

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF053122\
 Data File : BF128600.D
 Acq On : 31 May 2022 17:53
 Operator : CG\JU
 Sample : N3109-03
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BB-9

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 06/01/2022
 Supervised By : Jagrut Upadhyay 06/01/2022

Quant Time: Jun 01 00:58:01 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 27 01:51:59 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.840	152	112374	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	429613	20.000	ng	# 0.00
39) Acenaphthene-d10	9.875	164	235209	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	401803	20.000	ng	0.00
76) Chrysene-d12	14.004	240	232437	20.000	ng	# 0.00
86) Perylene-d12	15.474	264	232007	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.457	112	644239	94.962	ng	0.00
7) Phenol-d6	6.469	99	821867	95.013	ng	0.00
23) Nitrobenzene-d5	7.404	82	593098	79.641	ng	0.00
42) 2,4,6-Tribromophenol	10.669	330	244580	109.246	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	935789	64.637	ng	0.00
79) Terphenyl-d14	12.957	244	798615	66.379	ng	0.00
Target Compounds						Qvalue
75) Fluoranthene	12.574	202	59179	2.908	ng	96
78) Pyrene	12.804	202	59894	3.420	ng	98
81) Benzo(a)anthracene	13.992	228	28705	2.078	ng	99
83) Chrysene	14.027	228	34068	2.408	ng	97
84) Bis(2-ethylhexyl)phtha...	13.992	149	35847	4.013	ng	99
88) Benzo(b)fluoranthene	15.045	252	54246m	3.759	ng	
90) Benzo(a)pyrene	15.410	252	30740	2.655	ng	99

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

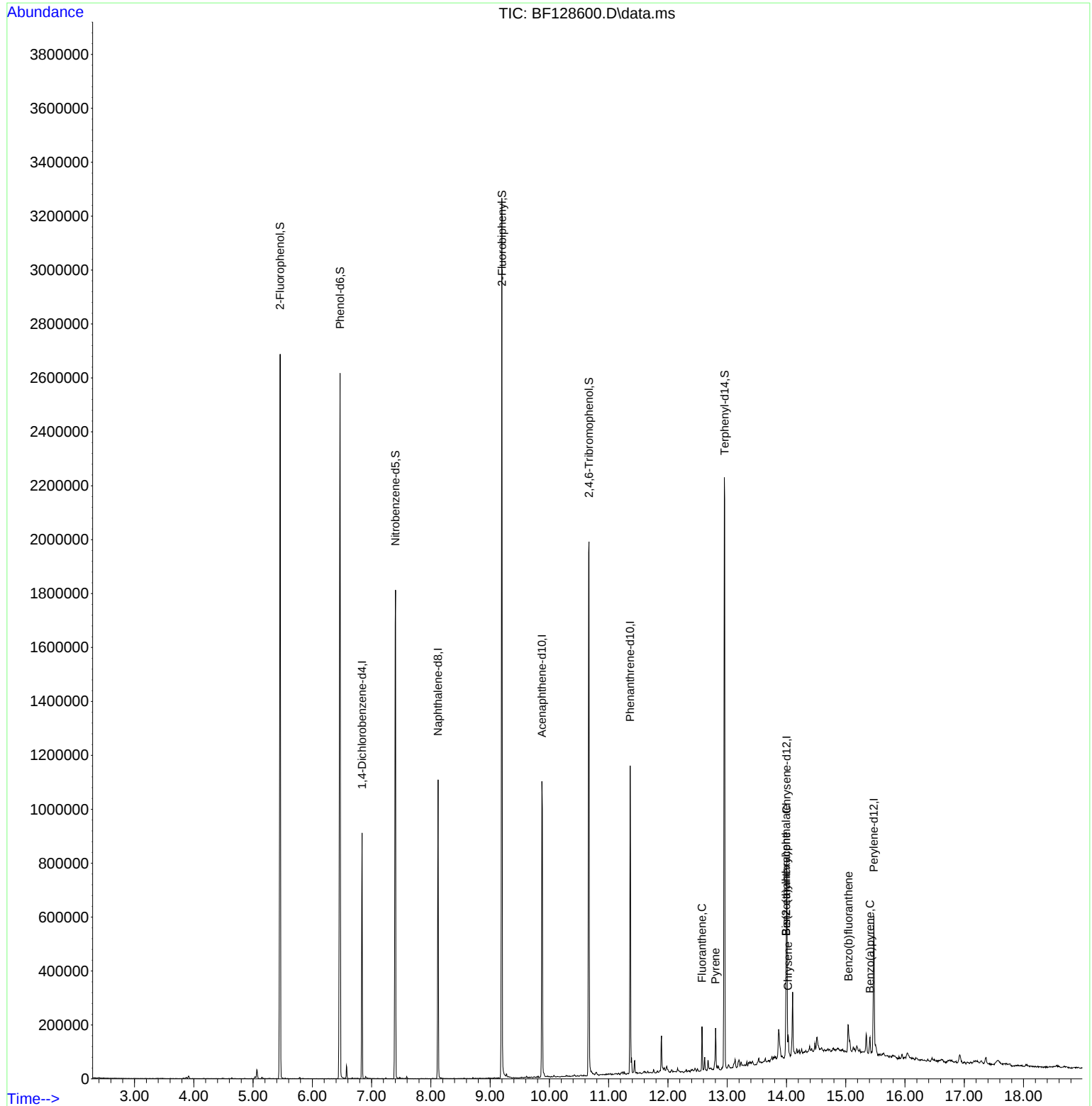
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF053122\
Data File : BF128600.D
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ALS Vial : 9 Sample Multiplier: 1

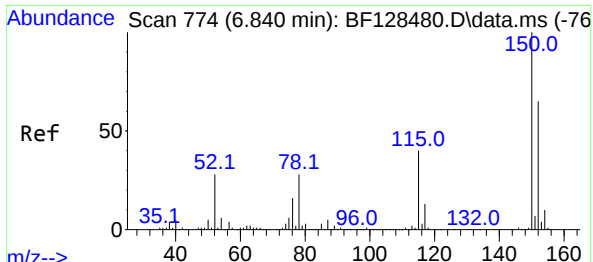
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Quant Time: Jun 01 00:58:01 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052622.M
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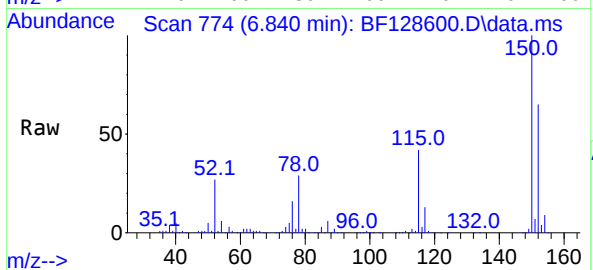
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Supervised By :Jagrut Upadhyay 06/01/2022





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.840 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF128600.D
Acq: 31 May 2022 17:53

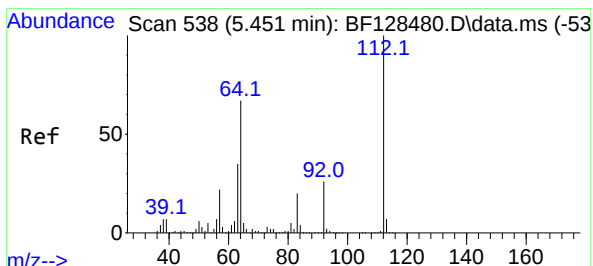
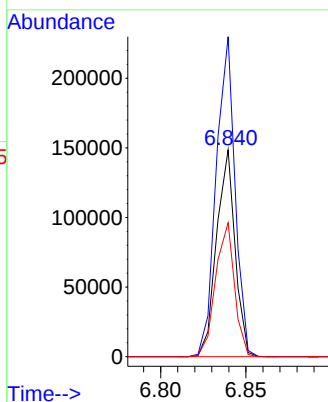
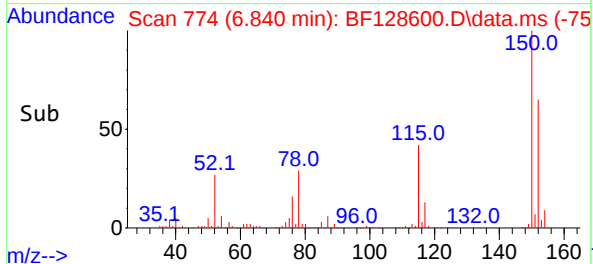
Instrument :
BNA_F
ClientSampleId :
BB-9



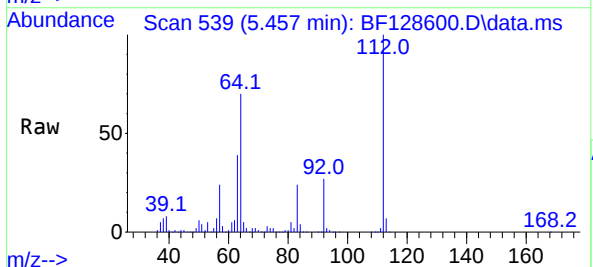
Tgt Ion:152 Resp: 112374
Ion Ratio Lower Upper
152 100
150 154.6 123.7 185.5
115 64.7 49.9 74.9

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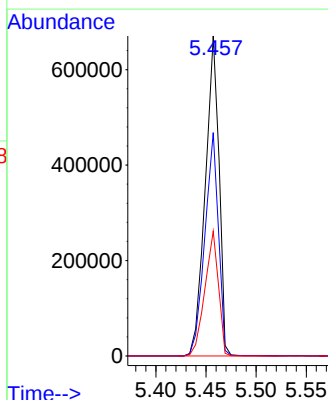
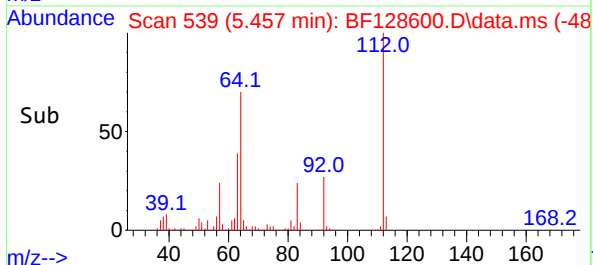
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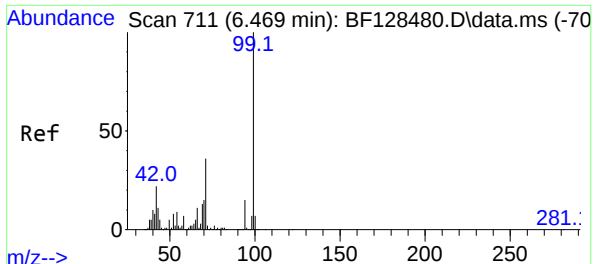


#5
2-Fluorophenol
Concen: 94.962 ng
RT: 5.457 min Scan# 539
Delta R.T. 0.006 min
Lab File: BF128600.D
Acq: 31 May 2022 17:53



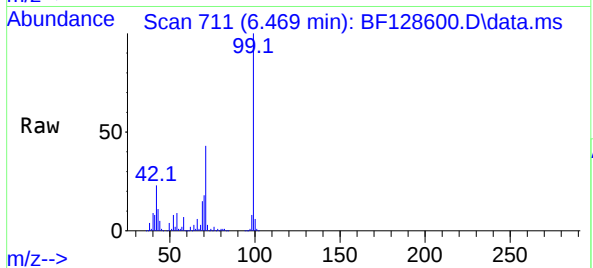
Tgt Ion:112 Resp: 644239
Ion Ratio Lower Upper
112 100
64 69.8 53.3 79.9
63 39.0 28.0 42.0





#7
Phenol-d6
Concen: 95.013 ng
RT: 6.469 min Scan# 711
Delta R.T. -0.000 min
Lab File: BF128600.D
Acq: 31 May 2022 17:53

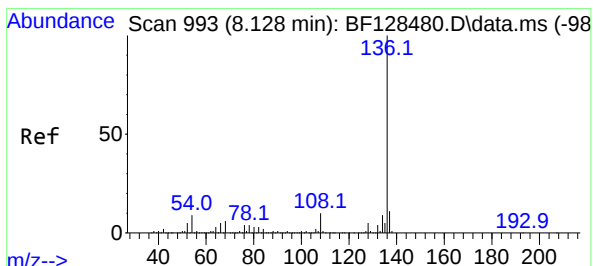
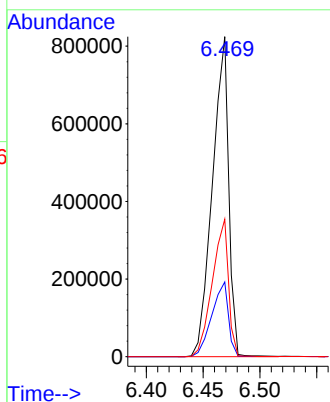
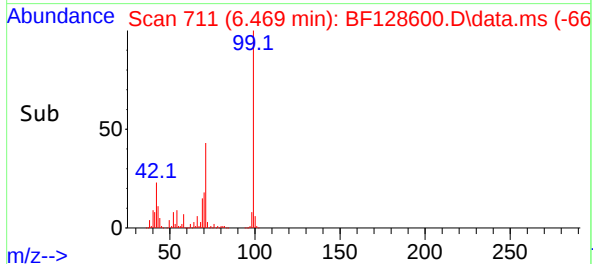
Instrument :
BNA_F
ClientSampleId :
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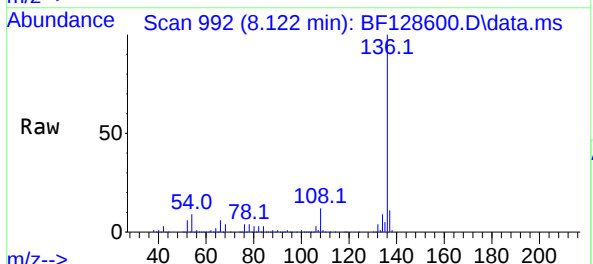
Tgt Ion: 99 Resp: 82186
Ion Ratio Lower Upper
99 100
42 23.4 17.3 25.9
71 42.9 28.9 43.3

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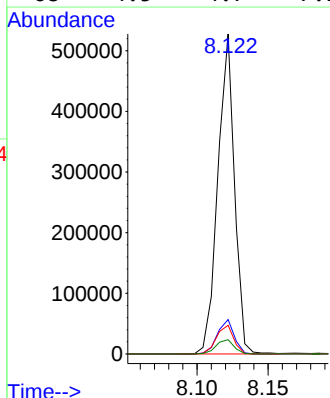
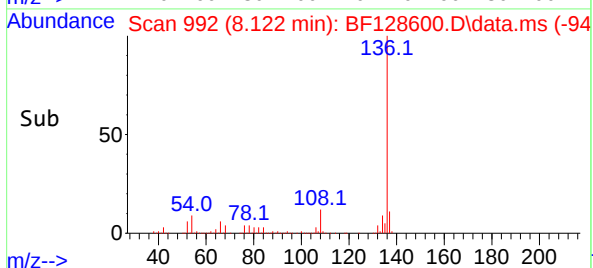
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Supervised By :Jagrut Upadhyay 06/01/2022

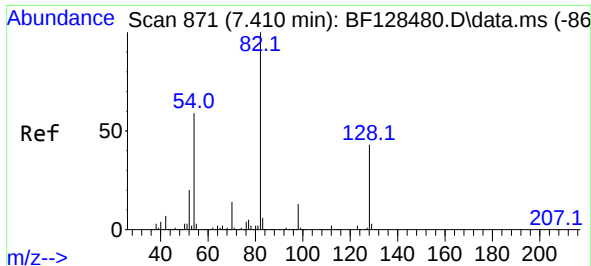


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 992
Delta R.T. -0.006 min
Lab File: BF128600.D
Acq: 31 May 2022 17:53



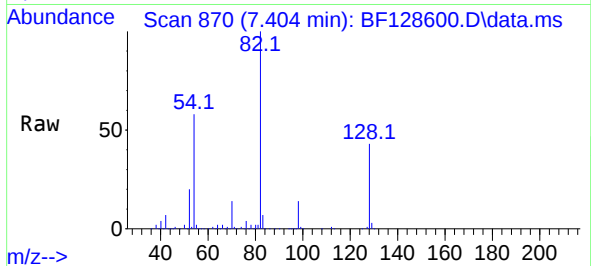
Tgt Ion:136 Resp: 429613
Ion Ratio Lower Upper
136 100
137 10.8 8.8 13.2
54 9.0 7.5 11.3
68 4.5 4.7 7.1#





#23
Nitrobenzene-d5
Concen: 79.641 ng
RT: 7.404 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF128600.D
Acq: 31 May 2022 17:53

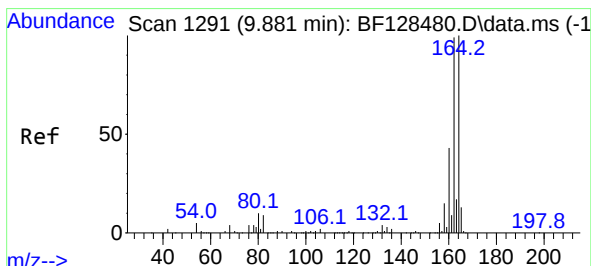
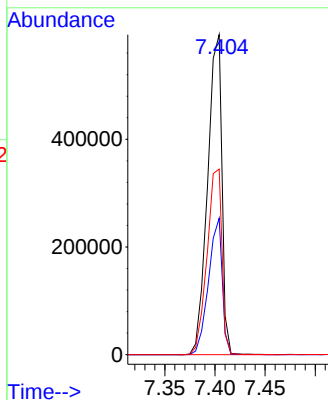
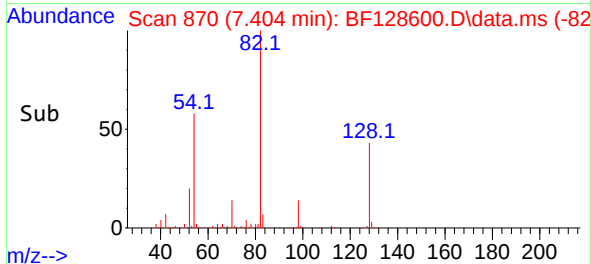
Instrument :
BNA_F
ClientSampleId :
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Tgt Ion: 82 Resp: 593098
Ion Ratio Lower Upper
82 100
128 42.7 34.0 51.0
54 58.0 46.9 70.3

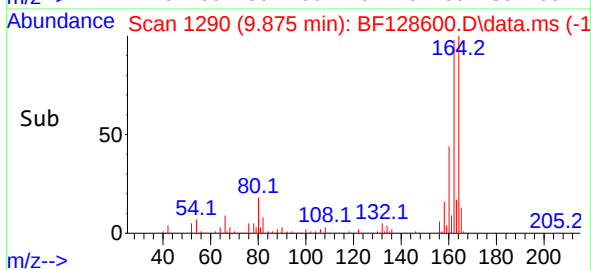
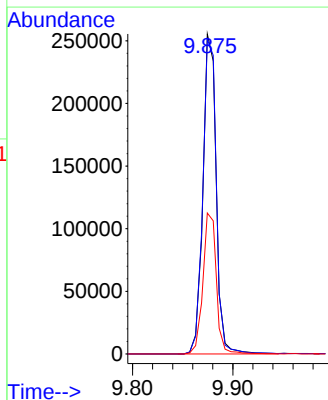
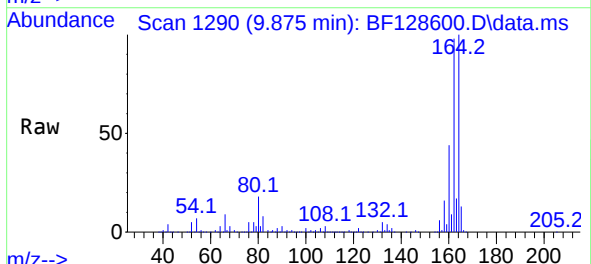
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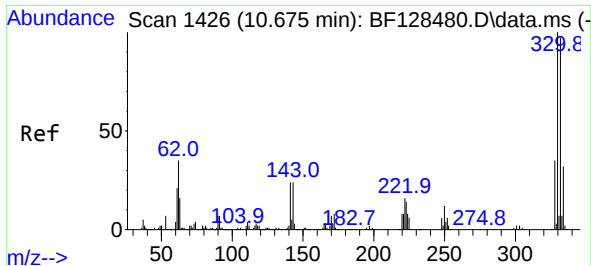
Reviewed By :Christian Giraldo 06/01/2022
Supervised By :Jagrut Upadhyay 06/01/2022



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.875 min Scan# 1290
Delta R.T. -0.006 min
Lab File: BF128600.D
Acq: 31 May 2022 17:53

Tgt Ion:164 Resp: 235209
Ion Ratio Lower Upper
164 100
162 98.3 79.5 119.3
160 44.1 34.2 51.4





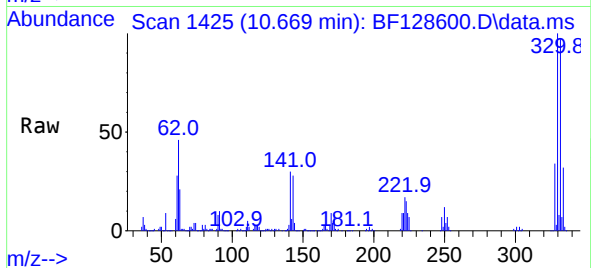
#42
2,4,6-Tribromophenol
Concen: 109.246 ng
RT: 10.669 min Scan# 1426
Delta R.T. -0.006 min
Lab File: BF128600.D
Acq: 31 May 2022 17:53

Instrument :

BNA_F

ClientSampleId :

BB-9

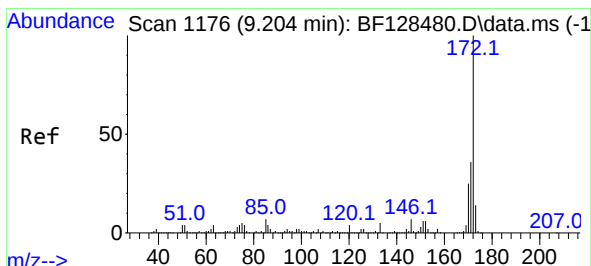
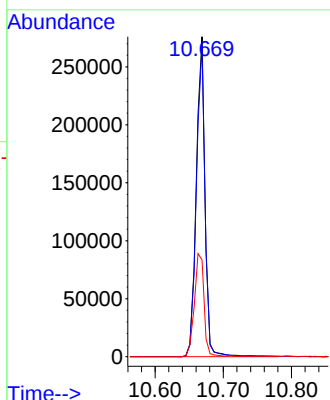
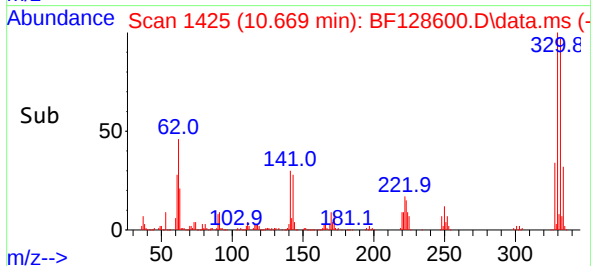


Tgt Ion:330 Resp: 244580
Ion Ratio Lower Upper
330 100
332 96.7 76.8 115.2
141 35.9 28.0 42.0

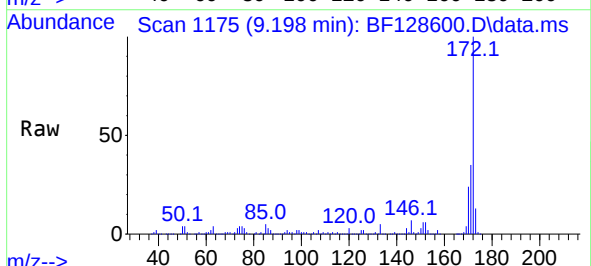
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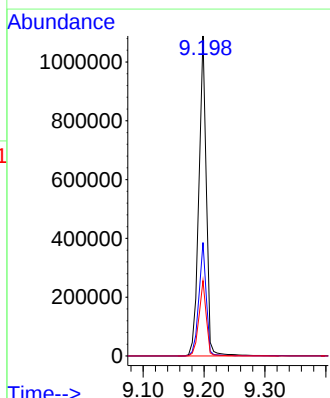
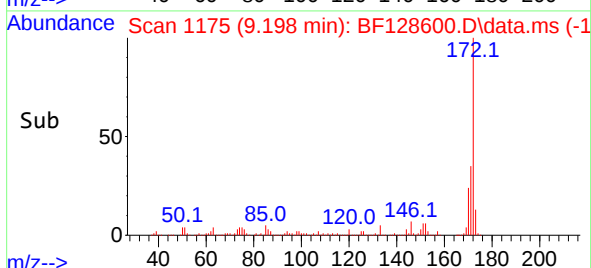
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#45
2-Fluorobiphenyl
Concen: 64.637 ng
RT: 9.198 min Scan# 1175
Delta R.T. -0.006 min
Lab File: BF128600.D
Acq: 31 May 2022 17:53



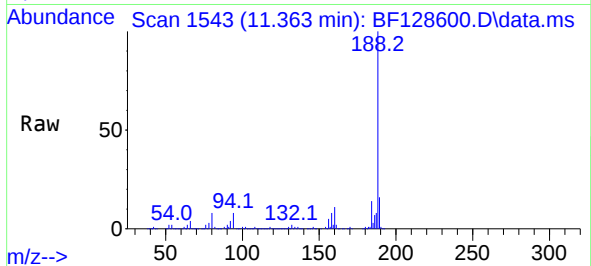
Tgt Ion:172 Resp: 935789
Ion Ratio Lower Upper
172 100
171 35.5 28.8 43.2
170 23.6 19.8 29.8





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.363 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF128600.D
Acq: 31 May 2022 17:53

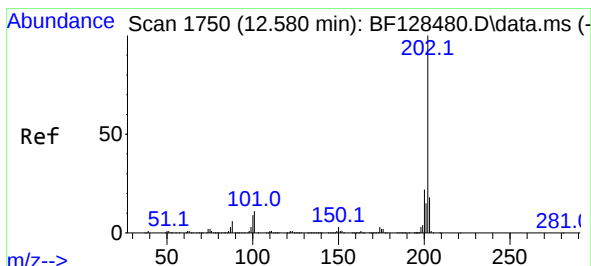
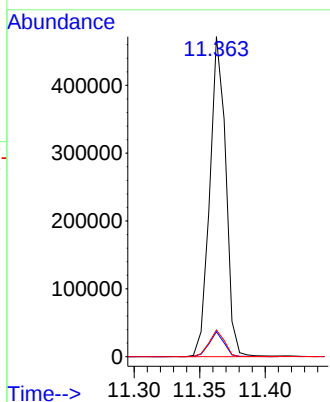
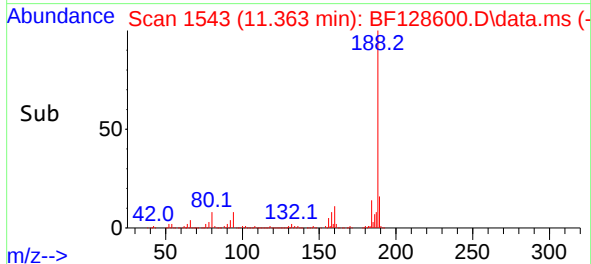
Instrument :
BNA_F
ClientSampleId :
BB-9



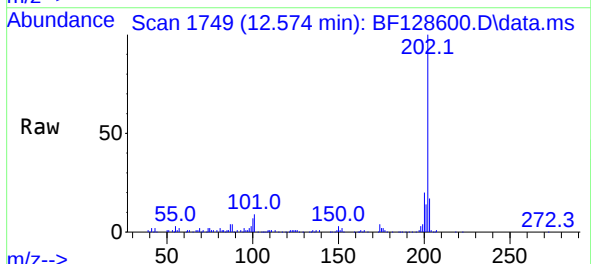
Tgt Ion:188 Resp: 40180
Ion Ratio Lower Upper
188 100
94 7.8 7.0 10.6
80 8.4 7.6 11.4

Manual Integrations
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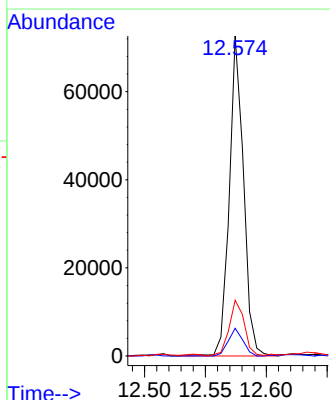
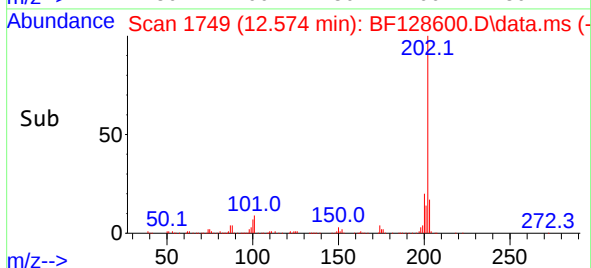
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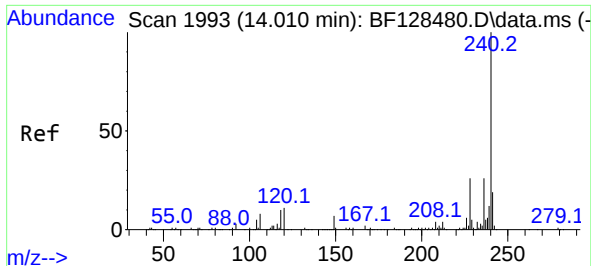


#75
Fluoranthene
Concen: 2.908 ng
RT: 12.574 min Scan# 1749
Delta R.T. -0.006 min
Lab File: BF128600.D
Acq: 31 May 2022 17:53



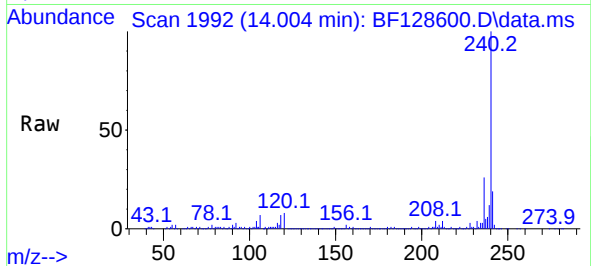
Tgt Ion:202 Resp: 59179
Ion Ratio Lower Upper
202 100
101 8.7 0.0 31.4
203 17.4 0.0 38.0





#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.004 min Scan# 1993
Delta R.T. -0.006 min
Lab File: BF128600.D
Acq: 31 May 2022 17:53

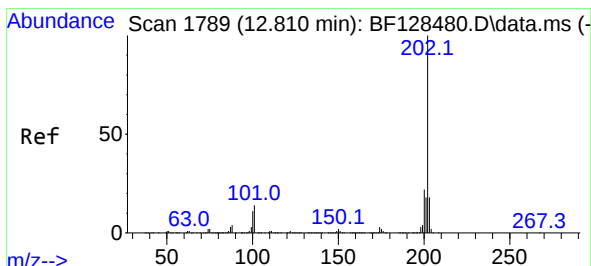
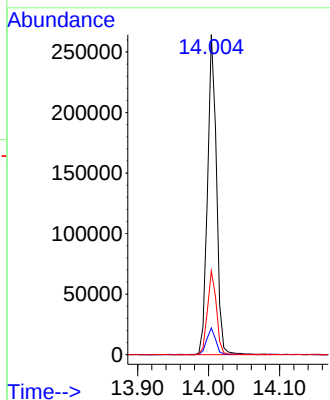
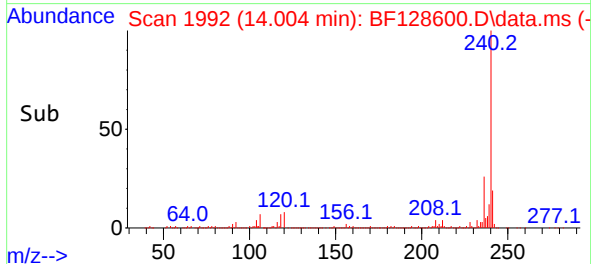
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BB-9



Tgt Ion:240 Resp: 23243
Ion Ratio Lower Upper
240 100
120 8.3 8.9 13.3
236 26.1 20.8 31.2

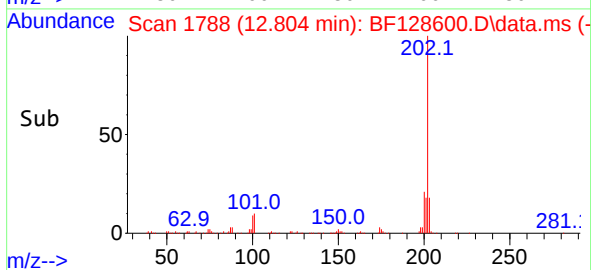
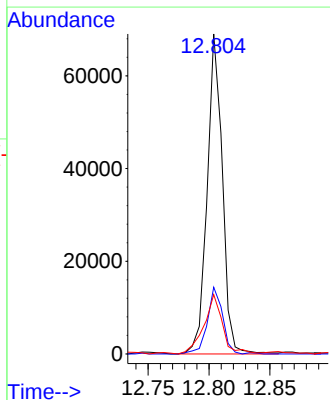
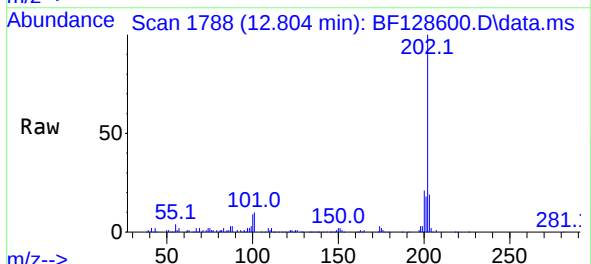
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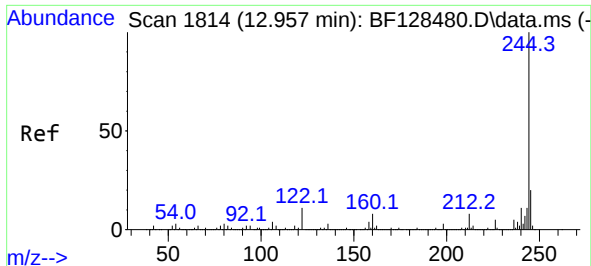
Reviewed By :Christian Giraldo 06/01/2022
Supervised By :Jagrut Upadhyay 06/01/2022



#78
Pyrene
Concen: 3.420 ng
RT: 12.804 min Scan# 1788
Delta R.T. -0.006 min
Lab File: BF128600.D
Acq: 31 May 2022 17:53

Tgt Ion:202 Resp: 59894
Ion Ratio Lower Upper
202 100
200 20.8 17.7 26.5
203 18.5 14.6 21.8





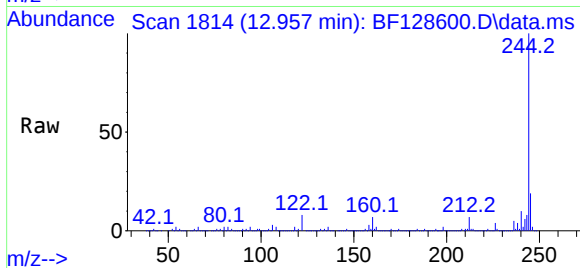
#79
 Terphenyl-d14
 Concen: 66.379 ng
 RT: 12.957 min Scan# 1814
 Delta R.T. -0.000 min
 Lab File: BF128600.D
 Acq: 31 May 2022 17:53

Instrument :

BNA_F

ClientSampleId :

BB-9

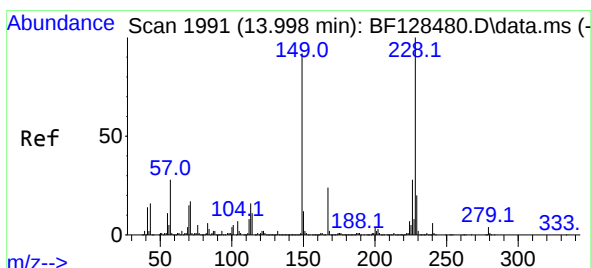
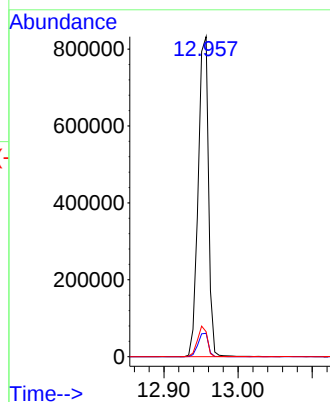
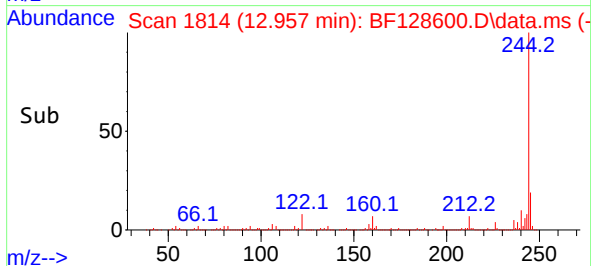


Tgt Ion:244 Resp: 798615
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.1 9.1
 122 7.8 8.8 13.2

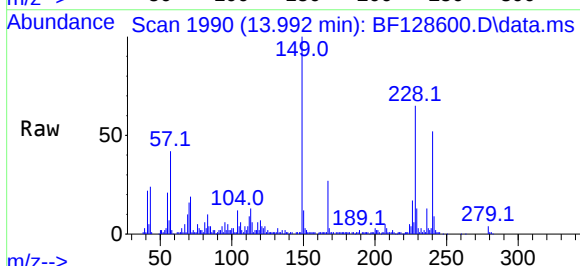
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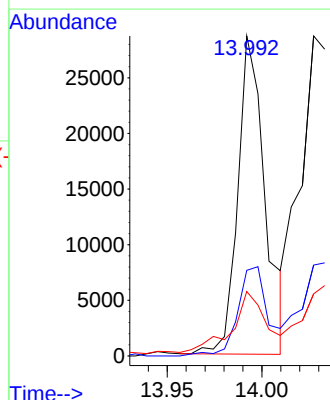
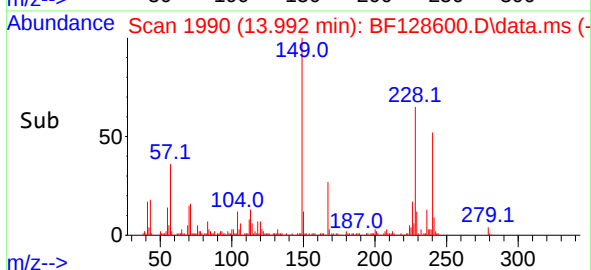
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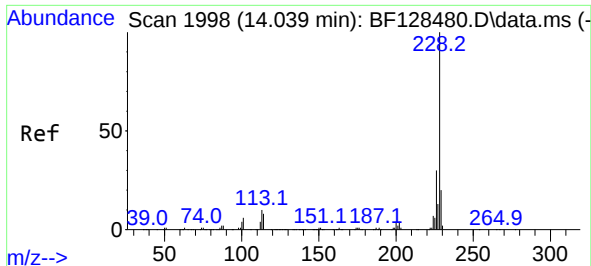


#81
 Benzo(a)anthracene
 Concen: 2.078 ng
 RT: 13.992 min Scan# 1990
 Delta R.T. -0.006 min
 Lab File: BF128600.D
 Acq: 31 May 2022 17:53



Tgt Ion:228 Resp: 28705
 Ion Ratio Lower Upper
 228 100
 226 26.8 22.1 33.1
 229 20.2 15.8 23.8





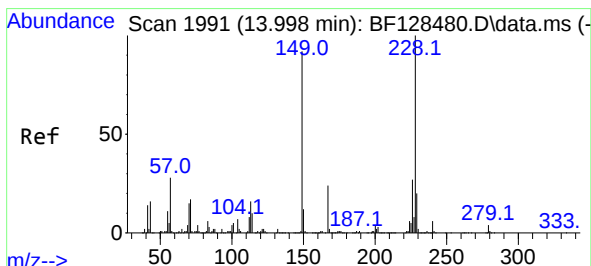
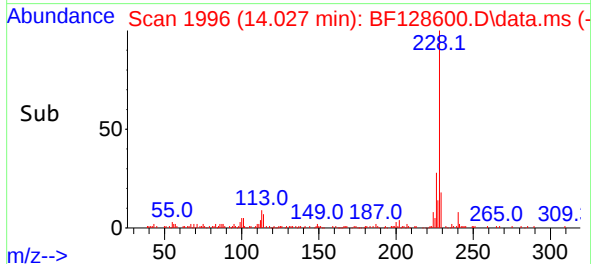
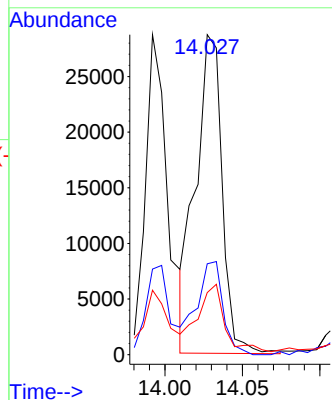
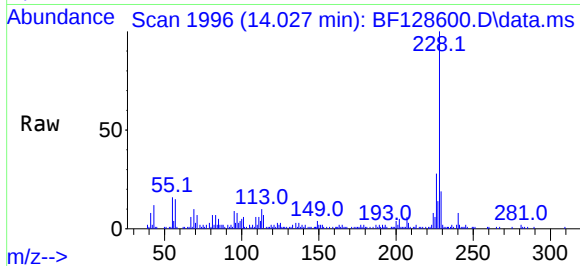
#83
Chrysene
Concen: 2.408 ng
RT: 14.027 min Scan# 1996
Delta R.T. -0.012 min
Lab File: BF128600.D
Acq: 31 May 2022 17:53

Instrument :
BNA_F
ClientSampleId :
BB-9

Tgt Ion:228	Resp: 3406
Ion Ratio	Lower Upper
228 100	
226 28.4	24.3 36.5
229 19.4	15.9 23.9

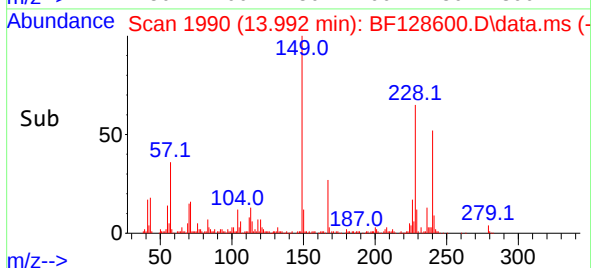
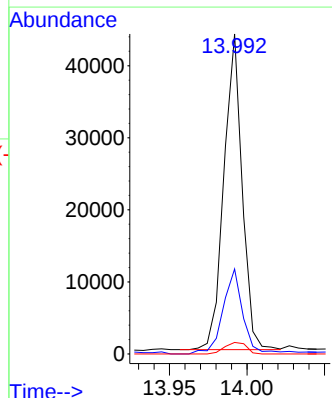
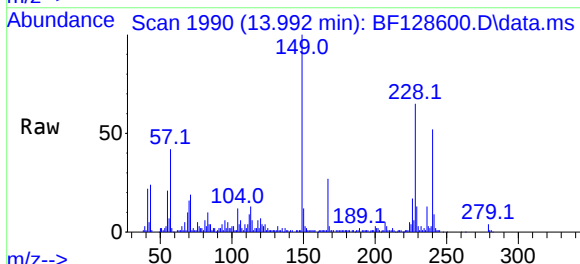
Manual Integrations
APPROVED

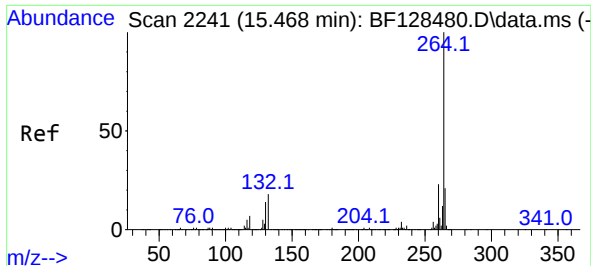
Reviewed By :Christian Giraldo 06/01/2022
Supervised By :Jagrut Upadhyay 06/01/2022



#84
Bis(2-ethylhexyl)phthalate
Concen: 4.013 ng
RT: 13.992 min Scan# 1990
Delta R.T. -0.006 min
Lab File: BF128600.D
Acq: 31 May 2022 17:53

Tgt Ion:149	Resp: 35847
Ion Ratio	Lower Upper
149 100	
167 26.6	21.0 31.4
279 3.6	3.1 4.7





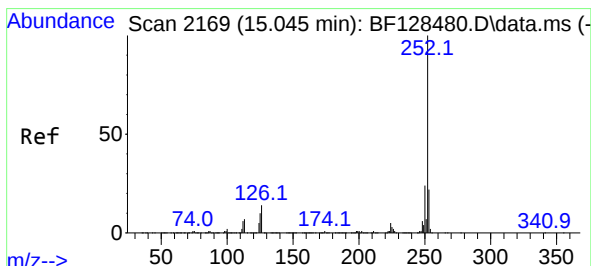
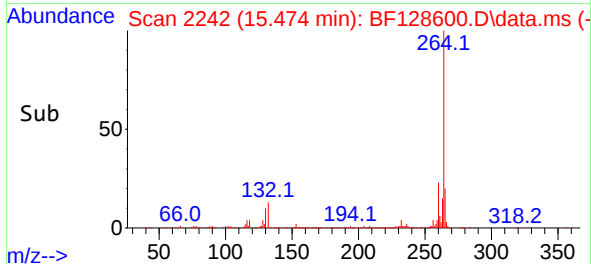
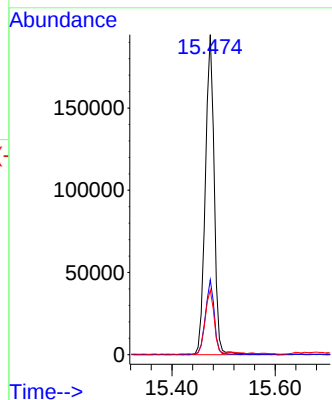
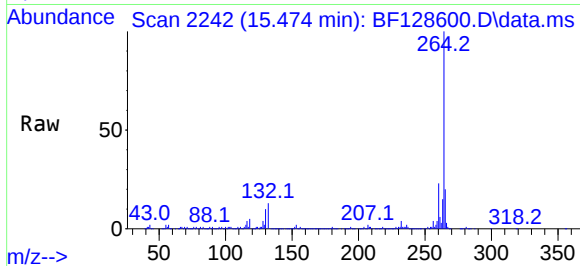
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.474 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF128600.D
Acq: 31 May 2022 17:53

Instrument :
BNA_F
ClientSampleId :
BB-9

Tgt Ion:264 Resp: 23200
Ion Ratio Lower Upper
264 100
260 23.4 18.4 27.6
265 20.2 17.2 25.8

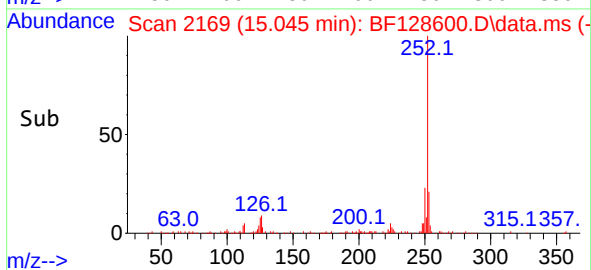
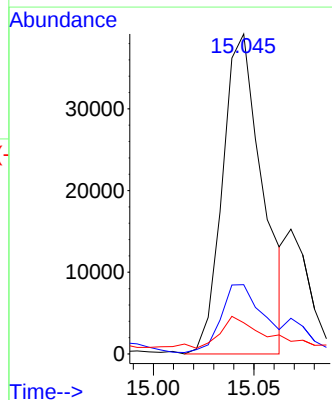
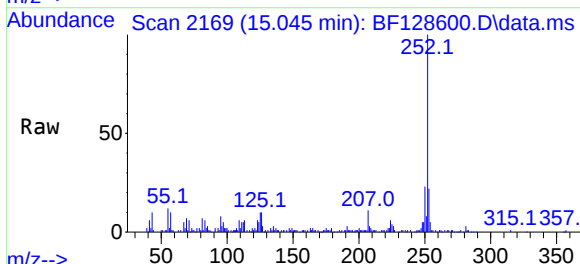
Manual Integrations
APPROVED

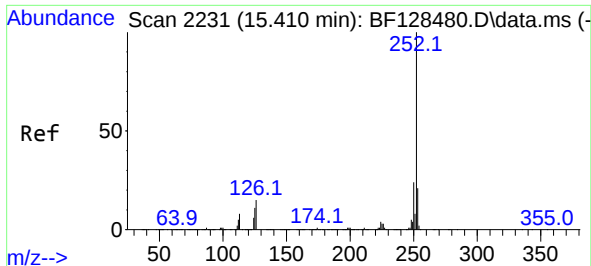
Reviewed By :Christian Giraldo 06/01/2022
Supervised By :Jagrut Upadhyay 06/01/2022



#88
Benzo(b)fluoranthene
Concen: 3.759 ng m
RT: 15.045 min Scan# 2169
Delta R.T. -0.000 min
Lab File: BF128600.D
Acq: 31 May 2022 17:53

Tgt Ion:252 Resp: 54246
Ion Ratio Lower Upper
252 100
253 21.6 17.7 26.5
125 9.8 8.0 12.0





#90

Benzo(a)pyrene

Concen: 2.655 ng

RT: 15.410 min Scan# 21

Delta R.T. -0.000 min

Lab File: BF128600.D

Acq: 31 May 2022 17:53

Instrument :

BNA_F

ClientSampleId :

BB-9

Tgt Ion:252 Resp: 30740

Ion Ratio Lower Upper

252 100

253 22.1 17.0 25.6

125 10.9 8.8 13.2

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 06/01/2022

Supervised By :Jagrut Upadhyay 06/01/2022

