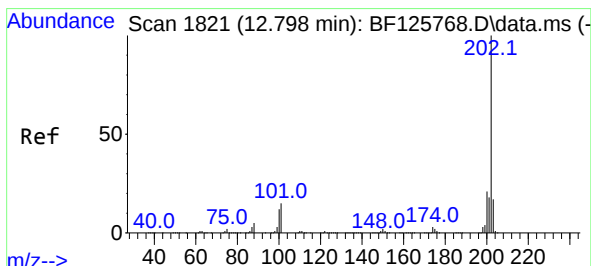
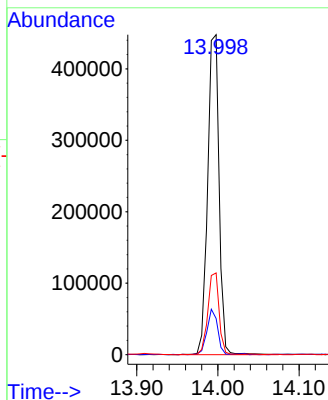
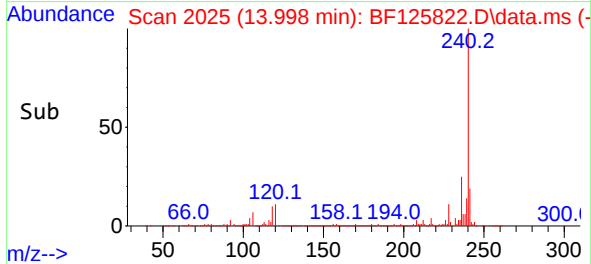


Tgt Ion:240 Resp: 437540
Ion Ratio Lower Upper
240 100
120 11.3 10.8 16.2
236 25.6 21.6 32.4

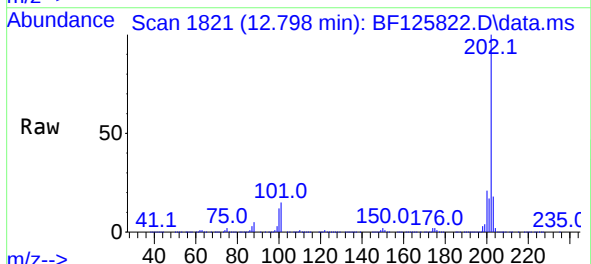
Instrument :
BNA_F
ClientSampleId :
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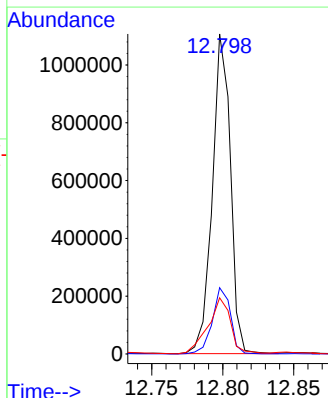
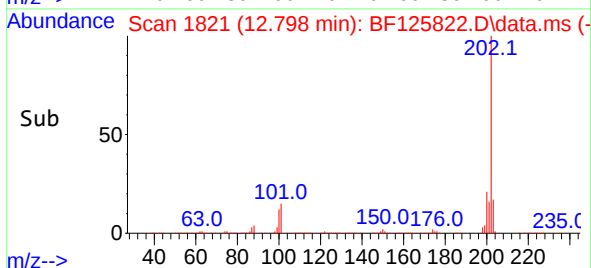
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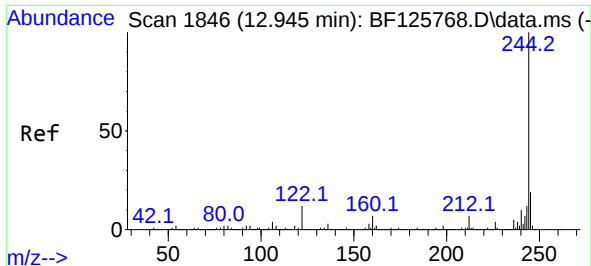


#78
Pyrene
Concen: 22.06 ng
RT: 12.798 min Scan# 1821
Delta R.T. -0.006 min
Lab File: BF125822.D
Acq: 13 Oct 2021 12:39



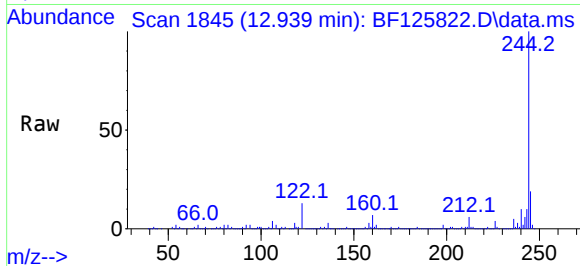
Tgt Ion:202 Resp: 980373
Ion Ratio Lower Upper
202 100
200 20.7 15.3 22.9
203 17.5 13.4 20.0





#79
Terphenyl-d14
Concen: 22.99 ng
RT: 12.939 min Scan# 1845
Delta R.T. -0.006 min
Lab File: BF125822.D
Acq: 13 Oct 2021 12:39

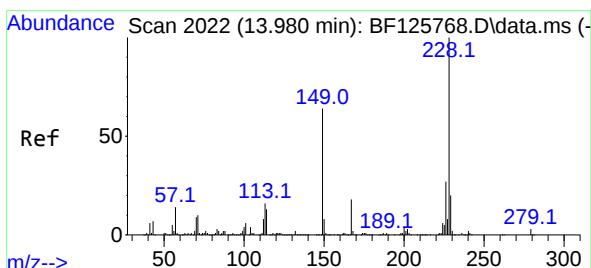
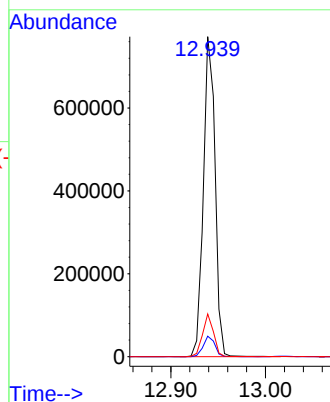
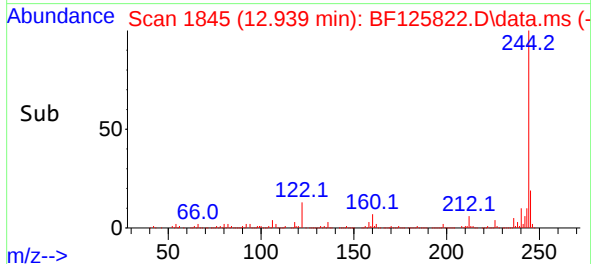
Instrument :
BNA_F
ClientSampleId :
T9-COMP-(1-4)DL



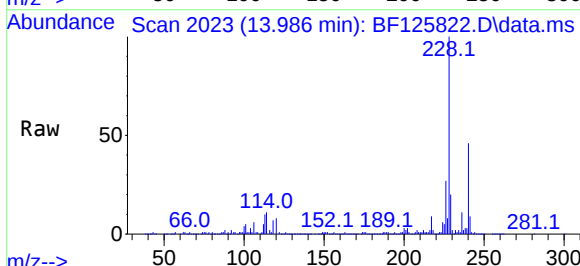
Tgt Ion:244 Resp: 660457
Ion Ratio Lower Upper
244 100
212 6.4 5.9 8.9
122 13.3 9.0 13.4

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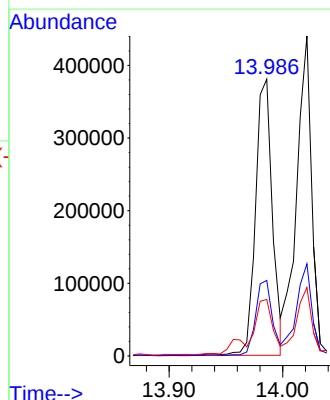
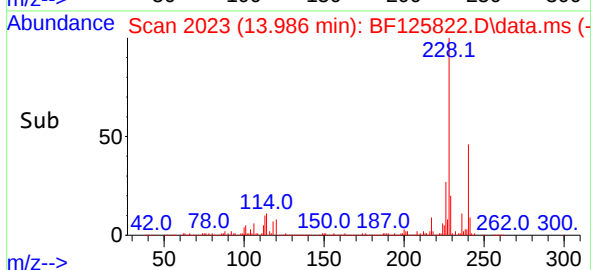
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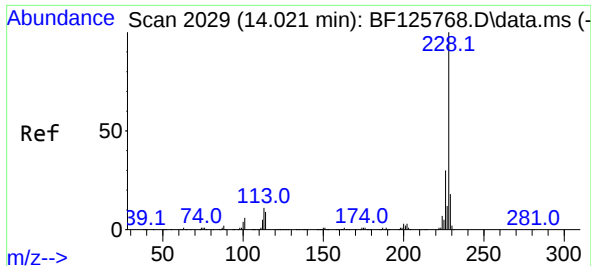


#81
Benzo(a)anthracene
Concen: 13.87 ng
RT: 13.986 min Scan# 2023
Delta R.T. -0.000 min
Lab File: BF125822.D
Acq: 13 Oct 2021 12:39

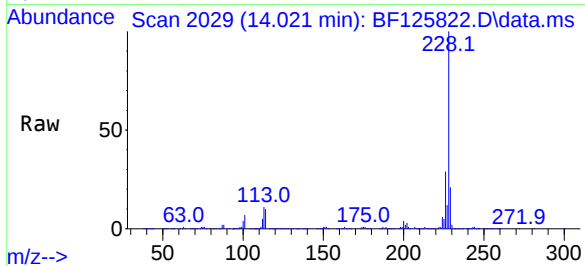


Tgt Ion:228 Resp: 393748
Ion Ratio Lower Upper
228 100
226 27.3 21.6 32.4
229 20.4 15.6 23.4

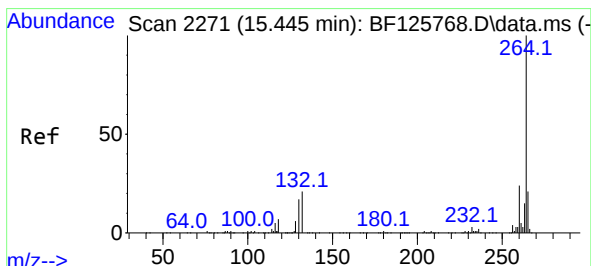
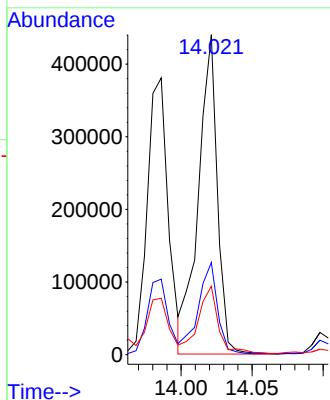
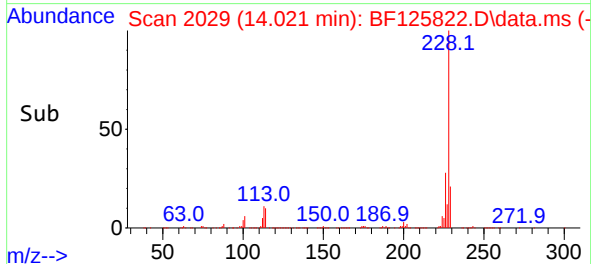




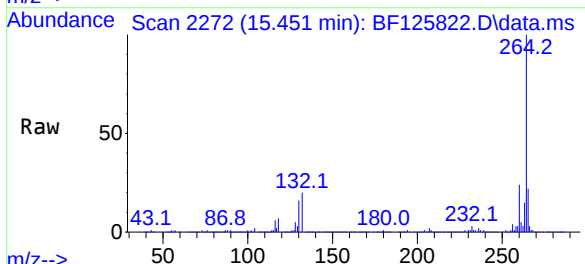
#83
Chrysene
Concen: 14.60 ng
RT: 14.021 min Scan# 2029
Delta R.T. -0.006 min
Lab File: BF125822.D
Acq: 13 Oct 2021 12:39



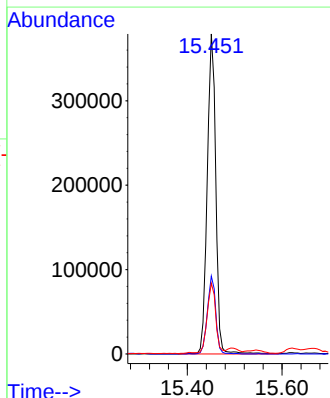
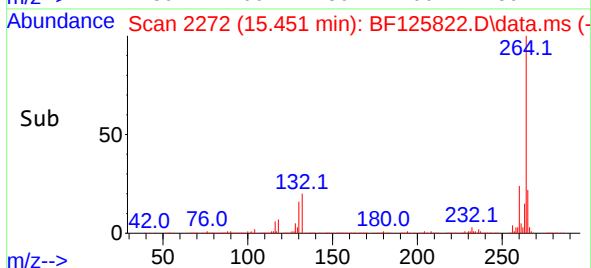
Tgt Ion:228 Resp: 409586
Ion Ratio Lower Upper
228 100
226 28.8 22.6 34.0
229 21.4 15.9 23.9



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.451 min Scan# 2272
Delta R.T. -0.000 min
Lab File: BF125822.D
Acq: 13 Oct 2021 12:39



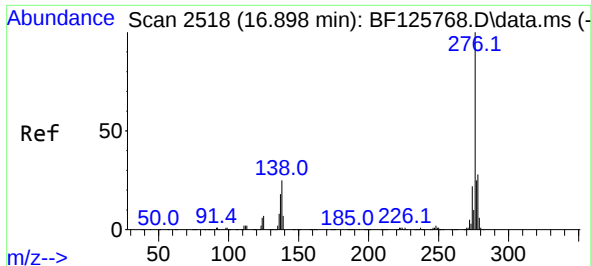
Tgt Ion:264 Resp: 475539
Ion Ratio Lower Upper
264 100
260 24.3 19.6 29.4
265 22.1 17.2 25.8



Instrument :
BNA_F
ClientSampleId :
T9-COMP-(1-4)DL

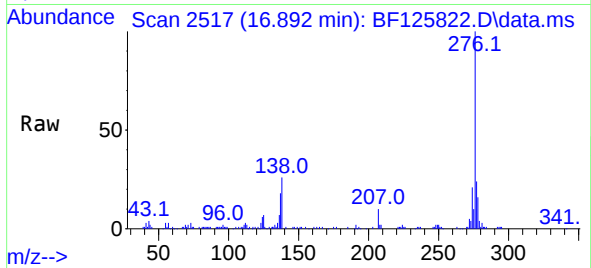
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#87
Indeno(1,2,3-cd)pyrene
Concen: 3.50 ng
RT: 16.892 min Scan# 2517
Delta R.T. -0.018 min
Lab File: BF125822.D
Acq: 13 Oct 2021 12:39

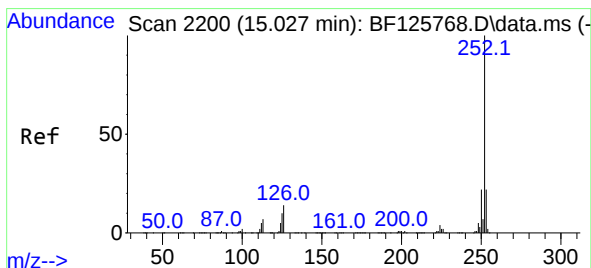
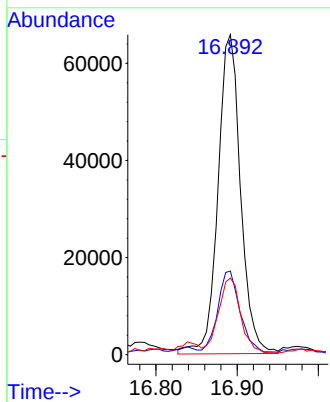
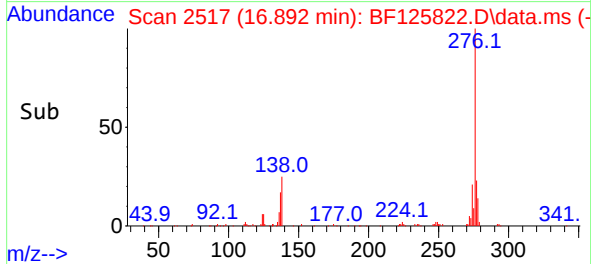
Instrument :
BNA_F
ClientSampleId :
T9-COMP-(1-4)DL



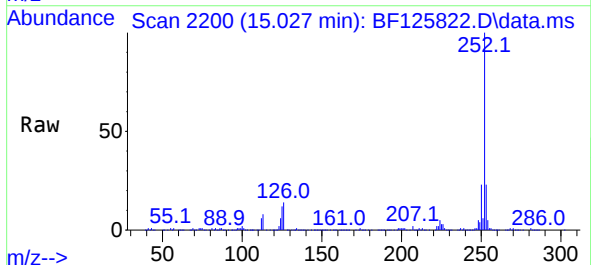
Tgt Ion:276 Resp: 127211
Ion Ratio Lower Upper
276 100
138 25.3 24.1 36.1
277 22.9 18.8 28.2

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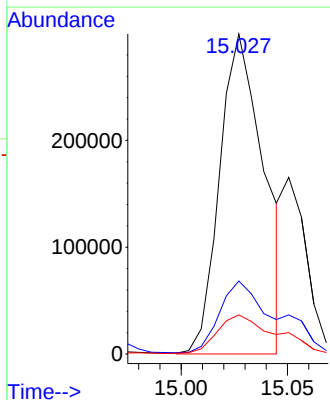
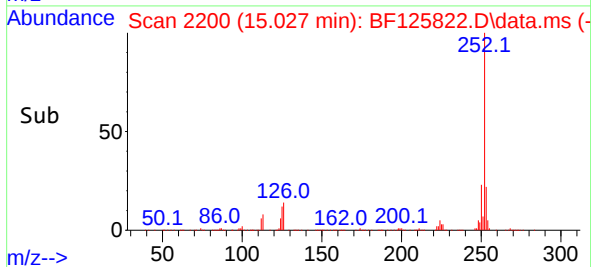
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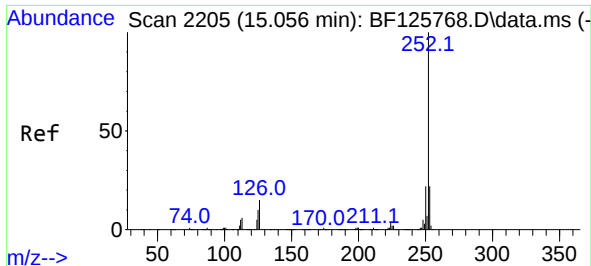


#88
Benzo(b)fluoranthene
Concen: 16.18 ng m
RT: 15.027 min Scan# 2200
Delta R.T. -0.000 min
Lab File: BF125822.D
Acq: 13 Oct 2021 12:39



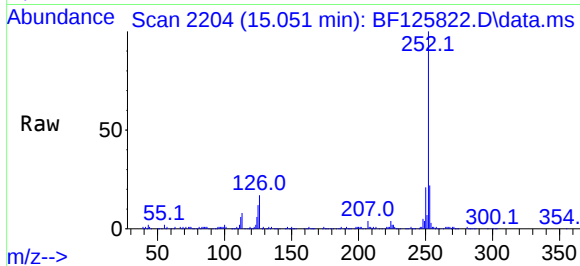
Tgt Ion:252 Resp: 434309
Ion Ratio Lower Upper
252 100
253 22.8 16.8 25.2
125 12.2 9.8 14.8





#89
Benzo(k)fluoranthene
Concen: 4.54 ng m
RT: 15.051 min Scan# 2204
Delta R.T. -0.012 min
Lab File: BF125822.D
Acq: 13 Oct 2021 12:39

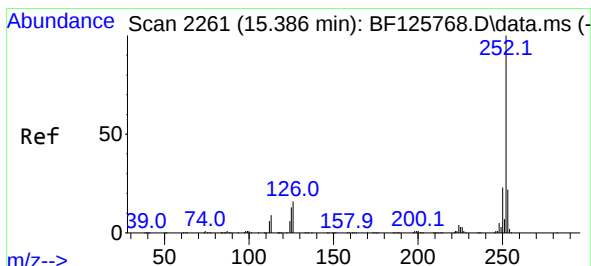
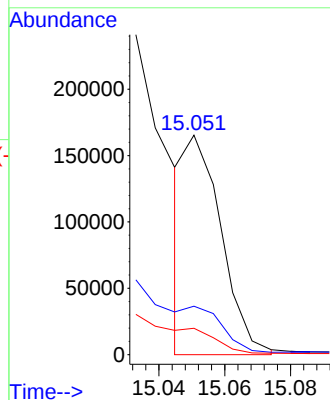
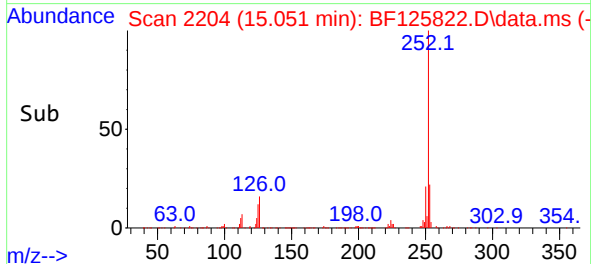
Instrument :
BNA_F
ClientSampleId :
T9-COMP-(1-4)DL



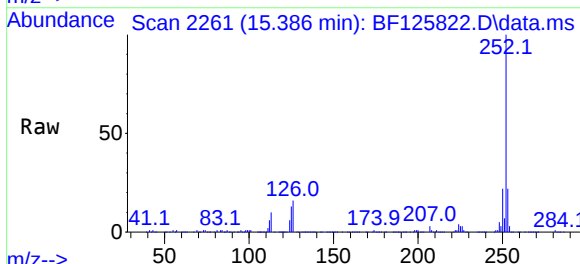
Tgt Ion:252 Resp: 125090
Ion Ratio Lower Upper
252 100
253 22.1 17.8 26.8
125 12.0 7.2 10.8#

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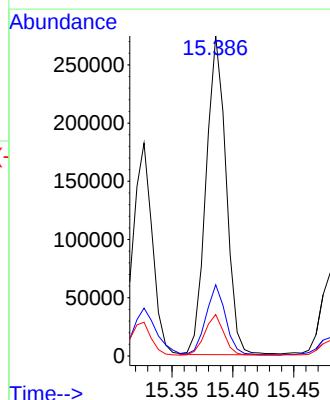
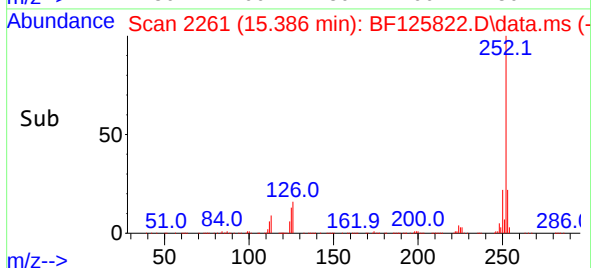
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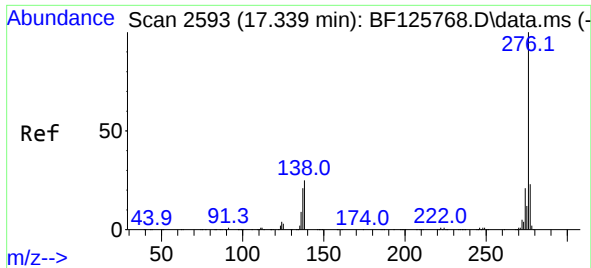


#90
Benzo(a)pyrene
Concen: 13.15 ng
RT: 15.386 min Scan# 2261
Delta R.T. -0.006 min
Lab File: BF125822.D
Acq: 13 Oct 2021 12:39



Tgt Ion:252 Resp: 312532
Ion Ratio Lower Upper
252 100
253 22.2 18.4 27.6
125 13.0 9.9 14.9





#92
Benzo(g,h,i)perylene
Concen: 3.57 ng
RT: 17.327 min Scan# 2591
Delta R.T. -0.024 min
Lab File: BF125822.D
Acq: 13 Oct 2021 12:39

Tgt Ion:	276	Resp:	109004
Ion	Ratio	Lower	Upper
276	100		
277	22.8	22.0	33.0
138	24.9	22.2	33.4

Instrument :
BNA_F
ClientSampleId :
T9-COMP-(1-4)DL

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