

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050523\
 Data File : BF133275.D
 Acq On : 05 May 2023 21:20
 Operator : CG\JU
 Sample : 02624-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WZ-3

Quant Time: May 06 05:51:54 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 05 10:49:34 2023
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Christian Giraldo 05/08/2023
 Supervised By :Jagrut Upadhyay 05/08/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.728	152	175378	20.000	ng	0.00
21) Naphthalene-d8	8.010	136	689007	20.000	ng	0.00
39) Acenaphthene-d10	9.757	164	361573	20.000	ng	0.00
64) Phenanthrene-d10	11.239	188	658980	20.000	ng	0.00
76) Chrysene-d12	13.874	240	415175	20.000	ng	0.00
86) Perylene-d12	15.292	264	355590	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.346	112	1221749	105.235	ng	0.01
7) Phenol-d6	6.369	99	1446733	100.397	ng	0.00
23) Nitrobenzene-d5	7.292	82	885464	69.367	ng	0.00
42) 2,4,6-Tribromophenol	10.551	330	361703	99.470	ng	0.00
45) 2-Fluorobiphenyl	9.086	172	1470604	68.045	ng	0.00
79) Terphenyl-d14	12.827	244	1645808	68.368	ng	0.00
Target Compounds						
						Qvalue
71) Phenanthrene	11.263	178	112525	3.177	ng	97
75) Fluoranthene	12.445	202	178540	5.023	ng	98
78) Pyrene	12.674	202	142808	4.013	ng	99
81) Benzo(a)anthracene	13.863	228	58007	2.032	ng	97
88) Benzo(b)fluoranthene	14.886	252	55994m	2.475	ng	

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

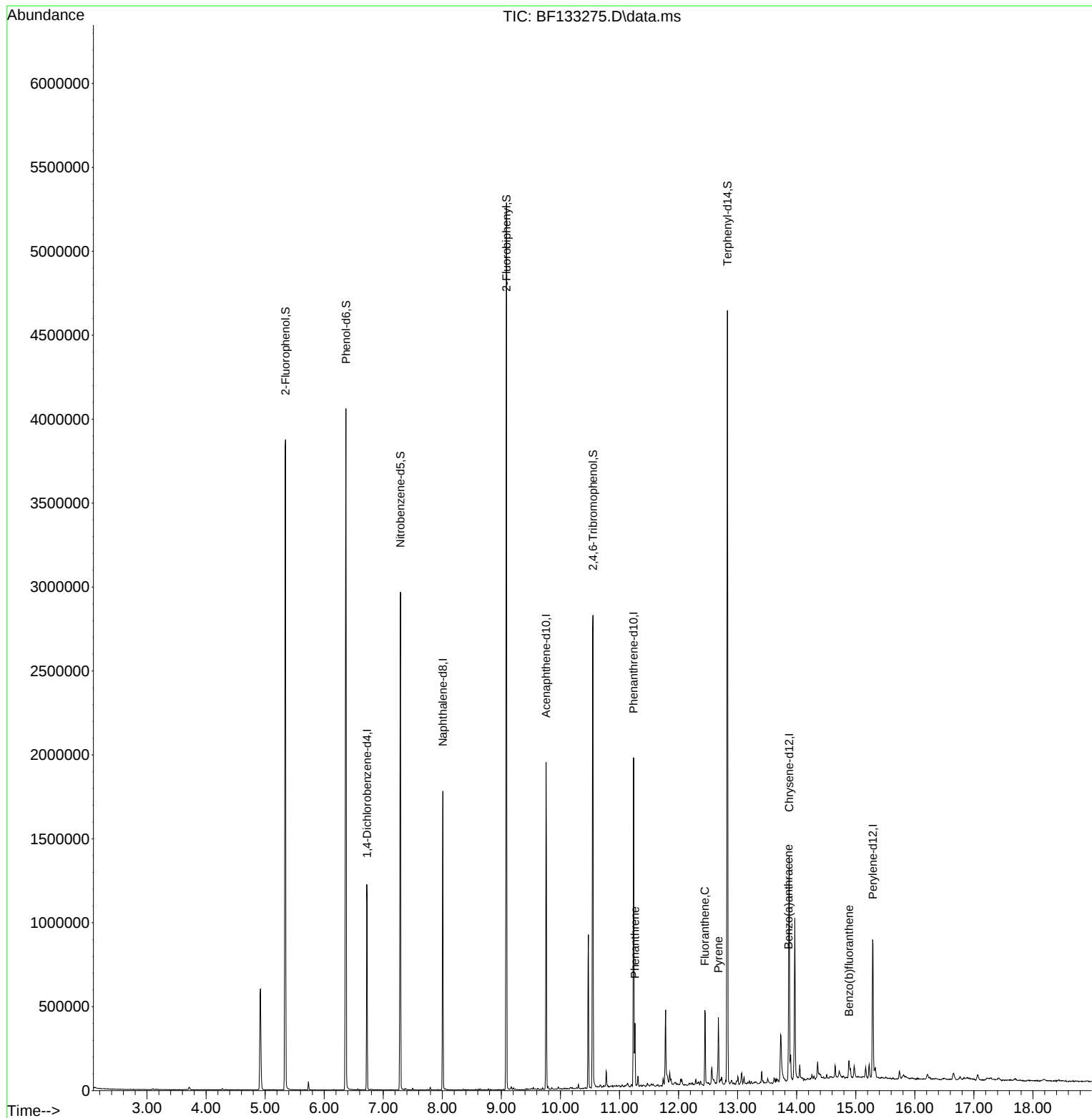
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050523\
Data File : BF133275.D
Acq On : 05 May 2023 21:20
Operator : CG\JU
Sample : 02624-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

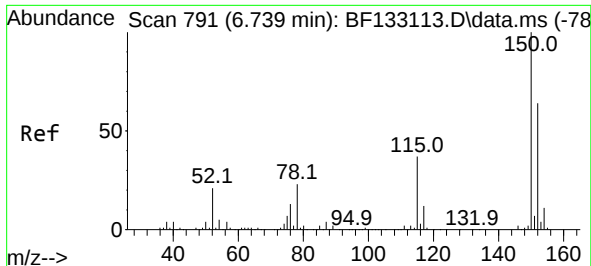
Instrument :
BNA_F
ClientSampleId :
WZ-3

Quant Time: May 06 05:51:54 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 05 10:49:34 2023
Response via : Initial Calibration

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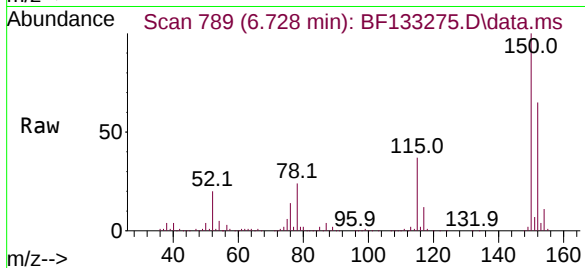
Reviewed By : Christian Giraldo 05/08/2023
Supervised By : Jagrut Upadhyay 05/08/2023





#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.728 min Scan# 791
 Delta R.T. -0.000 min
 Lab File: BF133275.D
 Acq: 05 May 2023 21:20

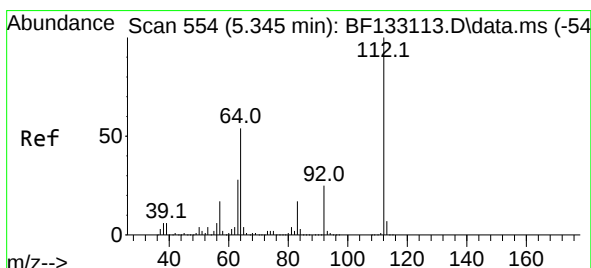
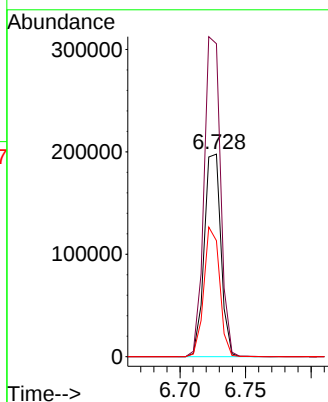
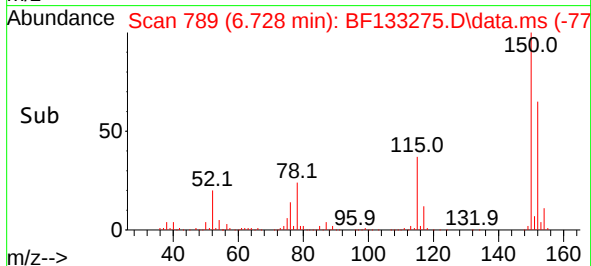
Instrument :
 BNA_F
 ClientSampleId :
 WZ-3



Tgt Ion:152 Resp: 175378
 Ion Ratio Lower Upper
 152 100
 150 154.6 124.8 187.2
 115 57.3 49.9 74.9

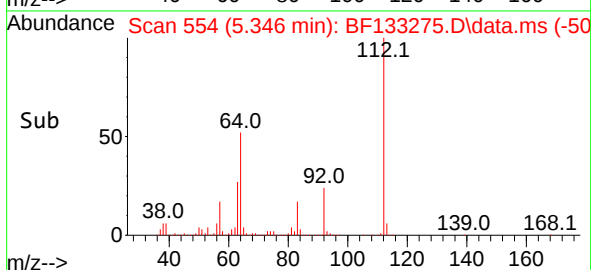
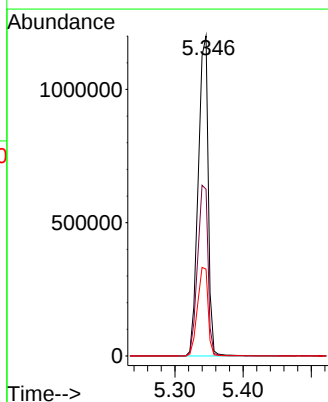
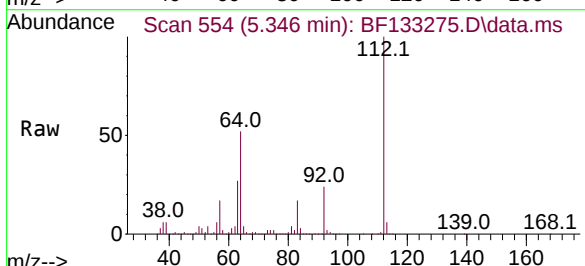
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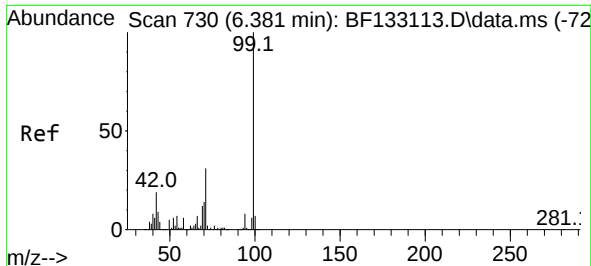
Reviewed By :Christian Giraldo 05/08/2023
 Supervised By :Jagrut Upadhyay 05/08/2023



#5
 2-Fluorophenol
 Concen: 105.235 ng
 RT: 5.346 min Scan# 554
 Delta R.T. 0.012 min
 Lab File: BF133275.D
 Acq: 05 May 2023 21:20

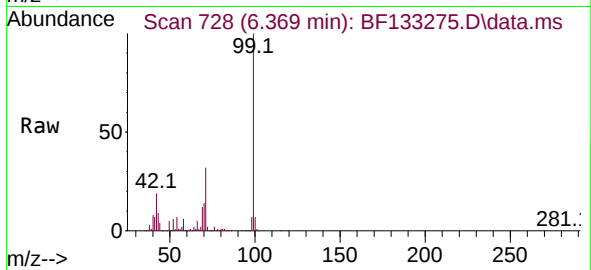
Tgt Ion:112 Resp: 1221749
 Ion Ratio Lower Upper
 112 100
 64 52.1 46.8 70.2
 63 27.1 23.8 35.8





#7
Phenol-d6
Concen: 100.397 ng
RT: 6.369 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF133275.D
Acq: 05 May 2023 21:20

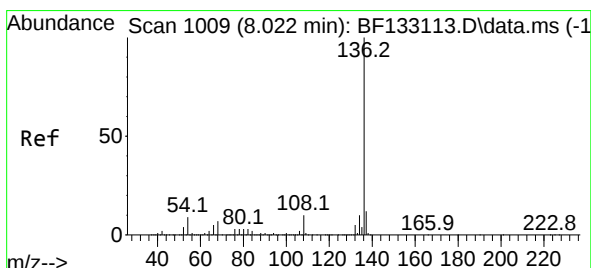
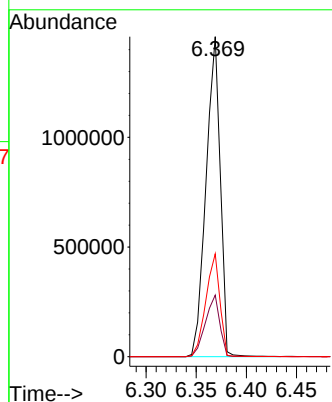
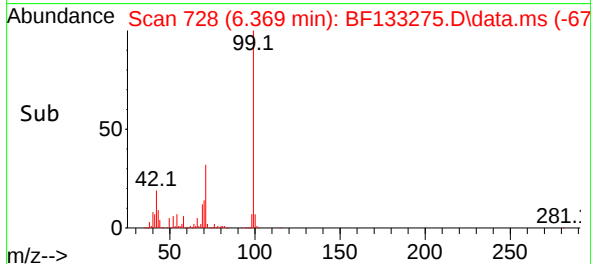
Instrument :
BNA_F
ClientSampleId :
WZ-3



Tgt Ion: 99 Resp: 1446733
Ion Ratio Lower Upper
99 100
42 19.3 16.3 24.5
71 32.1 25.6 38.4

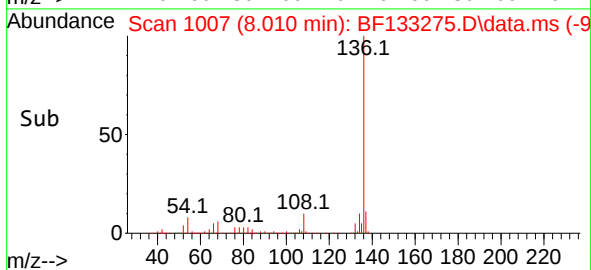
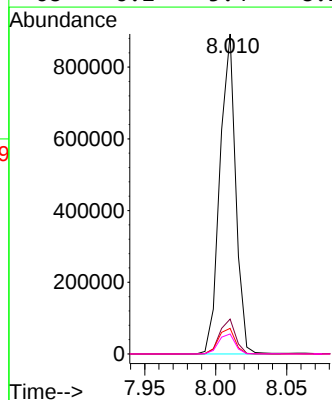
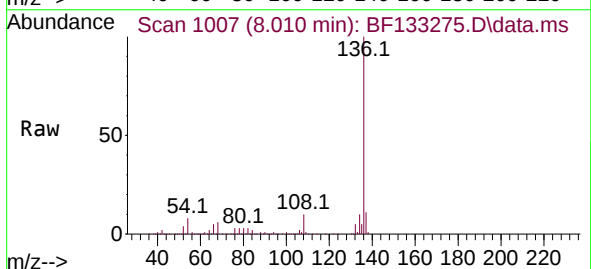
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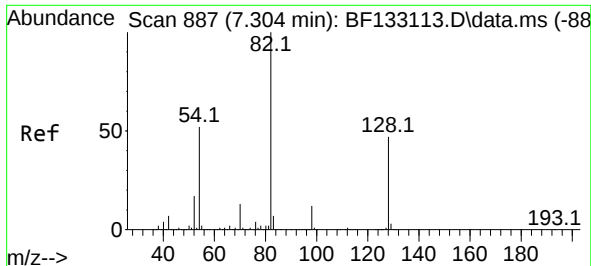
Reviewed By :Christian Giraldo 05/08/2023
Supervised By :Jagrut Upadhyay 05/08/2023



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.010 min Scan# 1007
Delta R.T. -0.006 min
Lab File: BF133275.D
Acq: 05 May 2023 21:20

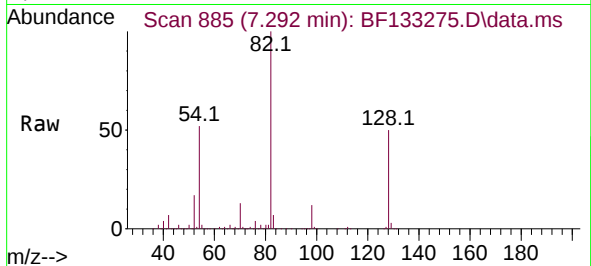
Tgt Ion:136 Resp: 689007
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 8.0 7.0 10.4
68 6.2 5.4 8.2





#23
Nitrobenzene-d5
Concen: 69.367 ng
RT: 7.292 min Scan# 885
Delta R.T. -0.006 min
Lab File: BF133275.D
Acq: 05 May 2023 21:20

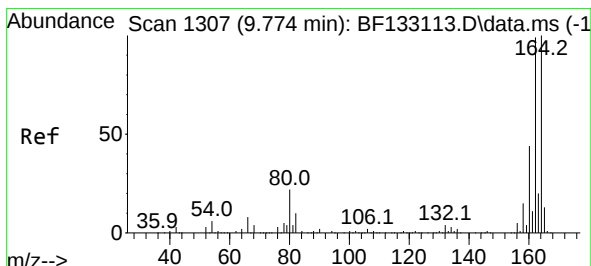
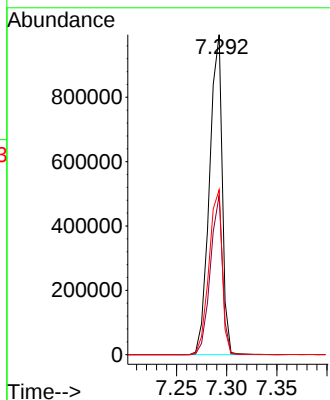
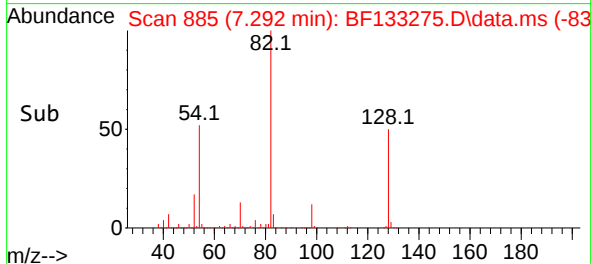
Instrument :
BNA_F
ClientSampleId :
WZ-3



Tgt Ion: 82 Resp: 885464
Ion Ratio Lower Upper
82 100
128 49.8 37.7 56.5
54 51.5 43.0 64.4

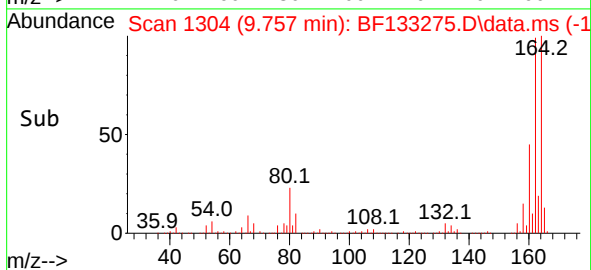
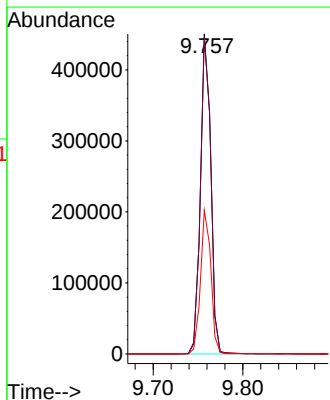
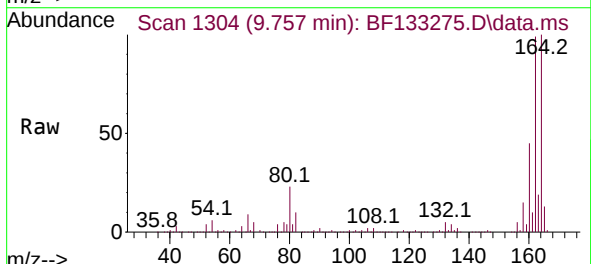
Manual Integrations
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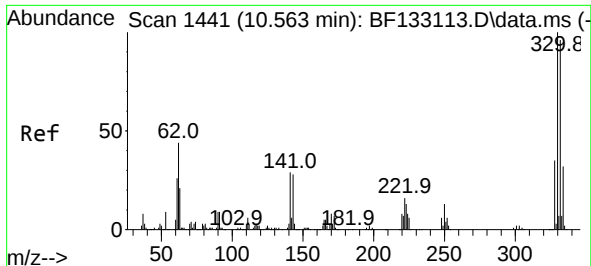
Reviewed By :Christian Giraldo 05/08/2023
Supervised By :Jagrut Upadhyay 05/08/2023



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.757 min Scan# 1304
Delta R.T. -0.006 min
Lab File: BF133275.D
Acq: 05 May 2023 21:20

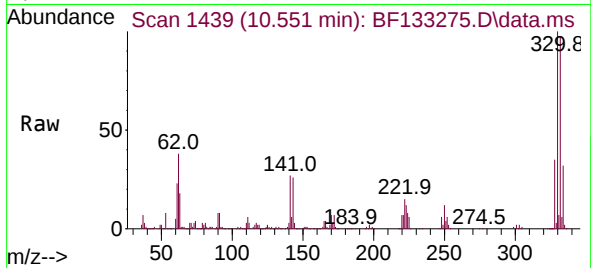
Tgt Ion:164 Resp: 361573
Ion Ratio Lower Upper
164 100
162 99.0 78.7 118.1
160 44.9 35.8 53.6





#42
2,4,6-Tribromophenol
Concen: 99.470 ng
RT: 10.551 min Scan# 1441
Delta R.T. -0.006 min
Lab File: BF133275.D
Acq: 05 May 2023 21:20

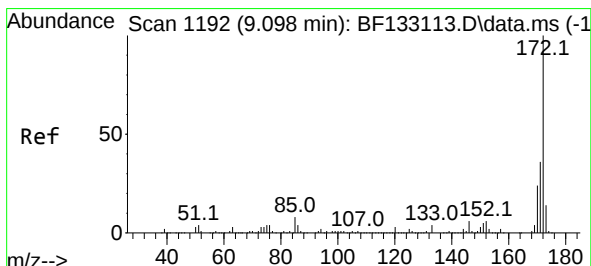
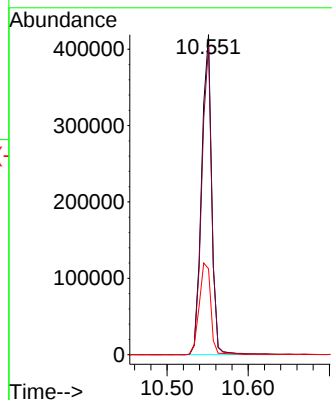
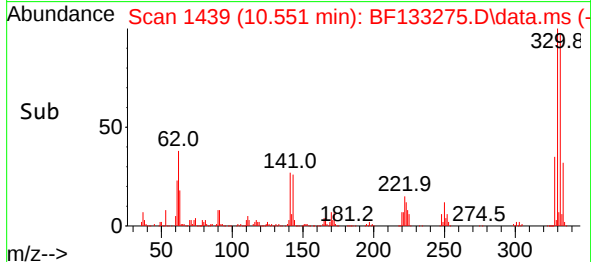
Instrument :
BNA_F
ClientSampleId :
WZ-3



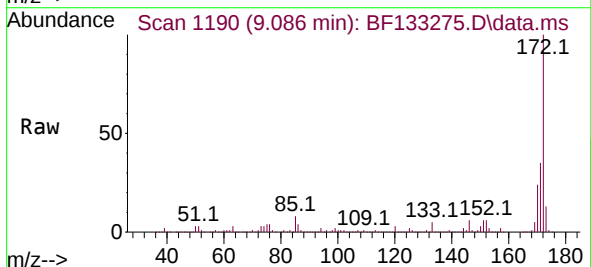
Tgt Ion: 330 Resp: 361700
Ion Ratio Lower Upper
330 100
332 95.8 77.1 115.7
141 32.8 25.8 38.8

Manual Integrations
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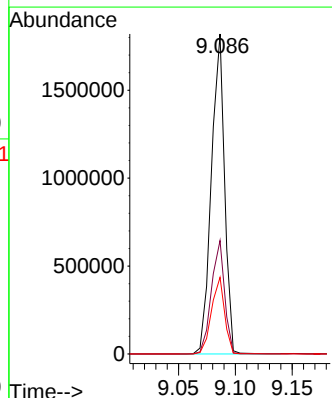
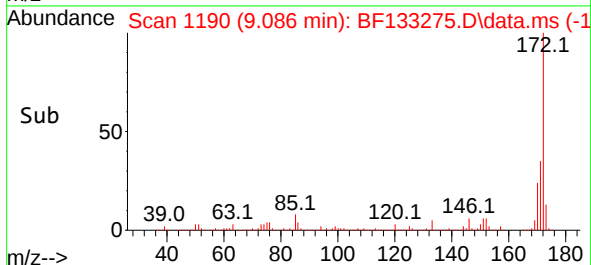
Reviewed By : Christian Giraldo 05/08/2023
Supervised By : Jagrut Upadhyay 05/08/2023

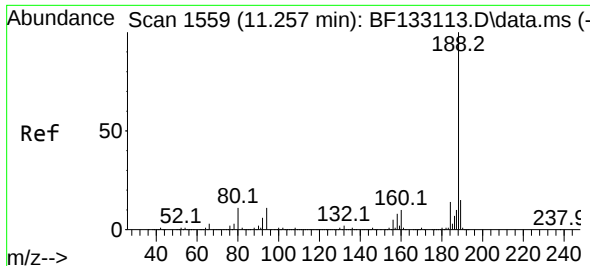


#45
2-Fluorobiphenyl
Concen: 68.045 ng
RT: 9.086 min Scan# 1190
Delta R.T. -0.006 min
Lab File: BF133275.D
Acq: 05 May 2023 21:20



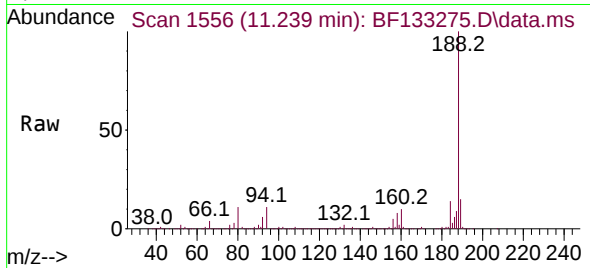
Tgt Ion: 172 Resp: 1470604
Ion Ratio Lower Upper
172 100
171 35.5 28.8 43.2
170 23.9 19.4 29.2





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.239 min Scan# 1556
Delta R.T. -0.006 min
Lab File: BF133275.D
Acq: 05 May 2023 21:20

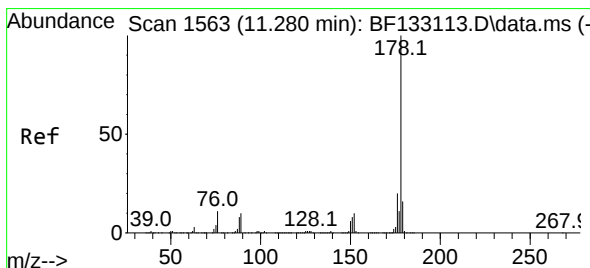
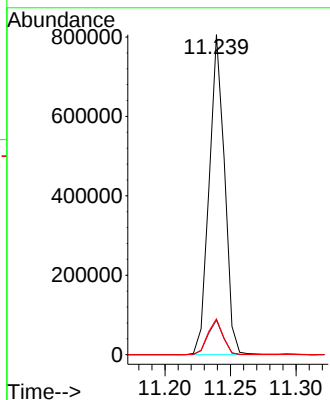
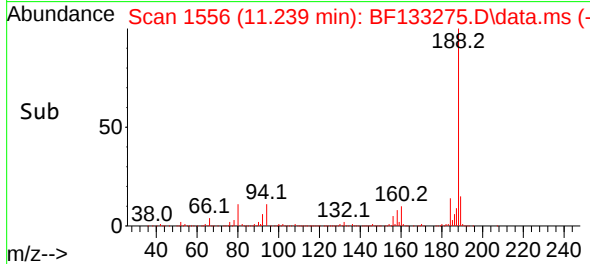
Instrument :
BNA_F
ClientSampleId :
WZ-3



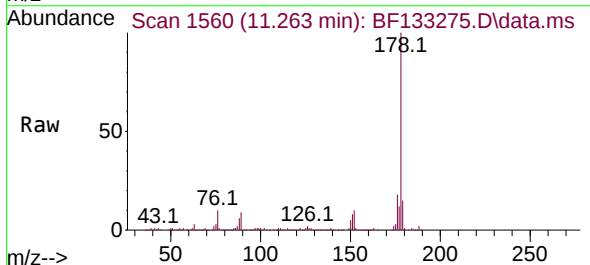
Tgt Ion:188 Resp: 658980
Ion Ratio Lower Upper
188 100
94 10.8 9.7 14.5
80 11.2 10.4 15.6

Manual Integrations
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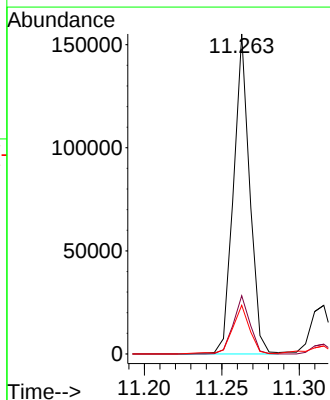
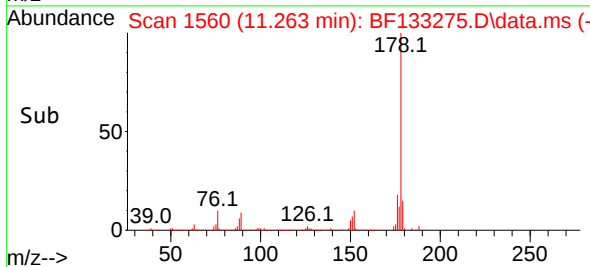
Reviewed By :Christian Giraldo 05/08/2023
Supervised By :Jagrut Upadhyay 05/08/2023

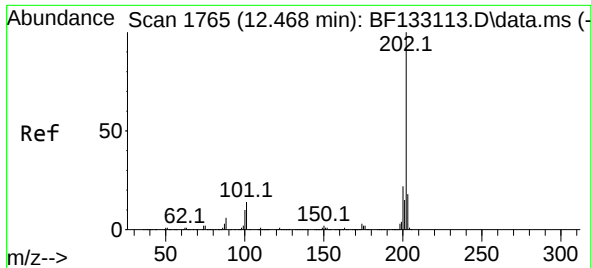


#71
Phenanthrene
Concen: 3.177 ng
RT: 11.263 min Scan# 1560
Delta R.T. -0.006 min
Lab File: BF133275.D
Acq: 05 May 2023 21:20



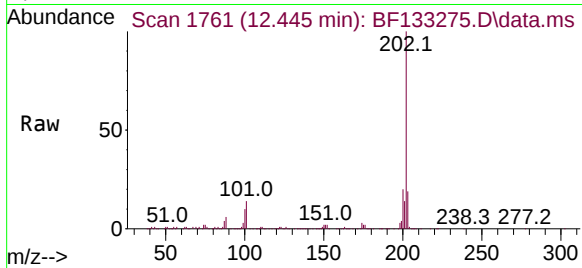
Tgt Ion:178 Resp: 112525
Ion Ratio Lower Upper
178 100
176 18.2 15.9 23.9
179 15.2 12.5 18.7





#75
Fluoranthene
Concen: 5.023 ng
RT: 12.445 min Scan# 1765
Delta R.T. -0.012 min
Lab File: BF133275.D
Acq: 05 May 2023 21:20

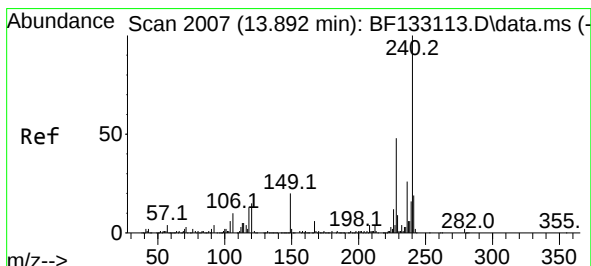
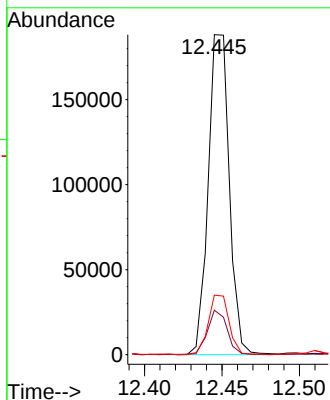
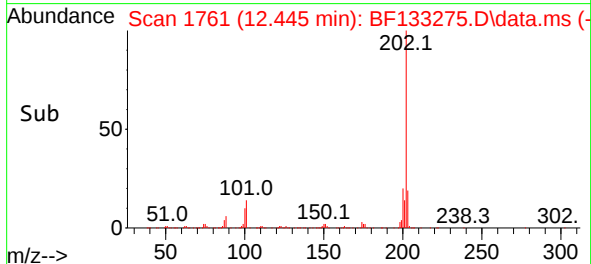
Instrument :
BNA_F
ClientSampleId :
WZ-3



Tgt Ion:202 Resp: 178540
Ion Ratio Lower Upper
202 100
101 13.9 0.0 35.3
203 18.6 0.0 38.1

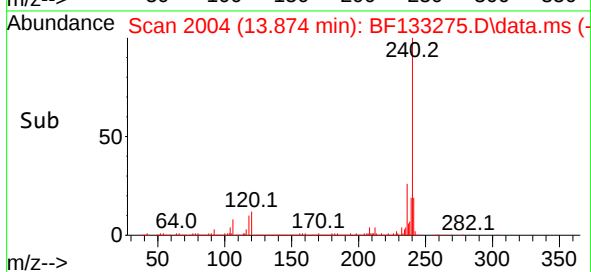
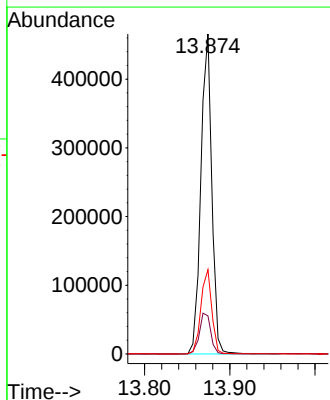
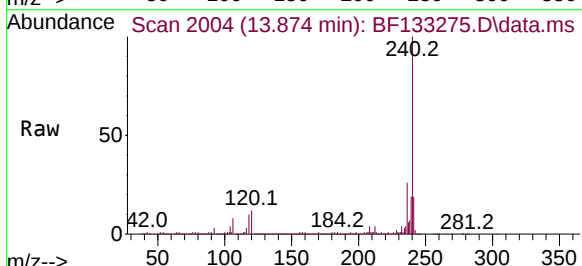
Manual Integrations
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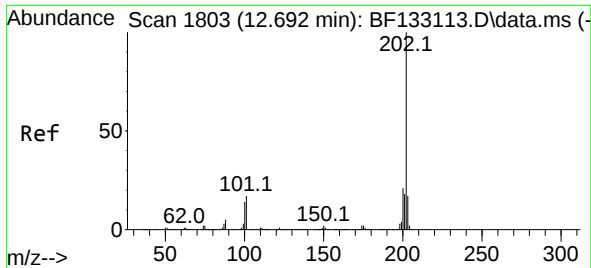
Reviewed By :Christian Giraldo 05/08/2023
Supervised By :Jagrut Upadhyay 05/08/2023



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.874 min Scan# 2004
Delta R.T. -0.006 min
Lab File: BF133275.D
Acq: 05 May 2023 21:20

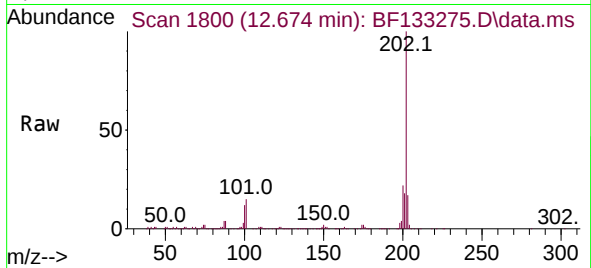
Tgt Ion:240 Resp: 415175
Ion Ratio Lower Upper
240 100
120 11.9 10.5 15.7
236 26.3 21.5 32.3





#78
Pyrene
Concen: 4.013 ng
RT: 12.674 min Scan# 1800
Delta R.T. -0.012 min
Lab File: BF133275.D
Acq: 05 May 2023 21:20

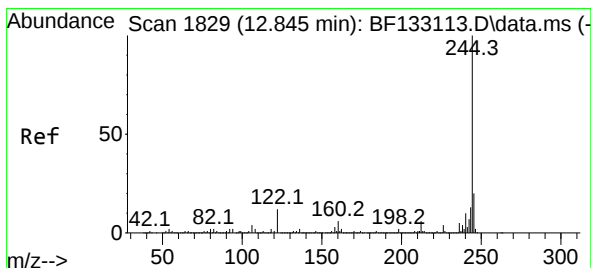
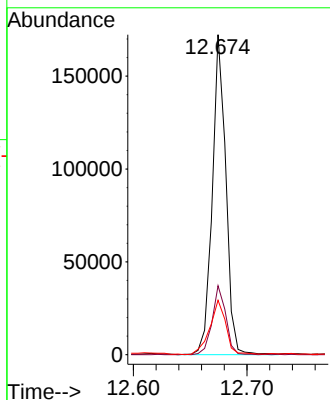
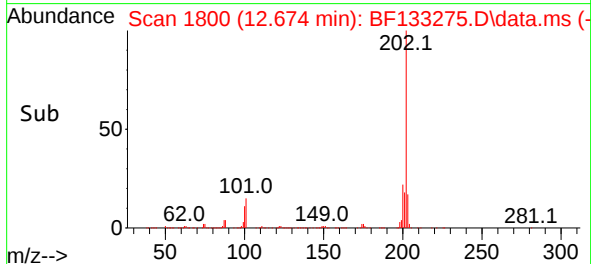
Instrument :
BNA_F
ClientSampleId :
WZ-3



Tgt Ion:202 Resp: 142808
Ion Ratio Lower Upper
202 100
200 21.5 17.1 25.7
203 17.0 14.1 21.1

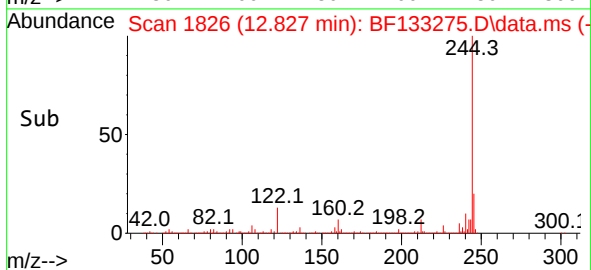
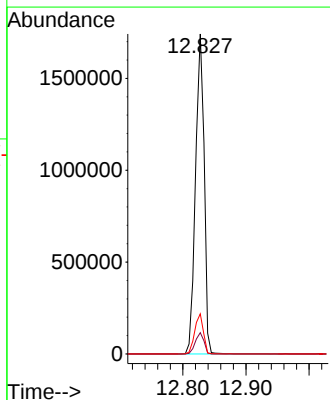
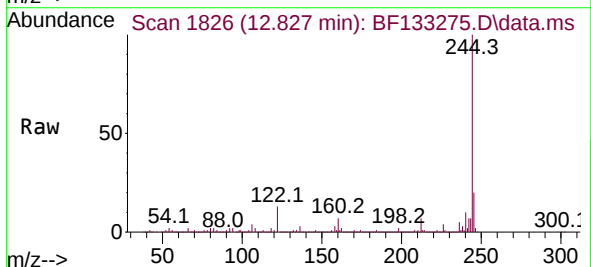
Manual Integrations
APPROVED

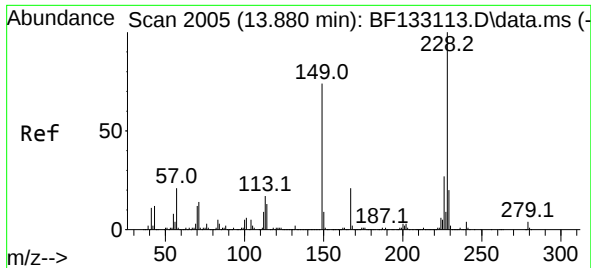
Reviewed By :Christian Giraldo 05/08/2023
Supervised By :Jagrut Upadhyay 05/08/2023



#79
Terphenyl-d14
Concen: 68.368 ng
RT: 12.827 min Scan# 1826
Delta R.T. -0.006 min
Lab File: BF133275.D
Acq: 05 May 2023 21:20

Tgt Ion:244 Resp: 1645808
Ion Ratio Lower Upper
244 100
212 6.6 5.1 7.7
122 12.5 8.6 13.0





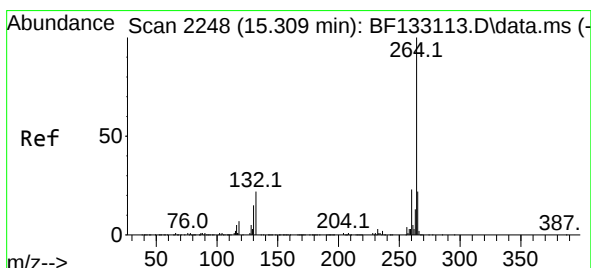
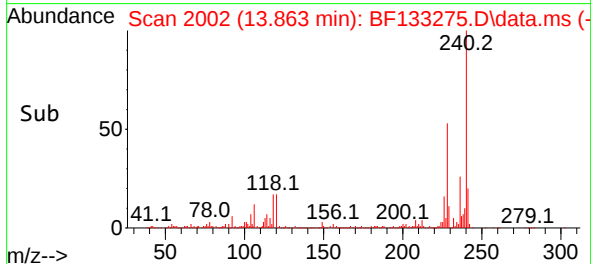
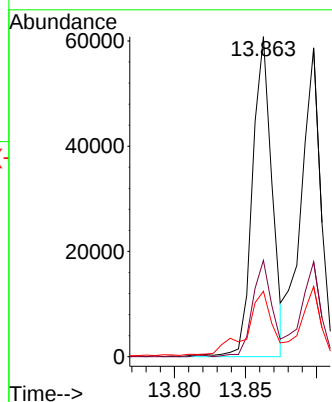
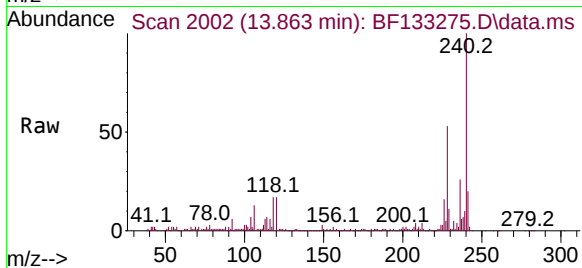
#81
Benzo(a)anthracene
Concen: 2.032 ng
RT: 13.863 min Scan# 2002
Delta R.T. -0.006 min
Lab File: BF133275.D
Acq: 05 May 2023 21:20

Instrument :
BNA_F
ClientSampleId :
WZ-3

Tgt Ion:228 Resp: 5800
Ion Ratio Lower Upper
228 100
226 30.1 22.2 33.4
229 20.5 16.0 24.0

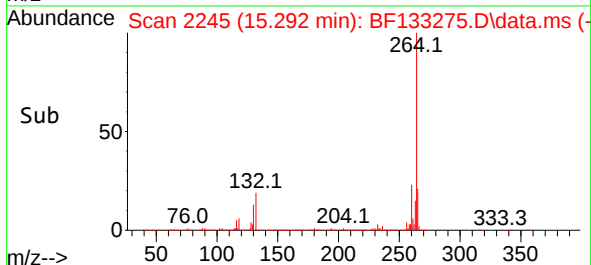
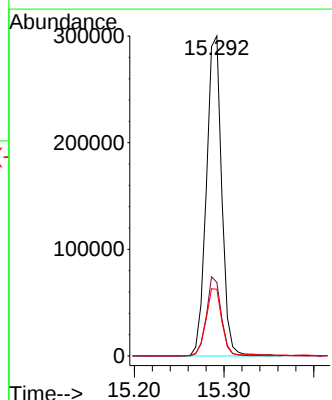
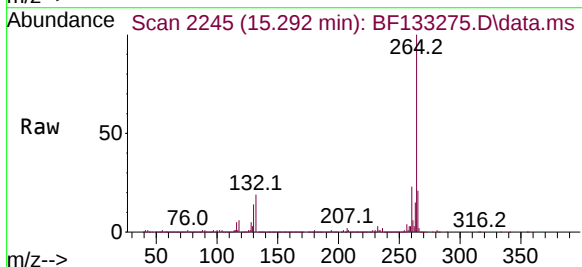
Manual Integrations
APPROVED

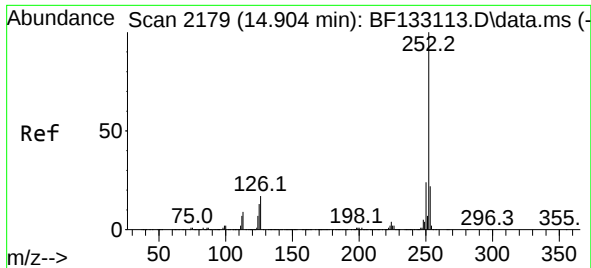
Reviewed By :Christian Giraldo 05/08/2023
Supervised By :Jagrut Upadhyay 05/08/2023



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.292 min Scan# 2245
Delta R.T. 0.000 min
Lab File: BF133275.D
Acq: 05 May 2023 21:20

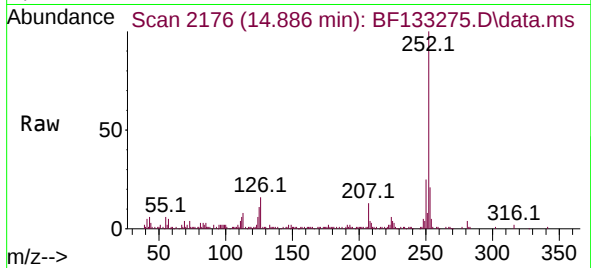
Tgt Ion:264 Resp: 355590
Ion Ratio Lower Upper
264 100
260 23.0 18.8 28.2
265 20.9 17.0 25.4





#88
Benzo(b)fluoranthene
Concen: 2.475 ng m
RT: 14.886 min Scan# 2176
Delta R.T. -0.006 min
Lab File: BF133275.D
Acq: 05 May 2023 21:20

Instrument :
BNA_F
ClientSampleId :
WZ-3



Tgt Ion:252 Resp: 55994
Ion Ratio Lower Upper
252 100
253 20.8 17.6 26.4
125 11.4 8.9 13.3

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 05/08/2023
Supervised By :Jagrut Upadhyay 05/08/2023

