

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061322\
 Data File : BF128794.D
 Acq On : 13 Jun 2022 20:16
 Operator : CG\JU
 Sample : N3304-02 2X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-14A-1A-10-G

Manual Integrations
 APPROVED

Reviewed By :Christian Giraldo 06/14/2022
 Supervised By :Jagrut Upadhyay 06/14/2022

Quant Time: Jun 14 01:57:14 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 08 14:28:39 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.804	152	66859	20.000	ng	0.00
21) Naphthalene-d8	8.092	136	219051	20.000	ng	# 0.00
39) Acenaphthene-d10	9.851	164	103788	20.000	ng	0.00
64) Phenanthrene-d10	11.345	188	178162	20.000	ng	0.00
76) Chrysene-d12	14.016	240	118493	20.000	ng	# 0.03
86) Perylene-d12	15.515	264	92268	20.000	ng	# 0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.446	112	94633	22.545	ng	-0.01
7) Phenol-d6	6.463	99	112745	22.004	ng	-0.02
23) Nitrobenzene-d5	7.369	82	72769	15.467	ng	-0.01
42) 2,4,6-Tribromophenol	10.645	330	27740	22.621	ng	0.00
45) 2-Fluorobiphenyl	9.169	172	142531	19.237	ng	0.00
79) Terphenyl-d14	12.945	244	147211	21.588	ng	0.01
Target Compounds						Qvalue
78) Pyrene	12.804	202	56760	6.438	ng	# 84
83) Chrysene	14.027	228	57999m	8.236	ng	
88) Benzo(b)fluoranthene	15.074	252	22147m	3.756	ng	
90) Benzo(a)pyrene	15.451	252	17791m	3.839	ng	
92) Benzo(g,h,i)perylene	17.462	276	17071m	3.734	ng	

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

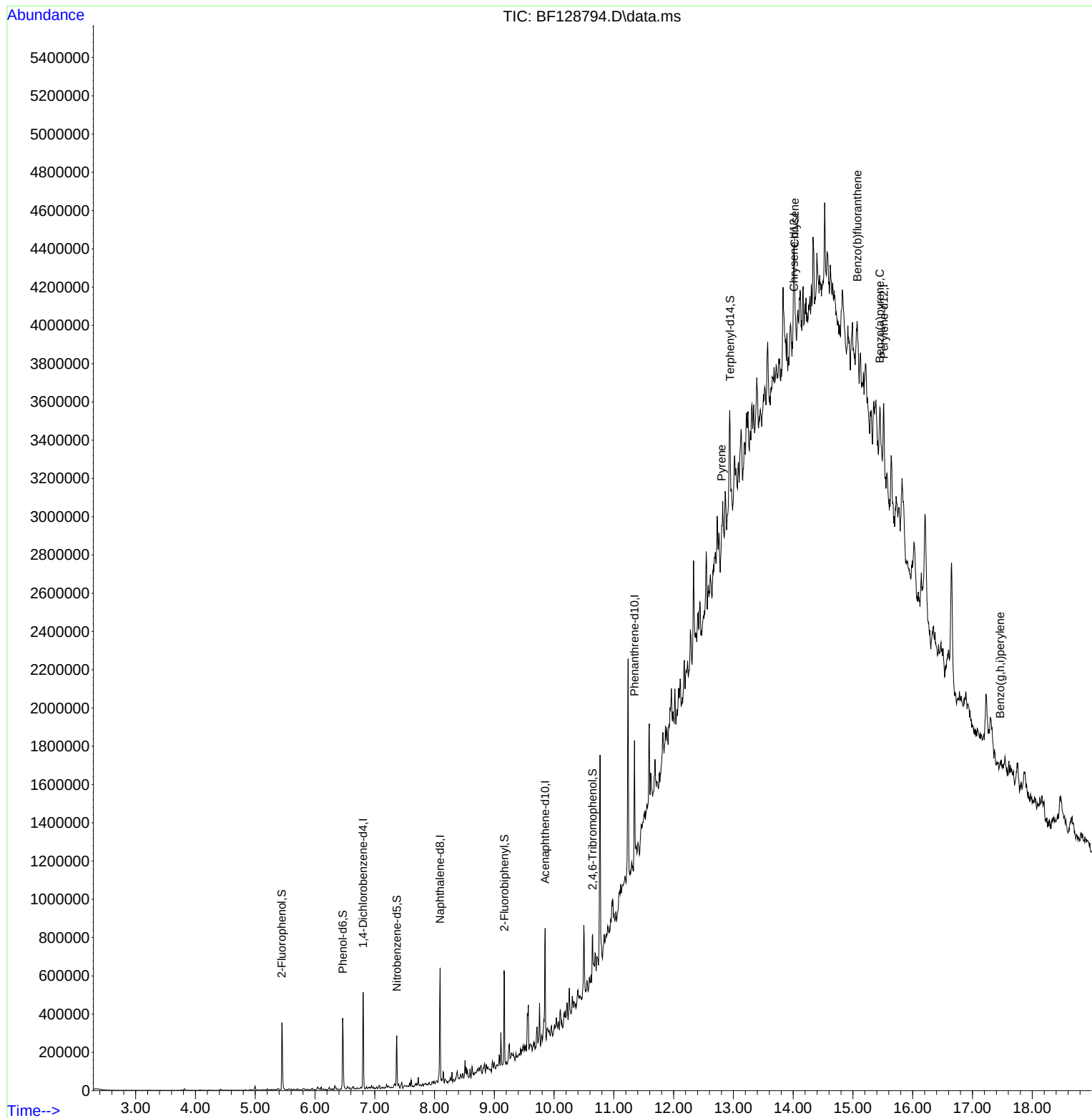
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061322\
Data File : BF128794.D
Acq On : 13 Jun 2022 20:16
Operator : CG\JU
Sample : N3304-02 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

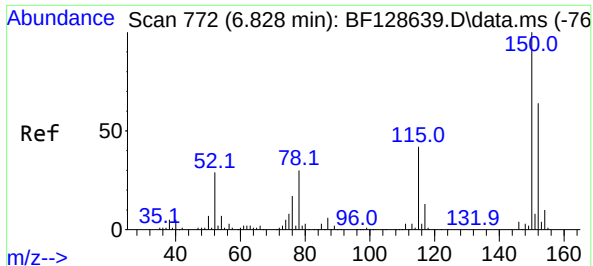
Instrument :
BNA_F
ClientSampleId :
WC-14A-1A-10-G

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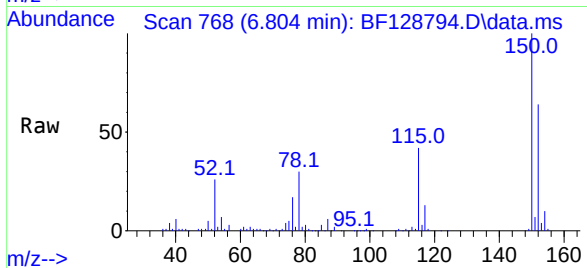
Quant Time: Jun 14 01:57:14 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 08 14:28:39 2022
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.804 min Scan# 70
Delta R.T. -0.006 min
Lab File: BF128794.D
Acq: 13 Jun 2022 20:16

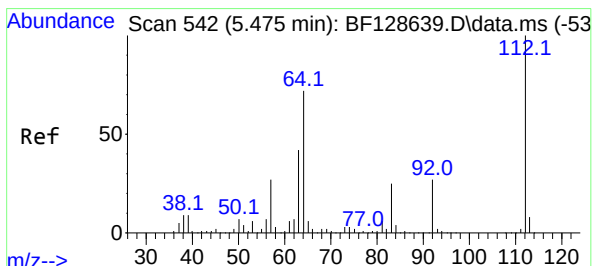
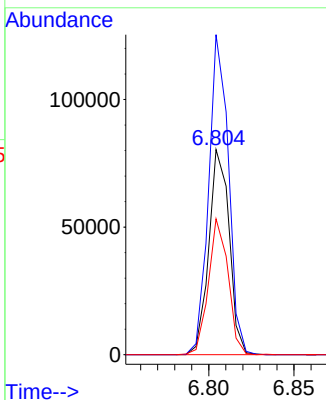
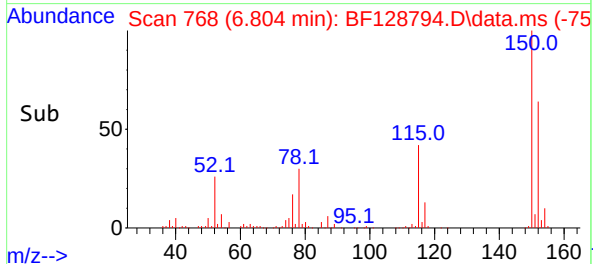
Instrument :
BNA_F
ClientSampleId :
WC-14A-1A-10-G



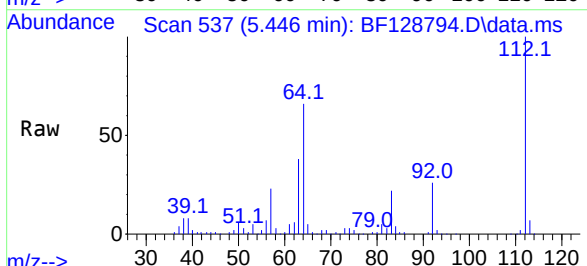
Tgt Ion:152 Resp: 66859
Ion Ratio Lower Upper
152 100
150 156.0 123.7 185.5
115 66.2 49.9 74.9

Manual Integrations
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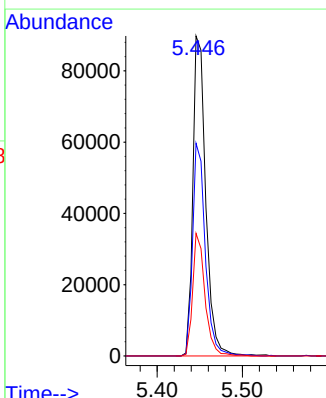
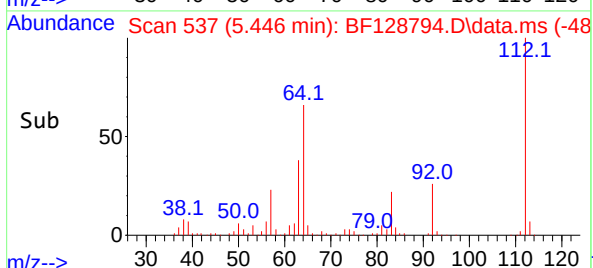
Reviewed By :Christian Giraldo 06/14/2022
Supervised By :Jagrut Upadhyay 06/14/2022

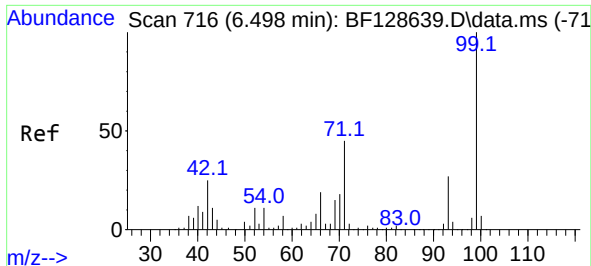


#5
2-Fluorophenol
Concen: 22.545 ng
RT: 5.446 min Scan# 537
Delta R.T. -0.012 min
Lab File: BF128794.D
Acq: 13 Jun 2022 20:16



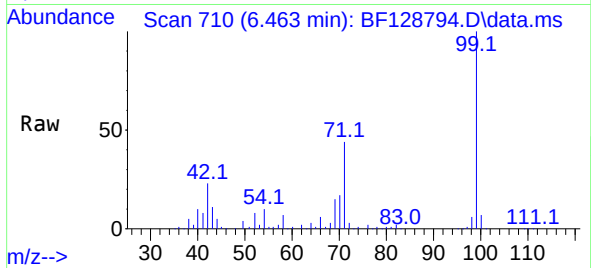
Tgt Ion:112 Resp: 94633
Ion Ratio Lower Upper
112 100
64 66.5 53.3 79.9
63 38.3 28.0 42.0





#7
Phenol-d6
Concen: 22.004 ng
RT: 6.463 min Scan# 716
Delta R.T. -0.018 min
Lab File: BF128794.D
Acq: 13 Jun 2022 20:16

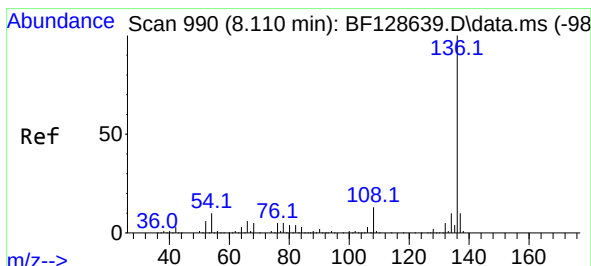
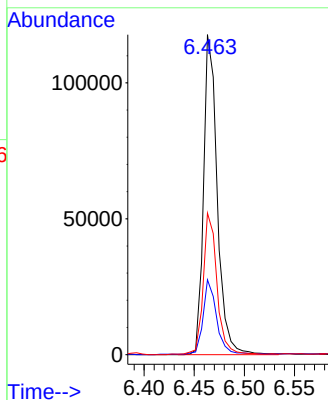
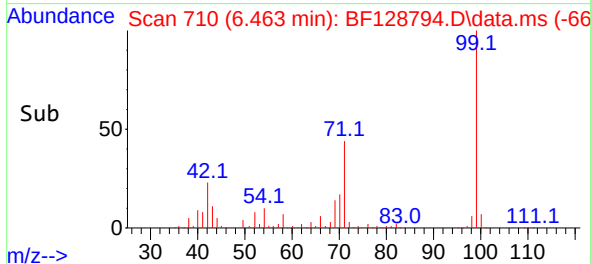
Instrument :
BNA_F
ClientSampleId :
WC-14A-1A-10-G



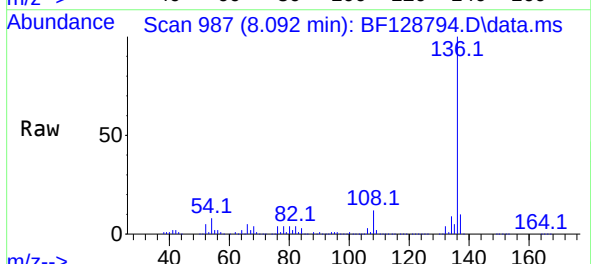
Tgt Ion: 99 Resp: 112745
Ion Ratio Lower Upper
99 100
42 23.4 17.3 25.9
71 44.3 28.9 43.3

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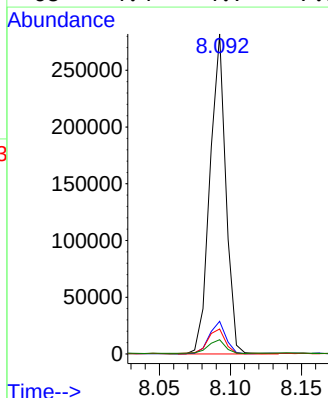
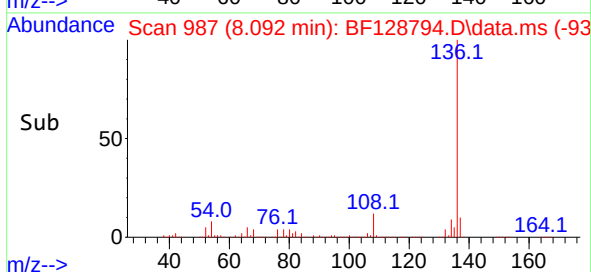
Reviewed By :Christian Giraldo 06/14/2022
Supervised By :Jagrut Upadhyay 06/14/2022

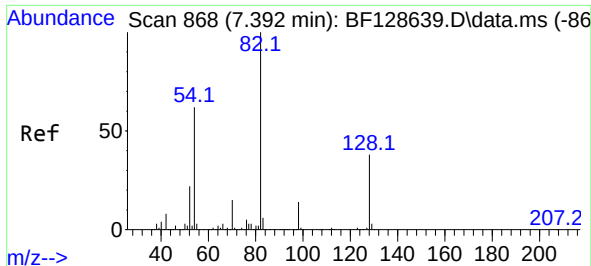


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.092 min Scan# 987
Delta R.T. -0.006 min
Lab File: BF128794.D
Acq: 13 Jun 2022 20:16



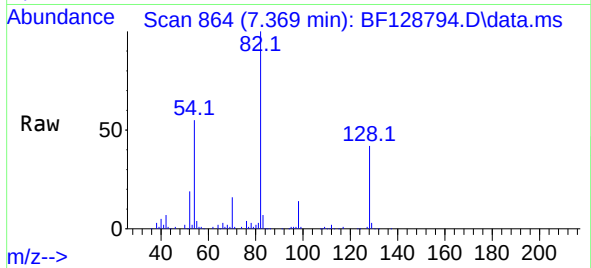
Tgt Ion:136 Resp: 219051
Ion Ratio Lower Upper
136 100
137 10.2 8.8 13.2
54 7.8 7.5 11.3
68 4.4 4.7 7.1





#23
Nitrobenzene-d5
Concen: 15.467 ng
RT: 7.369 min Scan# 80
Delta R.T. -0.012 min
Lab File: BF128794.D
Acq: 13 Jun 2022 20:16

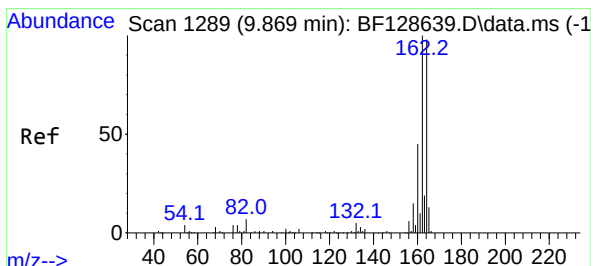
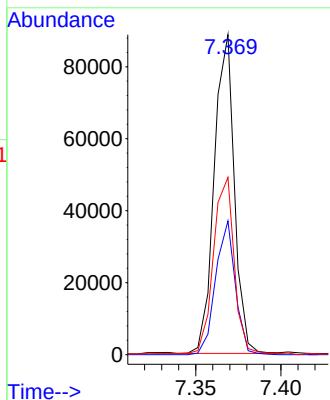
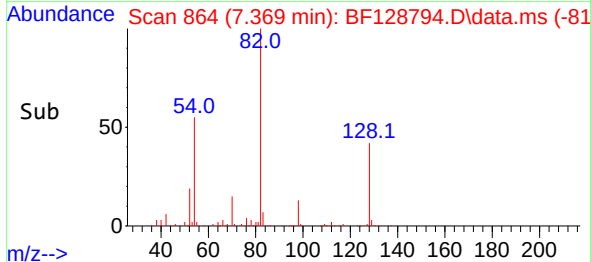
Instrument :
BNA_F
ClientSampleId :
WC-14A-1A-10-G



Tgt Ion: 82 Resp: 72769
Ion Ratio Lower Upper
82 100
128 41.8 34.0 51.0
54 55.4 46.9 70.3

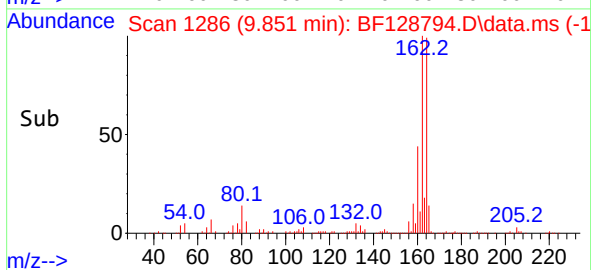
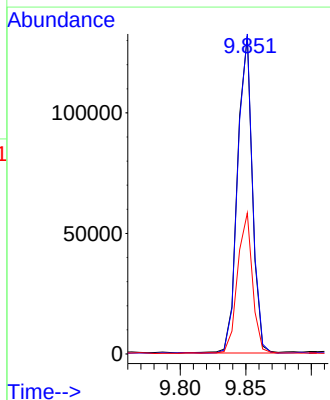
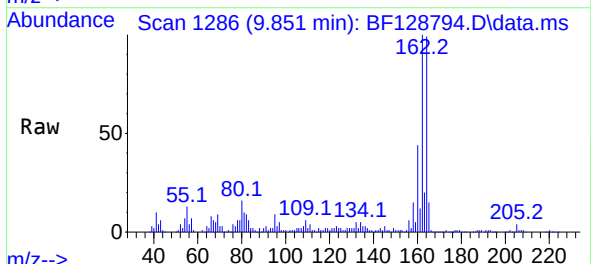
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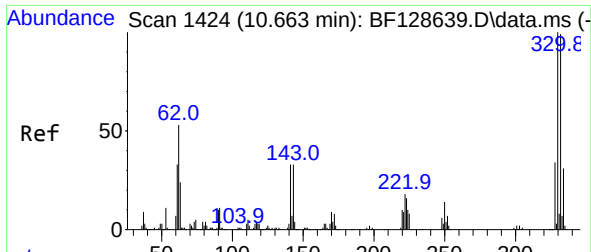
Reviewed By :Christian Giraldo 06/14/2022
Supervised By :Jagrut Upadhyay 06/14/2022



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.851 min Scan# 1286
Delta R.T. -0.006 min
Lab File: BF128794.D
Acq: 13 Jun 2022 20:16

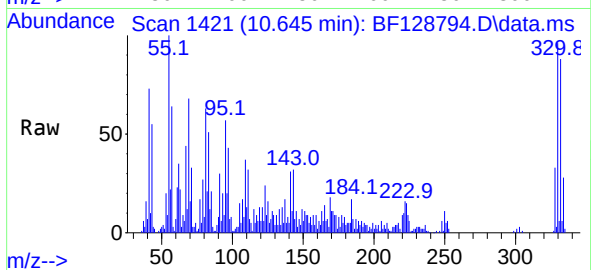
Tgt Ion:164 Resp: 103788
Ion Ratio Lower Upper
164 100
162 100.7 79.5 119.3
160 44.4 34.2 51.4





#42
2,4,6-Tribromophenol
Concen: 22.621 ng
RT: 10.645 min Scan# 1424
Delta R.T. -0.006 min
Lab File: BF128794.D
Acq: 13 Jun 2022 20:16

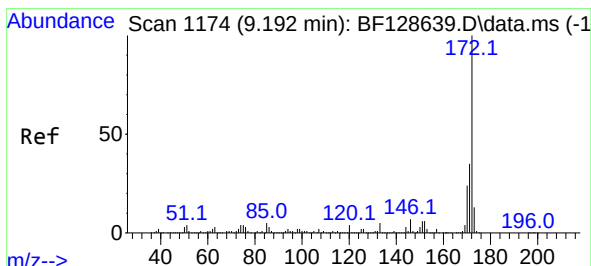
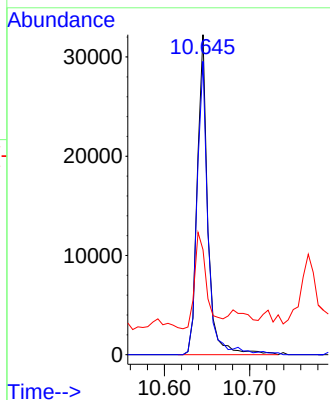
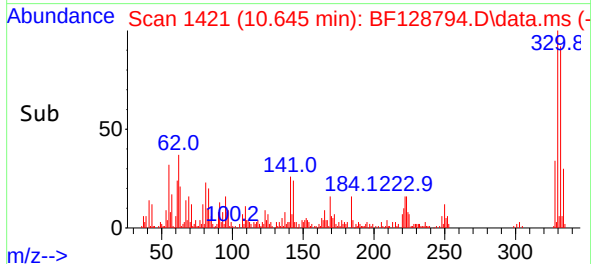
Instrument :
BNA_F
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WC-14A-1A-10-G



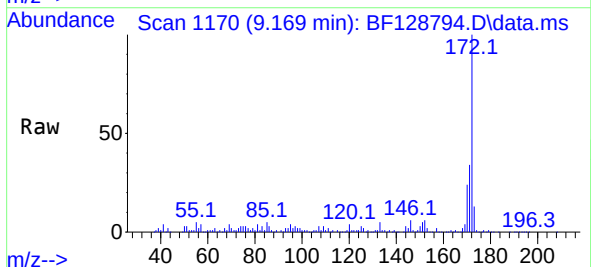
Tgt Ion: 330 Resp: 27740
Ion Ratio Lower Upper
330 100
332 94.6 76.8 115.2
141 34.5 28.0 42.0

Manual Integrations
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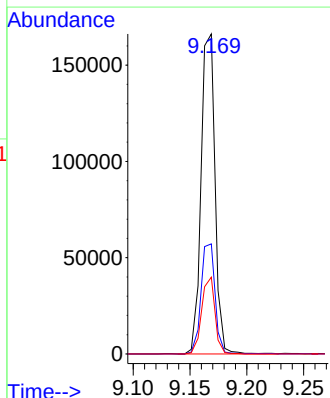
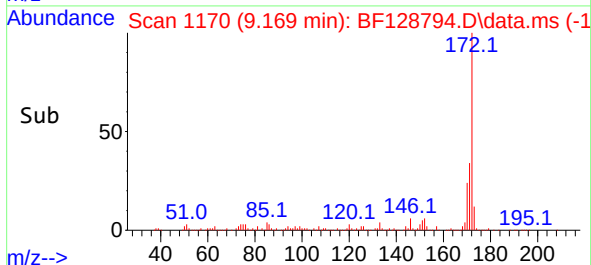
Reviewed By : Christian Giraldo 06/14/2022
Supervised By : Jagrut Upadhyay 06/14/2022

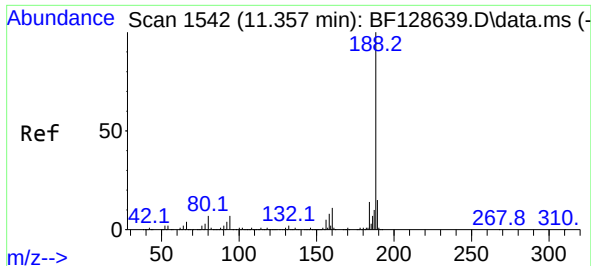


#45
2-Fluorobiphenyl
Concen: 19.237 ng
RT: 9.169 min Scan# 1170
Delta R.T. -0.006 min
Lab File: BF128794.D
Acq: 13 Jun 2022 20:16



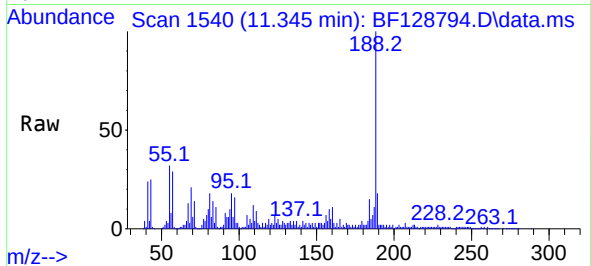
Tgt Ion: 172 Resp: 142531
Ion Ratio Lower Upper
172 100
171 34.4 28.8 43.2
170 24.0 19.8 29.8





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.345 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF128794.D
Acq: 13 Jun 2022 20:16

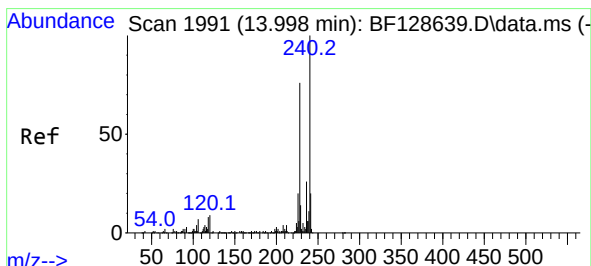
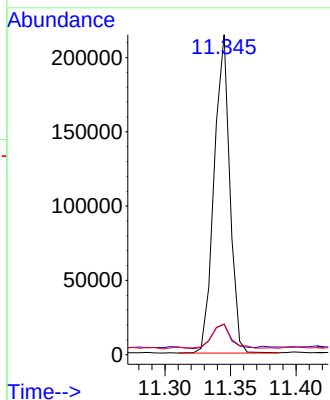
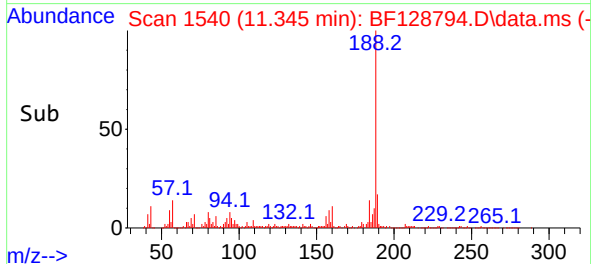
Instrument :
BNA_F
ClientSampleId :
WC-14A-1A-10-G



Tgt Ion:188 Resp: 178162
Ion Ratio Lower Upper
188 100
94 9.5 7.0 10.6
80 9.6 7.6 11.4

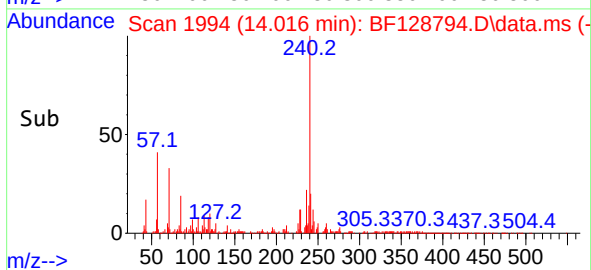
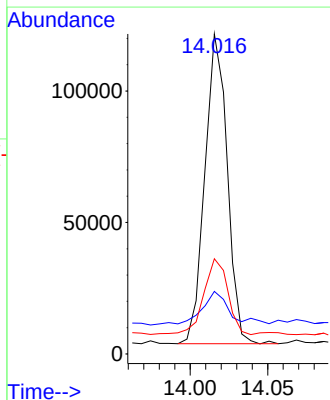
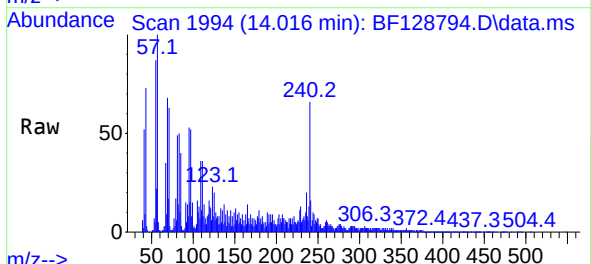
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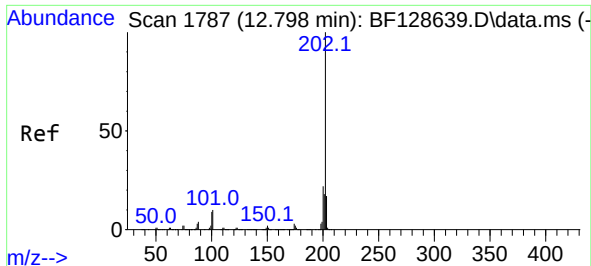
Reviewed By :Christian Giraldo 06/14/2022
Supervised By :Jagrut Upadhyay 06/14/2022



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.016 min Scan# 1994
Delta R.T. 0.029 min
Lab File: BF128794.D
Acq: 13 Jun 2022 20:16

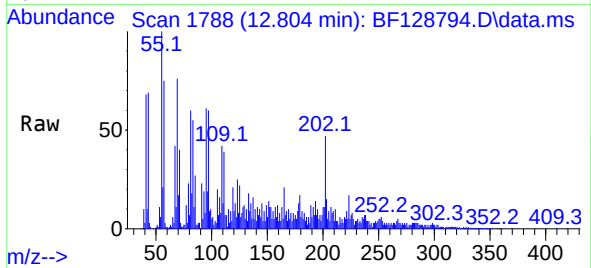
Tgt Ion:240 Resp: 118493
Ion Ratio Lower Upper
240 100
120 19.5 8.9 13.3#
236 29.8 20.8 31.2





#78
Pyrene
Concen: 6.438 ng
RT: 12.804 min Scan# 1787
Delta R.T. 0.017 min
Lab File: BF128794.D
Acq: 13 Jun 2022 20:16

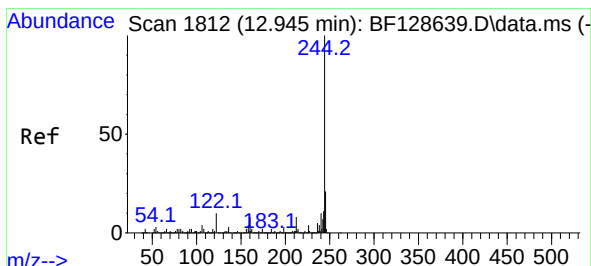
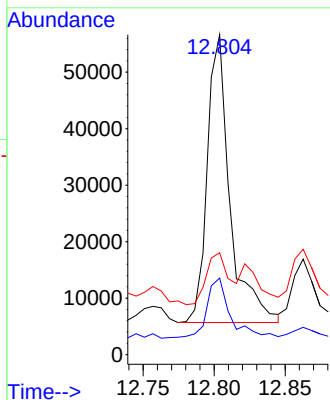
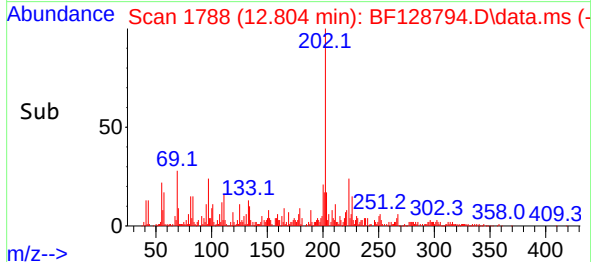
Instrument :
BNA_F
ClientSampleId :
WC-14A-1A-10-G



Tgt Ion:202 Resp: 56760
Ion Ratio Lower Upper
202 100
200 23.9 17.7 26.5
203 31.9 14.6 21.8

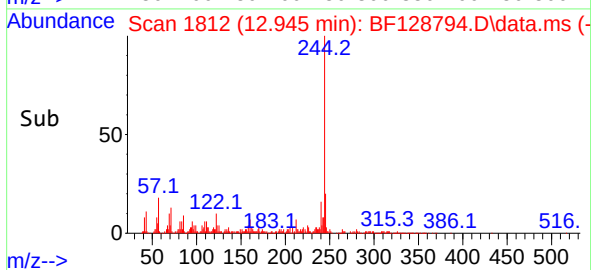
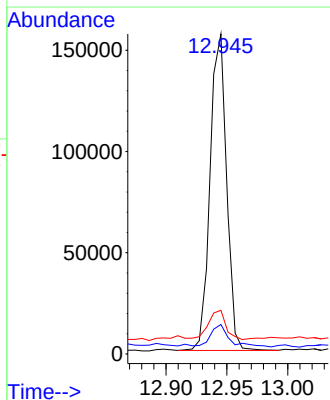
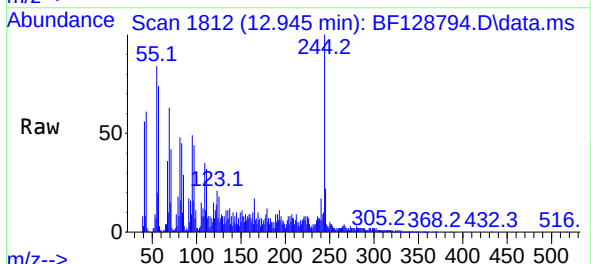
Manual Integrations
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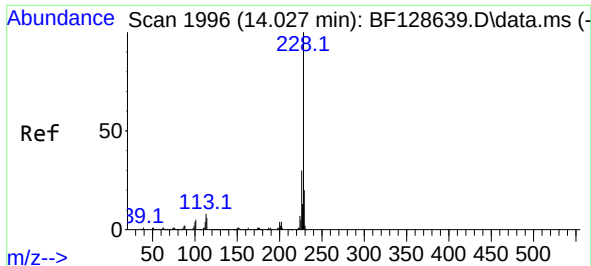
Reviewed By :Christian Giraldo 06/14/2022
Supervised By :Jagrut Upadhyay 06/14/2022



#79
Terphenyl-d14
Concen: 21.588 ng
RT: 12.945 min Scan# 1812
Delta R.T. 0.012 min
Lab File: BF128794.D
Acq: 13 Jun 2022 20:16

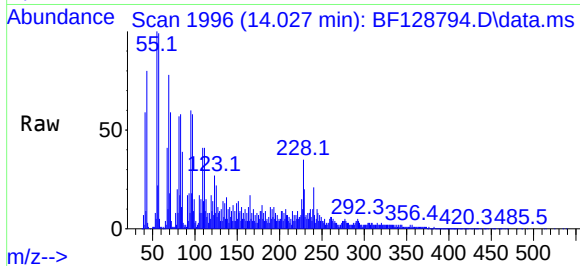
Tgt Ion:244 Resp: 147211
Ion Ratio Lower Upper
244 100
212 9.2 6.1 9.1#
122 13.6 8.8 13.2#





#83
Chrysene
Concen: 8.236 ng m
RT: 14.027 min Scan# 1996
Delta R.T. 0.012 min
Lab File: BF128794.D
Acq: 13 Jun 2022 20:16

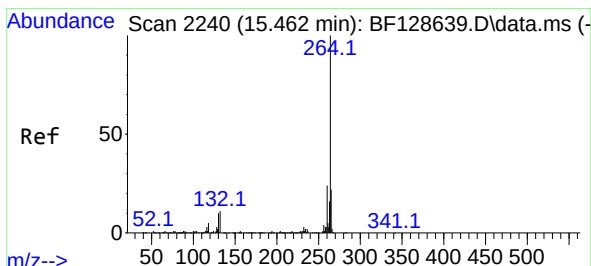
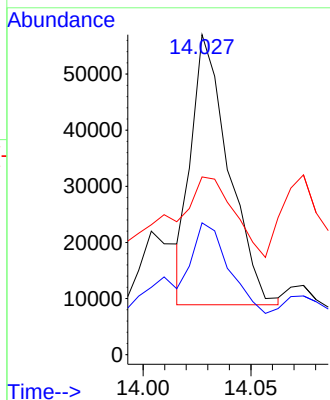
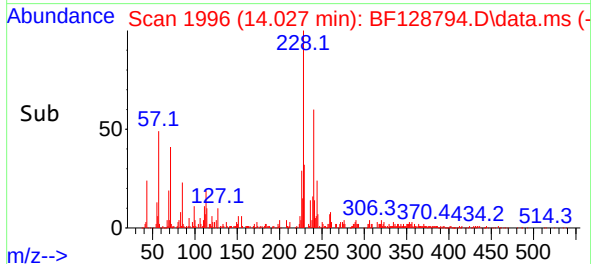
Instrument :
BNA_F
ClientSampleId :
WC-14A-1A-10-G



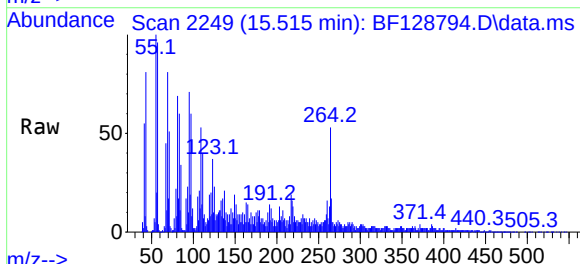
Tgt Ion:228 Resp: 57999
Ion Ratio Lower Upper
228 100
226 41.2 24.3 36.5#
229 55.5 15.9 23.9#

Manual Integrations
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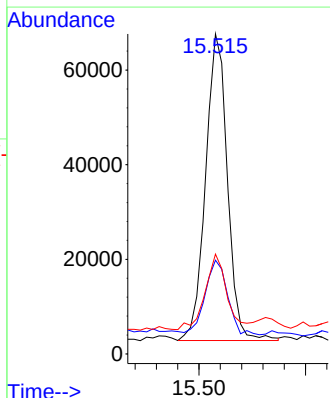
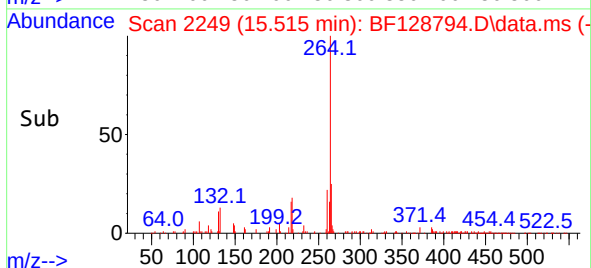
Reviewed By :Christian Giraldo 06/14/2022
Supervised By :Jagrut Upadhyay 06/14/2022

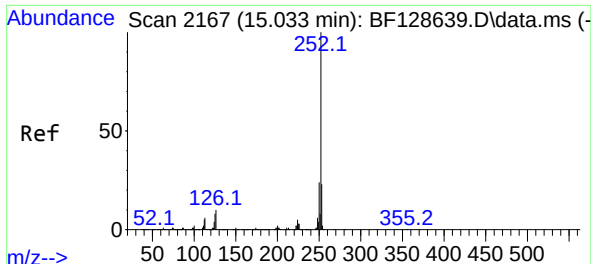


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.515 min Scan# 2249
Delta R.T. 0.070 min
Lab File: BF128794.D
Acq: 13 Jun 2022 20:16



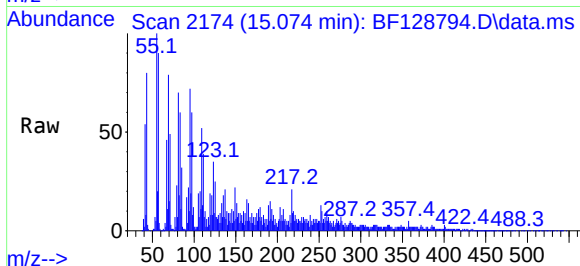
Tgt Ion:264 Resp: 92268
Ion Ratio Lower Upper
264 100
260 29.3 18.4 27.6#
265 31.2 17.2 25.8#





#88
Benzo(b)fluoranthene
Concen: 3.756 ng m
RT: 15.074 min Scan# 2167
Delta R.T. 0.053 min
Lab File: BF128794.D
Acq: 13 Jun 2022 20:16

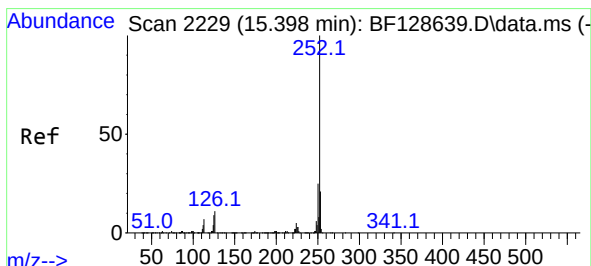
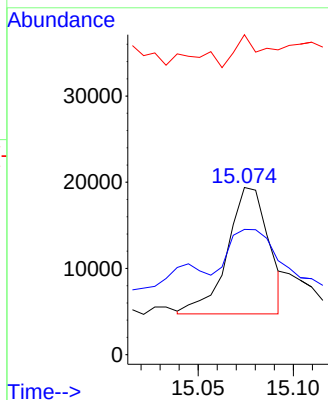
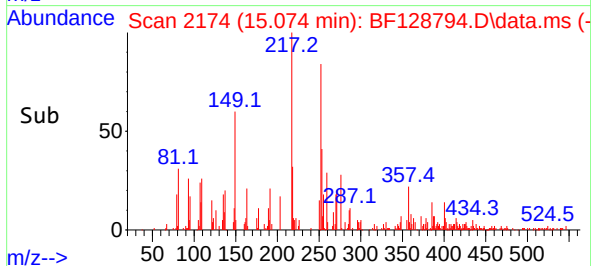
Instrument :
BNA_F
ClientSampleId :
WC-14A-1A-10-G



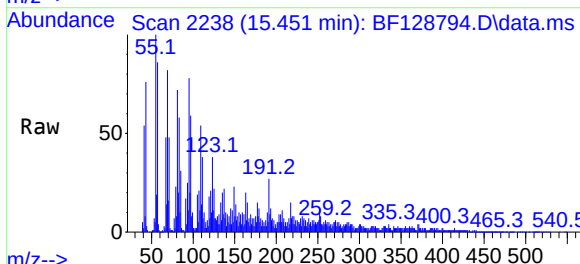
Tgt Ion:252 Resp: 2214
Ion Ratio Lower Upper
252 100
253 74.9 17.7 26.5
125 191.3 8.0 12.0

Manual Integrations
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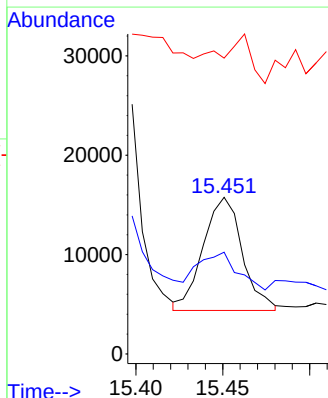
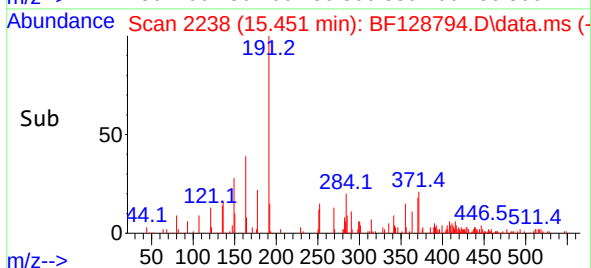
Reviewed By :Christian Giraldo 06/14/2022
Supervised By :Jagrut Upadhyay 06/14/2022

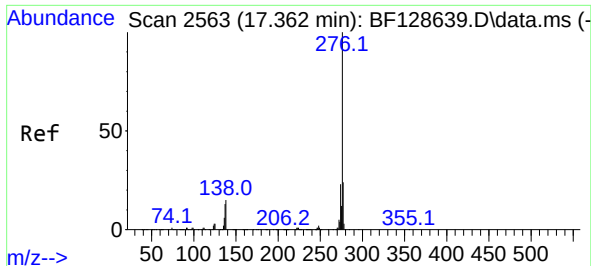


#90
Benzo(a)pyrene
Concen: 3.839 ng m
RT: 15.451 min Scan# 2238
Delta R.T. 0.065 min
Lab File: BF128794.D
Acq: 13 Jun 2022 20:16



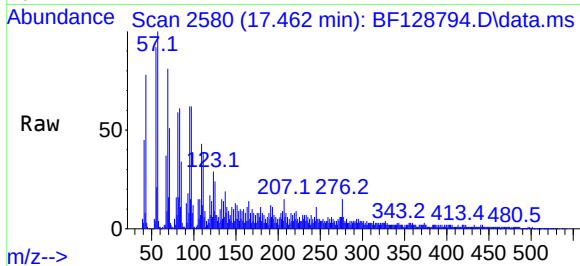
Tgt Ion:252 Resp: 17791
Ion Ratio Lower Upper
252 100
253 65.0 17.0 25.6#
125 188.9 8.8 13.2#





#92
 Benzo(g,h,i)perylene
 Concen: 3.734 ng m
 RT: 17.462 min Scan# 21
 Delta R.T. 0.123 min
 Lab File: BF128794.D
 Acq: 13 Jun 2022 20:16

Instrument :
 BNA_F
 ClientSampleId :
 WC-14A-1A-10-G



Tgt Ion: 276 Resp: 1707
 Ion Ratio Lower Upper
 276 100
 277 40.1 19.1 28.7
 138 54.4 18.0 27.0

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 06/14/2022
 Supervised By : Jagrut Upadhyay 06/14/2022

