

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080222\
 Data File : BF129508.D
 Acq On : 02 Aug 2022 15:15
 Operator : CG\JU
 Sample : N3995-03
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMP-3

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 08/03/2022
 Supervised By : Jagrut Upadhyay 08/03/2022

Quant Time: Aug 02 17:38:48 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 02 01:11:25 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	165041	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	654163	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	330499	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	490375	20.000	ng	0.00
76) Chrysene-d12	14.051	240	321896	20.000	ng	0.00
86) Perylene-d12	15.533	264	378977	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	1174902	115.966	ng	0.01
7) Phenol-d6	6.522	99	1479919	116.212	ng	0.00
23) Nitrobenzene-d5	7.440	82	944796	78.841	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	348654	109.726	ng	0.00
45) 2-Fluorobiphenyl	9.234	172	1646912	77.086	ng	0.00
79) Terphenyl-d14	12.986	244	1226323	71.873	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	11.428	178	537216	20.069	ng	99
72) Anthracene	11.480	178	126989	4.827	ng	97
75) Fluoranthene	12.622	202	586294	21.617	ng	99
78) Pyrene	12.851	202	500512	18.594	ng	98
81) Benzo(a)anthracene	14.039	228	254920	11.593	ng	99
83) Chrysene	14.074	228	230933	11.144	ng	98
87) Indeno(1,2,3-cd)pyrene	17.033	276	140633	5.511	ng	95
88) Benzo(b)fluoranthene	15.098	252	310281m	12.343	ng	
89) Benzo(k)fluoranthene	15.121	252	95910m	3.893	ng	
90) Benzo(a)pyrene	15.468	252	231446	11.342	ng	97
92) Benzo(g,h,i)perylene	17.492	276	129688	6.110	ng	99

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

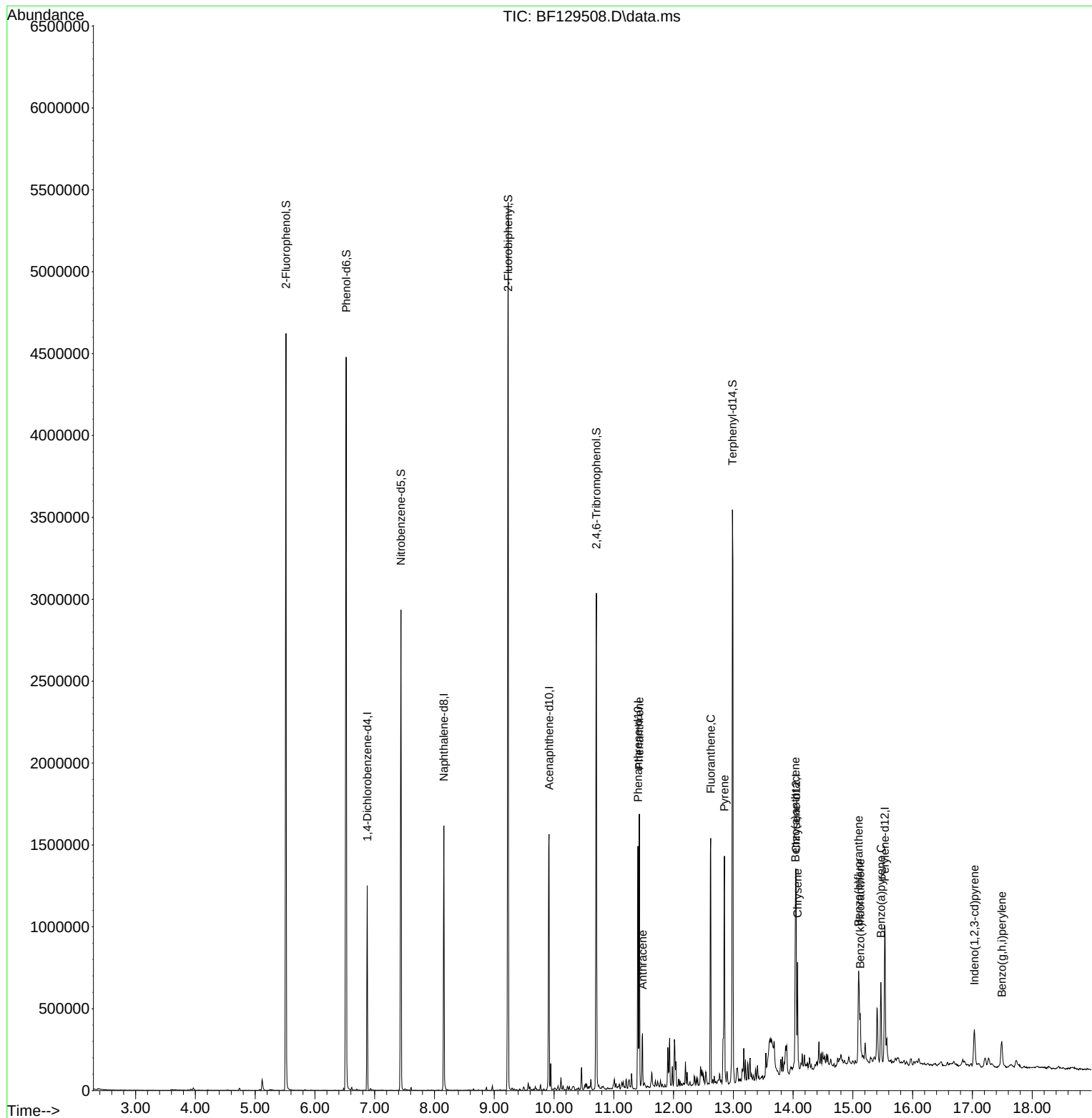
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080222\
Data File : BF129508.D
Acq On : 02 Aug 2022 15:15
Operator : CG\JU
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Misc :
ALS Vial : 12 Sample Multiplier: 1

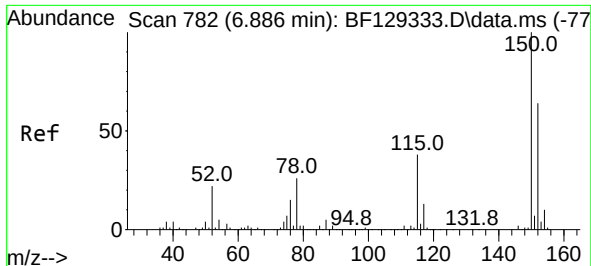
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Quant Time: Aug 02 17:38:48 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 02 01:11:25 2022
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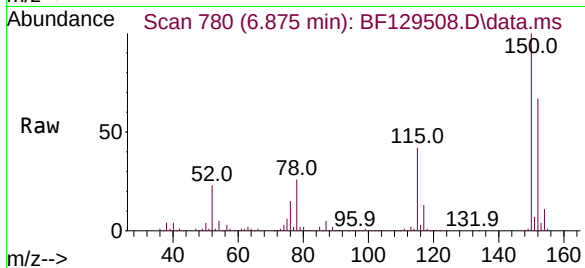
Reviewed By :Christian Giraldo 08/03/2022
Supervised By :Jagrut Upadhyay 08/03/2022





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 782
Delta R.T. -0.000 min
Lab File: BF129508.D
Acq: 02 Aug 2022 15:15

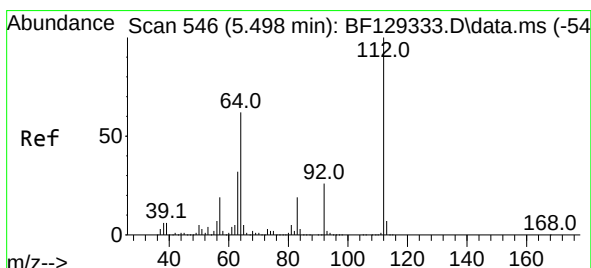
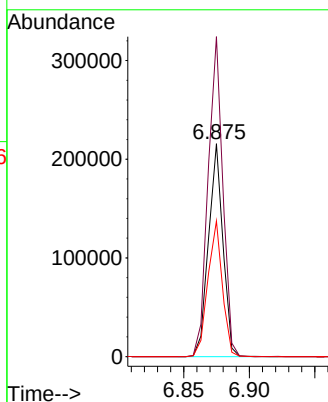
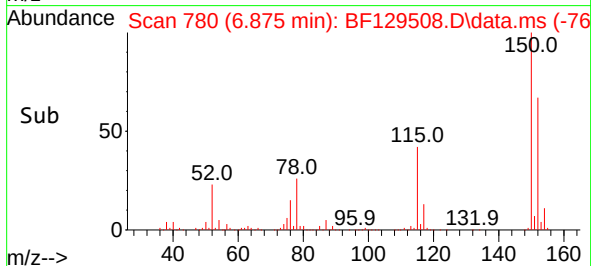
Instrument :
BNA_F
ClientSampleId :
COMP-3



Tgt Ion:152 Resp: 165041
Ion Ratio Lower Upper
152 100
150 150.3 123.7 185.5
115 63.7 49.9 74.9

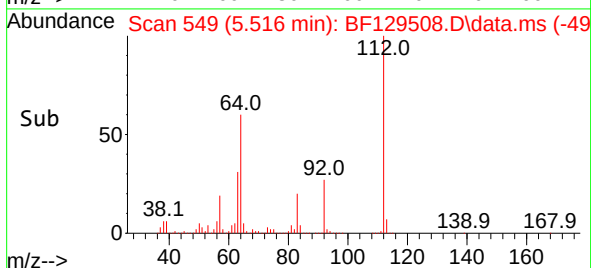
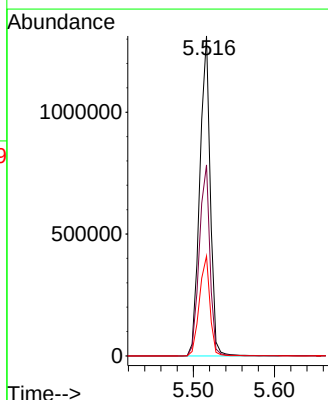
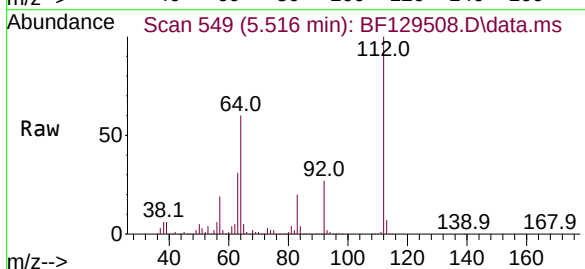
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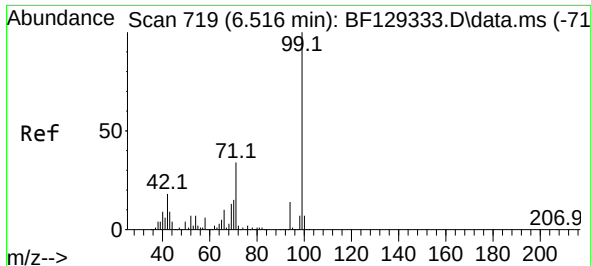
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Supervised By :Jagrut Upadhyay 08/03/2022



#5
2-Fluorophenol
Concen: 115.966 ng
RT: 5.516 min Scan# 549
Delta R.T. 0.012 min
Lab File: BF129508.D
Acq: 02 Aug 2022 15:15

Tgt Ion:112 Resp: 1174902
Ion Ratio Lower Upper
112 100
64 59.7 53.3 79.9
63 31.2 28.0 42.0





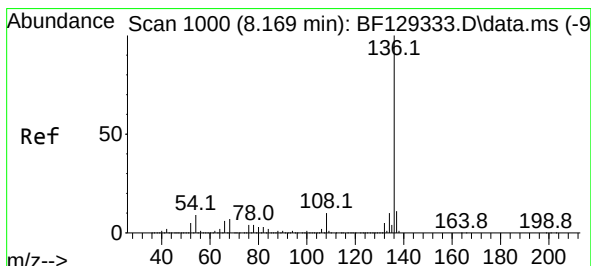
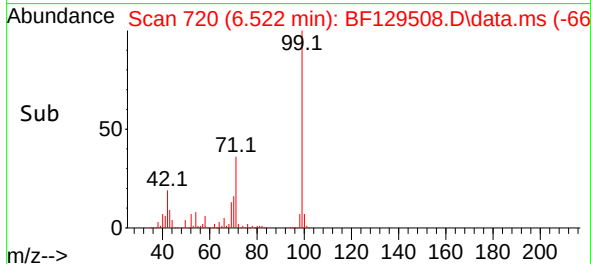
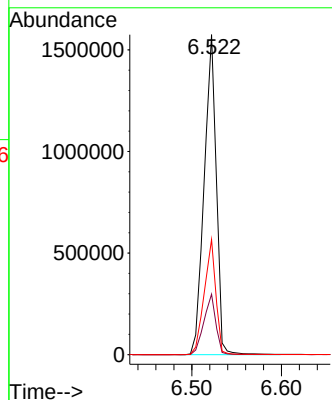
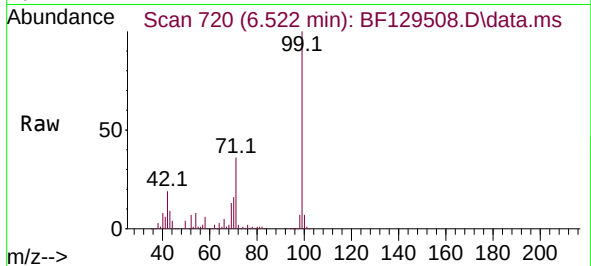
#7
Phenol-d6
Concen: 116.212 ng
RT: 6.522 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF129508.D
Acq: 02 Aug 2022 15:15

Instrument :
BNA_F
ClientSampleId :
COMP-3

Tgt Ion: 99 Resp: 1479919
Ion Ratio Lower Upper
99 100
42 18.9 17.3 25.9
71 36.0 28.9 43.3

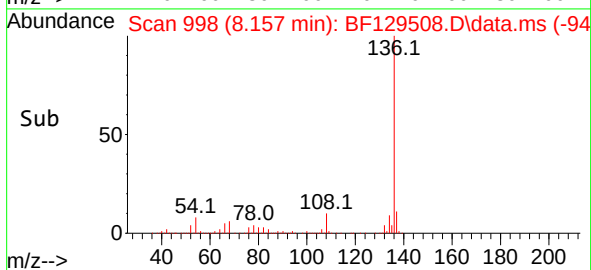
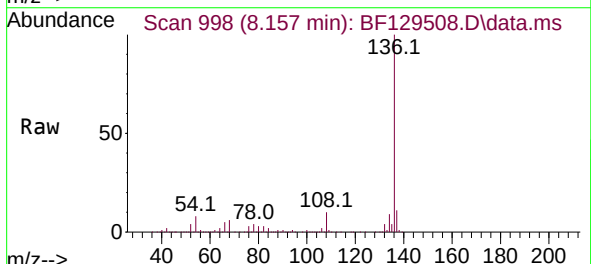
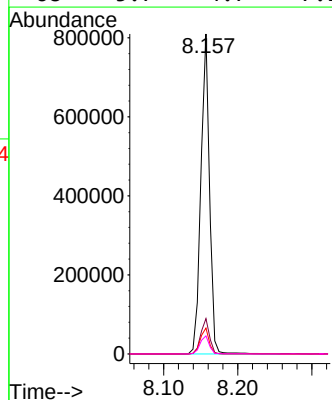
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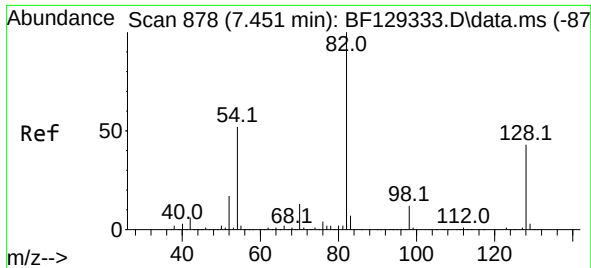
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#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 998
Delta R.T. -0.006 min
Lab File: BF129508.D
Acq: 02 Aug 2022 15:15

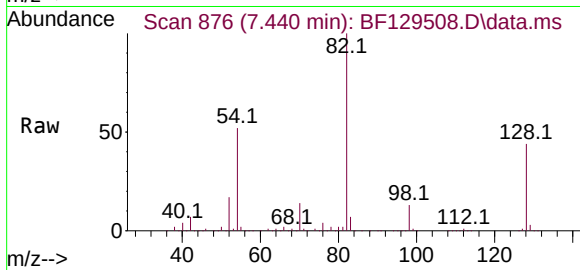
Tgt Ion:136 Resp: 654163
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 8.1 7.5 11.3
68 5.7 4.7 7.1





#23
Nitrobenzene-d5
Concen: 78.841 ng
RT: 7.440 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF129508.D
Acq: 02 Aug 2022 15:15

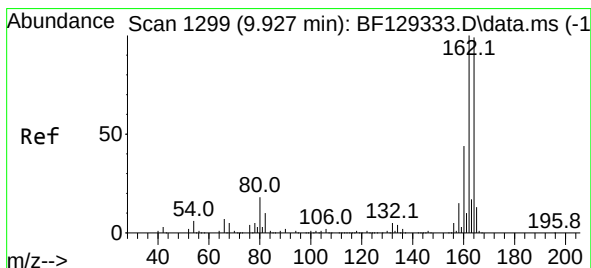
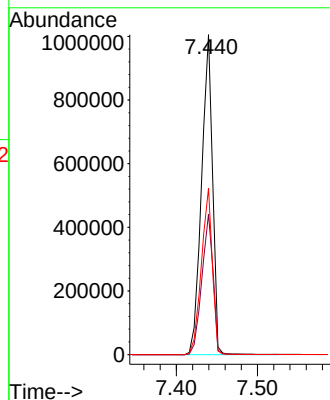
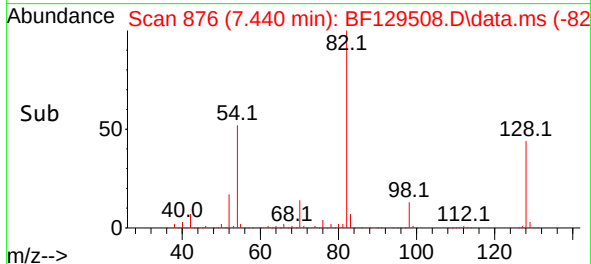
Instrument :
BNA_F
ClientSampleId :
COMP-3



Tgt Ion: 82 Resp: 944796
Ion Ratio Lower Upper
82 100
128 43.9 34.0 51.0
54 52.0 46.9 70.3

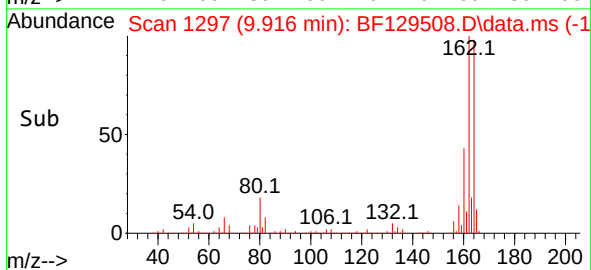
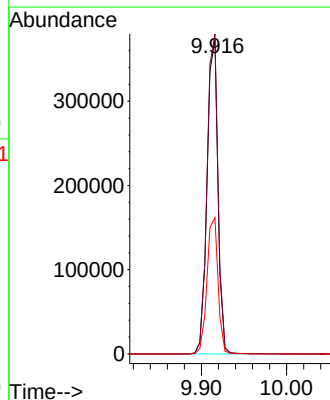
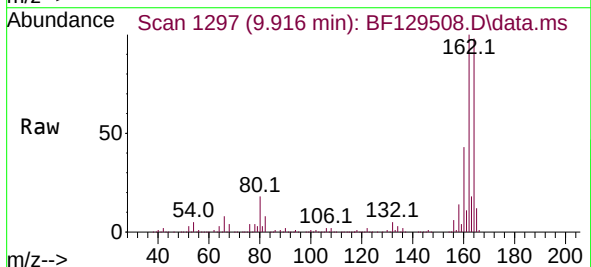
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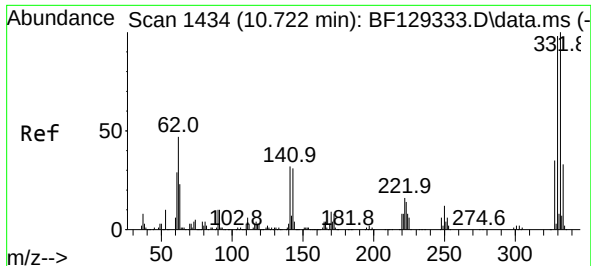
Reviewed By :Christian Giraldo 08/03/2022
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.916 min Scan# 1297
Delta R.T. -0.000 min
Lab File: BF129508.D
Acq: 02 Aug 2022 15:15

Tgt Ion:164 Resp: 330499
Ion Ratio Lower Upper
164 100
162 101.7 79.5 119.3
160 43.3 34.2 51.4





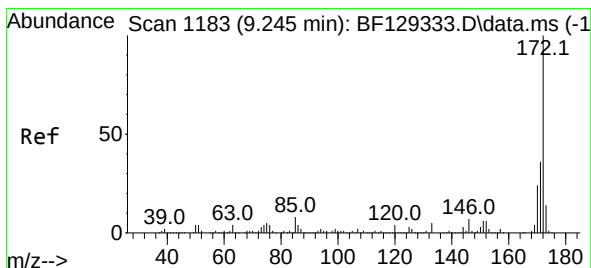
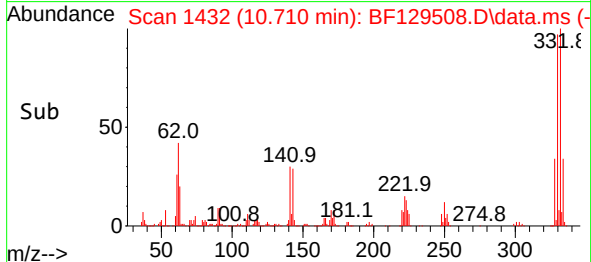
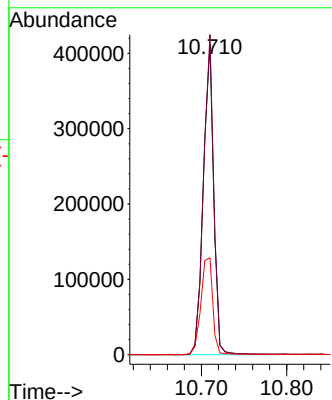
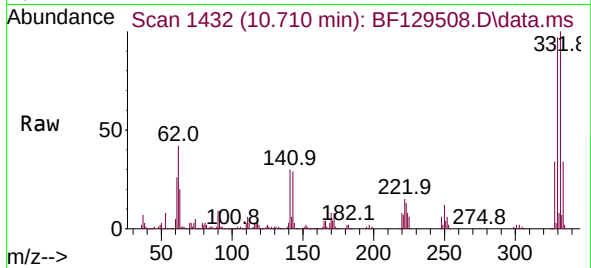
#42
2,4,6-Tribromophenol
Concen: 109.726 ng
RT: 10.710 min Scan# 1434
Delta R.T. -0.000 min
Lab File: BF129508.D
Acq: 02 Aug 2022 15:15

Instrument :
BNA_F
ClientSampleId :
COMP-3

Tgt Ion: 330 Resp: 348654
Ion Ratio Lower Upper
330 100
332 101.9 76.8 115.2
141 35.7 28.0 42.0

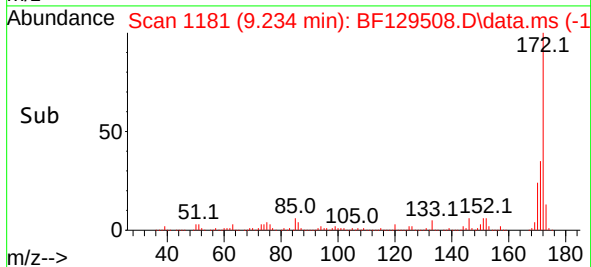
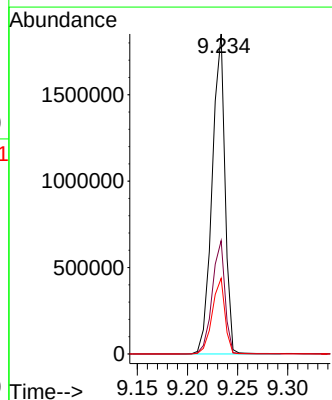
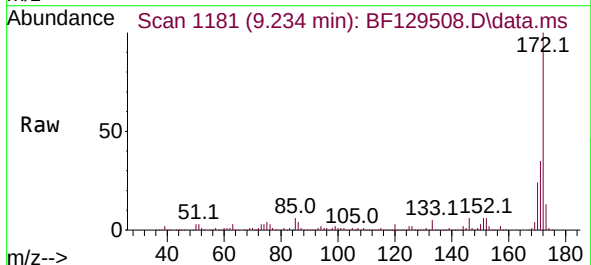
Manual Integrations
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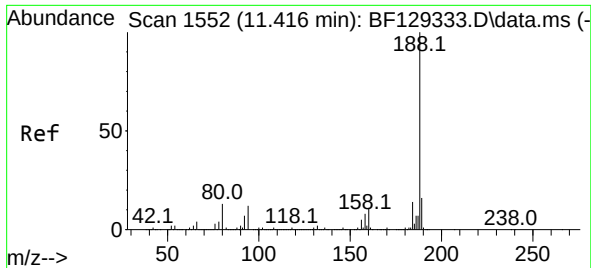
Reviewed By : Christian Giraldo 08/03/2022
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#45
2-Fluorobiphenyl
Concen: 77.086 ng
RT: 9.234 min Scan# 1181
Delta R.T. 0.000 min
Lab File: BF129508.D
Acq: 02 Aug 2022 15:15

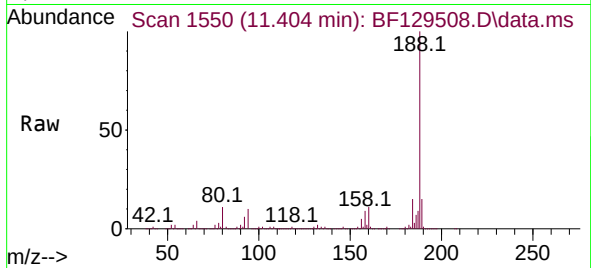
Tgt Ion: 172 Resp: 1646912
Ion Ratio Lower Upper
172 100
171 35.4 28.8 43.2
170 23.6 19.8 29.8





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF129508.D
Acq: 02 Aug 2022 15:15

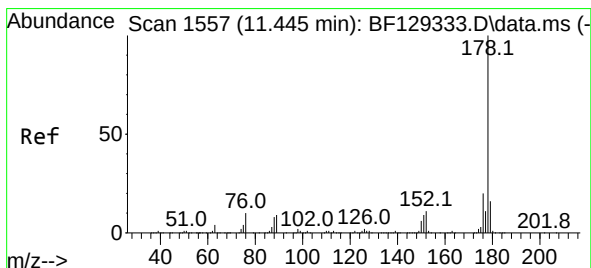
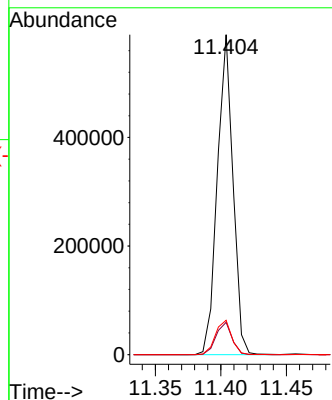
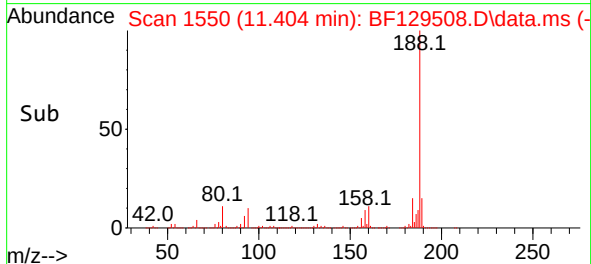
Instrument :
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COMP-3



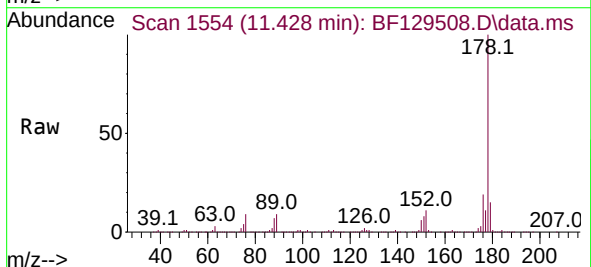
Tgt Ion:188 Resp: 490375
Ion Ratio Lower Upper
188 100
94 10.1 7.0 10.6
80 10.7 7.6 11.4

Manual Integrations
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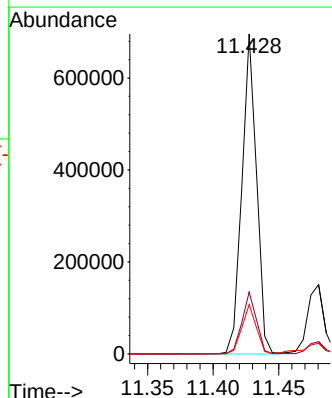
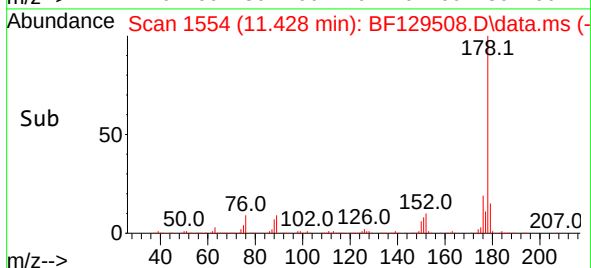
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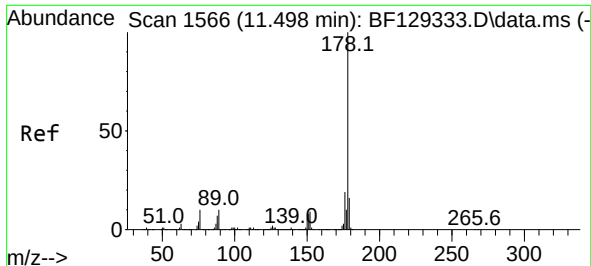


#71
Phenanthrene
Concen: 20.069 ng
RT: 11.428 min Scan# 1554
Delta R.T. -0.006 min
Lab File: BF129508.D
Acq: 02 Aug 2022 15:15



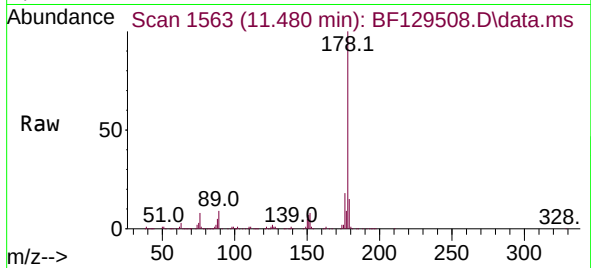
Tgt Ion:178 Resp: 537216
Ion Ratio Lower Upper
178 100
176 19.3 16.0 24.0
179 15.4 12.6 19.0





#72
 Anthracene
 Concen: 4.827 ng
 RT: 11.480 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF129508.D
 Acq: 02 Aug 2022 15:15

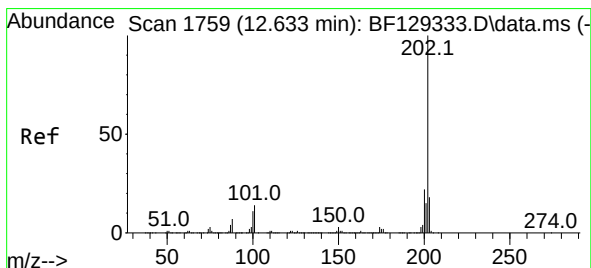
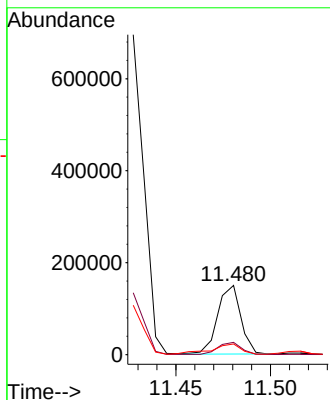
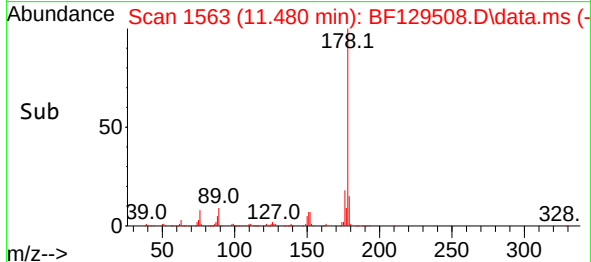
Instrument :
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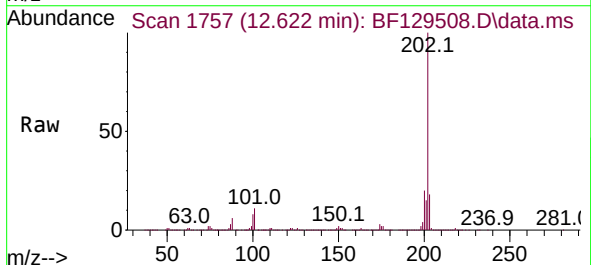
Tgt Ion:178 Resp: 126989
 Ion Ratio Lower Upper
 178 100
 176 17.6 15.4 23.2
 179 15.3 12.6 19.0

Manual Integrations
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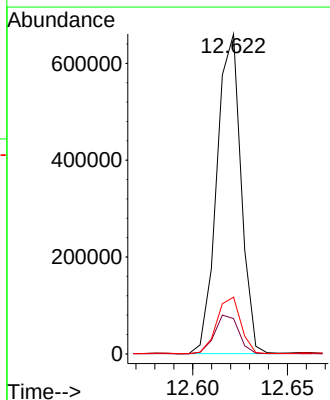
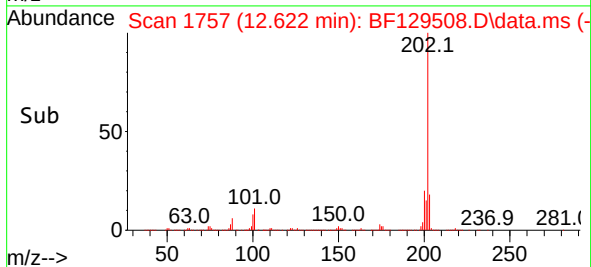
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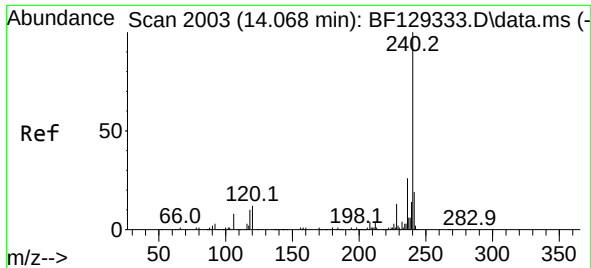


#75
 Fluoranthene
 Concen: 21.617 ng
 RT: 12.622 min Scan# 1757
 Delta R.T. 0.000 min
 Lab File: BF129508.D
 Acq: 02 Aug 2022 15:15



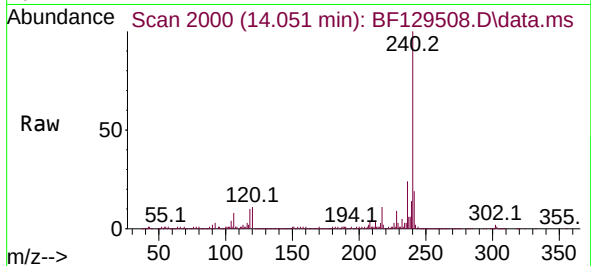
Tgt Ion:202 Resp: 586294
 Ion Ratio Lower Upper
 202 100
 101 11.0 0.0 31.4
 203 17.7 0.0 38.0





#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2000
Delta R.T. 0.000 min
Lab File: BF129508.D
Acq: 02 Aug 2022 15:15

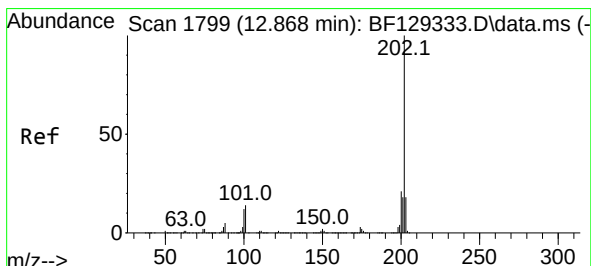
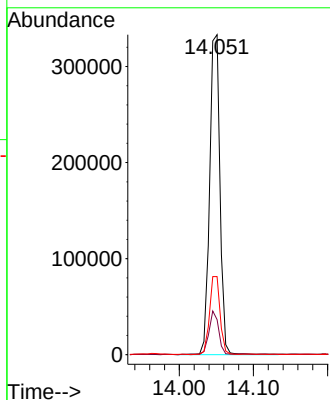
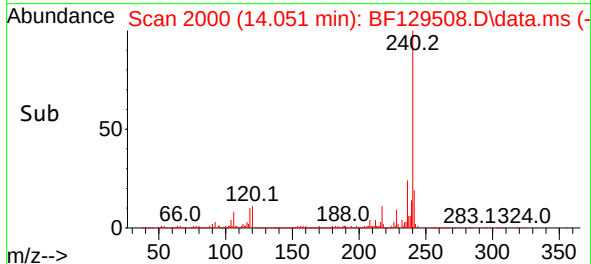
Instrument :
BNA_F
ClientSampleId :
COMP-3



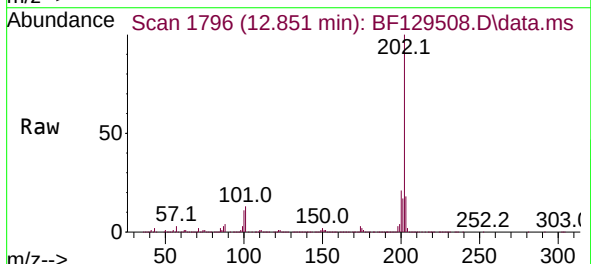
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Ion Ratio Lower Upper
240 100
120 10.9 8.9 13.3
236 24.4 20.8 31.2

Manual Integrations
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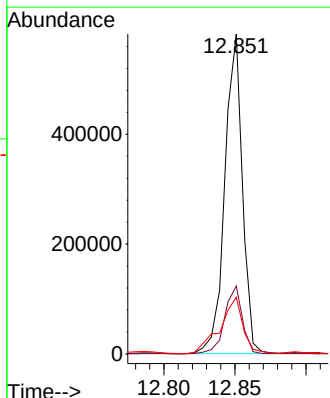
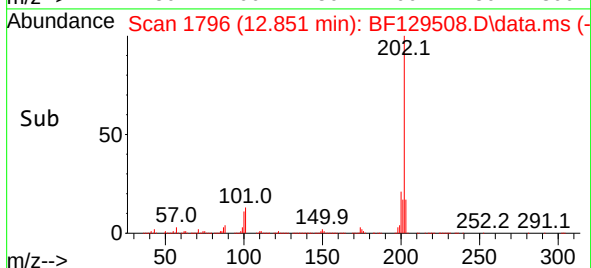
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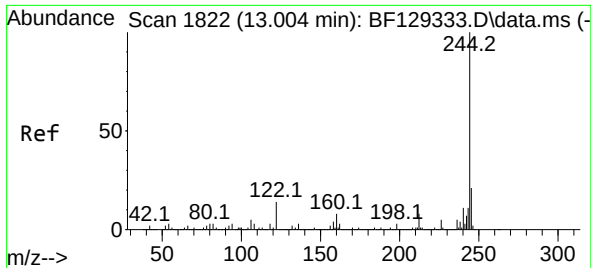


#78
Pyrene
Concen: 18.594 ng
RT: 12.851 min Scan# 1796
Delta R.T. 0.000 min
Lab File: BF129508.D
Acq: 02 Aug 2022 15:15



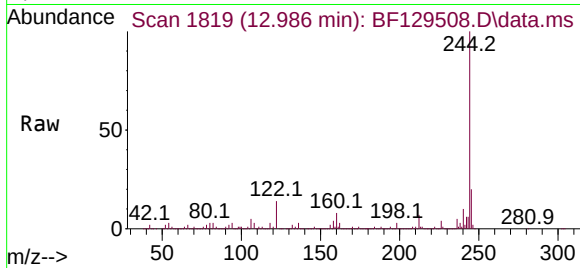
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Ion Ratio Lower Upper
202 100
200 21.2 17.7 26.5
203 17.7 14.6 21.8





#79
 Terphenyl-d14
 Concen: 71.873 ng
 RT: 12.986 min Scan# 1822
 Delta R.T. 0.000 min
 Lab File: BF129508.D
 Acq: 02 Aug 2022 15:15

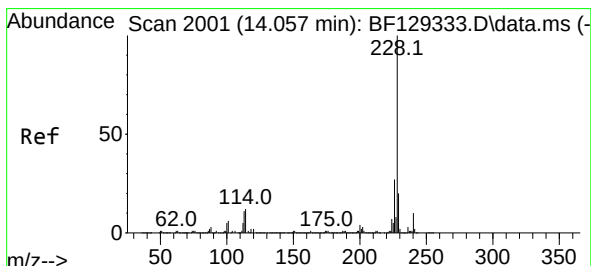
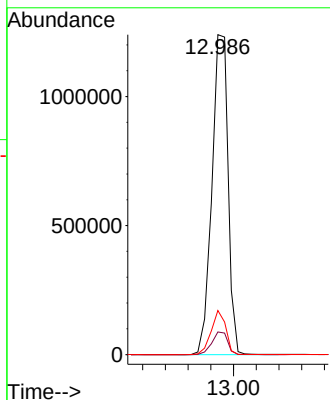
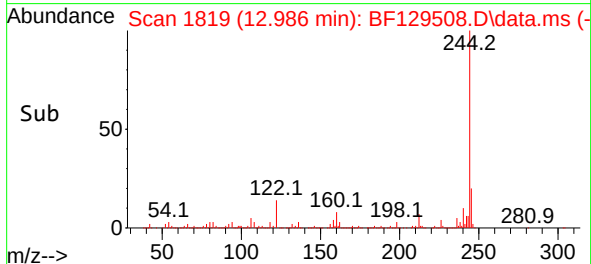
Instrument :
 BNA_F
 ClientSampleId :
 COMP-3



Tgt Ion:244 Resp: 1226323
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.1 9.1
 122 13.8 8.8 13.2

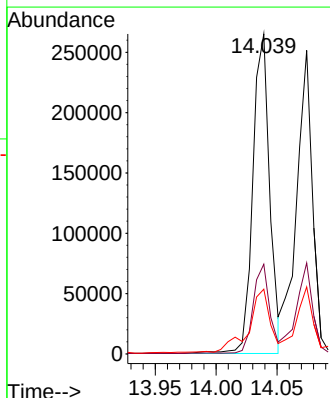
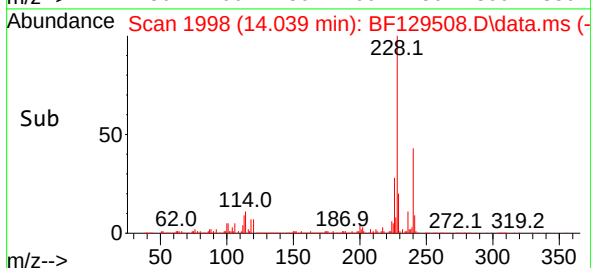
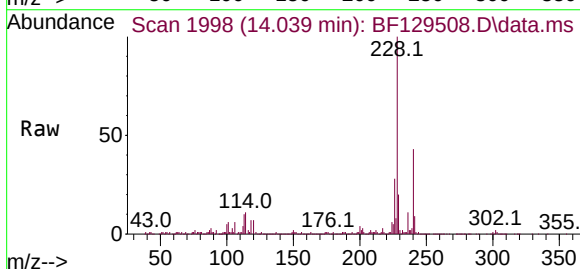
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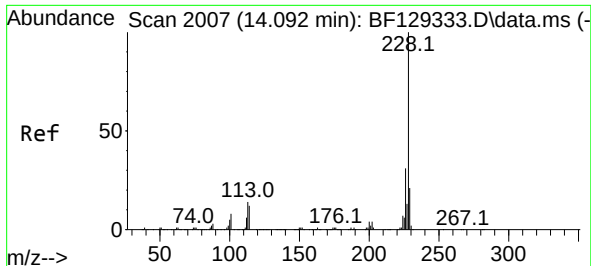
Reviewed By :Christian Giraldo 08/03/2022
 Supervised By :Jagrut Upadhyay 08/03/2022



#81
 Benzo(a)anthracene
 Concen: 11.593 ng
 RT: 14.039 min Scan# 1998
 Delta R.T. 0.000 min
 Lab File: BF129508.D
 Acq: 02 Aug 2022 15:15

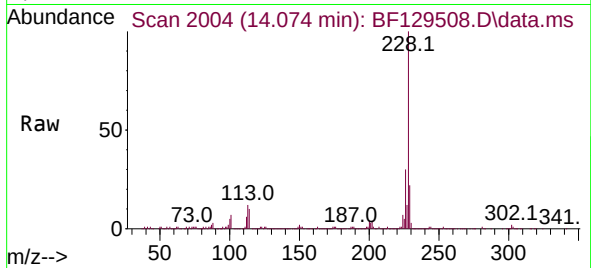
Tgt Ion:228 Resp: 254920
 Ion Ratio Lower Upper
 228 100
 226 28.0 22.1 33.1
 229 20.2 15.8 23.8





#83
Chrysene
Concen: 11.144 ng
RT: 14.074 min Scan# 2007
Delta R.T. 0.000 min
Lab File: BF129508.D
Acq: 02 Aug 2022 15:15

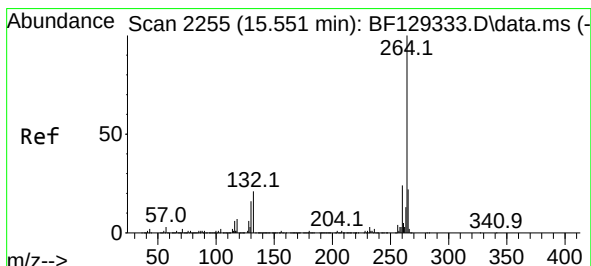
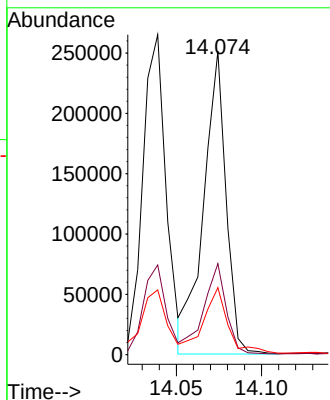
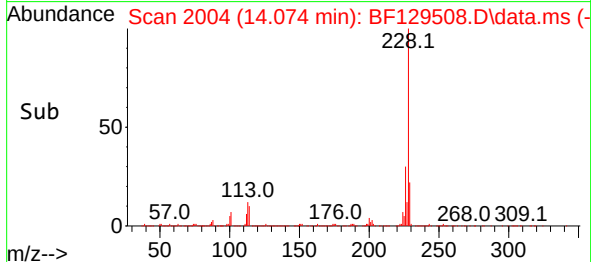
Instrument :
BNA_F
ClientSampleId :
COMP-3



Tgt Ion:228 Resp: 230933
Ion Ratio Lower Upper
228 100
226 30.0 24.3 36.5
229 22.0 15.9 23.9

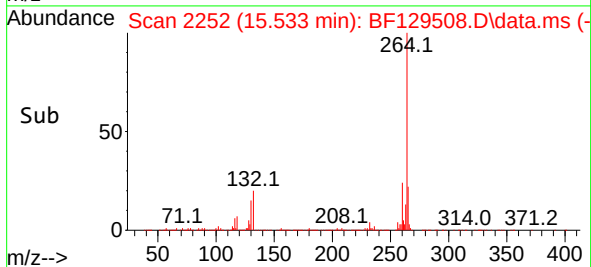
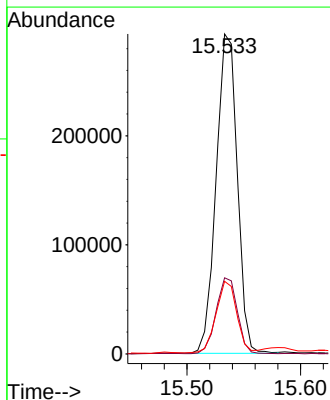
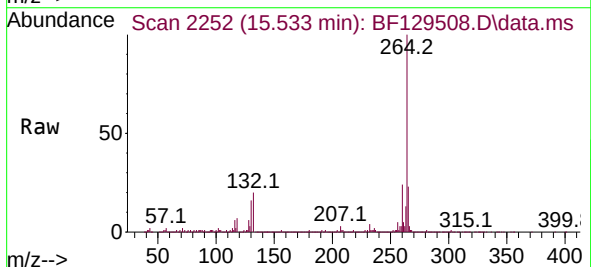
Manual Integrations
APPROVED

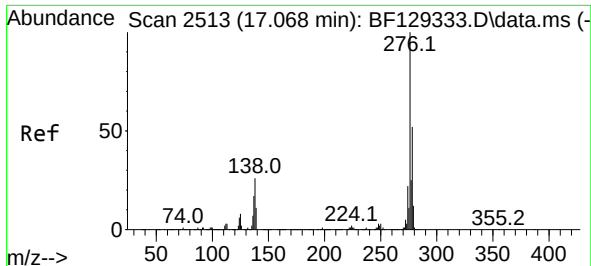
Reviewed By :Christian Giraldo 08/03/2022
Supervised By :Jagrut Upadhyay 08/03/2022



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.533 min Scan# 2252
Delta R.T. 0.006 min
Lab File: BF129508.D
Acq: 02 Aug 2022 15:15

Tgt Ion:264 Resp: 378977
Ion Ratio Lower Upper
264 100
260 23.8 18.4 27.6
265 22.7 17.2 25.8





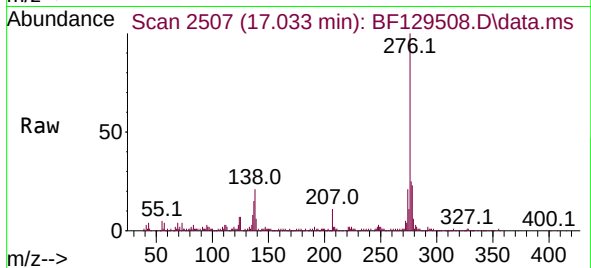
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 5.511 ng
 RT: 17.033 min Scan# 2178
 Delta R.T. -0.000 min
 Lab File: BF129508.D
 Acq: 02 Aug 2022 15:15

Instrument :

BNA_F

ClientSampleId :

COMP-3

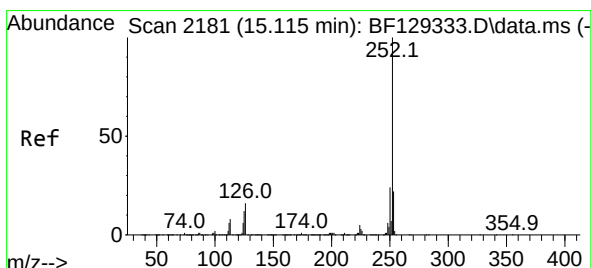
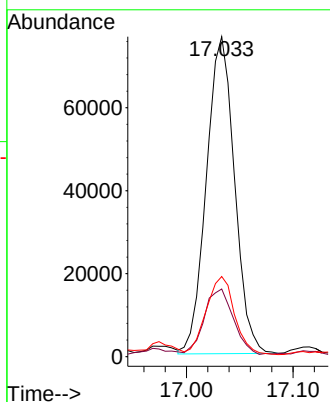
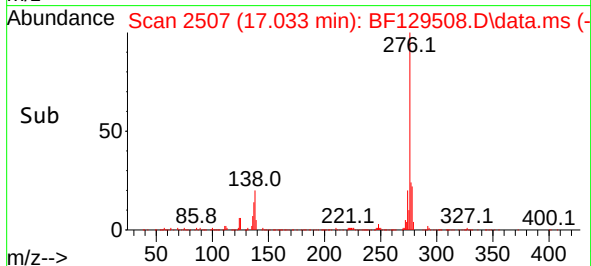


Tgt Ion:276 Resp: 140633
 Ion Ratio Lower Upper
 276 100
 138 21.6 21.1 31.7
 277 24.8 20.3 30.5

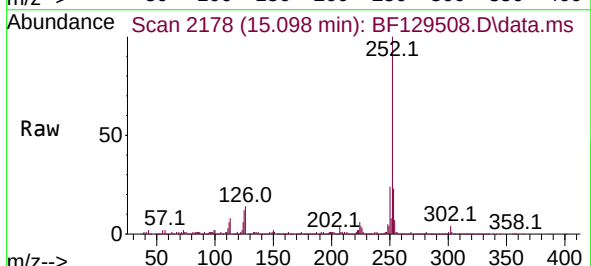
Manual Integrations

APPROVED

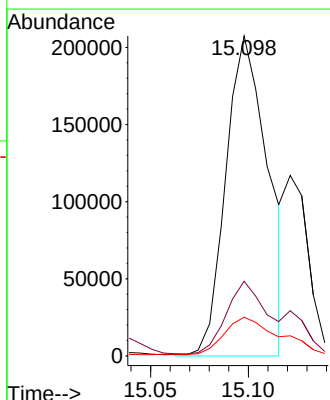
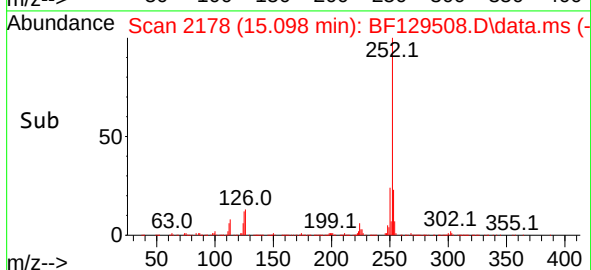
Reviewed By :Christian Giraldo 08/03/2022
 Supervised By :Jagrut Upadhyay 08/03/2022

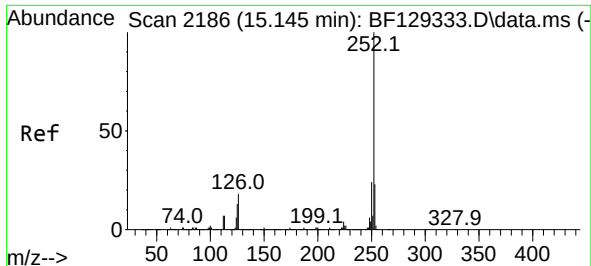


#88
 Benzo(b)fluoranthene
 Concen: 12.343 ng m
 RT: 15.098 min Scan# 2178
 Delta R.T. 0.006 min
 Lab File: BF129508.D
 Acq: 02 Aug 2022 15:15



Tgt Ion:252 Resp: 310281
 Ion Ratio Lower Upper
 252 100
 253 23.3 17.7 26.5
 125 12.1 8.0 12.0#





#89

Benzo(k)fluoranthene

Concen: 3.893 ng m

RT: 15.121 min Scan# 2186

Delta R.T. 0.000 min

Lab File: BF129508.D

Acq: 02 Aug 2022 15:15

Instrument :

BNA_F

ClientSampleId :

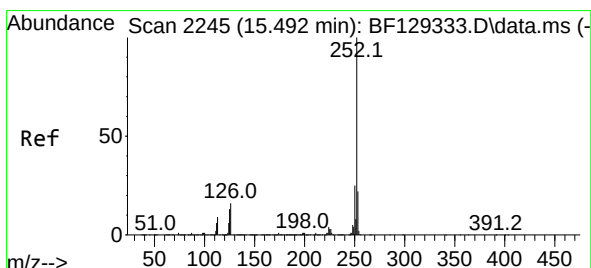
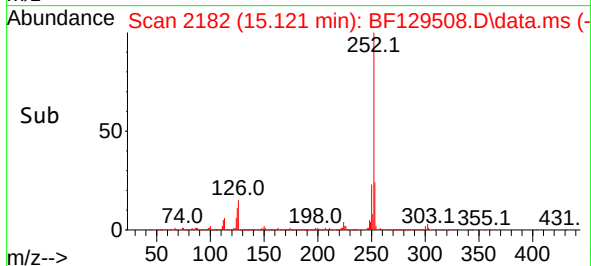
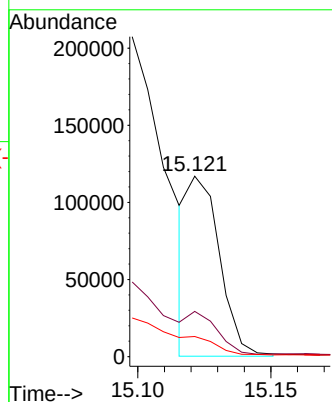
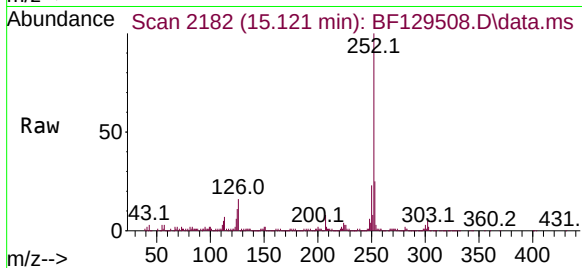
COMP-3

Tgt Ion:	252	Resp:	95910
Ion Ratio	Lower	Upper	
252	100		
253	25.1	17.8	26.6
125	11.2	8.3	12.5

Manual Integrations

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Reviewed By :Christian Giraldo 08/03/2022
Supervised By :Jagrut Upadhyay 08/03/2022



#90

Benzo(a)pyrene

Concen: 11.342 ng

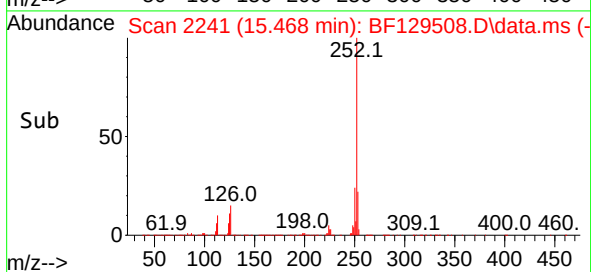
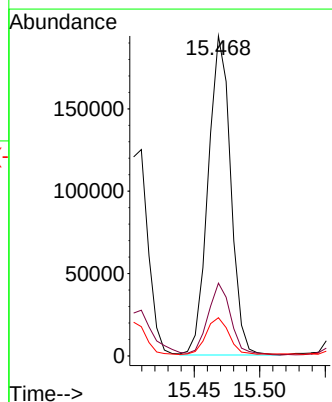
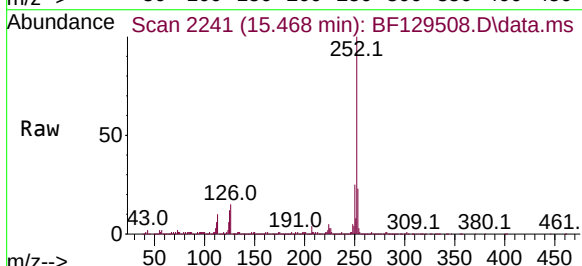
RT: 15.468 min Scan# 2241

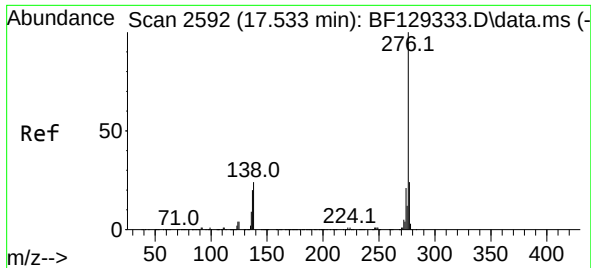
Delta R.T. 0.000 min

Lab File: BF129508.D

Acq: 02 Aug 2022 15:15

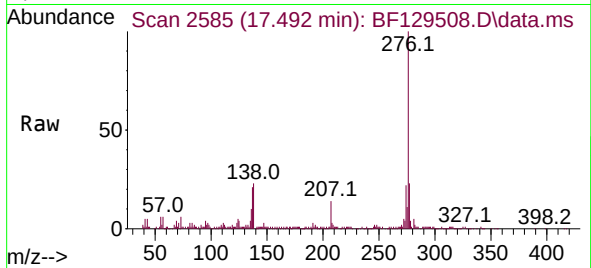
Tgt Ion:	252	Resp:	231446
Ion Ratio	Lower	Upper	
252	100		
253	22.7	17.0	25.6
125	11.9	8.8	13.2





#92
 Benzo(g,h,i)perylene
 Concen: 6.110 ng
 RT: 17.492 min Scan# 2585
 Delta R.T. 0.000 min
 Lab File: BF129508.D
 Acq: 02 Aug 2022 15:15

Instrument :
 BNA_F
 ClientSampleId :
 COMP-3



Tgt Ion:	276	Resp:	129688
Ion Ratio	Lower	Upper	
276	100		
277	23.3	19.1	28.7
138	22.6	18.0	27.0

Manual Integrations
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Reviewed By :Christian Giraldo 08/03/2022
 Supervised By :Jagrut Upadhyay 08/03/2022

