

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092822\
 Data File : BF130458.D
 Acq On : 28 Sep 2022 20:58
 Operator : CG\JU
 Sample : N4782-01DL 2X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SASP2-T-1-(0-6)DL

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 09/29/2022
 Supervised By : Jagrut Upadhyay 09/29/2022

Quant Time: Sep 29 02:18:29 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 28 02:59:31 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.646	152	97412	20.000	ng	0.00
21) Naphthalene-d8	7.928	136	331910	20.000	ng	0.00
39) Acenaphthene-d10	9.681	164	158184	20.000	ng	0.00
64) Phenanthrene-d10	11.163	188	274069	20.000	ng	0.00
76) Chrysene-d12	13.798	240	199141	20.000	ng	0.00
86) Perylene-d12	15.186	264	148918	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.251	112	259115	46.137	ng	0.00
7) Phenol-d6	6.287	99	304002	43.261	ng	0.00
23) Nitrobenzene-d5	7.210	82	171032	26.326	ng	0.00
42) 2,4,6-Tribromophenol	10.469	330	73057	48.200	ng	0.00
45) 2-Fluorobiphenyl	9.004	172	319431	29.406	ng	0.00
79) Terphenyl-d14	12.745	244	362271	30.134	ng	0.00
Target Compounds						Qvalue
49) Acenaphthylene	9.539	152	55942	3.904	ng	99
71) Phenanthrene	11.186	178	226797	14.739	ng	99
72) Anthracene	11.233	178	59525	4.009	ng	98
75) Fluoranthene	12.375	202	515339	34.659	ng	95
78) Pyrene	12.598	202	451177	25.899	ng	99
81) Benzo(a)anthracene	13.786	228	206380m	15.578	ng	
83) Chrysene	13.822	228	200638	15.950	ng	97
84) Bis(2-ethylhexyl)phtha...	13.786	149	90226	12.205	ng	# 98
87) Indeno(1,2,3-cd)pyrene	16.510	276	113535	10.751	ng	# 94
88) Benzo(b)fluoranthene	14.798	252	254511m	26.185	ng	
89) Benzo(k)fluoranthene	14.821	252	64638m	6.760	ng	
90) Benzo(a)pyrene	15.127	252	151790	19.712	ng	94
91) Dibenzo(a,h)anthracene	16.515	278	28712	3.314	ng	# 80
92) Benzo(g,h,i)perylene	16.910	276	112641	12.907	ng	99

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

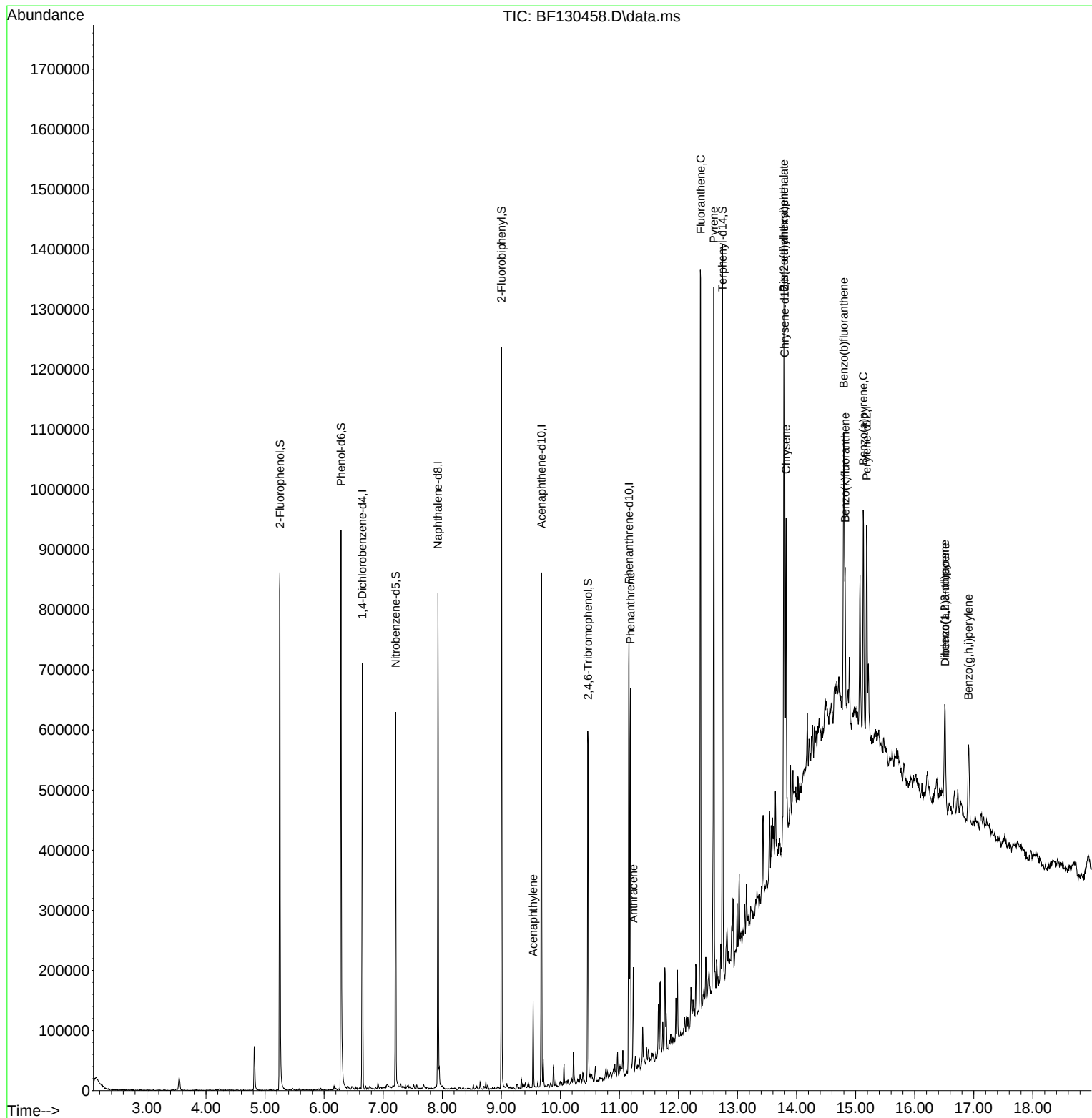
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092822\
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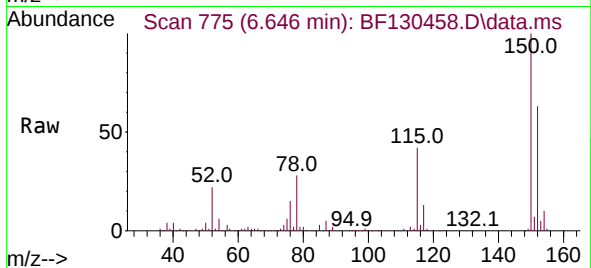
Reviewed By : Christian Giraldo 09/29/2022
Supervised By : Jagrut Upadhyay 09/29/2022





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.646 min Scan# 71
Delta R.T. 0.001 min
Lab File: BF130458.D
Acq: 28 Sep 2022 20:58

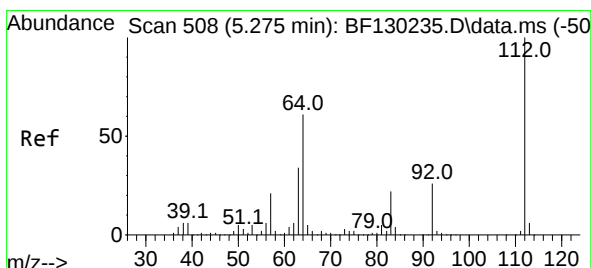
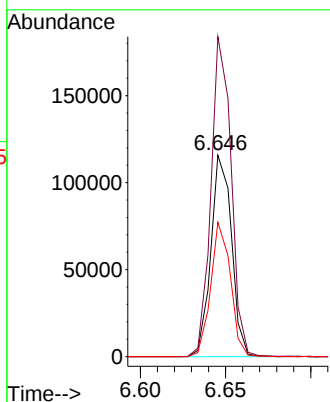
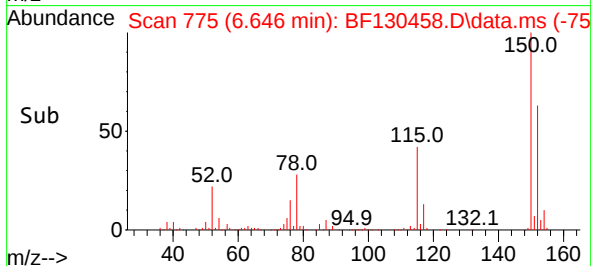
Instrument :
BNA_F
ClientSampleId :
SASP2-T-1-(0-6)DL



Tgt Ion:152 Resp: 97412
Ion Ratio Lower Upper
152 100
150 158.9 122.8 184.2
115 66.7 53.8 80.8

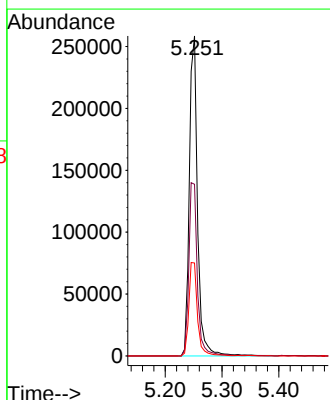
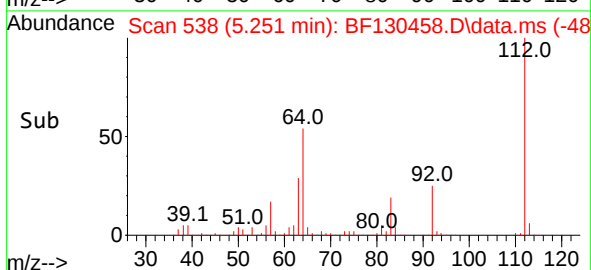
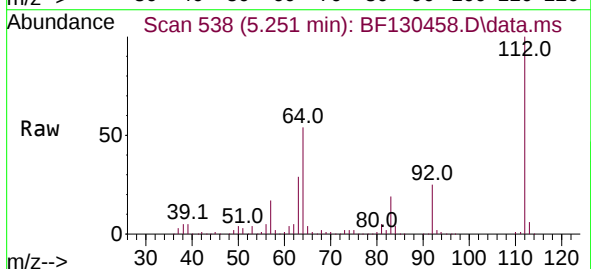
Manual Integrations
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Supervised By :Jagrut Upadhyay 09/29/2022



#5
2-Fluorophenol
Concen: 46.137 ng
RT: 5.251 min Scan# 538
Delta R.T. 0.006 min
Lab File: BF130458.D
Acq: 28 Sep 2022 20:58

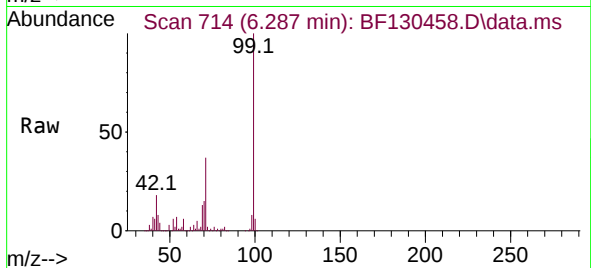
Tgt Ion:112 Resp: 259115
Ion Ratio Lower Upper
112 100
64 53.6 51.4 77.0
63 29.0 28.8 43.2





#7
Phenol-d6
Concen: 43.261 ng
RT: 6.287 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF130458.D
Acq: 28 Sep 2022 20:58

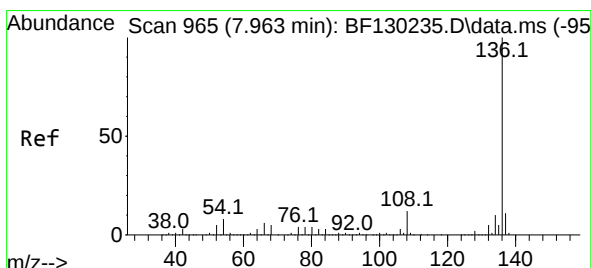
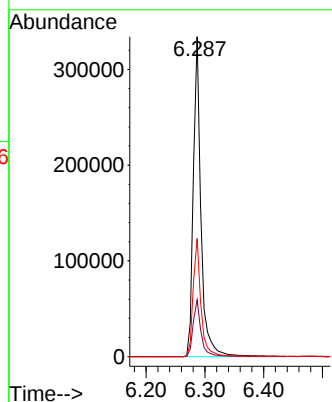
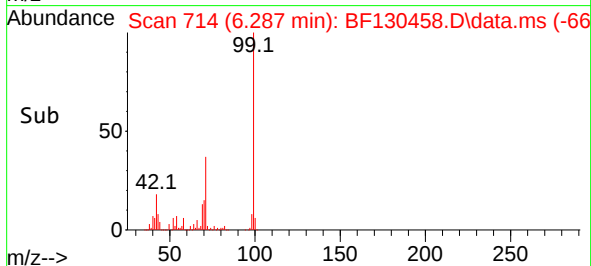
Instrument :
BNA_F
ClientSampleId :
SASP2-T-1-(0-6)DL



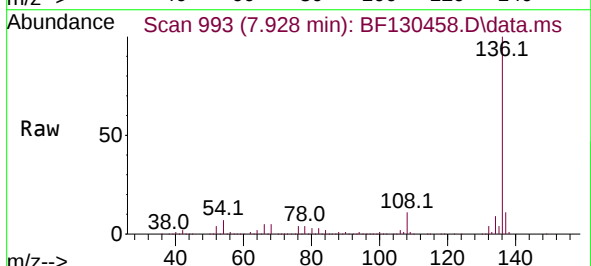
Tgt Ion: 99 Resp: 304002
Ion Ratio Lower Upper
99 100
42 17.7 17.0 25.6
71 36.9 32.3 48.5

Manual Integrations
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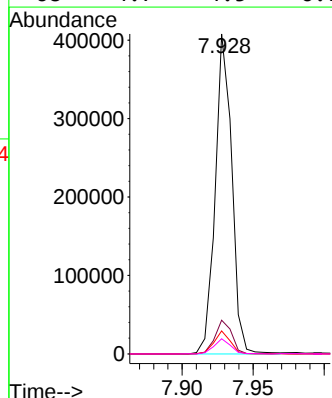
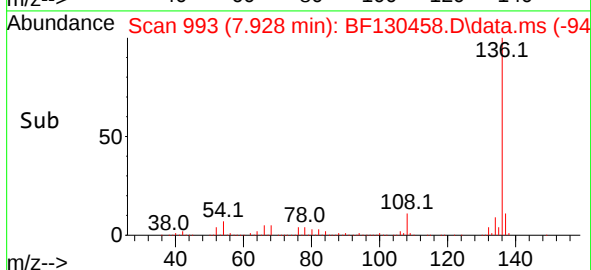
Reviewed By :Christian Giraldo 09/29/2022
Supervised By :Jagrut Upadhyay 09/29/2022

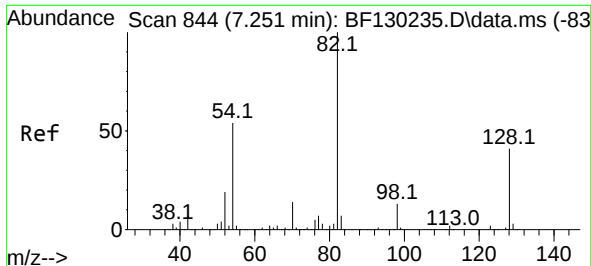


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.928 min Scan# 993
Delta R.T. 0.000 min
Lab File: BF130458.D
Acq: 28 Sep 2022 20:58



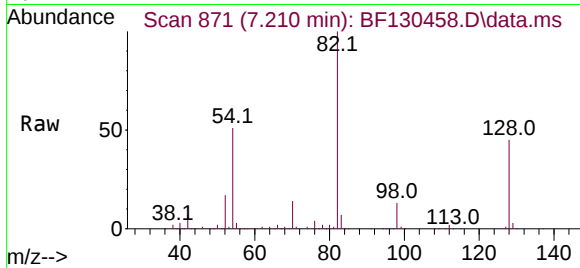
Tgt Ion:136 Resp: 331910
Ion Ratio Lower Upper
136 100
137 10.5 9.1 13.7
54 7.2 7.1 10.7
68 4.7 4.5 6.7





#23
Nitrobenzene-d5
Concen: 26.326 ng
RT: 7.210 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF130458.D
Acq: 28 Sep 2022 20:58

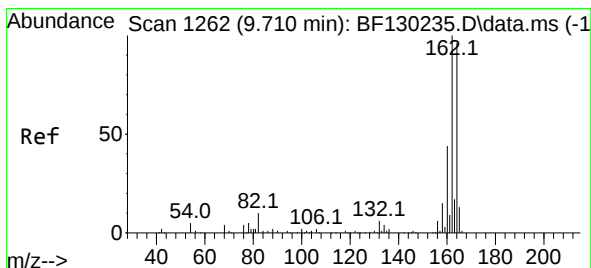
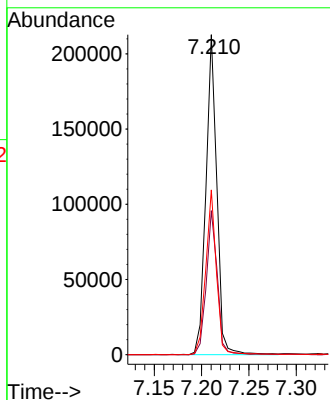
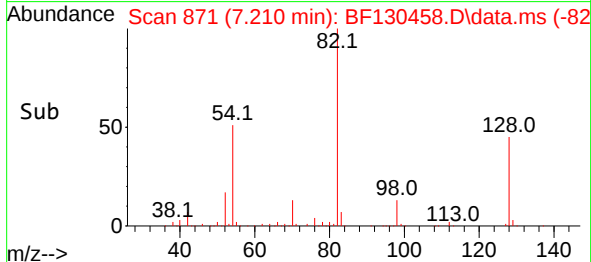
Instrument :
BNA_F
ClientSampleId :
SASP2-T-1-(0-6)DL



Tgt Ion: 82 Resp: 171032
Ion Ratio Lower Upper
82 100
128 45.0 32.6 49.0
54 51.5 43.8 65.6

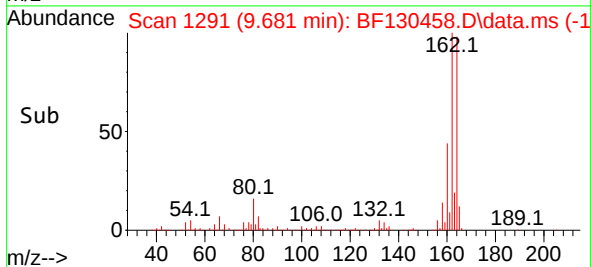
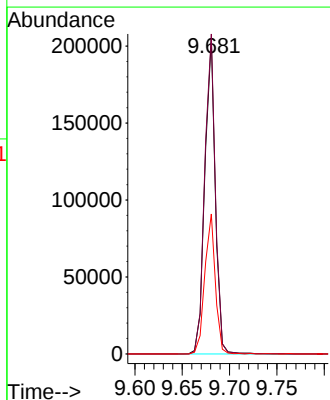
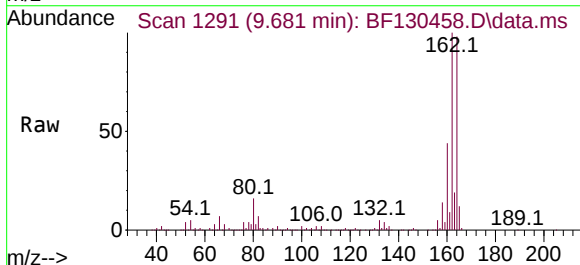
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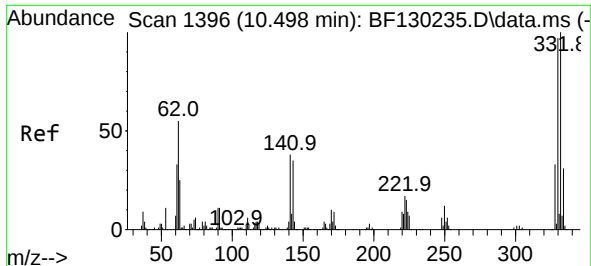
Reviewed By :Christian Giraldo 09/29/2022
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.681 min Scan# 1291
Delta R.T. 0.000 min
Lab File: BF130458.D
Acq: 28 Sep 2022 20:58

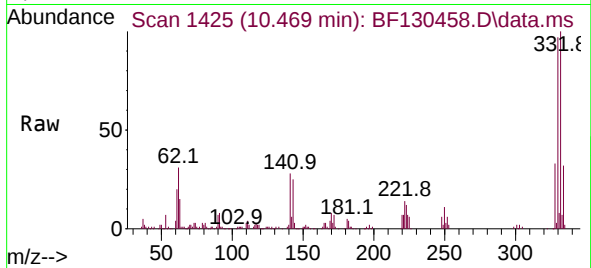
Tgt Ion:164 Resp: 158184
Ion Ratio Lower Upper
164 100
162 101.6 81.4 122.0
160 44.4 36.2 54.4





#42
2,4,6-Tribromophenol
Concen: 48.200 ng
RT: 10.469 min Scan# 141
Delta R.T. 0.000 min
Lab File: BF130458.D
Acq: 28 Sep 2022 20:58

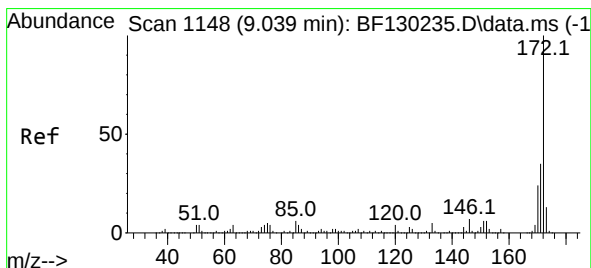
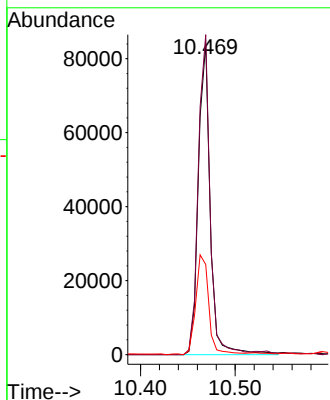
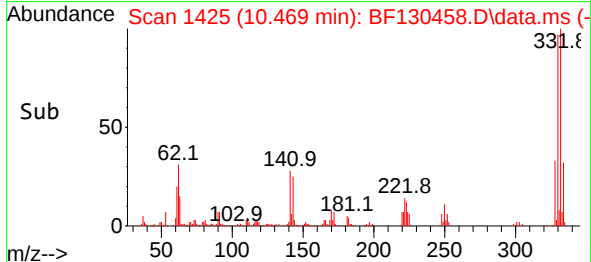
Instrument :
BNA_F
ClientSampleId :
SASP2-T-1-(0-6)DL



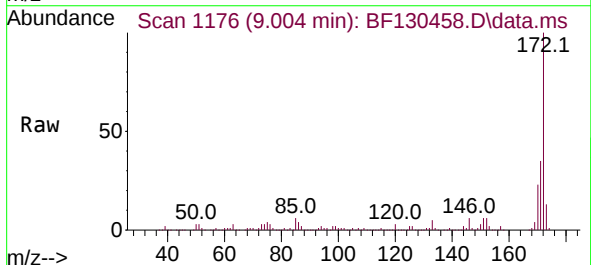
Tgt Ion: 330 Resp: 73052
Ion Ratio Lower Upper
330 100
332 101.7 83.4 125.2
141 35.2 34.0 51.0

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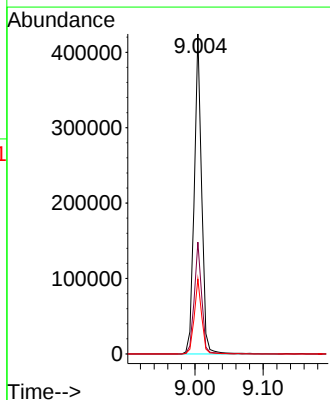
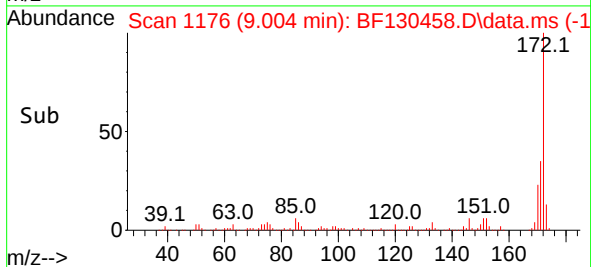
Reviewed By : Christian Giraldo 09/29/2022
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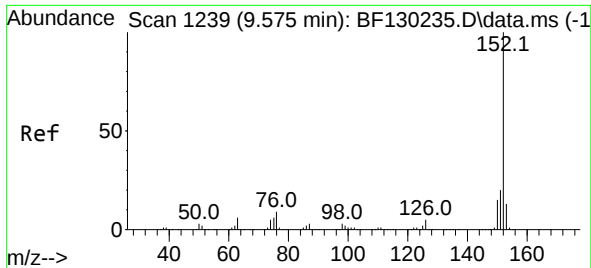


#45
2-Fluorobiphenyl
Concen: 29.406 ng
RT: 9.004 min Scan# 1176
Delta R.T. -0.006 min
Lab File: BF130458.D
Acq: 28 Sep 2022 20:58



Tgt Ion: 172 Resp: 319431
Ion Ratio Lower Upper
172 100
171 34.9 28.3 42.5
170 23.4 18.7 28.1





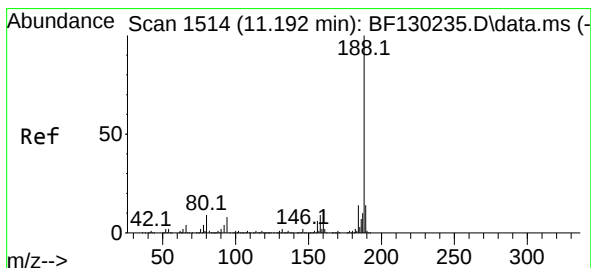
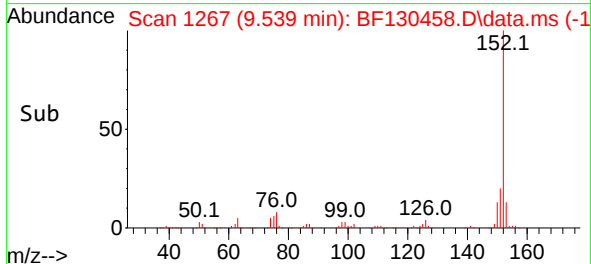
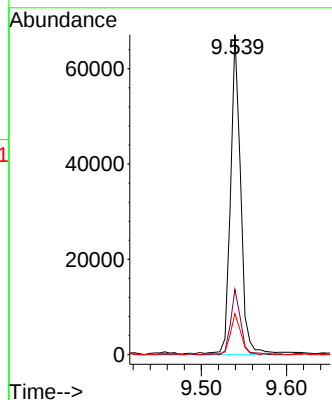
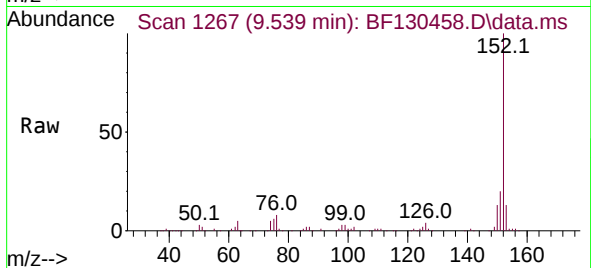
#49
Acenaphthylene
Concen: 3.904 ng
RT: 9.539 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF130458.D
Acq: 28 Sep 2022 20:58

Instrument :
BNA_F
ClientSampleId :
SASP2-T-1-(0-6)DL

Tgt Ion:152 Resp: 55942
Ion Ratio Lower Upper
152 100
151 20.4 16.2 24.2
153 12.8 10.6 15.8

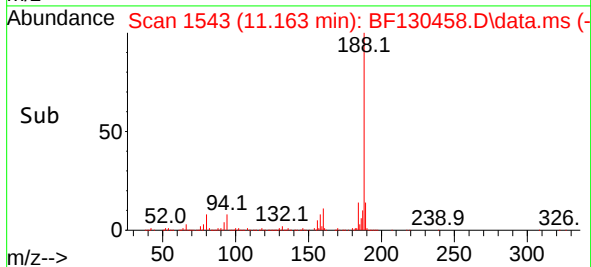
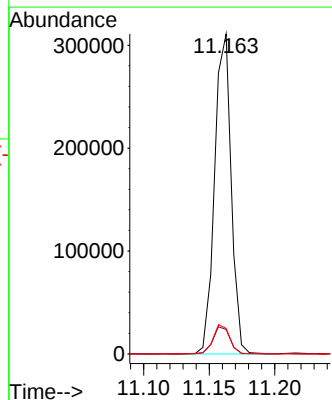
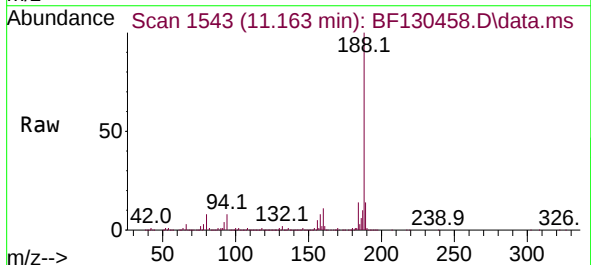
Manual Integrations
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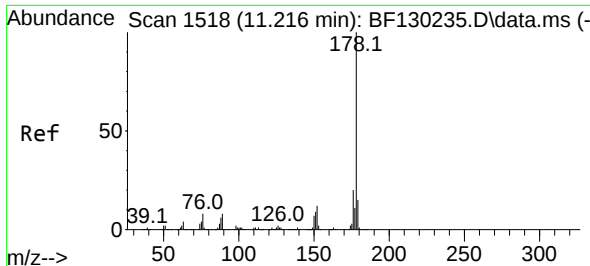
Reviewed By :Christian Giraldo 09/29/2022
Supervised By :Jagrut Upadhyay 09/29/2022



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.163 min Scan# 1543
Delta R.T. 0.006 min
Lab File: BF130458.D
Acq: 28 Sep 2022 20:58

Tgt Ion:188 Resp: 274069
Ion Ratio Lower Upper
188 100
94 7.7 7.4 11.2
80 8.0 7.9 11.9





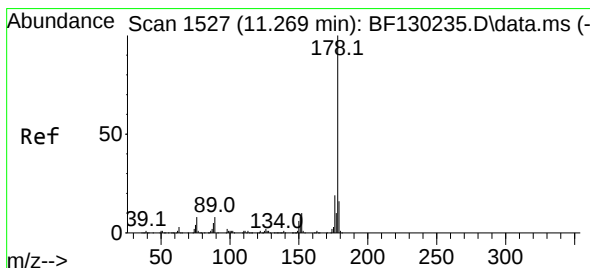
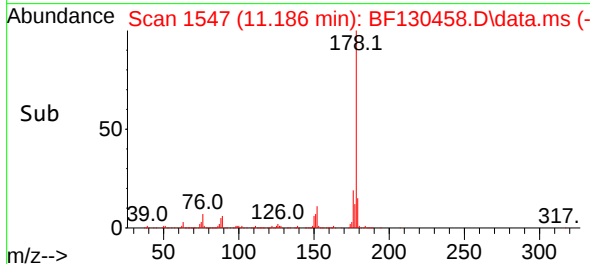
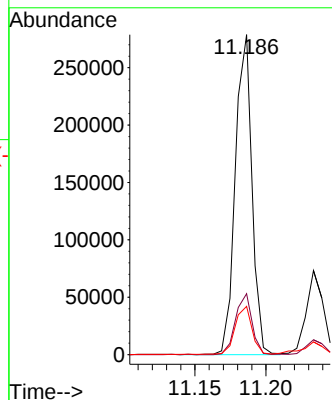
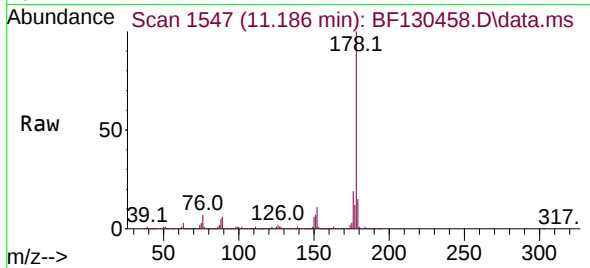
#71
Phenanthrene
Concen: 14.739 ng
RT: 11.186 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF130458.D
Acq: 28 Sep 2022 20:58

Instrument :
BNA_F
ClientSampleId :
SASP2-T-1-(0-6)DL

Tgt Ion:178 Resp: 226797
Ion Ratio Lower Upper
178 100
176 19.0 15.4 23.0
179 15.1 12.4 18.6

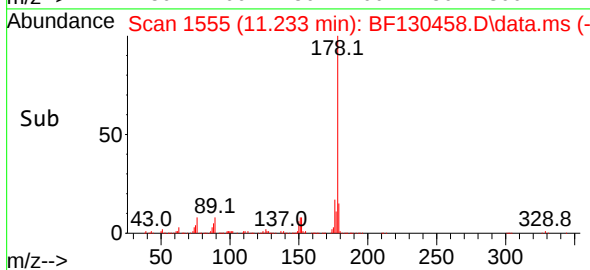
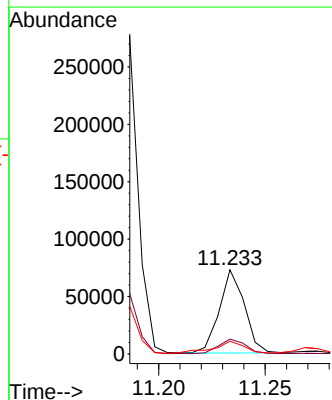
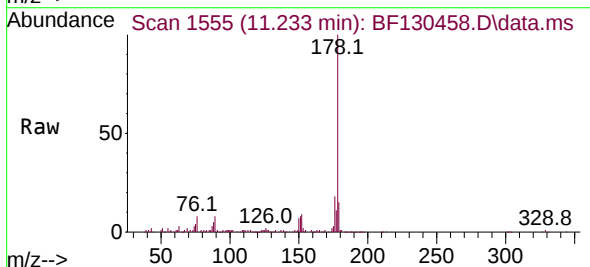
Manual Integrations
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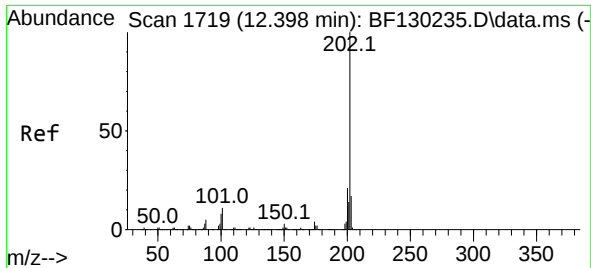
Reviewed By :Christian Giraldo 09/29/2022
Supervised By :Jagrut Upadhyay 09/29/2022



#72
Anthracene
Concen: 4.009 ng
RT: 11.233 min Scan# 1555
Delta R.T. 0.000 min
Lab File: BF130458.D
Acq: 28 Sep 2022 20:58

Tgt Ion:178 Resp: 59525
Ion Ratio Lower Upper
178 100
176 17.6 15.0 22.6
179 15.1 12.7 19.1





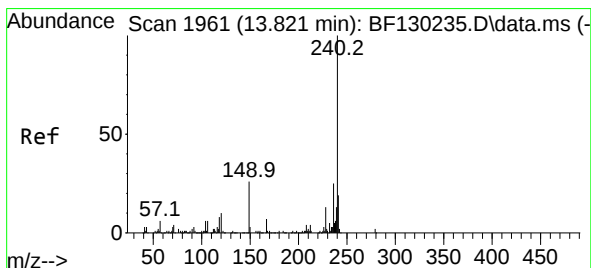
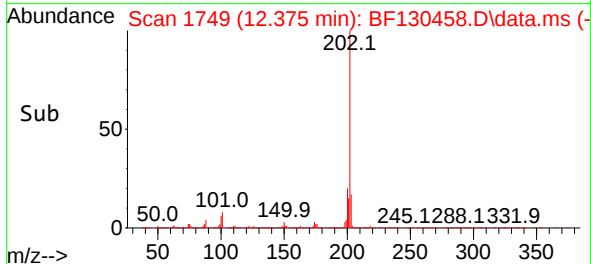
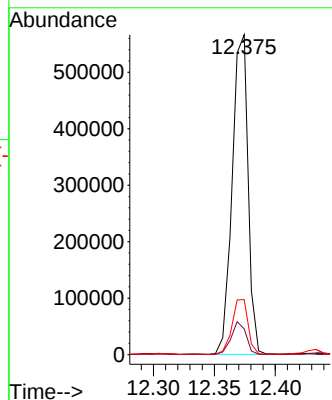
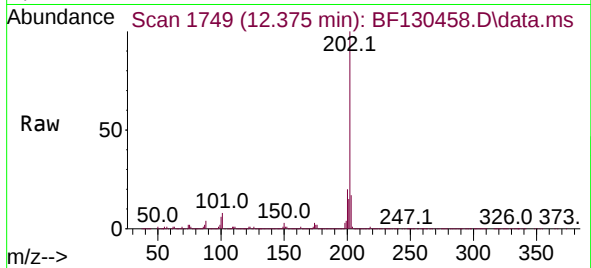
#75
Fluoranthene
Concen: 34.659 ng
RT: 12.375 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF130458.D
Acq: 28 Sep 2022 20:58

Instrument :
BNA_F
ClientSampleId :
SASP2-T-1-(0-6)DL

Tgt Ion:202 Resp: 515339
Ion Ratio Lower Upper
202 100
101 8.0 0.0 31.8
203 17.2 0.0 37.8

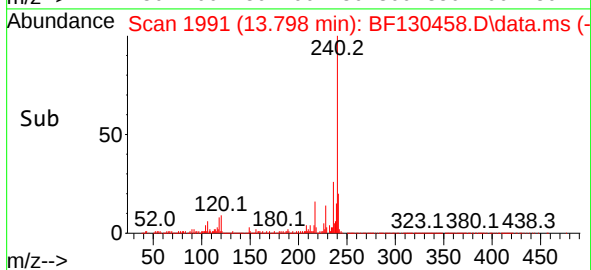
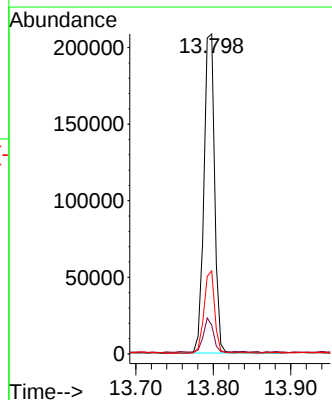
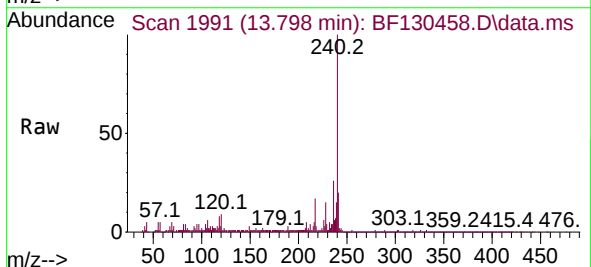
Manual Integrations
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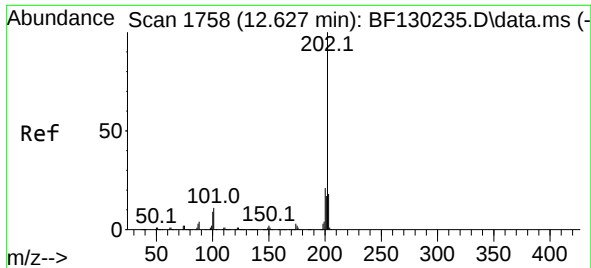
Reviewed By :Christian Giraldo 09/29/2022
Supervised By :Jagrut Upadhyay 09/29/2022



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.798 min Scan# 1991
Delta R.T. 0.006 min
Lab File: BF130458.D
Acq: 28 Sep 2022 20:58

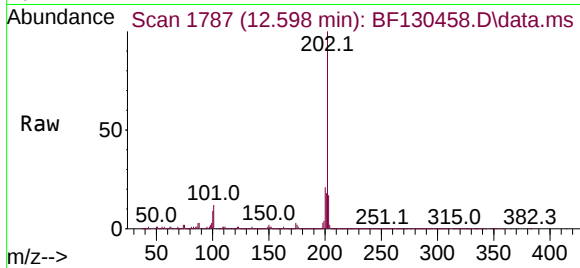
Tgt Ion:240 Resp: 199141
Ion Ratio Lower Upper
240 100
120 9.0 8.7 13.1
236 25.9 20.9 31.3





#78
Pyrene
Concen: 25.899 ng
RT: 12.598 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF130458.D
Acq: 28 Sep 2022 20:58

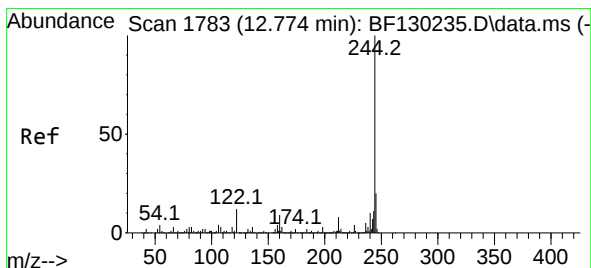
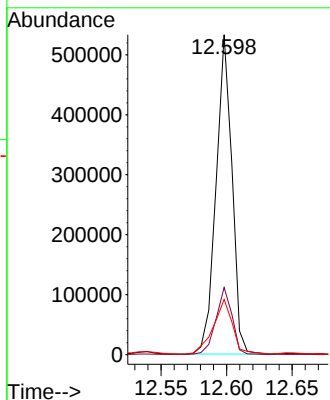
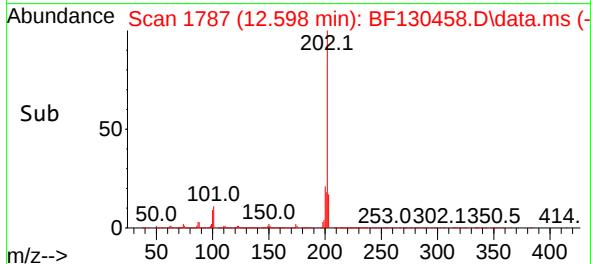
Instrument :
BNA_F
ClientSampleId :
SASP2-T-1-(0-6)DL



Tgt Ion:202 Resp: 451172
Ion Ratio Lower Upper
202 100
200 21.0 17.2 25.8
203 17.2 14.3 21.5

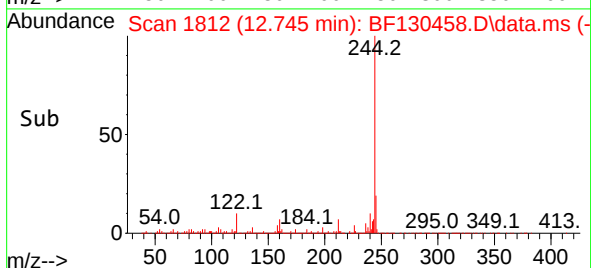
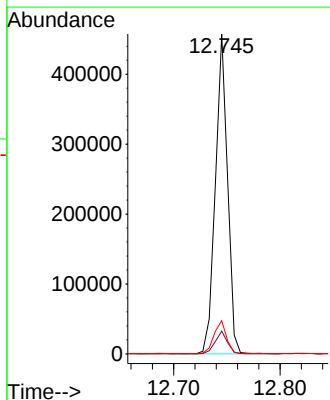
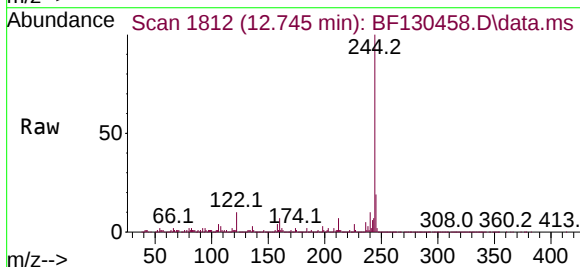
Manual Integrations
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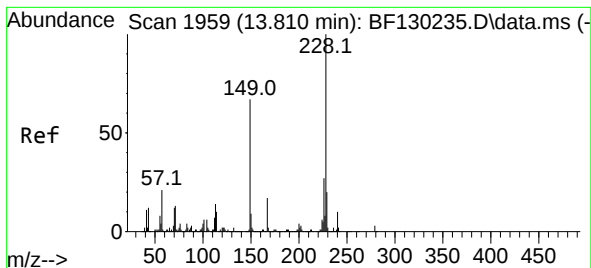
Reviewed By :Christian Giraldo 09/29/2022
Supervised By :Jagrut Upadhyay 09/29/2022



#79
Terphenyl-d14
Concen: 30.134 ng
RT: 12.745 min Scan# 1812
Delta R.T. 0.000 min
Lab File: BF130458.D
Acq: 28 Sep 2022 20:58

Tgt Ion:244 Resp: 362271
Ion Ratio Lower Upper
244 100
212 7.1 5.9 8.9
122 10.4 8.5 12.7





#81

Benzo(a)anthracene

Concen: 15.578 ng m

RT: 13.786 min Scan# 1959

Delta R.T. 0.006 min

Lab File: BF130458.D

Acq: 28 Sep 2022 20:58

Instrument :

BNF

ClientSampleId :

SASP2-T-1-(0-6)DL

Tgt Ion:228 Resp: 206380

Ion Ratio Lower Upper

228 100

226 34.4 21.9 32.9

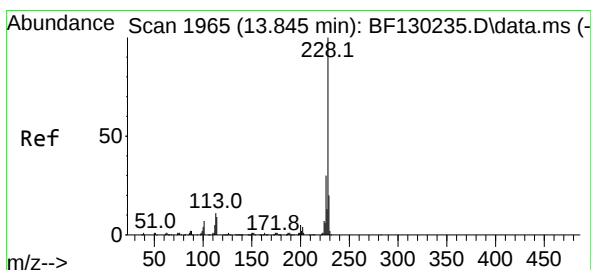
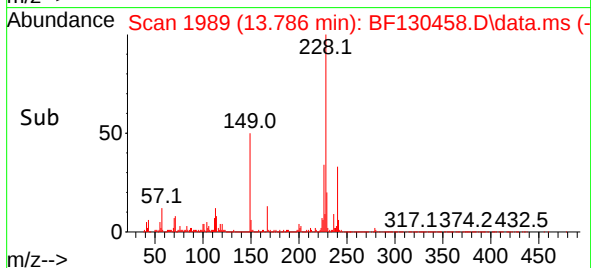
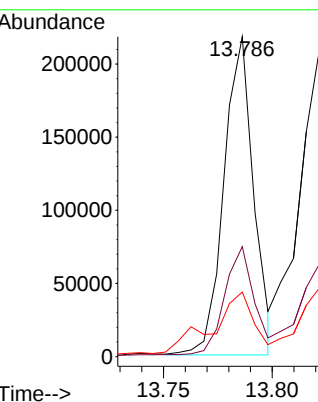
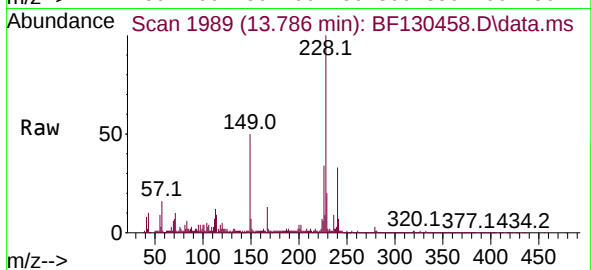
229 20.2 16.1 24.1

Manual Integrations

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Reviewed By :Christian Giraldo 09/29/2022

Supervised By :Jagrut Upadhyay 09/29/2022



#83

Chrysene

Concen: 15.950 ng

RT: 13.822 min Scan# 1995

Delta R.T. 0.006 min

Lab File: BF130458.D

Acq: 28 Sep 2022 20:58

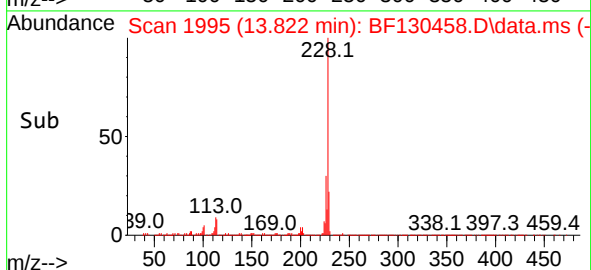
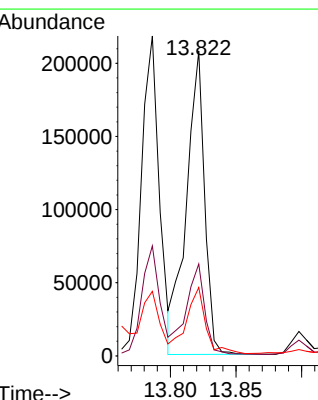
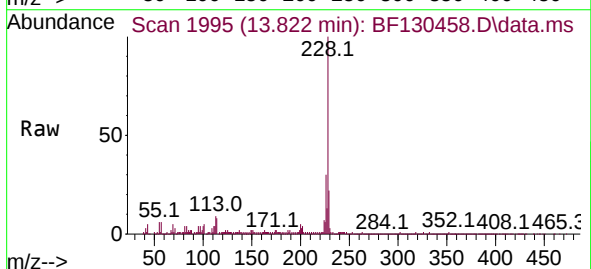
Tgt Ion:228 Resp: 200638

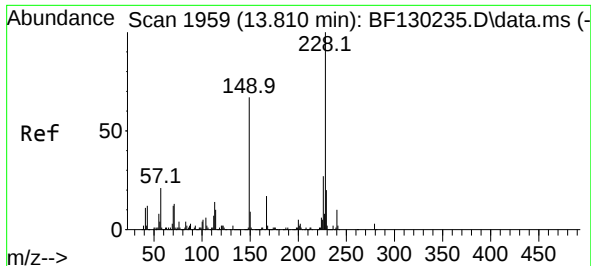
Ion Ratio Lower Upper

228 100

226 30.2 23.8 35.8

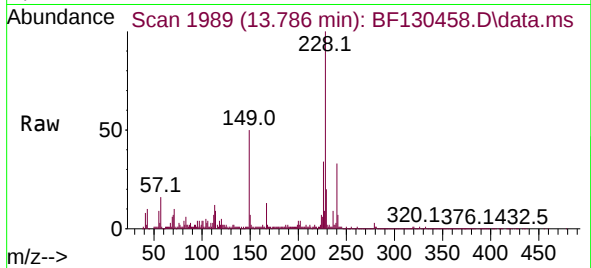
229 22.4 15.3 22.9





#84
Bis(2-ethylhexyl)phthalate
Concen: 12.205 ng
RT: 13.786 min Scan# 1959
Delta R.T. 0.006 min
Lab File: BF130458.D
Acq: 28 Sep 2022 20:58

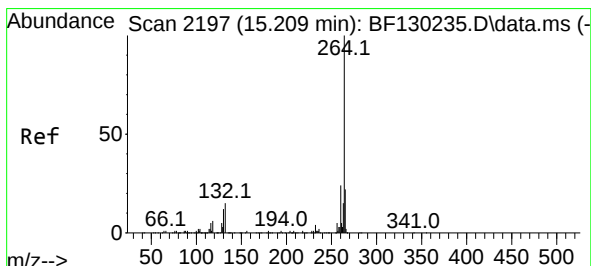
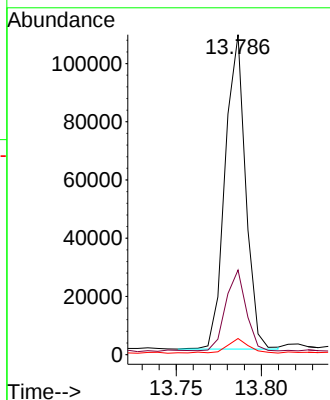
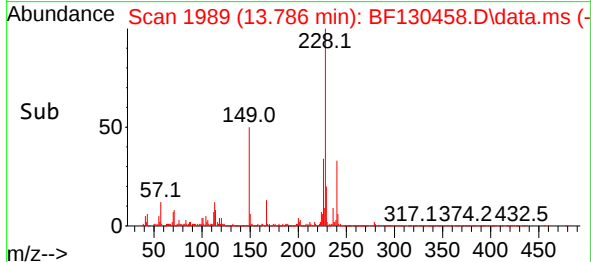
Instrument :
BNA_F
ClientSampleId :
SASP2-T-1-(0-6)DL



Tgt Ion:149 Resp: 90226
Ion Ratio Lower Upper
149 100
167 26.4 20.5 30.7
279 5.0 2.9 4.3

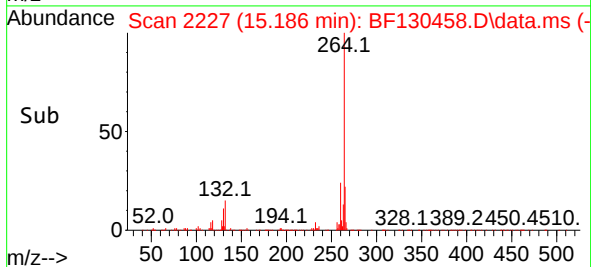
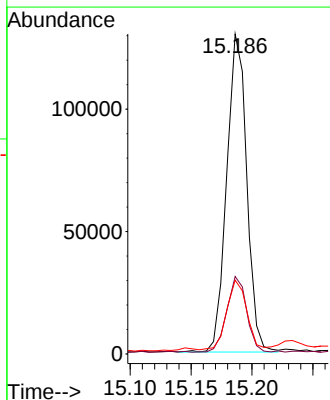
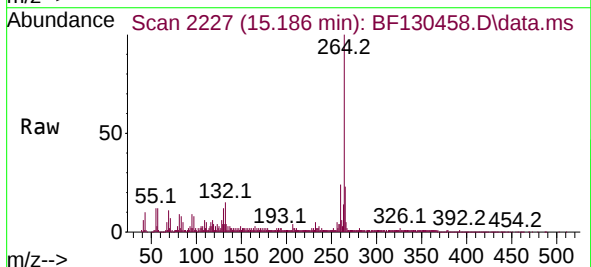
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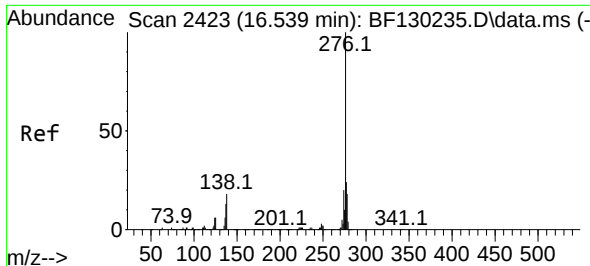
Reviewed By :Christian Giraldo 09/29/2022
Supervised By :Jagrut Upadhyay 09/29/2022



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.186 min Scan# 2227
Delta R.T. 0.012 min
Lab File: BF130458.D
Acq: 28 Sep 2022 20:58

Tgt Ion:264 Resp: 148918
Ion Ratio Lower Upper
264 100
260 24.2 19.3 28.9
265 23.0 17.0 25.4





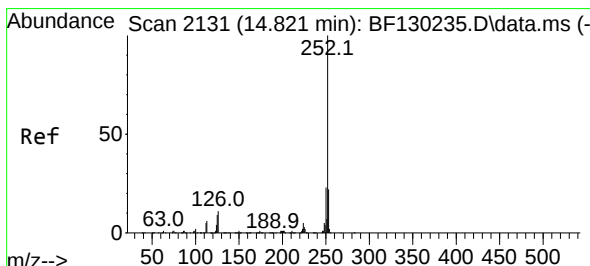
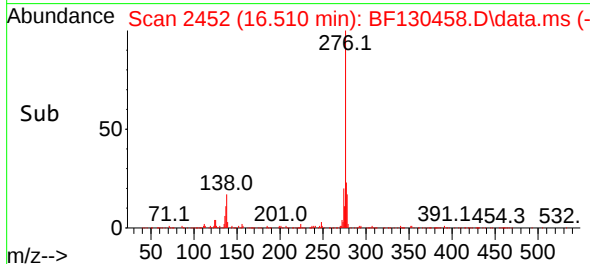
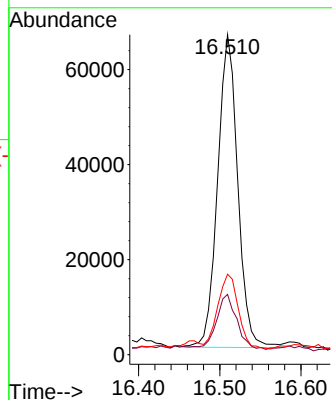
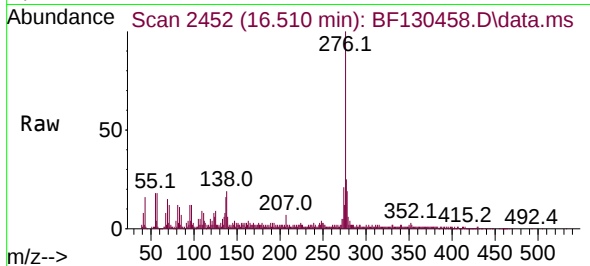
#87
Indeno(1,2,3-cd)pyrene
Concen: 10.751 ng
RT: 16.510 min Scan# 2423
Delta R.T. 0.012 min
Lab File: BF130458.D
Acq: 28 Sep 2022 20:58

Instrument :
BNA_F
ClientSampleId :
SASP2-T-1-(0-6)DL

Tgt Ion:276 Resp: 113535
Ion Ratio Lower Upper
276 100
138 17.4 18.5 27.7
277 24.4 20.2 30.4

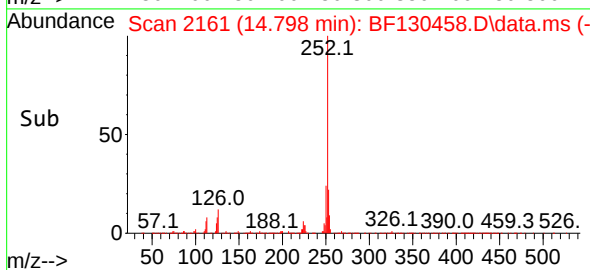
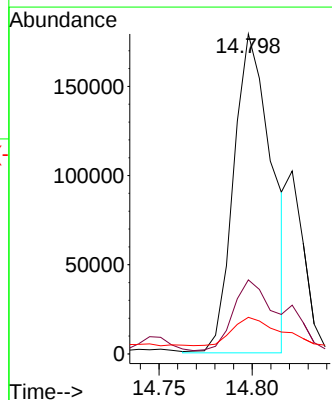
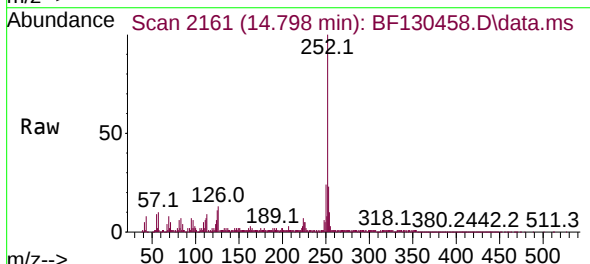
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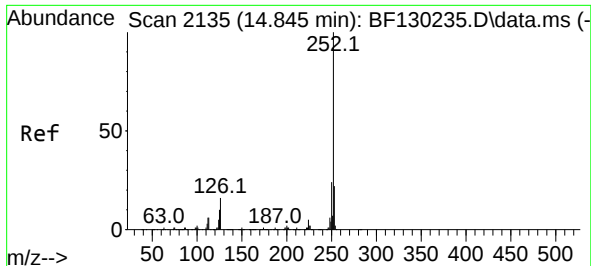
Reviewed By :Christian Giraldo 09/29/2022
Supervised By :Jagrut Upadhyay 09/29/2022



#88
Benzo(b)fluoranthene
Concen: 26.185 ng m
RT: 14.798 min Scan# 2161
Delta R.T. 0.012 min
Lab File: BF130458.D
Acq: 28 Sep 2022 20:58

Tgt Ion:252 Resp: 254511
Ion Ratio Lower Upper
252 100
253 23.1 17.7 26.5
125 11.4 8.1 12.1





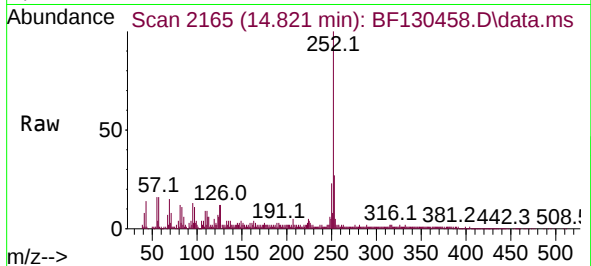
#89
Benzo(k)fluoranthene
Concen: 6.760 ng m
RT: 14.821 min Scan# 2135
Delta R.T. 0.006 min
Lab File: BF130458.D
Acq: 28 Sep 2022 20:58

Instrument :

BNF

ClientSampleId :

SASP2-T-1-(0-6)DL

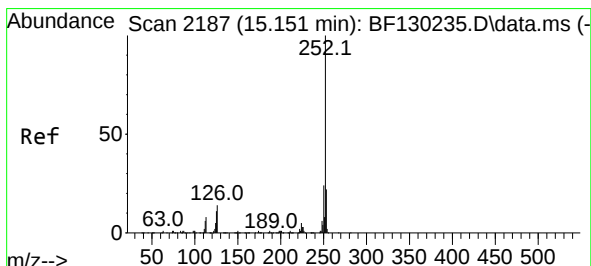
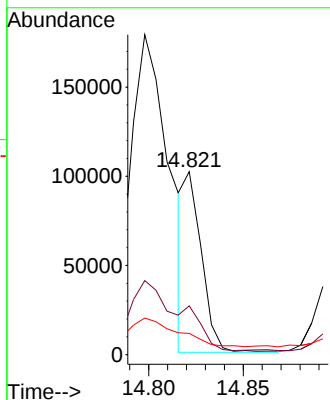
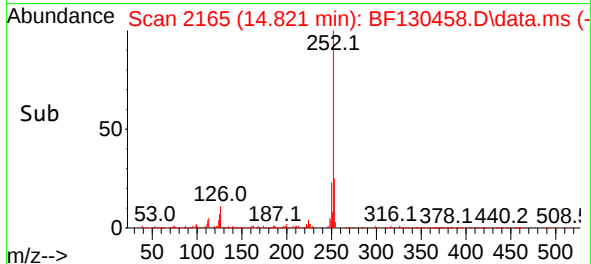


Tgt Ion:252 Resp: 64638
Ion Ratio Lower Upper
252 100
253 26.7 17.4 26.2
125 11.6 7.9 11.9

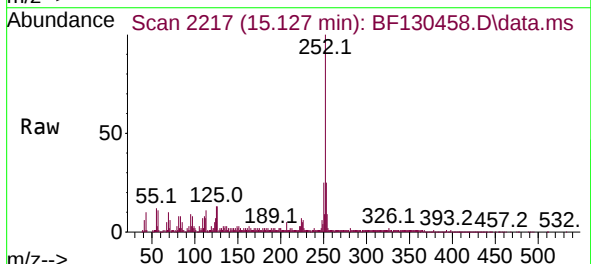
Manual Integrations

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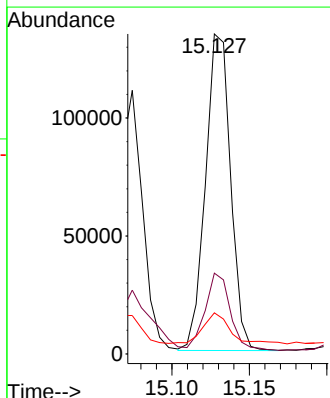
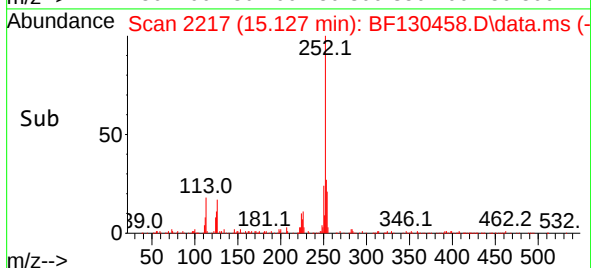
Reviewed By :Christian Giraldo 09/29/2022
Supervised By :Jagrut Upadhyay 09/29/2022

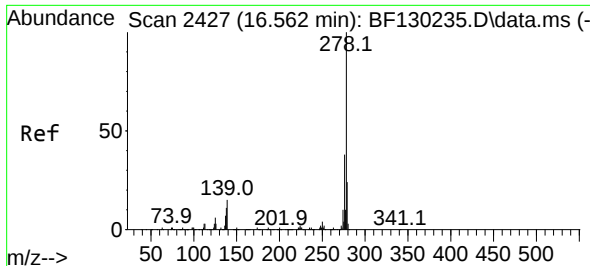


#90
Benzo(a)pyrene
Concen: 19.712 ng
RT: 15.127 min Scan# 2217
Delta R.T. 0.012 min
Lab File: BF130458.D
Acq: 28 Sep 2022 20:58



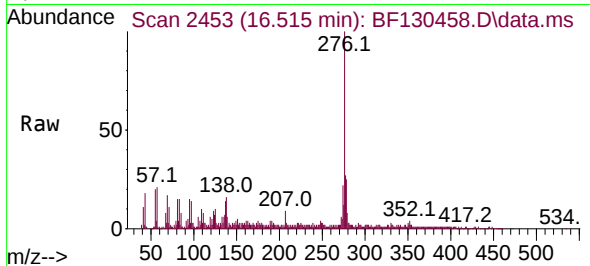
Tgt Ion:252 Resp: 151790
Ion Ratio Lower Upper
252 100
253 25.2 17.8 26.6
125 12.8 9.0 13.6





#91
Dibenzo(a,h)anthracene
Concen: 3.314 ng
RT: 16.515 min Scan# 2427
Delta R.T. 0.006 min
Lab File: BF130458.D
Acq: 28 Sep 2022 20:58

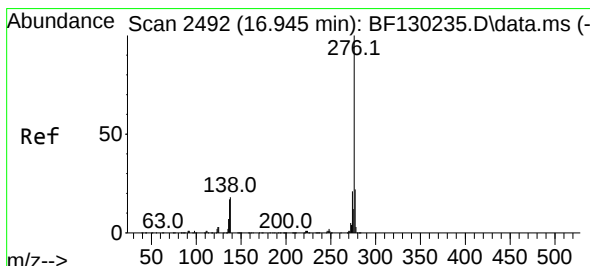
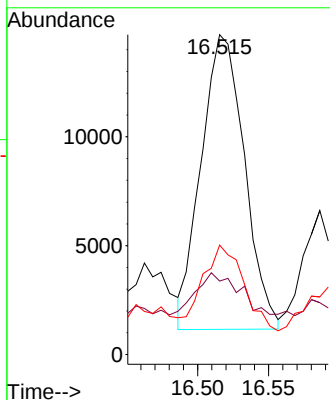
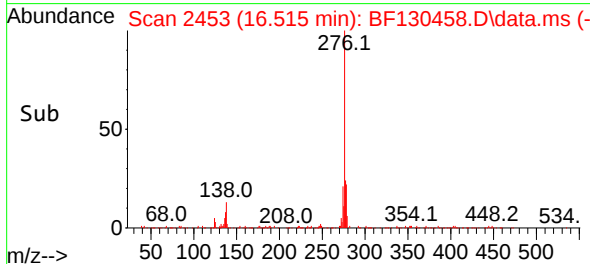
Instrument :
BNA_F
ClientSampleId :
SASP2-T-1-(0-6)DL



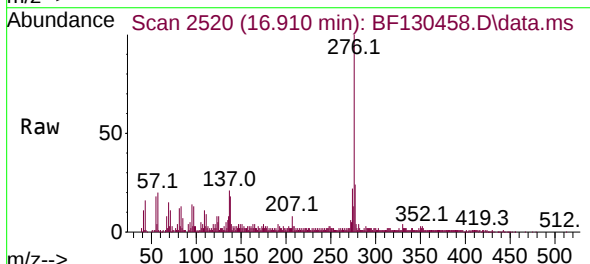
Tgt Ion: 278 Resp: 28712
Ion Ratio Lower Upper
278 100
139 23.0 11.8 17.8
279 34.2 19.4 29.0

Manual Integrations
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Reviewed By : Christian Giraldo 09/29/2022
Supervised By : Jagrut Upadhyay 09/29/2022



#92
Benzo(g,h,i)perylene
Concen: 12.907 ng
RT: 16.910 min Scan# 2520
Delta R.T. 0.018 min
Lab File: BF130458.D
Acq: 28 Sep 2022 20:58



Tgt Ion: 276 Resp: 112641
Ion Ratio Lower Upper
276 100
277 24.2 18.6 27.8
138 17.9 14.6 21.8

