

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042623\
 Data File : BF133088.D
 Acq On : 27 Apr 2023 03:10
 Operator : CG\JU
 Sample : 02423-03 2X
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SPD-1WC-23-04-18

Quant Time: Apr 27 05:13:44 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 27 01:56:03 2023
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Christian Giraldo 04/27/2023
 Supervised By :Jagrut Upadhyay 04/27/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.740	152	333042	20.000	ng	0.00
21) Naphthalene-d8	8.022	136	1278738	20.000	ng	0.00
39) Acenaphthene-d10	9.775	164	574145	20.000	ng	0.00
64) Phenanthrene-d10	11.257	188	894557	20.000	ng	0.00
76) Chrysene-d12	13.892	240	661481	20.000	ng	0.00
86) Perylene-d12	15.316	264	527083	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.340	112	411634	18.671	ng	0.00
7) Phenol-d6	6.375	99	512420	18.726	ng	0.00
23) Nitrobenzene-d5	7.298	82	283891	11.983	ng	0.00
42) 2,4,6-Tribromophenol	10.557	330	74033	12.822	ng	0.00
45) 2-Fluorobiphenyl	9.098	172	548380	15.979	ng	0.00
79) Terphenyl-d14	12.839	244	502270	13.096	ng	0.00
Target Compounds						
75) Fluoranthene	12.463	202	208743	4.326	ng	100
78) Pyrene	12.692	202	199683	3.521	ng	99
88) Benzo(b)fluoranthene	14.904	252	88839m	2.649	ng	

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

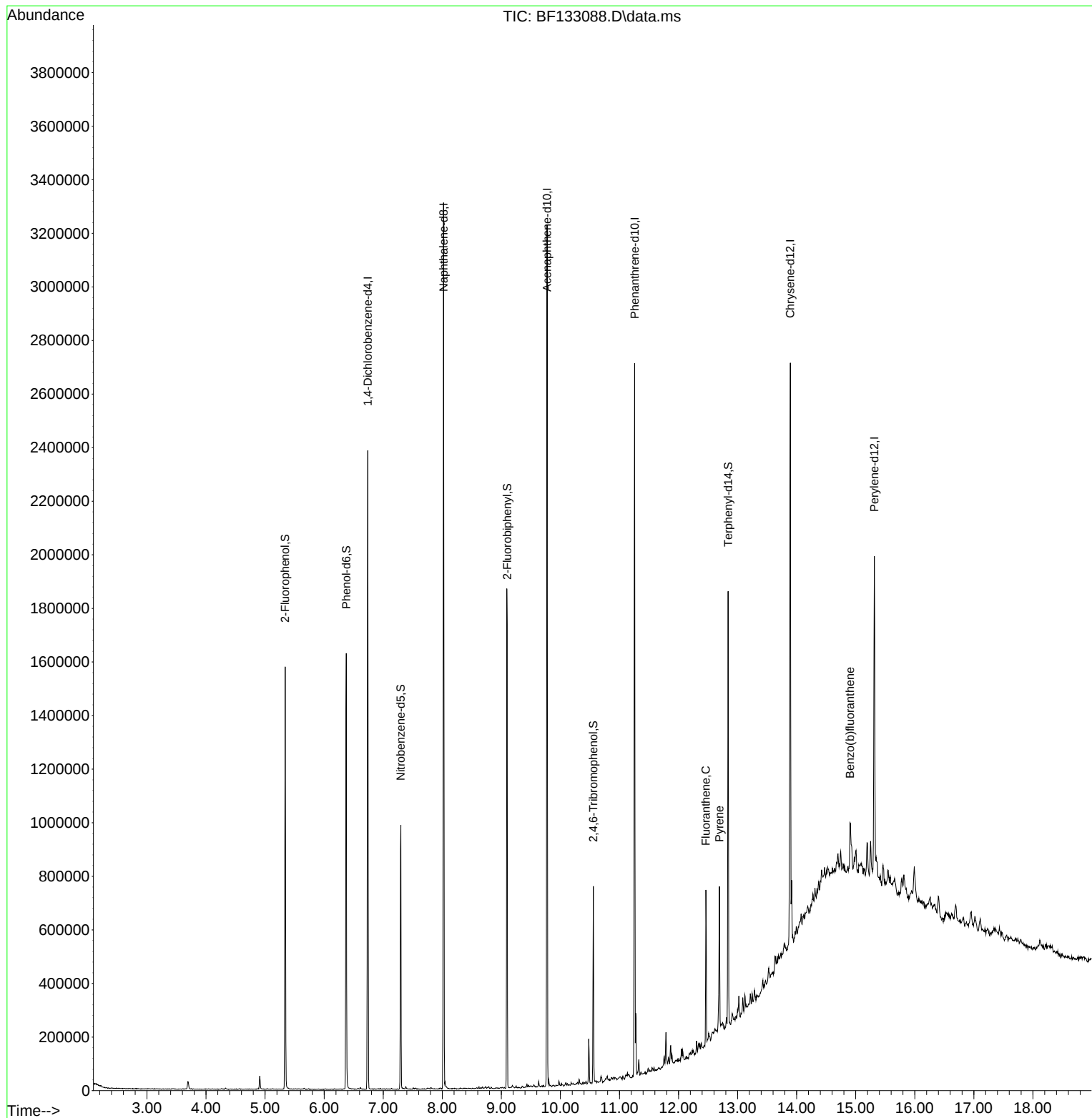
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042623\
Data File : BF133088.D
Acq On : 27 Apr 2023 03:10
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Sample : 02423-03 2X
Misc :
ALS Vial : 24 Sample Multiplier: 1

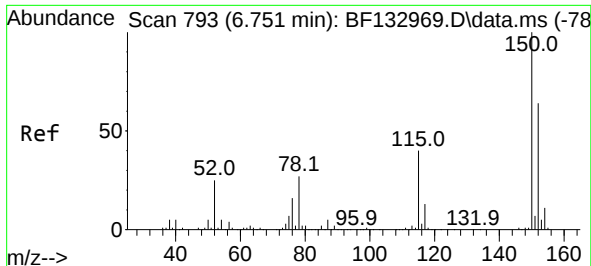
Instrument :
BNA_F
ClientSampleId :
SPD-1WC-23-04-18

Quant Time: Apr 27 05:13:44 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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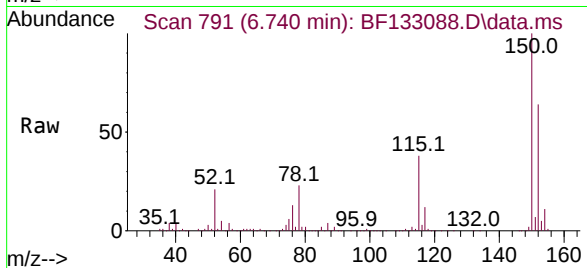
Reviewed By : Christian Giraldo 04/27/2023
Supervised By : Jagrut Upadhyay 04/27/2023





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.740 min Scan# 793
Delta R.T. 0.001 min
Lab File: BF133088.D
Acq: 27 Apr 2023 03:10

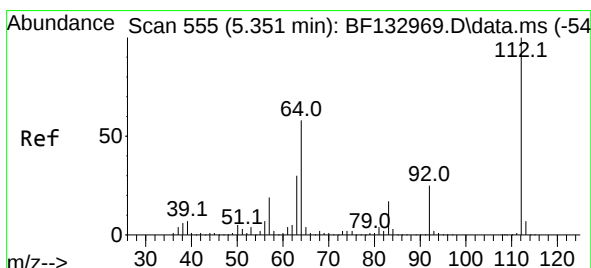
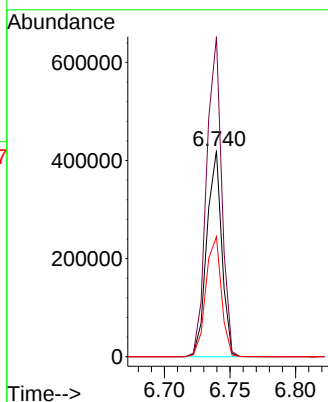
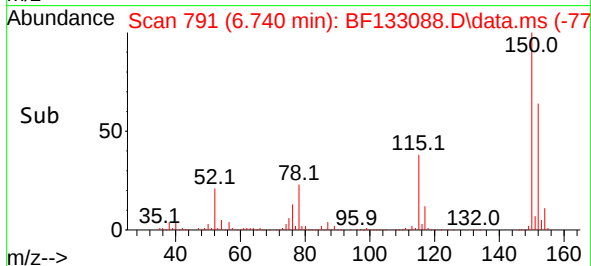
Instrument :
BNA_F
ClientSampleId :
SPD-1WC-23-04-18



Tgt Ion:152 Resp: 33304
Ion Ratio Lower Upper
152 100
150 155.2 124.8 187.2
115 58.2 49.9 74.9

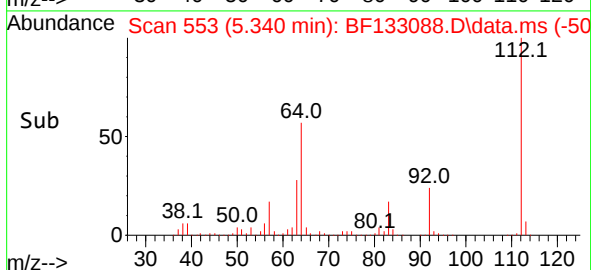
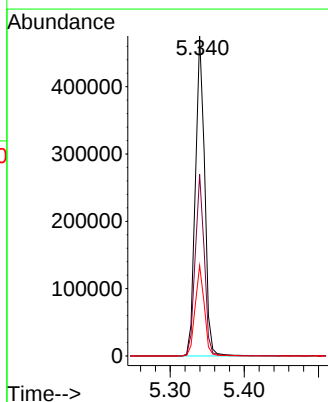
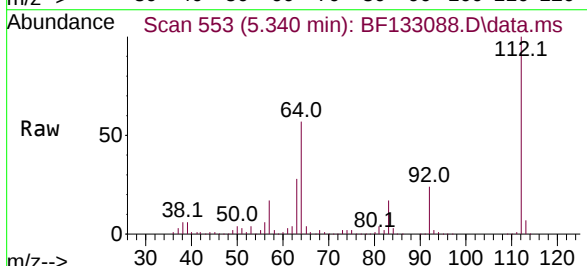
Manual Integrations
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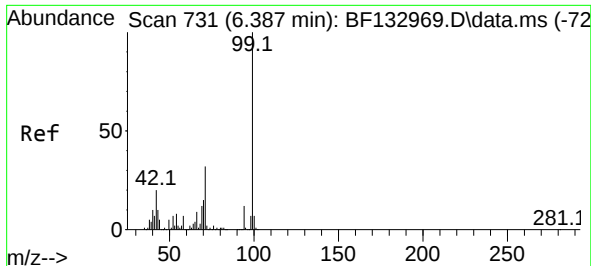
Reviewed By :Christian Giraldo 04/27/2023
Supervised By :Jagrut Upadhyay 04/27/2023



#5
2-Fluorophenol
Concen: 18.671 ng
RT: 5.340 min Scan# 553
Delta R.T. 0.000 min
Lab File: BF133088.D
Acq: 27 Apr 2023 03:10

Tgt Ion:112 Resp: 411634
Ion Ratio Lower Upper
112 100
64 56.8 46.8 70.2
63 28.3 23.8 35.8





#7

Phenol-d6

Concen: 18.726 ng

RT: 6.375 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF133088.D

Acq: 27 Apr 2023 03:10

Instrument :

BNA_F

ClientSampleId :

SPD-1WC-23-04-18

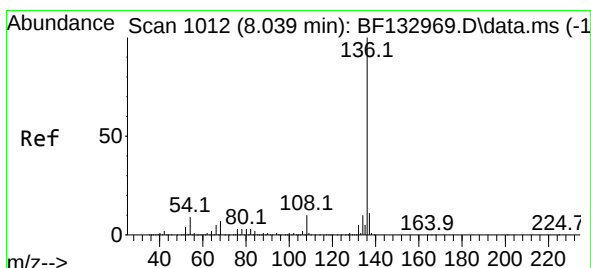
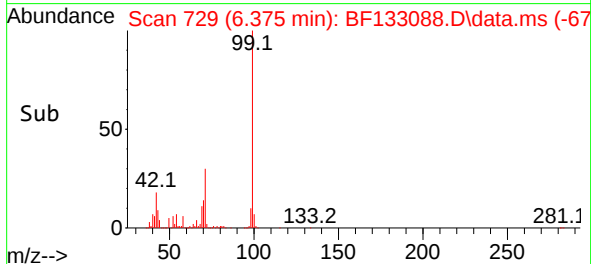
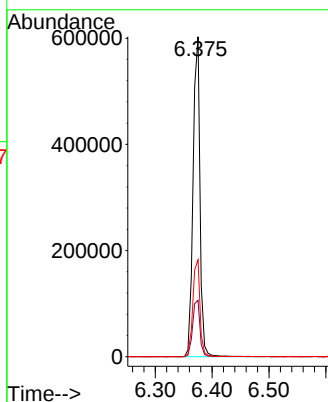
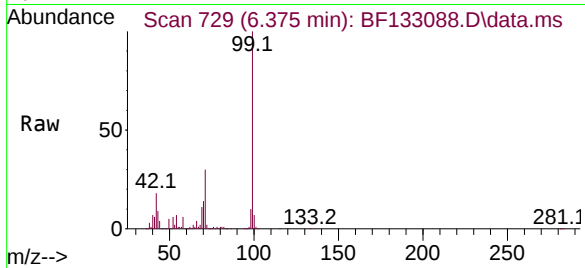
Tgt Ion: 99 Resp: 512420

Ion	Ratio	Lower	Upper
99	100		
42	17.6	16.3	24.5
71	30.3	25.6	38.4

Manual Integrations

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#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.022 min Scan# 1009

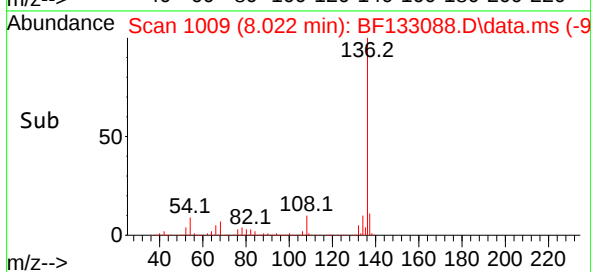
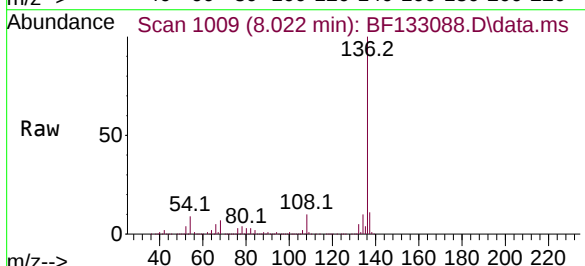
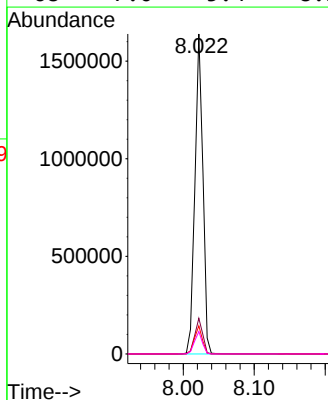
Delta R.T. 0.000 min

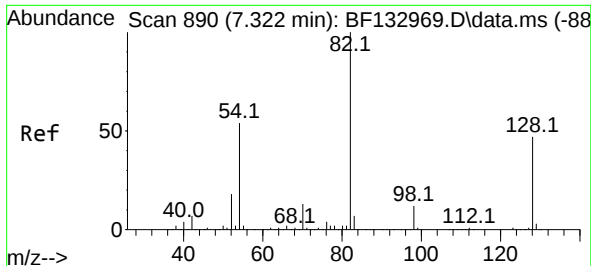
Lab File: BF133088.D

Acq: 27 Apr 2023 03:10

Tgt Ion:136 Resp: 1278738

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.6	13.0
54	8.8	7.0	10.4
68	7.0	5.4	8.2





#23

Nitrobenzene-d5

Concen: 11.983 ng

RT: 7.298 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF133088.D

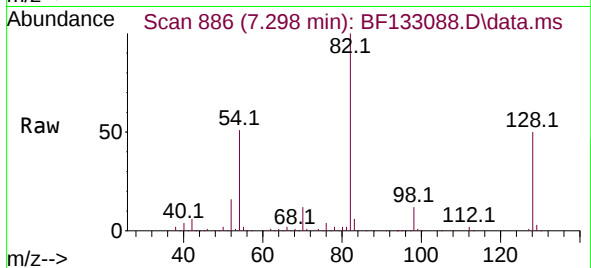
Acq: 27 Apr 2023 03:10

Instrument :

BNA_F

ClientSampleId :

SPD-1WC-23-04-18



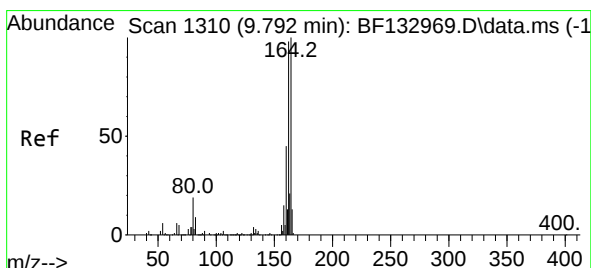
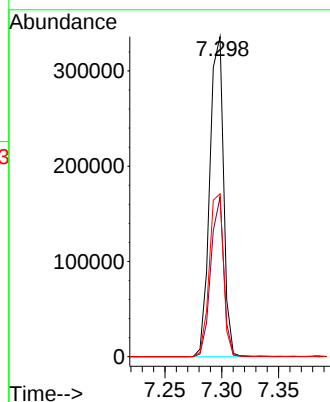
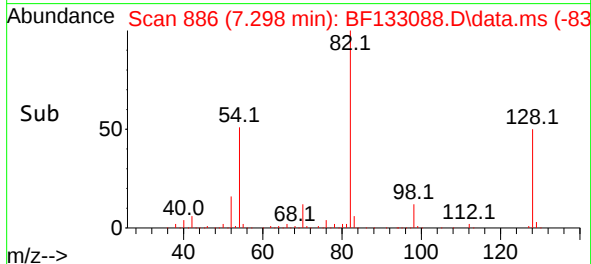
Tgt Ion: 82 Resp: 28389

Ion	Ratio	Lower	Upper
82	100		
128	49.8	37.7	56.5
54	50.9	43.0	64.4

Manual Integrations

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#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.775 min Scan# 1307

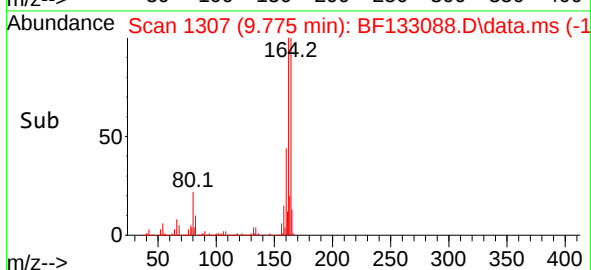
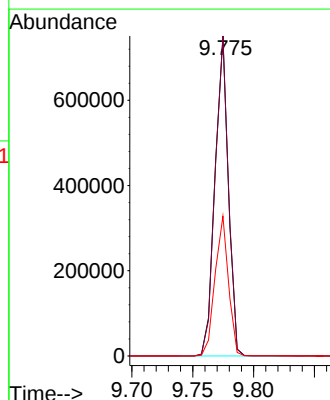
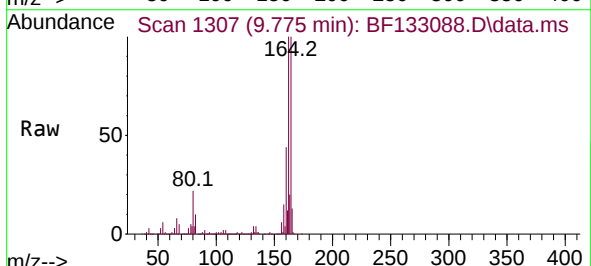
Delta R.T. 0.000 min

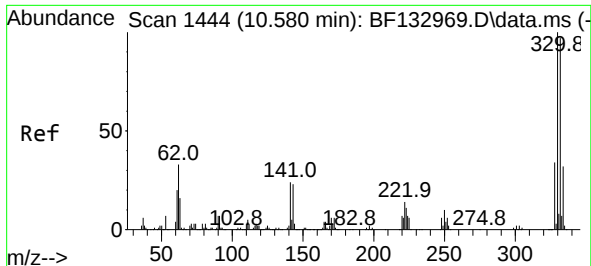
Lab File: BF133088.D

Acq: 27 Apr 2023 03:10

Tgt Ion:164 Resp: 574145

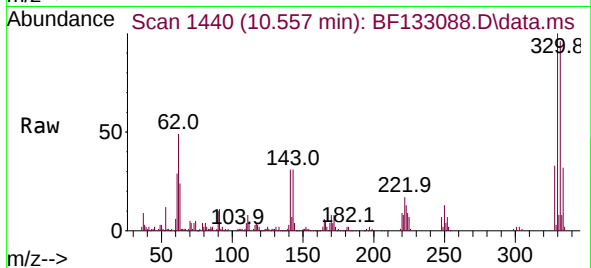
Ion	Ratio	Lower	Upper
164	100		
162	100.0	78.7	118.1
160	43.7	35.8	53.6





#42
2,4,6-Tribromophenol
Concen: 12.822 ng
RT: 10.557 min Scan# 1440
Delta R.T. -0.006 min
Lab File: BF133088.D
Acq: 27 Apr 2023 03:10

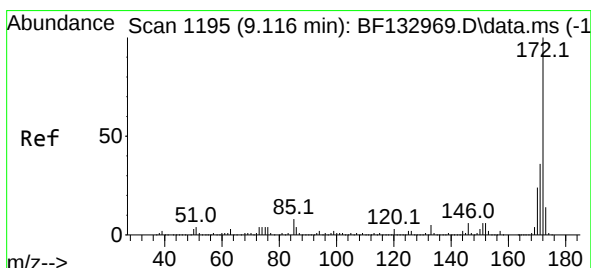
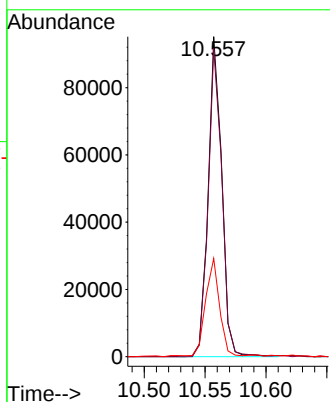
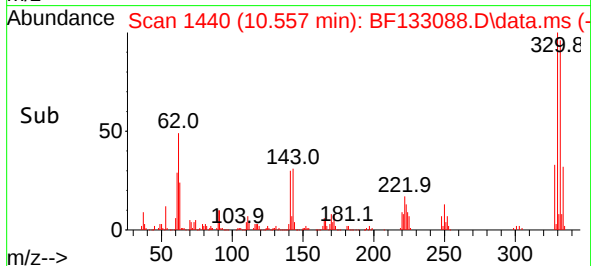
Instrument :
BNA_F
ClientSampleId :
SPD-1WC-23-04-18



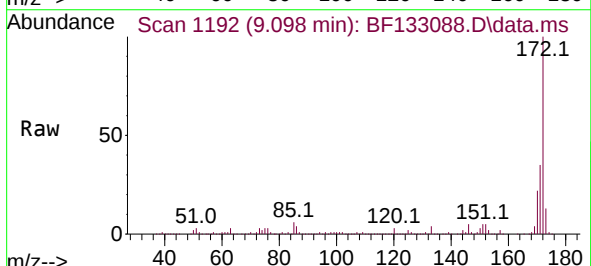
Tgt Ion:330 Resp: 7403
Ion Ratio Lower Upper
330 100
332 96.8 77.1 115.7
141 32.0 25.8 38.8

Manual Integrations
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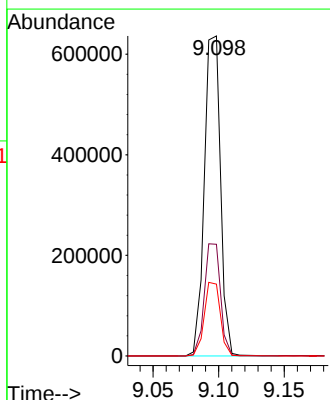
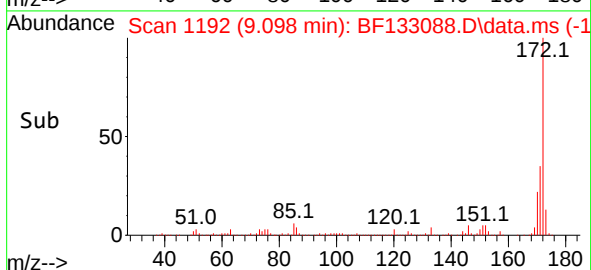
Reviewed By :Christian Giraldo 04/27/2023
Supervised By :Jagrut Upadhyay 04/27/2023

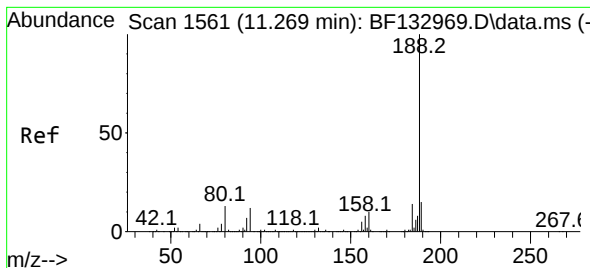


#45
2-Fluorobiphenyl
Concen: 15.979 ng
RT: 9.098 min Scan# 1192
Delta R.T. 0.000 min
Lab File: BF133088.D
Acq: 27 Apr 2023 03:10



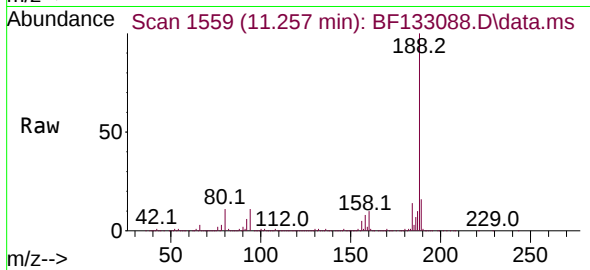
Tgt Ion:172 Resp: 548380
Ion Ratio Lower Upper
172 100
171 34.9 28.8 43.2
170 22.5 19.4 29.2





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.257 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF133088.D
Acq: 27 Apr 2023 03:10

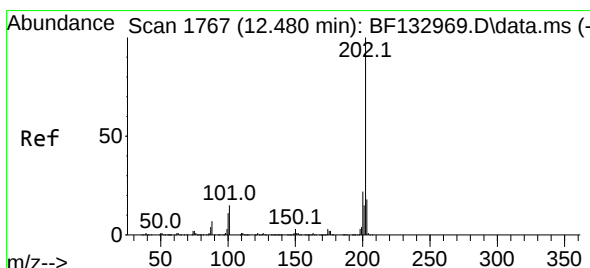
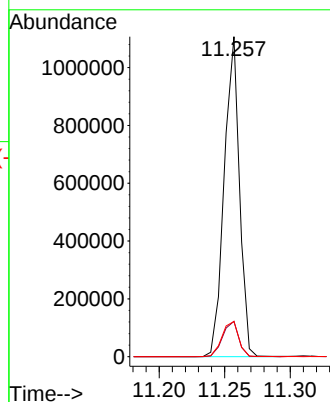
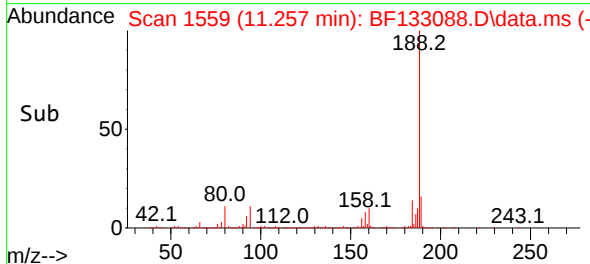
Instrument :
BNA_F
ClientSampleId :
SPD-1WC-23-04-18



Tgt Ion:188 Resp: 89455
Ion Ratio Lower Upper
188 100
94 11.1 9.7 14.5
80 11.0 10.4 15.6

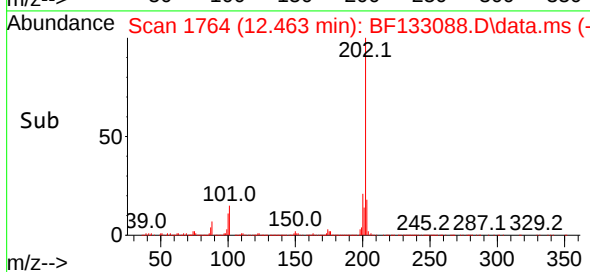
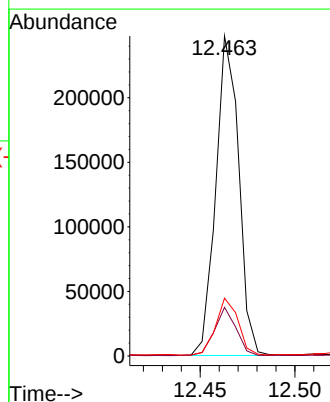
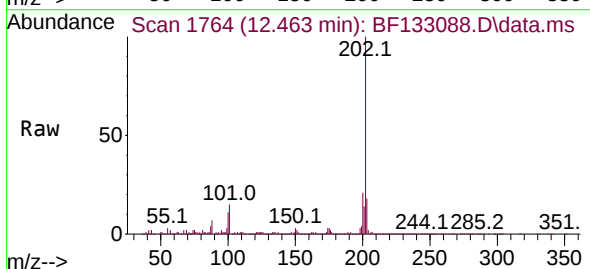
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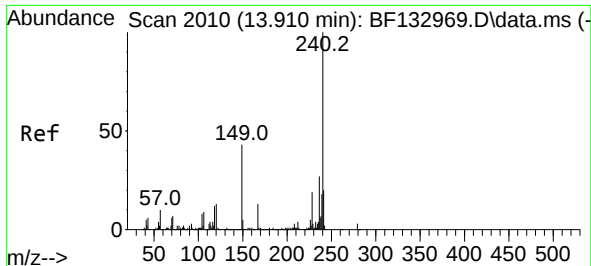
Reviewed By :Christian Giraldo 04/27/2023
Supervised By :Jagrut Upadhyay 04/27/2023



#75
Fluoranthene
Concen: 4.326 ng
RT: 12.463 min Scan# 1764
Delta R.T. 0.000 min
Lab File: BF133088.D
Acq: 27 Apr 2023 03:10

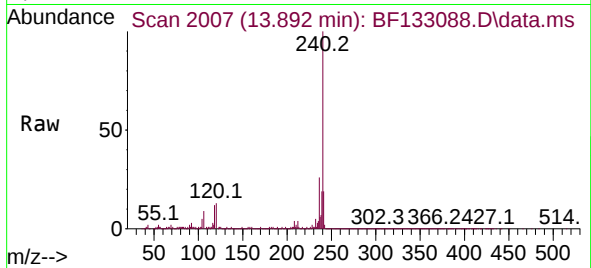
Tgt Ion:202 Resp: 208743
Ion Ratio Lower Upper
202 100
101 15.2 0.0 35.3
203 18.0 0.0 38.1





#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.892 min Scan# 2010
Delta R.T. 0.000 min
Lab File: BF133088.D
Acq: 27 Apr 2023 03:10

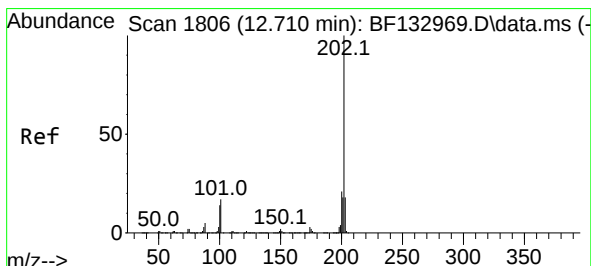
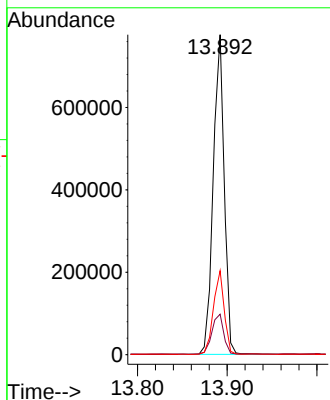
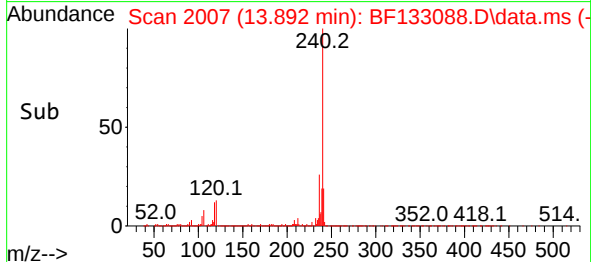
Instrument :
BNA_F
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SPD-1WC-23-04-18



Tgt Ion:240 Resp: 66148
Ion Ratio Lower Upper
240 100
120 12.7 10.5 15.7
236 26.3 21.5 32.3

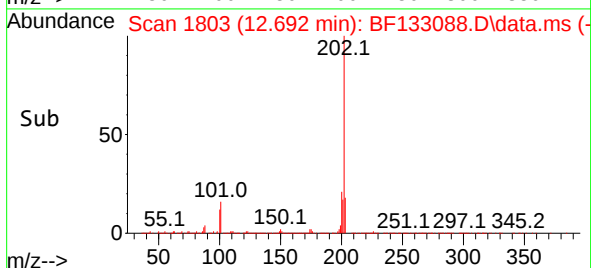
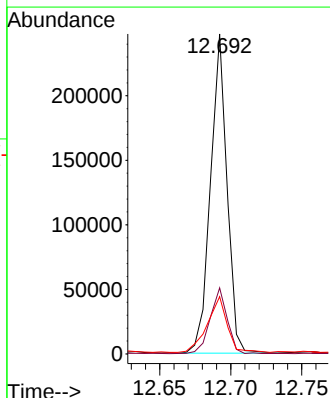
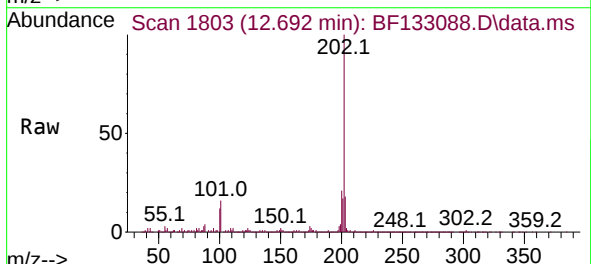
Manual Integrations
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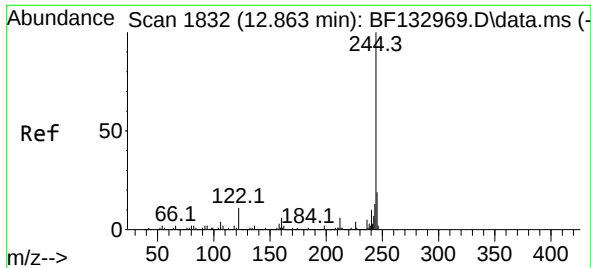
Reviewed By :Christian Giraldo 04/27/2023
Supervised By :Jagrut Upadhyay 04/27/2023



#78
Pyrene
Concen: 3.521 ng
RT: 12.692 min Scan# 1803
Delta R.T. 0.000 min
Lab File: BF133088.D
Acq: 27 Apr 2023 03:10

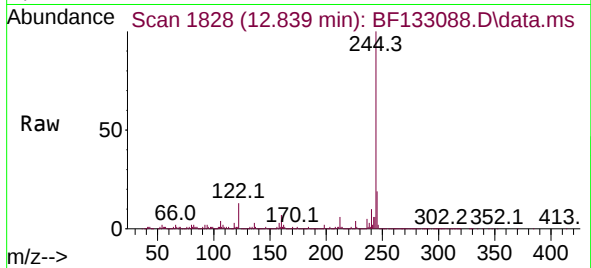
Tgt Ion:202 Resp: 199683
Ion Ratio Lower Upper
202 100
200 20.7 17.1 25.7
203 17.9 14.1 21.1





#79
Terphenyl-d14
Concen: 13.096 ng
RT: 12.839 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF133088.D
Acq: 27 Apr 2023 03:10

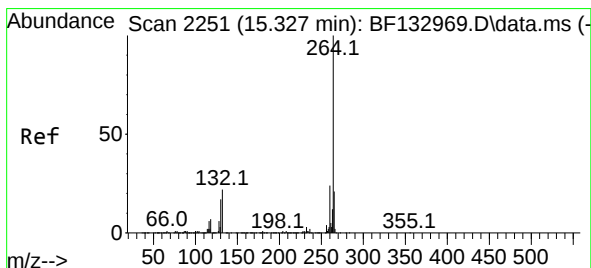
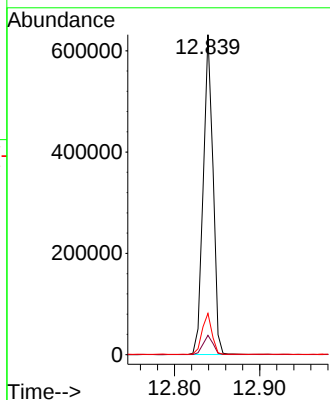
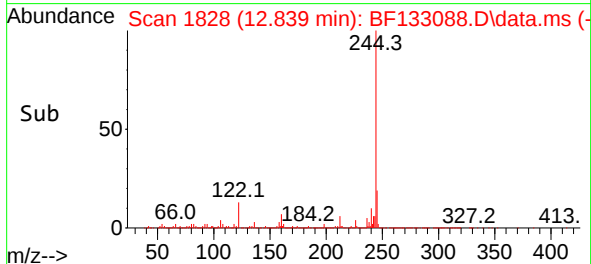
Instrument :
BNA_F
ClientSampleId :
SPD-1WC-23-04-18



Tgt Ion:244 Resp: 502270
Ion Ratio Lower Upper
244 100
212 6.0 5.1 7.7
122 12.9 8.6 13.0

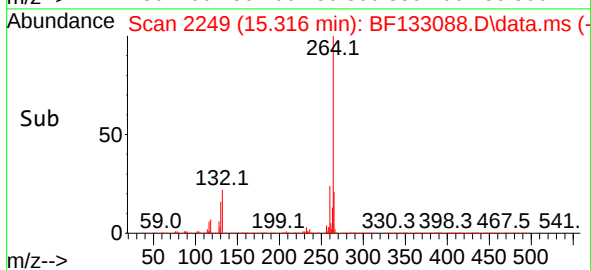
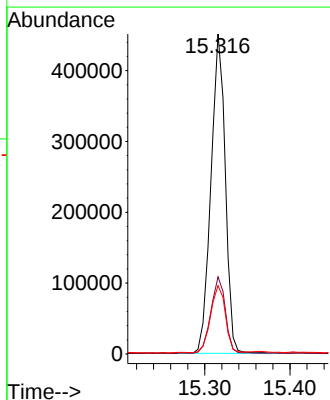
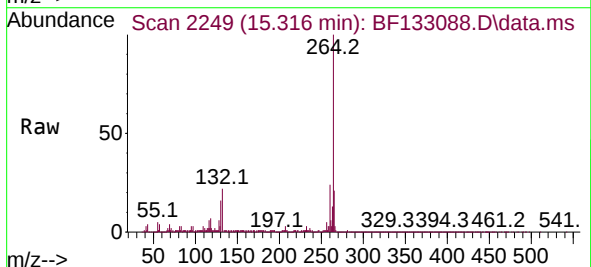
Manual Integrations
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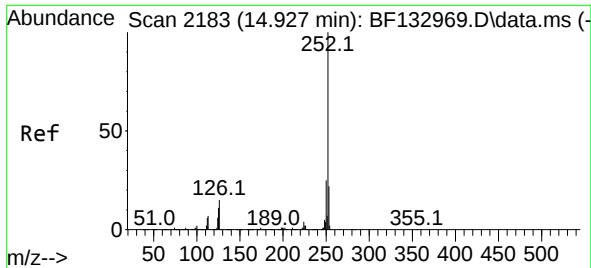
Reviewed By :Christian Giraldo 04/27/2023
Supervised By :Jagrut Upadhyay 04/27/2023



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.316 min Scan# 2249
Delta R.T. 0.012 min
Lab File: BF133088.D
Acq: 27 Apr 2023 03:10

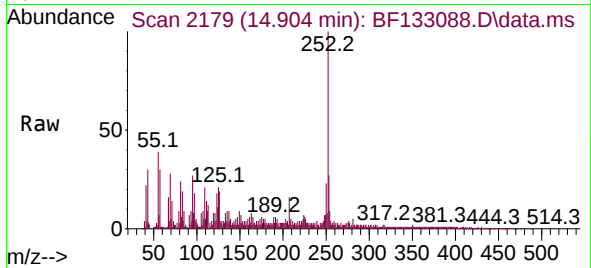
Tgt Ion:264 Resp: 527083
Ion Ratio Lower Upper
264 100
260 24.1 18.8 28.2
265 21.4 17.0 25.4





#88
Benzo(b)fluoranthene
Concen: 2.649 ng m
RT: 14.904 min Scan# 2183
Delta R.T. 0.000 min
Lab File: BF133088.D
Acq: 27 Apr 2023 03:10

Instrument :
BNA_F
ClientSampleId :
SPD-1WC-23-04-18



Tgt Ion:252 Resp: 88839
Ion Ratio Lower Upper
252 100
253 27.1 17.6 26.4
125 20.8 8.9 13.3

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 04/27/2023
Supervised By :Jagrut Upadhyay 04/27/2023

