

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042423\
 Data File : BF133006.D
 Acq On : 24 Apr 2023 20:52
 Operator : CG\JU
 Sample : 02471-02RE
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EFF-WWRE

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 04/25/2023
 Supervised By : Jagrut Upadhyay 04/25/2023

Quant Time: Apr 25 02:11:58 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Apr 22 03:30:56 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.745	152	213604	20.000	ng	0.00
21) Naphthalene-d8	8.033	136	869742	20.000	ng	0.00
39) Acenaphthene-d10	9.780	164	446706	20.000	ng	-0.01
64) Phenanthrene-d10	11.263	188	823386	20.000	ng	0.00
76) Chrysene-d12	13.898	240	579827	20.000	ng	-0.01
86) Perylene-d12	15.321	264	479200	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.357	112	632040	44.698	ng	0.00
7) Phenol-d6	6.463	99	495822m	28.250	ng	0.08
23) Nitrobenzene-d5	7.316	82	1426929	88.556	ng	0.00
42) 2,4,6-Tribromophenol	10.574	330	432351	96.239	ng	0.00
45) 2-Fluorobiphenyl	9.110	172	2279915	85.387	ng	0.00
79) Terphenyl-d14	12.857	244	2776151	82.575	ng	0.00

Target Compounds Qvalue

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

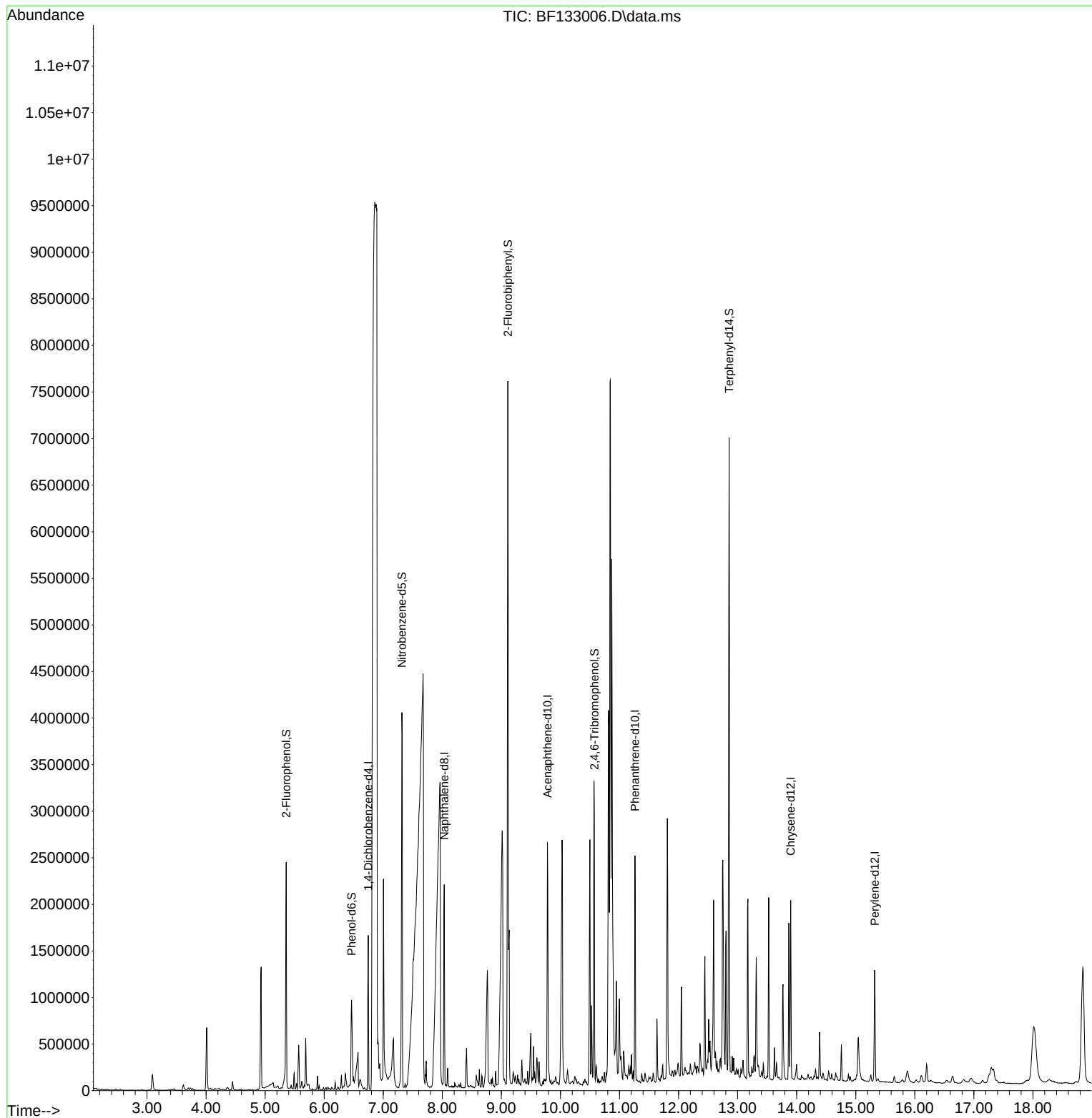
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042423\
Data File : BF133006.D
Acq On : 24 Apr 2023 20:52
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ALS Vial : 8 Sample Multiplier: 1

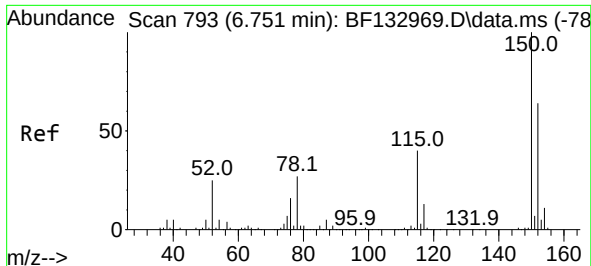
Instrument :
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Quant Time: Apr 25 02:11:58 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
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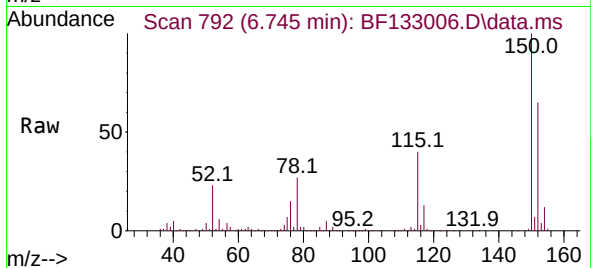
Reviewed By :Christian Giraldo 04/25/2023
Supervised By :Jagrut Upadhyay 04/25/2023





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.745 min Scan# 793
Delta R.T. -0.006 min
Lab File: BF133006.D
Acq: 24 Apr 2023 20:52

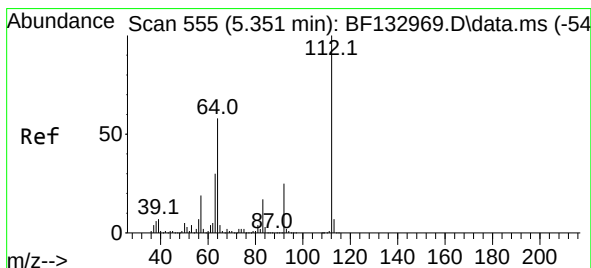
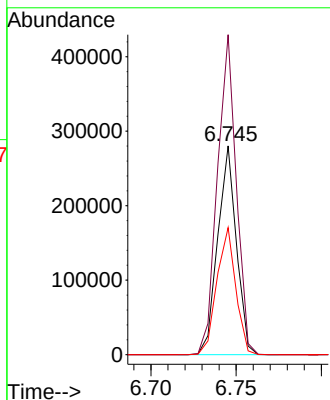
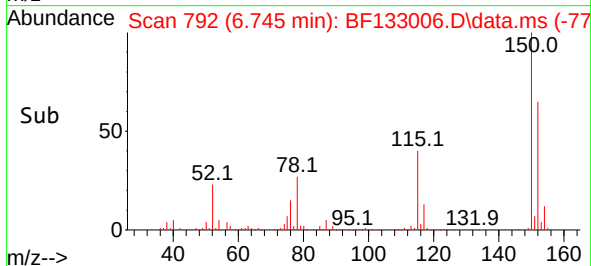
Instrument :
BNA_F
ClientSampleId :
EFF-WWRE



Tgt Ion:152 Resp: 213604
Ion Ratio Lower Upper
152 100
150 153.2 124.8 187.2
115 60.8 49.9 74.9

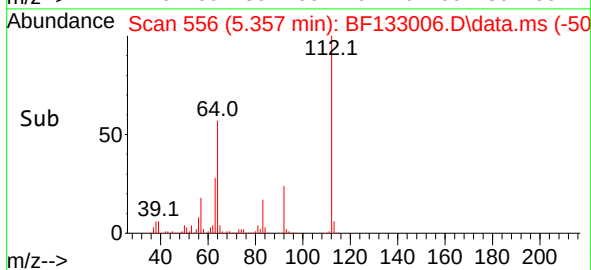
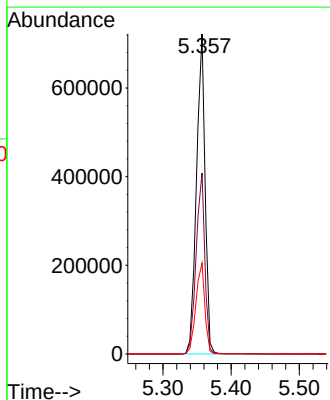
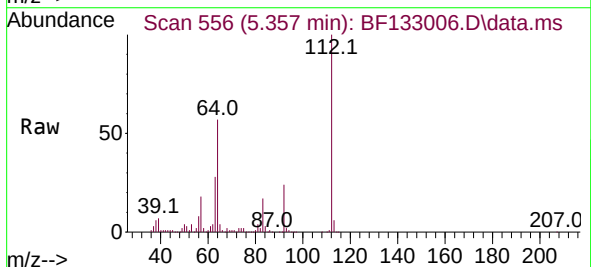
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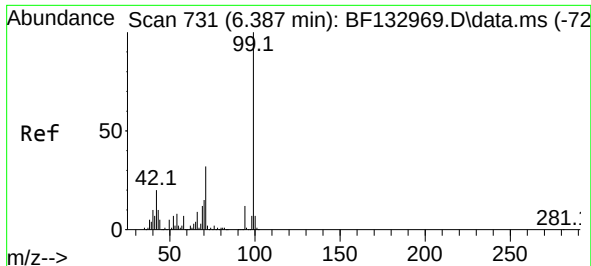
Reviewed By :Christian Giraldo 04/25/2023
Supervised By :Jagrut Upadhyay 04/25/2023



#5
2-Fluorophenol
Concen: 44.698 ng
RT: 5.357 min Scan# 556
Delta R.T. 0.006 min
Lab File: BF133006.D
Acq: 24 Apr 2023 20:52

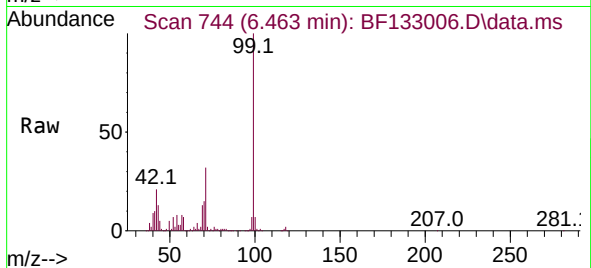
Tgt Ion:112 Resp: 632040
Ion Ratio Lower Upper
112 100
64 56.5 46.8 70.2
63 28.4 23.8 35.8





#7
Phenol-d6
Concen: 28.250 ng m
RT: 6.463 min Scan# 74
Delta R.T. 0.076 min
Lab File: BF133006.D
Acq: 24 Apr 2023 20:52

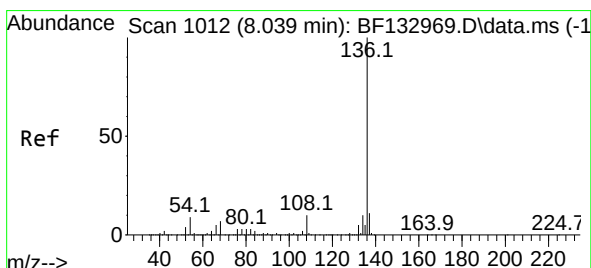
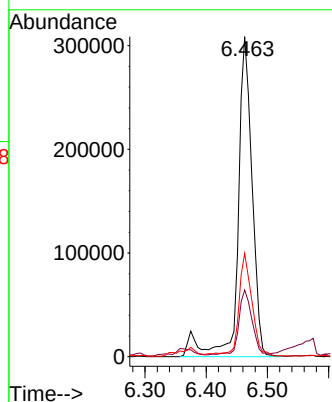
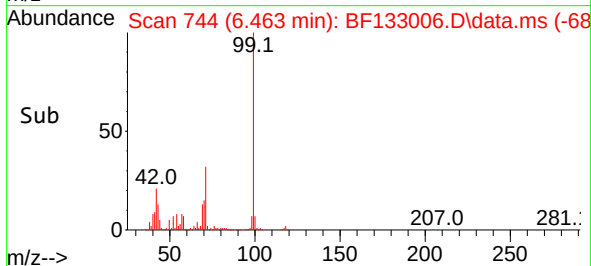
Instrument :
BNA_F
ClientSampleId :
EFF-WWRE



Tgt Ion: 99 Resp: 49582
Ion Ratio Lower Upper
99 100
42 20.8 16.3 24.5
71 32.3 25.6 38.4

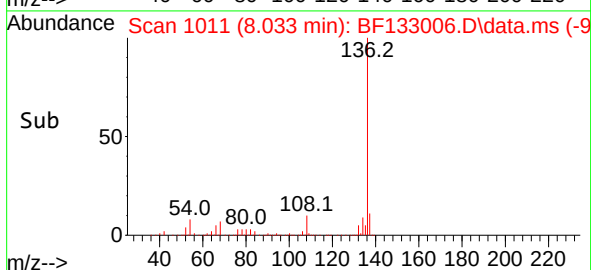
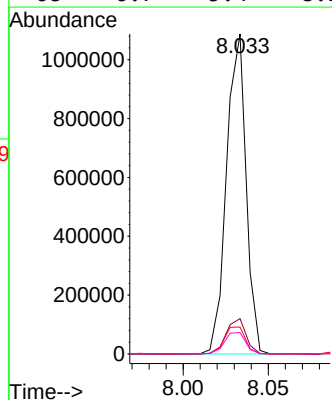
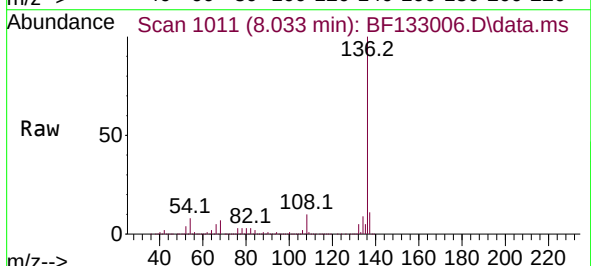
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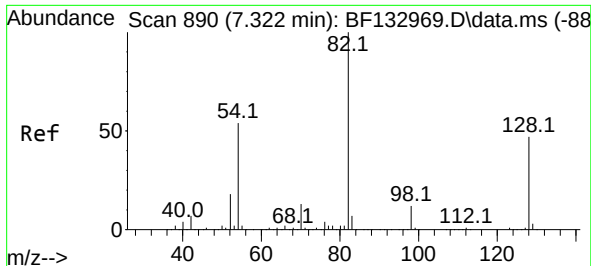
Reviewed By :Christian Giraldo 04/25/2023
Supervised By :Jagrut Upadhyay 04/25/2023



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.033 min Scan# 1011
Delta R.T. -0.006 min
Lab File: BF133006.D
Acq: 24 Apr 2023 20:52

Tgt Ion:136 Resp: 869742
Ion Ratio Lower Upper
136 100
137 11.0 8.6 13.0
54 8.4 7.0 10.4
68 6.7 5.4 8.2





#23

Nitrobenzene-d5

Concen: 88.556 ng

RT: 7.316 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF133006.D

Acq: 24 Apr 2023 20:52

Instrument :

BNA_F

ClientSampleId :

EFF-WWRE

Tgt Ion: 82 Resp: 1426929

Ion Ratio Lower Upper

82 100

128 45.7 37.7 56.5

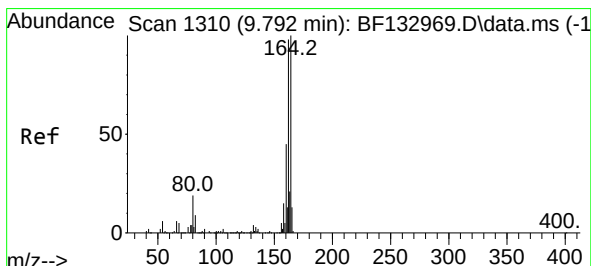
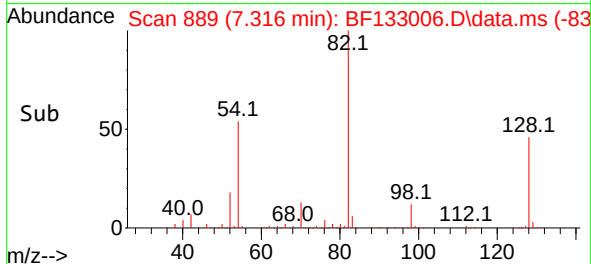
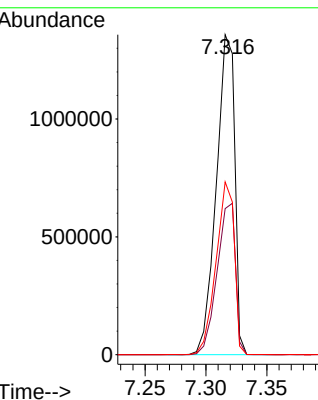
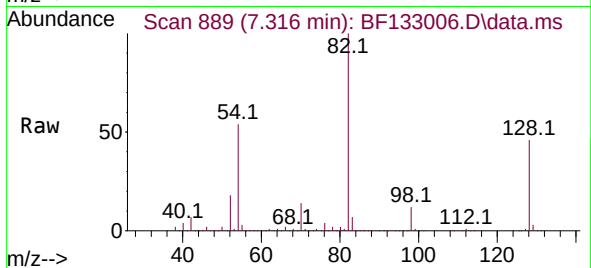
54 54.0 43.0 64.4

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#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.780 min Scan# 1308

Delta R.T. -0.012 min

Lab File: BF133006.D

Acq: 24 Apr 2023 20:52

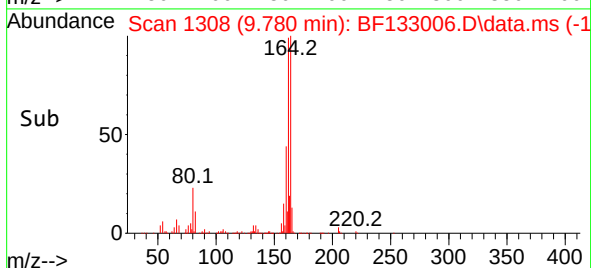
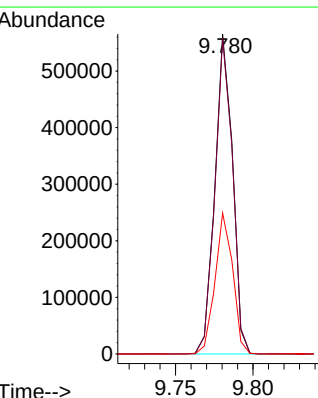
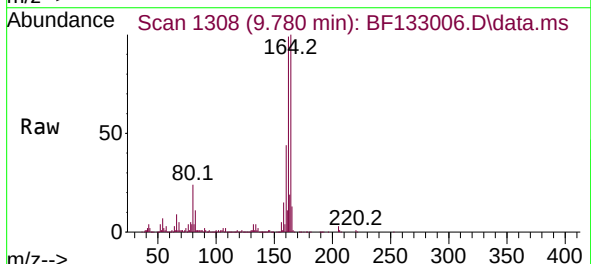
Tgt Ion:164 Resp: 446706

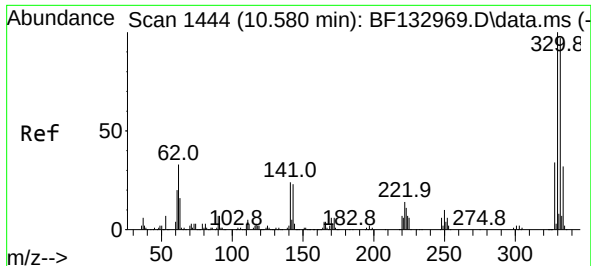
Ion Ratio Lower Upper

164 100

162 98.6 78.7 118.1

160 44.0 35.8 53.6





#42
2,4,6-Tribromophenol
Concen: 96.239 ng
RT: 10.574 min Scan# 1444
Delta R.T. -0.006 min
Lab File: BF133006.D
Acq: 24 Apr 2023 20:52

Instrument :

BNA_F

ClientSampleId :

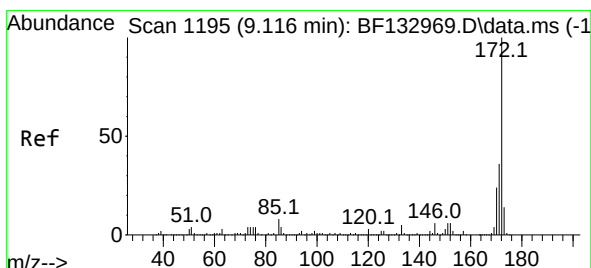
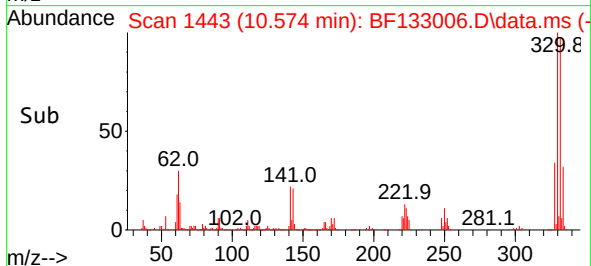
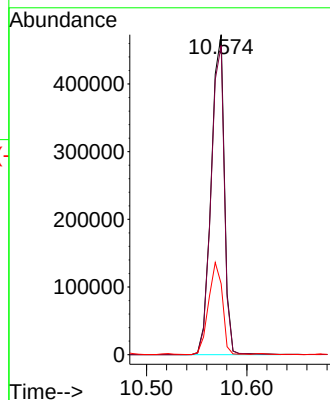
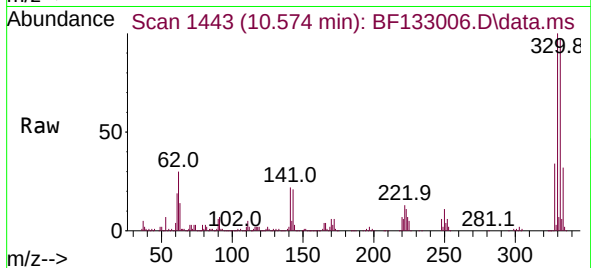
EFF-WWRE

Tgt Ion:330 Resp: 43235
Ion Ratio Lower Upper
330 100
332 97.1 77.1 115.7
141 30.1 25.8 38.8

Manual Integrations

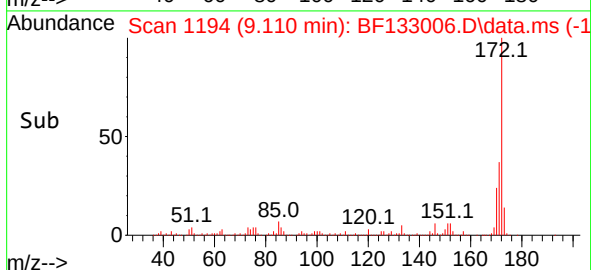
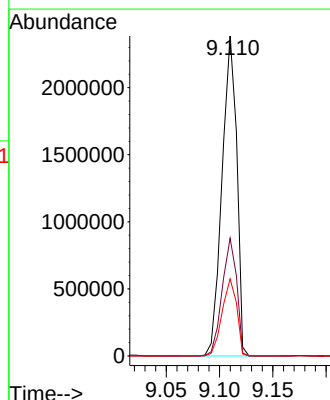
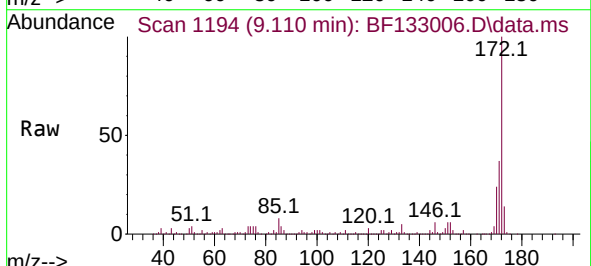
APPROVED

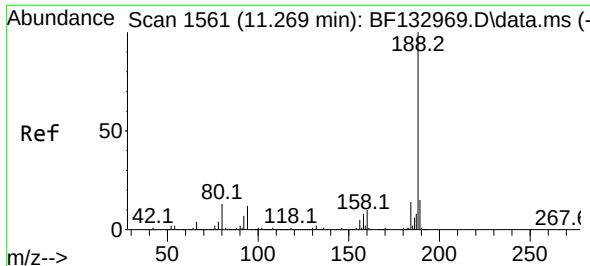
Reviewed By :Christian Giraldo 04/25/2023
Supervised By :Jagrut Upadhyay 04/25/2023



#45
2-Fluorobiphenyl
Concen: 85.387 ng
RT: 9.110 min Scan# 1194
Delta R.T. -0.006 min
Lab File: BF133006.D
Acq: 24 Apr 2023 20:52

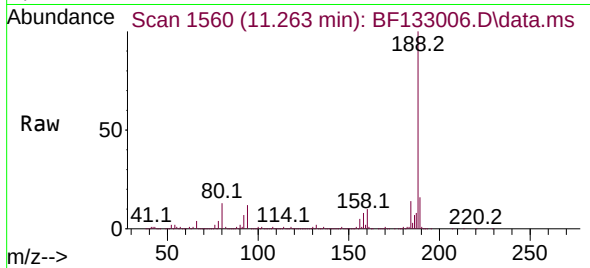
Tgt Ion:172 Resp: 2279915
Ion Ratio Lower Upper
172 100
171 36.8 28.8 43.2
170 24.1 19.4 29.2





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.263 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF133006.D
Acq: 24 Apr 2023 20:52

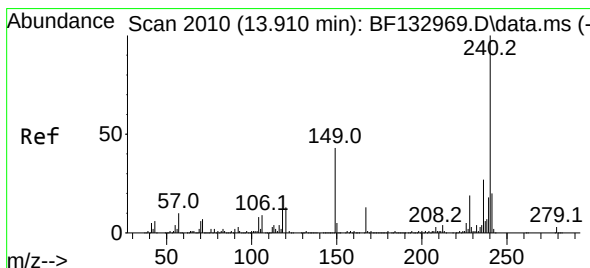
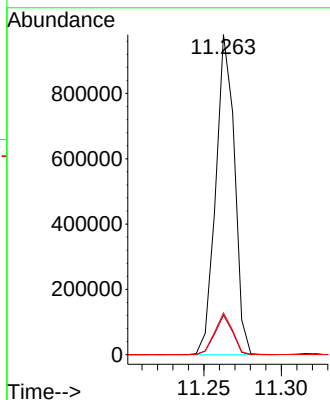
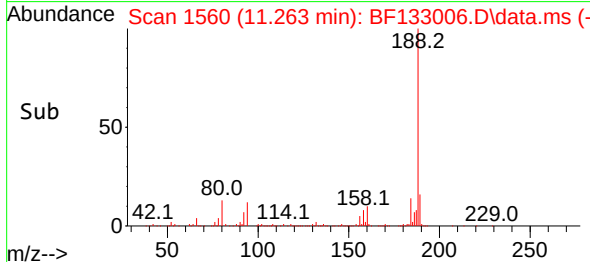
Instrument :
BNA_F
ClientSampleId :
EFF-WWRE



Tgt Ion:188 Resp: 823380
Ion Ratio Lower Upper
188 100
94 12.3 9.7 14.5
80 13.1 10.4 15.6

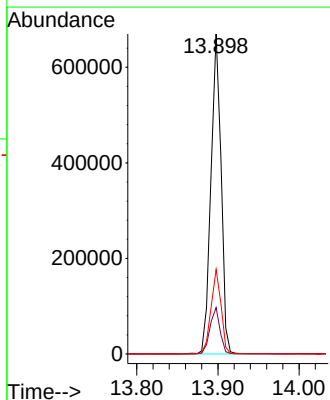
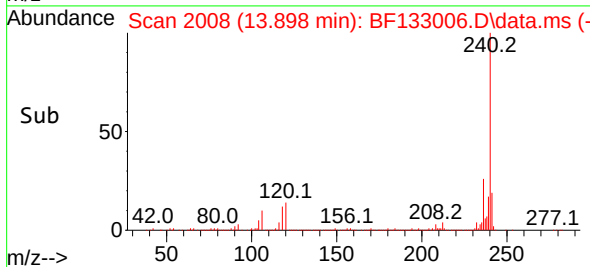
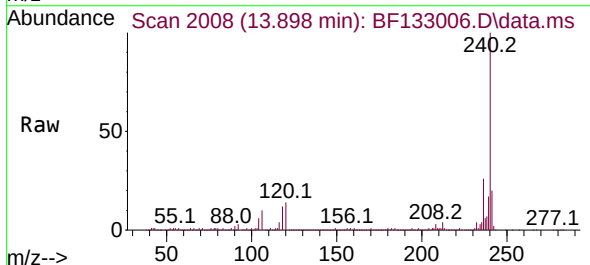
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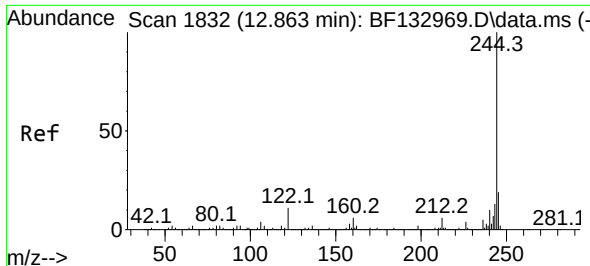
Reviewed By :Christian Giraldo 04/25/2023
Supervised By :Jagrut Upadhyay 04/25/2023



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.898 min Scan# 2008
Delta R.T. -0.012 min
Lab File: BF133006.D
Acq: 24 Apr 2023 20:52

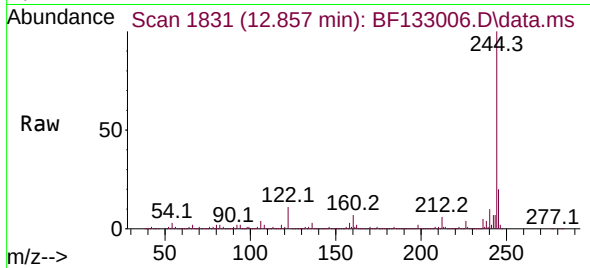
Tgt Ion:240 Resp: 579827
Ion Ratio Lower Upper
240 100
120 14.5 10.5 15.7
236 26.4 21.5 32.3





#79
Terphenyl-d14
Concen: 82.575 ng
RT: 12.857 min Scan# 1831
Delta R.T. -0.006 min
Lab File: BF133006.D
Acq: 24 Apr 2023 20:52

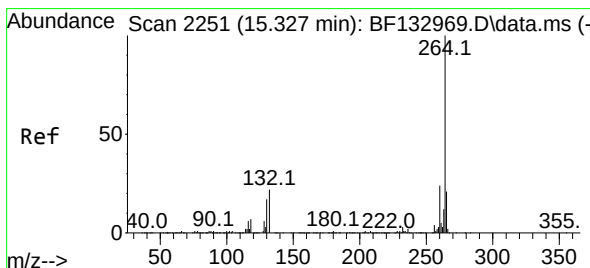
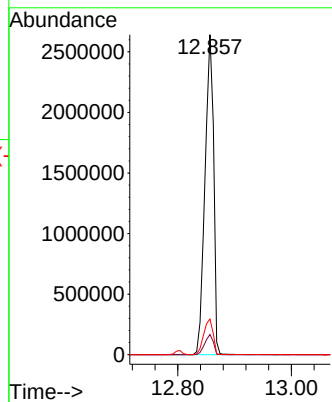
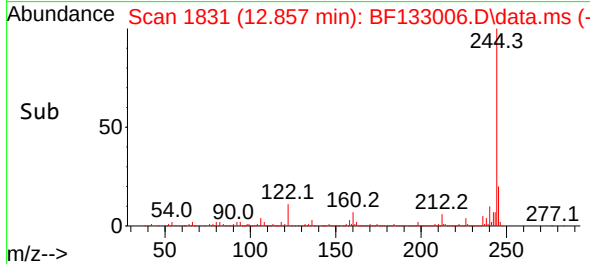
Instrument :
BNA_F
ClientSampleId :
EFF-WWRE



Tgt Ion:244 Resp: 277615
Ion Ratio Lower Upper
244 100
212 6.3 5.1 7.7
122 11.1 8.6 13.0

Manual Integrations
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Supervised By :Jagrut Upadhyay 04/25/2023



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.321 min Scan# 2250
Delta R.T. -0.006 min
Lab File: BF133006.D
Acq: 24 Apr 2023 20:52

Tgt Ion:264 Resp: 479200
Ion Ratio Lower Upper
264 100
260 24.1 18.8 28.2
265 21.4 17.0 25.4

