

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042922\
 Data File : BF128004.D
 Acq On : 29 Apr 2022 19:38
 Operator : CG\JU
 Sample : N2602-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 12-15-SB1-BK-PRISON

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 05/02/2022
 Supervised By : Jagrut Upadhyay 05/02/2022

Quant Time: May 02 00:58:26 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 28 05:13:03 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.922	152	103974	20.000	ng	-0.01
21) Naphthalene-d8	8.204	136	389752	20.000	ng	-0.01
39) Acenaphthene-d10	9.963	164	208858	20.000	ng	-0.01
64) Phenanthrene-d10	11.457	188	312781	20.000	ng	-0.01
76) Chrysene-d12	14.104	240	210692	20.000	ng	-0.01
86) Perylene-d12	15.615	264	187373	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.545	112	609892	93.430	ng	0.00
7) Phenol-d6	6.545	99	787805	93.008	ng	-0.02
23) Nitrobenzene-d5	7.487	82	563019	67.929	ng	-0.02
42) 2,4,6-Tribromophenol	10.757	330	172734	82.156	ng	-0.01
45) 2-Fluorobiphenyl	9.281	172	876636	71.007	ng	-0.01
79) Terphenyl-d14	13.045	244	641858	55.706	ng	-0.01
Target Compounds						Qvalue
71) Phenanthrene	11.480	178	226178	13.814	ng	99
72) Anthracene	11.533	178	49459	3.033	ng	99
75) Fluoranthene	12.674	202	405512	23.533	ng	97
78) Pyrene	12.904	202	386490	22.724	ng	98
81) Benzo(a)anthracene	14.092	228	216773	15.436	ng	97
83) Chrysene	14.127	228	191453	14.275	ng	97
87) Indeno(1,2,3-cd)pyrene	17.145	276	82897	6.628	ng	97
88) Benzo(b)fluoranthene	15.168	252	255145m	21.680	ng	
89) Benzo(k)fluoranthene	15.192	252	64952m	5.478	ng	
90) Benzo(a)pyrene	15.545	252	167046	17.112	ng	99
91) Dibenzo(a,h)anthracene	17.151	278	21837	2.177	ng	# 88
92) Benzo(g,h,i)perylene	17.609	276	77091	7.293	ng	97

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

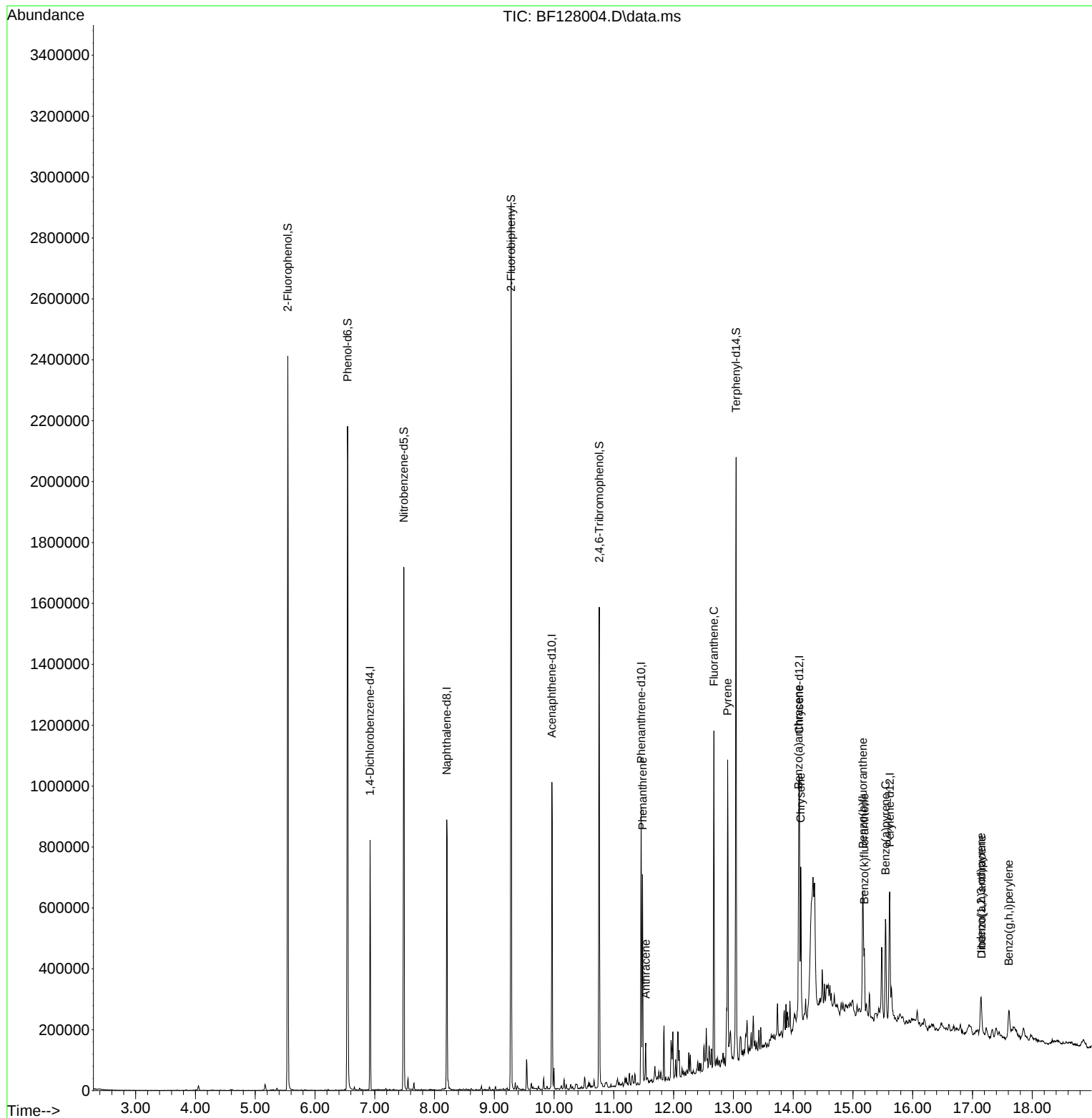
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042922\
Data File : BF128004.D
Acq On : 29 Apr 2022 19:38
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Sample : N2602-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

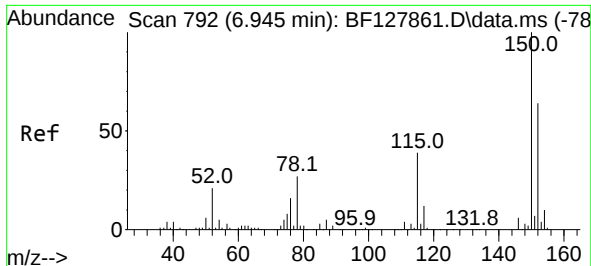
Instrument :
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Quant Time: May 02 00:58:26 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042222.M
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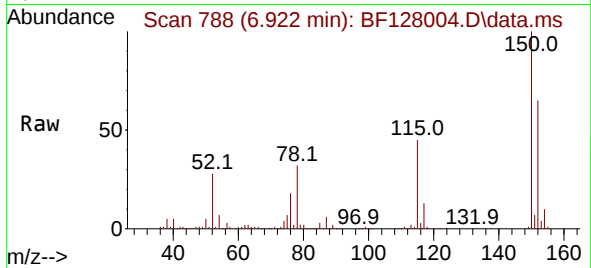
Reviewed By :Christian Giraldo 05/02/2022
Supervised By :Jagrut Upadhyay 05/02/2022





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.922 min Scan# 792
Delta R.T. -0.012 min
Lab File: BF128004.D
Acq: 29 Apr 2022 19:38

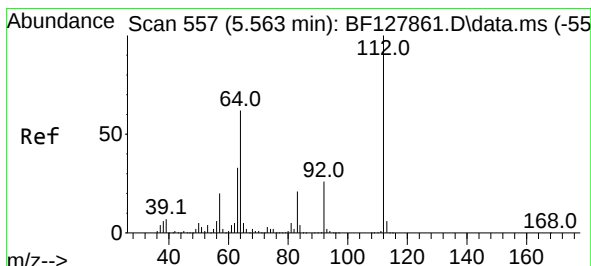
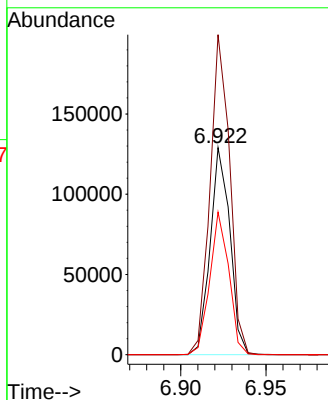
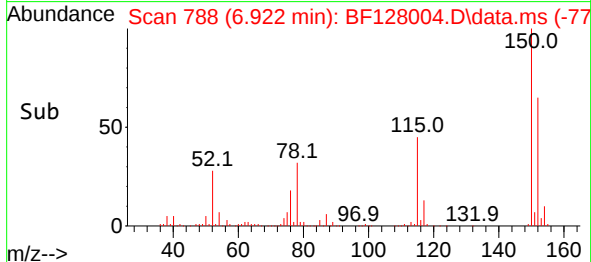
Instrument :
BNA_F
ClientSampleId :
12-15-SB1-BK-PRISON



Tgt Ion:152 Resp: 103974
Ion Ratio Lower Upper
152 100
150 154.5 125.3 187.9
115 68.9 48.8 73.2

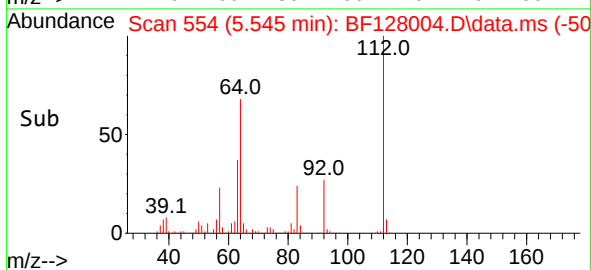
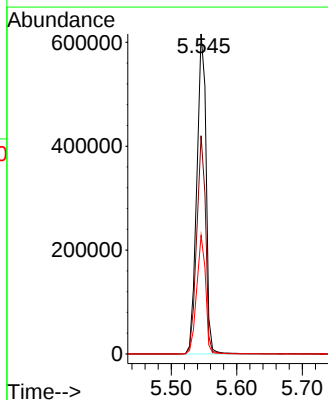
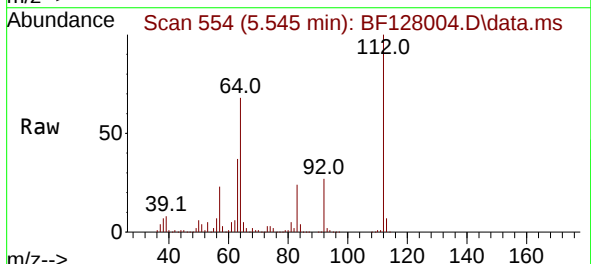
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#5
2-Fluorophenol
Concen: 93.430 ng
RT: 5.545 min Scan# 554
Delta R.T. -0.006 min
Lab File: BF128004.D
Acq: 29 Apr 2022 19:38

Tgt Ion:112 Resp: 609892
Ion Ratio Lower Upper
112 100
64 68.2 49.5 74.3
63 37.1 26.3 39.5





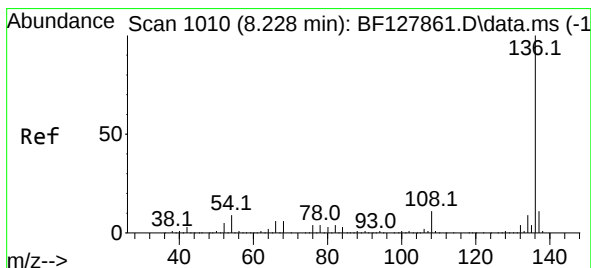
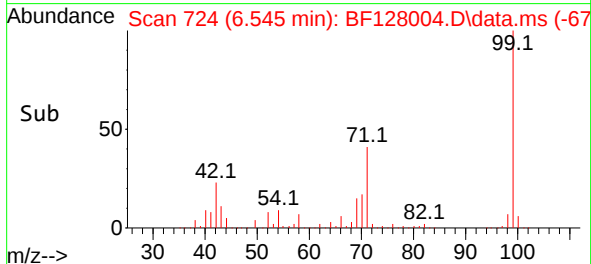
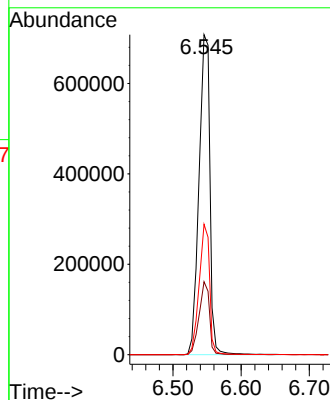
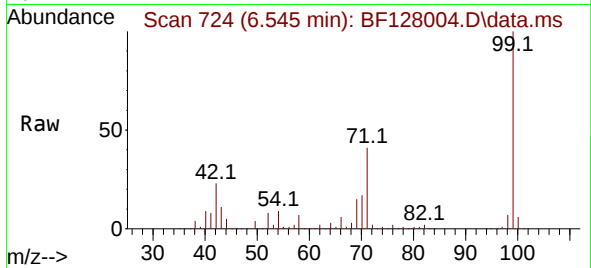
#7
Phenol-d6
Concen: 93.008 ng
RT: 6.545 min Scan# 71
Delta R.T. -0.018 min
Lab File: BF128004.D
Acq: 29 Apr 2022 19:38

Instrument :
BNA_F
ClientSampleId :
12-15-SB1-BK-PRISON

Tgt Ion: 99 Resp: 78780
Ion Ratio Lower Upper
99 100
42 22.8 16.6 24.8
71 40.7 30.0 45.0

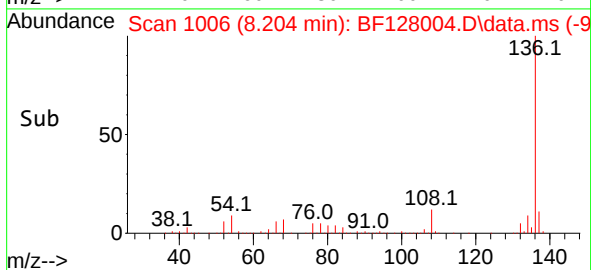
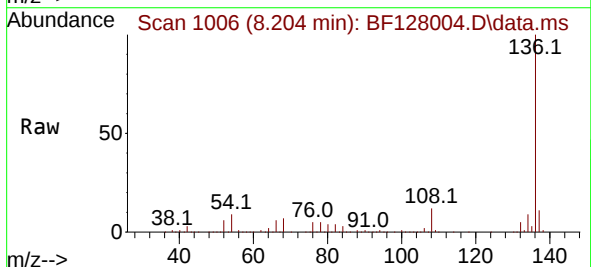
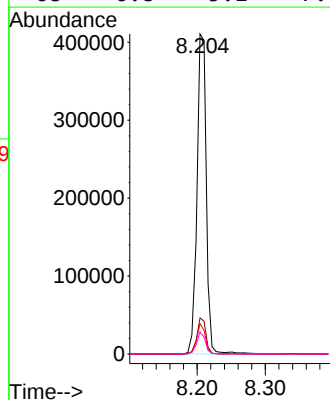
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#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.204 min Scan# 1006
Delta R.T. -0.012 min
Lab File: BF128004.D
Acq: 29 Apr 2022 19:38

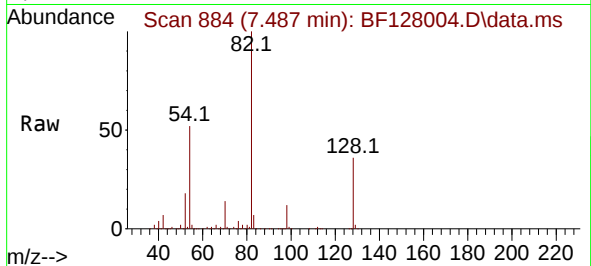
Tgt Ion:136 Resp: 389752
Ion Ratio Lower Upper
136 100
137 11.3 8.6 13.0
54 9.5 6.8 10.2
68 6.8 5.1 7.7





#23
Nitrobenzene-d5
Concen: 67.929 ng
RT: 7.487 min Scan# 80
Delta R.T. -0.018 min
Lab File: BF128004.D
Acq: 29 Apr 2022 19:38

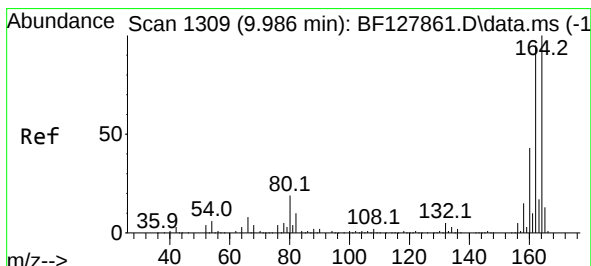
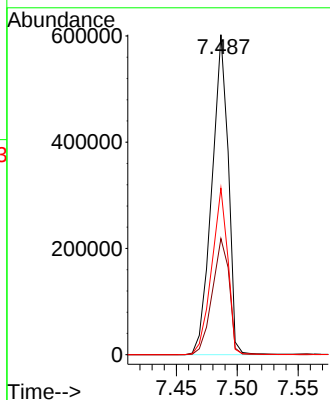
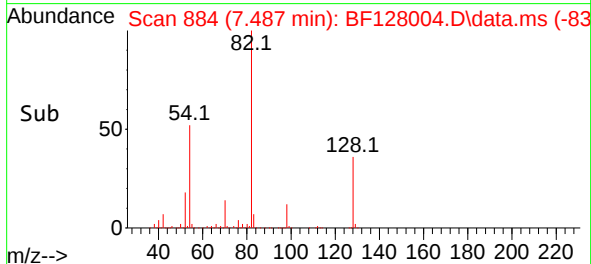
Instrument :
BNA_F
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12-15-SB1-BK-PRISON



Tgt Ion: 82 Resp: 563019
Ion Ratio Lower Upper
82 100
128 36.3 30.0 45.0
54 52.1 41.3 61.9

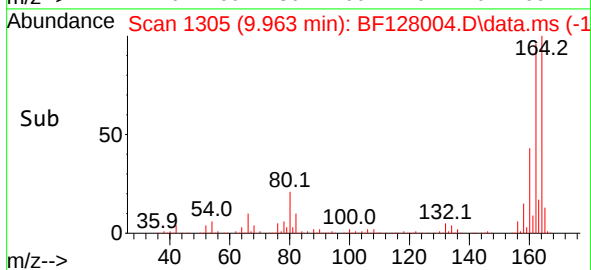
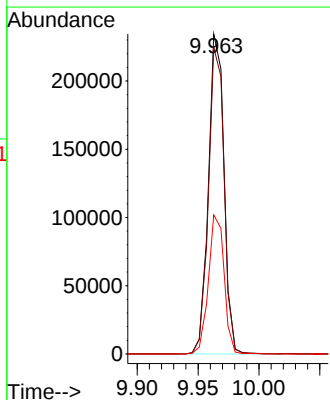
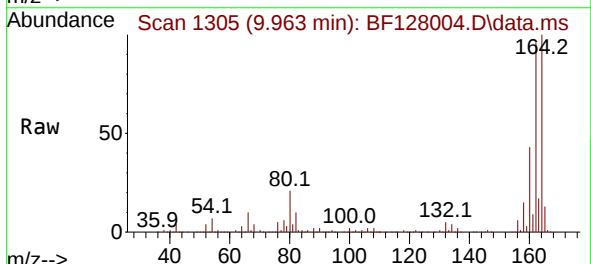
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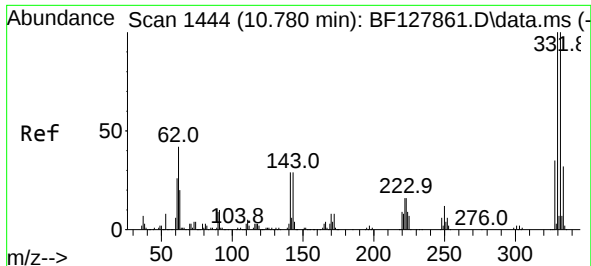
Reviewed By :Christian Giraldo 05/02/2022
Supervised By :Jagrut Upadhyay 05/02/2022



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.963 min Scan# 1305
Delta R.T. -0.012 min
Lab File: BF128004.D
Acq: 29 Apr 2022 19:38

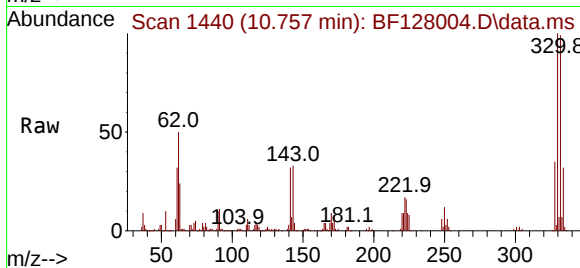
Tgt Ion:164 Resp: 208858
Ion Ratio Lower Upper
164 100
162 95.8 76.0 114.0
160 43.5 34.8 52.2





#42
2,4,6-Tribromophenol
Concen: 82.156 ng
RT: 10.757 min Scan# 1444
Delta R.T. -0.012 min
Lab File: BF128004.D
Acq: 29 Apr 2022 19:38

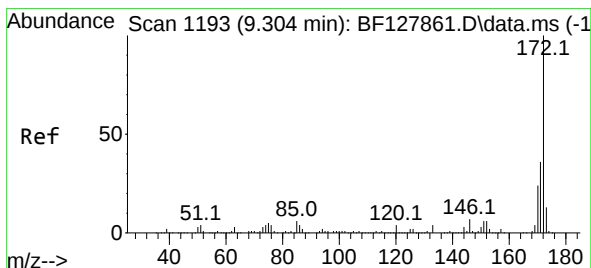
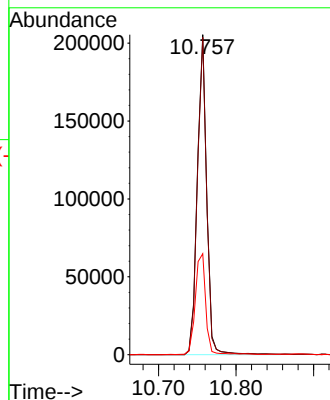
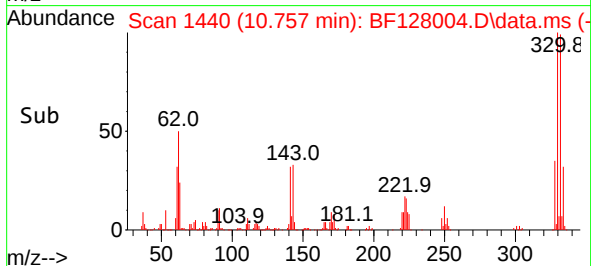
Instrument :
BNA_F
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12-15-SB1-BK-PRISON



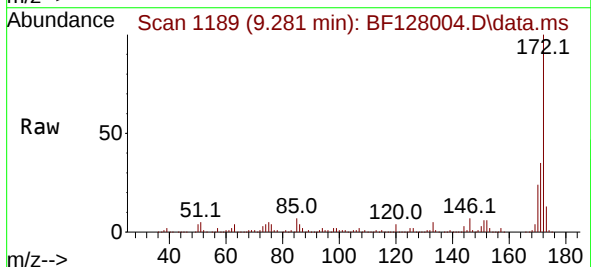
Tgt Ion: 330 Resp: 172734
Ion Ratio Lower Upper
330 100
332 98.2 79.0 118.4
141 35.6 28.9 43.3

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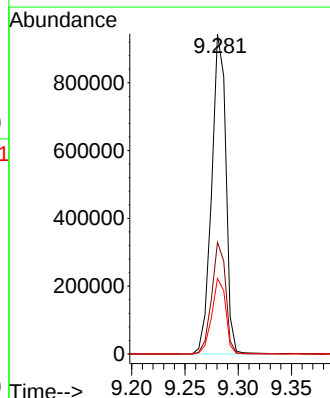
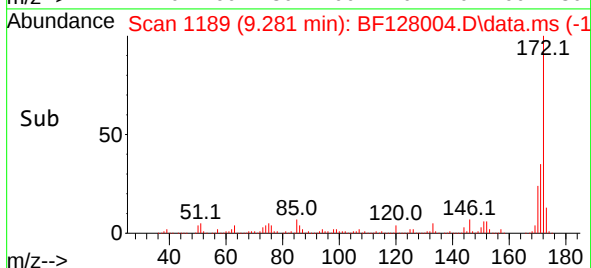
Reviewed By : Christian Giraldo 05/02/2022
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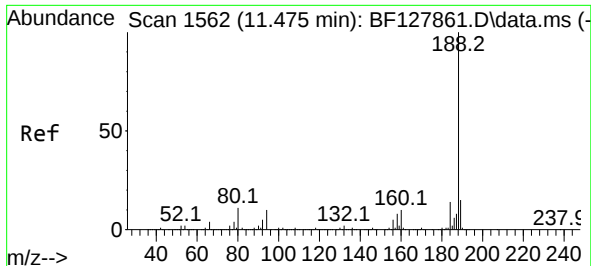


#45
2-Fluorobiphenyl
Concen: 71.007 ng
RT: 9.281 min Scan# 1189
Delta R.T. -0.012 min
Lab File: BF128004.D
Acq: 29 Apr 2022 19:38



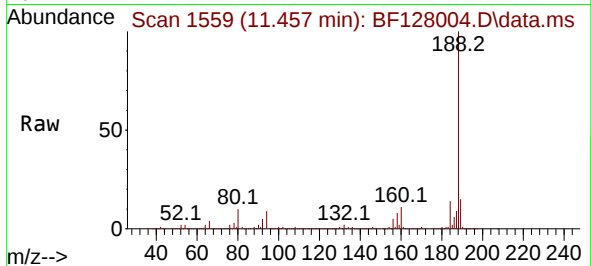
Tgt Ion: 172 Resp: 876636
Ion Ratio Lower Upper
172 100
171 34.9 28.6 42.8
170 23.6 19.1 28.7





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.457 min Scan# 1559
Delta R.T. -0.012 min
Lab File: BF128004.D
Acq: 29 Apr 2022 19:38

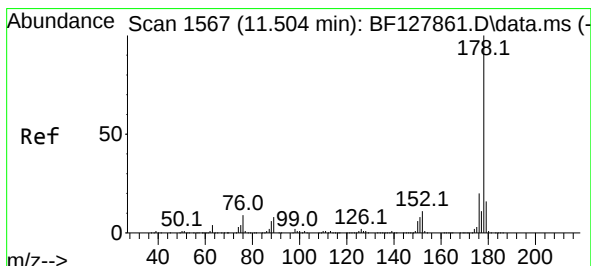
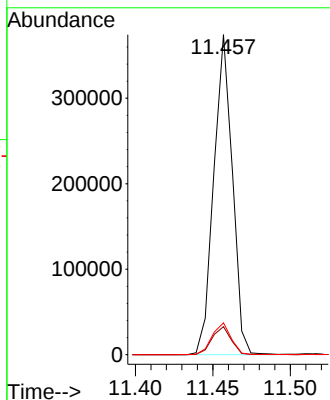
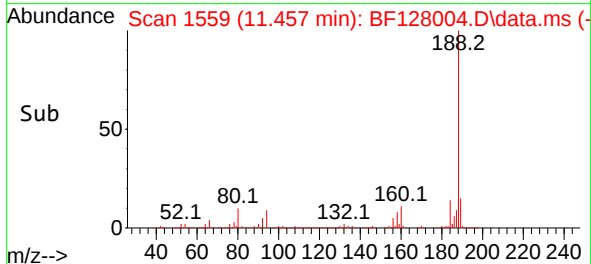
Instrument :
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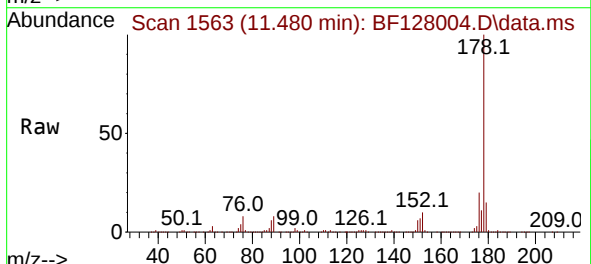
Tgt Ion:188 Resp: 31278
Ion Ratio Lower Upper
188 100
94 8.7 8.0 12.0
80 9.9 8.9 13.3

Manual Integrations
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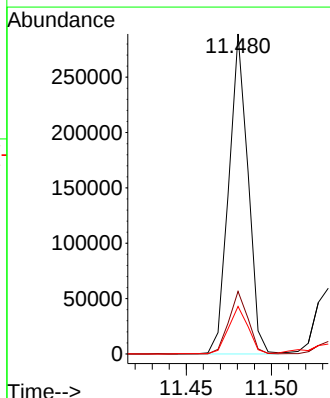
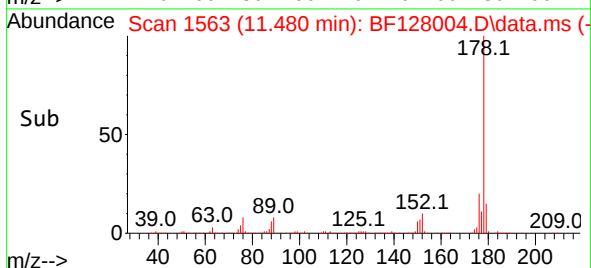
Reviewed By :Christian Giraldo 05/02/2022
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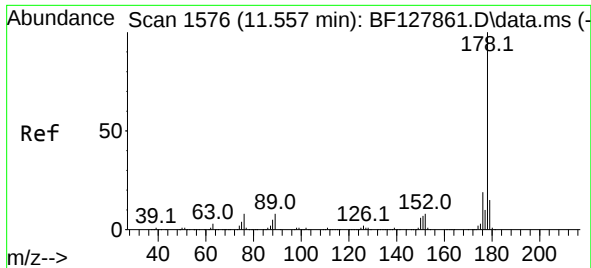


#71
Phenanthrene
Concen: 13.814 ng
RT: 11.480 min Scan# 1563
Delta R.T. -0.012 min
Lab File: BF128004.D
Acq: 29 Apr 2022 19:38



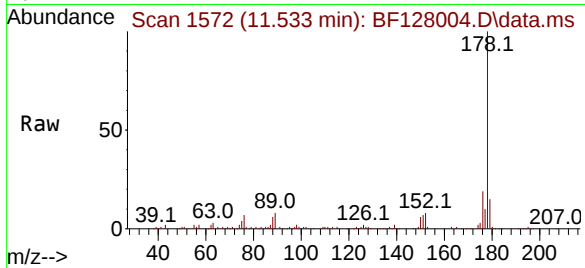
Tgt Ion:178 Resp: 226178
Ion Ratio Lower Upper
178 100
176 19.6 15.7 23.5
179 14.8 12.6 19.0





#72
 Anthracene
 Concen: 3.033 ng
 RT: 11.533 min Scan# 11533
 Delta R.T. -0.012 min
 Lab File: BF128004.D
 Acq: 29 Apr 2022 19:38

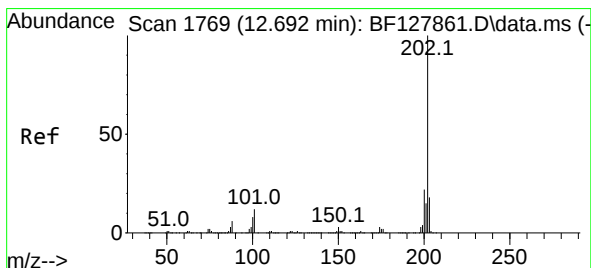
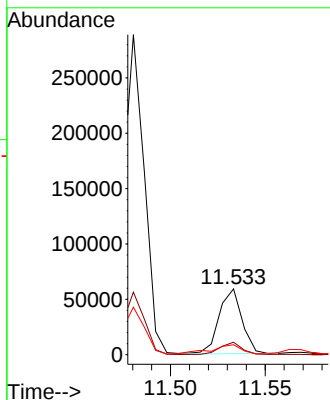
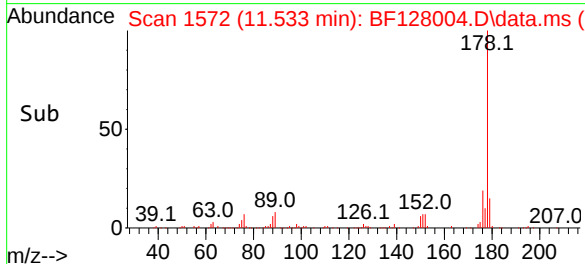
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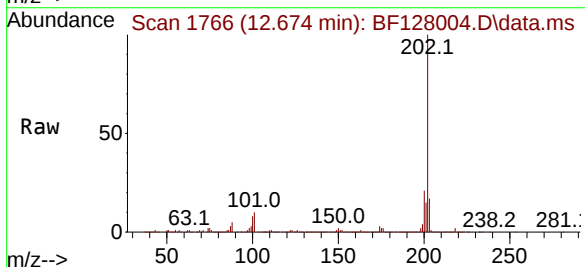
Tgt Ion:178 Resp: 49458
 Ion Ratio Lower Upper
 178 100
 176 19.0 15.0 22.6
 179 15.1 12.4 18.6

Manual Integrations
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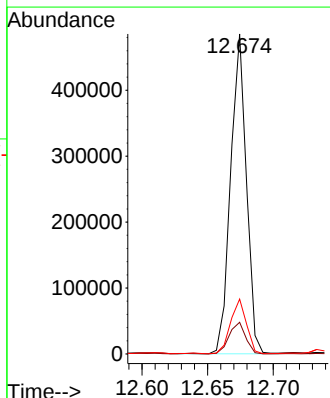
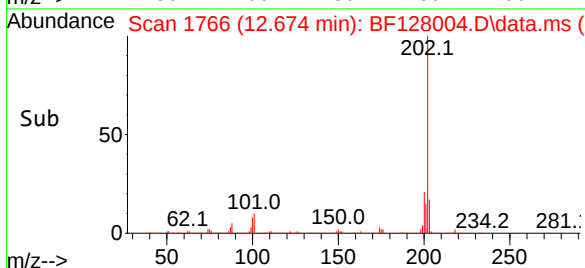
Reviewed By :Christian Giraldo 05/02/2022
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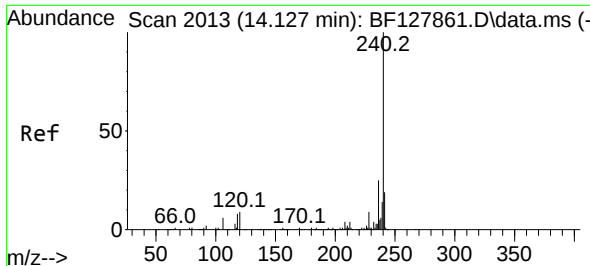


#75
 Fluoranthene
 Concen: 23.533 ng
 RT: 12.674 min Scan# 1766
 Delta R.T. -0.012 min
 Lab File: BF128004.D
 Acq: 29 Apr 2022 19:38



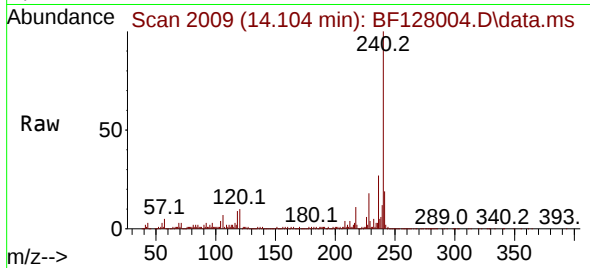
Tgt Ion:202 Resp: 405512
 Ion Ratio Lower Upper
 202 100
 101 9.9 0.0 31.6
 203 17.2 0.0 38.1





#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.104 min Scan# 2013
Delta R.T. -0.012 min
Lab File: BF128004.D
Acq: 29 Apr 2022 19:38

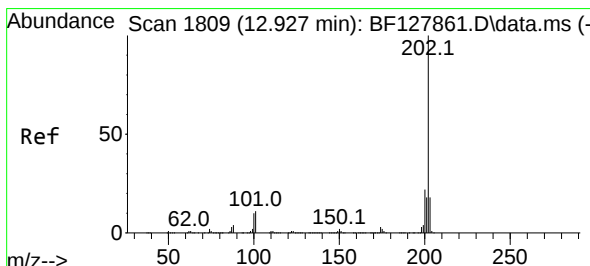
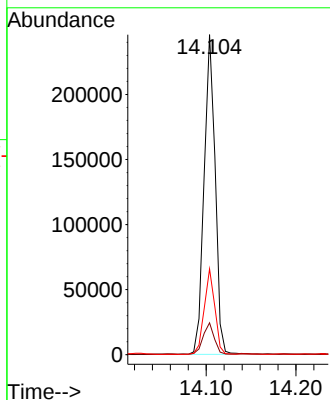
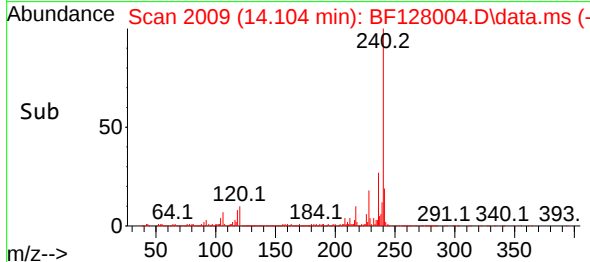
Instrument :
BNA_F
ClientSampleId :
12-15-SB1-BK-PRISON



Tgt Ion:240 Resp: 210692
Ion Ratio Lower Upper
240 100
120 9.9 7.0 10.6
236 26.8 20.3 30.5

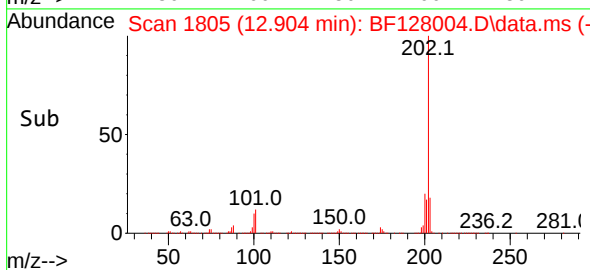
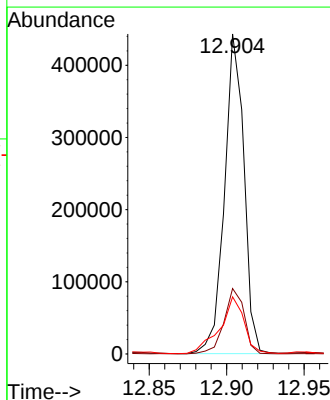
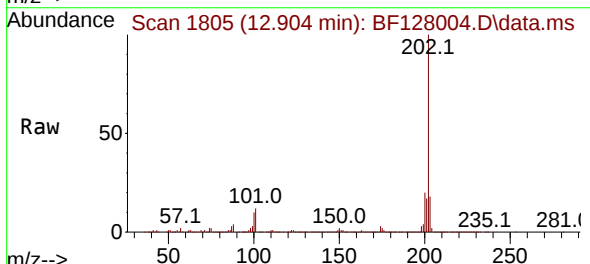
Manual Integrations
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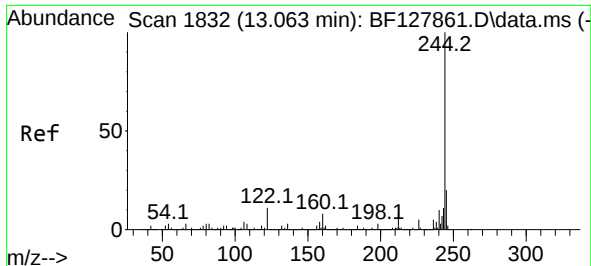
Reviewed By :Christian Giraldo 05/02/2022
Supervised By :Jagrut Upadhyay 05/02/2022



#78
Pyrene
Concen: 22.724 ng
RT: 12.904 min Scan# 1805
Delta R.T. -0.012 min
Lab File: BF128004.D
Acq: 29 Apr 2022 19:38

Tgt Ion:202 Resp: 386490
Ion Ratio Lower Upper
202 100
200 20.5 17.4 26.2
203 17.9 14.0 21.0





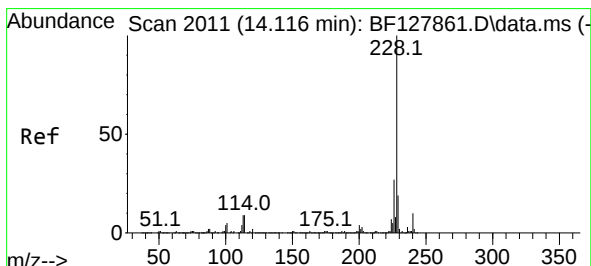
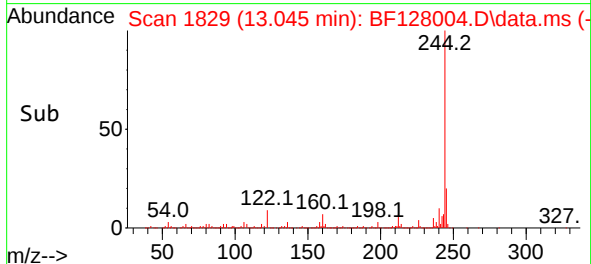
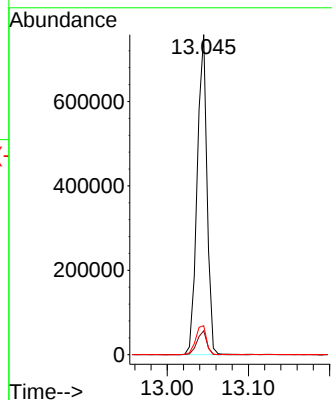
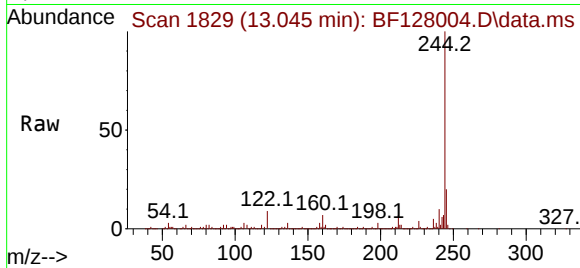
#79
 Terphenyl-d14
 Concen: 55.706 ng
 RT: 13.045 min Scan# 11
 Delta R.T. -0.012 min
 Lab File: BF128004.D
 Acq: 29 Apr 2022 19:38

Instrument :
 BNA_F
 ClientSampleId :
 12-15-SB1-BK-PRISON

Tgt Ion:244 Resp: 641858
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.2 9.4
 122 9.1 8.6 12.8

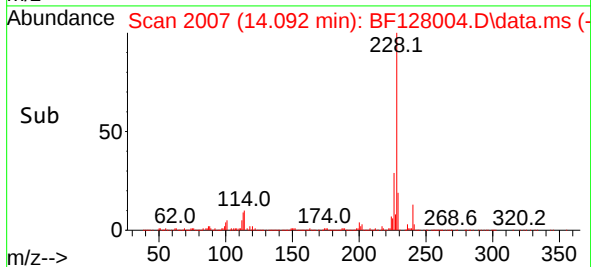
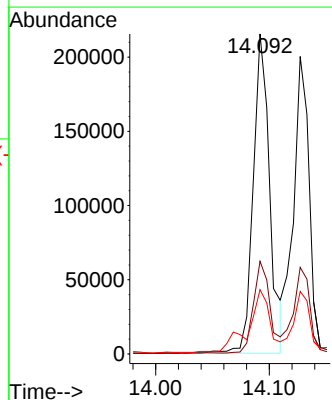
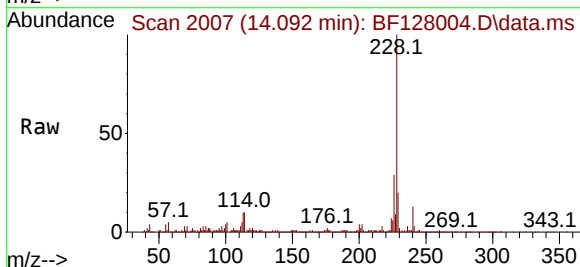
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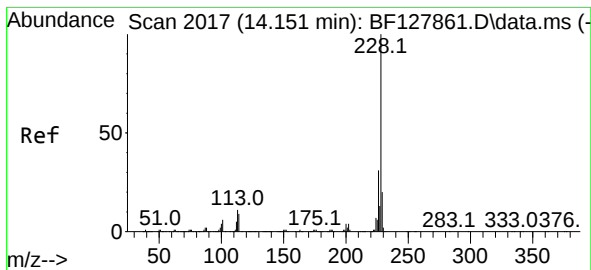
Reviewed By :Christian Giraldo 05/02/2022
 Supervised By :Jagrut Upadhyay 05/02/2022



#81
 Benzo(a)anthracene
 Concen: 15.436 ng
 RT: 14.092 min Scan# 2007
 Delta R.T. -0.012 min
 Lab File: BF128004.D
 Acq: 29 Apr 2022 19:38

Tgt Ion:228 Resp: 216773
 Ion Ratio Lower Upper
 228 100
 226 29.0 21.7 32.5
 229 20.1 15.4 23.2





#83

Chrysene

Concen: 14.275 ng

RT: 14.127 min Scan# 2017

Delta R.T. -0.012 min

Lab File: BF128004.D

Acq: 29 Apr 2022 19:38

Instrument :

BNA_F

ClientSampleId :

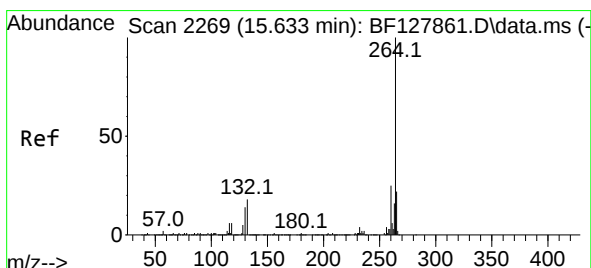
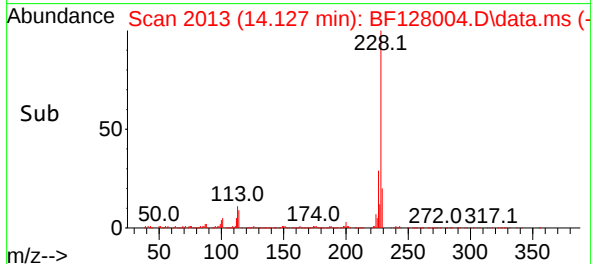
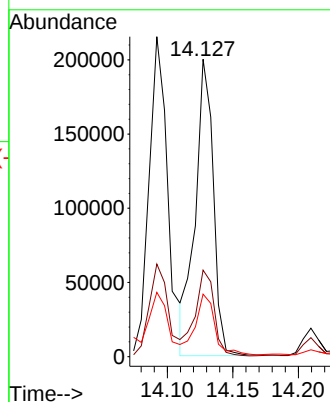
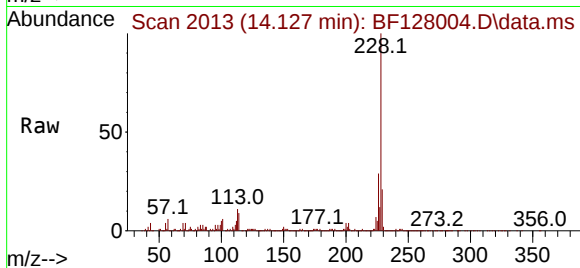
12-15-SB1-BK-PRISON

Tgt Ion:228	Resp: 19145
Ion Ratio	Lower Upper
228 100	
226 29.1	24.4 36.6
229 21.1	15.8 23.8

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Reviewed By :Christian Giraldo 05/02/2022
Supervised By :Jagrut Upadhyay 05/02/2022



#86

Perylene-d12

Concen: 20.000 ng

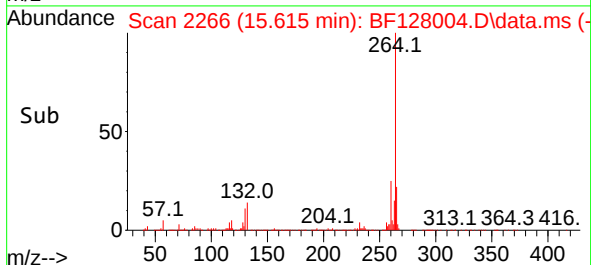
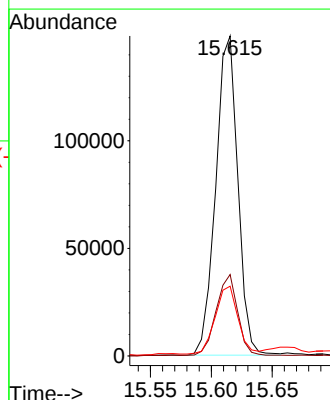
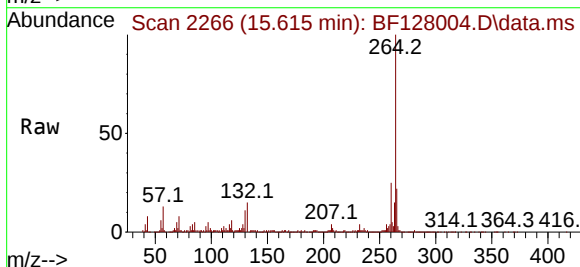
RT: 15.615 min Scan# 2266

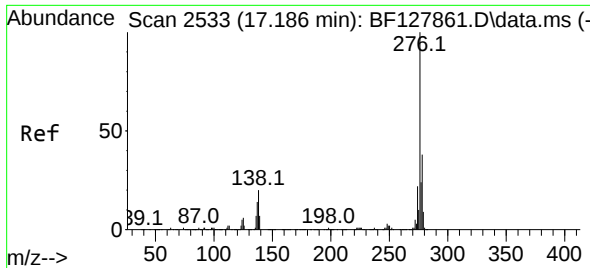
Delta R.T. -0.006 min

Lab File: BF128004.D

Acq: 29 Apr 2022 19:38

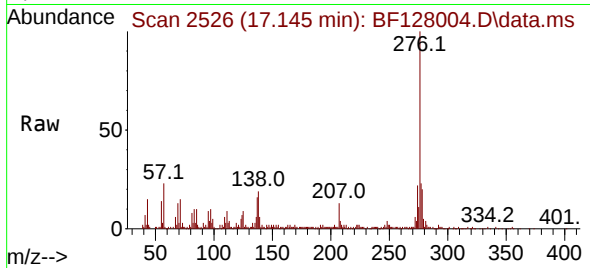
Tgt Ion:264	Resp: 187373
Ion Ratio	Lower Upper
264 100	
260 25.5	20.1 30.1
265 21.8	17.5 26.3





#87
Indeno(1,2,3-cd)pyrene
Concen: 6.628 ng
RT: 17.145 min Scan# 2190
Delta R.T. -0.023 min
Lab File: BF128004.D
Acq: 29 Apr 2022 19:38

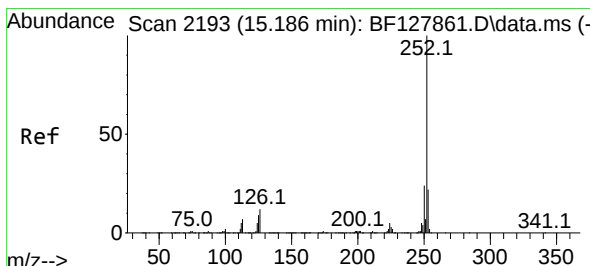
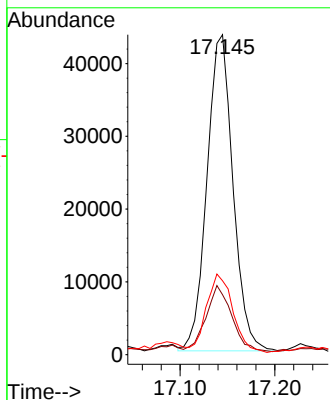
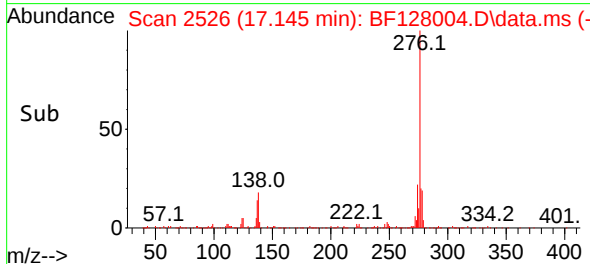
Instrument :
BNA_F
ClientSampleId :
12-15-SB1-BK-PRISON



Tgt Ion: 276 Resp: 8289
Ion Ratio Lower Upper
276 100
138 20.8 19.0 28.4
277 25.1 20.1 30.1

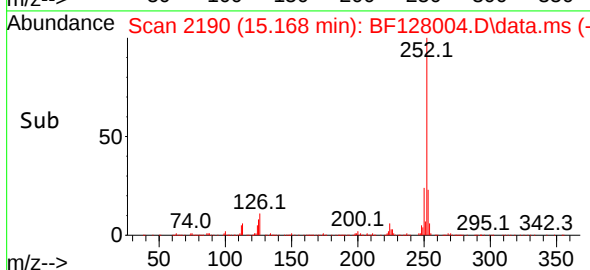
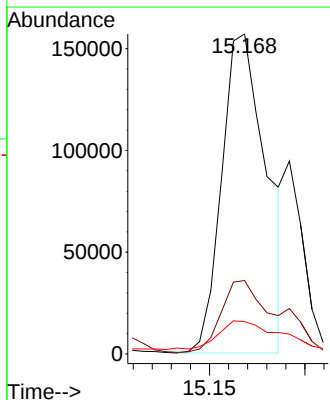
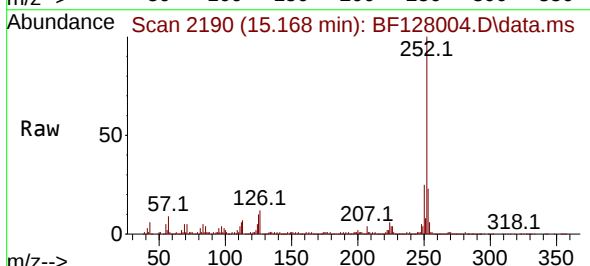
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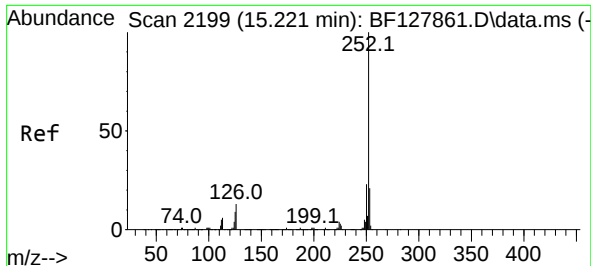
Reviewed By : Christian Giraldo 05/02/2022
Supervised By : Jagrut Upadhyay 05/02/2022



#88
Benzo(b)fluoranthene
Concen: 21.680 ng m
RT: 15.168 min Scan# 2190
Delta R.T. -0.006 min
Lab File: BF128004.D
Acq: 29 Apr 2022 19:38

Tgt Ion: 252 Resp: 255145
Ion Ratio Lower Upper
252 100
253 23.0 17.4 26.2
125 10.1 7.4 11.2





#89

Benzo(k)fluoranthene

Concen: 5.478 ng m

RT: 15.192 min Scan# 2199

Delta R.T. -0.018 min

Lab File: BF128004.D

Acq: 29 Apr 2022 19:38

Instrument :

BNA_F

ClientSampleId :

12-15-SB1-BK-PRISON

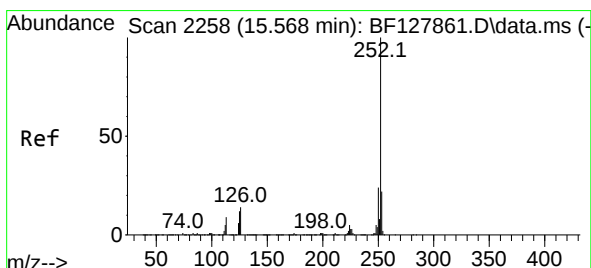
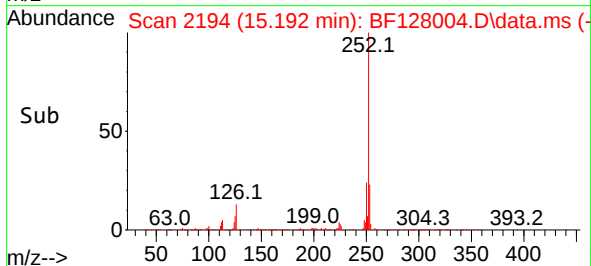
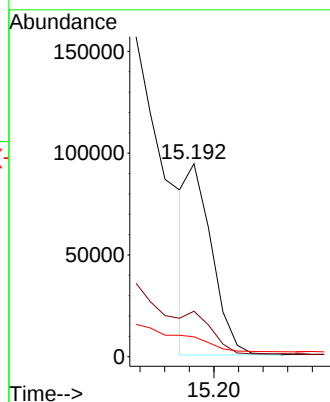
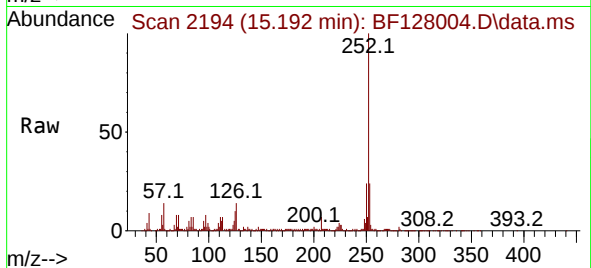
Tgt Ion:252	Resp:	64952
Ion Ratio	Lower	Upper
252	100	
253	23.5	17.0 25.4
125	10.3	6.8 10.2

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Reviewed By :Christian Giraldo 05/02/2022

Supervised By :Jagrut Upadhyay 05/02/2022



#90

Benzo(a)pyrene

Concen: 17.112 ng

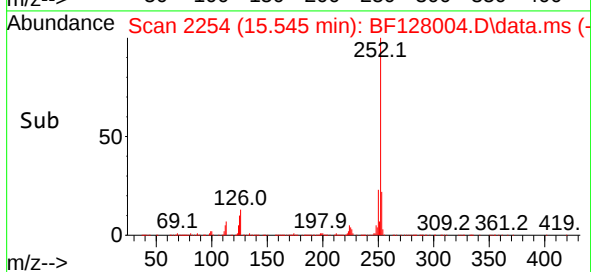
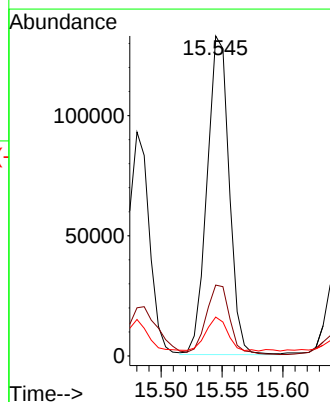
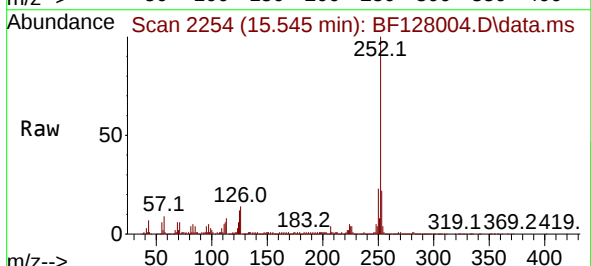
RT: 15.545 min Scan# 2254

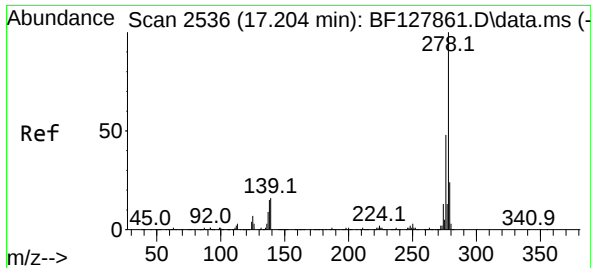
Delta R.T. -0.012 min

Lab File: BF128004.D

Acq: 29 Apr 2022 19:38

Tgt Ion:252	Resp:	167046
Ion Ratio	Lower	Upper
252	100	
253	22.1	17.8 26.6
125	12.2	9.2 13.8





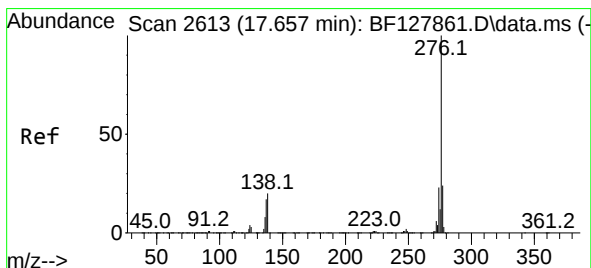
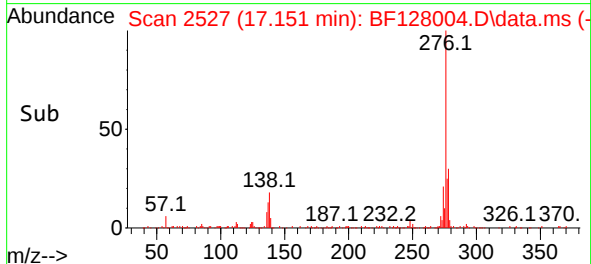
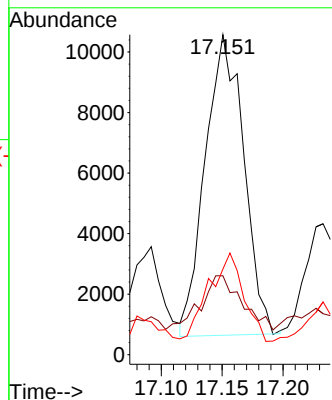
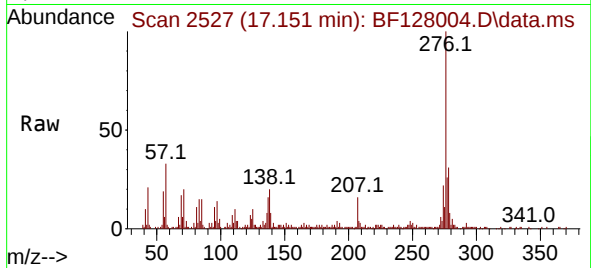
#91
Dibenzo(a,h)anthracene
Concen: 2.177 ng
RT: 17.151 min Scan# 2183
Delta R.T. -0.035 min
Lab File: BF128004.D
Acq: 29 Apr 2022 19:38

Instrument :
BNA_F
ClientSampleId :
12-15-SB1-BK-PRISON

Tgt Ion: 278 Resp: 2183
Ion Ratio Lower Upper
278 100
139 24.6 12.6 19.0
279 26.7 18.9 28.3

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Supervised By : Jagrut Upadhyay 05/02/2022



#92
Benzo(g,h,i)perylene
Concen: 7.293 ng
RT: 17.609 min Scan# 2605
Delta R.T. -0.029 min
Lab File: BF128004.D
Acq: 29 Apr 2022 19:38

Tgt Ion: 276 Resp: 77091
Ion Ratio Lower Upper
276 100
277 26.1 18.8 28.2
138 20.1 16.2 24.2

