

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050422\
 Data File : BF128079.D
 Acq On : 04 May 2022 18:49
 Operator : CG\JU
 Sample : N2659-02RE
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 22L097-BRE

Manual Integrations
 APPROVED

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

Quant Time: May 05 06:06:36 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 04 04:23:29 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.910	152	86526	20.000	ng	0.00
21) Naphthalene-d8	8.198	136	326902	20.000	ng	0.00
39) Acenaphthene-d10	9.957	164	171345	20.000	ng	0.00
64) Phenanthrene-d10	11.445	188	255796	20.000	ng	-0.01
76) Chrysene-d12	14.092	240	201288	20.000	ng	-0.01
86) Perylene-d12	15.604	264	154247	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.534	112	17229	3.172	ng	0.00
7) Phenol-d6	6.539	99	348675	49.465	ng	-0.01
23) Nitrobenzene-d5	7.475	82	429316	61.756	ng	-0.01
42) 2,4,6-Tribromophenol	10.745	330	477	0.277	ng	-0.01
45) 2-Fluorobiphenyl	9.275	172	720256	71.113	ng	0.00
79) Terphenyl-d14	13.033	244	598620	54.380	ng	-0.01
Target Compounds						Qvalue
15) Benzyl Alcohol	7.051	79	14955	3.120	ng	98
71) Phenanthrene	11.468	178	83813	6.259	ng	98
75) Fluoranthene	12.663	202	98991	7.025	ng	96
78) Pyrene	12.892	202	91578	5.636	ng	98
81) Benzo(a)anthracene	14.086	228	44996	3.354	ng	95
83) Chrysene	14.121	228	44054	3.438	ng	98
88) Benzo(b)fluoranthene	15.156	252	47788m	4.933	ng	
90) Benzo(a)pyrene	15.533	252	28777	3.581	ng	# 88

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

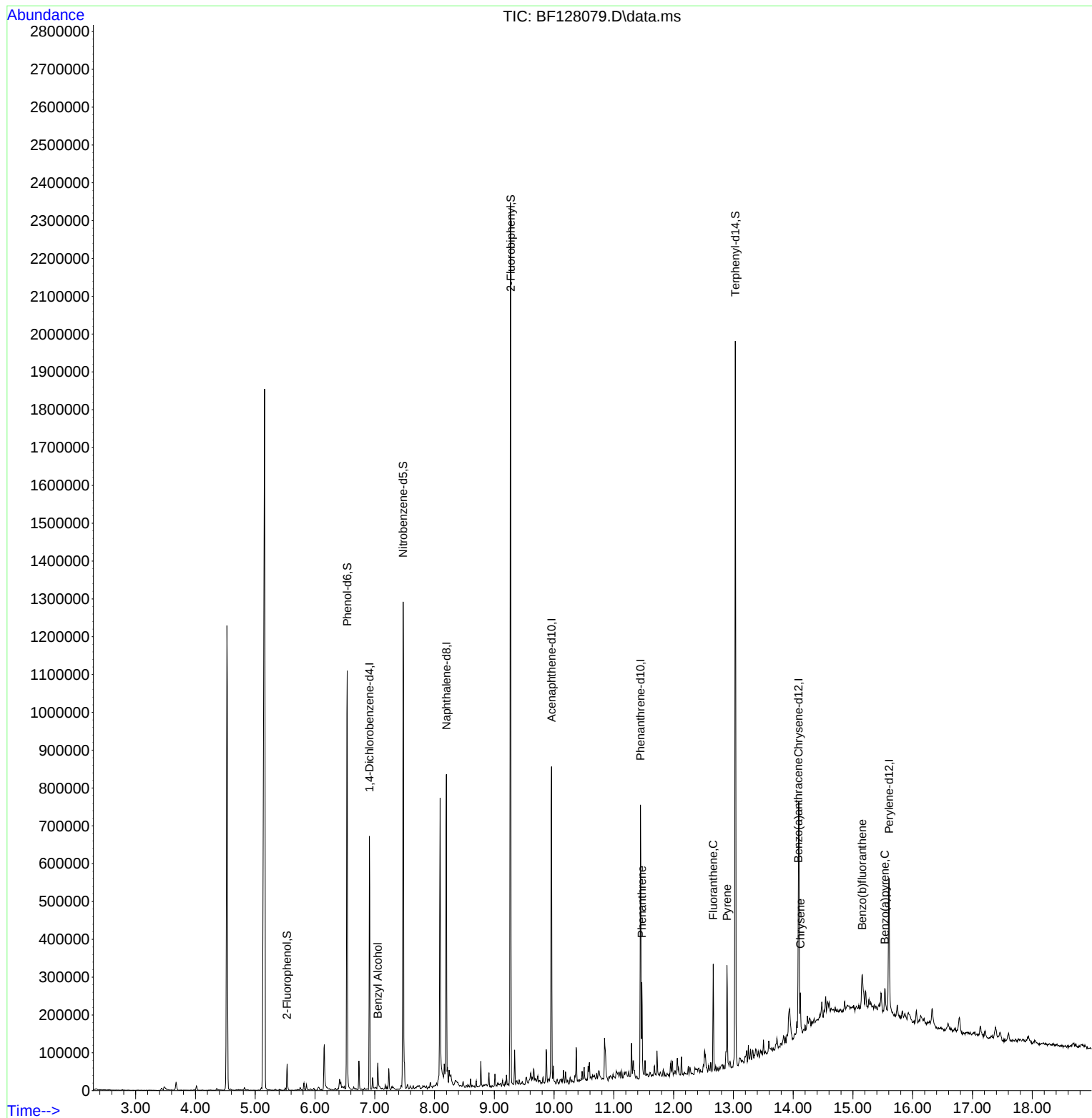
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050422\
Data File : BF128079.D
Acq On : 04 May 2022 18:49
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Misc :
ALS Vial : 20 Sample Multiplier: 1

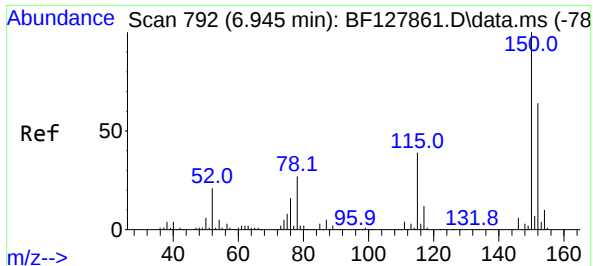
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 04 04:23:29 2022
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.910 min Scan# 792
Delta R.T. -0.006 min
Lab File: BF128079.D
Acq: 04 May 2022 18:49

Instrument :

BNA_F

ClientSampleId :

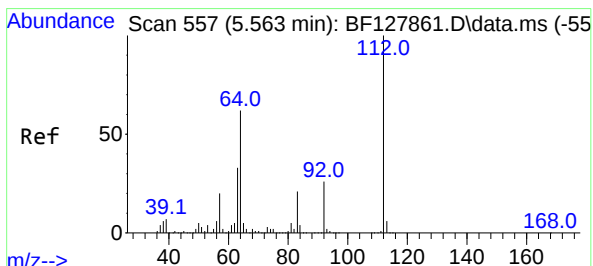
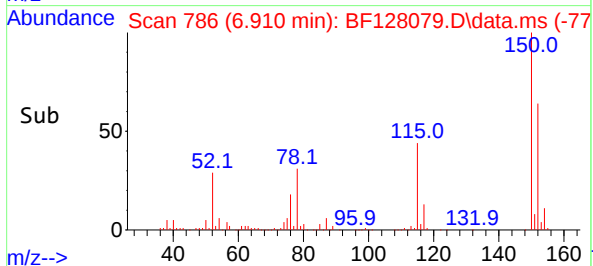
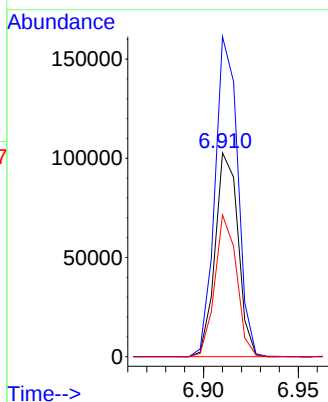
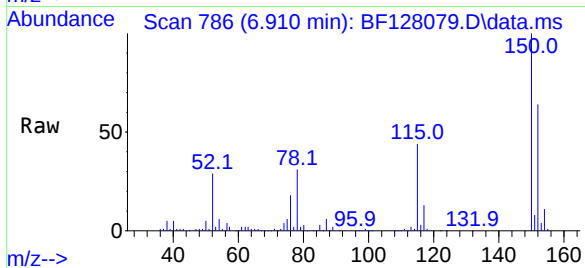
22L097-BRE

Tgt Ion:152 Resp: 86520
Ion Ratio Lower Upper
152 100
150 156.9 125.3 187.9
115 69.5 48.8 73.2

Manual Integrations

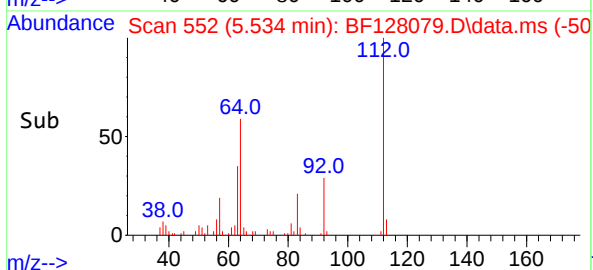
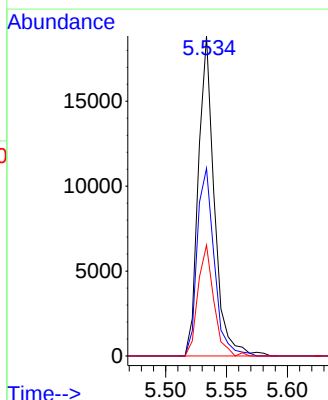
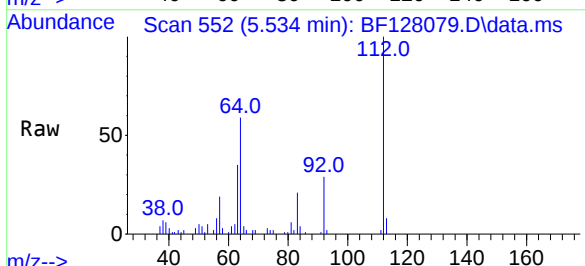
APPROVED

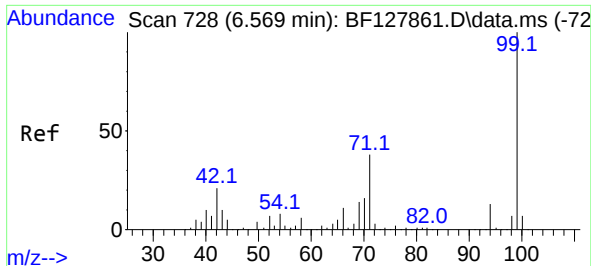
Reviewed By :Christian Giraldo 05/05/2022
Supervised By :Jagrut Upadhyay 05/05/2022



#5
2-Fluorophenol
Concen: 3.172 ng
RT: 5.534 min Scan# 552
Delta R.T. -0.006 min
Lab File: BF128079.D
Acq: 04 May 2022 18:49

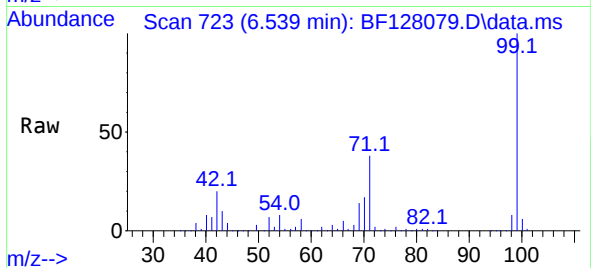
Tgt Ion:112 Resp: 17229
Ion Ratio Lower Upper
112 100
64 58.7 49.5 74.3
63 34.7 26.3 39.5





#7
Phenol-d6
Concen: 49.465 ng
RT: 6.539 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF128079.D
Acq: 04 May 2022 18:49

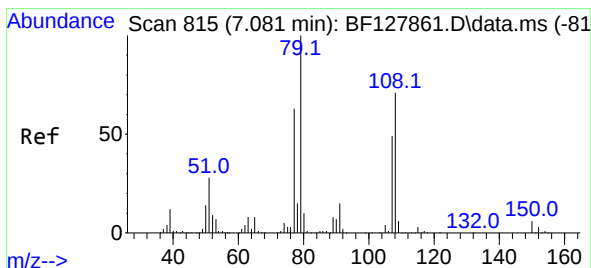
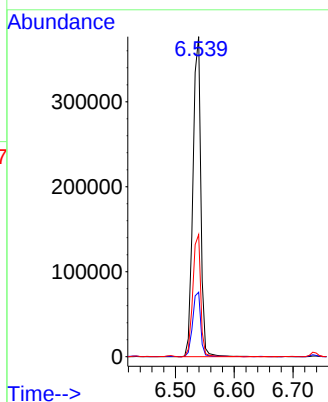
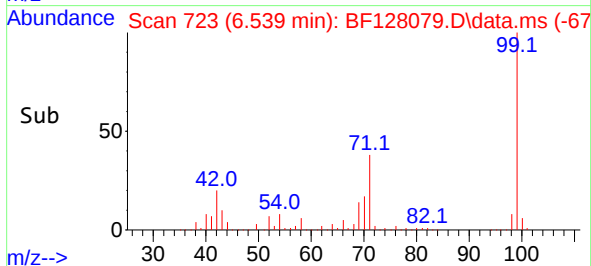
Instrument :
BNA_F
ClientSampleId :
22L097-BRE



Tgt Ion: 99 Resp: 34867
Ion Ratio Lower Upper
99 100
42 20.1 16.6 24.8
71 38.2 30.0 45.0

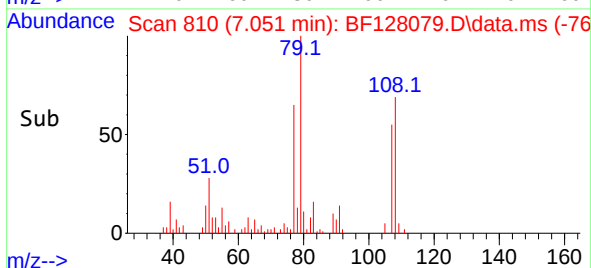
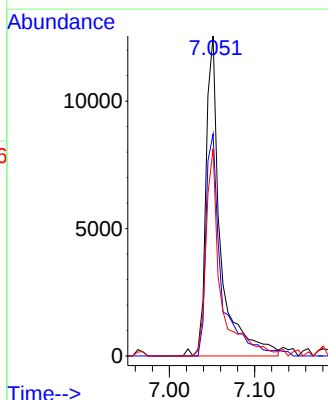
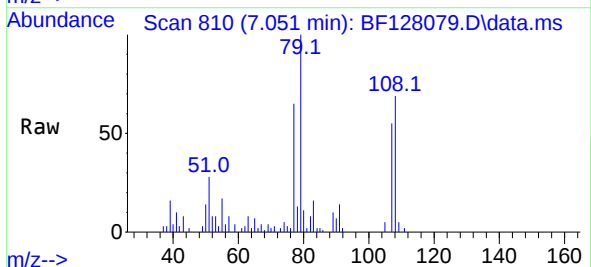
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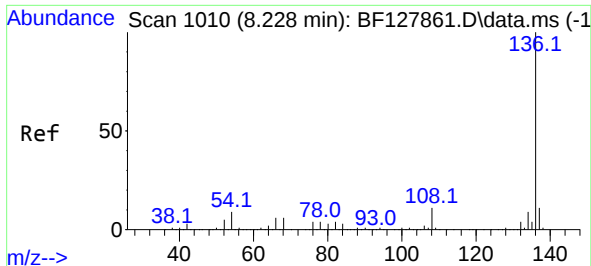
Reviewed By :Christian Giraldo 05/05/2022
Supervised By :Jagrut Upadhyay 05/05/2022



#15
Benzyl Alcohol
Concen: 3.120 ng
RT: 7.051 min Scan# 810
Delta R.T. -0.012 min
Lab File: BF128079.D
Acq: 04 May 2022 18:49

Tgt Ion: 79 Resp: 14955
Ion Ratio Lower Upper
79 100
108 69.4 57.0 85.6
77 64.8 50.2 75.4





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.198 min Scan# 1010
Delta R.T. -0.006 min
Lab File: BF128079.D
Acq: 04 May 2022 18:49

Instrument :

BNA_F

ClientSampleId :

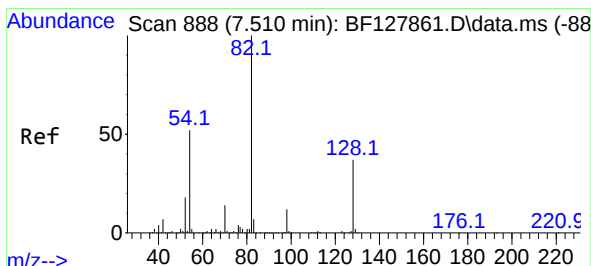
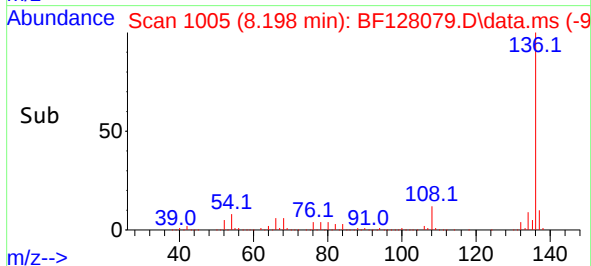
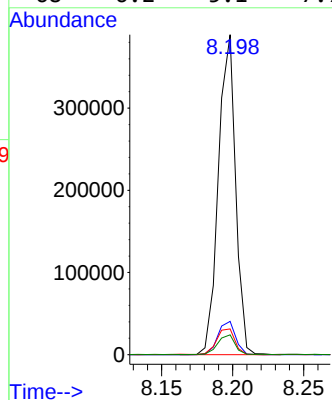
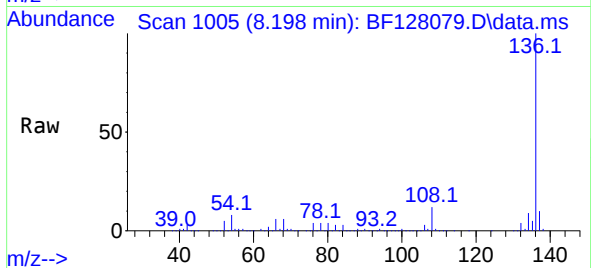
22L097-BRE

Tgt Ion:	136	Resp:	32690
Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.6	13.0
54	8.1	6.8	10.2
68	6.2	5.1	7.7

Manual Integrations

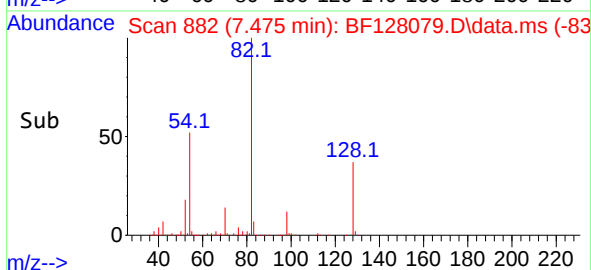
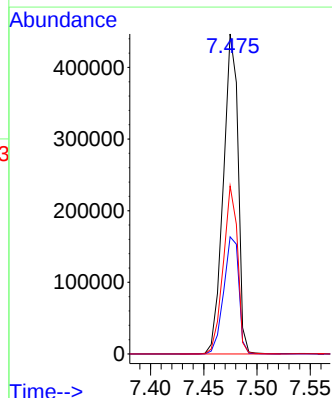
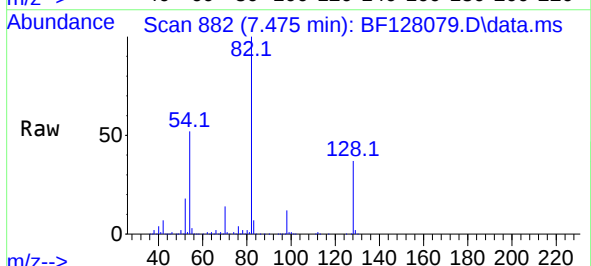
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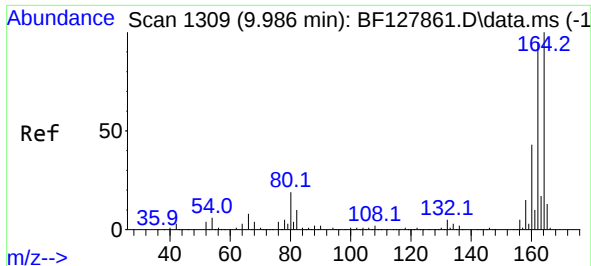
Reviewed By :Christian Giraldo 05/05/2022
Supervised By :Jagrut Upadhyay 05/05/2022



#23
Nitrobenzene-d5
Concen: 61.756 ng
RT: 7.475 min Scan# 882
Delta R.T. -0.012 min
Lab File: BF128079.D
Acq: 04 May 2022 18:49

Tgt Ion:	82	Resp:	429316
Ion	Ratio	Lower	Upper
82	100		
128	36.6	30.0	45.0
54	52.5	41.3	61.9





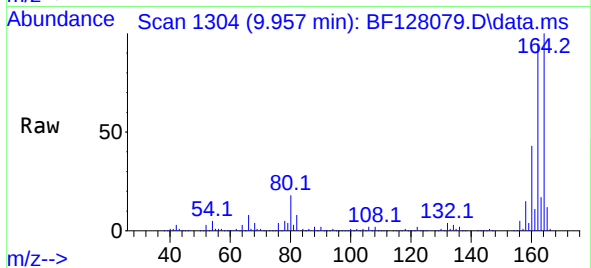
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.957 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF128079.D
Acq: 04 May 2022 18:49

Instrument :

BNA_F

ClientSampleId :

22L097-BRE

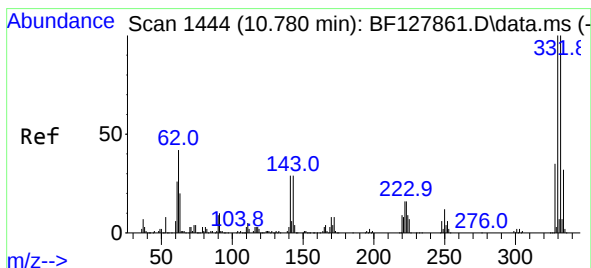
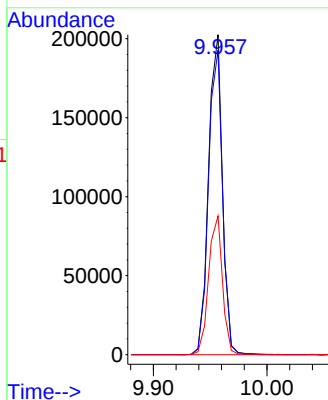
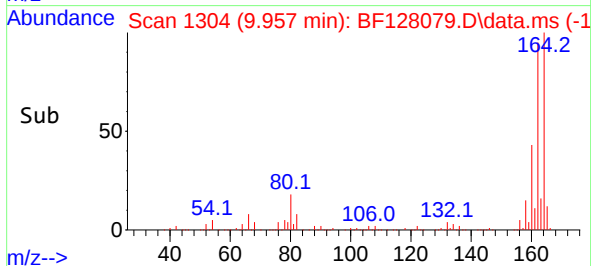


Tgt Ion:164 Resp: 17134
Ion Ratio Lower Upper
164 100
162 95.1 76.0 114.0
160 43.3 34.8 52.2

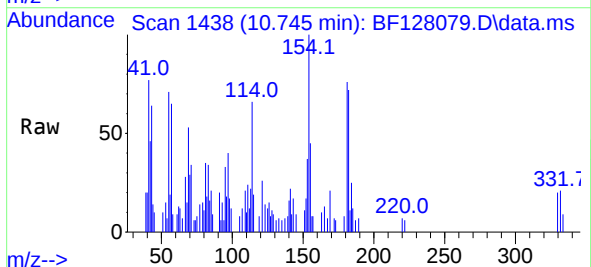
Manual Integrations

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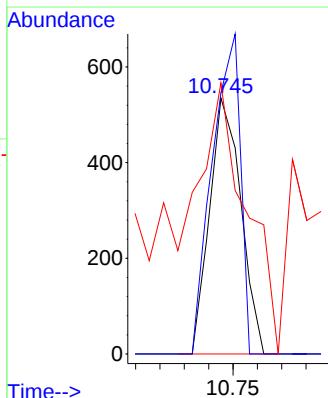
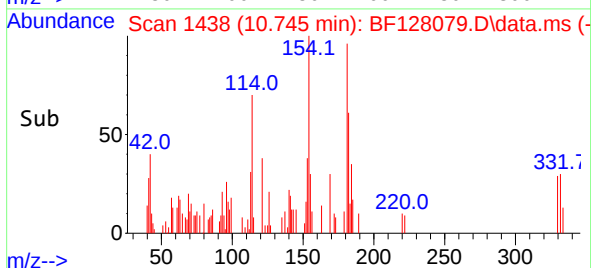
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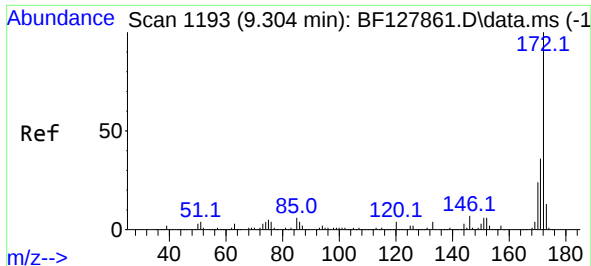


#42
2,4,6-Tribromophenol
Concen: 0.277 ng
RT: 10.745 min Scan# 1438
Delta R.T. -0.012 min
Lab File: BF128079.D
Acq: 04 May 2022 18:49



Tgt Ion:330 Resp: 477
Ion Ratio Lower Upper
330 100
332 112.8 79.0 118.4
141 161.8 28.9 43.3#





#45
2-Fluorobiphenyl
Concen: 71.113 ng
RT: 9.275 min Scan# 1188
Delta R.T. -0.006 min
Lab File: BF128079.D
Acq: 04 May 2022 18:49

Instrument :

BNA_F

ClientSampleId :

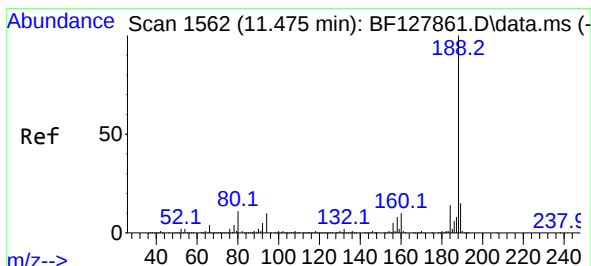
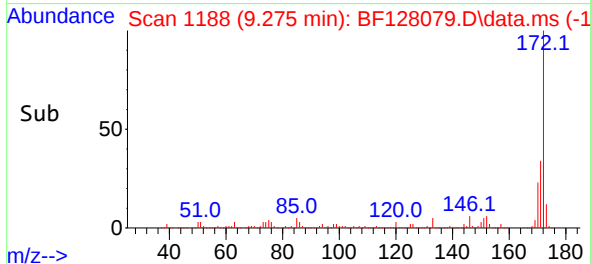
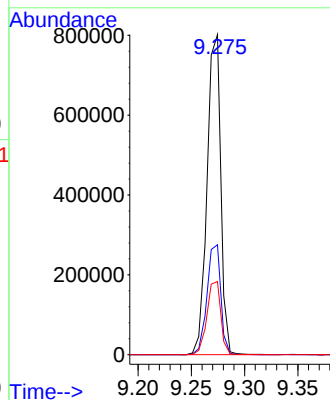
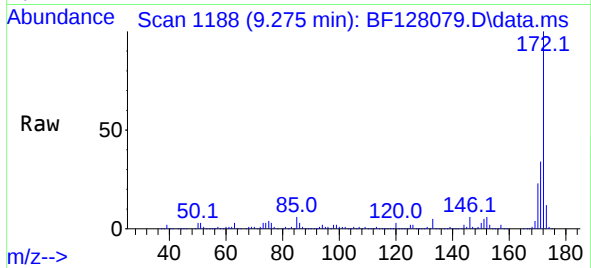
22L097-BRE

Tgt Ion:172 Resp: 720250
Ion Ratio Lower Upper
172 100
171 34.3 28.6 42.8
170 22.9 19.1 28.7

Manual Integrations

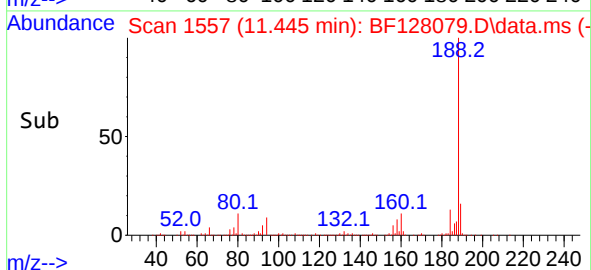
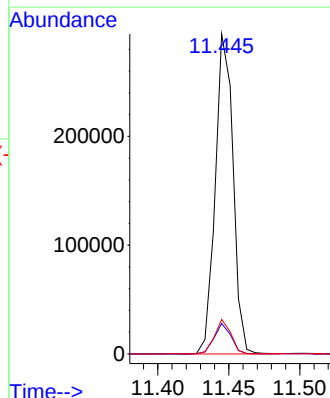
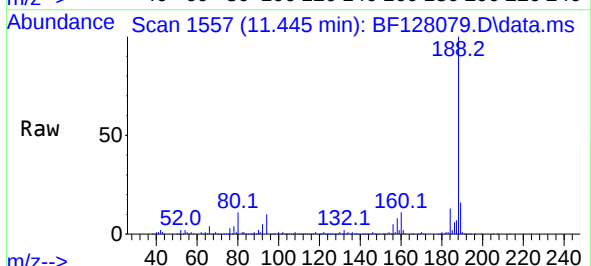
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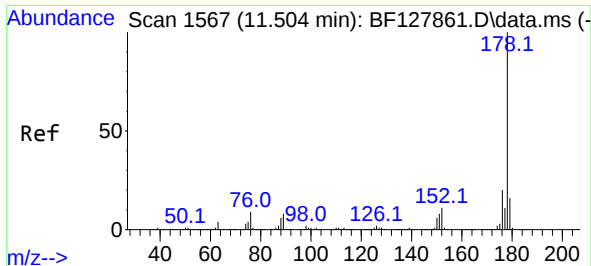
Reviewed By :Christian Giraldo 05/05/2022
Supervised By :Jagrut Upadhyay 05/05/2022



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.445 min Scan# 1557
Delta R.T. -0.012 min
Lab File: BF128079.D
Acq: 04 May 2022 18:49

Tgt Ion:188 Resp: 255796
Ion Ratio Lower Upper
188 100
94 9.5 8.0 12.0
80 10.8 8.9 13.3





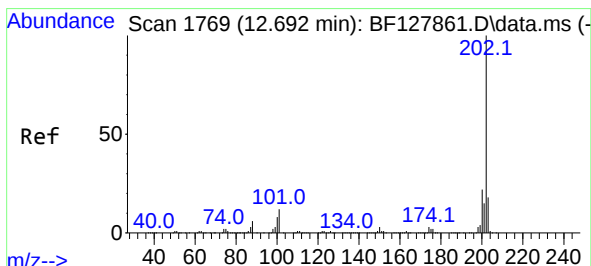
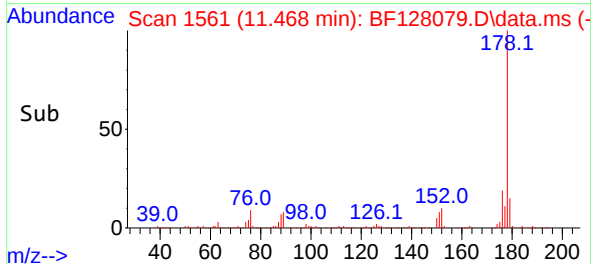
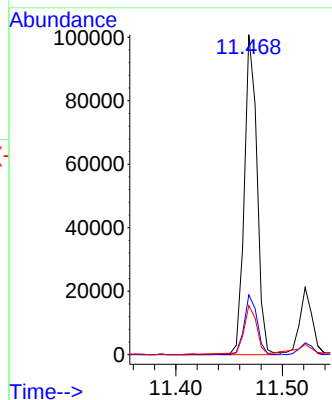
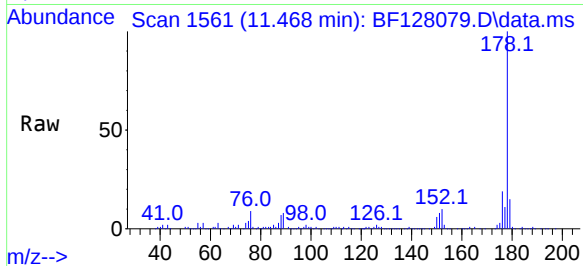
#71
Phenanthrene
Concen: 6.259 ng
RT: 11.468 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF128079.D
Acq: 04 May 2022 18:49

Instrument :
BNA_F
ClientSampleId :
22L097-BRE

Tgt Ion:178 Resp: 8381
Ion Ratio Lower Upper
178 100
176 18.7 15.7 23.5
179 15.3 12.6 19.0

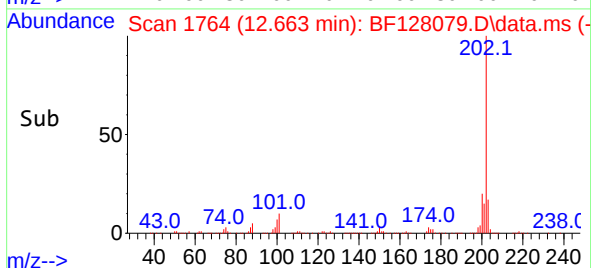
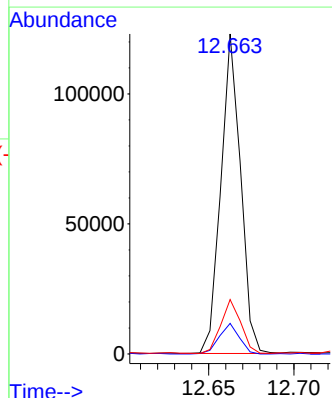
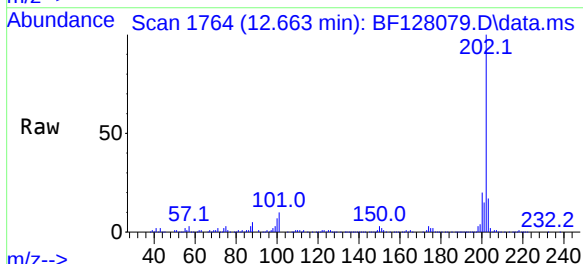
Manual Integrations
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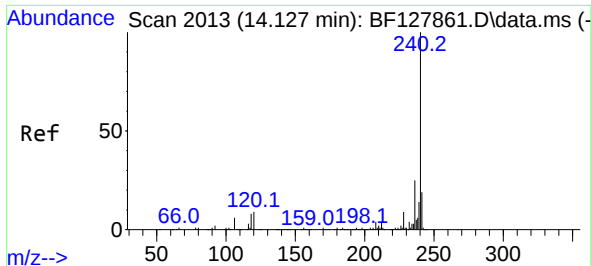
Reviewed By :Christian Giraldo 05/05/2022
Supervised By :Jagrut Upadhyay 05/05/2022



#75
Fluoranthene
Concen: 7.025 ng
RT: 12.663 min Scan# 1764
Delta R.T. -0.012 min
Lab File: BF128079.D
Acq: 04 May 2022 18:49

Tgt Ion:202 Resp: 98991
Ion Ratio Lower Upper
202 100
101 9.5 0.0 31.6
203 17.0 0.0 38.1





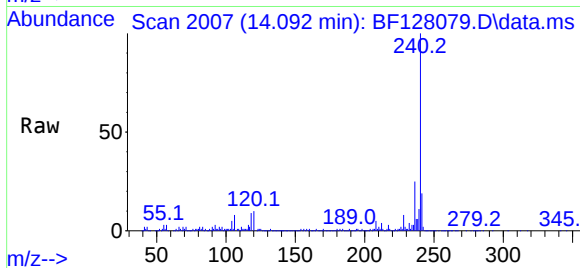
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.092 min Scan# 20128
Delta R.T. -0.012 min
Lab File: BF128079.D
Acq: 04 May 2022 18:49

Instrument :

BNA_F

ClientSampleId :

22L097-BRE

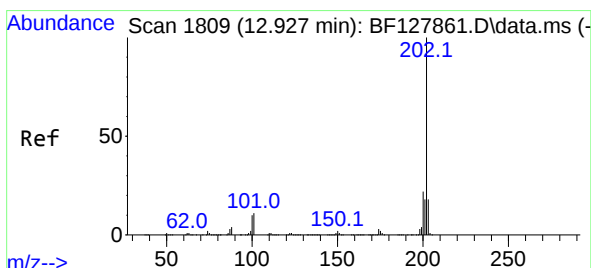
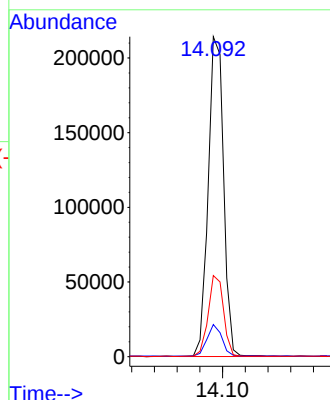
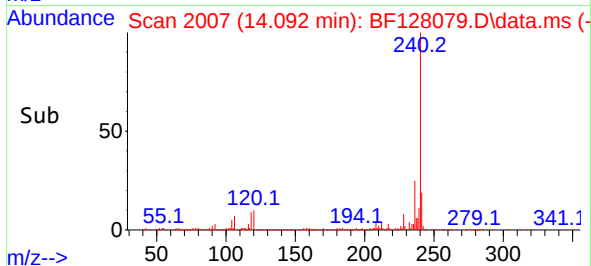


Tgt Ion:240 Resp: 20128
Ion Ratio Lower Upper
240 100
120 10.1 7.0 10.6
236 25.3 20.3 30.5

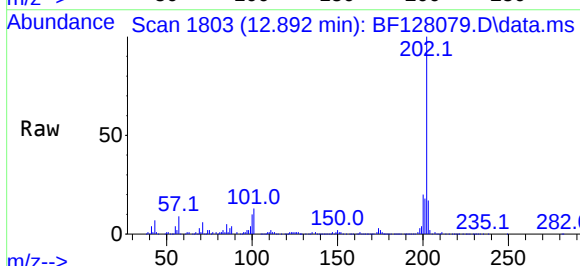
Manual Integrations

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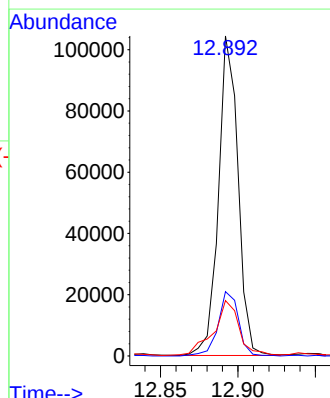
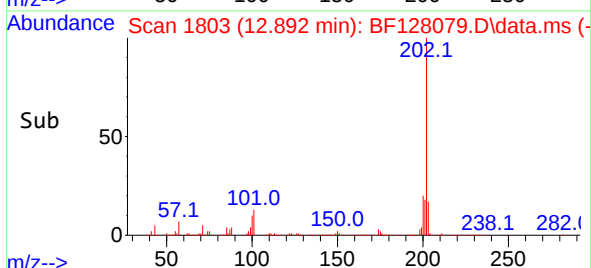
Reviewed By :Christian Giraldo 05/05/2022
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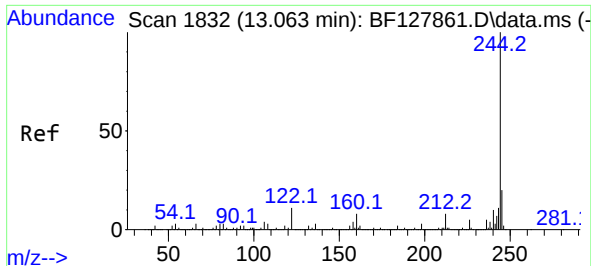


#78
Pyrene
Concen: 5.636 ng
RT: 12.892 min Scan# 1803
Delta R.T. -0.012 min
Lab File: BF128079.D
Acq: 04 May 2022 18:49



Tgt Ion:202 Resp: 91578
Ion Ratio Lower Upper
202 100
200 20.1 17.4 26.2
203 17.3 14.0 21.0





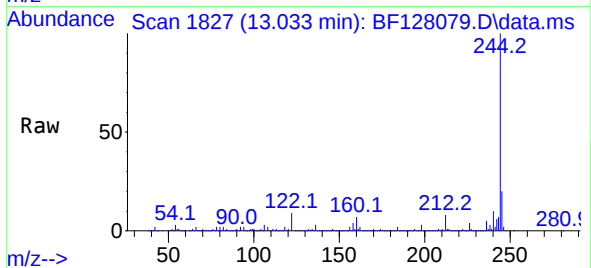
#79
 Terphenyl-d14
 Concen: 54.380 ng
 RT: 13.033 min Scan# 11
 Delta R.T. -0.012 min
 Lab File: BF128079.D
 Acq: 04 May 2022 18:49

Instrument :

BNA_F

ClientSampleId :

22L097-BRE

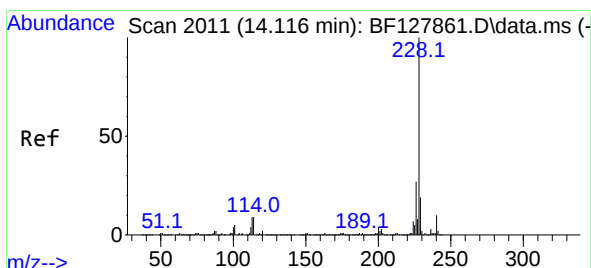
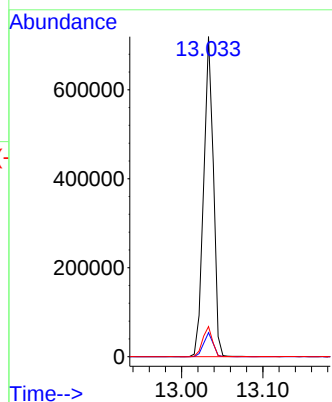
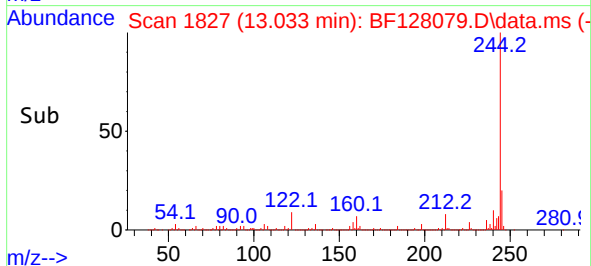


Tgt Ion:244 Resp: 598620
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.2 9.4
 122 9.4 8.6 12.8

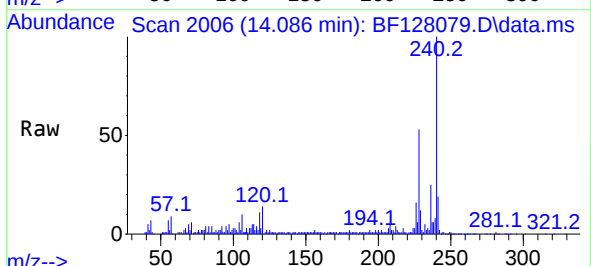
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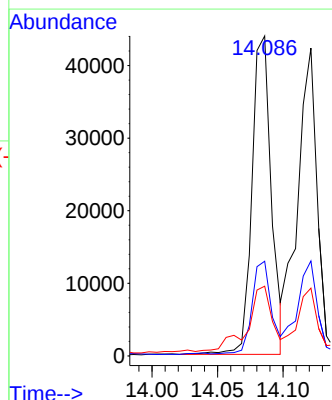
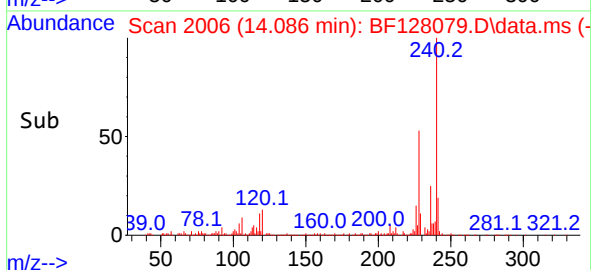
Reviewed By :Christian Giraldo 05/05/2022
 Supervised By :Jagrut Upadhyay 05/05/2022

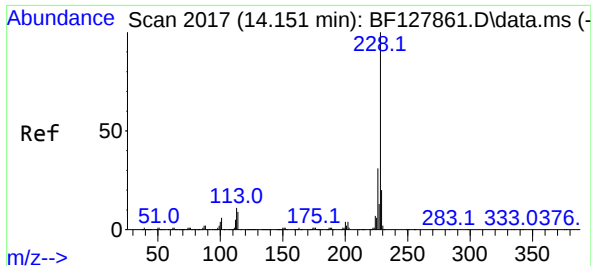


#81
 Benzo(a)anthracene
 Concen: 3.354 ng
 RT: 14.086 min Scan# 2006
 Delta R.T. -0.006 min
 Lab File: BF128079.D
 Acq: 04 May 2022 18:49



Tgt Ion:228 Resp: 44996
 Ion Ratio Lower Upper
 228 100
 226 29.6 21.7 32.5
 229 21.8 15.4 23.2





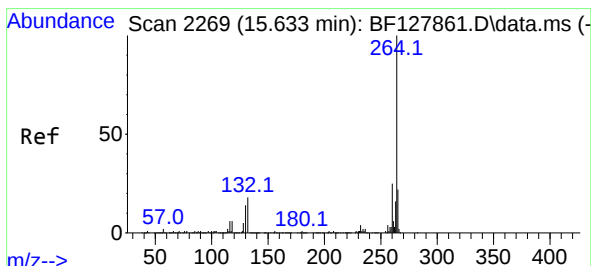
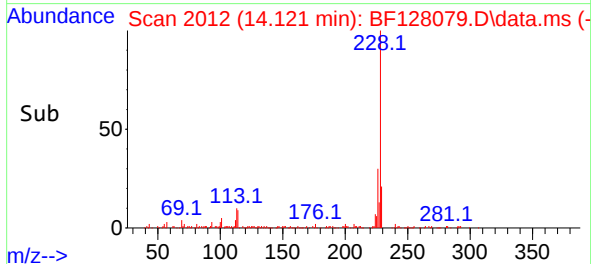
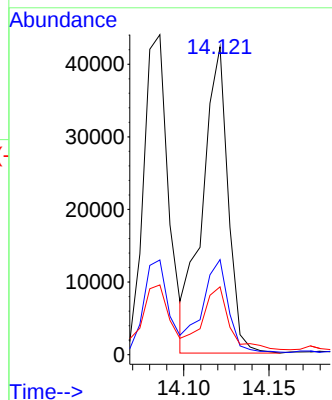
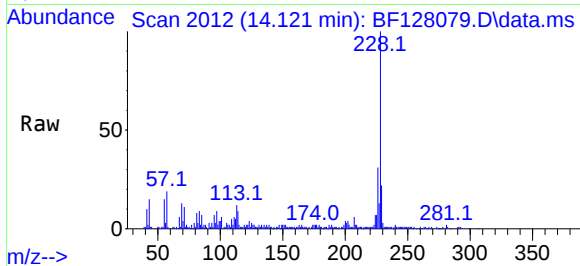
#83
Chrysene
Concen: 3.438 ng
RT: 14.121 min Scan# 2017
Delta R.T. -0.012 min
Lab File: BF128079.D
Acq: 04 May 2022 18:49

Instrument :
BNA_F
ClientSampleId :
22L097-BRE

Tgt Ion:228	Resp: 44054
Ion Ratio	Lower Upper
228 100	
226 30.9	24.4 36.6
229 22.1	15.8 23.8

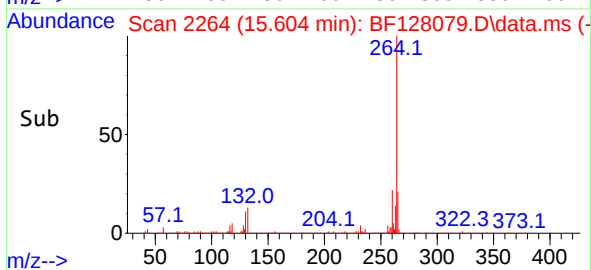
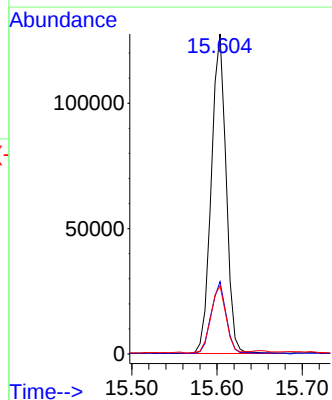
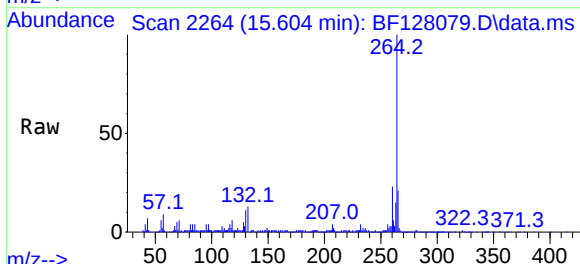
Manual Integrations
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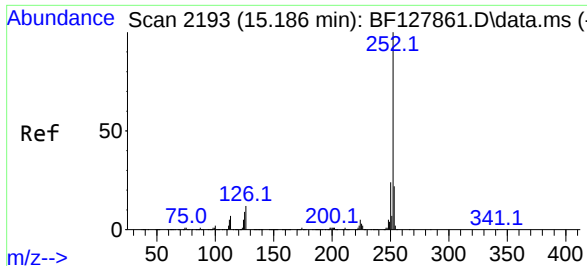
Reviewed By :Christian Giraldo 05/05/2022
Supervised By :Jagrut Upadhyay 05/05/2022



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.604 min Scan# 2264
Delta R.T. -0.006 min
Lab File: BF128079.D
Acq: 04 May 2022 18:49

Tgt Ion:264	Resp: 154247
Ion Ratio	Lower Upper
264 100	
260 22.6	20.1 30.1
265 21.3	17.5 26.3





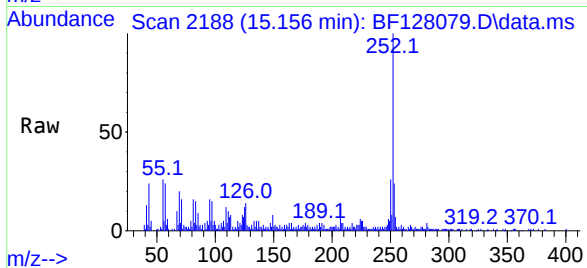
#88
Benzo(b)fluoranthene
Concen: 4.933 ng m
RT: 15.156 min Scan# 2193
Delta R.T. -0.012 min
Lab File: BF128079.D
Acq: 04 May 2022 18:49

Instrument :

BNA_F

ClientSampleId :

22L097-BRE

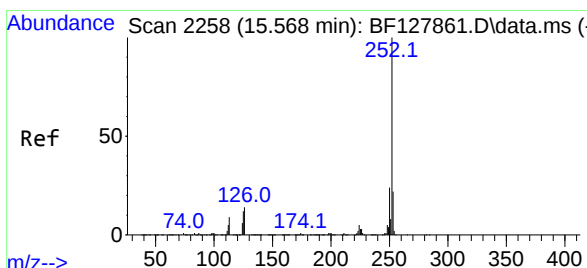
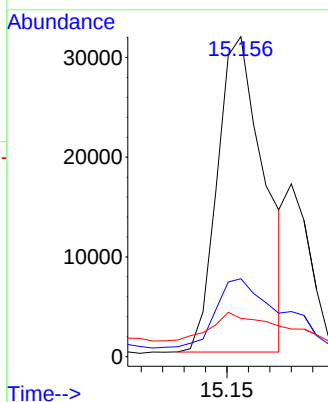
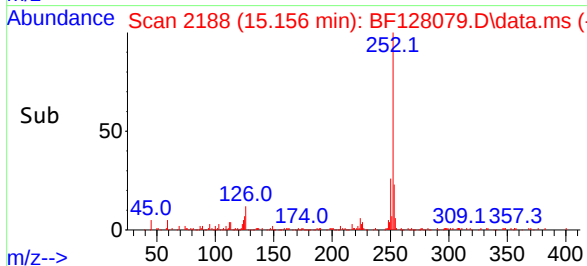


Tgt Ion:252 Resp: 47788
Ion Ratio Lower Upper
252 100
253 24.4 17.4 26.2
125 11.9 7.4 11.2

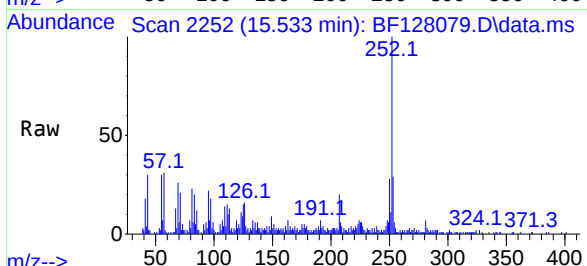
Manual Integrations

APPROVED

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



#90
Benzo(a)pyrene
Concen: 3.581 ng
RT: 15.533 min Scan# 2252
Delta R.T. -0.018 min
Lab File: BF128079.D
Acq: 04 May 2022 18:49



Tgt Ion:252 Resp: 28777
Ion Ratio Lower Upper
252 100
253 28.7 17.8 26.6#
125 15.4 9.2 13.8#

