

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090822\
 Data File : BF130190.D
 Acq On : 08 Sep 2022 21:32
 Operator : CG\JU
 Sample : N4534-06
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FL-F

Manual Integrations
 APPROVED

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

Quant Time: Sep 09 01:10:21 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF083122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 07 02:05:07 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.698	152	172102	20.000	ng	0.00
21) Naphthalene-d8	7.981	136	607805	20.000	ng	0.00
39) Acenaphthene-d10	9.728	164	225810	20.000	ng	0.00
64) Phenanthrene-d10	11.210	188	291499	20.000	ng	0.00
76) Chrysene-d12	13.904	240	171435	20.000	ng	# 0.06
86) Perylene-d12	15.316	264	164569	20.000	ng	# 0.08
System Monitoring Compounds						
5) 2-Fluorophenol	5.299	112	842699	83.126	ng	0.00
7) Phenol-d6	6.334	99	1290104	102.075	ng	0.00
23) Nitrobenzene-d5	7.263	82	857684	90.687	ng	0.00
42) 2,4,6-Tribromophenol	10.516	330	141113	68.651	ng	0.00
45) 2-Fluorobiphenyl	9.057	172	1296502	95.193	ng	0.00
79) Terphenyl-d14	12.833	244	847531	85.731	ng	0.04
Target Compounds						Qvalue
32) Benzoic acid	7.722	122	5681m	7.320	ng	
71) Phenanthrene	11.233	178	143716	9.091	ng	97
74) Di-n-butylphthalate	11.786	149	63469	3.673	ng	# 83
75) Fluoranthene	12.439	202	171503	10.940	ng	87
78) Pyrene	12.675	202	123022	8.000	ng	# 86
81) Benzo(a)anthracene	13.898	228	31434	2.676	ng	# 33
83) Chrysene	13.933	228	93289	8.054	ng	# 78
84) Bis(2-ethylhexyl)phtha...	13.892	149	545973	71.816	ng	# 88
88) Benzo(b)fluoranthene	14.916	252	70424m	6.417	ng	
92) Benzo(g,h,i)perylene	17.062	276	22556	2.538	ng	# 1

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

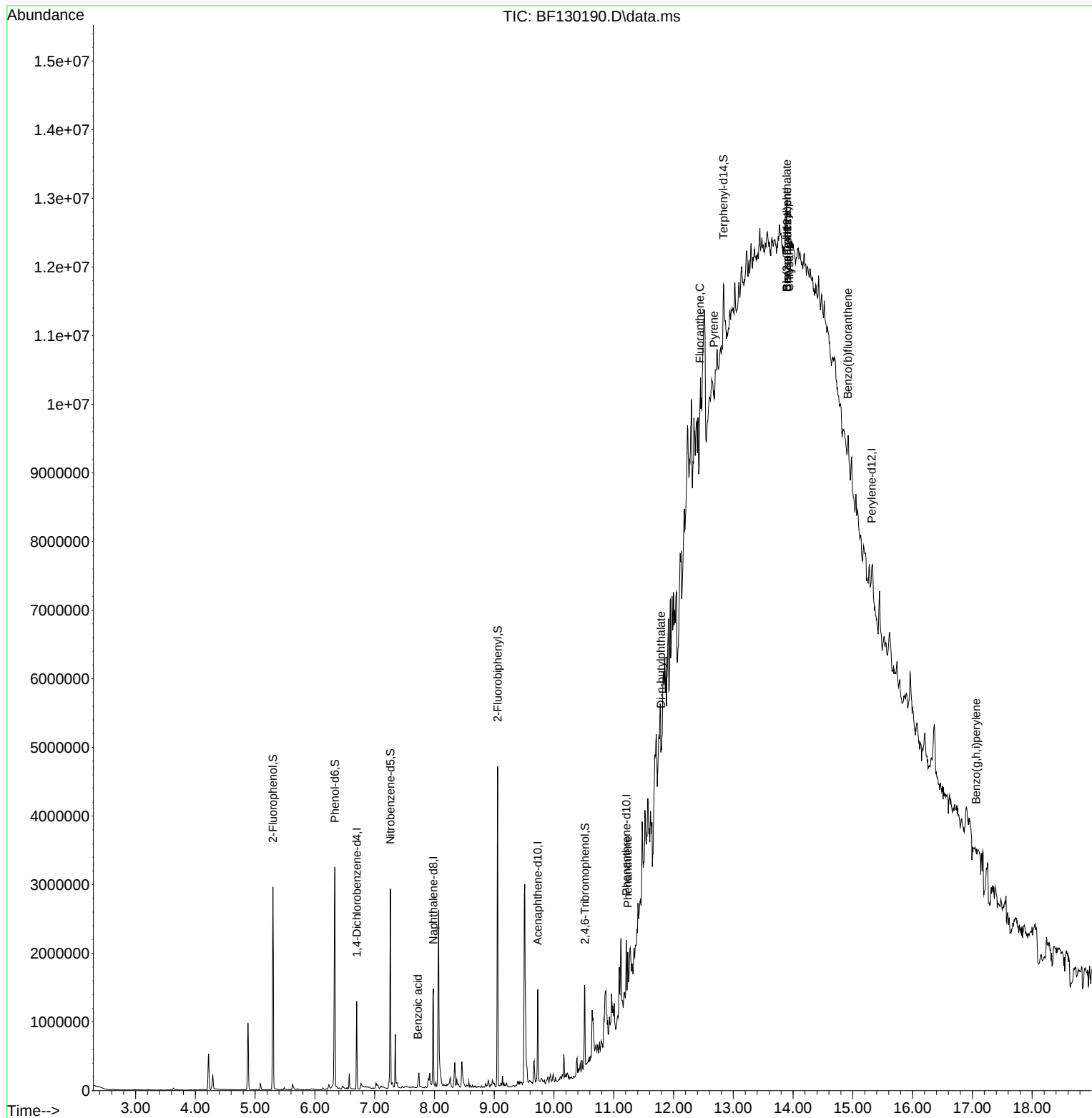
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090822\
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Quant Time: Sep 09 01:10:21 2022
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 07 02:05:07 2022
Response via : Initial Calibration

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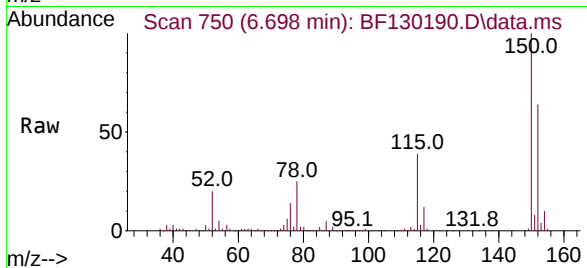
Reviewed By : Christian Giraldo 09/09/2022
Supervised By : Jagrut Upadhyay 09/09/2022





#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.698 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: BF130190.D
 Acq: 08 Sep 2022 21:32

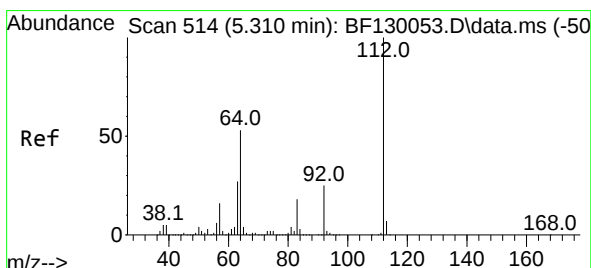
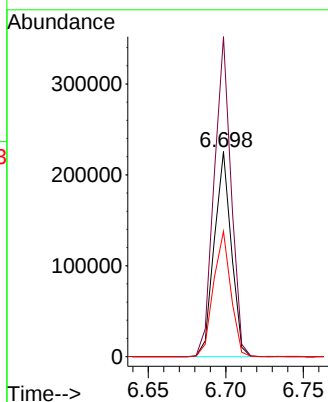
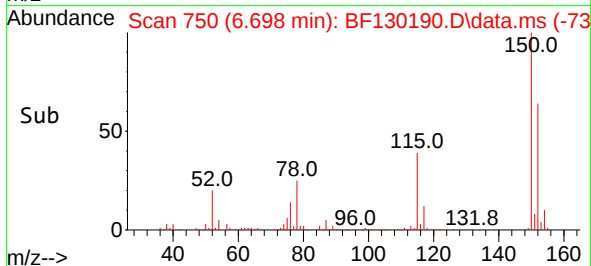
Instrument :
 BNA_F
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 FL-F



Tgt Ion:152 Resp: 172102
 Ion Ratio Lower Upper
 152 100
 150 156.0 126.9 190.3
 115 61.1 53.4 80.0

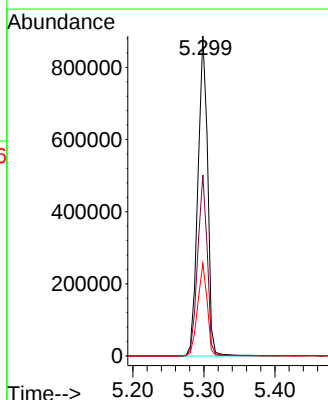
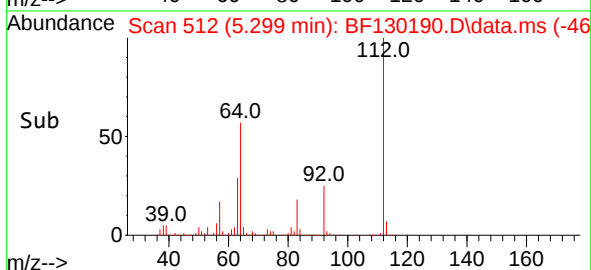
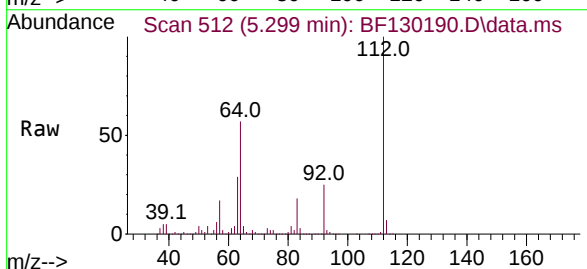
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#5
 2-Fluorophenol
 Concen: 83.126 ng
 RT: 5.299 min Scan# 512
 Delta R.T. 0.000 min
 Lab File: BF130190.D
 Acq: 08 Sep 2022 21:32

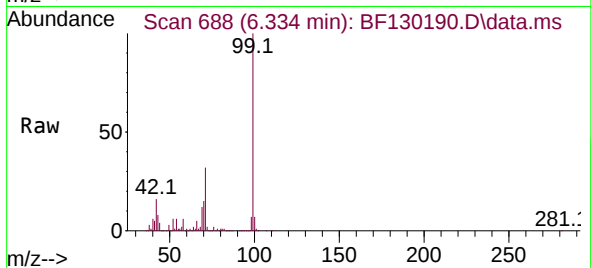
Tgt Ion:112 Resp: 842699
 Ion Ratio Lower Upper
 112 100
 64 56.5 47.6 71.4
 63 28.9 24.6 37.0





#7
Phenol-d6
Concen: 102.075 ng
RT: 6.334 min Scan# 688
Delta R.T. 0.000 min
Lab File: BF130190.D
Acq: 08 Sep 2022 21:32

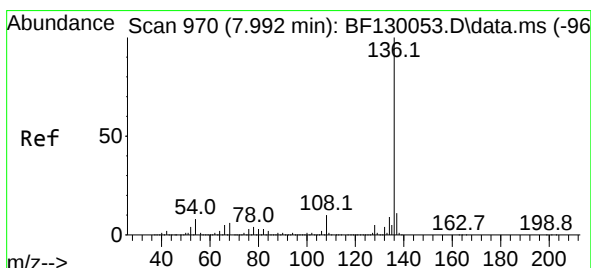
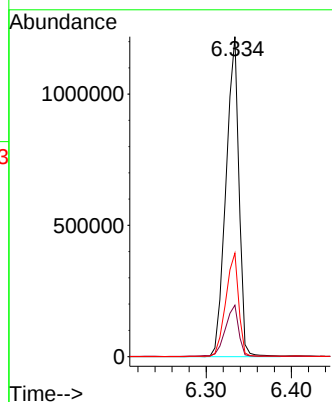
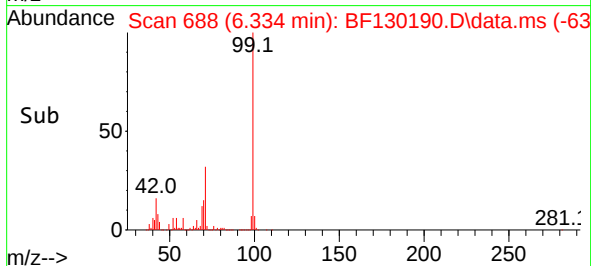
Instrument :
BNA_F
ClientSampleId :
FL-F



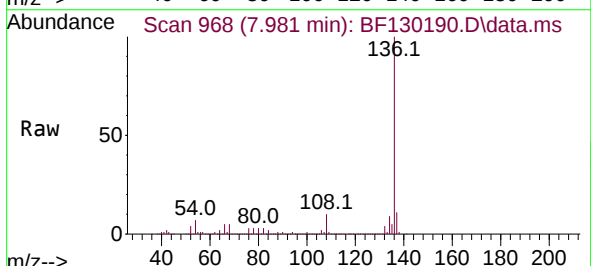
Tgt Ion: 99 Resp: 1290104
Ion Ratio Lower Upper
99 100
42 16.1 15.0 22.4
71 32.3 28.8 43.2

Manual Integrations
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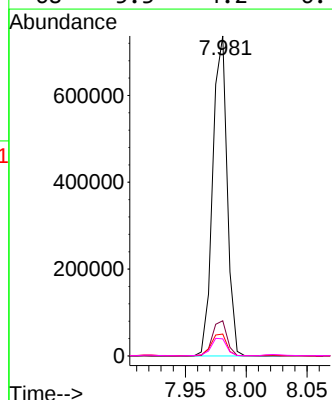
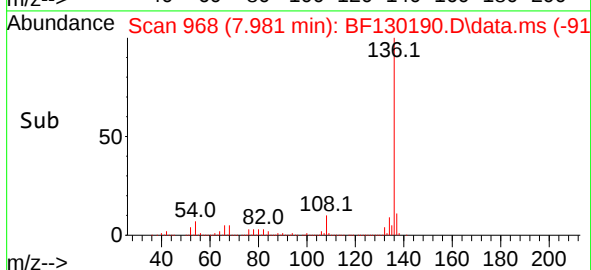
Reviewed By :Christian Giraldo 09/09/2022
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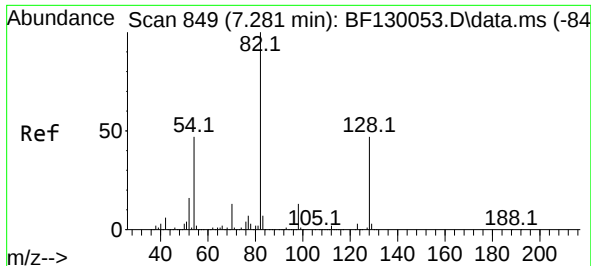


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.981 min Scan# 968
Delta R.T. 0.000 min
Lab File: BF130190.D
Acq: 08 Sep 2022 21:32



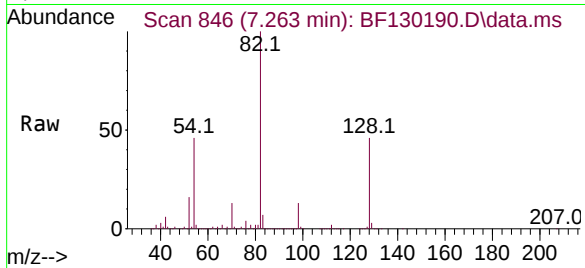
Tgt Ion:136 Resp: 607805
Ion Ratio Lower Upper
136 100
137 11.0 8.4 12.6
54 6.8 6.2 9.2
68 5.3 4.2 6.4





#23
Nitrobenzene-d5
Concen: 90.687 ng
RT: 7.263 min Scan# 84
Delta R.T. -0.006 min
Lab File: BF130190.D
Acq: 08 Sep 2022 21:32

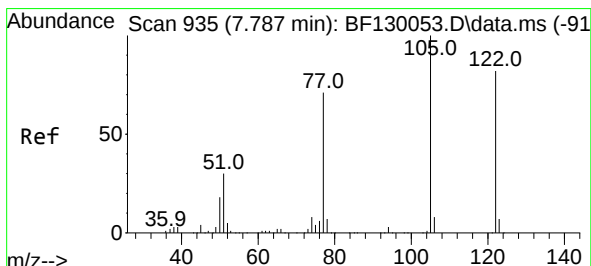
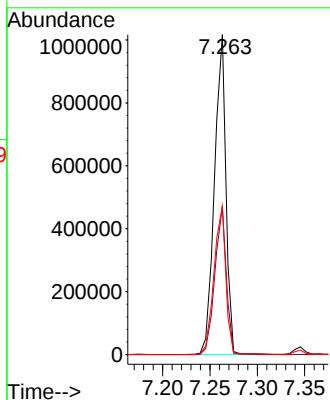
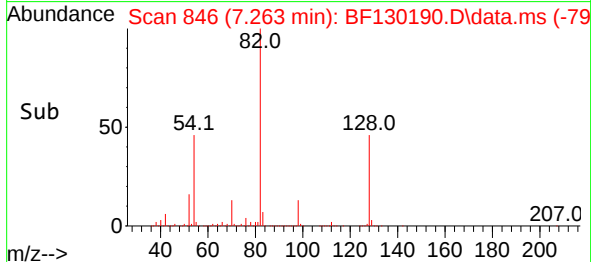
Instrument :
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ClientSampleId :
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Tgt Ion: 82 Resp: 857684
Ion Ratio Lower Upper
82 100
128 46.3 36.1 54.1
54 46.4 40.0 60.0

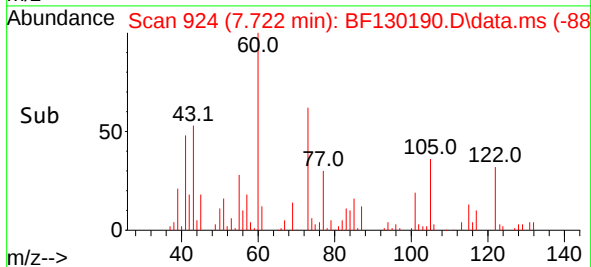
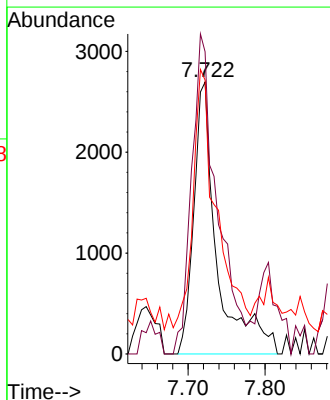
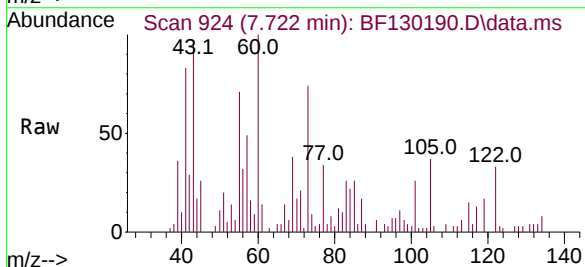
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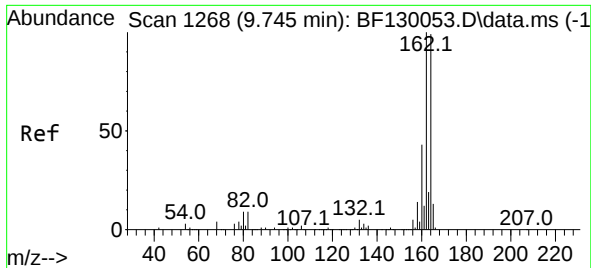
Reviewed By :Christian Giraldo 09/09/2022
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#32
Benzoic acid
Concen: 7.320 ng m
RT: 7.722 min Scan# 924
Delta R.T. -0.047 min
Lab File: BF130190.D
Acq: 08 Sep 2022 21:32

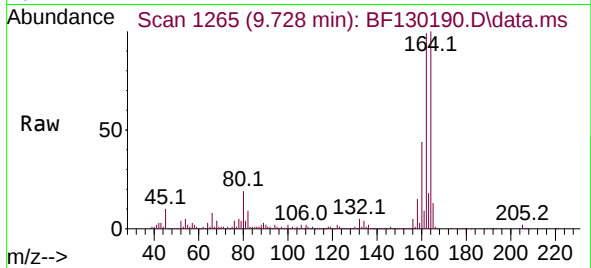
Tgt Ion:122 Resp: 5681
Ion Ratio Lower Upper
122 100
105 111.2 99.9 139.9
77 100.8 65.9 105.9





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.728 min Scan# 1398
Delta R.T. -0.006 min
Lab File: BF130190.D
Acq: 08 Sep 2022 21:32

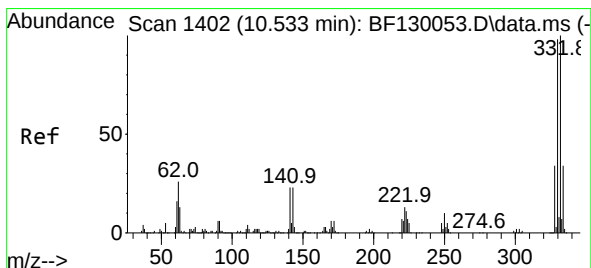
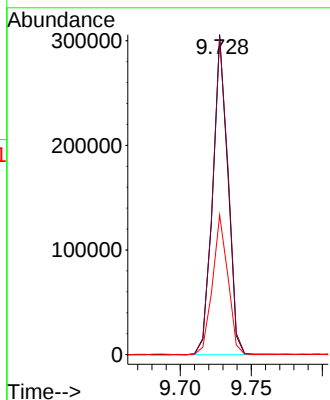
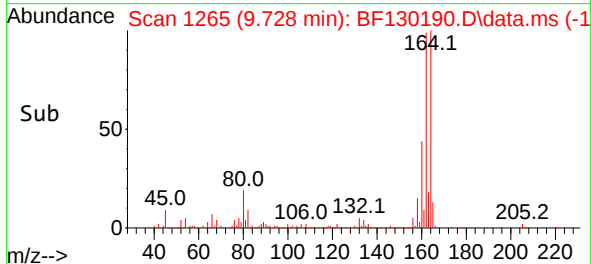
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BNA_F
ClientSampleId :
FL-F



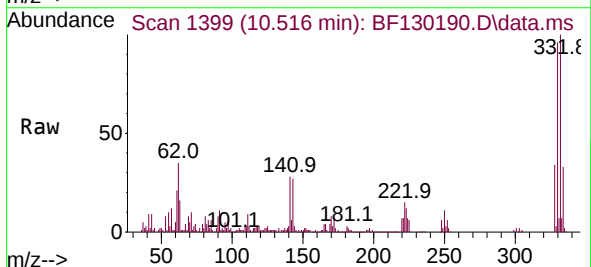
Tgt Ion:164 Resp: 225810
Ion Ratio Lower Upper
164 100
162 99.3 82.0 123.0
160 43.6 35.4 53.0

Manual Integrations
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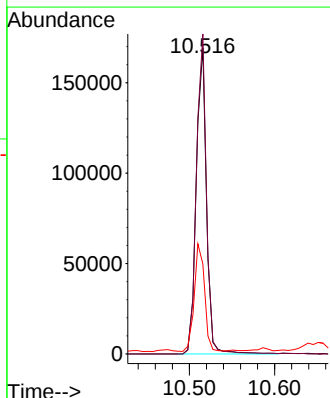
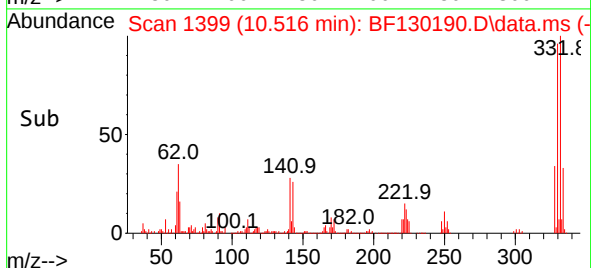
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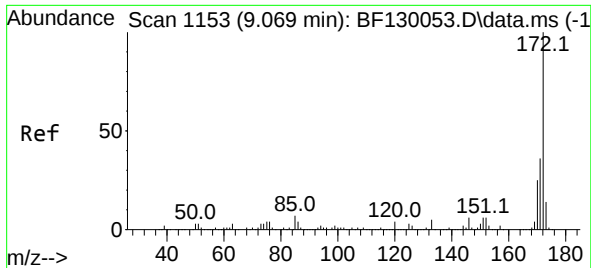


#42
2,4,6-Tribromophenol
Concen: 68.651 ng
RT: 10.516 min Scan# 1399
Delta R.T. -0.006 min
Lab File: BF130190.D
Acq: 08 Sep 2022 21:32



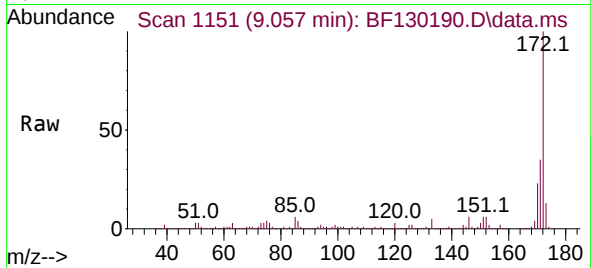
Tgt Ion:330 Resp: 141113
Ion Ratio Lower Upper
330 100
332 102.8 82.6 124.0
141 35.3 27.6 41.4





#45
2-Fluorobiphenyl
Concen: 95.193 ng
RT: 9.057 min Scan# 1151
Delta R.T. 0.000 min
Lab File: BF130190.D
Acq: 08 Sep 2022 21:32

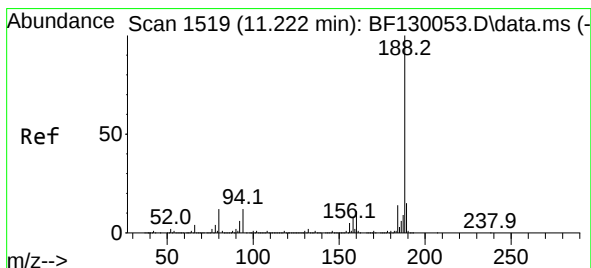
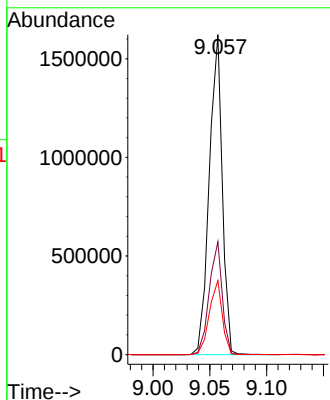
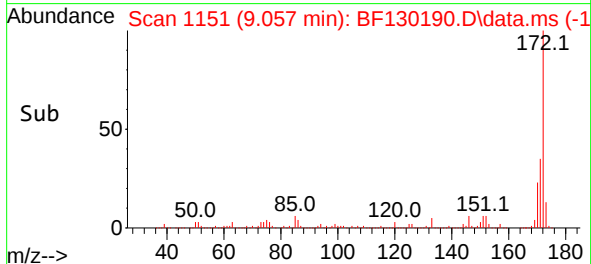
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BNA_F
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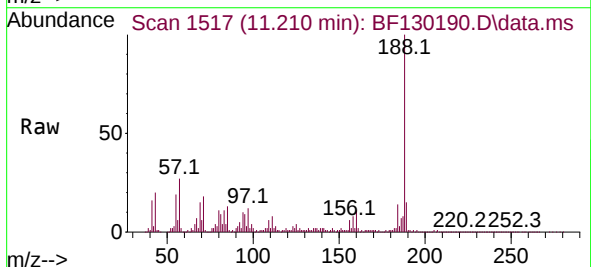
Tgt Ion:172 Resp: 1296502
Ion Ratio Lower Upper
172 100
171 35.3 28.4 42.6
170 23.1 19.1 28.7

Manual Integrations
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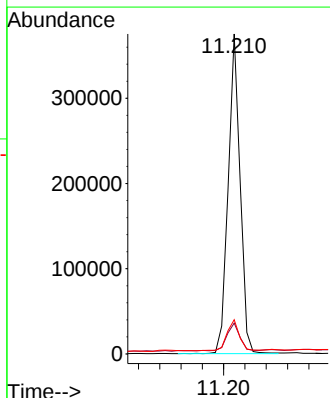
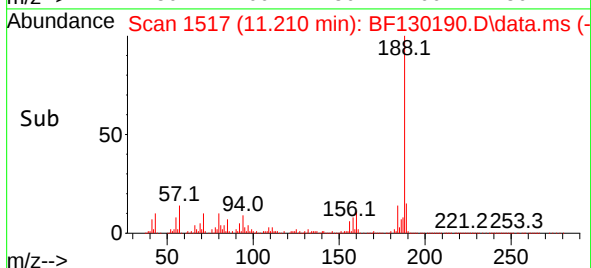
Reviewed By :Christian Giraldo 09/09/2022
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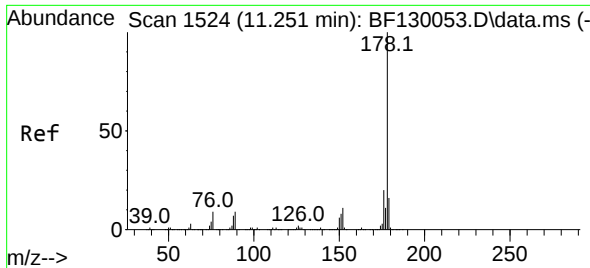


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.210 min Scan# 1517
Delta R.T. 0.000 min
Lab File: BF130190.D
Acq: 08 Sep 2022 21:32



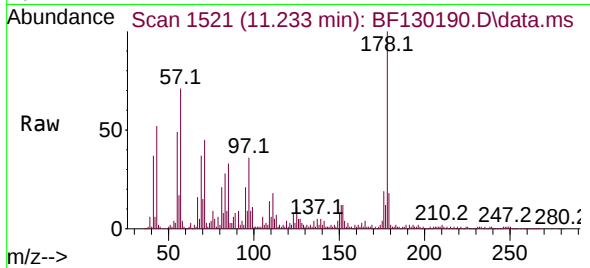
Tgt Ion:188 Resp: 291499
Ion Ratio Lower Upper
188 100
94 9.6 7.4 11.2
80 10.7 7.9 11.9





#71
Phenanthrene
Concen: 9.091 ng
RT: 11.233 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF130190.D
Acq: 08 Sep 2022 21:32

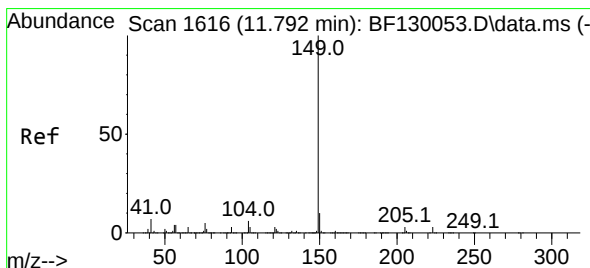
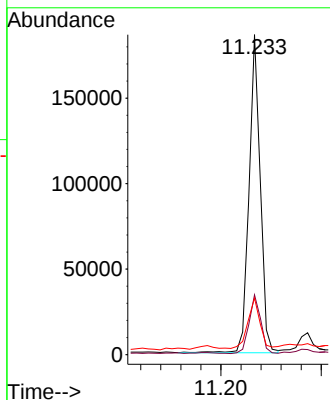
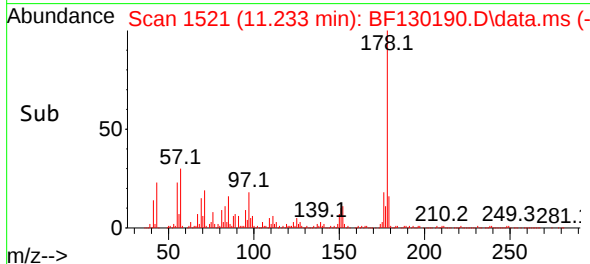
Instrument :
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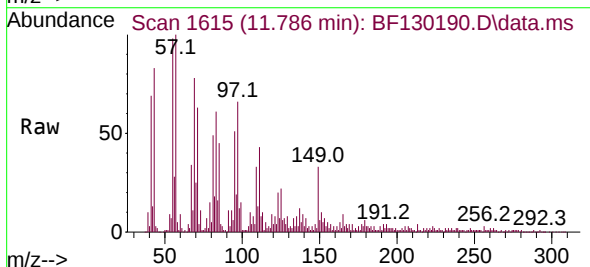
Tgt Ion:178 Resp: 143716
Ion Ratio Lower Upper
178 100
176 18.7 15.5 23.3
179 17.7 12.5 18.7

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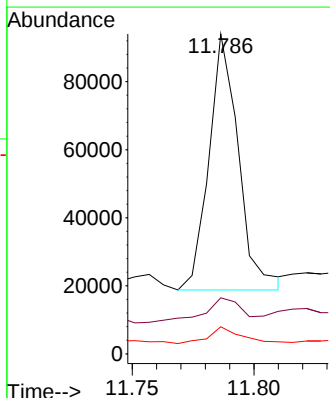
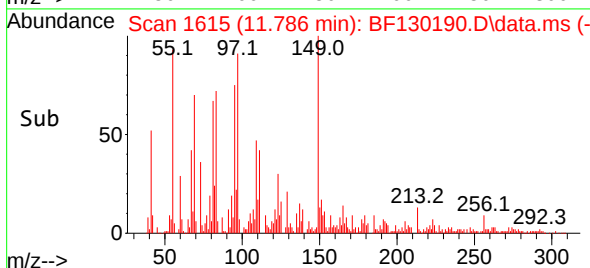
Reviewed By :Christian Giraldo 09/09/2022
Supervised By :Jagrut Upadhyay 09/09/2022

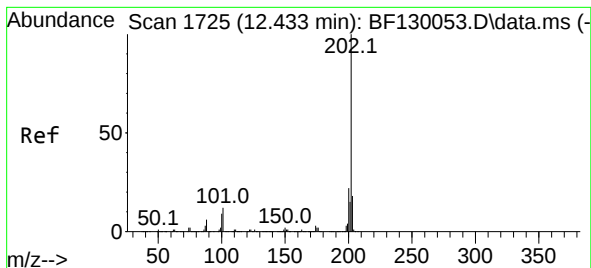


#74
Di-n-butylphthalate
Concen: 3.673 ng
RT: 11.786 min Scan# 1615
Delta R.T. 0.006 min
Lab File: BF130190.D
Acq: 08 Sep 2022 21:32



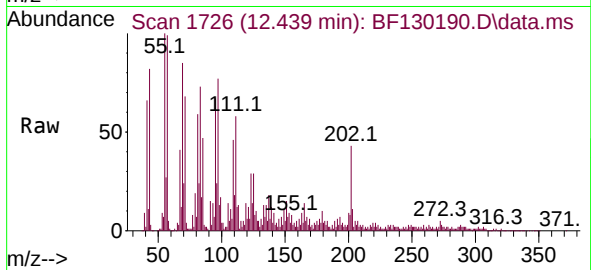
Tgt Ion:149 Resp: 63469
Ion Ratio Lower Upper
149 100
150 17.5 7.8 11.6#
104 8.5 4.2 6.4#





#75
Fluoranthene
Concen: 10.940 ng
RT: 12.439 min Scan# 1725
Delta R.T. 0.018 min
Lab File: BF130190.D
Acq: 08 Sep 2022 21:32

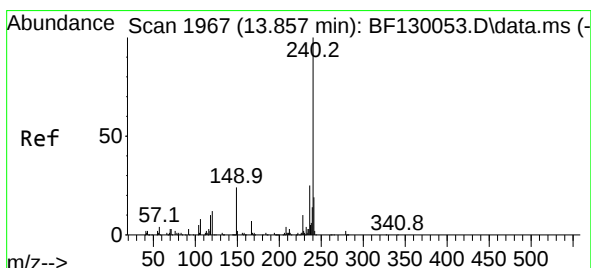
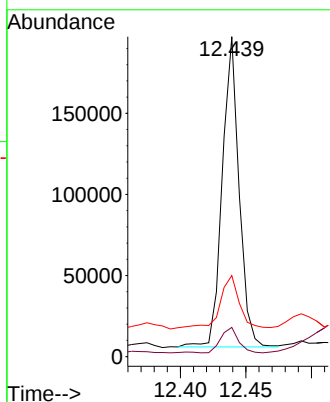
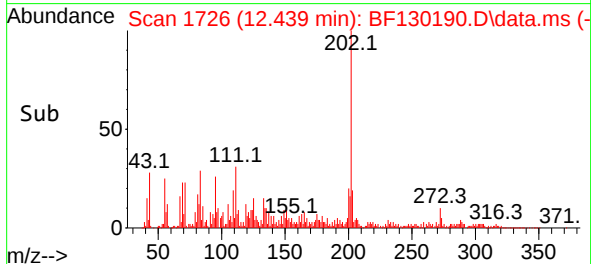
Instrument :
BNA_F
ClientSampleId :
FL-F



Tgt Ion:202 Resp: 171503
Ion Ratio Lower Upper
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101 9.1 0.0 30.7
203 25.3 0.0 37.5

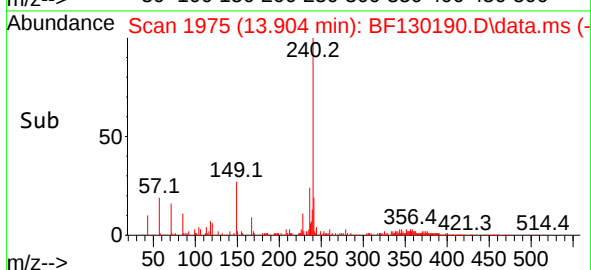
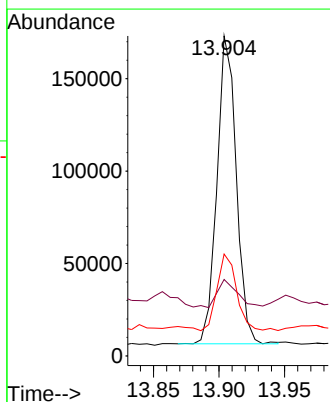
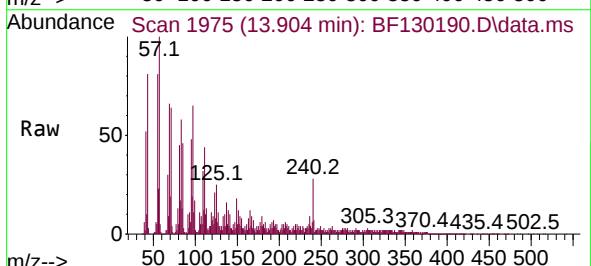
Manual Integrations
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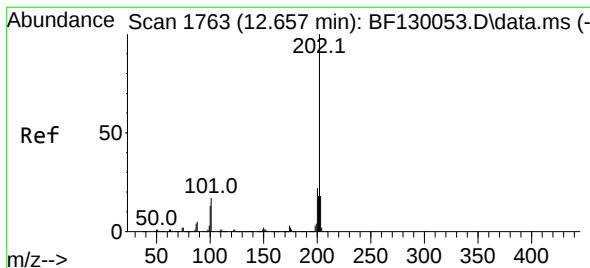
Reviewed By :Christian Giraldo 09/09/2022
Supervised By :Jagrut Upadhyay 09/09/2022



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.904 min Scan# 1975
Delta R.T. 0.059 min
Lab File: BF130190.D
Acq: 08 Sep 2022 21:32

Tgt Ion:240 Resp: 171435
Ion Ratio Lower Upper
240 100
120 23.9 9.2 13.8#
236 31.8 20.7 31.1#





#78

Pyrene

Concen: 8.000 ng

RT: 12.675 min Scan# 1766

Delta R.T. 0.024 min

Lab File: BF130190.D

Acq: 08 Sep 2022 21:32

Instrument :

BNA_F

ClientSampleId :

FL-F

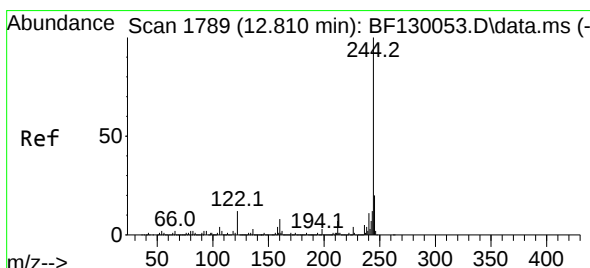
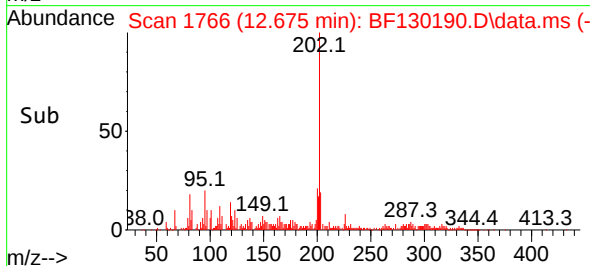
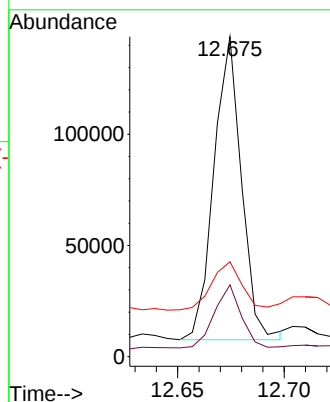
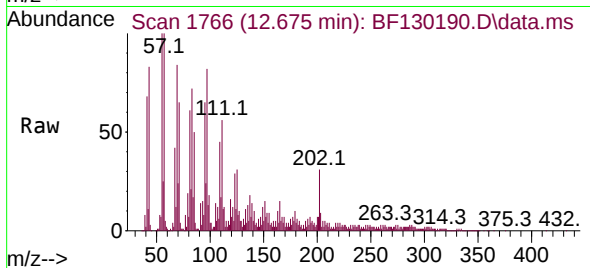
Tgt Ion:	202	Resp:	123022
Ion Ratio	Lower	Upper	
202	100		
200	22.5	17.0	25.6
203	29.6	14.1	21.1

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 09/09/2022

Supervised By :Jagrut Upadhyay 09/09/2022



#79

Terphenyl-d14

Concen: 85.731 ng

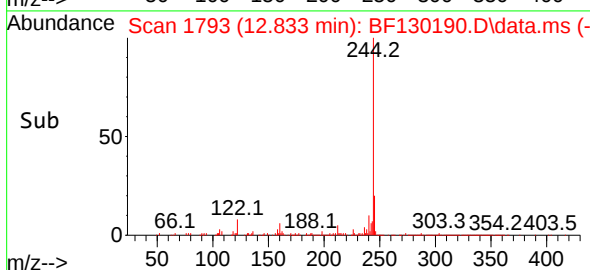
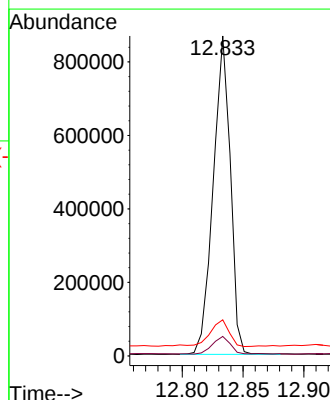
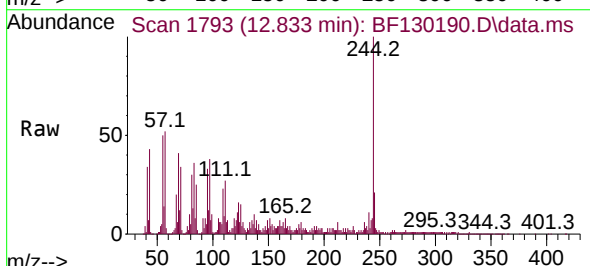
RT: 12.833 min Scan# 1793

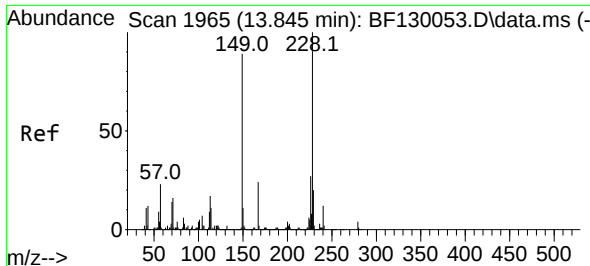
Delta R.T. 0.035 min

Lab File: BF130190.D

Acq: 08 Sep 2022 21:32

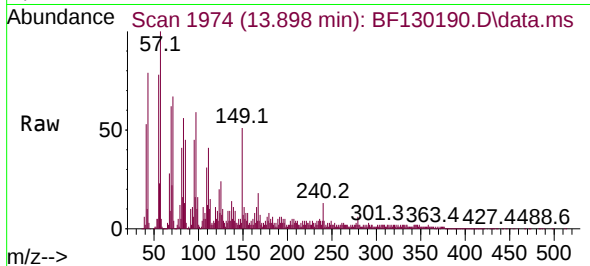
Tgt Ion:	244	Resp:	847531
Ion Ratio	Lower	Upper	
244	100		
212	6.1	5.9	8.9
122	11.3	9.9	14.9





#81
Benzo(a)anthracene
Concen: 2.676 ng
RT: 13.898 min Scan# 1974
Delta R.T. 0.065 min
Lab File: BF130190.D
Acq: 08 Sep 2022 21:32

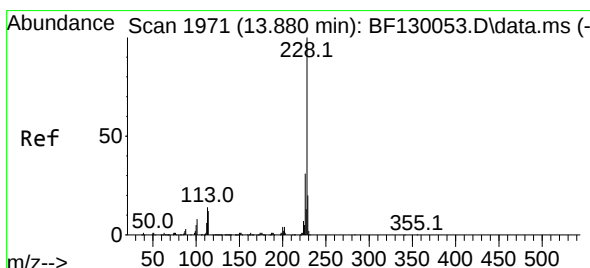
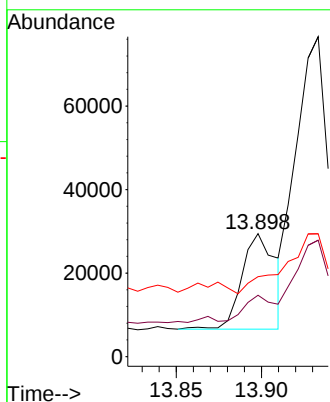
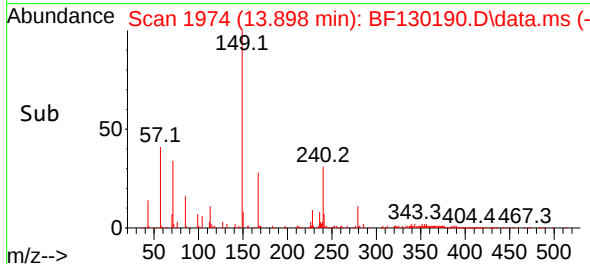
Instrument :
BNA_F
ClientSampleId :
FL-F



Tgt Ion:228 Resp: 31434
Ion Ratio Lower Upper
228 100
226 49.9 21.4 32.0
229 64.9 16.1 24.1

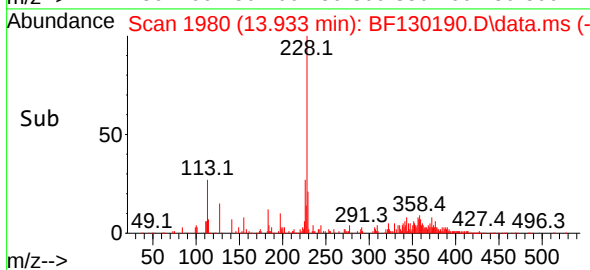
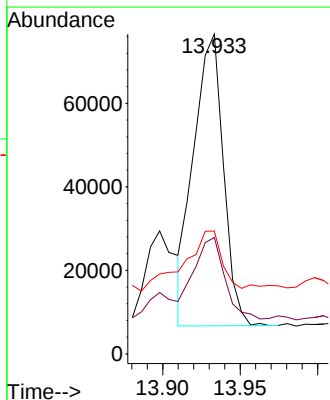
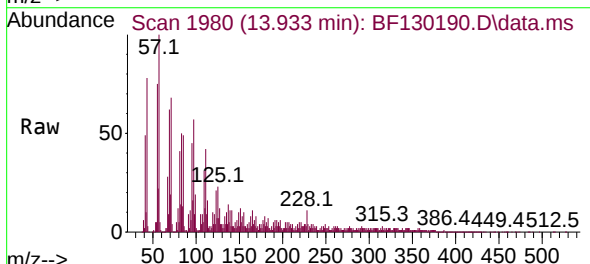
Manual Integrations
APPROVED

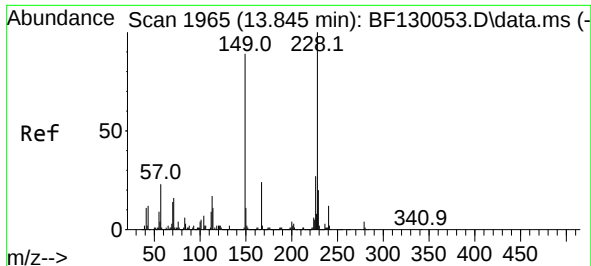
Reviewed By :Christian Giraldo 09/09/2022
Supervised By :Jagrut Upadhyay 09/09/2022



#83
Chrysene
Concen: 8.054 ng
RT: 13.933 min Scan# 1980
Delta R.T. 0.065 min
Lab File: BF130190.D
Acq: 08 Sep 2022 21:32

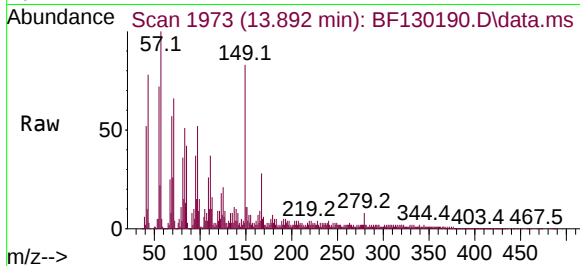
Tgt Ion:228 Resp: 93289
Ion Ratio Lower Upper
228 100
226 36.4 24.4 36.6
229 38.4 15.9 23.9





#84
Bis(2-ethylhexyl)phthalate
Concen: 71.816 ng
RT: 13.892 min Scan# 1965
Delta R.T. 0.059 min
Lab File: BF130190.D
Acq: 08 Sep 2022 21:32

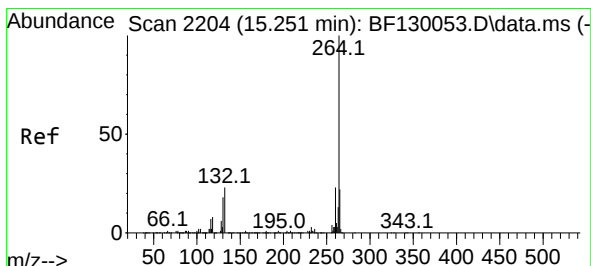
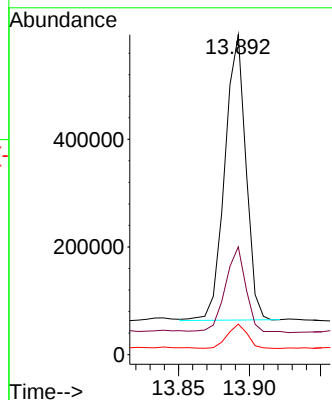
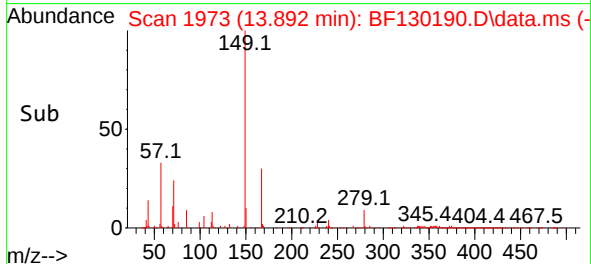
Instrument :
BNA_F
ClientSampleId :
FL-F



Tgt Ion:149 Resp: 545973
Ion Ratio Lower Upper
149 100
167 33.7 22.0 33.0
279 9.5 3.6 5.4

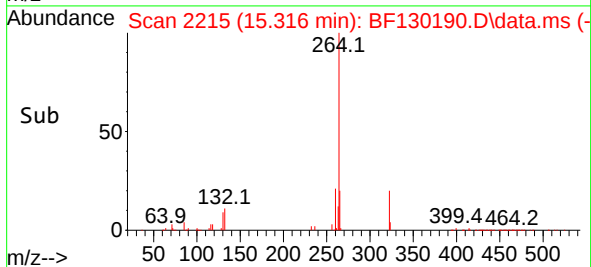
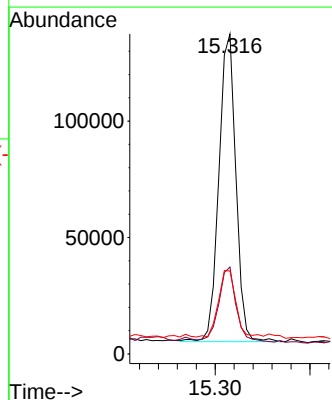
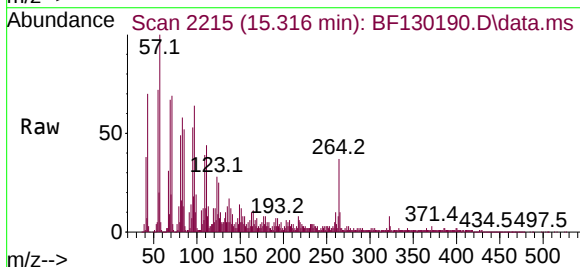
Manual Integrations
APPROVED

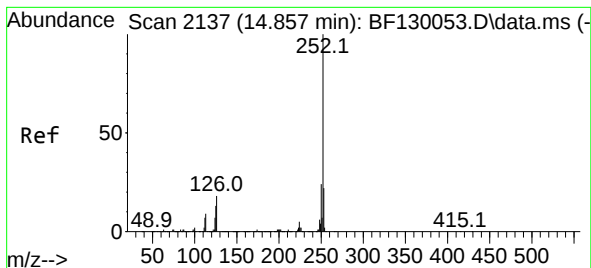
Reviewed By :Christian Giraldo 09/09/2022
Supervised By :Jagrut Upadhyay 09/09/2022



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.316 min Scan# 2215
Delta R.T. 0.077 min
Lab File: BF130190.D
Acq: 08 Sep 2022 21:32

Tgt Ion:264 Resp: 164569
Ion Ratio Lower Upper
264 100
260 27.1 19.1 28.7
265 25.9 16.7 25.1





#88

Benzo(b)fluoranthene

Concen: 6.417 ng m

RT: 14.916 min Scan# 2147

Delta R.T. 0.071 min

Lab File: BF130190.D

Acq: 08 Sep 2022 21:32

Instrument :

BNF

ClientSampleId :

FL-F

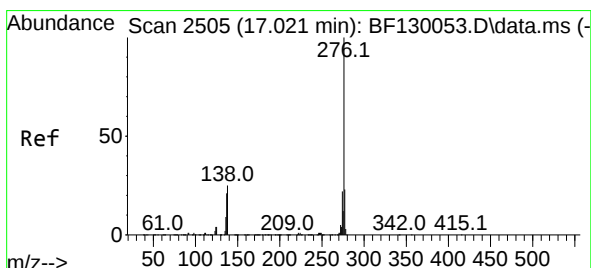
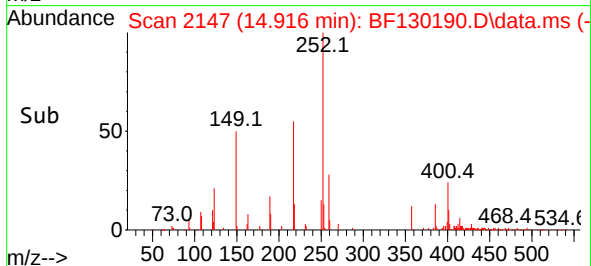
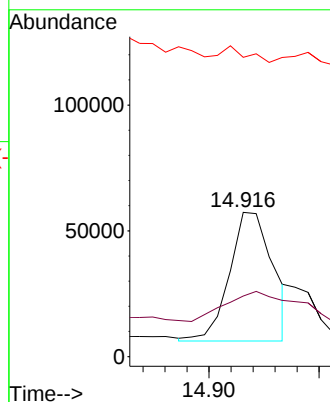
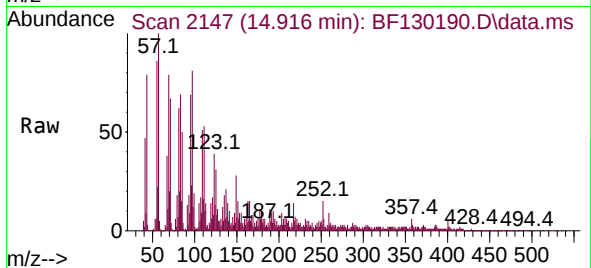
Tgt Ion:	252	Resp:	70424
Ion Ratio	Lower	Upper	
252	100		
253	42.0	17.5	26.3
125	207.3	8.3	12.5

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 09/09/2022

Supervised By :Jagrut Upadhyay 09/09/2022



#92

Benzo(g,h,i)perylene

Concen: 2.538 ng

RT: 17.062 min Scan# 2512

Delta R.T. 0.065 min

Lab File: BF130190.D

Acq: 08 Sep 2022 21:32

Tgt Ion:	276	Resp:	22556
Ion Ratio	Lower	Upper	
276	100		
277	50.6	18.2	27.4
138	100.2	15.8	23.8

