

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111022\
 Data File : BF131134.D
 Acq On : 10 Nov 2022 21:10
 Operator : CG\JU
 Sample : N5520-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 124035

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 11/11/2022
 Supervised By : Jagrut Upadhyay 11/11/2022

Quant Time: Nov 11 00:51:25 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 10 04:15:17 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	68122	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	264098	20.000	ng	-0.01
39) Acenaphthene-d10	9.933	164	132743	20.000	ng	0.00
64) Phenanthrene-d10	11.422	188	194681	20.000	ng	0.00
76) Chrysene-d12	14.074	240	149096	20.000	ng	0.00
86) Perylene-d12	15.568	264	153083	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	410470	102.471	ng	0.00
7) Phenol-d6	6.516	99	513290	98.013	ng	0.00
23) Nitrobenzene-d5	7.451	82	352519	60.225	ng	-0.01
42) 2,4,6-Tribromophenol	10.722	330	112176	81.769	ng	-0.01
45) 2-Fluorobiphenyl	9.245	172	475593	50.015	ng	-0.01
79) Terphenyl-d14	13.010	244	322302	37.902	ng	0.00
Target Compounds						
						Qvalue
70) Pentachlorophenol	11.227	266	6397m	10.289	ng	
71) Phenanthrene	11.445	178	31903	2.980	ng	99
75) Fluoranthene	12.639	202	38713	3.612	ng	97
78) Pyrene	12.868	202	37412	2.925	ng	99
81) Benzo(a)anthracene	14.063	228	24258	2.276	ng	98
83) Chrysene	14.098	228	21926	2.179	ng	97
87) Indeno(1,2,3-cd)pyrene	17.080	276	9829	4.586	ng	97
88) Benzo(b)fluoranthene	15.127	252	30690m	2.836	ng	
90) Benzo(a)pyrene	15.504	252	19944	2.298	ng	# 95
91) Dibenzo(a,h)anthracene	17.074	278	3227m	4.132	ng	
92) Benzo(g,h,i)perylene	17.533	276	9039	5.129	ng	# 90

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

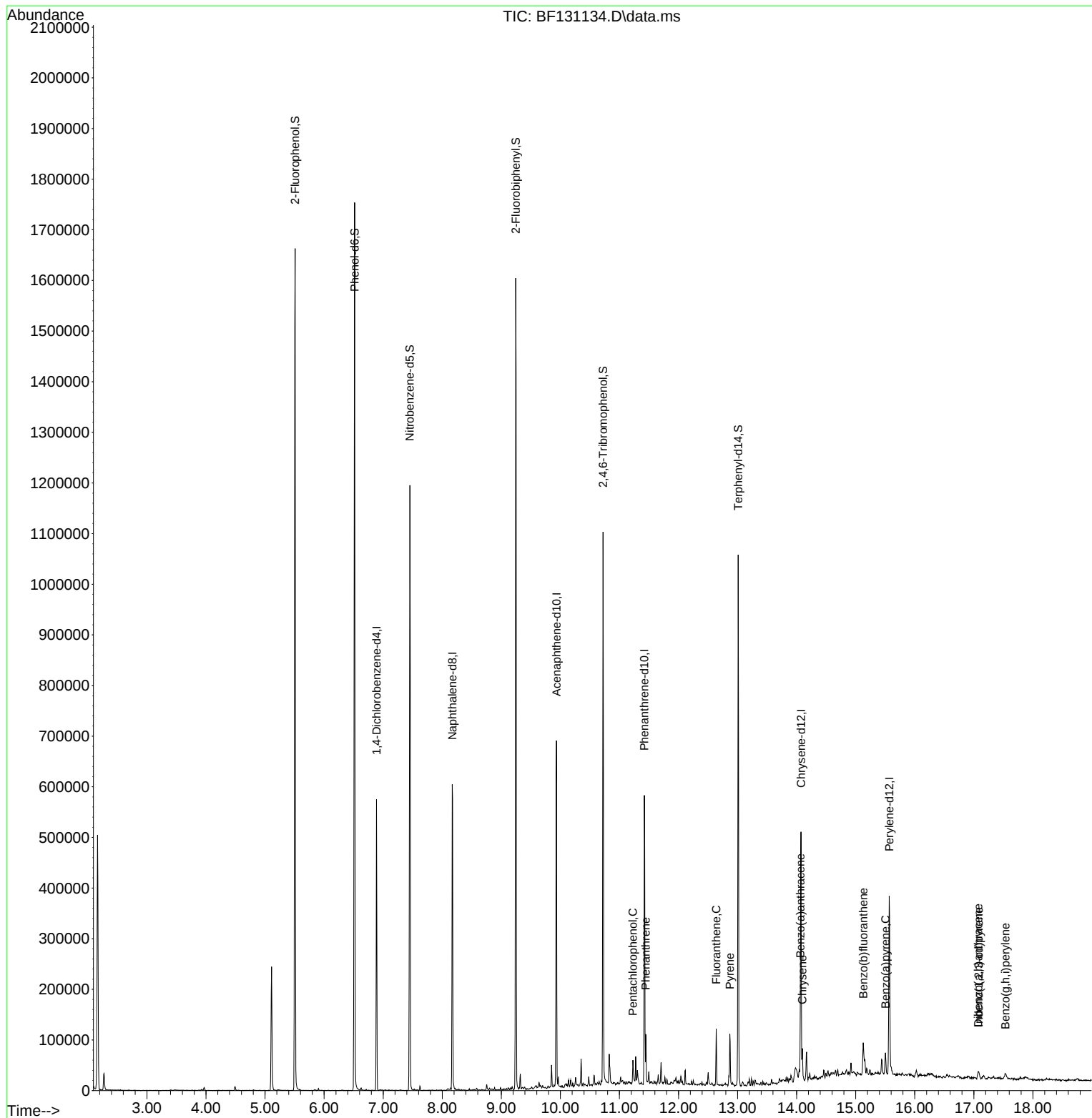
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111022\
Data File : BF131134.D
Acq On : 10 Nov 2022 21:10
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Sample : N5520-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

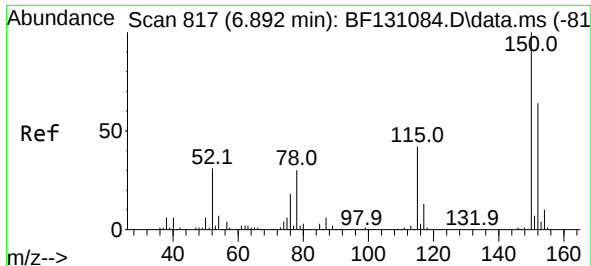
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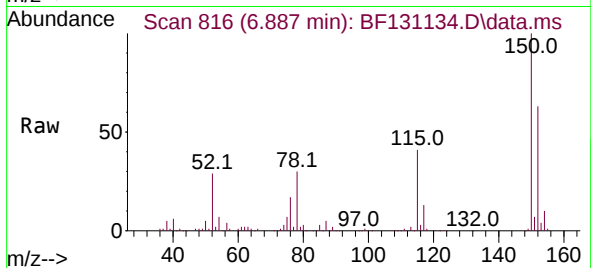
Quant Time: Nov 11 00:51:25 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 10 04:15:17 2022
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.887 min Scan# 817
Delta R.T. -0.005 min
Lab File: BF131134.D
Acq: 10 Nov 2022 21:10

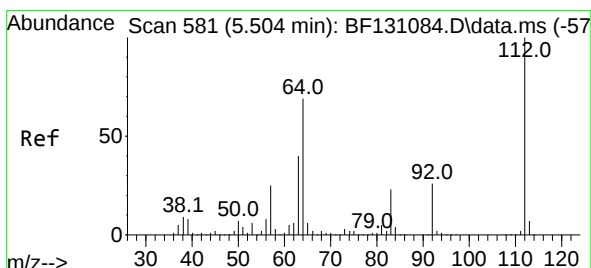
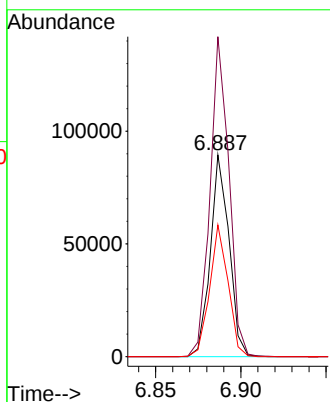
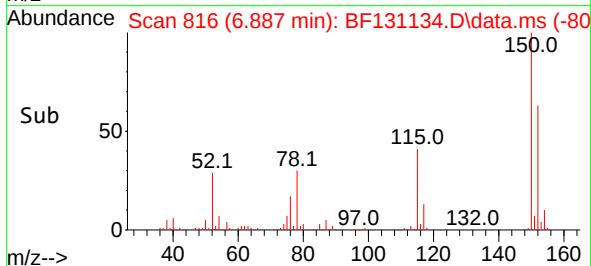
Instrument :
BNA_F
ClientSampleId :
124035



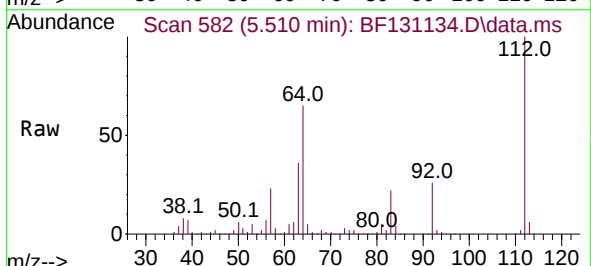
Tgt Ion:152 Resp: 68122
Ion Ratio Lower Upper
152 100
150 158.7 125.5 188.3
115 65.3 52.2 78.2

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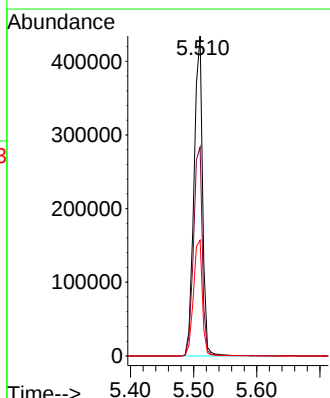
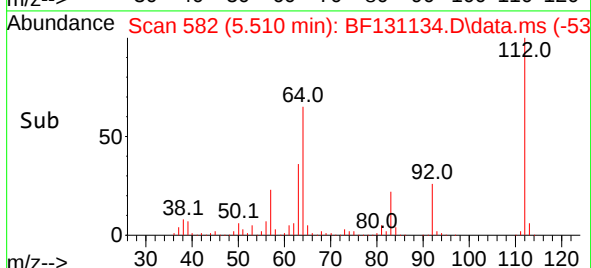
Reviewed By :Christian Giraldo 11/11/2022
Supervised By :Jagrut Upadhyay 11/11/2022

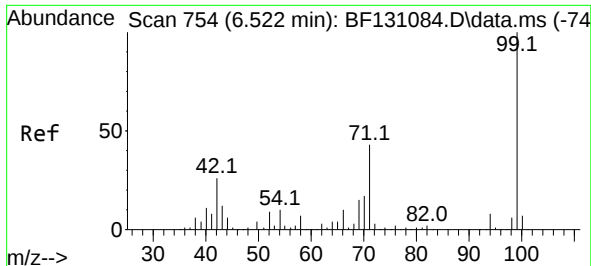


#5
2-Fluorophenol
Concen: 102.471 ng
RT: 5.510 min Scan# 582
Delta R.T. 0.006 min
Lab File: BF131134.D
Acq: 10 Nov 2022 21:10



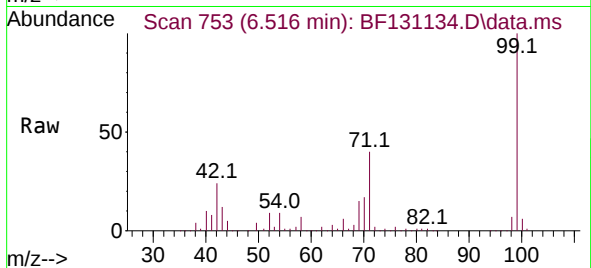
Tgt Ion:112 Resp: 410470
Ion Ratio Lower Upper
112 100
64 65.2 55.1 82.7
63 36.2 32.4 48.6





#7
Phenol-d6
Concen: 98.013 ng
RT: 6.516 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF131134.D
Acq: 10 Nov 2022 21:10

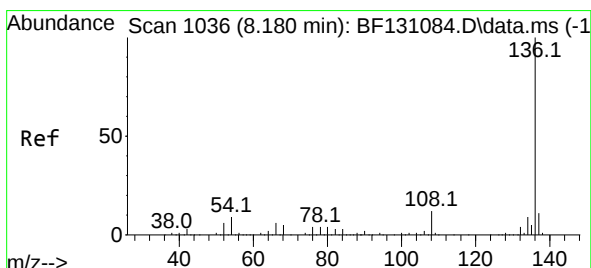
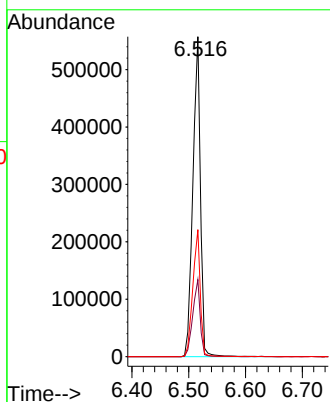
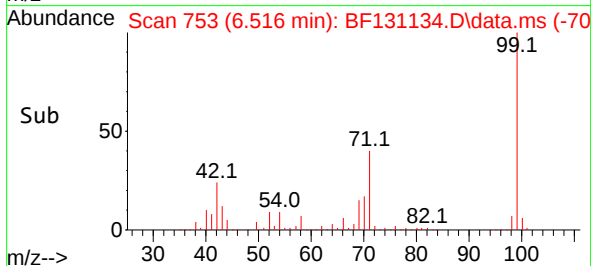
Instrument :
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124035



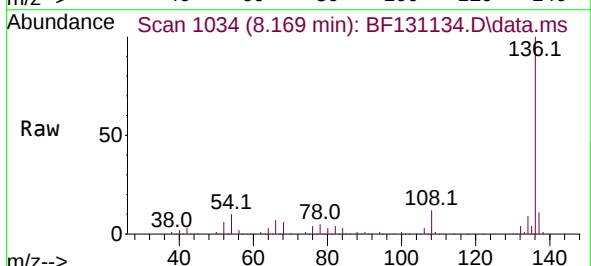
Tgt Ion: 99 Resp: 513290
Ion Ratio Lower Upper
99 100
42 24.1 20.8 31.2
71 39.7 34.2 51.4

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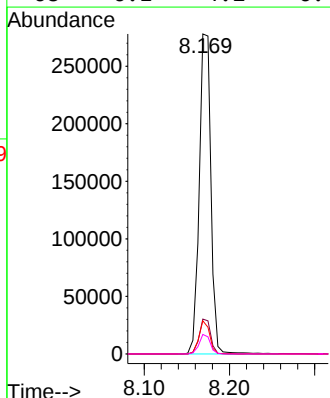
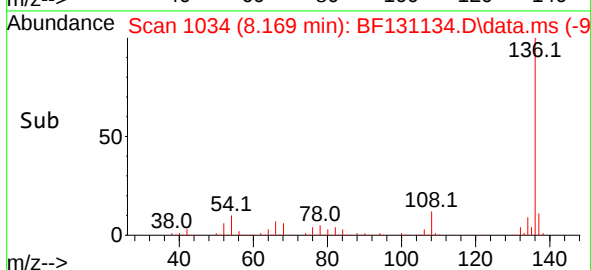
Reviewed By :Christian Giraldo 11/11/2022
Supervised By :Jagrut Upadhyay 11/11/2022

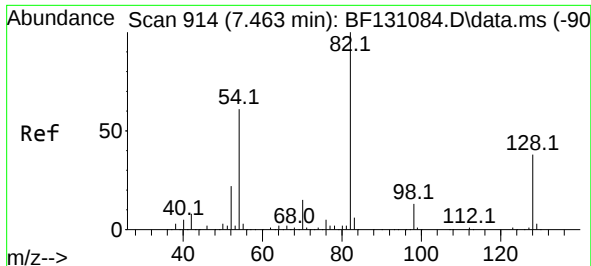


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1034
Delta R.T. -0.011 min
Lab File: BF131134.D
Acq: 10 Nov 2022 21:10



Tgt Ion:136 Resp: 264098
Ion Ratio Lower Upper
136 100
137 10.9 8.6 12.8
54 10.3 7.2 10.8
68 6.1 4.2 6.4





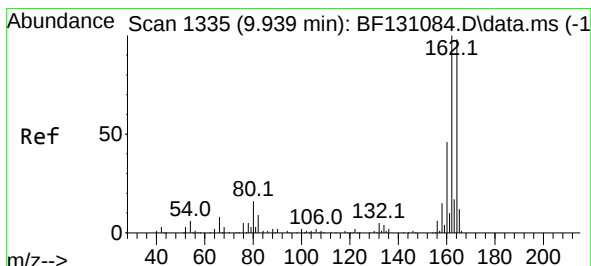
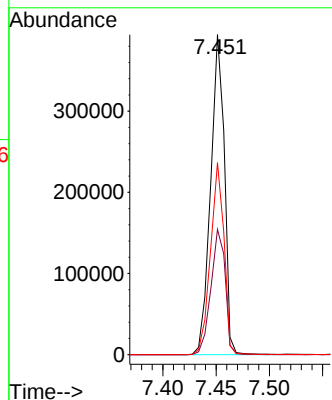
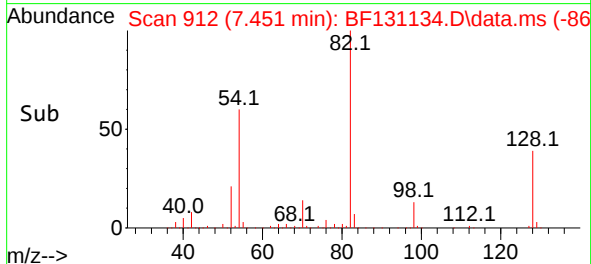
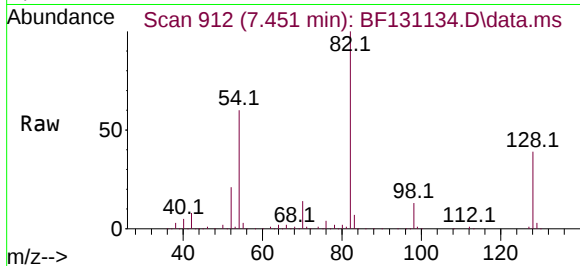
#23
Nitrobenzene-d5
Concen: 60.225 ng
RT: 7.451 min Scan# 914
Delta R.T. -0.012 min
Lab File: BF131134.D
Acq: 10 Nov 2022 21:10

Instrument :
BNA_F
ClientSampleId :
124035

Tgt Ion: 82 Resp: 352519
Ion Ratio Lower Upper
82 100
128 39.1 30.5 45.7
54 60.0 49.1 73.7

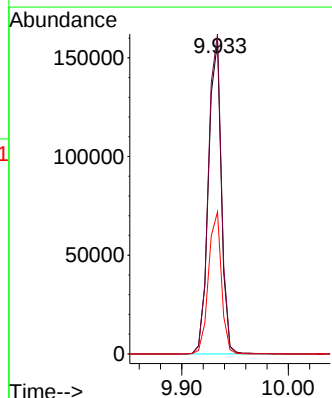
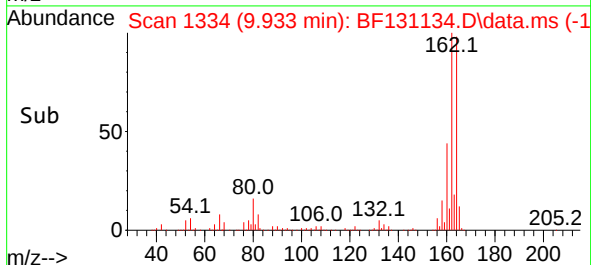
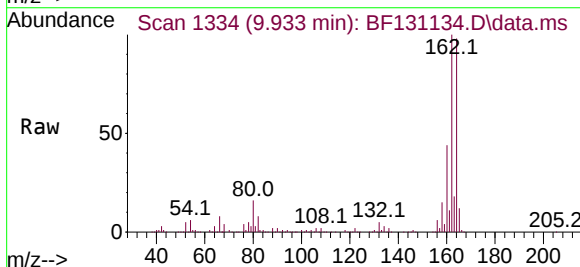
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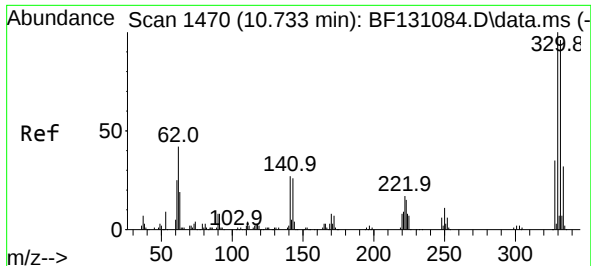
Reviewed By :Christian Giraldo 11/11/2022
Supervised By :Jagrut Upadhyay 11/11/2022



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.933 min Scan# 1334
Delta R.T. -0.006 min
Lab File: BF131134.D
Acq: 10 Nov 2022 21:10

Tgt Ion:164 Resp: 132743
Ion Ratio Lower Upper
164 100
162 102.5 81.7 122.5
160 45.5 37.4 56.2





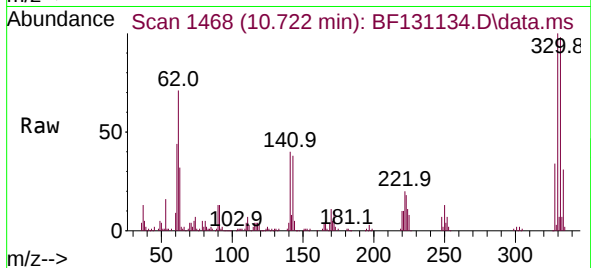
#42
2,4,6-Tribromophenol
Concen: 81.769 ng
RT: 10.722 min Scan# 1470
Delta R.T. -0.012 min
Lab File: BF131134.D
Acq: 10 Nov 2022 21:10

Instrument :

BNA_F

ClientSampleId :

124035

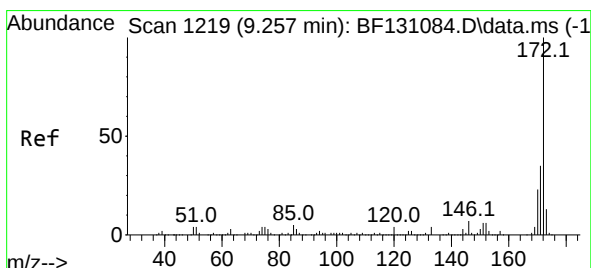
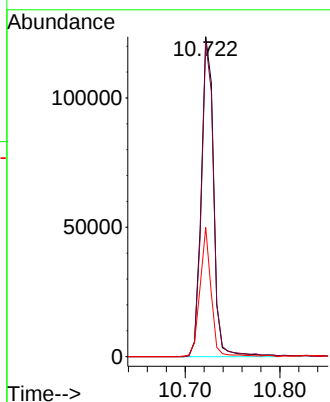
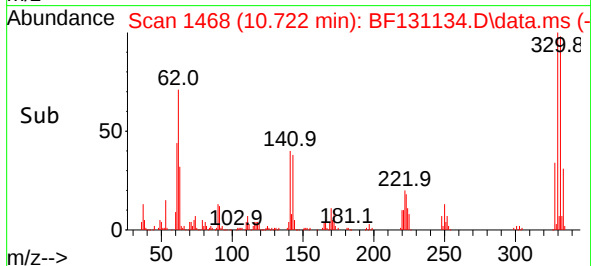


Tgt Ion: 330 Resp: 112176
Ion Ratio Lower Upper
330 100
332 98.1 77.0 115.4
141 36.4 28.5 42.7

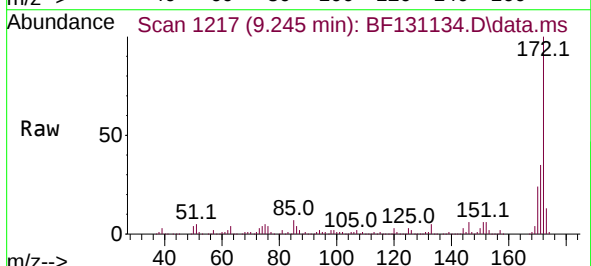
Manual Integrations

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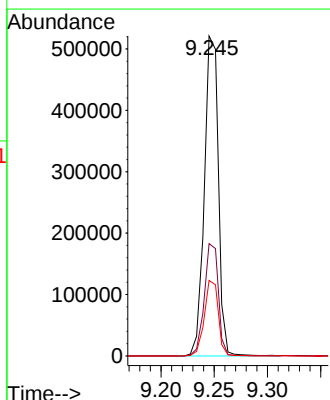
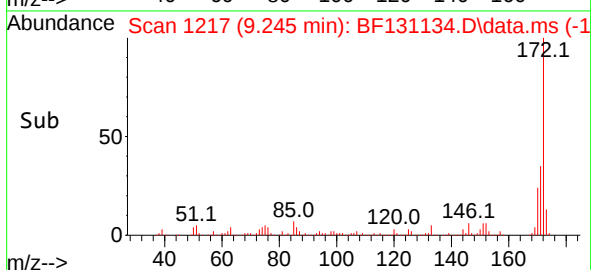
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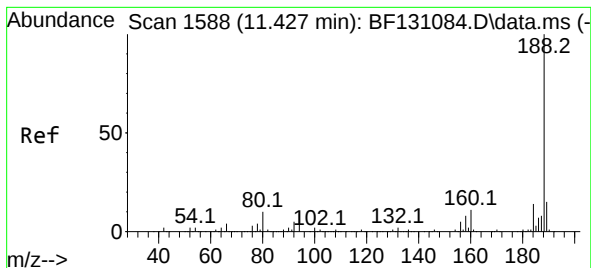


#45
2-Fluorobiphenyl
Concen: 50.015 ng
RT: 9.245 min Scan# 1217
Delta R.T. -0.012 min
Lab File: BF131134.D
Acq: 10 Nov 2022 21:10



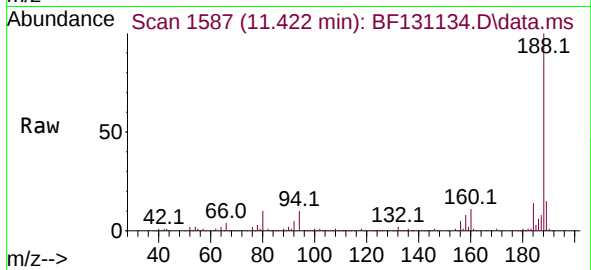
Tgt Ion: 172 Resp: 475593
Ion Ratio Lower Upper
172 100
171 35.1 27.7 41.5
170 23.6 18.8 28.2





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.422 min Scan# 11
Delta R.T. -0.005 min
Lab File: BF131134.D
Acq: 10 Nov 2022 21:10

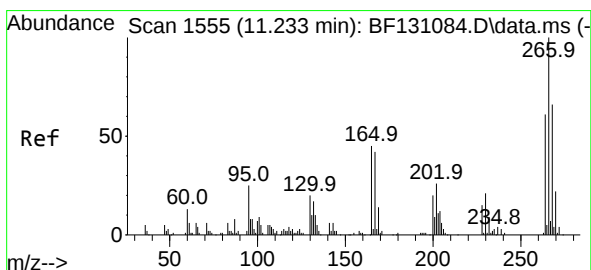
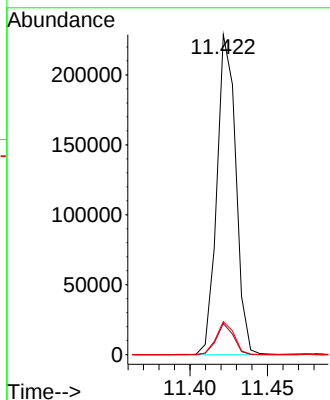
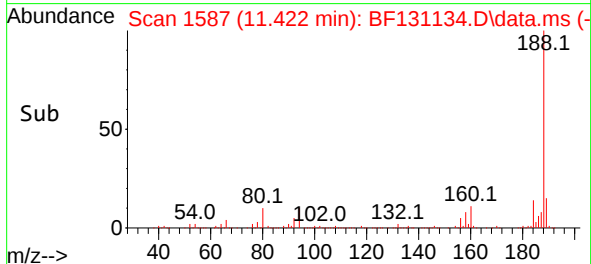
Instrument :
BNA_F
ClientSampleId :
124035



Tgt Ion:188 Resp: 19468
Ion Ratio Lower Upper
188 100
94 9.7 7.0 10.6
80 10.3 7.9 11.9

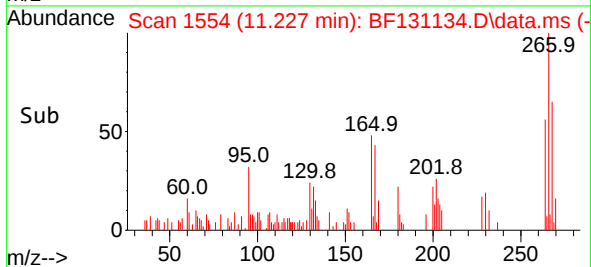
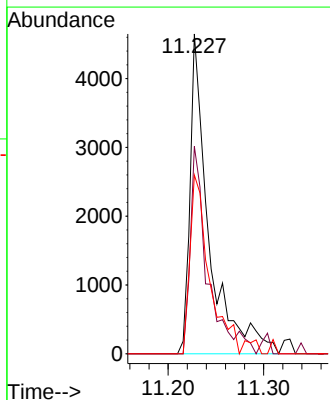
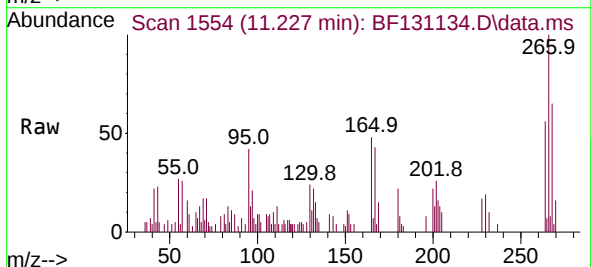
Manual Integrations
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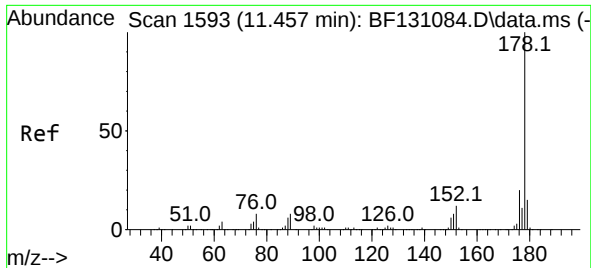
Reviewed By :Christian Giraldo 11/11/2022
Supervised By :Jagrut Upadhyay 11/11/2022



#70
Pentachlorophenol
Concen: 10.289 ng m
RT: 11.227 min Scan# 1554
Delta R.T. -0.006 min
Lab File: BF131134.D
Acq: 10 Nov 2022 21:10

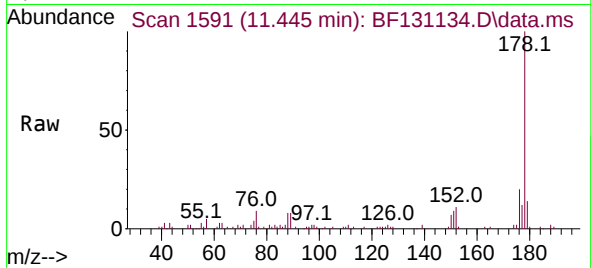
Tgt Ion:266 Resp: 6397
Ion Ratio Lower Upper
266 100
268 64.8 52.5 78.7
264 55.8 48.6 72.8





#71
Phenanthrene
Concen: 2.980 ng
RT: 11.445 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF131134.D
Acq: 10 Nov 2022 21:10

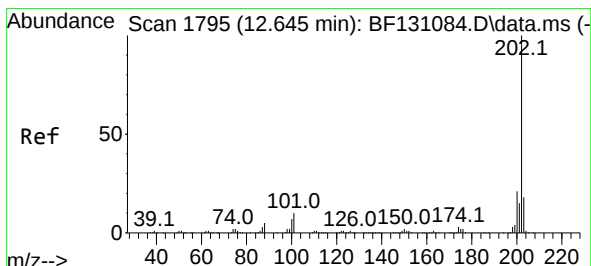
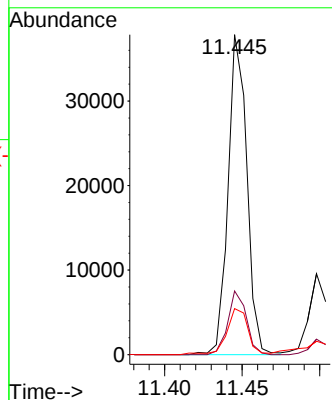
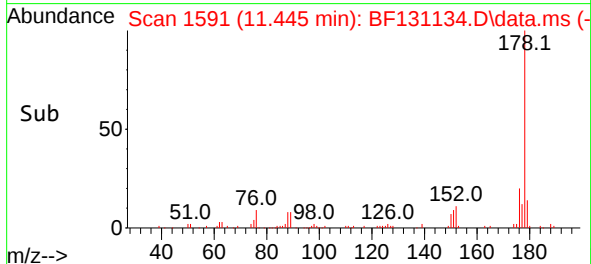
Instrument :
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124035



Tgt Ion:178 Resp: 31903
Ion Ratio Lower Upper
178 100
176 19.9 15.8 23.8
179 14.4 12.2 18.2

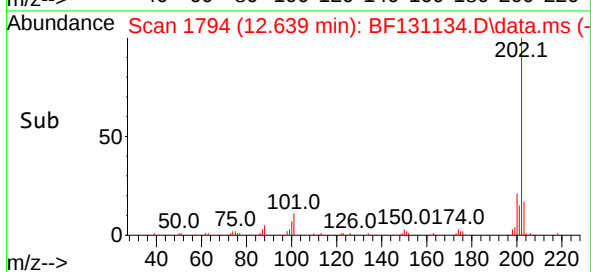
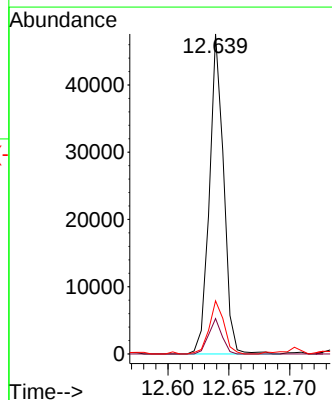
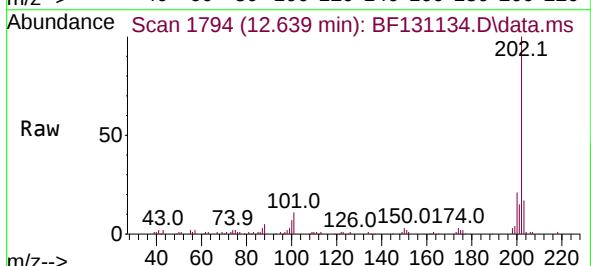
Manual Integrations
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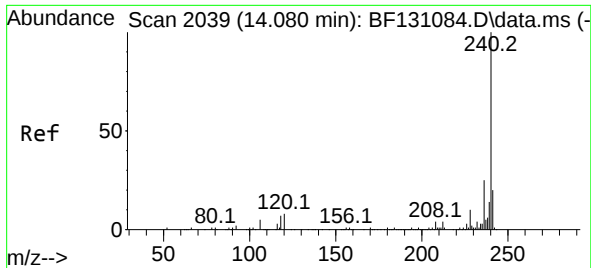
Reviewed By :Christian Giraldo 11/11/2022
Supervised By :Jagrut Upadhyay 11/11/2022



#75
Fluoranthene
Concen: 3.612 ng
RT: 12.639 min Scan# 1794
Delta R.T. -0.006 min
Lab File: BF131134.D
Acq: 10 Nov 2022 21:10

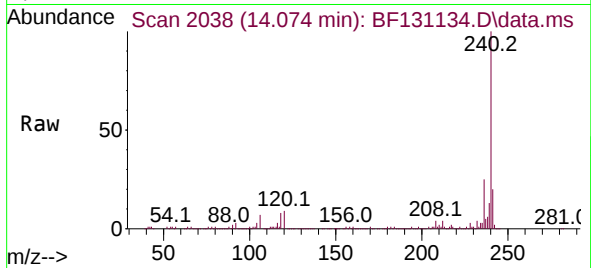
Tgt Ion:202 Resp: 38713
Ion Ratio Lower Upper
202 100
101 11.0 0.0 30.0
203 16.6 0.0 37.7





#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.074 min Scan# 2039
Delta R.T. -0.006 min
Lab File: BF131134.D
Acq: 10 Nov 2022 21:10

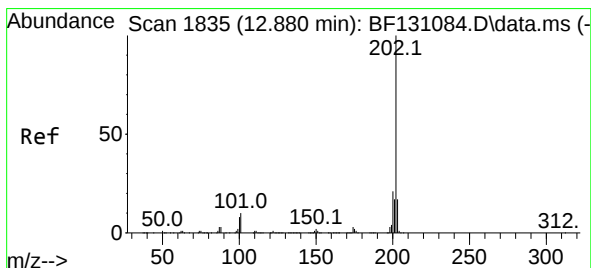
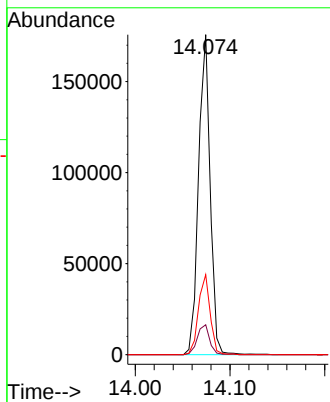
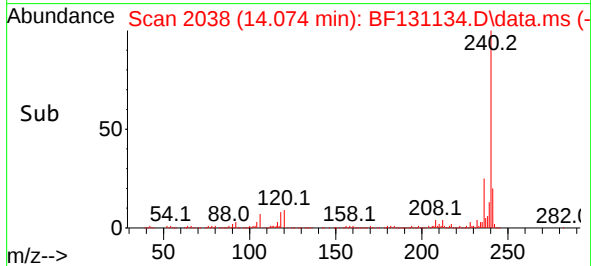
Instrument :
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Tgt Ion:240 Resp: 149096
Ion Ratio Lower Upper
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120 9.3 6.5 9.7
236 25.0 19.7 29.5

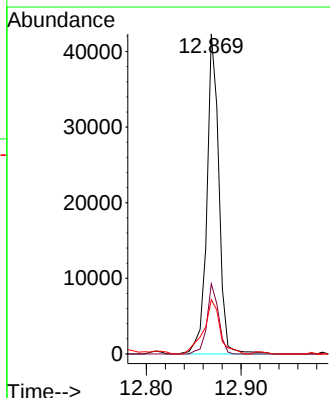
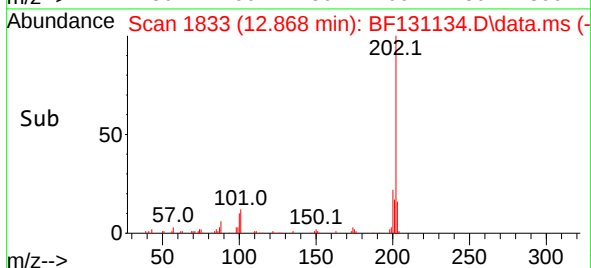
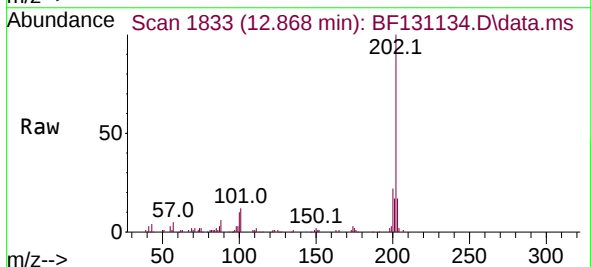
Manual Integrations
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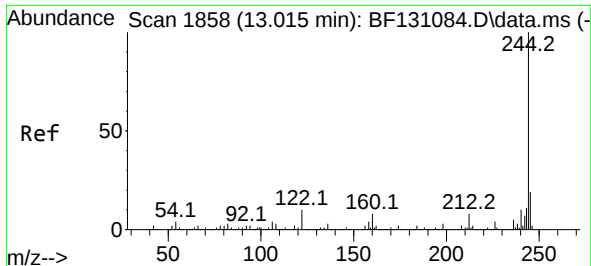
Reviewed By :Christian Giraldo 11/11/2022
Supervised By :Jagrut Upadhyay 11/11/2022



#78
Pyrene
Concen: 2.925 ng
RT: 12.868 min Scan# 1833
Delta R.T. -0.012 min
Lab File: BF131134.D
Acq: 10 Nov 2022 21:10

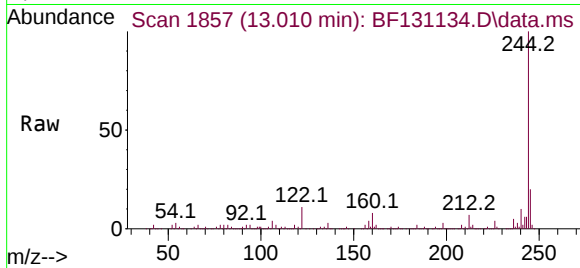
Tgt Ion:202 Resp: 37412
Ion Ratio Lower Upper
202 100
200 21.9 16.8 25.2
203 16.9 13.6 20.4





#79
 Terphenyl-d14
 Concen: 37.902 ng
 RT: 13.010 min Scan# 1858
 Delta R.T. -0.005 min
 Lab File: BF131134.D
 Acq: 10 Nov 2022 21:10

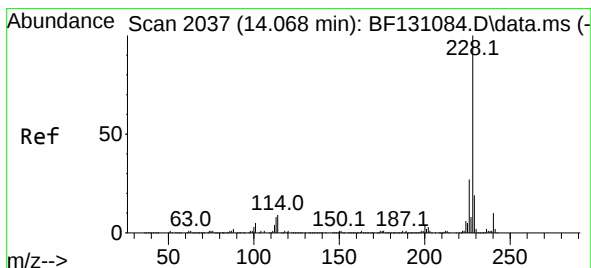
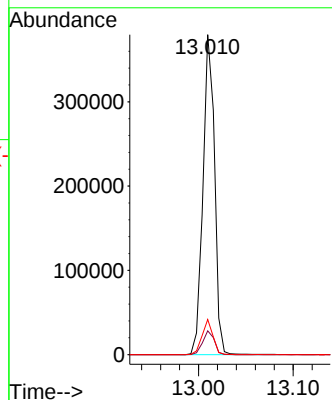
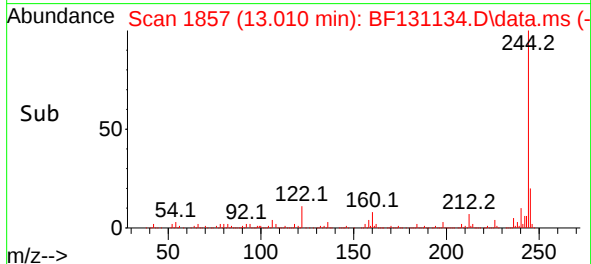
Instrument :
 BNA_F
 ClientSampleId :
 124035



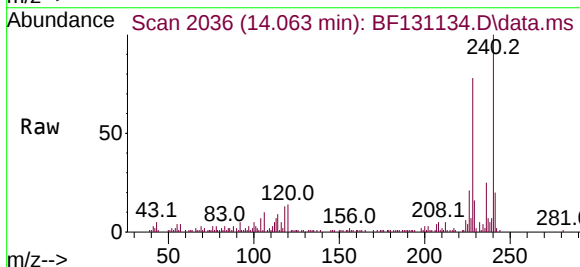
Tgt Ion:244 Resp: 322302
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.2 9.2
 122 11.0 7.8 11.8

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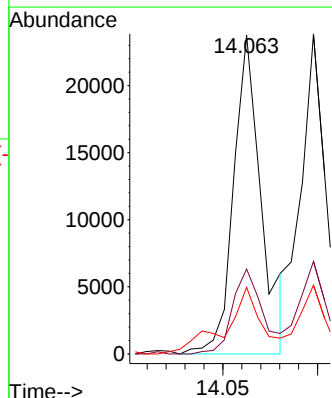
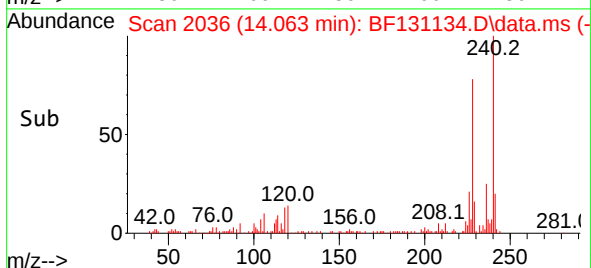
Reviewed By :Christian Giraldo 11/11/2022
 Supervised By :Jagrut Upadhyay 11/11/2022

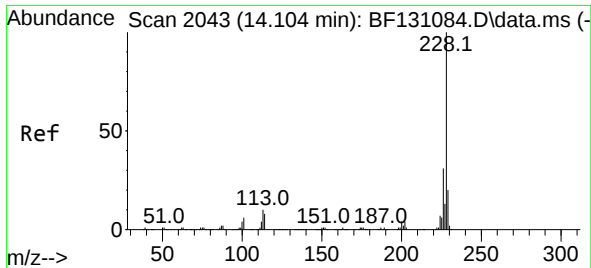


#81
 Benzo(a)anthracene
 Concen: 2.276 ng
 RT: 14.063 min Scan# 2036
 Delta R.T. -0.006 min
 Lab File: BF131134.D
 Acq: 10 Nov 2022 21:10



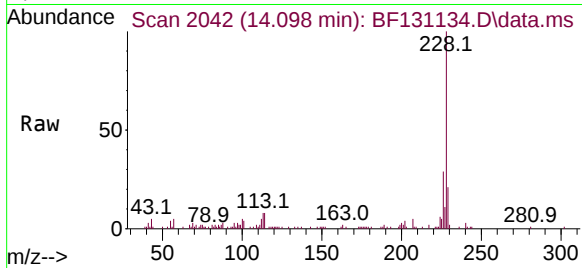
Tgt Ion:228 Resp: 24258
 Ion Ratio Lower Upper
 228 100
 226 26.6 21.8 32.6
 229 20.9 15.4 23.2





#83
Chrysene
Concen: 2.179 ng
RT: 14.098 min Scan# 2043
Delta R.T. -0.006 min
Lab File: BF131134.D
Acq: 10 Nov 2022 21:10

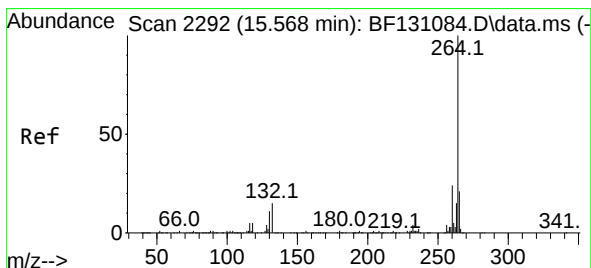
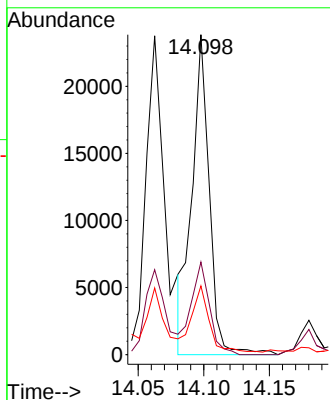
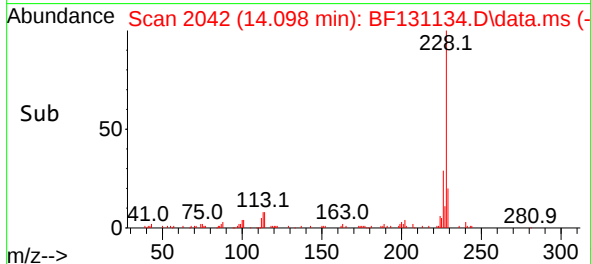
Instrument :
BNA_F
ClientSampleId :
124035



Tgt Ion:228 Resp: 21926
Ion Ratio Lower Upper
228 100
226 28.9 24.4 36.6
229 21.5 15.8 23.6

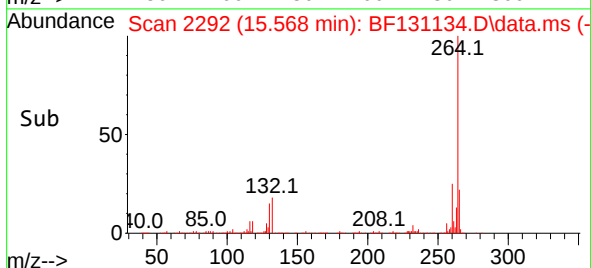
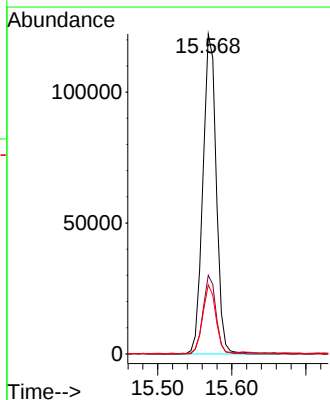
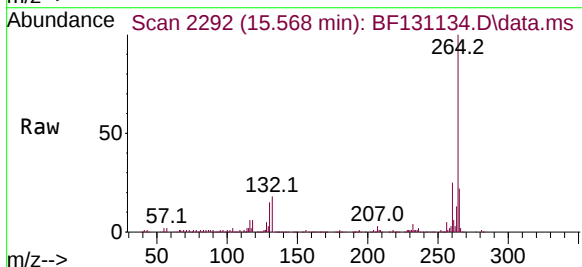
Manual Integrations
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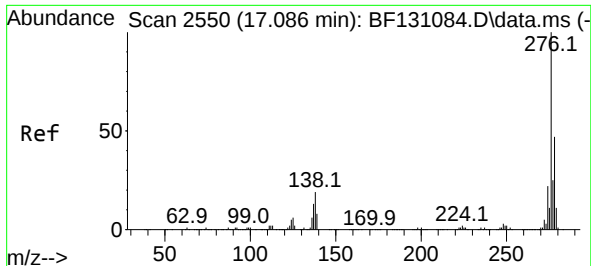
Reviewed By :Christian Giraldo 11/11/2022
Supervised By :Jagrut Upadhyay 11/11/2022



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.568 min Scan# 2292
Delta R.T. 0.000 min
Lab File: BF131134.D
Acq: 10 Nov 2022 21:10

Tgt Ion:264 Resp: 153083
Ion Ratio Lower Upper
264 100
260 24.6 19.1 28.7
265 21.6 16.7 25.1





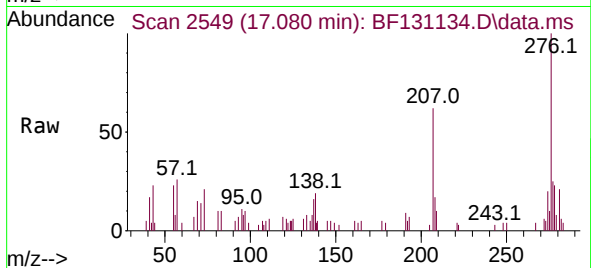
#87
Indeno(1,2,3-cd)pyrene
Concen: 4.586 ng
RT: 17.080 min Scan# 2549
Delta R.T. -0.006 min
Lab File: BF131134.D
Acq: 10 Nov 2022 21:10

Instrument :

BNA_F

ClientSampleId :

124035

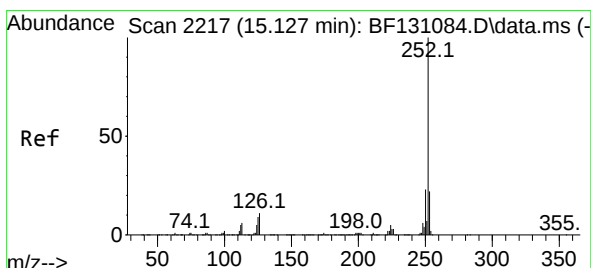
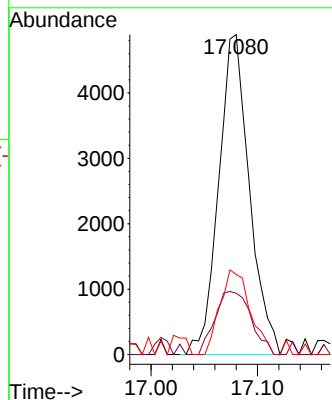
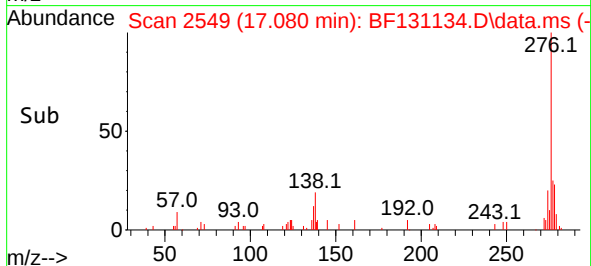


Tgt Ion: 276 Resp: 9829
Ion Ratio Lower Upper
276 100
138 23.2 16.9 25.3
277 25.9 20.3 30.5

Manual Integrations

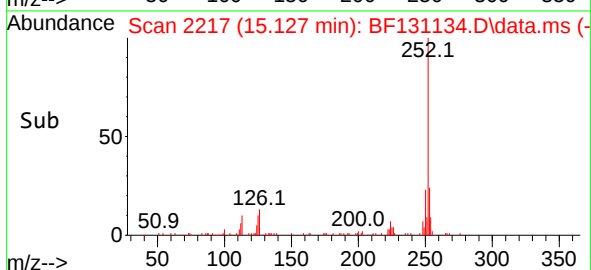
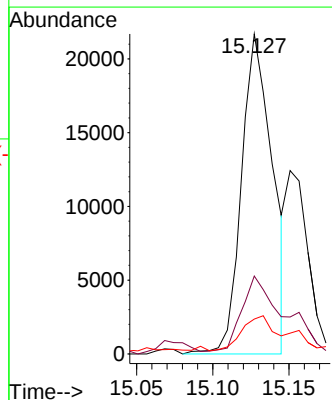
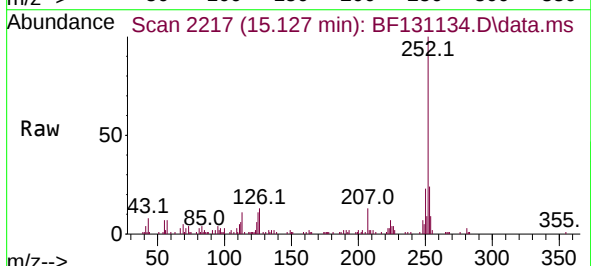
APPROVED

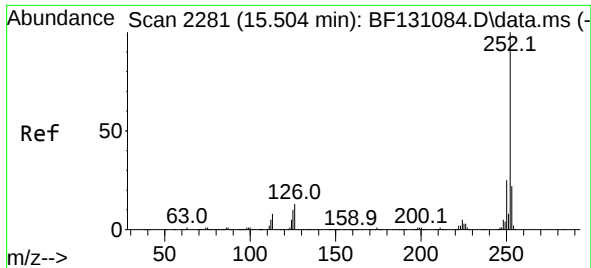
Reviewed By : Christian Giraldo 11/11/2022
Supervised By : Jagrut Upadhyay 11/11/2022



#88
Benzo(b)fluoranthene
Concen: 2.836 ng m
RT: 15.127 min Scan# 2217
Delta R.T. 0.000 min
Lab File: BF131134.D
Acq: 10 Nov 2022 21:10

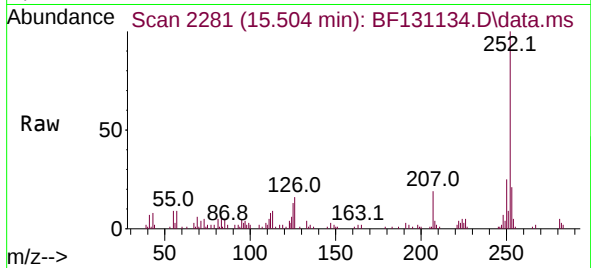
Tgt Ion: 252 Resp: 30690
Ion Ratio Lower Upper
252 100
253 24.3 17.3 25.9
125 10.9 7.2 10.8





#90
Benzo(a)pyrene
Concen: 2.298 ng
RT: 15.504 min Scan# 21
Delta R.T. -0.000 min
Lab File: BF131134.D
Acq: 10 Nov 2022 21:10

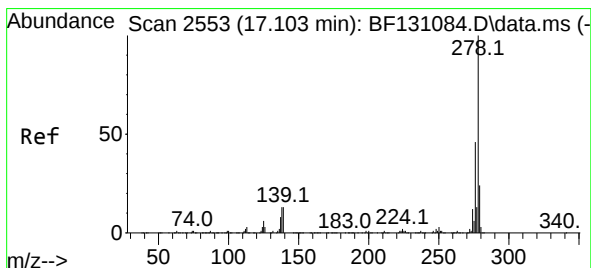
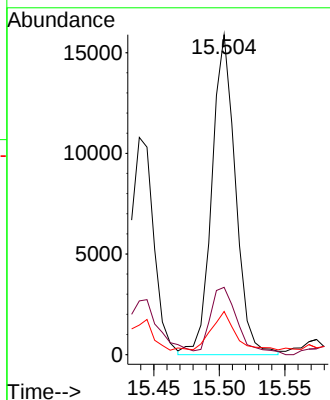
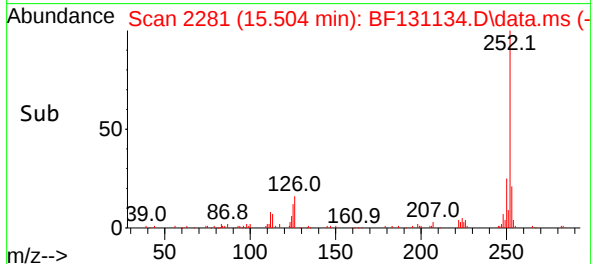
Instrument :
BNA_F
ClientSampleId :
124035



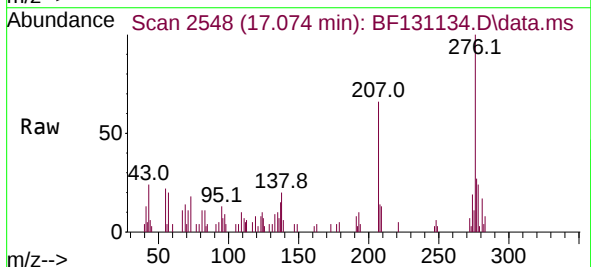
Tgt Ion:252 Resp: 19944
Ion Ratio Lower Upper
252 100
253 21.0 17.8 26.8
125 13.5 8.1 12.1

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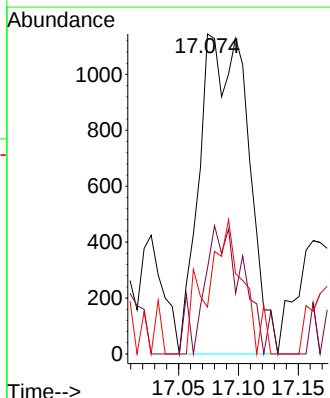
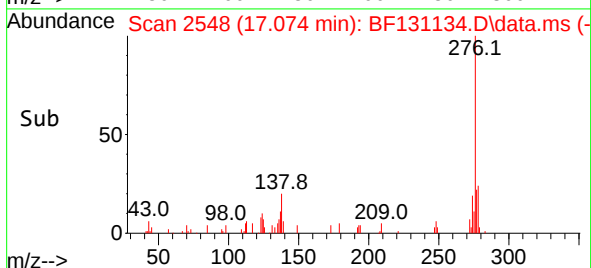
Reviewed By :Christian Giraldo 11/11/2022
Supervised By :Jagrut Upadhyay 11/11/2022

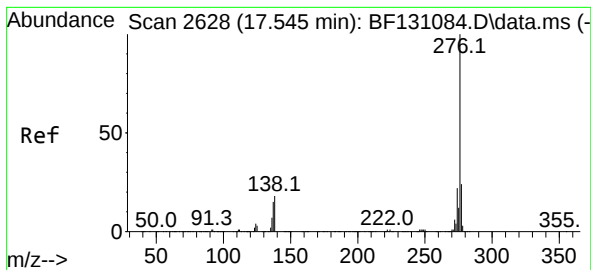


#91
Dibenzo(a,h)anthracene
Concen: 4.132 ng m
RT: 17.074 min Scan# 2548
Delta R.T. -0.029 min
Lab File: BF131134.D
Acq: 10 Nov 2022 21:10



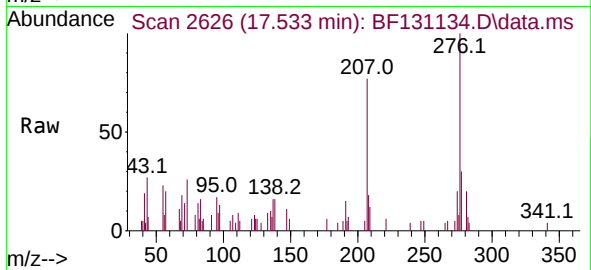
Tgt Ion:278 Resp: 3227
Ion Ratio Lower Upper
278 100
139 26.7 10.8 16.2#
279 14.7 19.2 28.8#





#92
 Benzo(g,h,i)perylene
 Concen: 5.129 ng
 RT: 17.533 min Scan# 2626
 Delta R.T. -0.012 min
 Lab File: BF131134.D
 Acq: 10 Nov 2022 21:10

Instrument : BNA_F
 ClientSampleId : 124035



Tgt Ion: 276 Resp: 9039
 Ion Ratio Lower Upper
 276 100
 277 30.4 19.0 28.4
 138 15.8 14.6 21.8

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 11/11/2022
 Supervised By : Jagrut Upadhyay 11/11/2022

