

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061722\
 Data File : BF128861.D
 Acq On : 17 Jun 2022 18:40
 Operator : CG\JU
 Sample : N3364-01RE
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OK-02-061522RE

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 06/20/2022
 Supervised By : Jagrut Upadhyay 06/20/2022

Quant Time: Jun 18 05:07:19 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 14 14:53:53 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	63152	20.000	ng	0.00
21) Naphthalene-d8	8.063	136	247314	20.000	ng	0.00
39) Acenaphthene-d10	9.822	164	135700	20.000	ng	0.00
64) Phenanthrene-d10	11.304	188	176017	20.000	ng	-0.01
76) Chrysene-d12	13.957	240	149398	20.000	ng	# 0.00
86) Perylene-d12	15.415	264	106995	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	494350	124.686	ng	0.00
7) Phenol-d6	6.434	99	562670	116.262	ng	0.00
23) Nitrobenzene-d5	7.345	82	369177	69.500	ng	0.00
42) 2,4,6-Tribromophenol	10.616	330	133638	83.349	ng	0.00
45) 2-Fluorobiphenyl	9.139	172	695850	71.831	ng	0.00
79) Terphenyl-d14	12.898	244	597563	69.502	ng	0.00
Target Compounds						Qvalue
75) Fluoranthene	12.521	202	44256	4.796	ng	97
78) Pyrene	12.751	202	34822	3.133	ng	99
81) Benzo(a)anthracene	13.945	228	21624	2.322	ng	# 87
83) Chrysene	13.980	228	30809	3.470	ng	# 88
84) Bis(2-ethylhexyl)phtha...	13.933	149	15453	2.546	ng	# 95
87) Indeno(1,2,3-cd)pyrene	16.856	276	13196	2.046	ng	94
88) Benzo(b)fluoranthene	14.992	252	32472m	4.750	ng	
90) Benzo(a)pyrene	15.351	252	15389	2.864	ng	# 75
92) Benzo(g,h,i)perylene	17.303	276	14858	2.803	ng	# 85

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

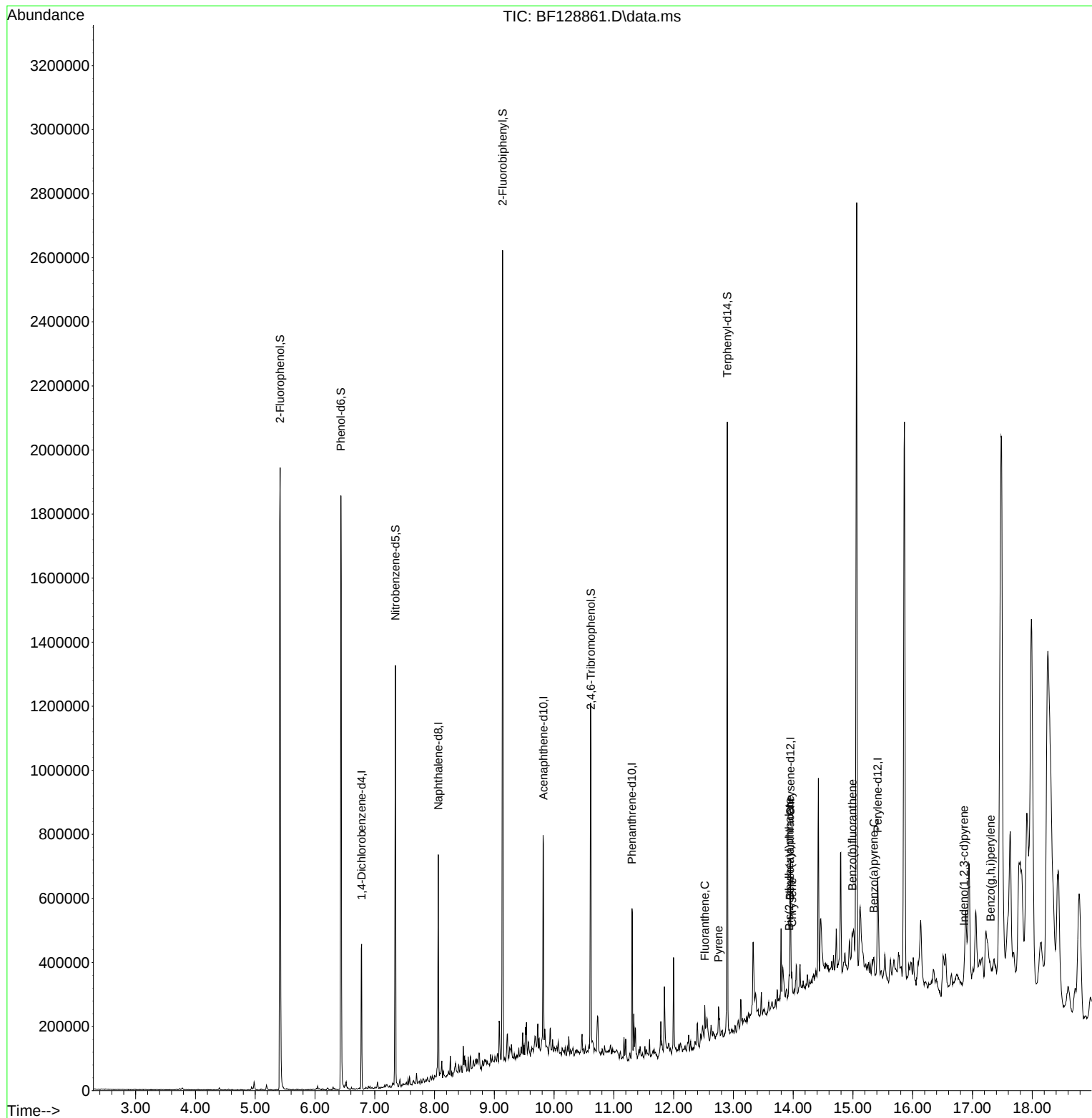
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061722\
Data File : BF128861.D
Acq On : 17 Jun 2022 18:40
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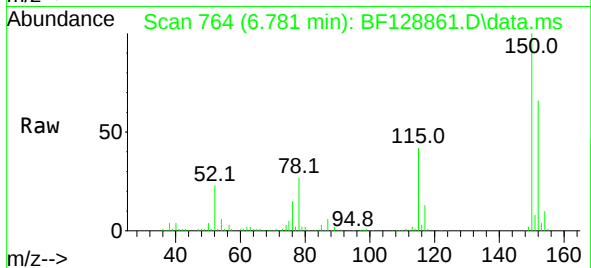
Reviewed By :Christian Giraldo 06/20/2022
Supervised By :Jagrut Upadhyay 06/20/2022





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 70
Delta R.T. -0.000 min
Lab File: BF128861.D
Acq: 17 Jun 2022 18:40

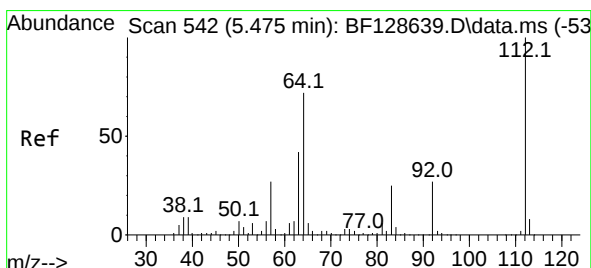
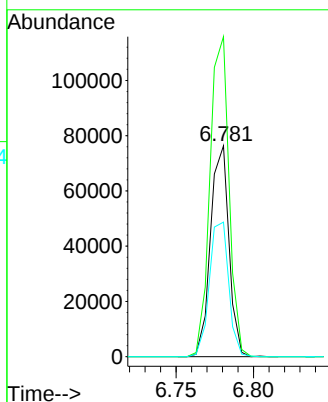
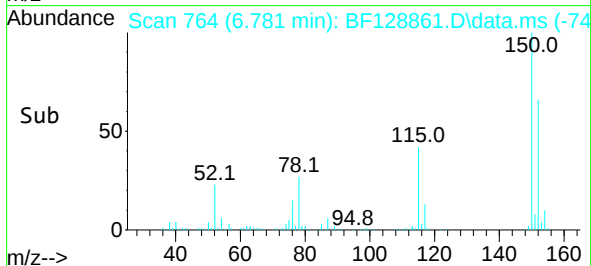
Instrument :
BNA_F
ClientSampleId :
OK-02-061522RE



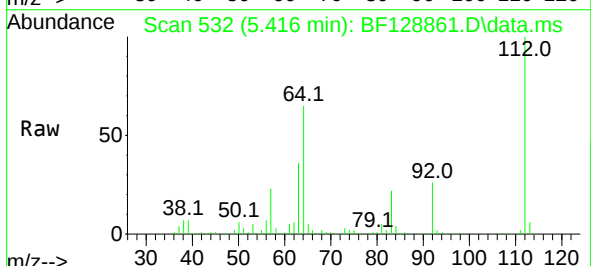
Tgt Ion:152 Resp: 63152
Ion Ratio Lower Upper
152 100
150 151.8 123.7 185.5
115 63.8 49.9 74.9

Manual Integrations
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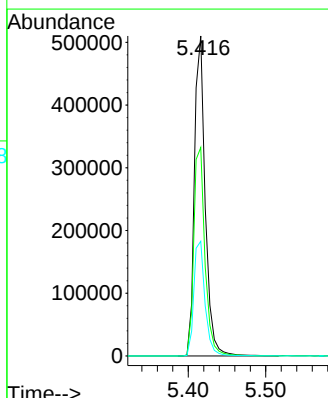
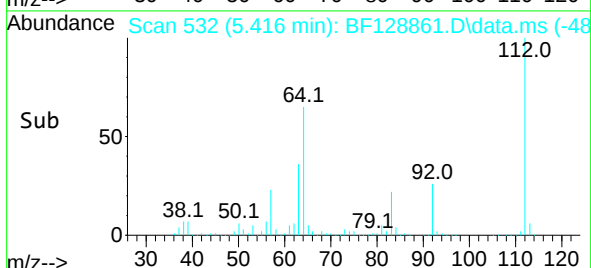
Reviewed By :Christian Giraldo 06/20/2022
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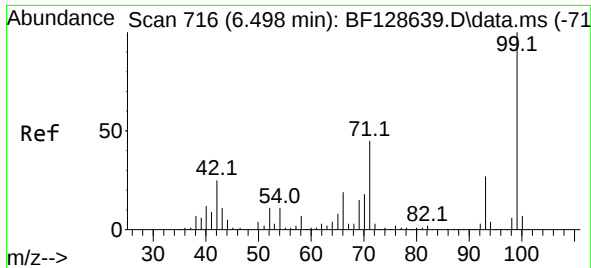


#5
2-Fluorophenol
Concen: 124.686 ng
RT: 5.416 min Scan# 532
Delta R.T. -0.000 min
Lab File: BF128861.D
Acq: 17 Jun 2022 18:40



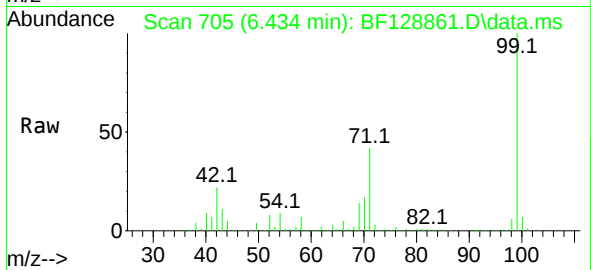
Tgt Ion:112 Resp: 494350
Ion Ratio Lower Upper
112 100
64 65.1 53.3 79.9
63 35.9 28.0 42.0





#7
Phenol-d6
Concen: 116.262 ng
RT: 6.434 min Scan# 705
Delta R.T. -0.006 min
Lab File: BF128861.D
Acq: 17 Jun 2022 18:40

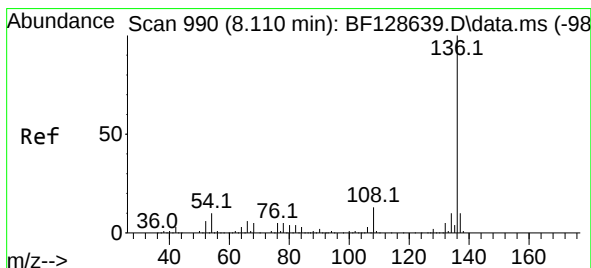
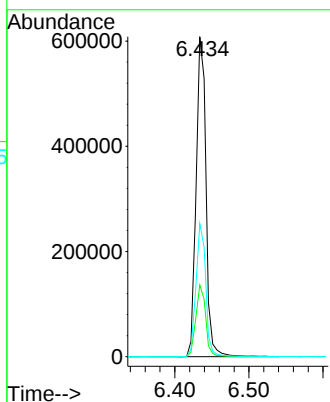
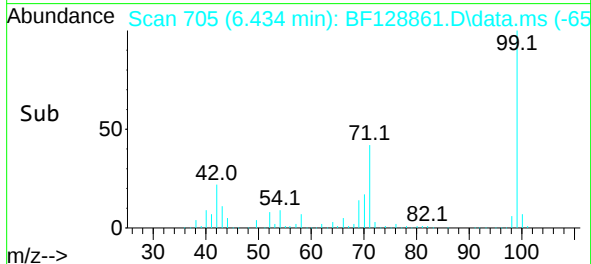
Instrument :
BNA_F
ClientSampleId :
OK-02-061522RE



Tgt Ion: 99 Resp: 562670
Ion Ratio Lower Upper
99 100
42 22.4 17.3 25.9
71 41.6 28.9 43.3

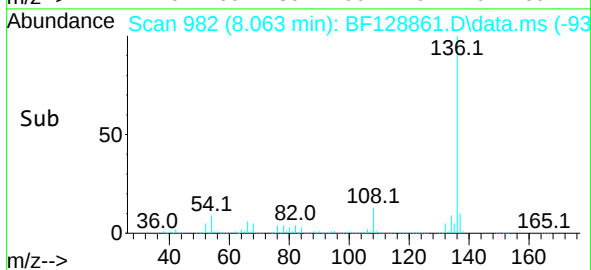
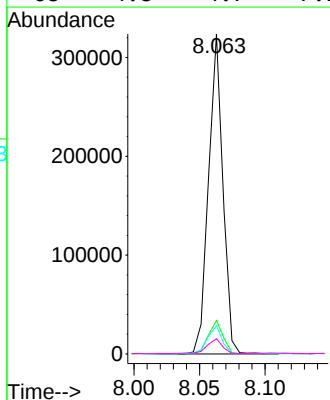
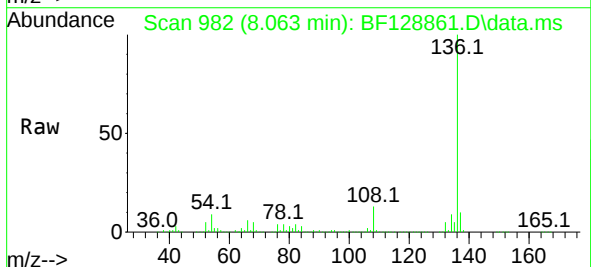
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Supervised By :Jagrut Upadhyay 06/20/2022



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.063 min Scan# 982
Delta R.T. -0.006 min
Lab File: BF128861.D
Acq: 17 Jun 2022 18:40

Tgt Ion:136 Resp: 247314
Ion Ratio Lower Upper
136 100
137 10.4 8.8 13.2
54 8.8 7.5 11.3
68 4.8 4.7 7.1





#23

Nitrobenzene-d5

Concen: 69.500 ng

RT: 7.345 min Scan# 80

Delta R.T. -0.006 min

Lab File: BF128861.D

Acq: 17 Jun 2022 18:40

Instrument :

BNA_F

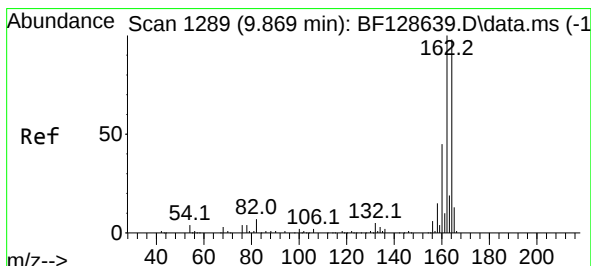
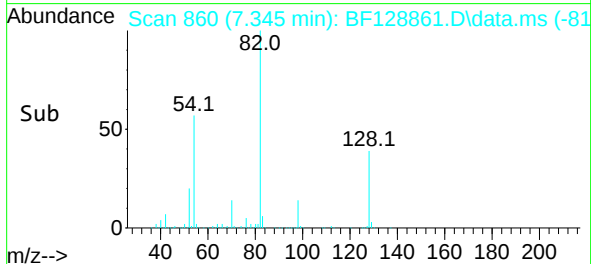
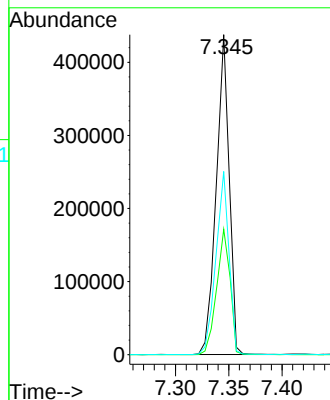
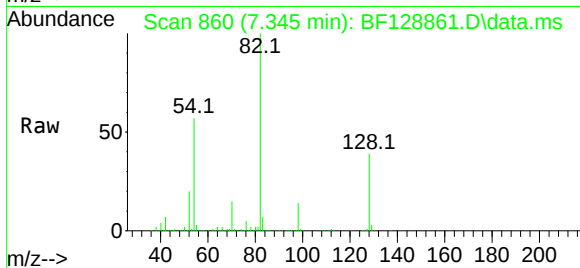
ClientSampleId :

OK-02-061522RE

Tgt Ion: 82 Resp: 36917
 Ion Ratio Lower Upper
 82 100
 128 39.2 34.0 51.0
 54 57.2 46.9 70.3

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#39

Acenaphthene-d10

Concen: 20.000 ng

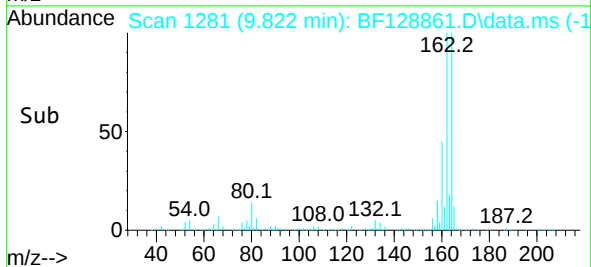
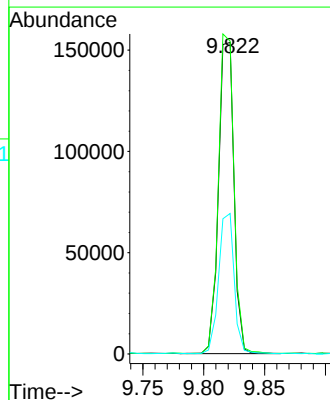
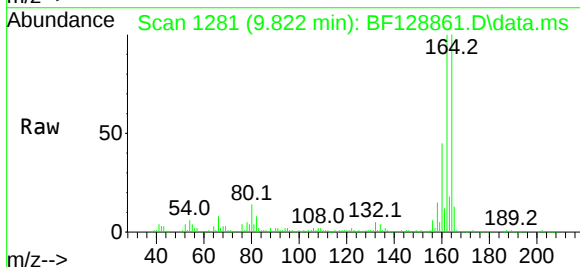
RT: 9.822 min Scan# 1281

Delta R.T. -0.006 min

Lab File: BF128861.D

Acq: 17 Jun 2022 18:40

Tgt Ion:164 Resp: 135700
 Ion Ratio Lower Upper
 164 100
 162 100.4 79.5 119.3
 160 45.1 34.2 51.4





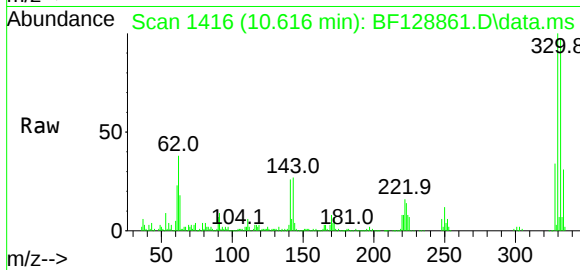
#42
2,4,6-Tribromophenol
Concen: 83.349 ng
RT: 10.616 min Scan# 1416
Delta R.T. -0.006 min
Lab File: BF128861.D
Acq: 17 Jun 2022 18:40

Instrument :

BNA_F

ClientSampleId :

OK-02-061522RE

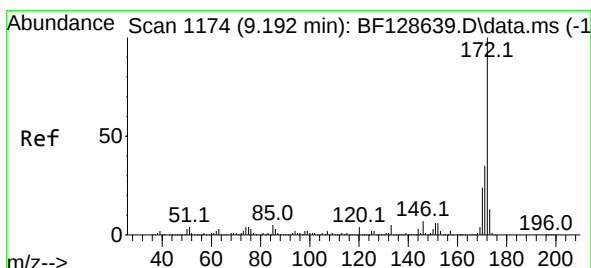
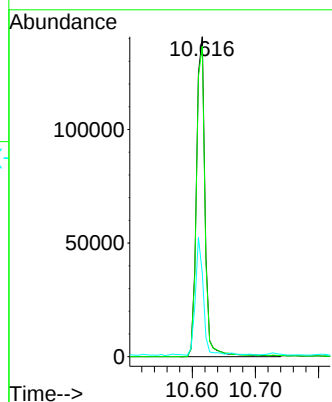
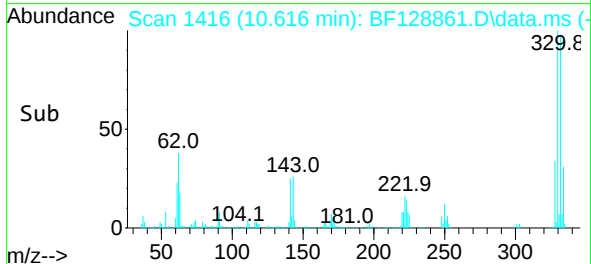


Tgt Ion:330 Resp: 133638
Ion Ratio Lower Upper
330 100
332 96.0 76.8 115.2
141 32.7 28.0 42.0

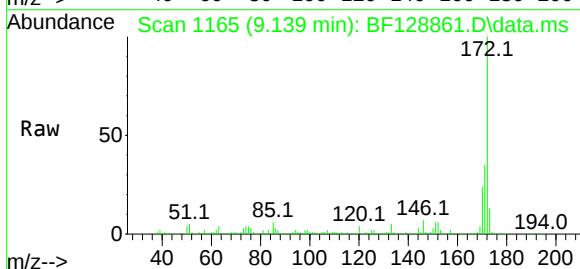
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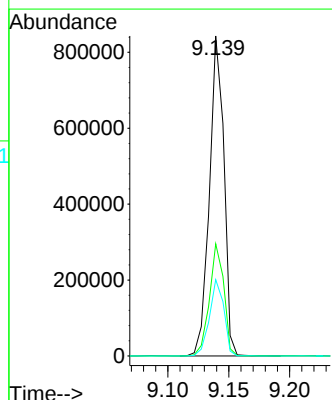
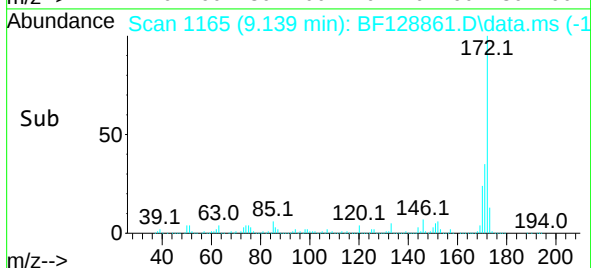
Reviewed By :Christian Giraldo 06/20/2022
Supervised By :Jagrut Upadhyay 06/20/2022



#45
2-Fluorobiphenyl
Concen: 71.831 ng
RT: 9.139 min Scan# 1165
Delta R.T. -0.006 min
Lab File: BF128861.D
Acq: 17 Jun 2022 18:40



Tgt Ion:172 Resp: 695850
Ion Ratio Lower Upper
172 100
171 35.1 28.8 43.2
170 23.8 19.8 29.8





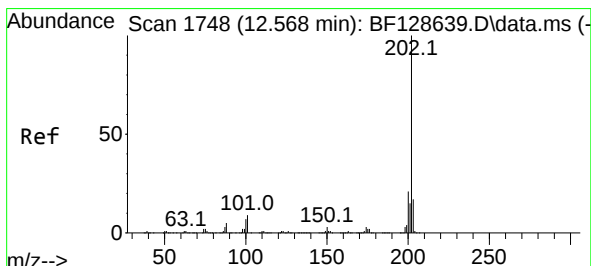
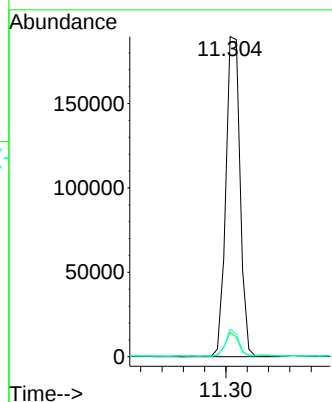
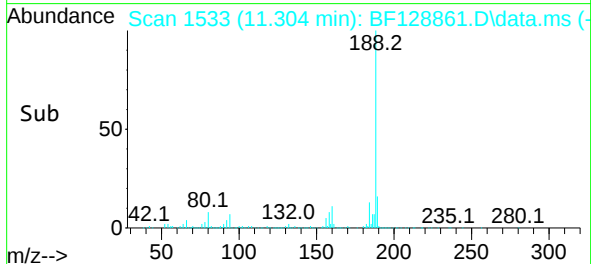
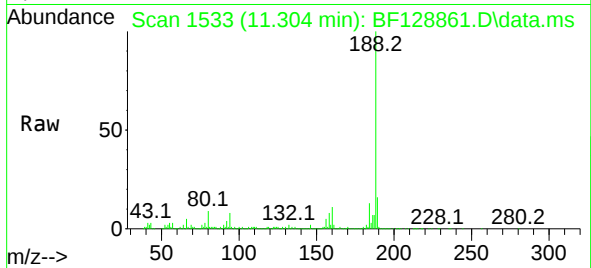
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.304 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF128861.D
Acq: 17 Jun 2022 18:40

Instrument :
BNA_F
ClientSampleId :
OK-02-061522RE

Tgt Ion:188 Resp: 17601
Ion Ratio Lower Upper
188 100
94 7.6 7.0 10.6
80 8.6 7.6 11.4

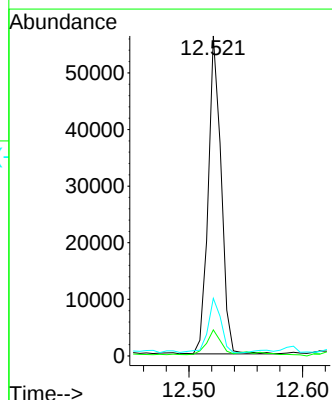
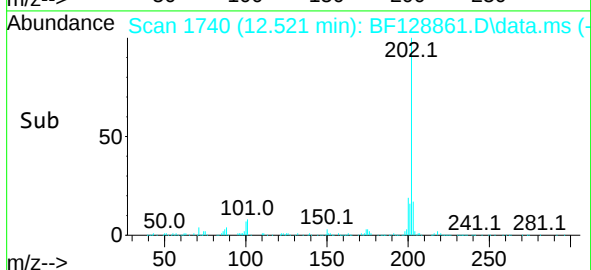
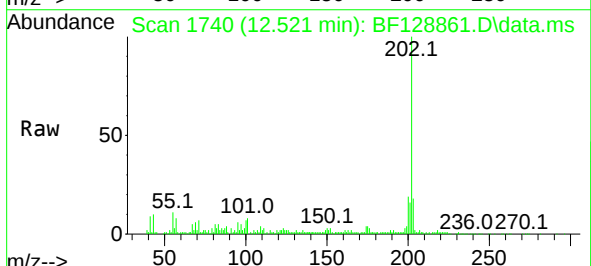
Manual Integrations
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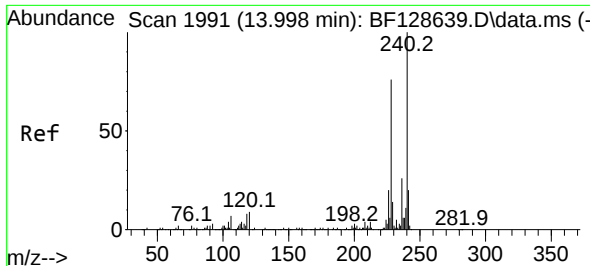
Reviewed By :Christian Giraldo 06/20/2022
Supervised By :Jagrut Upadhyay 06/20/2022



#75
Fluoranthene
Concen: 4.796 ng
RT: 12.521 min Scan# 1740
Delta R.T. -0.006 min
Lab File: BF128861.D
Acq: 17 Jun 2022 18:40

Tgt Ion:202 Resp: 44256
Ion Ratio Lower Upper
202 100
101 8.1 0.0 31.4
203 18.0 0.0 38.0





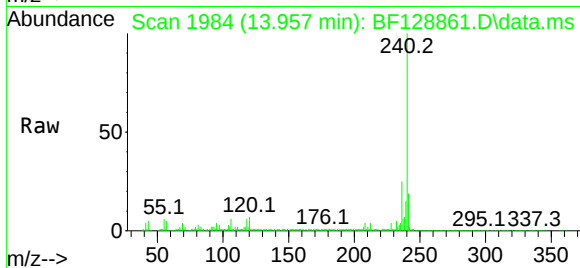
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.957 min Scan# 1991
Delta R.T. -0.006 min
Lab File: BF128861.D
Acq: 17 Jun 2022 18:40

Instrument :

BNA_F

ClientSampleId :

OK-02-061522RE

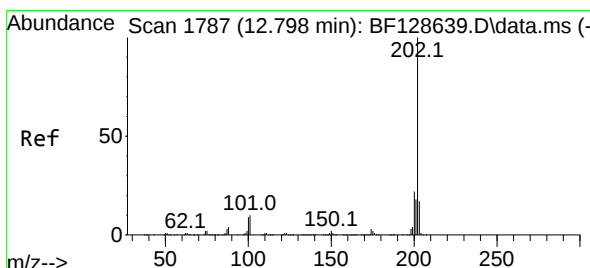
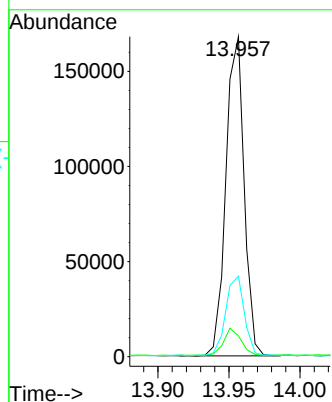
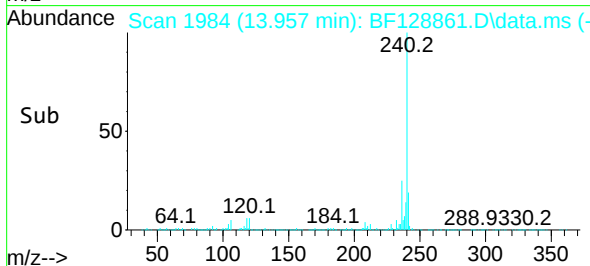


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Ion Ratio Lower Upper
240 100
120 6.5 8.9 13.3
236 25.2 20.8 31.2

Manual Integrations

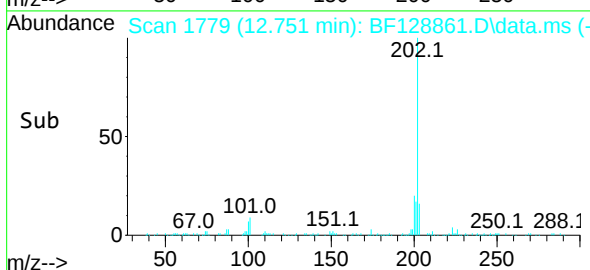
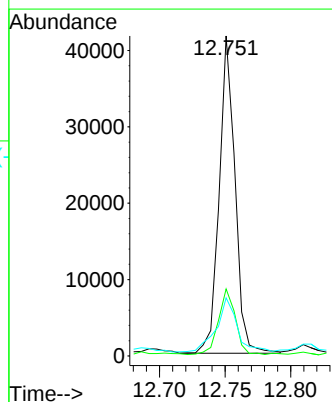
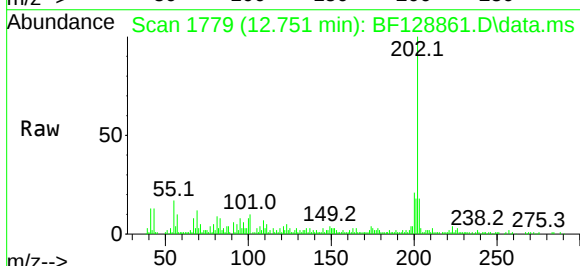
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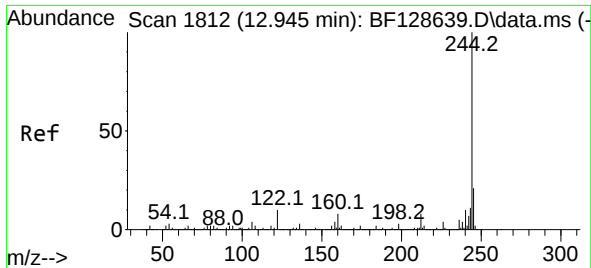
Reviewed By :Christian Giraldo 06/20/2022
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#78
Pyrene
Concen: 3.133 ng
RT: 12.751 min Scan# 1779
Delta R.T. -0.006 min
Lab File: BF128861.D
Acq: 17 Jun 2022 18:40

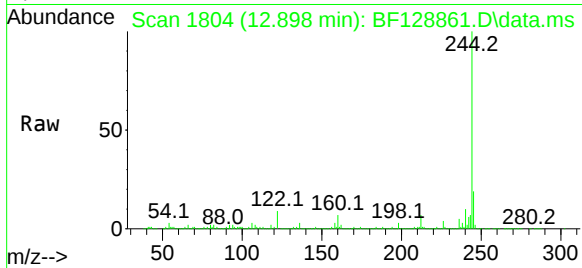
Tgt Ion:202 Resp: 34822
Ion Ratio Lower Upper
202 100
200 20.9 17.7 26.5
203 18.1 14.6 21.8





#79
 Terphenyl-d14
 Concen: 69.502 ng
 RT: 12.898 min Scan# 1804
 Delta R.T. -0.006 min
 Lab File: BF128861.D
 Acq: 17 Jun 2022 18:40

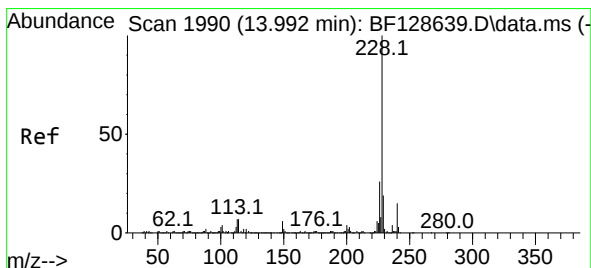
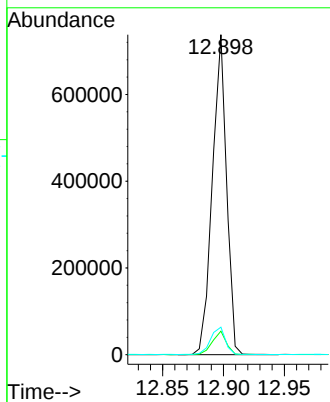
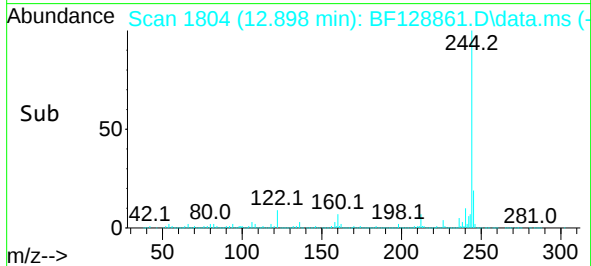
Instrument :
 BNA_F
 ClientSampleId :
 OK-02-061522RE



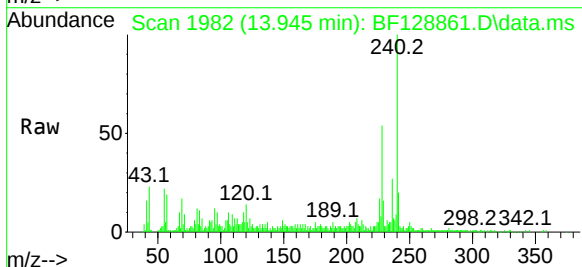
Tgt Ion:244 Resp: 59756
 Ion Ratio Lower Upper
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 212 7.4 6.1 9.1
 122 8.6 8.8 13.2

Manual Integrations
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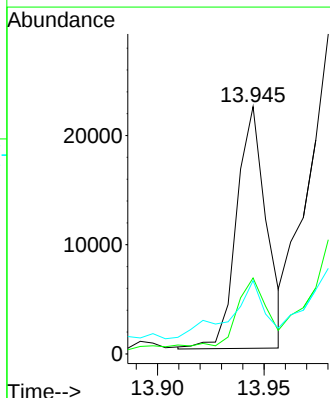
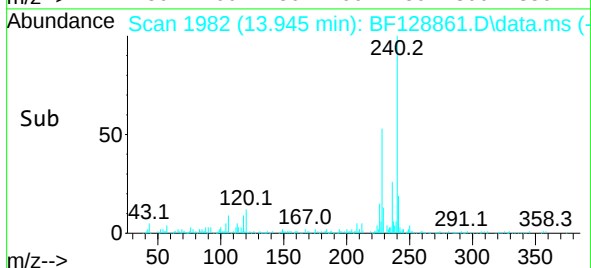
Reviewed By :Christian Giraldo 06/20/2022
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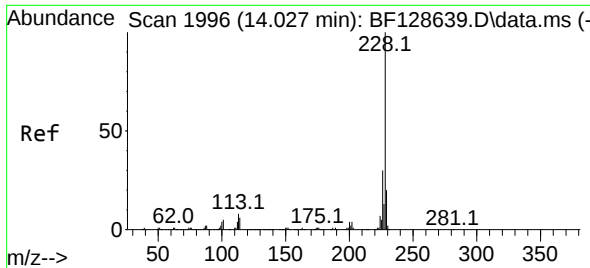


#81
 Benzo(a)anthracene
 Concen: 2.322 ng
 RT: 13.945 min Scan# 1982
 Delta R.T. -0.006 min
 Lab File: BF128861.D
 Acq: 17 Jun 2022 18:40



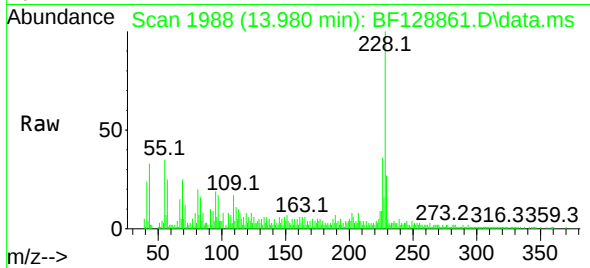
Tgt Ion:228 Resp: 21624
 Ion Ratio Lower Upper
 228 100
 226 30.8 22.1 33.1
 229 29.6 15.8 23.8





#83
Chrysene
Concen: 3.470 ng
RT: 13.980 min Scan# 1996
Delta R.T. -0.012 min
Lab File: BF128861.D
Acq: 17 Jun 2022 18:40

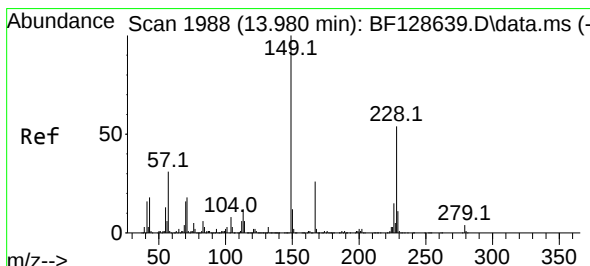
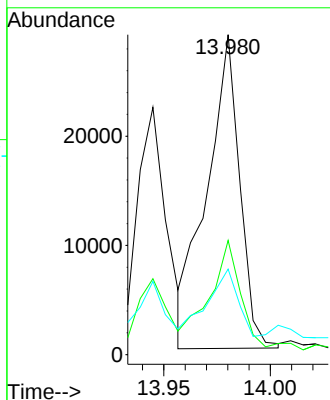
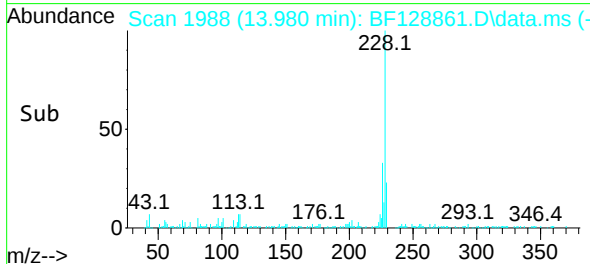
Instrument :
BNA_F
ClientSampleId :
OK-02-061522RE



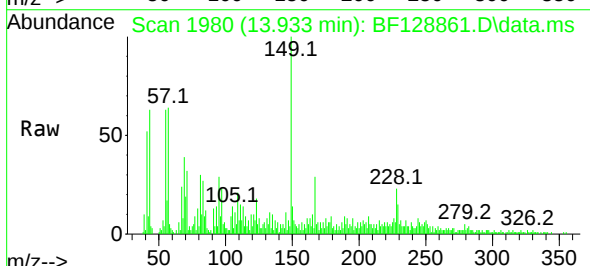
Tgt Ion:228 Resp: 30809
Ion Ratio Lower Upper
228 100
226 35.7 24.3 36.5
229 26.7 15.9 23.9

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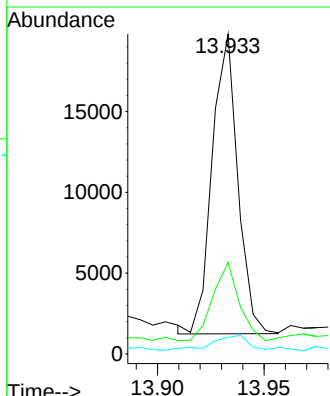
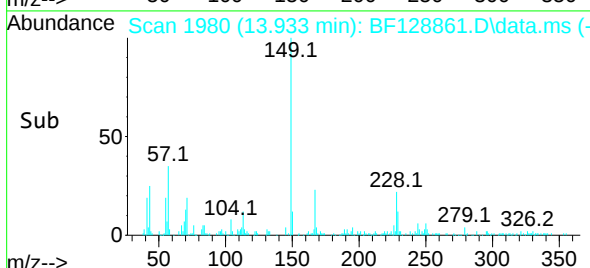
Reviewed By :Christian Giraldo 06/20/2022
Supervised By :Jagrut Upadhyay 06/20/2022

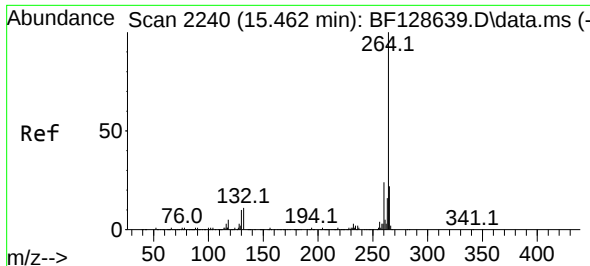


#84
Bis(2-ethylhexyl)phthalate
Concen: 2.546 ng
RT: 13.933 min Scan# 1980
Delta R.T. -0.006 min
Lab File: BF128861.D
Acq: 17 Jun 2022 18:40



Tgt Ion:149 Resp: 15453
Ion Ratio Lower Upper
149 100
167 28.6 21.0 31.4
279 5.2 3.1 4.7





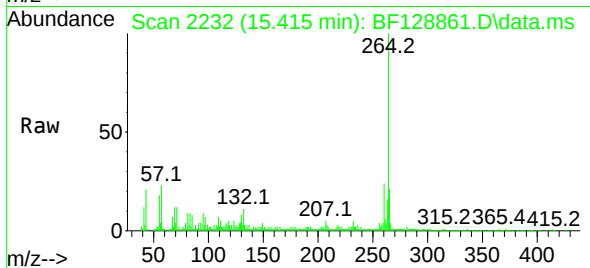
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.415 min Scan# 21
Delta R.T. -0.000 min
Lab File: BF128861.D
Acq: 17 Jun 2022 18:40

Instrument :

BNA_F

ClientSampleId :

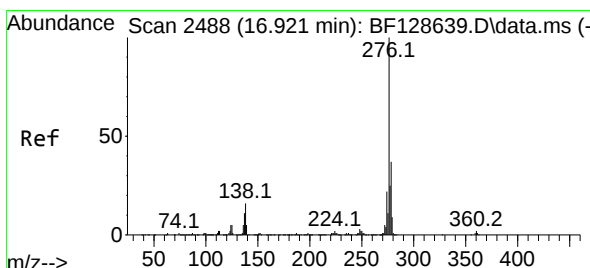
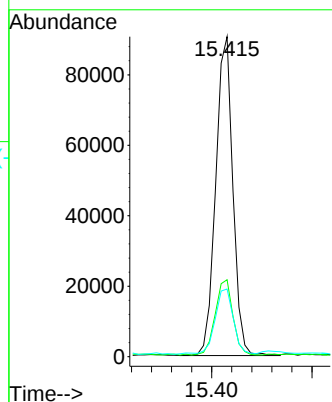
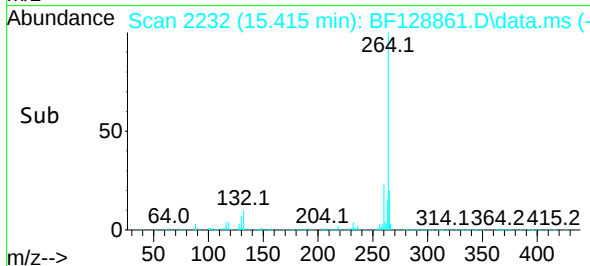
OK-02-061522RE



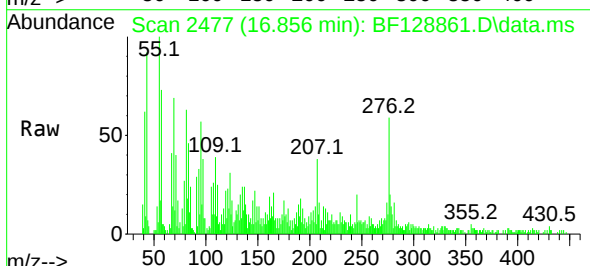
Tgt Ion:264 Resp: 10699
Ion Ratio Lower Upper
264 100
260 24.1 18.4 27.6
265 21.2 17.2 25.8

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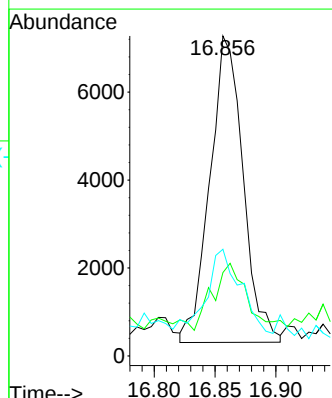
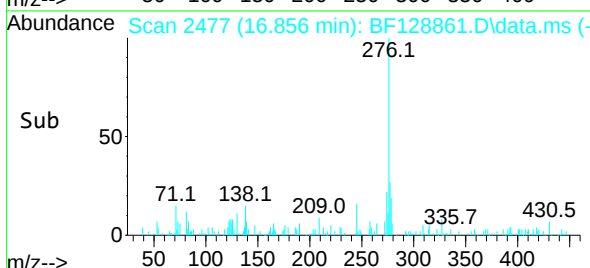
Reviewed By :Christian Giraldo 06/20/2022
Supervised By :Jagrut Upadhyay 06/20/2022

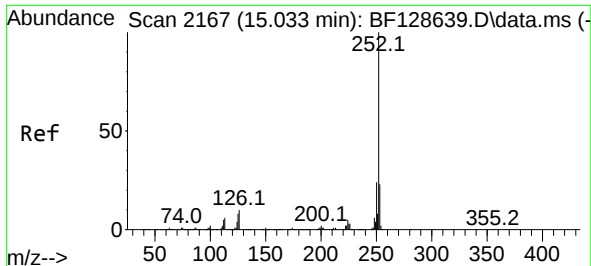


#87
Indeno(1,2,3-cd)pyrene
Concen: 2.046 ng
RT: 16.856 min Scan# 2477
Delta R.T. -0.006 min
Lab File: BF128861.D
Acq: 17 Jun 2022 18:40



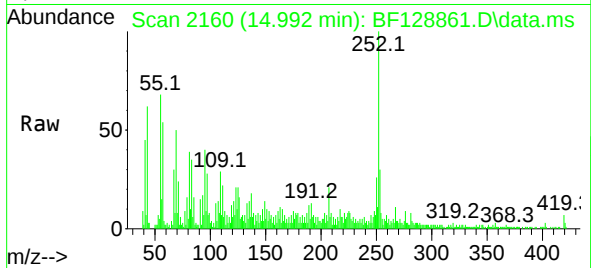
Tgt Ion:276 Resp: 13196
Ion Ratio Lower Upper
276 100
138 22.9 21.1 31.7
277 28.2 20.3 30.5





#88
Benzo(b)fluoranthene
Concen: 4.750 ng m
RT: 14.992 min Scan# 2167
Delta R.T. -0.000 min
Lab File: BF128861.D
Acq: 17 Jun 2022 18:40

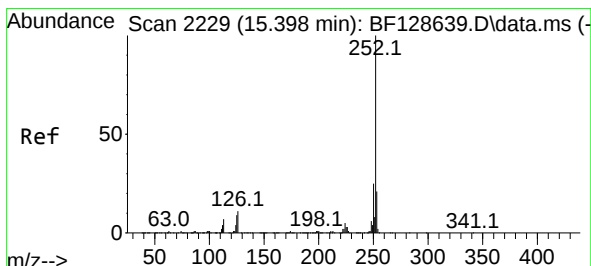
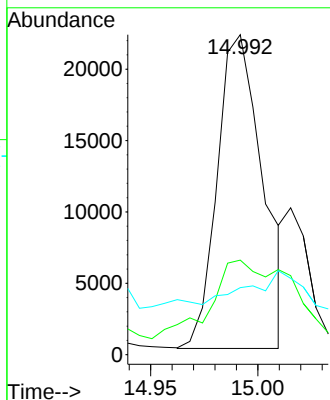
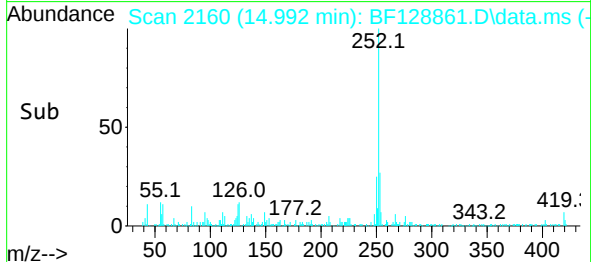
Instrument :
BNA_F
ClientSampleId :
OK-02-061522RE



Tgt Ion:252 Resp: 32472
Ion Ratio Lower Upper
252 100
253 29.6 17.7 26.5#
125 20.9 8.0 12.0#

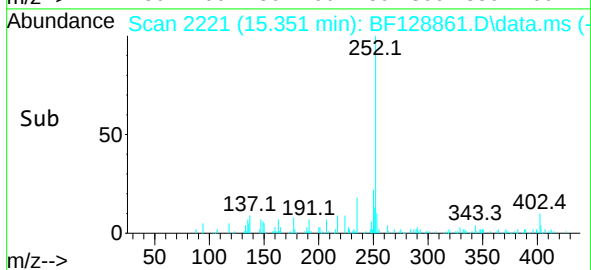
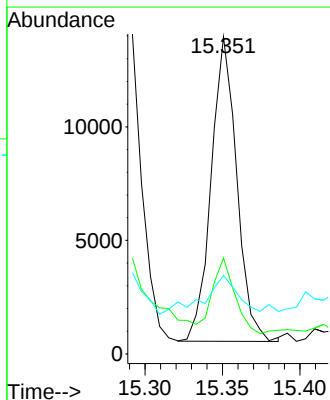
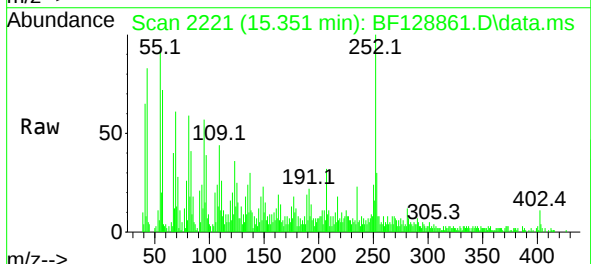
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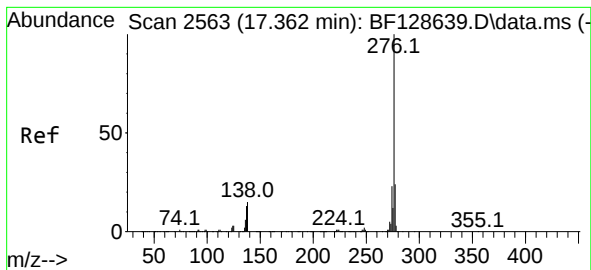
Reviewed By :Christian Giraldo 06/20/2022
Supervised By :Jagrut Upadhyay 06/20/2022



#90
Benzo(a)pyrene
Concen: 2.864 ng
RT: 15.351 min Scan# 2221
Delta R.T. -0.006 min
Lab File: BF128861.D
Acq: 17 Jun 2022 18:40

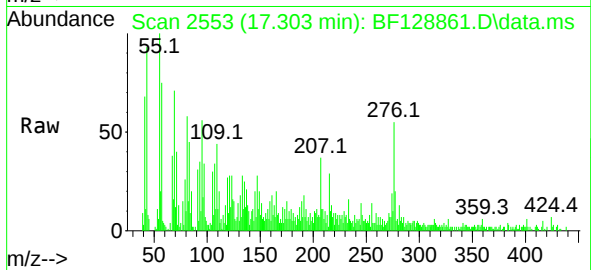
Tgt Ion:252 Resp: 15389
Ion Ratio Lower Upper
252 100
253 30.2 17.0 25.6#
125 24.7 8.8 13.2#





#92
Benzo(g,h,i)perylene
Concen: 2.803 ng
RT: 17.303 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF128861.D
Acq: 17 Jun 2022 18:40

Instrument :
BNA_F
ClientSampleId :
OK-02-061522RE



Tgt Ion:276 Resp: 14858
Ion Ratio Lower Upper
276 100
277 37.0 19.1 28.7
138 24.3 18.0 27.0

Manual Integrations
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Reviewed By :Christian Giraldo 06/20/2022
Supervised By :Jagrut Upadhyay 06/20/2022

