

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101521\
 Data File : BF125865.D
 Acq On : 15 Oct 2021 16:26
 Operator : JU/CG
 Sample : M4242-21
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 T2-COMP-(1-4)

Manual Integrations
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Quant Time: Oct 18 08:55:53 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF100721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 15 15:00:46 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.833	152	188127	20.00	ng	0.00
21) Naphthalene-d8	8.116	136	731670	20.00	ng	# 0.00
39) Acenaphthene-d10	9.863	164	337403	20.00	ng	0.00
64) Phenanthrene-d10	11.357	188	412810	20.00	ng	# 0.00
76) Chrysene-d12	13.992	240	400659	20.00	ng	0.00
86) Perylene-d12	15.439	264	428018	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.457	112	1138272	98.84	ng	0.00
7) Phenol-d6	6.463	99	1420389	95.81	ng	0.00
23) Nitrobenzene-d5	7.392	82	856976	72.81	ng	0.00
42) 2,4,6-Tribromophenol	10.657	330	272598	81.83	ng	0.00
45) 2-Fluorobiphenyl	9.186	172	1589886	81.28	ng	0.00
79) Terphenyl-d14	12.945	244	1194109	45.40	ng	0.01
Target Compounds						Qvalue
71) Phenanthrene	11.380	178	86308	3.91	ng	# 69
75) Fluoranthene	12.574	202	145371	7.29	ng	85
78) Pyrene	12.804	202	150958	3.71	ng	# 86
81) Benzo(a)anthracene	13.980	228	94510	3.64	ng	# 93
83) Chrysene	14.015	228	90235	3.51	ng	# 91
88) Benzo(b)fluoranthene	15.015	252	138736m	5.74	ng	
90) Benzo(a)pyrene	15.374	252	90322	4.22	ng	# 96

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

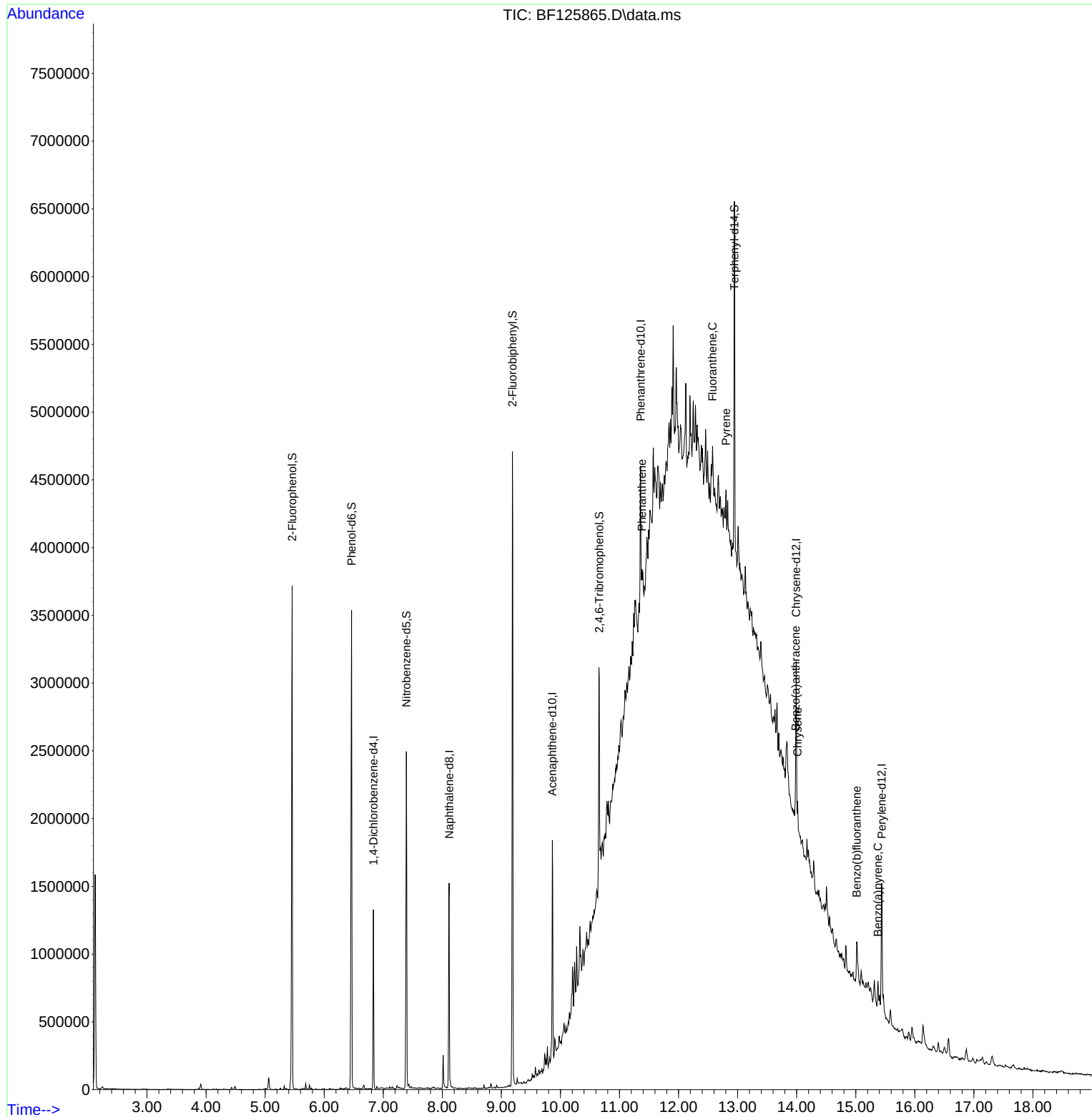
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101521\
Data File : BF125865.D
Acq On : 15 Oct 2021 16:26
Operator : JU/CG
Sample : M4242-21
Misc :
ALS Vial : 9 Sample Multiplier: 1

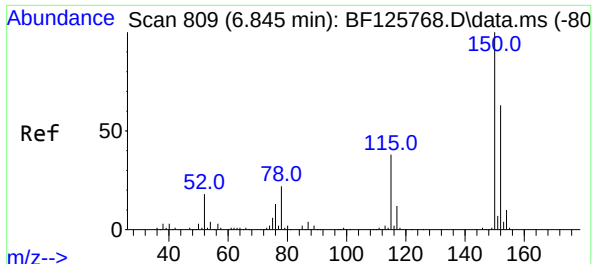
Instrument :
BNA_F
ClientSampleId :
T2-COMP-(1-4)

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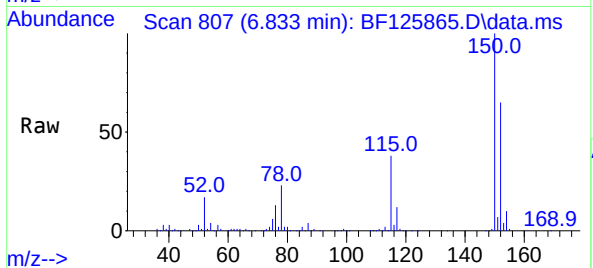
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF100721.M
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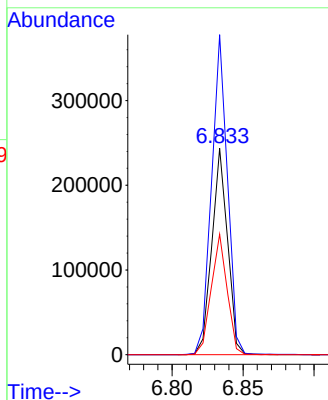
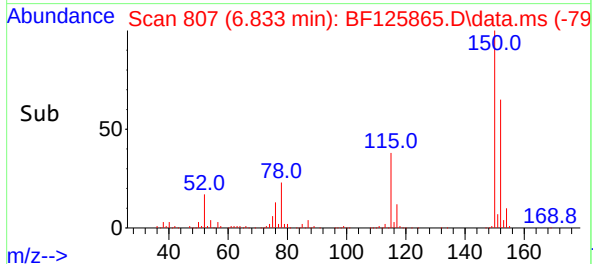




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.833 min Scan# 807
Delta R.T. -0.000 min
Lab File: BF125865.D
Acq: 15 Oct 2021 16:26



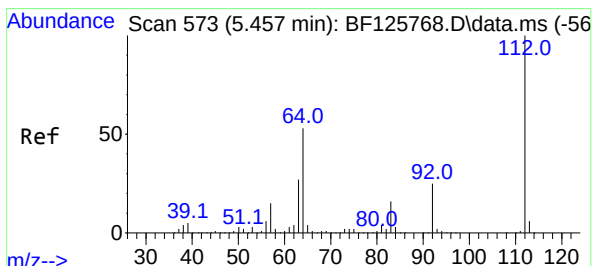
Tgt Ion:152 Resp: 188127
Ion Ratio Lower Upper
152 100
150 155.0 117.6 176.4
115 58.4 47.1 70.7



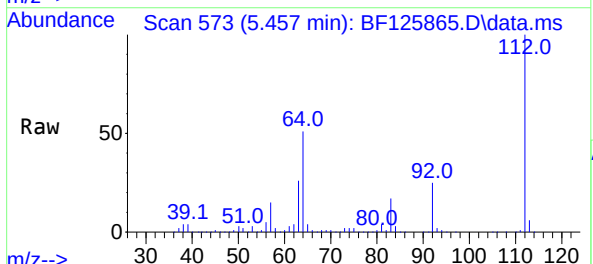
Instrument :
BNA_F
ClientSampleId :
T2-COMP-(1-4)

Manual Integrations
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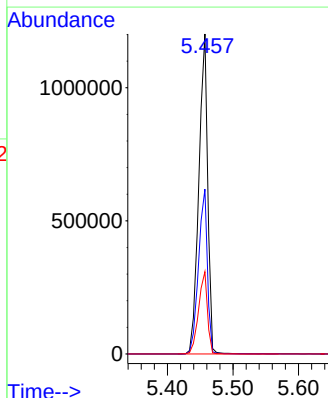
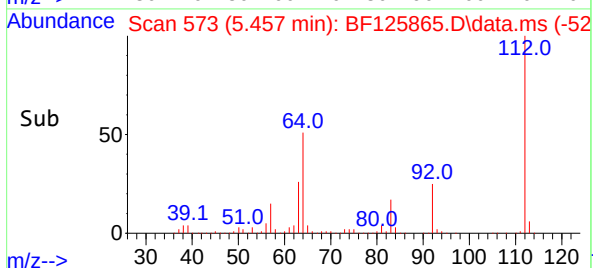
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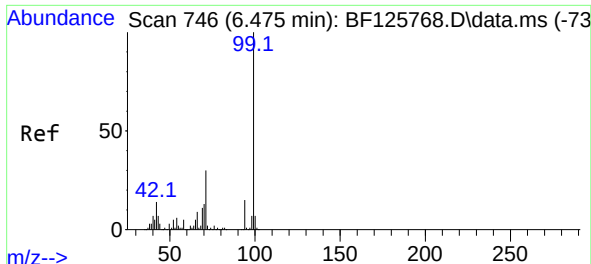


#5
2-Fluorophenol
Concen: 98.84 ng
RT: 5.457 min Scan# 573
Delta R.T. 0.006 min
Lab File: BF125865.D
Acq: 15 Oct 2021 16:26



Tgt Ion:112 Resp: 1138272
Ion Ratio Lower Upper
112 100
64 51.5 44.2 66.2
63 25.7 26.2 39.2#





#7
Phenol-d6
Concen: 95.81 ng
RT: 6.463 min Scan# 744
Delta R.T. -0.000 min
Lab File: BF125865.D
Acq: 15 Oct 2021 16:26

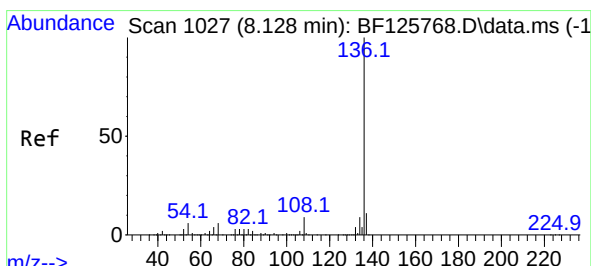
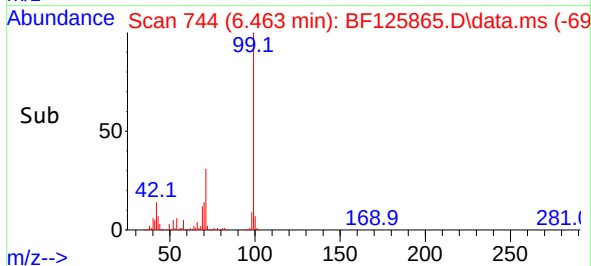
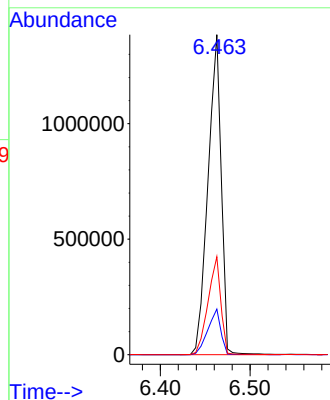
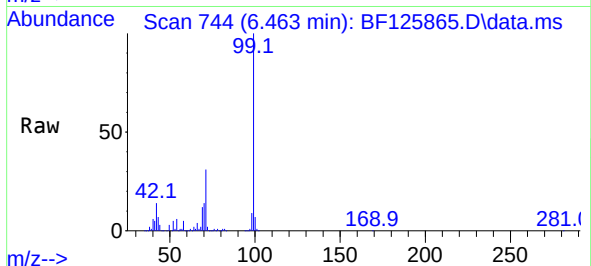
Tgt Ion: 99 Resp: 1420389

Ion	Ratio	Lower	Upper
99	100		
42	14.3	23.5	35.3#
71	30.6	25.6	38.4

Instrument :
BNA_F
ClientSampleId :
T2-COMP-(1-4)

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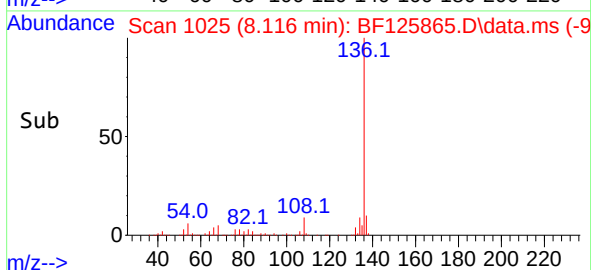
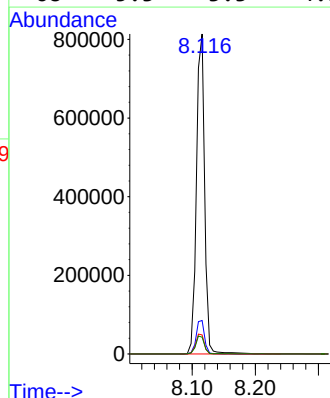
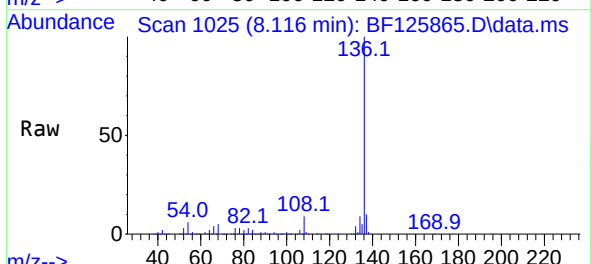
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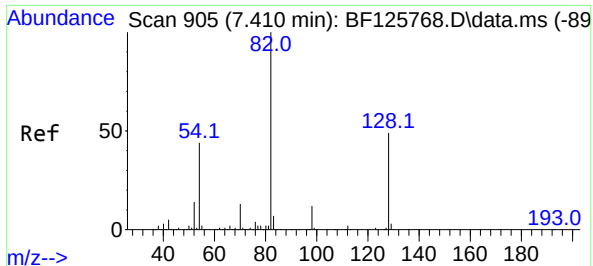


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.116 min Scan# 1025
Delta R.T. -0.000 min
Lab File: BF125865.D
Acq: 15 Oct 2021 16:26

Tgt Ion: 136 Resp: 731670

Ion	Ratio	Lower	Upper
136	100		
137	10.4	9.8	14.6
54	5.9	6.4	9.6#
68	5.3	3.3	4.9#





#23

Nitrobenzene-d5

Concen: 72.81 ng

RT: 7.392 min Scan# 902

Delta R.T. -0.006 min

Lab File: BF125865.D

Acq: 15 Oct 2021 16:26

Tgt Ion:	82	Resp:	856976
Ion	Ratio	Lower	Upper
82	100		
128	48.1	40.6	60.8
54	43.4	49.6	74.4#

Instrument :

BNA_F

ClientSampleId :

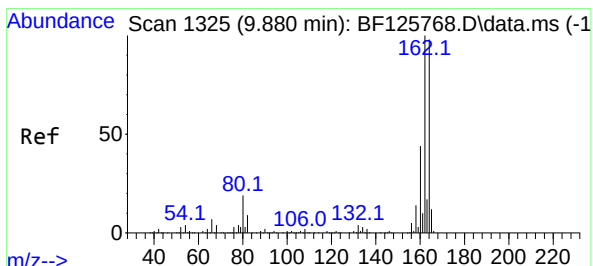
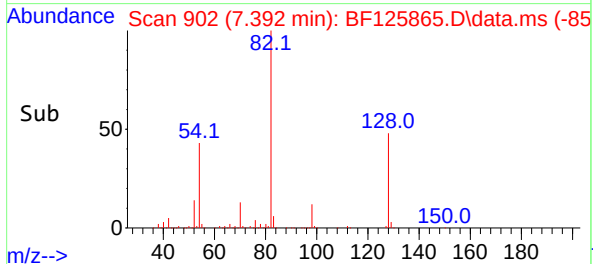
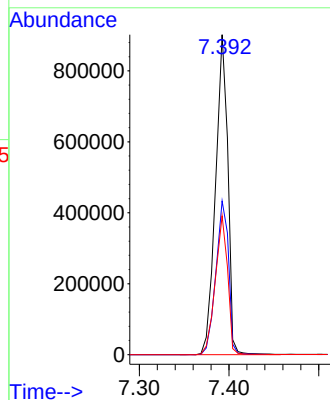
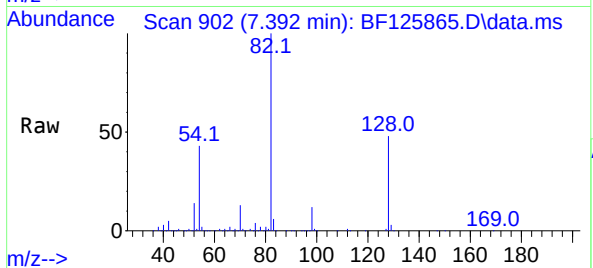
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#39

Acenaphthene-d10

Concen: 20.00 ng

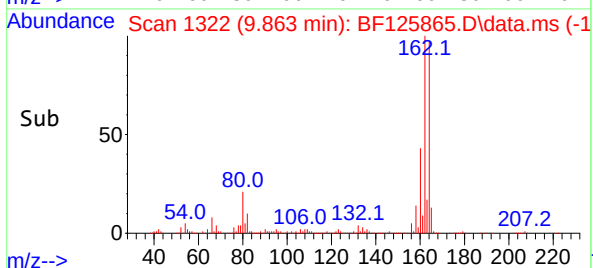
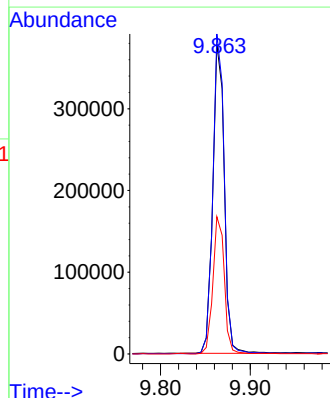
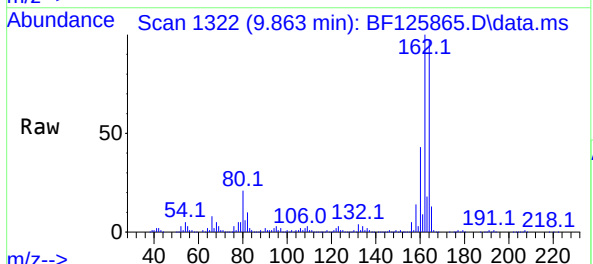
RT: 9.863 min Scan# 1322

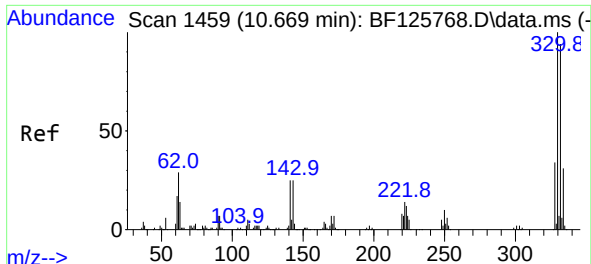
Delta R.T. -0.006 min

Lab File: BF125865.D

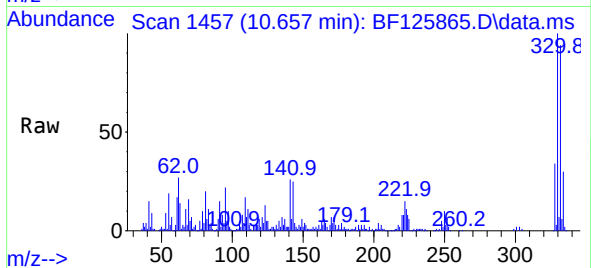
Acq: 15 Oct 2021 16:26

Tgt Ion:	164	Resp:	337403
Ion	Ratio	Lower	Upper
164	100		
162	103.4	81.3	121.9
160	44.4	38.0	57.0

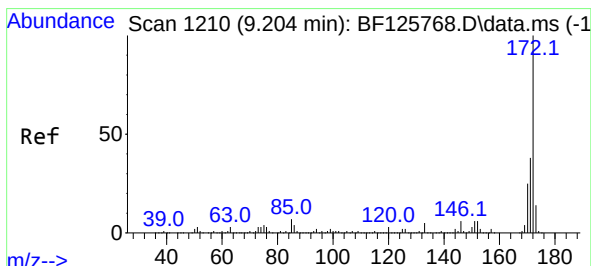
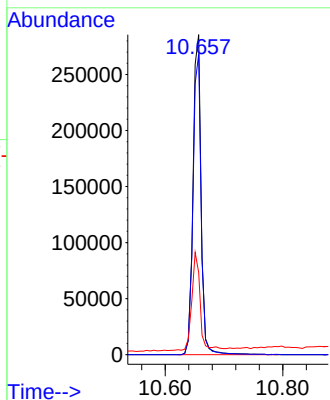
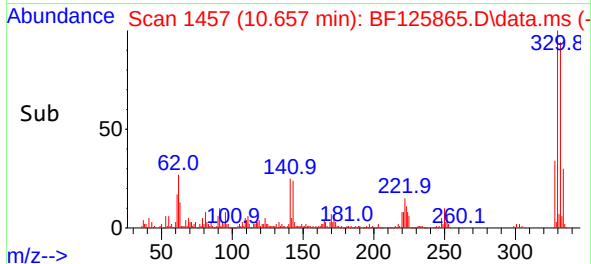




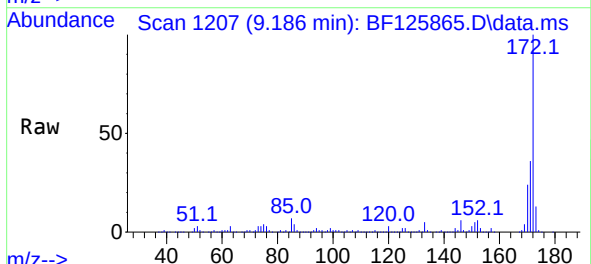
#42
2,4,6-Tribromophenol
Concen: 81.83 ng
RT: 10.657 min Scan# 1457
Delta R.T. -0.000 min
Lab File: BF125865.D
Acq: 15 Oct 2021 16:26



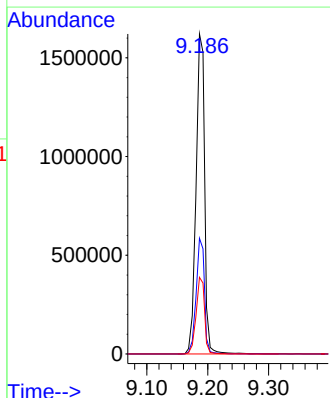
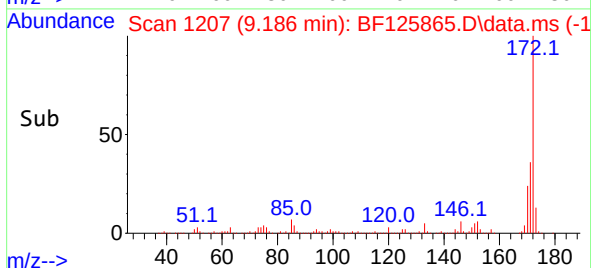
Tgt Ion: 330 Resp: 272598
Ion Ratio Lower Upper
330 100
332 94.6 76.2 114.4
141 32.3 44.6 66.8#



#45
2-Fluorobiphenyl
Concen: 81.28 ng
RT: 9.186 min Scan# 1207
Delta R.T. -0.006 min
Lab File: BF125865.D
Acq: 15 Oct 2021 16:26



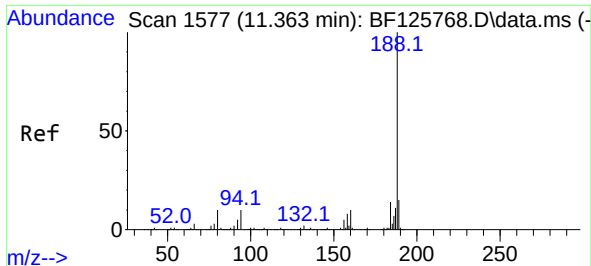
Tgt Ion: 172 Resp: 1589886
Ion Ratio Lower Upper
172 100
171 36.1 26.5 39.7
170 23.9 18.8 28.2



Instrument :
BNA_F
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T2-COMP-(1-4)

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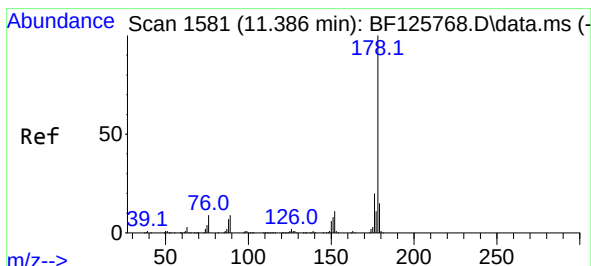
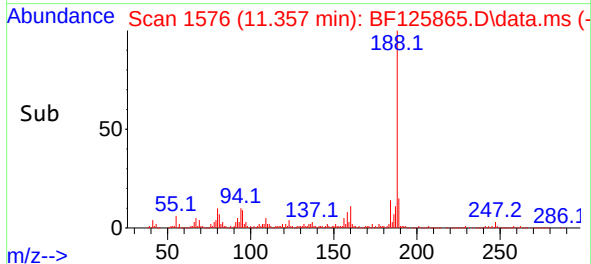
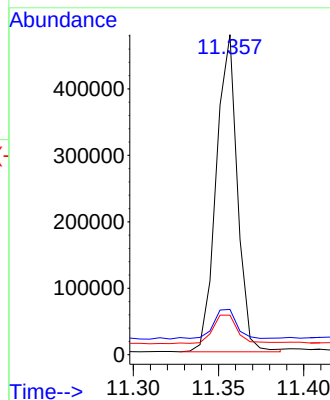
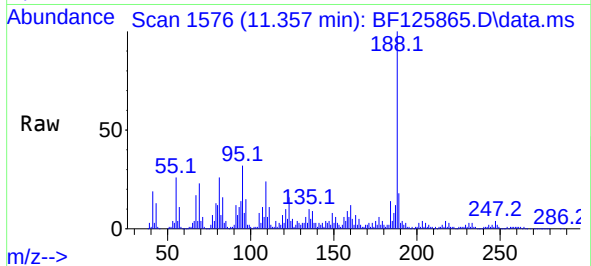
#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.357 min Scan# 1576
Delta R.T. 0.006 min
Lab File: BF125865.D
Acq: 15 Oct 2021 16:26

Tgt Ion:188 Resp: 412810
Ion Ratio Lower Upper
188 100
94 14.1 6.7 10.1#
80 12.3 7.5 11.3#

Instrument :
BNA_F
ClientSampleId :
T2-COMP-(1-4)

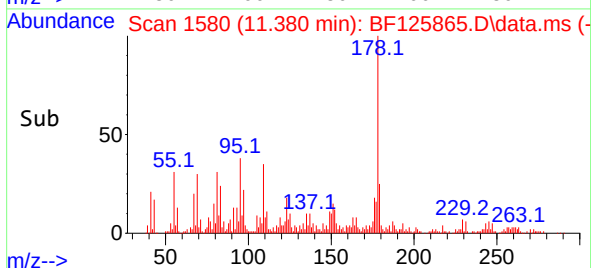
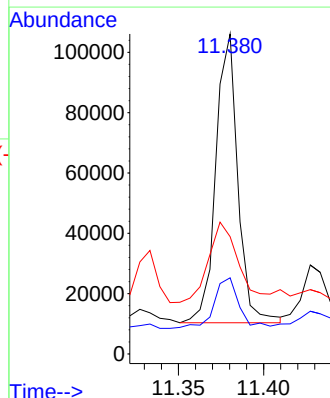
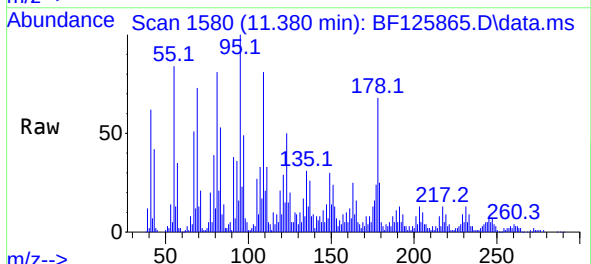
Manual Integrations
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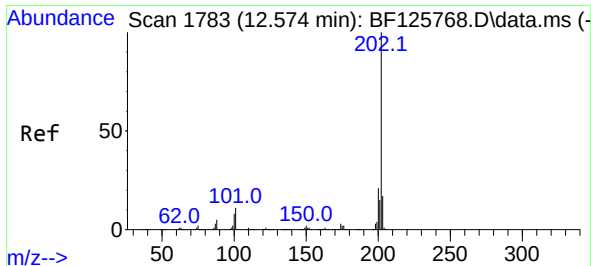
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#71
Phenanthrene
Concen: 3.91 ng
RT: 11.380 min Scan# 1580
Delta R.T. 0.006 min
Lab File: BF125865.D
Acq: 15 Oct 2021 16:26

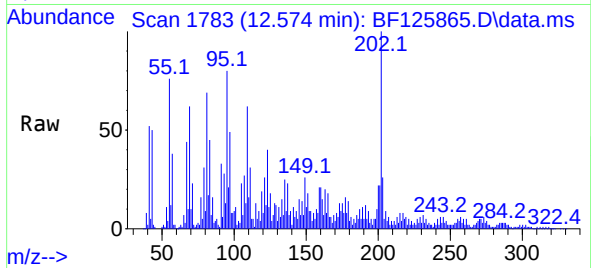
Tgt Ion:178 Resp: 86308
Ion Ratio Lower Upper
178 100
176 23.8 14.7 22.1#
179 36.6 11.5 17.3#





#75
Fluoranthene
Concen: 7.29 ng
RT: 12.574 min Scan# 1783
Delta R.T. 0.012 min
Lab File: BF125865.D
Acq: 15 Oct 2021 16:26

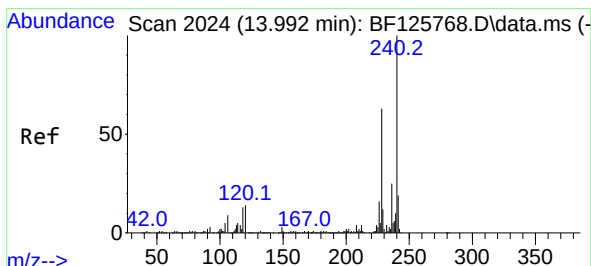
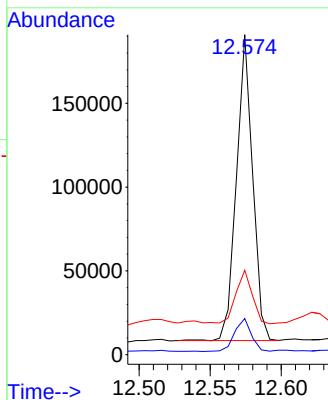
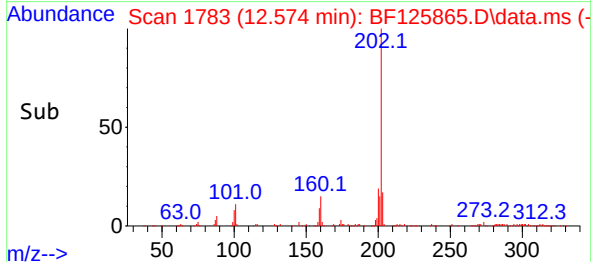
Instrument :
BNA_F
ClientSampleId :
T2-COMP-(1-4)



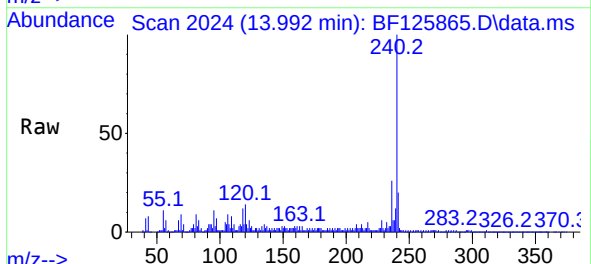
Tgt Ion:202 Resp: 145371
Ion Ratio Lower Upper
202 100
101 11.3 0.0 30.7
203 26.4 0.0 36.3

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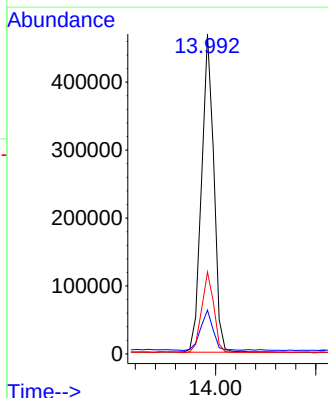
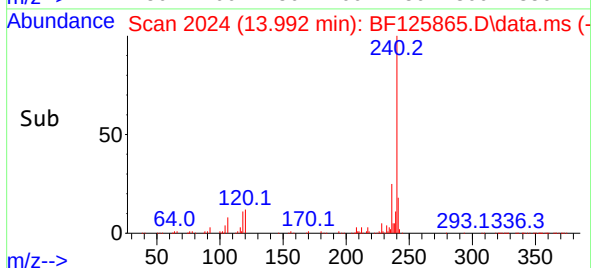
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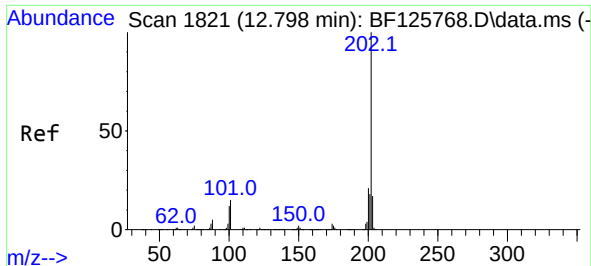


#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.992 min Scan# 2024
Delta R.T. 0.006 min
Lab File: BF125865.D
Acq: 15 Oct 2021 16:26



Tgt Ion:240 Resp: 400659
Ion Ratio Lower Upper
240 100
120 13.7 10.8 16.2
236 25.6 21.6 32.4





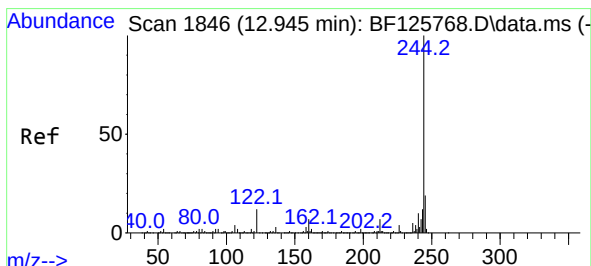
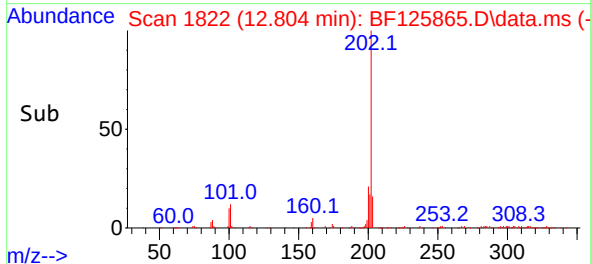
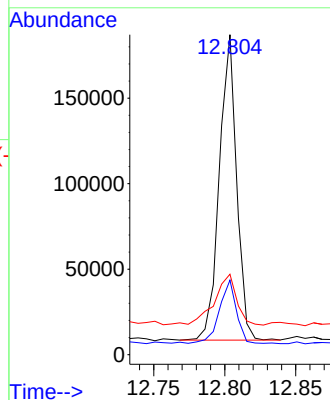
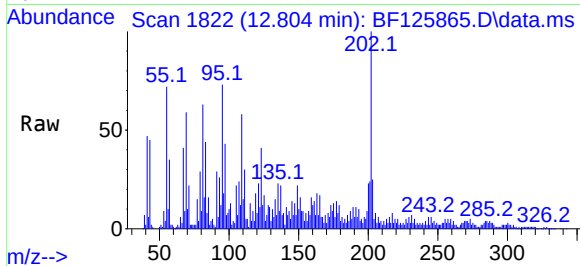
#78
Pyrene
Concen: 3.71 ng
RT: 12.804 min Scan# 1822
Delta R.T. 0.012 min
Lab File: BF125865.D
Acq: 15 Oct 2021 16:26

Tgt Ion:202 Resp: 150958
Ion Ratio Lower Upper
202 100
200 23.3 15.3 22.9#
203 25.2 13.4 20.0#

Instrument :
BNA_F
ClientSampleId :
T2-COMP-(1-4)

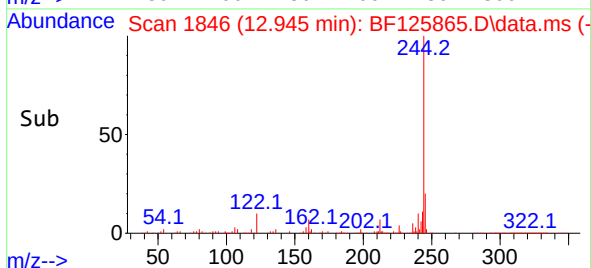
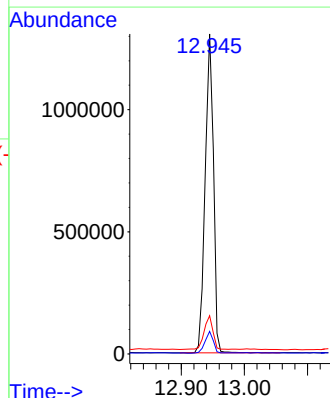
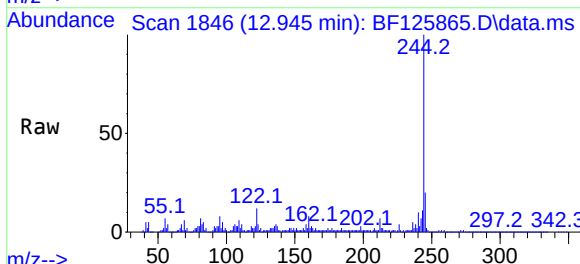
Manual Integrations
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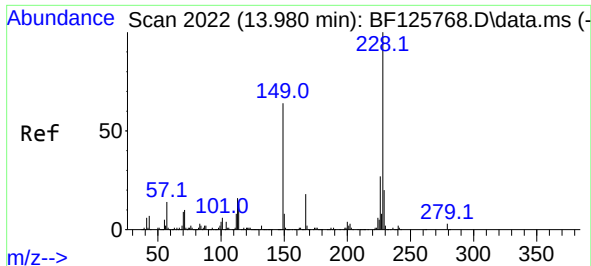
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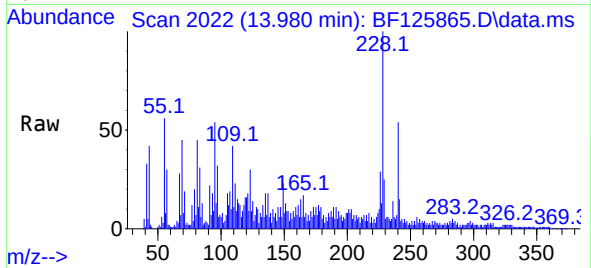
#79
Terphenyl-d14
Concen: 45.40 ng
RT: 12.945 min Scan# 1846
Delta R.T. 0.012 min
Lab File: BF125865.D
Acq: 15 Oct 2021 16:26

Tgt Ion:244 Resp: 1194109
Ion Ratio Lower Upper
244 100
212 7.0 5.9 8.9
122 11.9 9.0 13.4

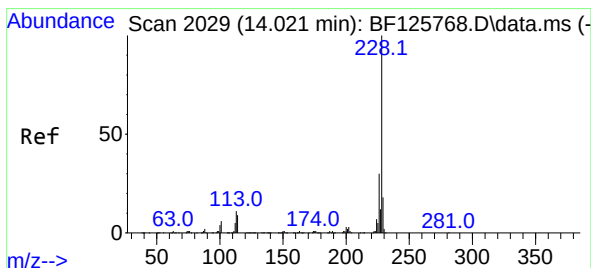
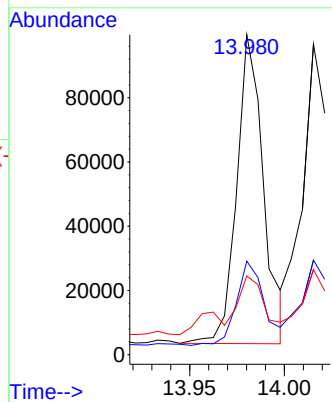
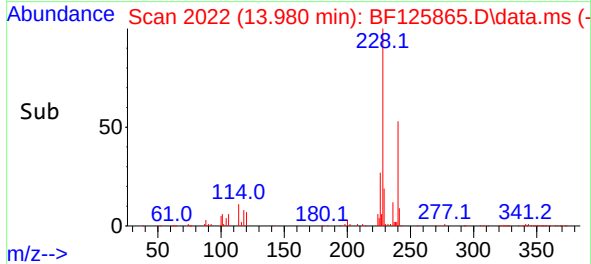




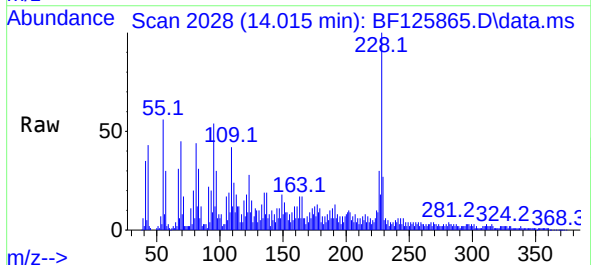
#81
Benzo(a)anthracene
Concen: 3.64 ng
RT: 13.980 min Scan# 2022
Delta R.T. 0.006 min
Lab File: BF125865.D
Acq: 15 Oct 2021 16:26



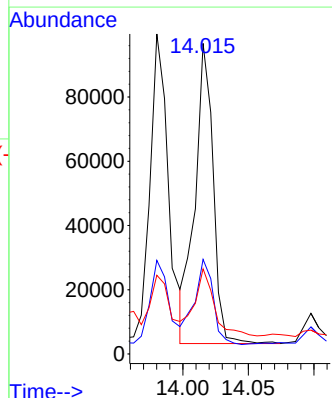
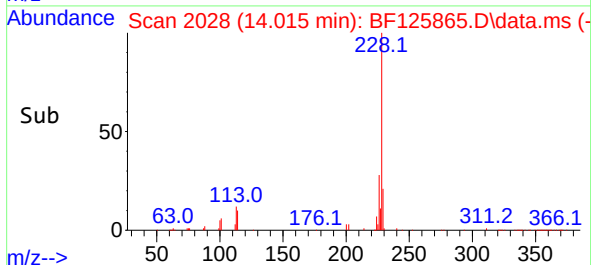
Tgt Ion:228 Resp: 94510
Ion Ratio Lower Upper
228 100
226 29.2 21.6 32.4
229 24.6 15.6 23.4#



#83
Chrysene
Concen: 3.51 ng
RT: 14.015 min Scan# 2028
Delta R.T. 0.006 min
Lab File: BF125865.D
Acq: 15 Oct 2021 16:26



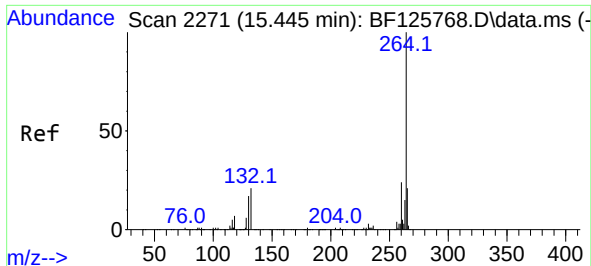
Tgt Ion:228 Resp: 90235
Ion Ratio Lower Upper
228 100
226 30.5 22.6 34.0
229 27.4 15.9 23.9#



Instrument :
BNA_F
ClientSampleId :
T2-COMP-(1-4)

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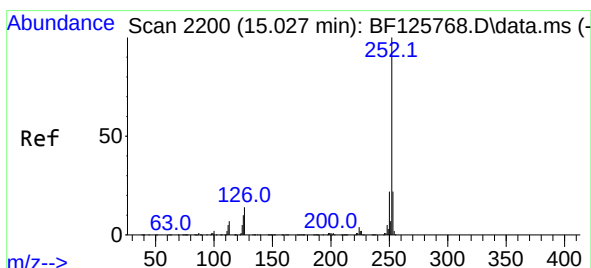
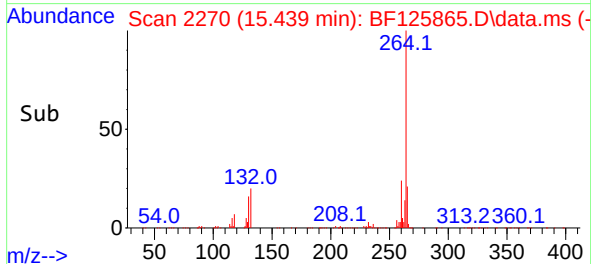
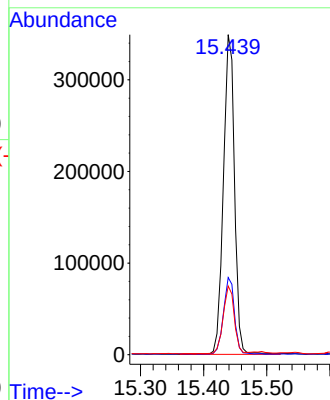
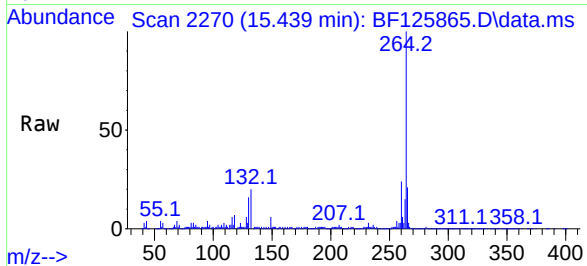
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.439 min Scan# 2270
Delta R.T. 0.006 min
Lab File: BF125865.D
Acq: 15 Oct 2021 16:26

Instrument :
BNA_F
ClientSampleId :
T2-COMP-(1-4)

Tgt Ion:264 Resp: 428018
Ion Ratio Lower Upper
264 100
260 24.1 19.6 29.4
265 21.5 17.2 25.8

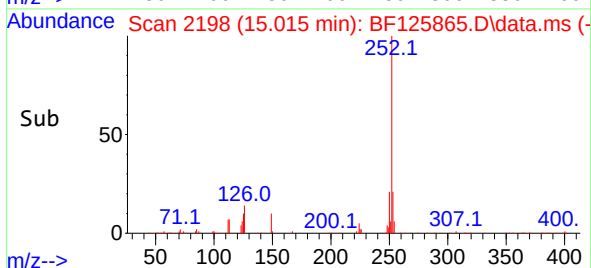
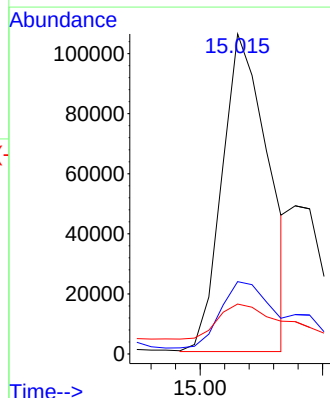
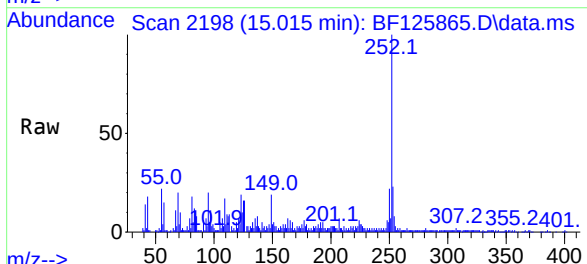
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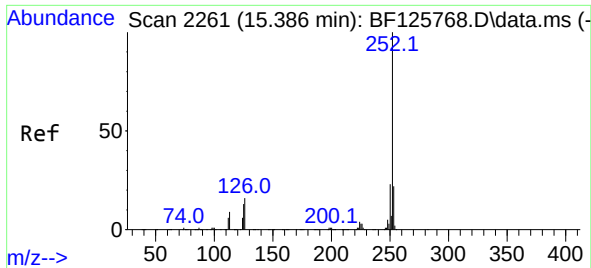
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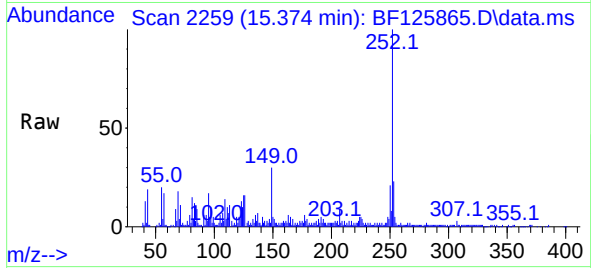
#88
Benzo(b)fluoranthene
Concen: 5.74 ng m
RT: 15.015 min Scan# 2198
Delta R.T. -0.000 min
Lab File: BF125865.D
Acq: 15 Oct 2021 16:26

Tgt Ion:252 Resp: 138736
Ion Ratio Lower Upper
252 100
253 22.6 16.8 25.2
125 15.6 9.8 14.8#

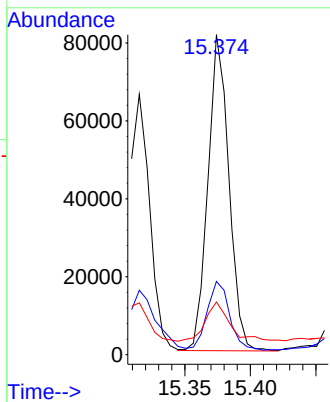
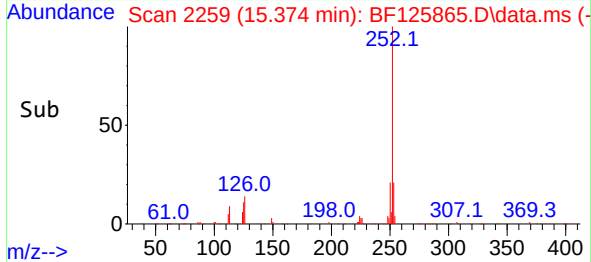




#90
Benzo(a)pyrene
Concen: 4.22 ng
RT: 15.374 min Scan# 2259
Delta R.T. -0.000 min
Lab File: BF125865.D
Acq: 15 Oct 2021 16:26



Tgt Ion:252 Resp: 90322
Ion Ratio Lower Upper
252 100
253 22.9 18.4 27.6
125 16.4 9.9 14.9#



Instrument :
BNA_F
ClientSampleId :
T2-COMP-(1-4)

Manual Integrations
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