

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100722\
 Data File : BF130589.D
 Acq On : 07 Oct 2022 23:03
 Operator : CG\JU
 Sample : N5018-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SASP2-T-3-(0-5)

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 10/10/2022
 Supervised By : Jagrut Upadhyay 10/10/2022

Quant Time: Oct 10 01:47:03 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 07 02:06:46 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.610	152	70854	20.000	ng	0.00
21) Naphthalene-d8	7.892	136	247087	20.000	ng	-0.01
39) Acenaphthene-d10	9.639	164	117409	20.000	ng	-0.01
64) Phenanthrene-d10	11.122	188	203021	20.000	ng	-0.01
76) Chrysene-d12	13.757	240	199355	20.000	ng	0.00
86) Perylene-d12	15.139	264	182539	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.216	112	422613	103.453	ng	0.00
7) Phenol-d6	6.257	99	487434	95.363	ng	-0.01
23) Nitrobenzene-d5	7.181	82	310130	64.123	ng	-0.01
42) 2,4,6-Tribromophenol	10.428	330	122920	109.262	ng	-0.01
45) 2-Fluorobiphenyl	8.969	172	519453	64.426	ng	-0.01
79) Terphenyl-d14	12.710	244	602499	50.063	ng	0.00
Target Compounds						Qvalue
49) Acenaphthylene	9.504	152	23845	2.242	ng	98
71) Phenanthrene	11.145	178	234116	20.539	ng	99
72) Anthracene	11.198	178	32340	2.940	ng	98
75) Fluoranthene	12.333	202	421332	38.253	ng	97
78) Pyrene	12.557	202	405277	23.239	ng	100
81) Benzo(a)anthracene	13.745	228	197929	14.924	ng	98
83) Chrysene	13.780	228	226840	18.014	ng	98
84) Bis(2-ethylhexyl)phtha...	13.745	149	229853	31.060	ng	98
87) Indeno(1,2,3-cd)pyrene	16.433	276	83602m	6.458	ng	
88) Benzo(b)fluoranthene	14.757	252	256770m	21.552	ng	
89) Benzo(k)fluoranthene	14.774	252	83134m	7.093	ng	
90) Benzo(a)pyrene	15.080	252	160626	17.017	ng	97
91) Dibenzo(a,h)anthracene	16.445	278	22864m	2.153	ng	
92) Benzo(g,h,i)perylene	16.827	276	72439	6.772	ng	97

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

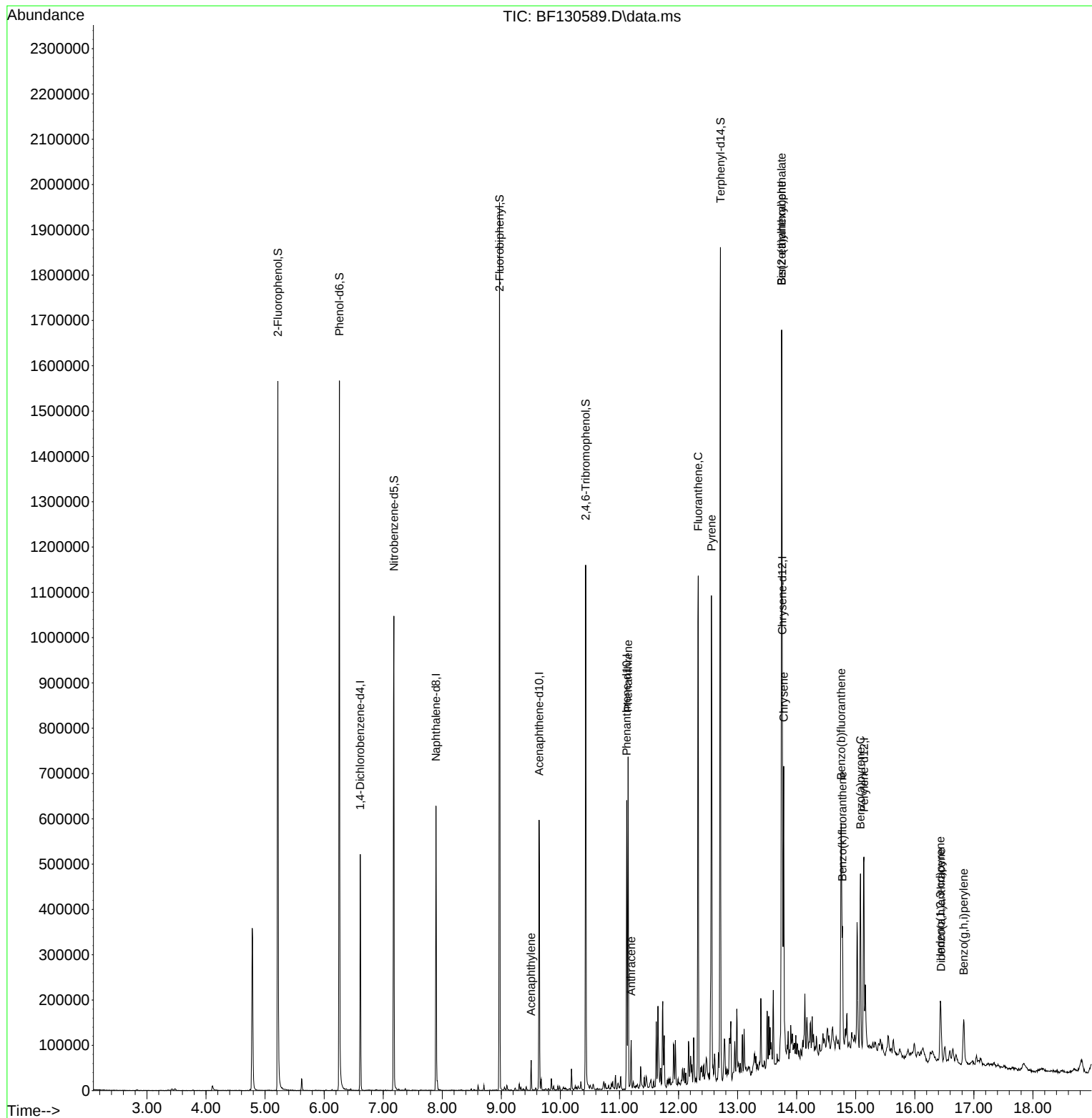
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100722\
Data File : BF130589.D
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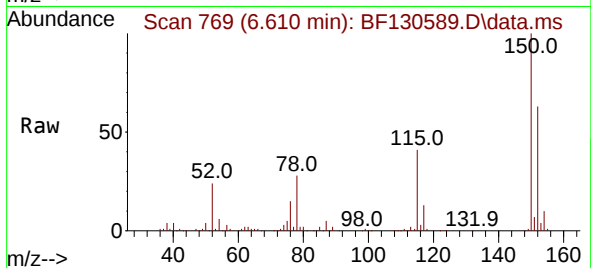
Quant Time: Oct 10 01:47:03 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 07 02:06:46 2022
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.610 min Scan# 70
Delta R.T. -0.006 min
Lab File: BF130589.D
Acq: 07 Oct 2022 23:03

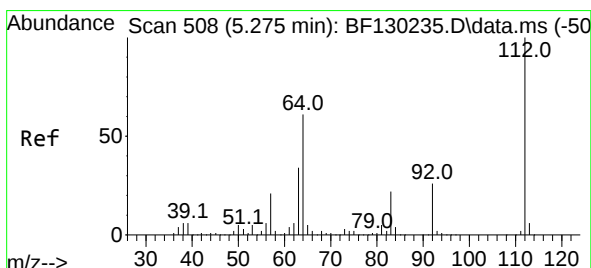
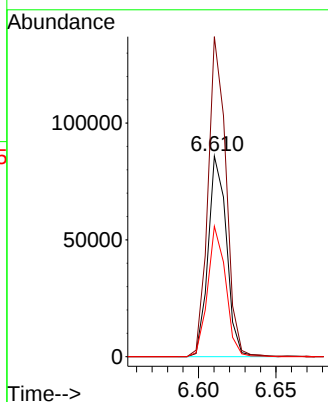
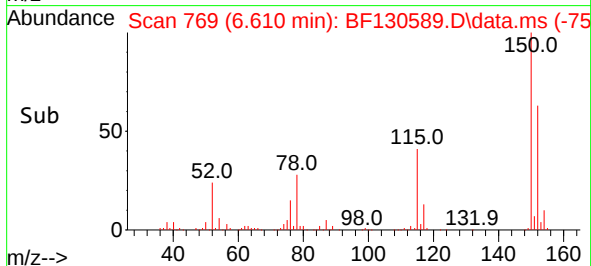
Instrument :
BNA_F
ClientSampleId :
SASP2-T-3-(0-5)



Tgt Ion:152 Resp: 70854
Ion Ratio Lower Upper
152 100
150 159.5 122.8 184.2
115 65.0 53.8 80.8

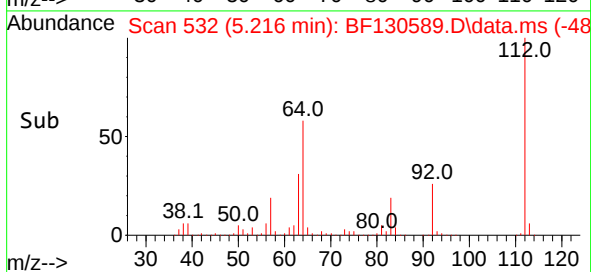
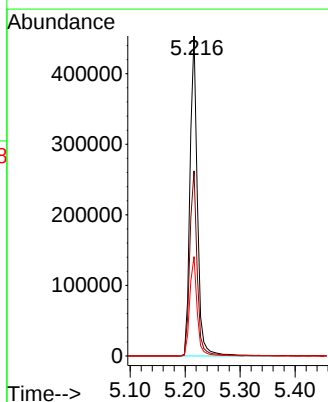
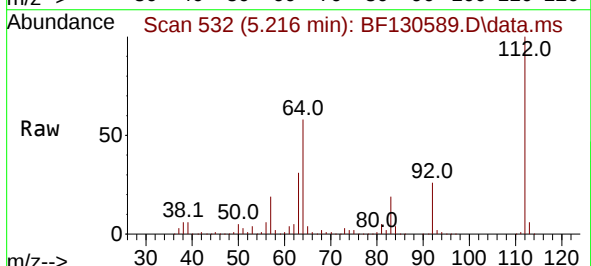
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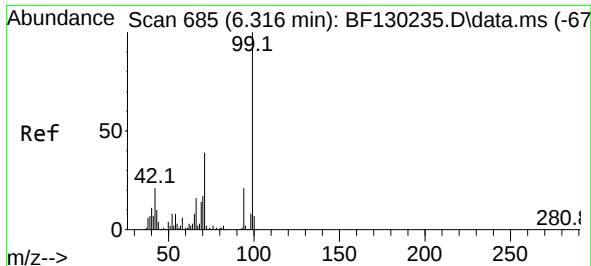
Reviewed By :Christian Giraldo 10/10/2022
Supervised By :Jagrut Upadhyay 10/10/2022



#5
2-Fluorophenol
Concen: 103.453 ng
RT: 5.216 min Scan# 532
Delta R.T. 0.000 min
Lab File: BF130589.D
Acq: 07 Oct 2022 23:03

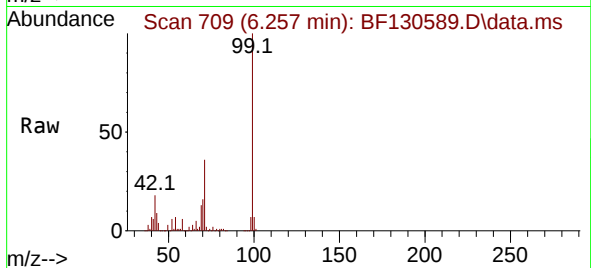
Tgt Ion:112 Resp: 422613
Ion Ratio Lower Upper
112 100
64 57.9 51.4 77.0
63 31.0 28.8 43.2





#7
Phenol-d6
Concen: 95.363 ng
RT: 6.257 min Scan# 709
Delta R.T. -0.012 min
Lab File: BF130589.D
Acq: 07 Oct 2022 23:03

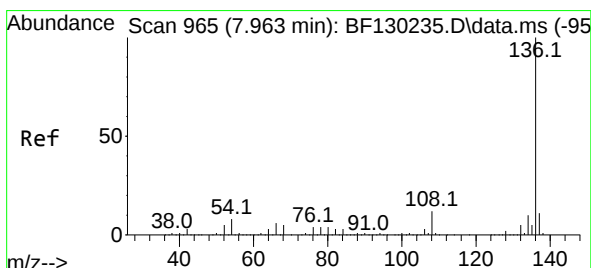
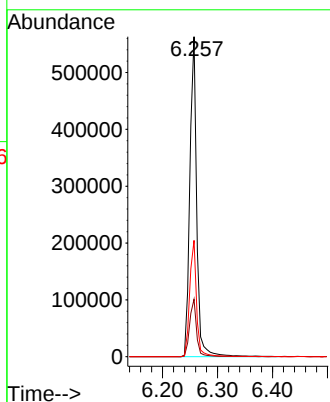
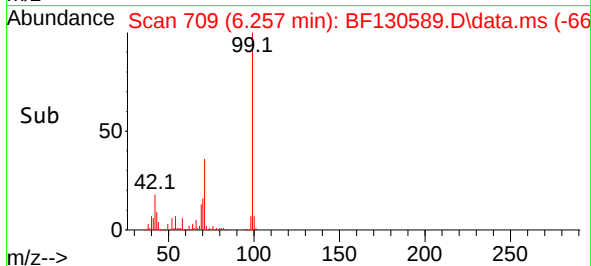
Instrument :
BNA_F
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SASP2-T-3-(0-5)



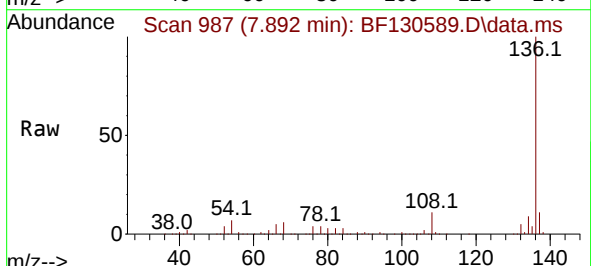
Tgt Ion: 99 Resp: 487434
Ion Ratio Lower Upper
99 100
42 18.0 17.0 25.6
71 36.4 32.3 48.5

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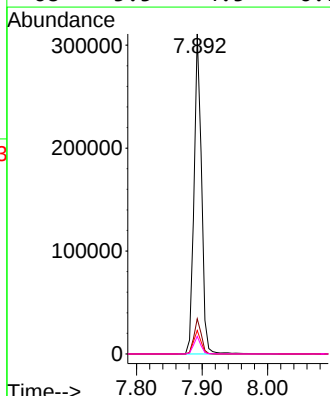
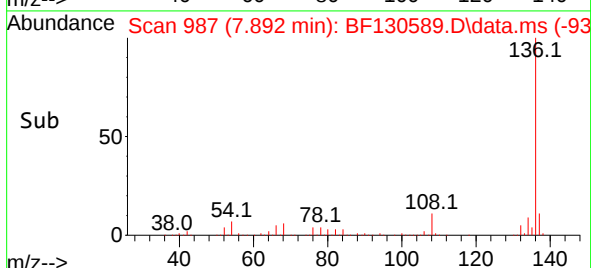
Reviewed By :Christian Giraldo 10/10/2022
Supervised By :Jagrut Upadhyay 10/10/2022

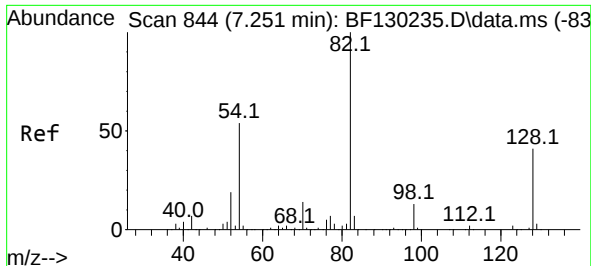


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.892 min Scan# 987
Delta R.T. -0.012 min
Lab File: BF130589.D
Acq: 07 Oct 2022 23:03



Tgt Ion:136 Resp: 247087
Ion Ratio Lower Upper
136 100
137 11.0 9.1 13.7
54 7.3 7.1 10.7
68 5.5 4.5 6.7





#23
Nitrobenzene-d5
Concen: 64.123 ng
RT: 7.181 min Scan# 80
Delta R.T. -0.012 min
Lab File: BF130589.D
Acq: 07 Oct 2022 23:03

Instrument :

BNA_F

ClientSampleId :

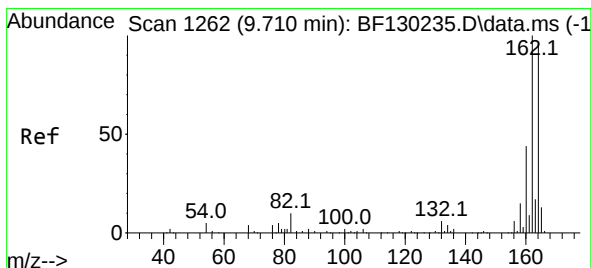
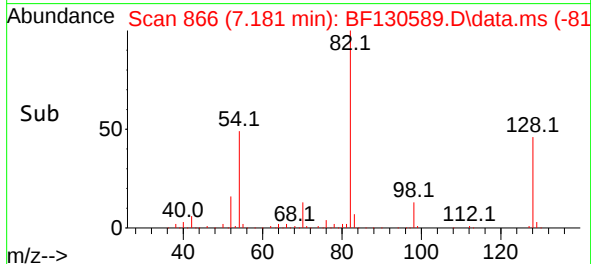
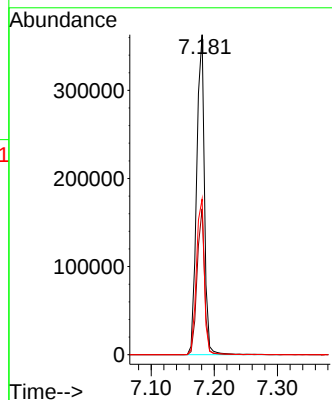
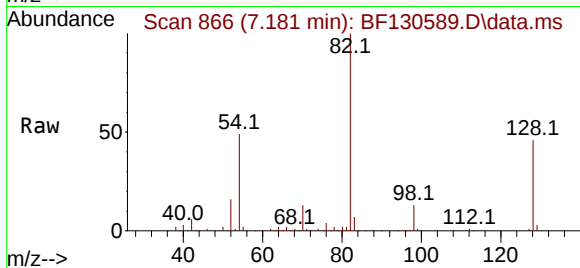
SASP2-T-3-(0-5)

Tgt Ion: 82 Resp: 310130
Ion Ratio Lower Upper
82 100
128 45.6 32.6 49.0
54 48.6 43.8 65.6

Manual Integrations

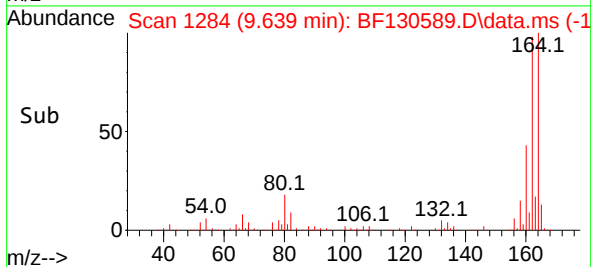
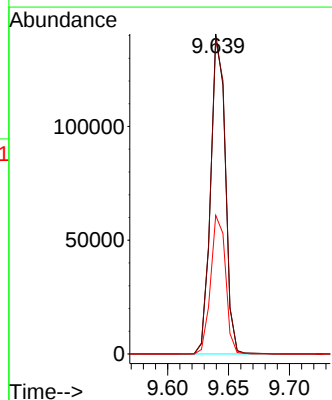
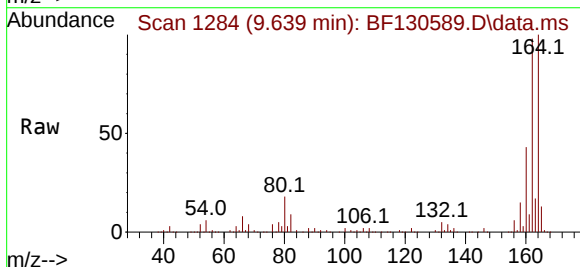
APPROVED

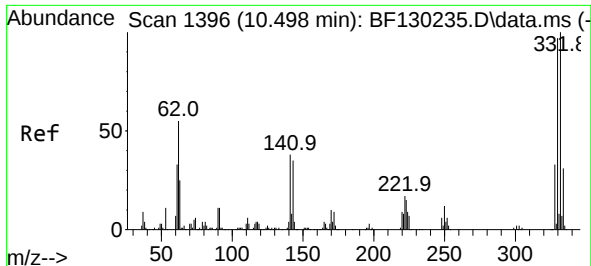
Reviewed By :Christian Giraldo 10/10/2022
Supervised By :Jagrut Upadhyay 10/10/2022



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.639 min Scan# 1284
Delta R.T. -0.012 min
Lab File: BF130589.D
Acq: 07 Oct 2022 23:03

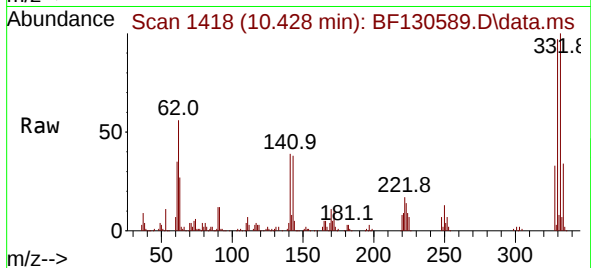
Tgt Ion:164 Resp: 117409
Ion Ratio Lower Upper
164 100
162 98.1 81.4 122.0
160 43.3 36.2 54.4





#42
2,4,6-Tribromophenol
Concen: 109.262 ng
RT: 10.428 min Scan# 1418
Delta R.T. -0.012 min
Lab File: BF130589.D
Acq: 07 Oct 2022 23:03

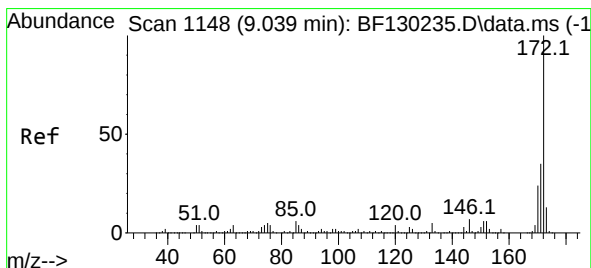
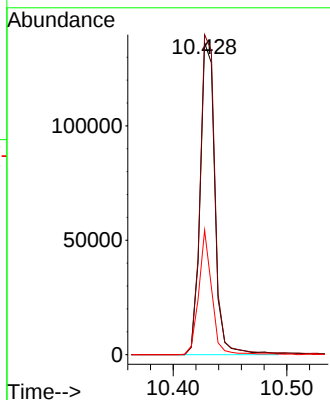
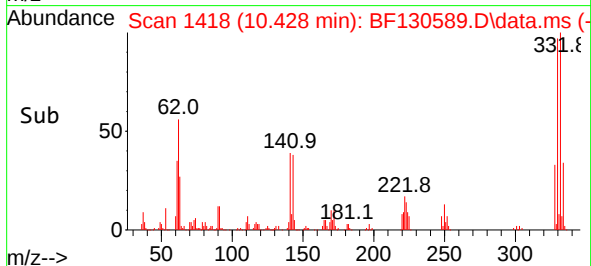
Instrument :
BNA_F
ClientSampleId :
SASP2-T-3-(0-5)



Tgt Ion:330 Resp: 122920
Ion Ratio Lower Upper
330 100
332 105.1 83.4 125.2
141 35.6 34.0 51.0

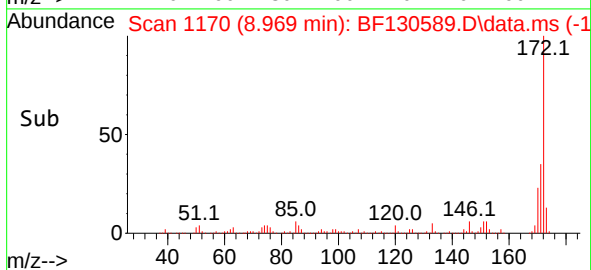
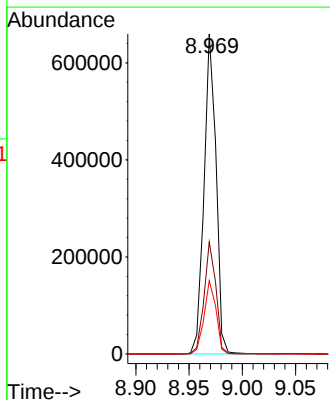
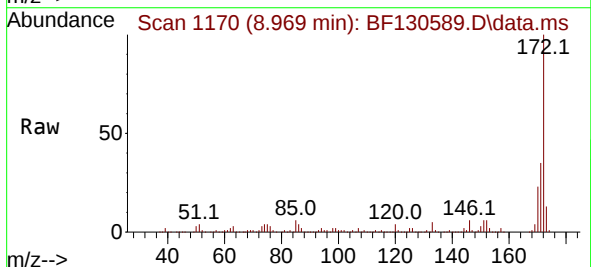
Manual Integrations
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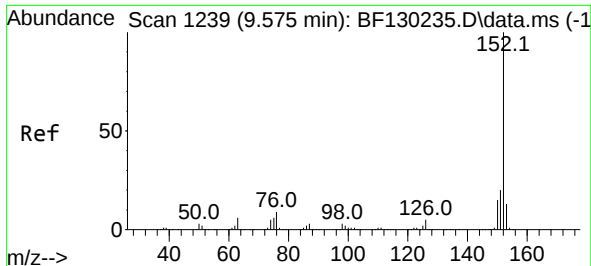
Reviewed By :Christian Giraldo 10/10/2022
Supervised By :Jagrut Upadhyay 10/10/2022



#45
2-Fluorobiphenyl
Concen: 64.426 ng
RT: 8.969 min Scan# 1170
Delta R.T. -0.012 min
Lab File: BF130589.D
Acq: 07 Oct 2022 23:03

Tgt Ion:172 Resp: 519453
Ion Ratio Lower Upper
172 100
171 35.0 28.3 42.5
170 22.9 18.7 28.1





#49

Acenaphthylene

Concen: 2.242 ng

RT: 9.504 min Scan# 1536

Delta R.T. -0.012 min

Lab File: BF130589.D

Acq: 07 Oct 2022 23:03

Instrument :

BNA_F

ClientSampleId :

SASP2-T-3-(0-5)

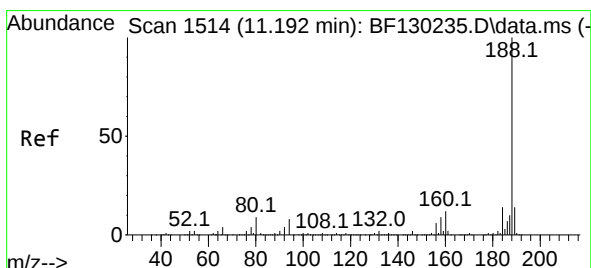
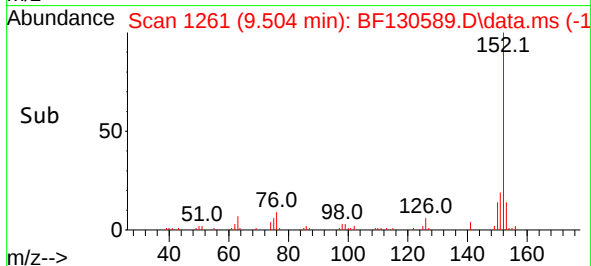
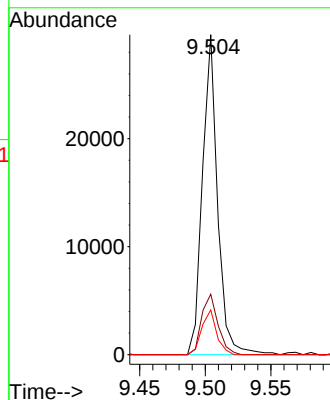
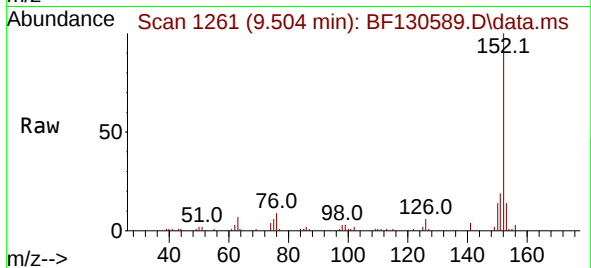
Tgt Ion:152	Resp:	2384
Ion Ratio	Lower	Upper
152	100	
151	18.9	16.2 24.2
153	14.0	10.6 15.8

Manual Integrations

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Reviewed By :Christian Giraldo 10/10/2022

Supervised By :Jagrut Upadhyay 10/10/2022



#64

Phenanthrene-d10

Concen: 20.000 ng

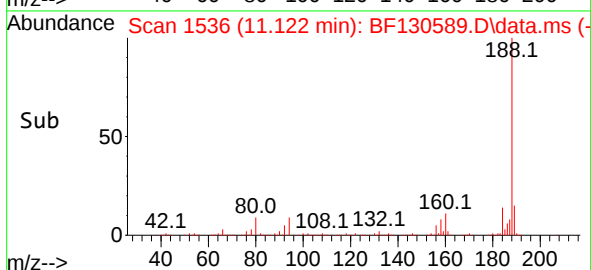
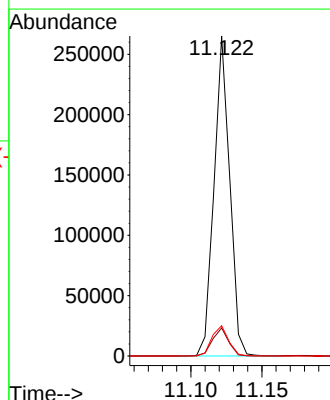
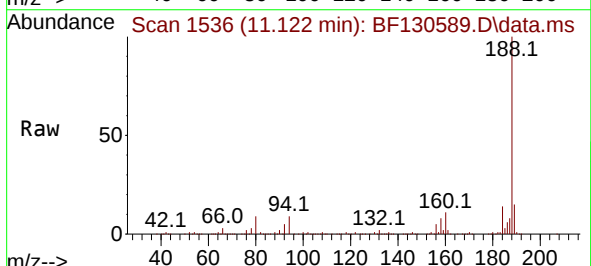
RT: 11.122 min Scan# 1536

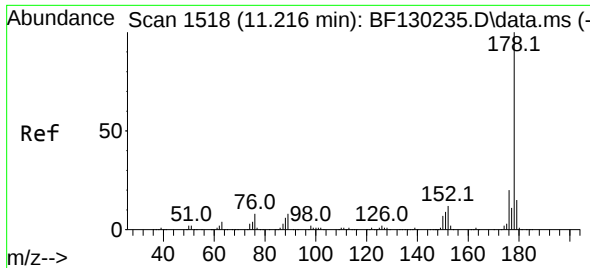
Delta R.T. -0.012 min

Lab File: BF130589.D

Acq: 07 Oct 2022 23:03

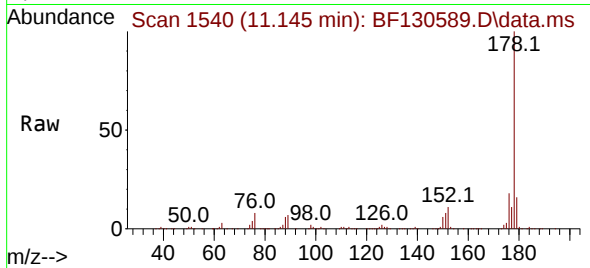
Tgt Ion:188	Resp:	203021
Ion Ratio	Lower	Upper
188	100	
94	8.8	7.4 11.2
80	9.4	7.9 11.9





#71
Phenanthrene
Concen: 20.539 ng
RT: 11.145 min Scan# 1540
Delta R.T. -0.012 min
Lab File: BF130589.D
Acq: 07 Oct 2022 23:03

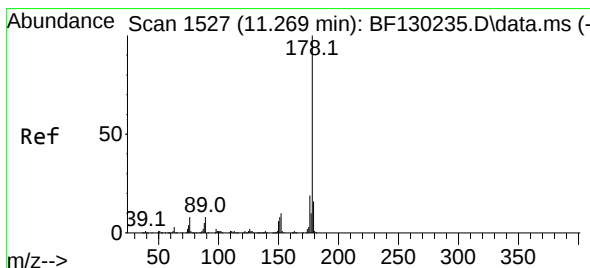
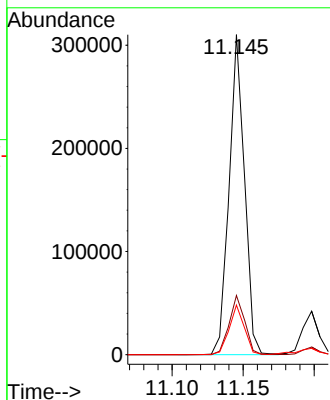
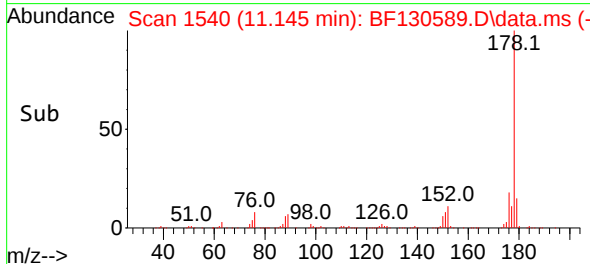
Instrument :
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SASP2-T-3-(0-5)



Tgt Ion:178 Resp: 234110
Ion Ratio Lower Upper
178 100
176 18.5 15.4 23.0
179 15.5 12.4 18.6

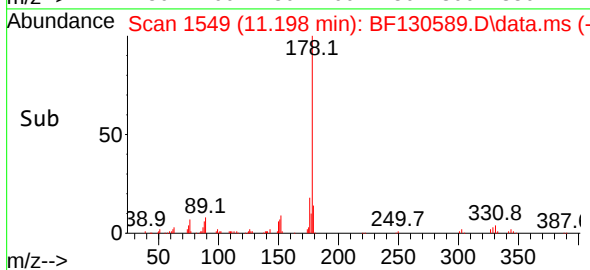
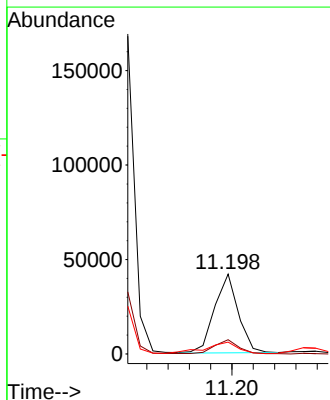
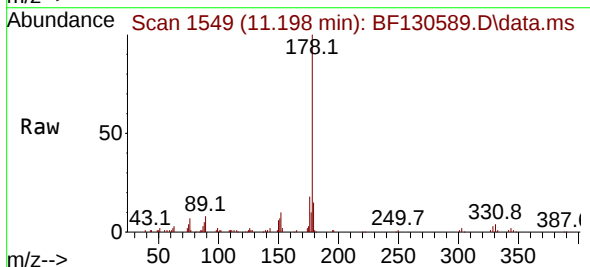
Manual Integrations
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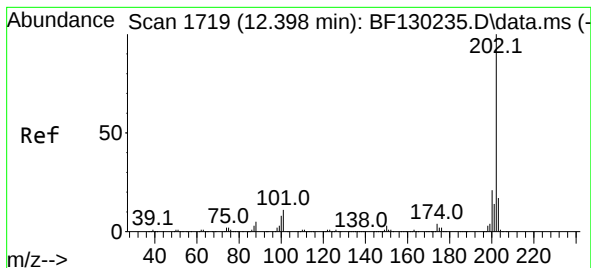
Reviewed By :Christian Giraldo 10/10/2022
Supervised By :Jagrut Upadhyay 10/10/2022



#72
Anthracene
Concen: 2.940 ng
RT: 11.198 min Scan# 1549
Delta R.T. -0.012 min
Lab File: BF130589.D
Acq: 07 Oct 2022 23:03

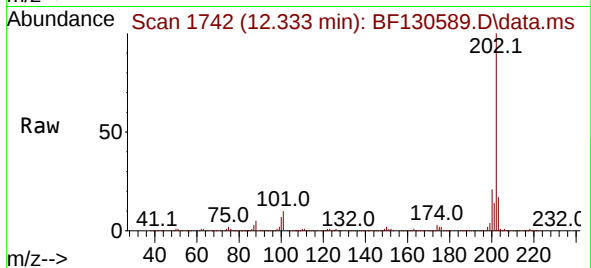
Tgt Ion:178 Resp: 32340
Ion Ratio Lower Upper
178 100
176 17.8 15.0 22.6
179 14.8 12.7 19.1





#75
Fluoranthene
Concen: 38.253 ng
RT: 12.333 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF130589.D
Acq: 07 Oct 2022 23:03

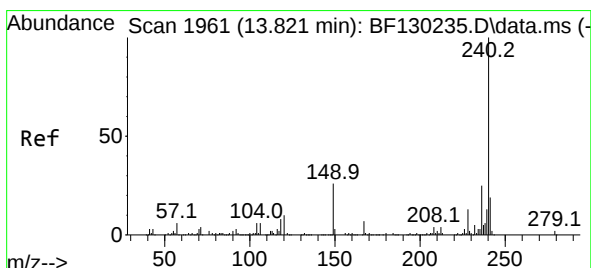
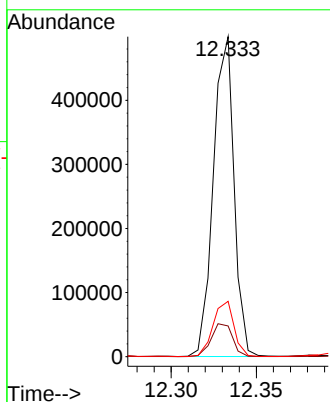
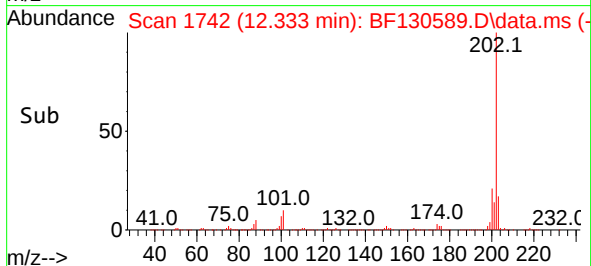
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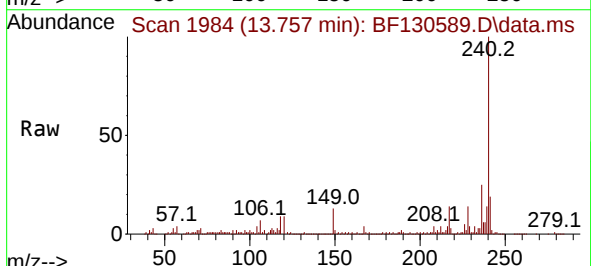
Tgt Ion:202 Resp: 42133
Ion Ratio Lower Upper
202 100
101 9.6 0.0 31.8
203 17.3 0.0 37.8

Manual Integrations
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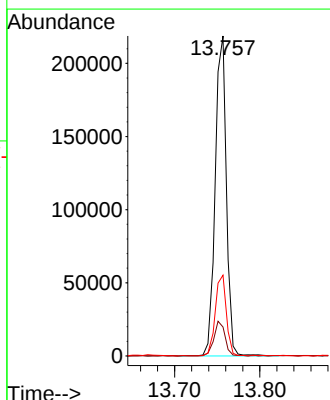
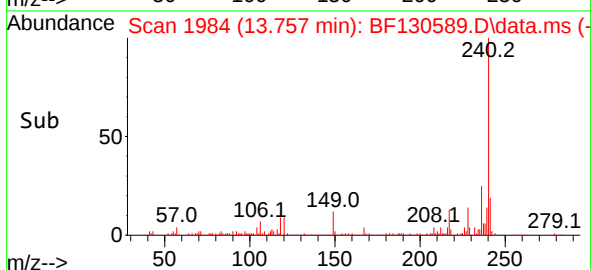
Reviewed By :Christian Giraldo 10/10/2022
Supervised By :Jagrut Upadhyay 10/10/2022

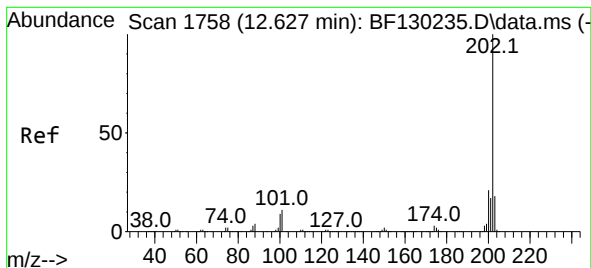


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.757 min Scan# 1984
Delta R.T. -0.006 min
Lab File: BF130589.D
Acq: 07 Oct 2022 23:03



Tgt Ion:240 Resp: 199355
Ion Ratio Lower Upper
240 100
120 9.1 8.7 13.1
236 25.2 20.9 31.3





#78

Pyrene

Concen: 23.239 ng

RT: 12.557 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF130589.D

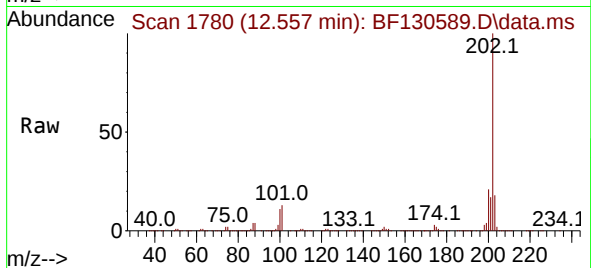
Acq: 07 Oct 2022 23:03

Instrument :

BNA_F

ClientSampleId :

SASP2-T-3-(0-5)



Tgt Ion:202 Resp: 40527

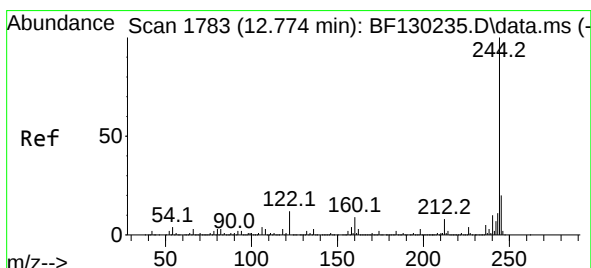
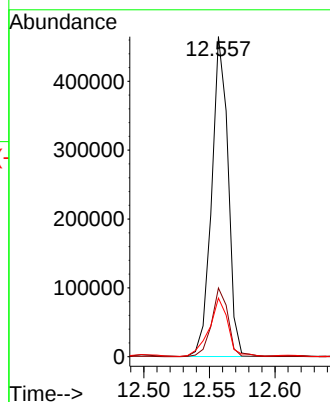
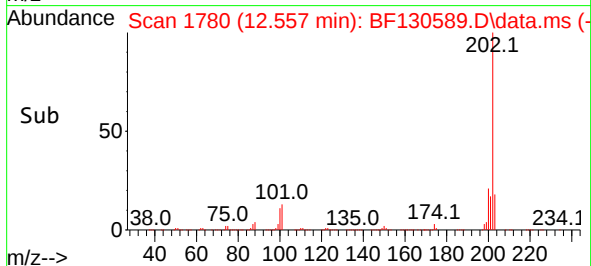
Ion	Ratio	Lower	Upper
202	100		
200	21.4	17.2	25.8
203	18.3	14.3	21.5

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 10/10/2022

Supervised By :Jagrut Upadhyay 10/10/2022



#79

Terphenyl-d14

Concen: 50.063 ng

RT: 12.710 min Scan# 1806

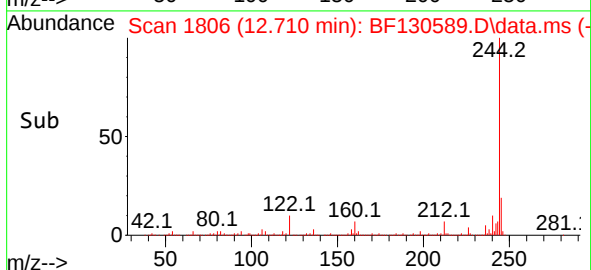
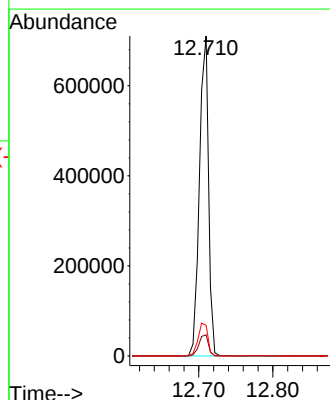
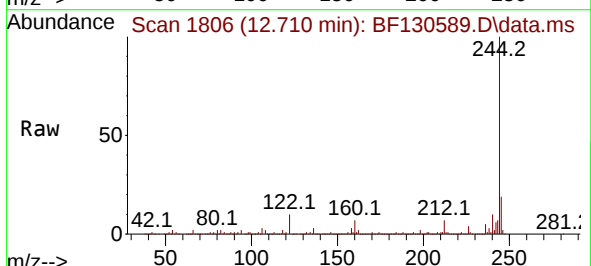
Delta R.T. -0.006 min

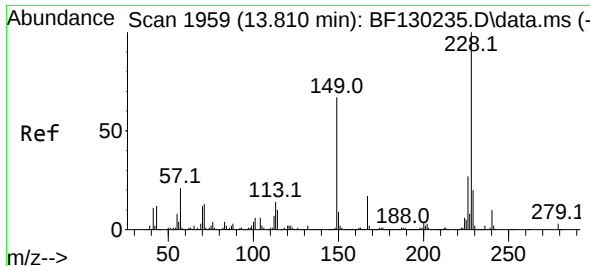
Lab File: BF130589.D

Acq: 07 Oct 2022 23:03

Tgt Ion:244 Resp: 602499

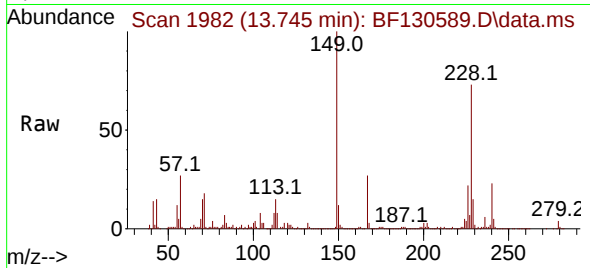
Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.9	8.9
122	9.6	8.5	12.7





#81
Benzo(a)anthracene
Concen: 14.924 ng
RT: 13.745 min Scan# 1959
Delta R.T. -0.006 min
Lab File: BF130589.D
Acq: 07 Oct 2022 23:03

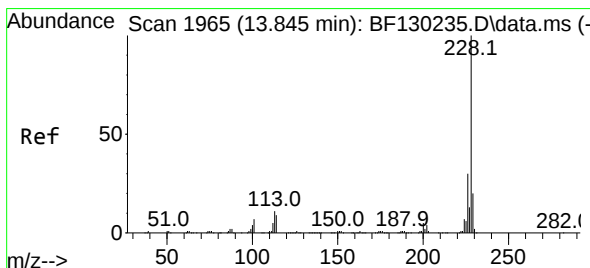
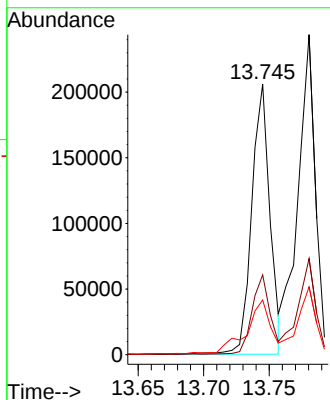
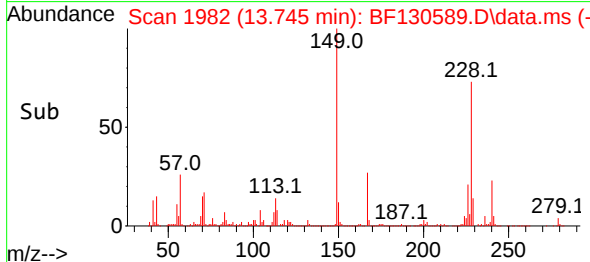
Instrument :
BNA_F
ClientSampleId :
SASP2-T-3-(0-5)



Tgt Ion:228 Resp: 197929
Ion Ratio Lower Upper
228 100
226 29.5 21.9 32.9
229 20.2 16.1 24.1

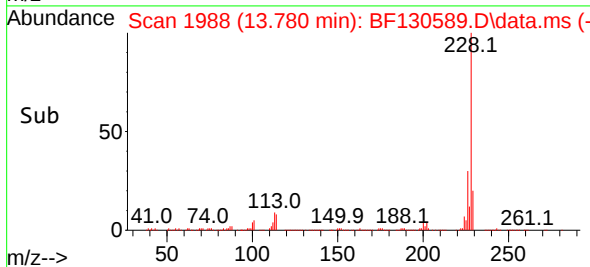
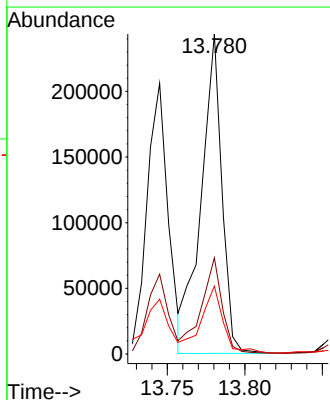
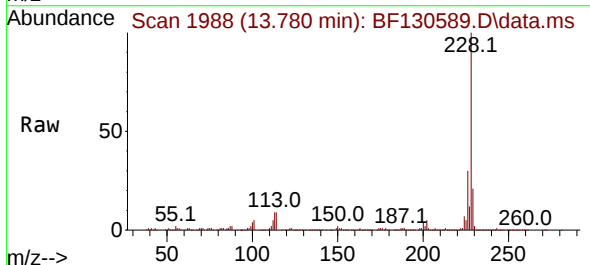
Manual Integrations
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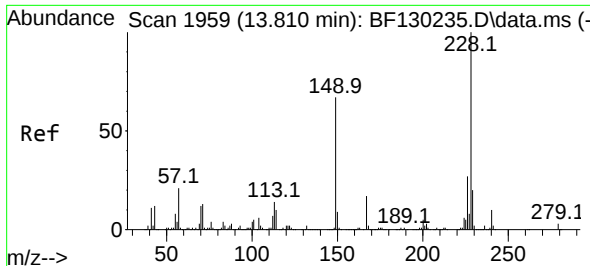
Reviewed By :Christian Giraldo 10/10/2022
Supervised By :Jagrut Upadhyay 10/10/2022



#83
Chrysene
Concen: 18.014 ng
RT: 13.780 min Scan# 1988
Delta R.T. -0.006 min
Lab File: BF130589.D
Acq: 07 Oct 2022 23:03

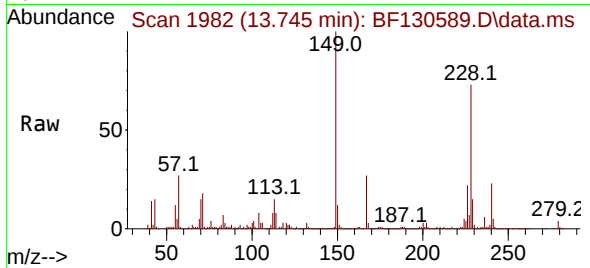
Tgt Ion:228 Resp: 226840
Ion Ratio Lower Upper
228 100
226 30.0 23.8 35.8
229 21.2 15.3 22.9





#84
Bis(2-ethylhexyl)phthalate
Concen: 31.060 ng
RT: 13.745 min Scan# 1959
Delta R.T. -0.006 min
Lab File: BF130589.D
Acq: 07 Oct 2022 23:03

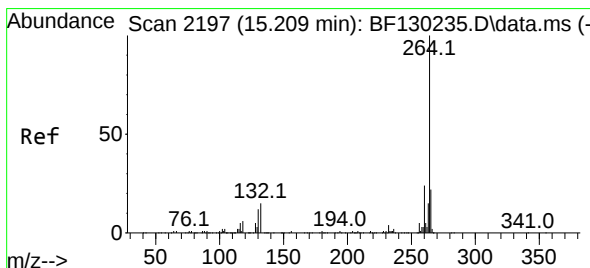
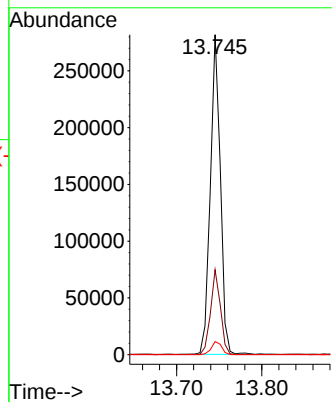
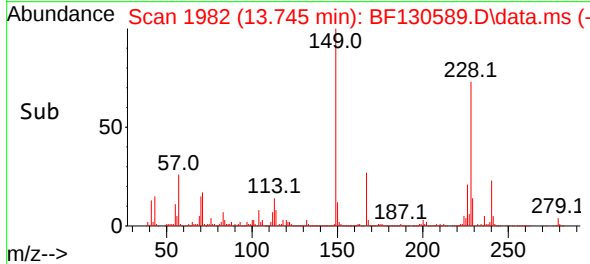
Instrument :
BNA_F
ClientSampleId :
SASP2-T-3-(0-5)



Tgt Ion:149 Resp: 22985
Ion Ratio Lower Upper
149 100
167 26.5 20.5 30.7
279 4.1 2.9 4.3

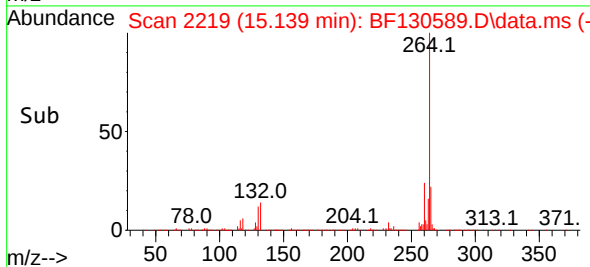
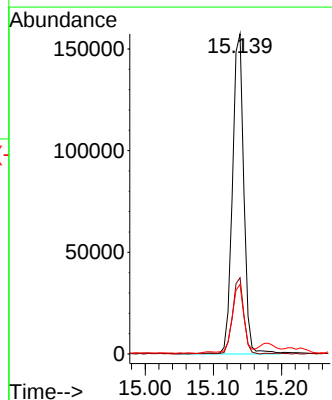
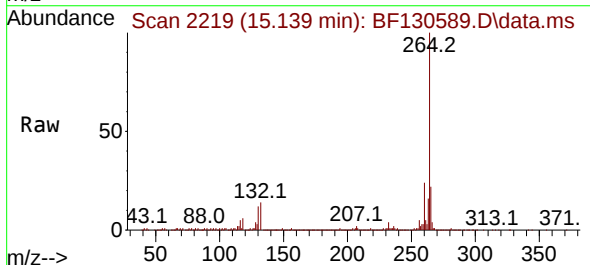
Manual Integrations
APPROVED

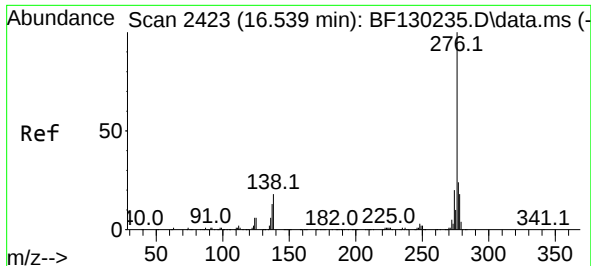
Reviewed By :Christian Giraldo 10/10/2022
Supervised By :Jagrut Upadhyay 10/10/2022



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.139 min Scan# 2219
Delta R.T. -0.006 min
Lab File: BF130589.D
Acq: 07 Oct 2022 23:03

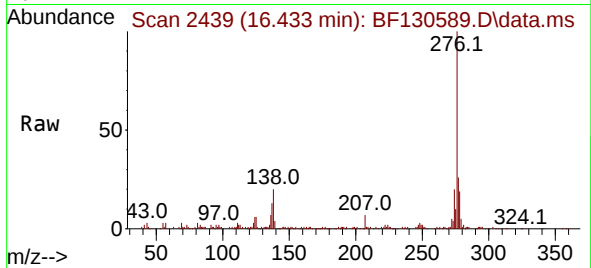
Tgt Ion:264 Resp: 182539
Ion Ratio Lower Upper
264 100
260 23.8 19.3 28.9
265 21.7 17.0 25.4





#87
Indeno(1,2,3-cd)pyrene
Concen: 6.458 ng m
RT: 16.433 min Scan# 2423
Delta R.T. -0.023 min
Lab File: BF130589.D
Acq: 07 Oct 2022 23:03

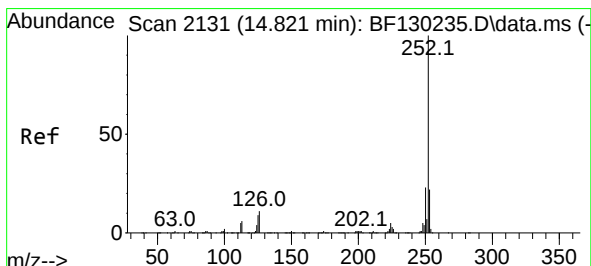
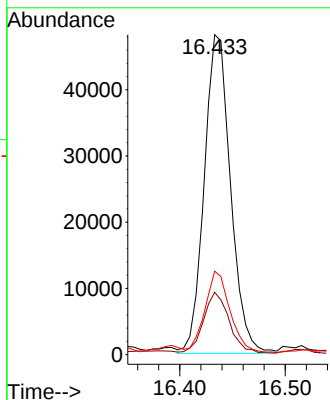
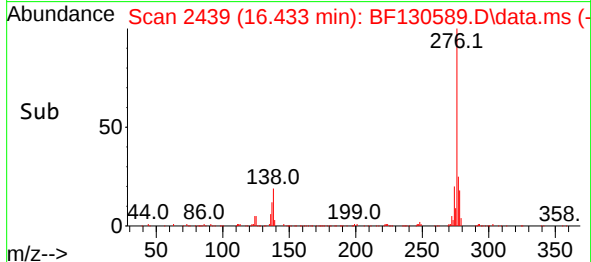
Instrument :
BNA_F
ClientSampleId :
SASP2-T-3-(0-5)



Tgt Ion: 276 Resp: 83602
Ion Ratio Lower Upper
276 100
138 3.9 18.5 27.7
277 5.1 20.2 30.4

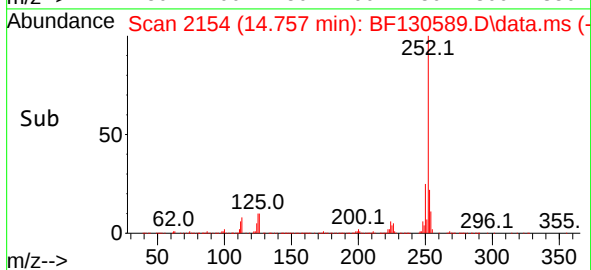
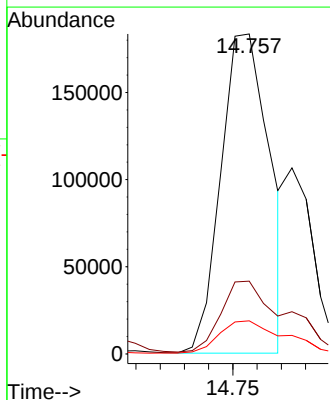
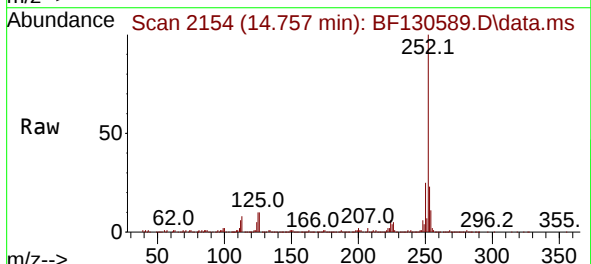
Manual Integrations
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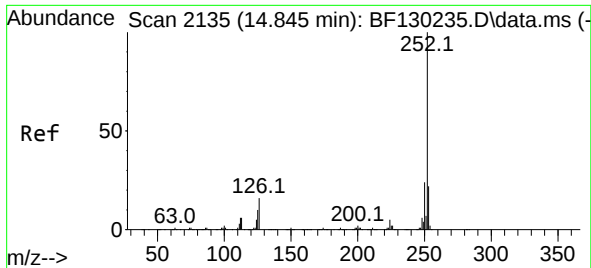
Reviewed By : Christian Giraldo 10/10/2022
Supervised By : Jagrut Upadhyay 10/10/2022



#88
Benzo(b)fluoranthene
Concen: 21.552 ng m
RT: 14.757 min Scan# 2154
Delta R.T. -0.006 min
Lab File: BF130589.D
Acq: 07 Oct 2022 23:03

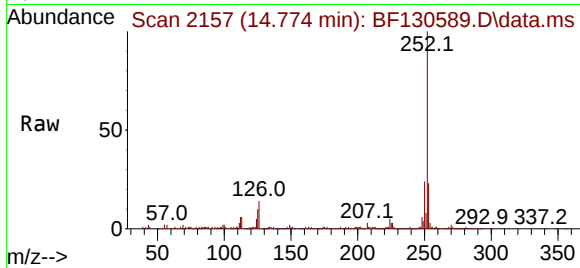
Tgt Ion: 252 Resp: 256770
Ion Ratio Lower Upper
252 100
253 22.8 17.7 26.5
125 10.4 8.1 12.1





#89
Benzo(k)fluoranthene
Concen: 7.093 ng m
RT: 14.774 min Scan# 2135
Delta R.T. -0.012 min
Lab File: BF130589.D
Acq: 07 Oct 2022 23:03

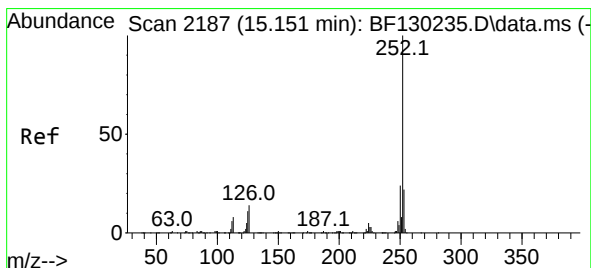
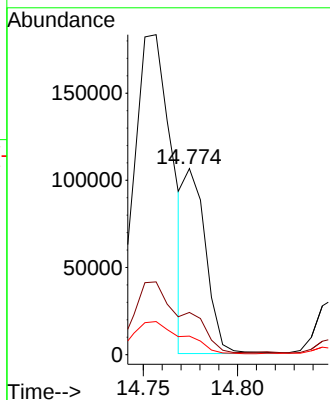
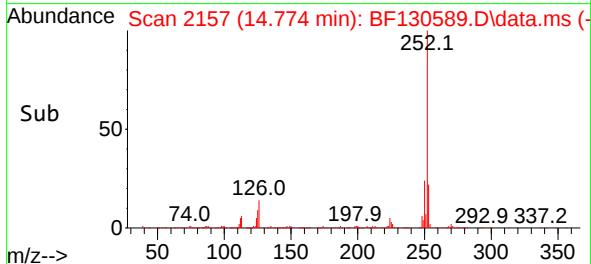
Instrument :
BNA_F
ClientSampleId :
SASP2-T-3-(0-5)



Tgt Ion:252 Resp: 83134
Ion Ratio Lower Upper
252 100
253 22.7 17.4 26.2
125 9.9 7.9 11.9

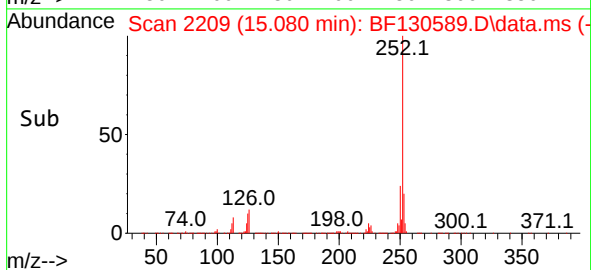
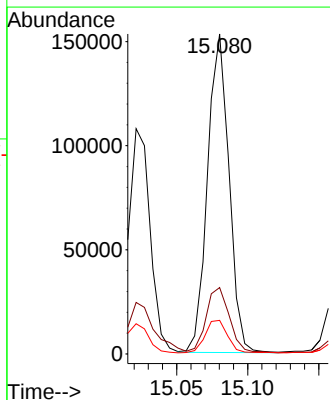
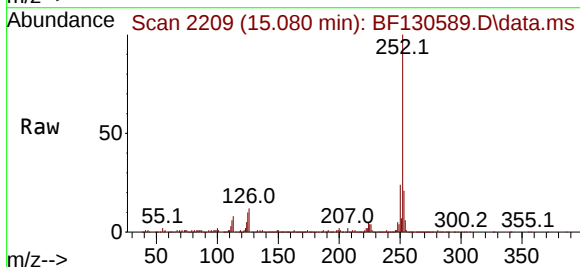
Manual Integrations
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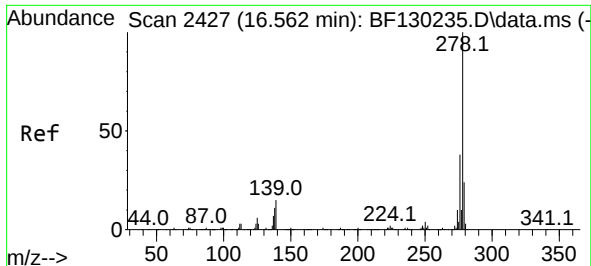
Reviewed By :Christian Giraldo 10/10/2022
Supervised By :Jagrut Upadhyay 10/10/2022



#90
Benzo(a)pyrene
Concen: 17.017 ng
RT: 15.080 min Scan# 2209
Delta R.T. -0.012 min
Lab File: BF130589.D
Acq: 07 Oct 2022 23:03

Tgt Ion:252 Resp: 160626
Ion Ratio Lower Upper
252 100
253 20.7 17.8 26.6
125 10.5 9.0 13.6





#91

Dibenzo(a,h)anthracene

Concen: 2.153 ng m

RT: 16.445 min Scan# 24

Delta R.T. -0.029 min

Lab File: BF130589.D

Acq: 07 Oct 2022 23:03

Instrument :

BNA_F

ClientSampleId :

SASP2-T-3-(0-5)

Tgt Ion: 278 Resp: 22864

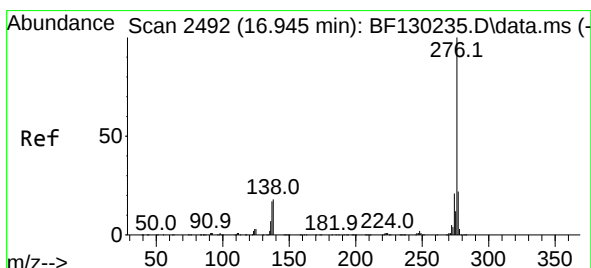
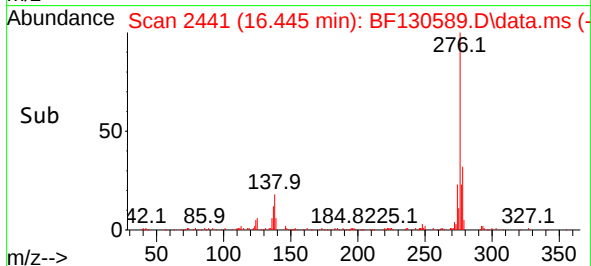
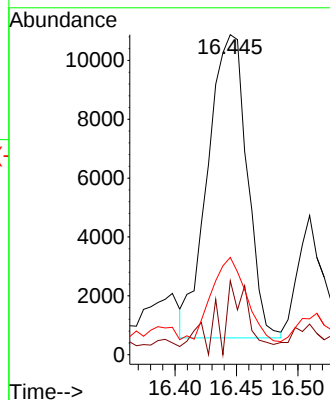
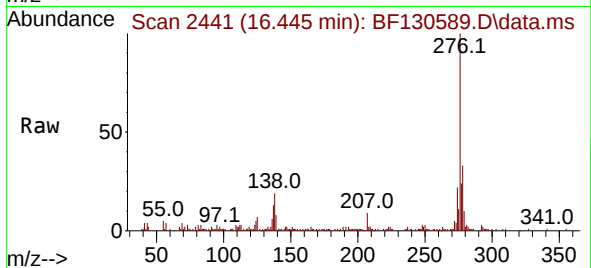
Ion	Ratio	Lower	Upper
278	100		
139	23.1	11.8	17.8
279	30.4	19.4	29.0

Manual Integrations

APPROVED

Reviewed By : Christian Giraldo 10/10/2022

Supervised By : Jagrut Upadhyay 10/10/2022



#92

Benzo(g,h,i)perylene

Concen: 6.772 ng

RT: 16.827 min Scan# 2506

Delta R.T. -0.023 min

Lab File: BF130589.D

Acq: 07 Oct 2022 23:03

Tgt Ion: 276 Resp: 72439

Ion	Ratio	Lower	Upper
276	100		
277	24.2	18.6	27.8
138	19.6	14.6	21.8

