

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101921\
 Data File : BF125898.D
 Acq On : 19 Oct 2021 14:11
 Operator : JU/CG
 Sample : M4273-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 R-LA-4/2-WC

Manual Integrations
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Quant Time: Oct 19 16:45:43 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF100721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 18 12:43:03 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.822	152	156882	20.00	ng	0.00
21) Naphthalene-d8	8.104	136	628174	20.00	ng	# 0.00
39) Acenaphthene-d10	9.857	164	329616	20.00	ng	0.00
64) Phenanthrene-d10	11.339	188	536874	20.00	ng	0.00
76) Chrysene-d12	13.974	240	371331	20.00	ng	0.00
86) Perylene-d12	15.421	264	374009	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	1143673	119.09	ng	0.00
7) Phenol-d6	6.451	99	1399483	113.20	ng	0.00
23) Nitrobenzene-d5	7.381	82	821905	81.33	ng	-0.01
42) 2,4,6-Tribromophenol	10.645	330	371795	114.25	ng	0.00
45) 2-Fluorobiphenyl	9.181	172	1508037	78.91	ng	0.00
79) Terphenyl-d14	12.922	244	1293025	53.04	ng	0.00
Target Compounds						Qvalue
35) Caprolactam	8.492	113	8816	3.43	ng	# 83
71) Phenanthrene	11.363	178	432472	15.06	ng	98
72) Anthracene	11.410	178	120916	4.21	ng	99
75) Fluoranthene	12.551	202	747702	28.85	ng	98
78) Pyrene	12.774	202	609997	16.17	ng	97
81) Benzo(a)anthracene	13.963	228	311875	12.95	ng	98
83) Chrysene	13.998	228	290743	12.21	ng	98
87) Indeno(1,2,3-cd)pyrene	16.851	276	137364m	4.81	ng	
88) Benzo(b)fluoranthene	15.004	252	424898m	20.12	ng	
89) Benzo(k)fluoranthene	15.027	252	101561m	4.68	ng	
90) Benzo(a)pyrene	15.357	252	275855	14.75	ng	98
92) Benzo(g,h,i)perylene	17.286	276	123559	5.14	ng	93

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

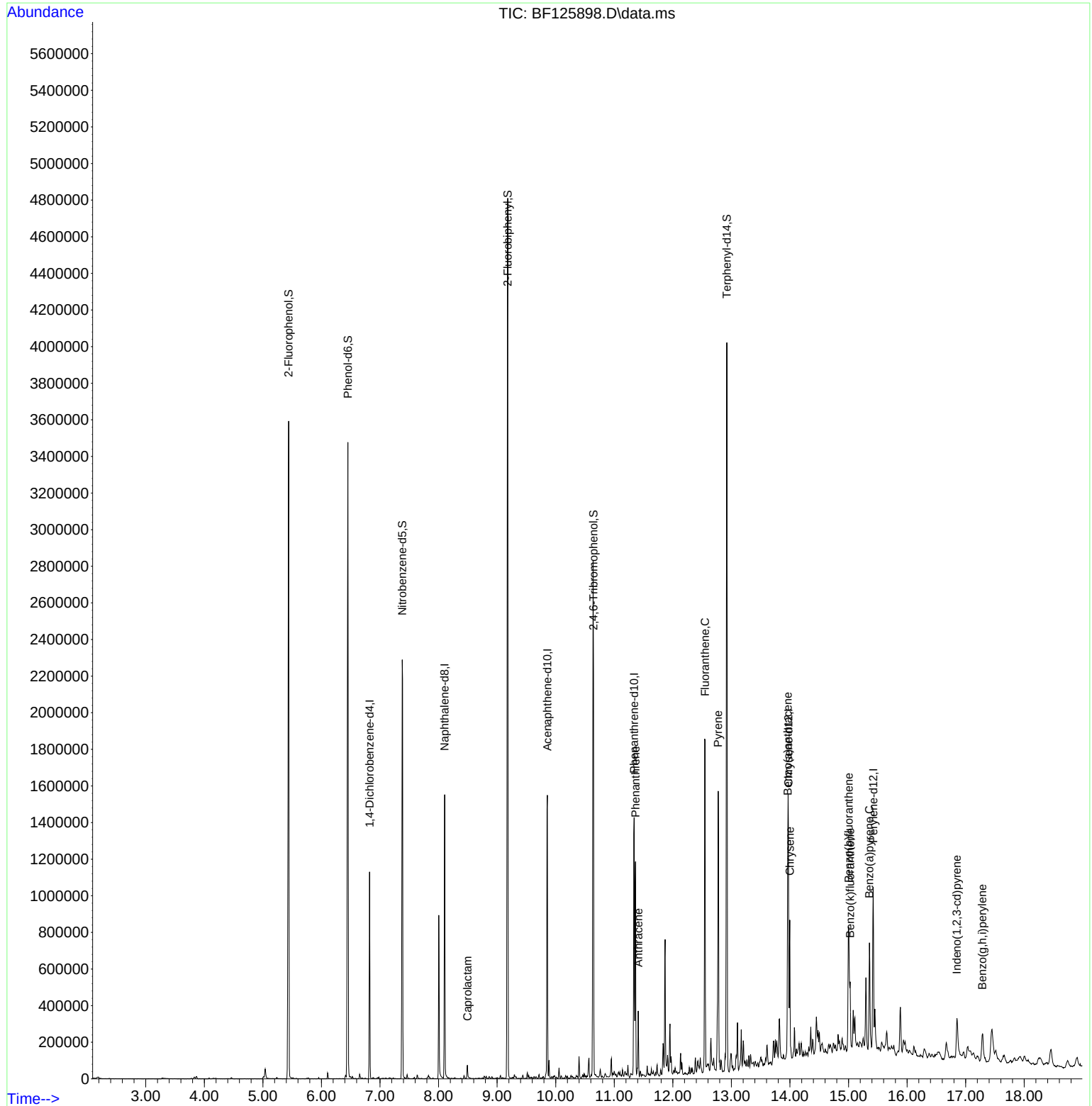
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101921\
Data File : BF125898.D
Acq On : 19 Oct 2021 14:11
Operator : JU/CG
Sample : M4273-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

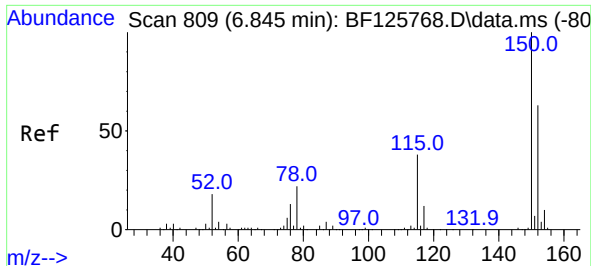
Instrument :
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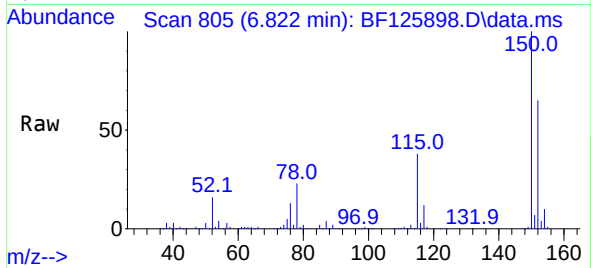
Quant Time: Oct 19 16:45:43 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF100721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 18 12:43:03 2021
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.822 min Scan# 805
Delta R.T. -0.006 min
Lab File: BF125898.D
Acq: 19 Oct 2021 14:11

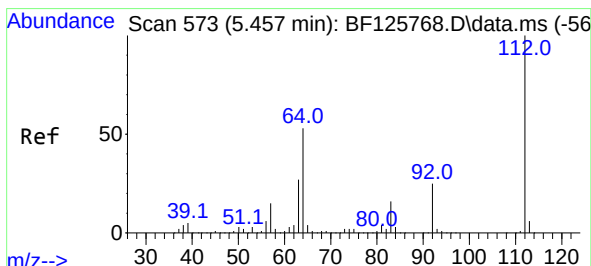
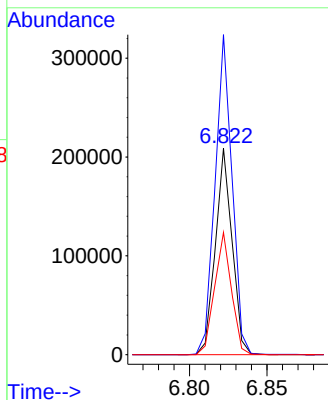
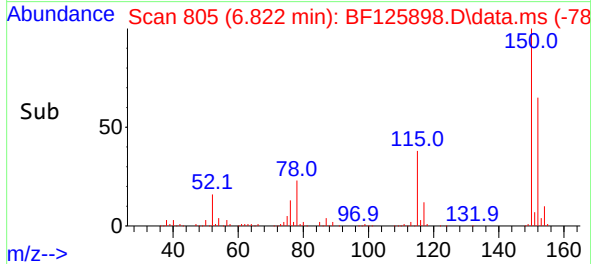
Instrument :
BNA_F
ClientSampled :
R-LA-4/2-WC



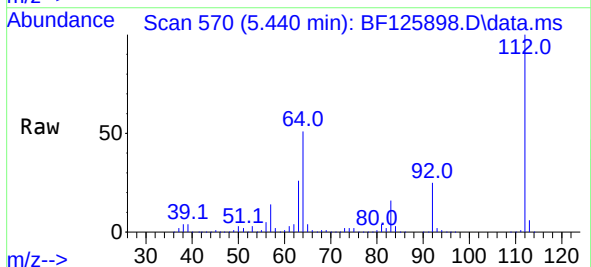
Tgt Ion:152 Resp: 156882
Ion Ratio Lower Upper
152 100
150 155.0 117.6 176.4
115 59.2 47.1 70.7

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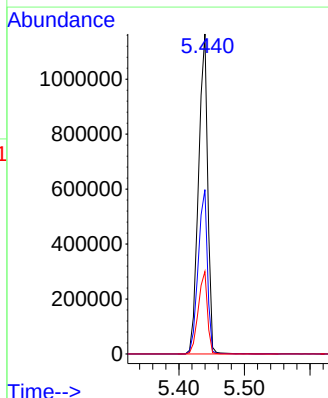
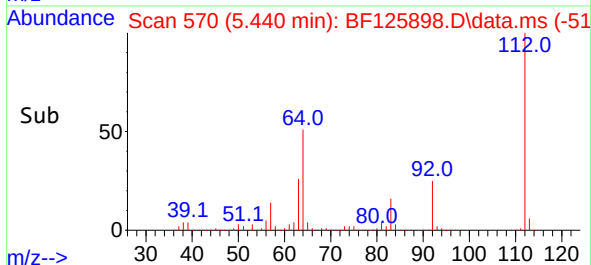
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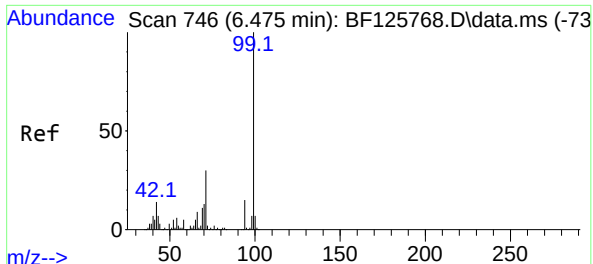


#5
2-Fluorophenol
Concen: 119.09 ng
RT: 5.440 min Scan# 570
Delta R.T. 0.000 min
Lab File: BF125898.D
Acq: 19 Oct 2021 14:11



Tgt Ion:112 Resp: 1143673
Ion Ratio Lower Upper
112 100
64 51.4 44.2 66.2
63 25.7 26.2 39.2#





#7
Phenol-d6
Concen: 113.20 ng
RT: 6.451 min Scan# 742
Delta R.T. -0.006 min
Lab File: BF125898.D
Acq: 19 Oct 2021 14:11

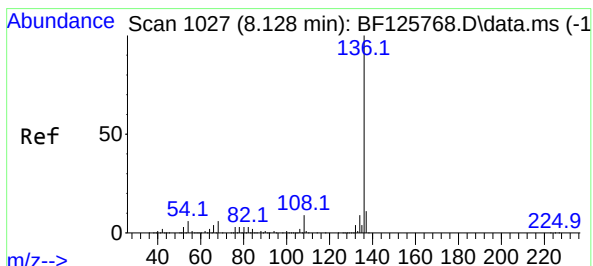
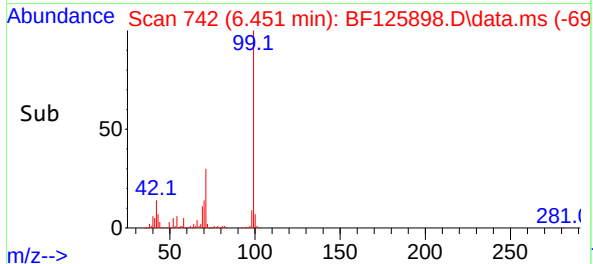
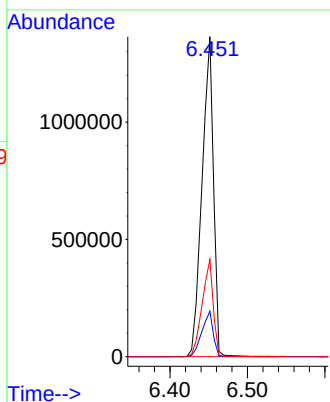
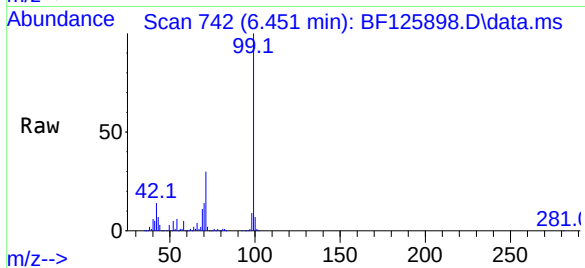
Tgt Ion: 99 Resp: 1399483

Ion	Ratio	Lower	Upper
99	100		
42	14.2	23.5	35.3#
71	30.4	25.6	38.4

Instrument :
BNA_F
ClientSampleId :
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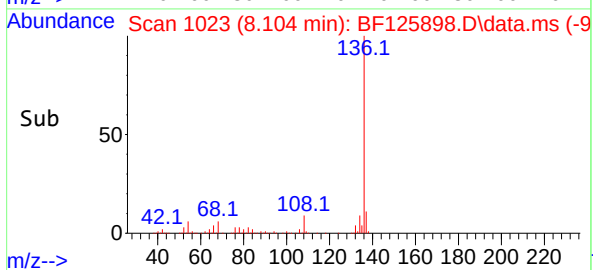
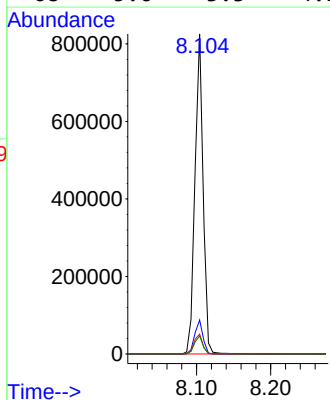
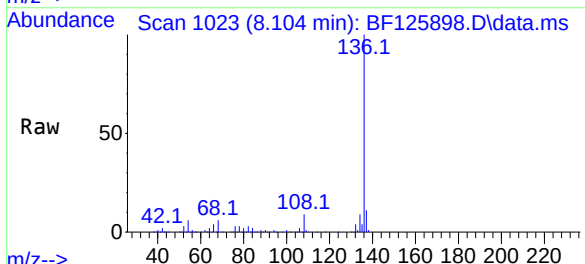
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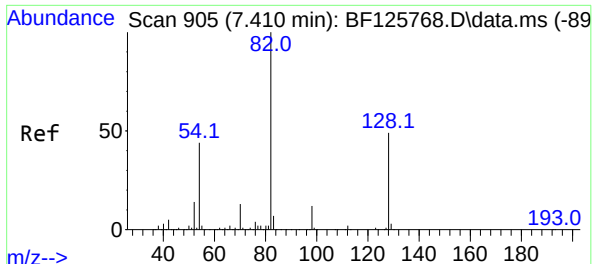


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.104 min Scan# 1023
Delta R.T. -0.006 min
Lab File: BF125898.D
Acq: 19 Oct 2021 14:11

Tgt Ion: 136 Resp: 628174

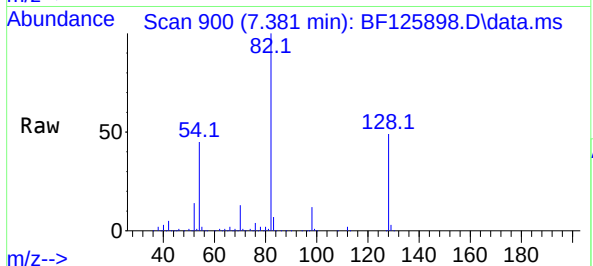
Ion	Ratio	Lower	Upper
136	100		
137	10.6	9.8	14.6
54	6.2	6.4	9.6#
68	5.6	3.3	4.9#





#23
Nitrobenzene-d5
Concen: 81.33 ng
RT: 7.381 min Scan# 900
Delta R.T. -0.012 min
Lab File: BF125898.D
Acq: 19 Oct 2021 14:11

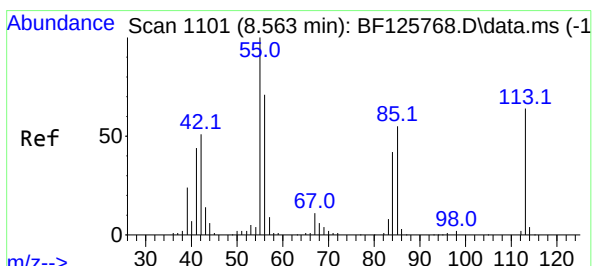
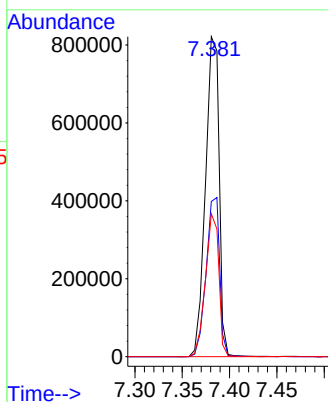
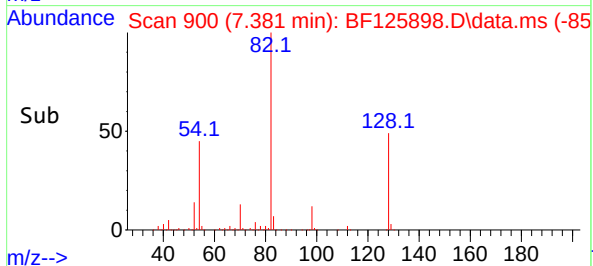
Instrument :
BNA_F
ClientSampled :
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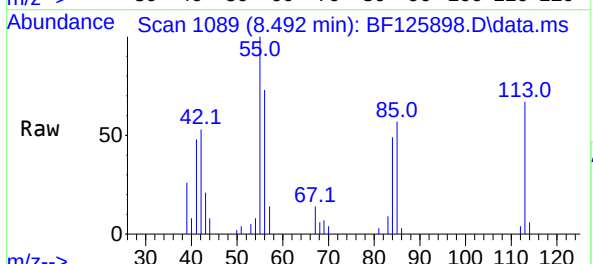
Tgt Ion: 82 Resp: 821905
Ion Ratio Lower Upper
82 100
128 48.5 40.6 60.8
54 44.6 49.6 74.4#

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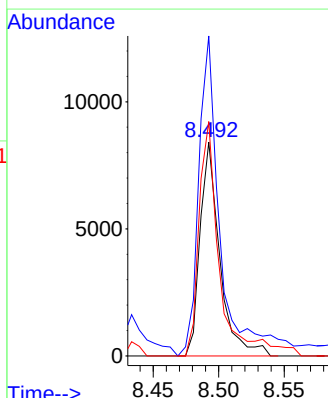
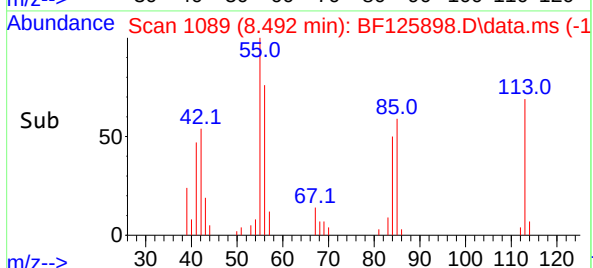
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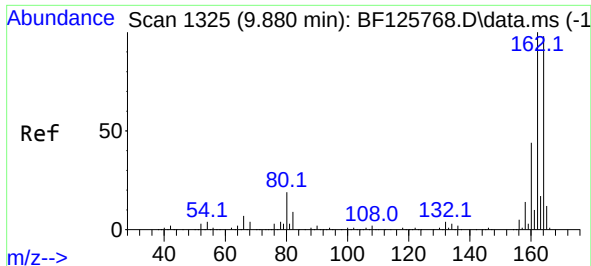


#35
Caprolactam
Concen: 3.43 ng
RT: 8.492 min Scan# 1089
Delta R.T. -0.053 min
Lab File: BF125898.D
Acq: 19 Oct 2021 14:11



Tgt Ion: 113 Resp: 8816
Ion Ratio Lower Upper
113 100
55 149.6 154.1 194.1#
56 109.6 108.7 148.7





#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.857 min Scan# 1321

Delta R.T. -0.006 min

Lab File: BF125898.D

Acq: 19 Oct 2021 14:11

Tgt Ion:164 Resp: 329616

Ion Ratio Lower Upper

164 100

162 102.7 81.3 121.9

160 43.7 38.0 57.0

Instrument :

BNA_F

ClientSampleId :

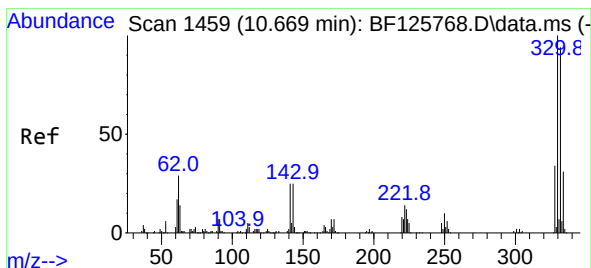
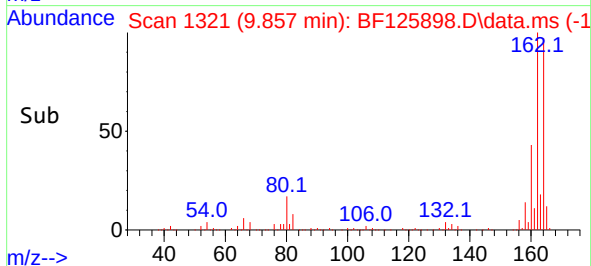
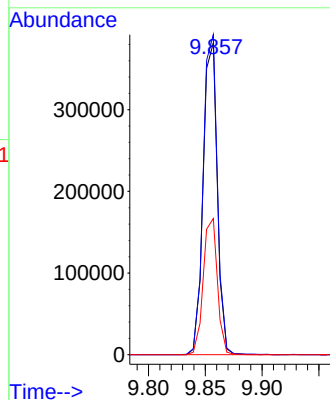
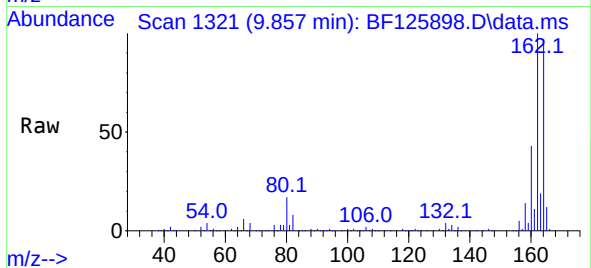
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#42

2,4,6-Tribromophenol

Concen: 114.25 ng

RT: 10.645 min Scan# 1455

Delta R.T. 0.000 min

Lab File: BF125898.D

Acq: 19 Oct 2021 14:11

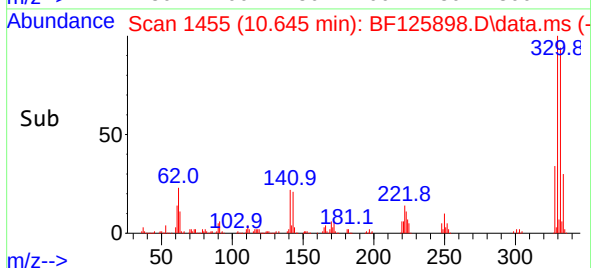
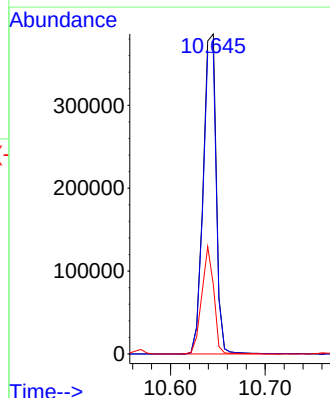
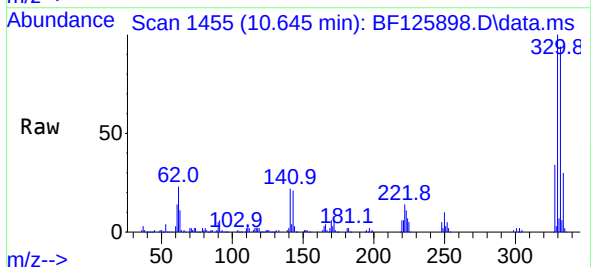
Tgt Ion:330 Resp: 371795

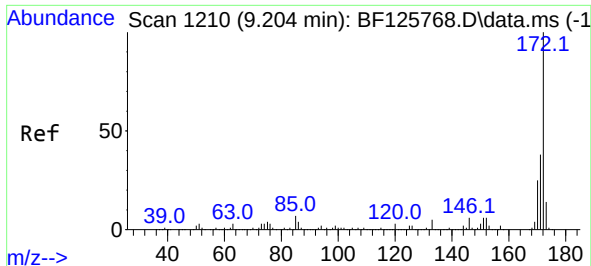
Ion Ratio Lower Upper

330 100

332 95.8 76.2 114.4

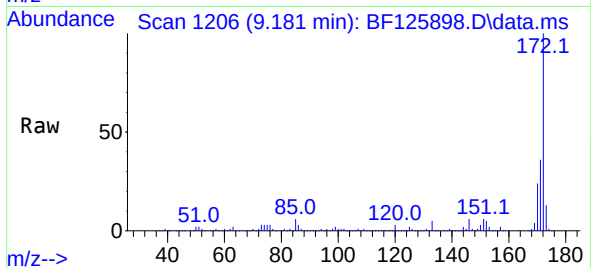
141 30.9 44.6 66.8#





#45
2-Fluorobiphenyl
Concen: 78.91 ng
RT: 9.181 min Scan# 1206
Delta R.T. 0.000 min
Lab File: BF125898.D
Acq: 19 Oct 2021 14:11

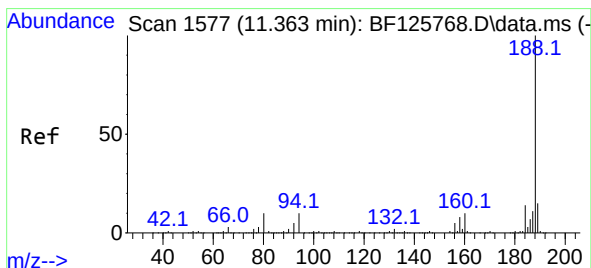
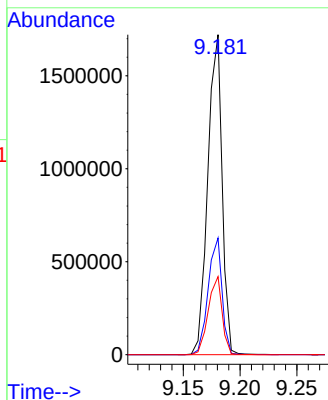
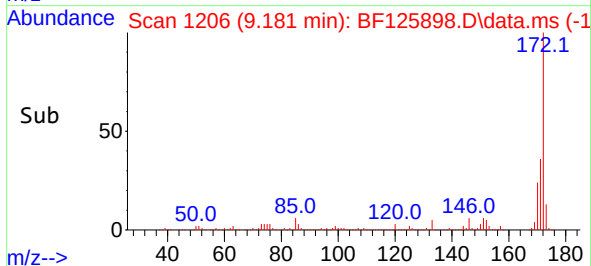
Instrument :
BNA_F
ClientSampleId :
R-LA-4/2-WC



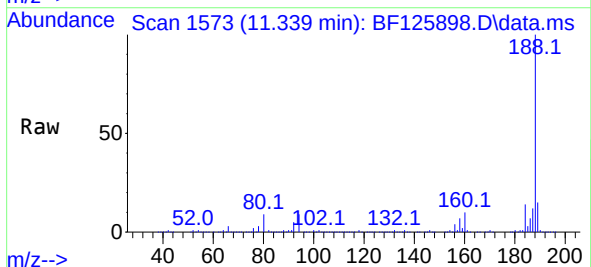
Tgt Ion:172 Resp: 1508037
Ion Ratio Lower Upper
172 100
171 36.4 26.5 39.7
170 24.4 18.8 28.2

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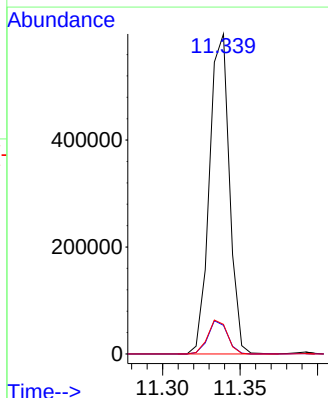
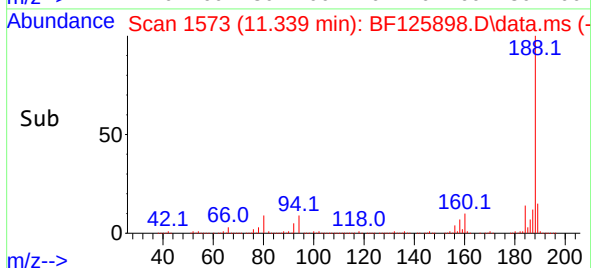
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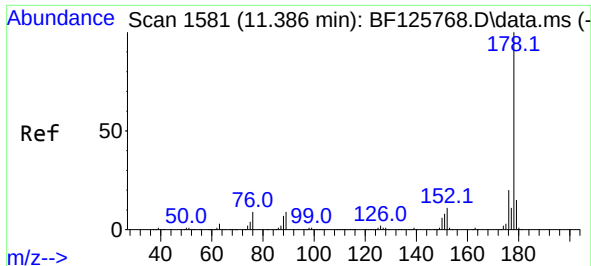


#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.339 min Scan# 1573
Delta R.T. 0.000 min
Lab File: BF125898.D
Acq: 19 Oct 2021 14:11



Tgt Ion:188 Resp: 536874
Ion Ratio Lower Upper
188 100
94 8.9 6.7 10.1
80 9.3 7.5 11.3





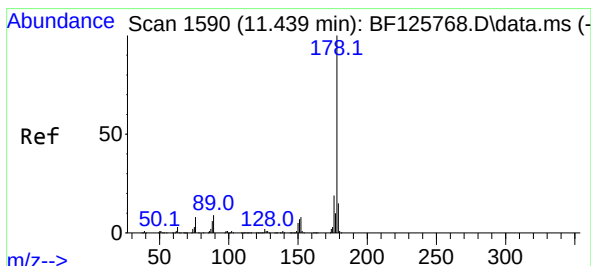
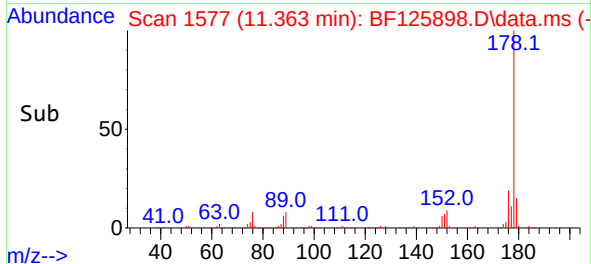
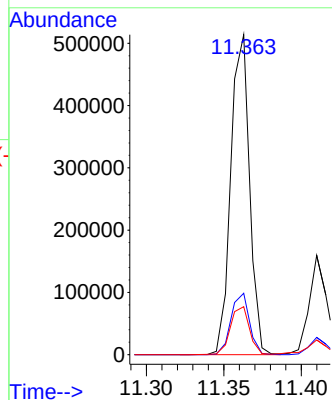
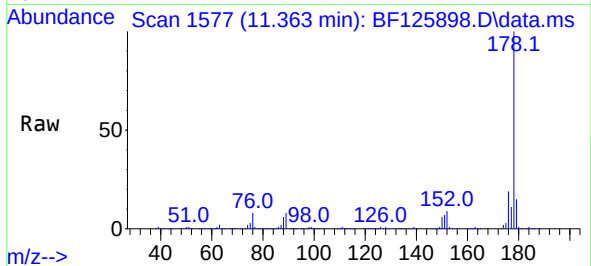
#71
Phenanthrene
Concen: 15.06 ng
RT: 11.363 min Scan# 1577
Delta R.T. -0.006 min
Lab File: BF125898.D
Acq: 19 Oct 2021 14:11

Tgt Ion:178 Resp: 432472
Ion Ratio Lower Upper
178 100
176 19.2 14.7 22.1
179 15.0 11.5 17.3

Instrument :
BNA_F
ClientSampled :
R-LA-4/2-WC

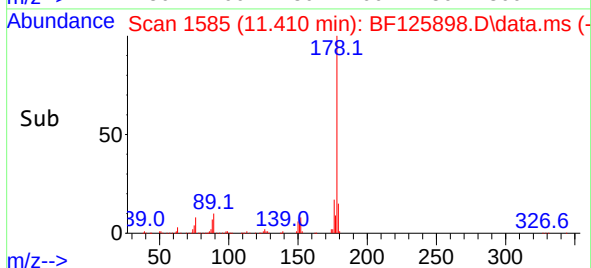
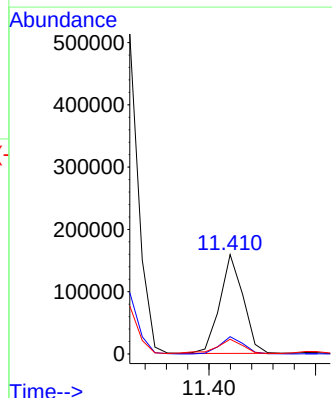
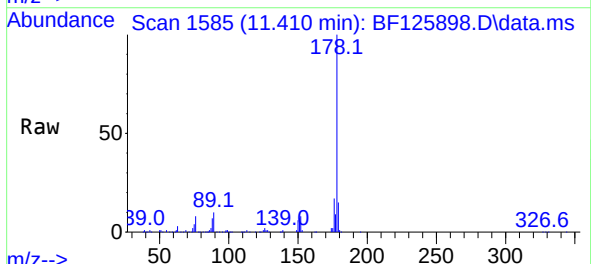
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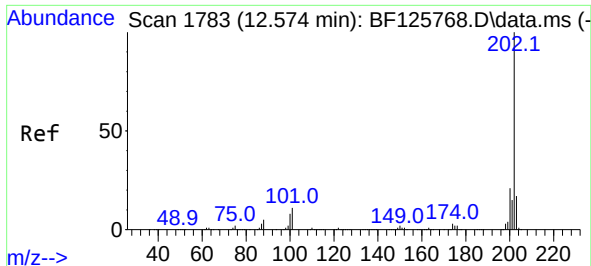
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#72
Anthracene
Concen: 4.21 ng
RT: 11.410 min Scan# 1585
Delta R.T. -0.012 min
Lab File: BF125898.D
Acq: 19 Oct 2021 14:11

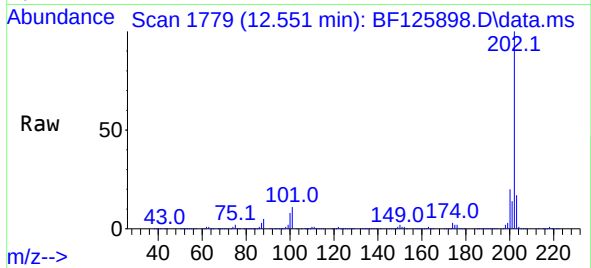
Tgt Ion:178 Resp: 120916
Ion Ratio Lower Upper
178 100
176 17.4 14.3 21.5
179 14.8 12.2 18.4





#75
Fluoranthene
Concen: 28.85 ng
RT: 12.551 min Scan# 1779
Delta R.T. 0.000 min
Lab File: BF125898.D
Acq: 19 Oct 2021 14:11

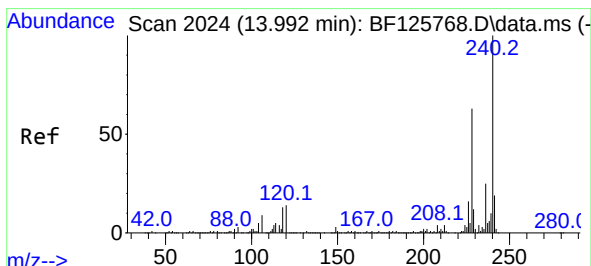
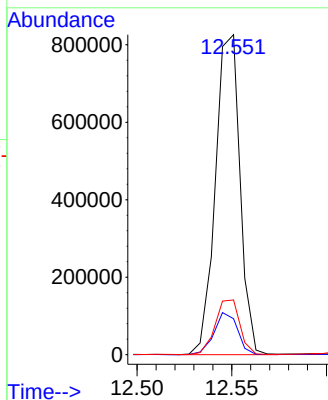
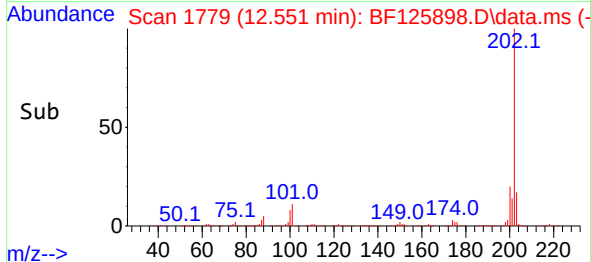
Instrument :
BNA_F
ClientSampleId :
R-LA-4/2-WC



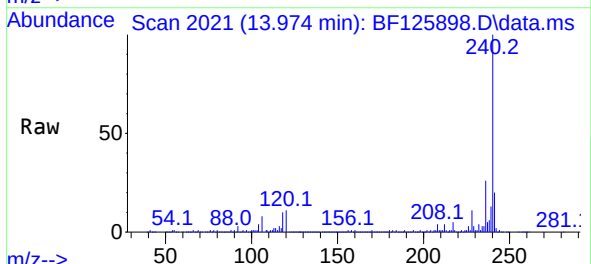
Tgt Ion:202 Resp: 747702
Ion Ratio Lower Upper
202 100
101 11.2 0.0 30.7
203 17.1 0.0 36.3

Manual Integrations
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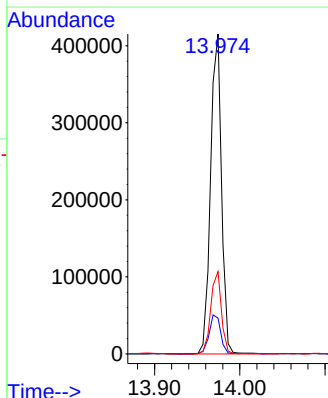
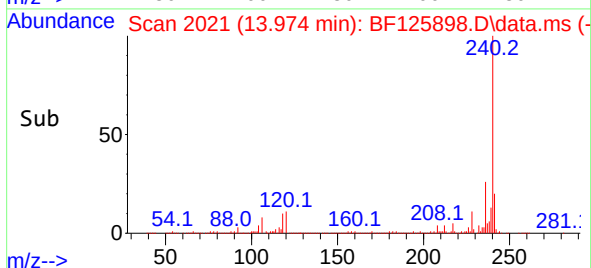
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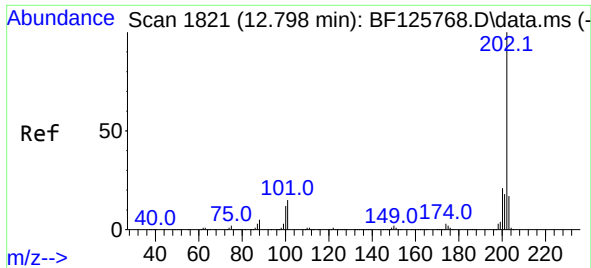


#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.974 min Scan# 2021
Delta R.T. 0.000 min
Lab File: BF125898.D
Acq: 19 Oct 2021 14:11

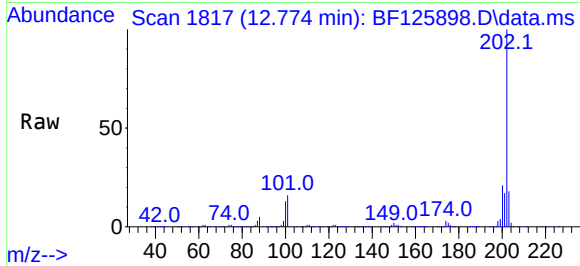


Tgt Ion:240 Resp: 371331
Ion Ratio Lower Upper
240 100
120 11.2 10.8 16.2
236 25.7 21.6 32.4





#78
Pyrene
Concen: 16.17 ng
RT: 12.774 min Scan# 1817
Delta R.T. -0.006 min
Lab File: BF125898.D
Acq: 19 Oct 2021 14:11

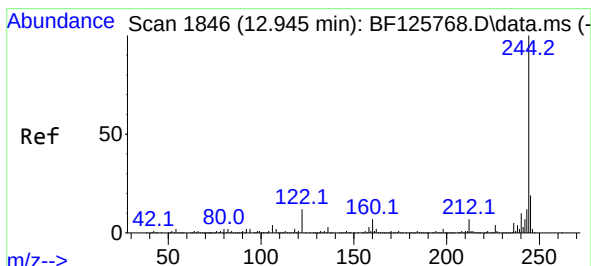
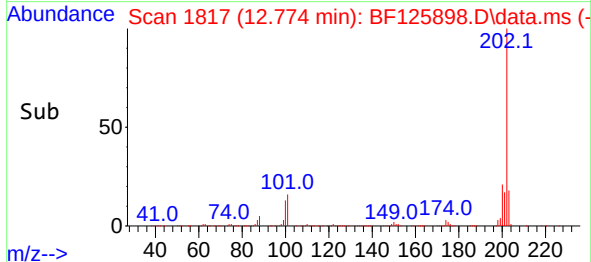
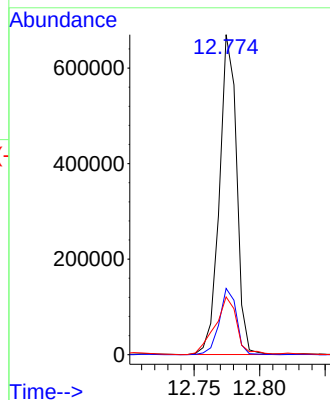


Tgt Ion:202 Resp: 609997
Ion Ratio Lower Upper
202 100
200 20.7 15.3 22.9
203 18.1 13.4 20.0

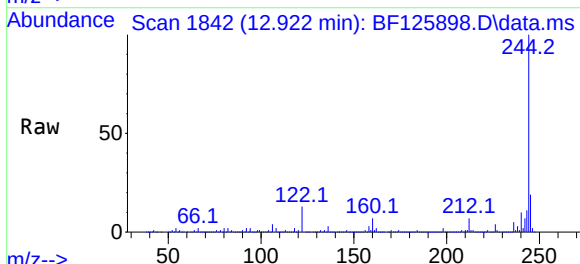
Instrument :
BNA_F
ClientSampled :
R-LA-4/2-WC

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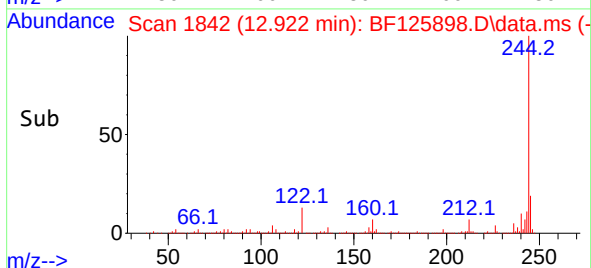
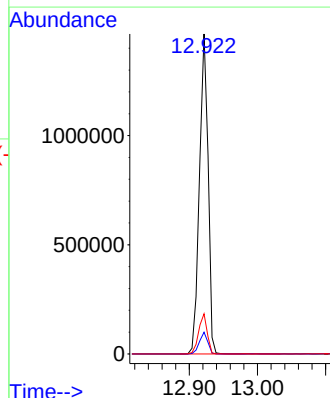
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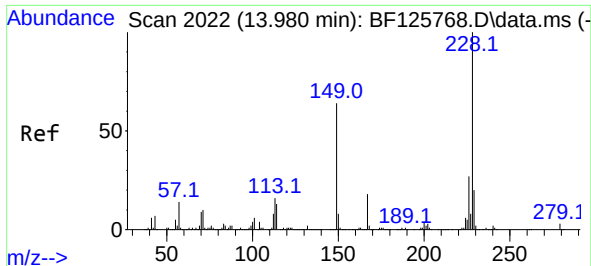


#79
Terphenyl-d14
Concen: 53.04 ng
RT: 12.922 min Scan# 1842
Delta R.T. 0.000 min
Lab File: BF125898.D
Acq: 19 Oct 2021 14:11



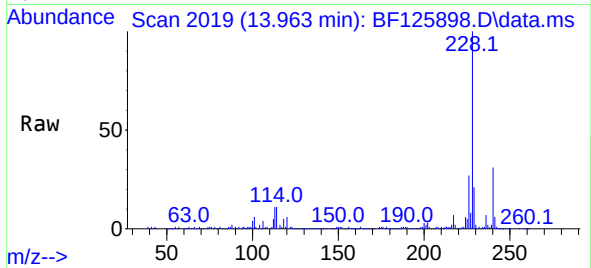
Tgt Ion:244 Resp: 1293025
Ion Ratio Lower Upper
244 100
212 6.8 5.9 8.9
122 12.6 9.0 13.4





#81
Benzo(a)anthracene
Concen: 12.95 ng
RT: 13.963 min Scan# 2019
Delta R.T. 0.000 min
Lab File: BF125898.D
Acq: 19 Oct 2021 14:11

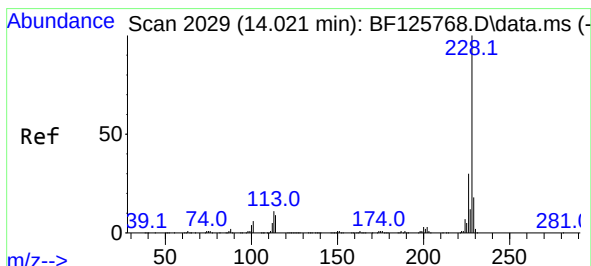
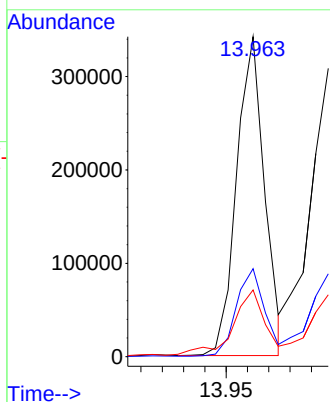
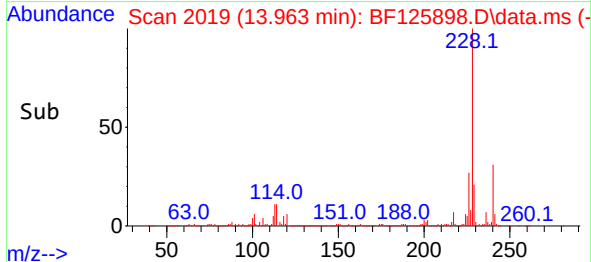
Instrument :
BNA_F
ClientSampleId :
R-LA-4/2-WC



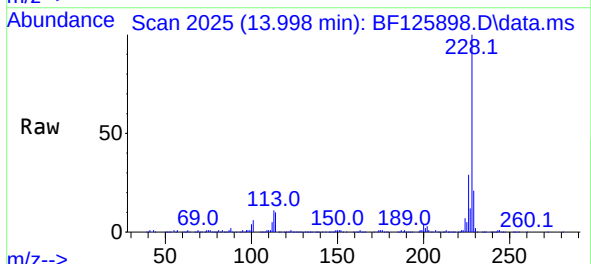
Tgt Ion:228 Resp: 311875
Ion Ratio Lower Upper
228 100
226 27.5 21.6 32.4
229 20.8 15.6 23.4

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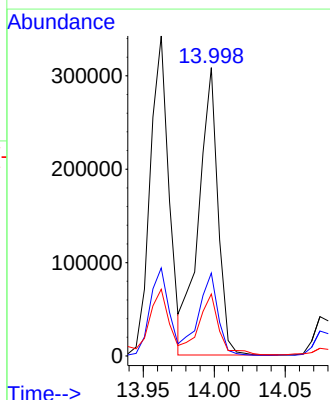
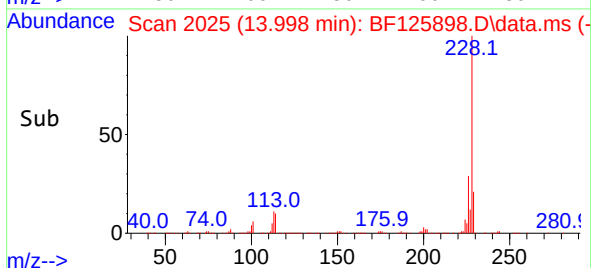
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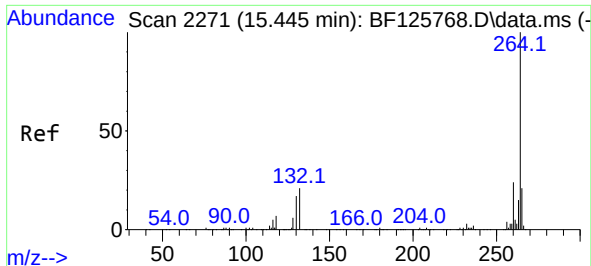


#83
Chrysene
Concen: 12.21 ng
RT: 13.998 min Scan# 2025
Delta R.T. -0.006 min
Lab File: BF125898.D
Acq: 19 Oct 2021 14:11

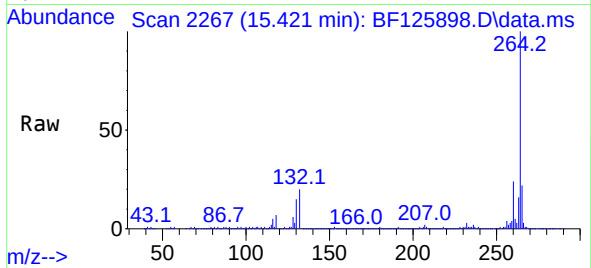


Tgt Ion:228 Resp: 290743
Ion Ratio Lower Upper
228 100
226 28.8 22.6 34.0
229 21.5 15.9 23.9

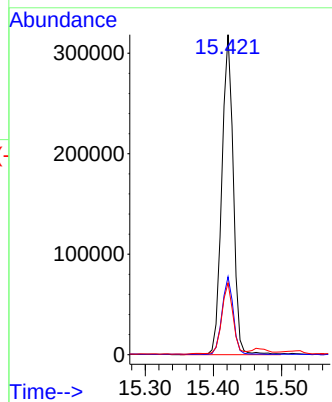
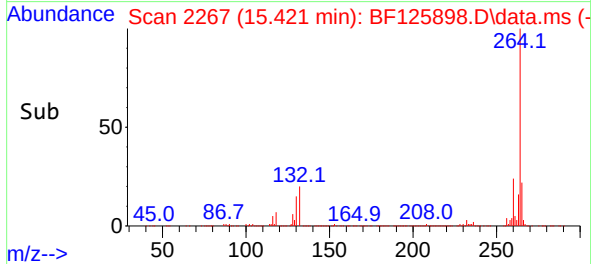




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.421 min Scan# 2267
Delta R.T. 0.000 min
Lab File: BF125898.D
Acq: 19 Oct 2021 14:11



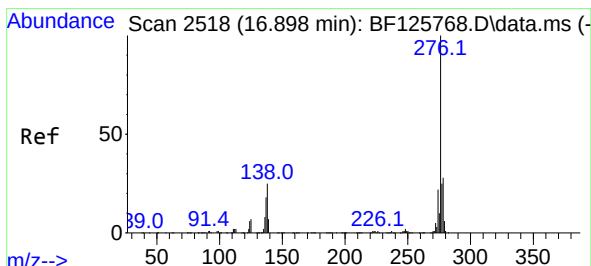
Tgt Ion:264 Resp: 374009
Ion Ratio Lower Upper
264 100
260 24.4 19.6 29.4
265 22.4 17.2 25.8



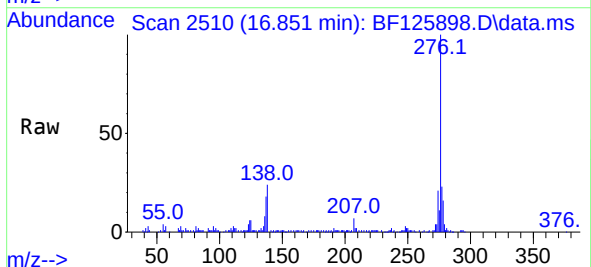
Instrument :
BNA_F
ClientSampleId :
R-LA-4/2-WC

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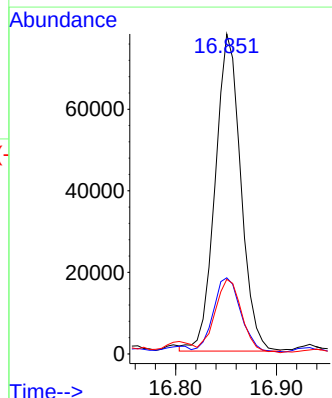
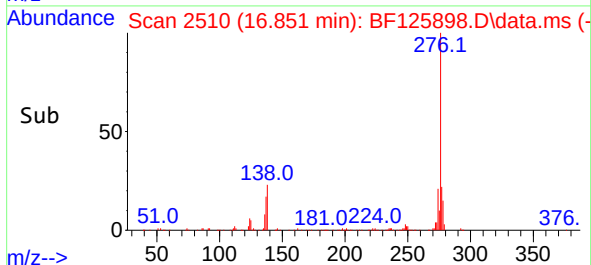
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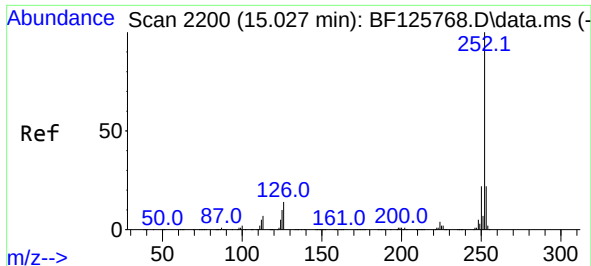


#87
Indeno(1,2,3-cd)pyrene
Concen: 4.81 ng m
RT: 16.851 min Scan# 2510
Delta R.T. -0.012 min
Lab File: BF125898.D
Acq: 19 Oct 2021 14:11



Tgt Ion:276 Resp: 137364
Ion Ratio Lower Upper
276 100
138 5.5 24.1 36.1#
277 4.7 18.8 28.2#





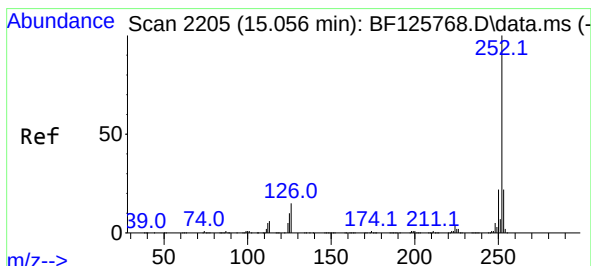
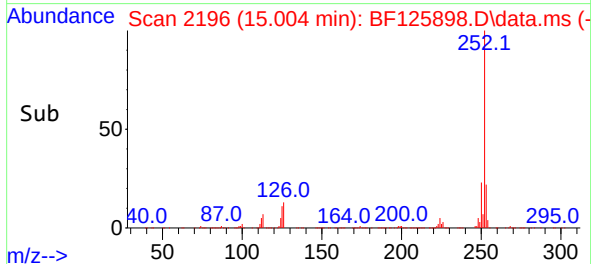
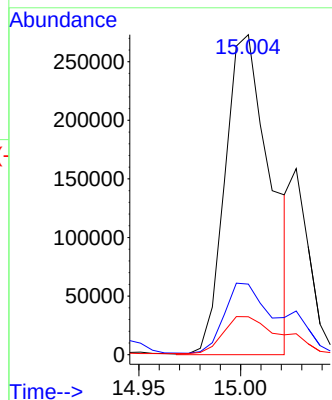
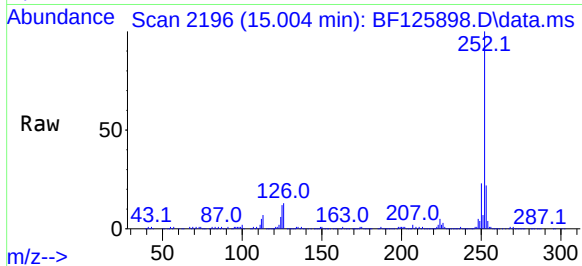
#88
Benzo(b)fluoranthene
Concen: 20.12 ng m
RT: 15.004 min Scan# 2196
Delta R.T. 0.000 min
Lab File: BF125898.D
Acq: 19 Oct 2021 14:11

Tgt Ion:252 Resp: 424898
Ion Ratio Lower Upper
252 100
253 22.1 16.8 25.2
125 11.9 9.8 14.8

Instrument :
BNA_F
ClientSampled :
R-LA-4/2-WC

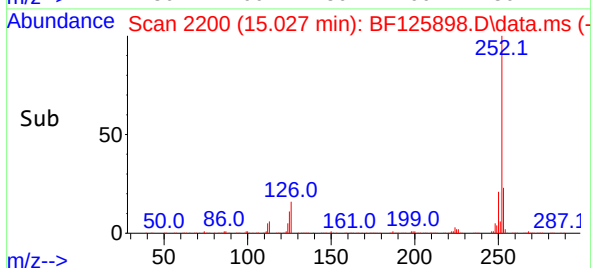
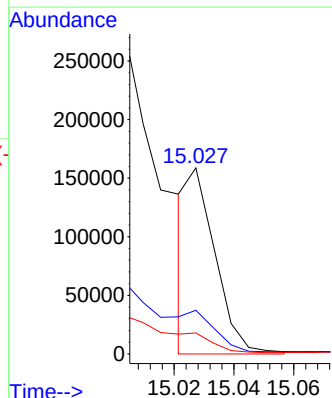
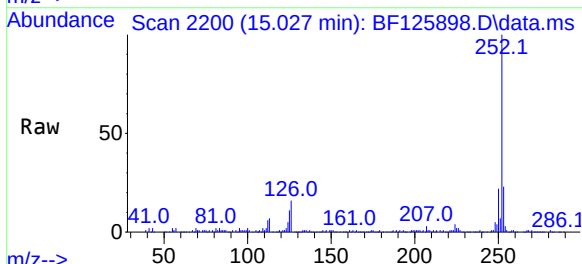
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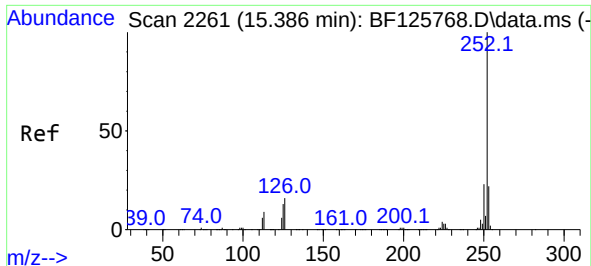
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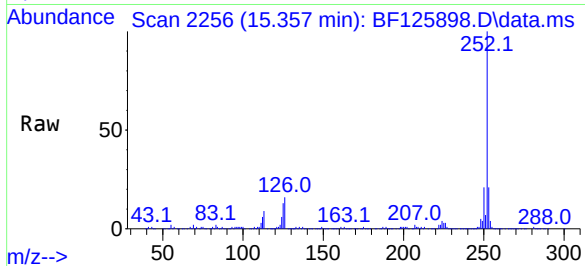
#89
Benzo(k)fluoranthene
Concen: 4.68 ng m
RT: 15.027 min Scan# 2200
Delta R.T. 0.000 min
Lab File: BF125898.D
Acq: 19 Oct 2021 14:11

Tgt Ion:252 Resp: 101561
Ion Ratio Lower Upper
252 100
253 23.5 17.8 26.8
125 11.3 7.2 10.8#

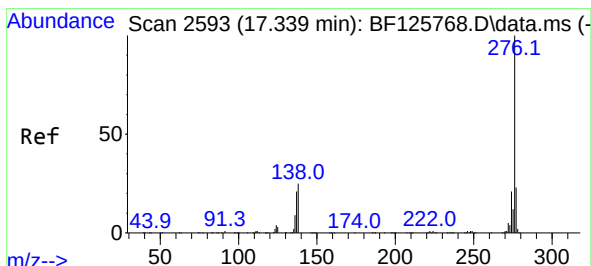
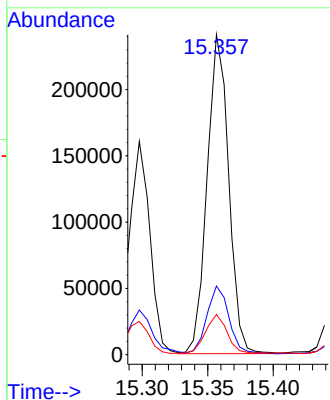
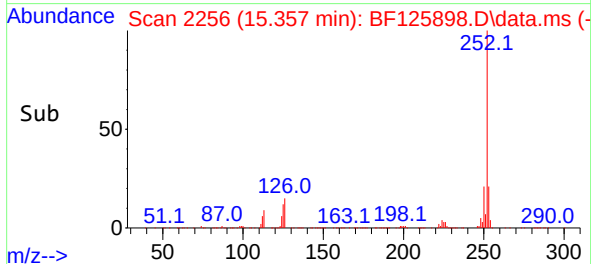




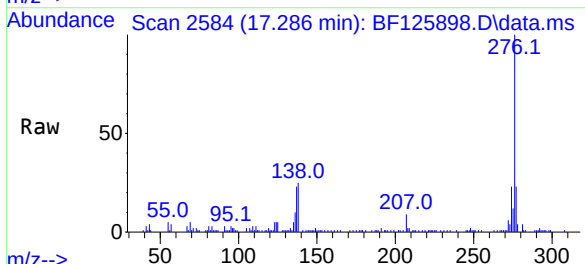
#90
Benzo(a)pyrene
Concen: 14.75 ng
RT: 15.357 min Scan# 2256
Delta R.T. -0.006 min
Lab File: BF125898.D
Acq: 19 Oct 2021 14:11



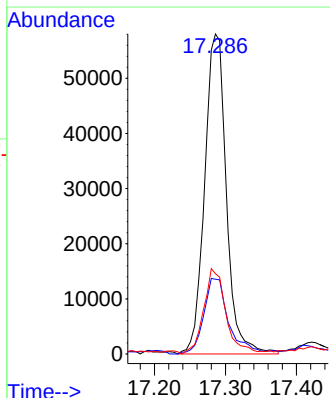
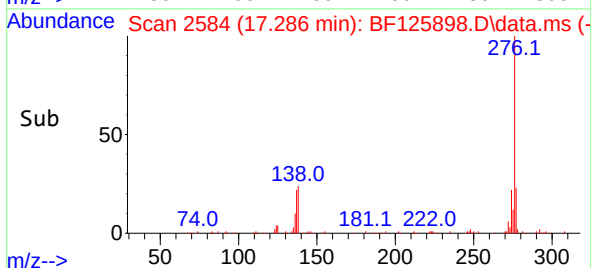
Tgt Ion: 252 Resp: 275855
Ion Ratio Lower Upper
252 100
253 21.4 18.4 27.6
125 12.5 9.9 14.9



#92
Benzo(g,h,i)perylene
Concen: 5.14 ng
RT: 17.286 min Scan# 2584
Delta R.T. -0.012 min
Lab File: BF125898.D
Acq: 19 Oct 2021 14:11



Tgt Ion: 276 Resp: 123559
Ion Ratio Lower Upper
276 100
277 23.3 22.0 33.0
138 25.1 22.2 33.4



Instrument :
BNA_F
ClientSampled :
R-LA-4/2-WC

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