

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030823\
 Data File : BF132708.D
 Acq On : 09 Mar 2023 00:44
 Operator : CG\JU
 Sample : 01829-05
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SS-05-20230306

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 03/09/2023
 Supervised By : Jagrut Upadhyay 03/09/2023

Quant Time: Mar 09 04:03:13 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 07 13:42:31 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.992	152	153793	20.000	ng	0.00
21) Naphthalene-d8	8.275	136	519045	20.000	ng	0.00
39) Acenaphthene-d10	10.039	164	248538	20.000	ng	0.00
64) Phenanthrene-d10	11.533	188	465157	20.000	ng	0.00
76) Chrysene-d12	14.198	240	207286	20.000	ng	0.00
86) Perylene-d12	15.751	264	177549	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.628	112	860637	90.823	ng	0.01
7) Phenol-d6	6.628	99	1041836	84.243	ng	0.00
23) Nitrobenzene-d5	7.551	82	553500	50.594	ng	-0.01
42) 2,4,6-Tribromophenol	10.833	330	156721	58.389	ng	0.00
45) 2-Fluorobiphenyl	9.351	172	1143656	70.066	ng	0.00
79) Terphenyl-d14	13.127	244	1026113	83.696	ng	0.00
Target Compounds						
78) Pyrene	12.992	202	39527	2.097	ng	Qvalue # 95
88) Benzo(b)fluoranthene	15.286	252	25726m	2.162	ng	

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

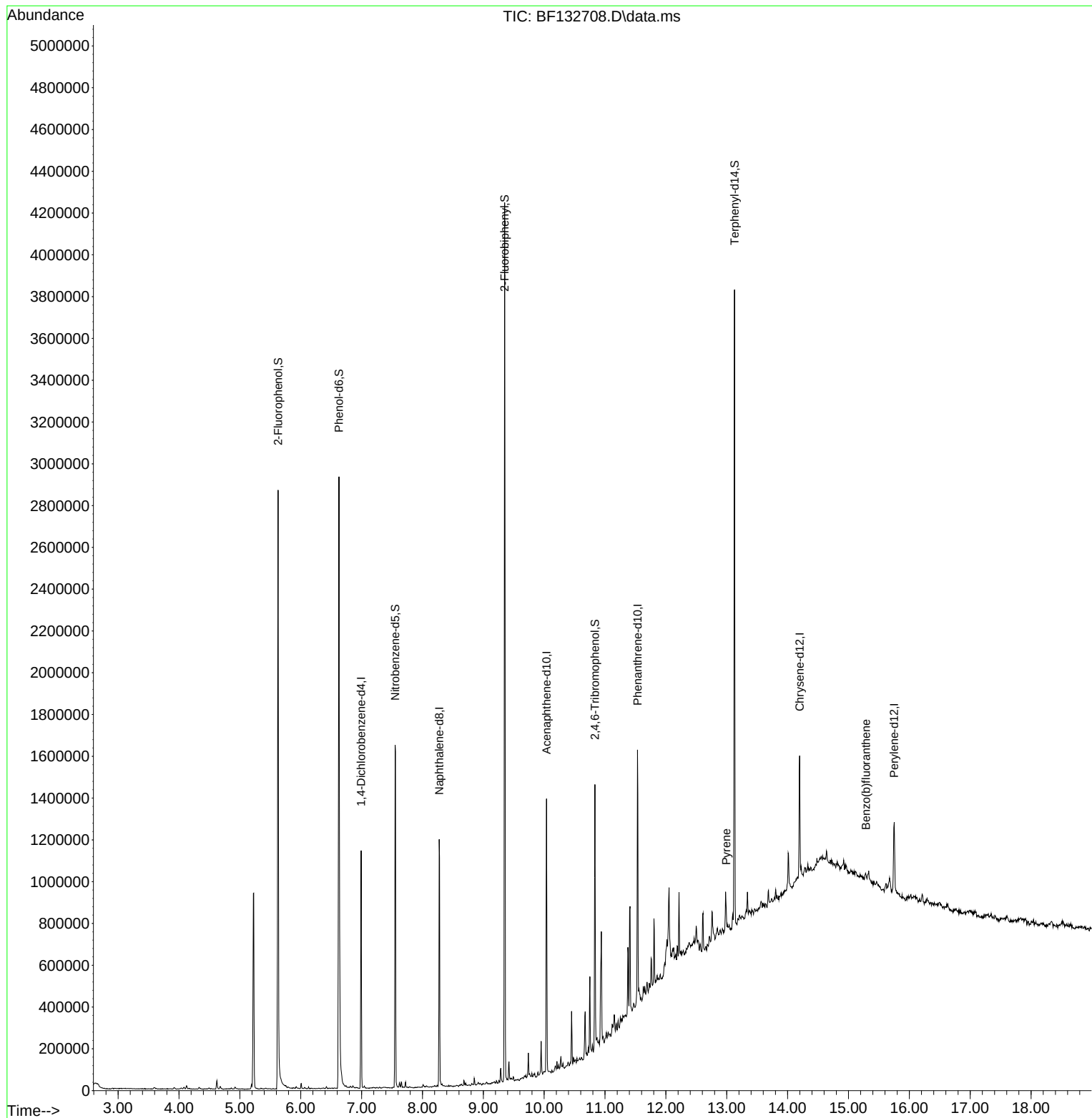
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030823\
Data File : BF132708.D
Acq On : 09 Mar 2023 00:44
Operator : CG\JU
Sample : 01829-05
Misc :
ALS Vial : 21 Sample Multiplier: 1

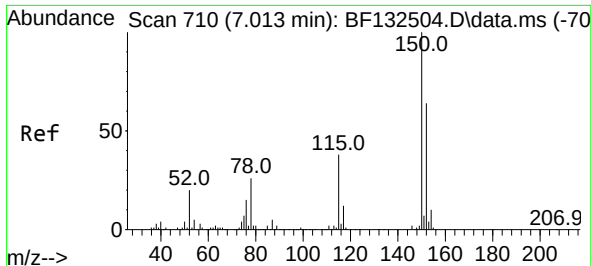
Instrument :
BNA_F
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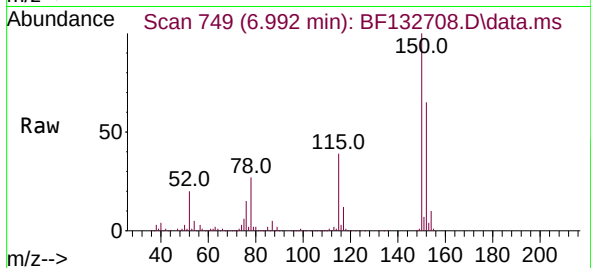
Quant Time: Mar 09 04:03:13 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 07 13:42:31 2023
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.992 min Scan# 74
Delta R.T. -0.001 min
Lab File: BF132708.D
Acq: 09 Mar 2023 00:44

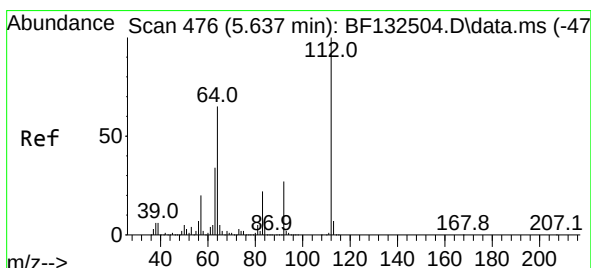
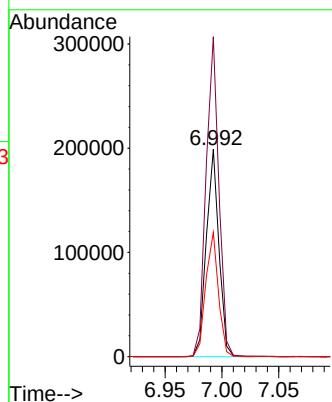
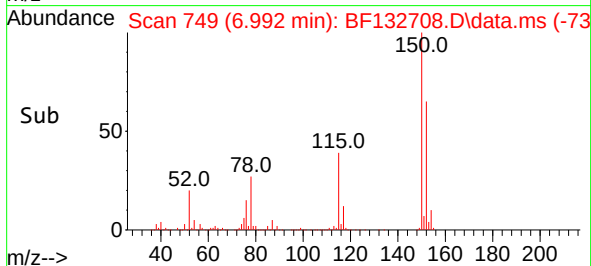
Instrument :
BNA_F
ClientSampleId :
SS-05-20230306



Tgt Ion:152 Resp: 153793
Ion Ratio Lower Upper
152 100
150 154.4 125.4 188.2
115 59.9 47.8 71.6

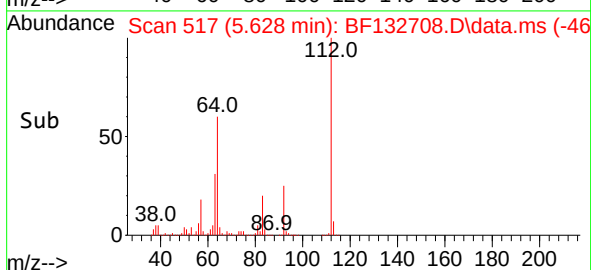
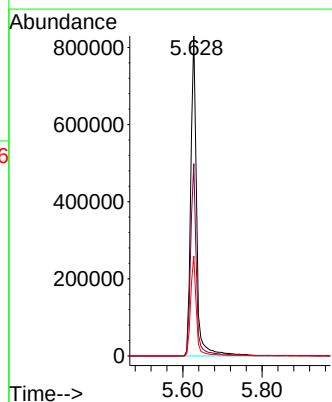
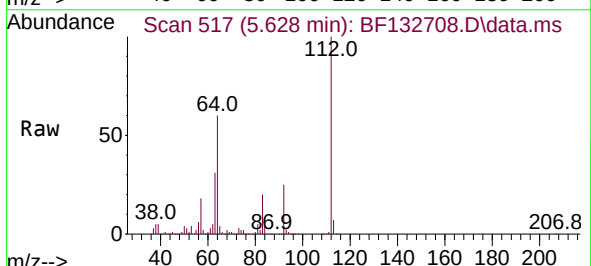
Manual Integrations
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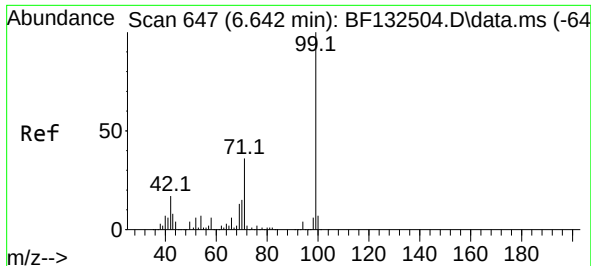
Reviewed By :Christian Giraldo 03/09/2023
Supervised By :Jagrut Upadhyay 03/09/2023



#5
2-Fluorophenol
Concen: 90.823 ng
RT: 5.628 min Scan# 517
Delta R.T. 0.012 min
Lab File: BF132708.D
Acq: 09 Mar 2023 00:44

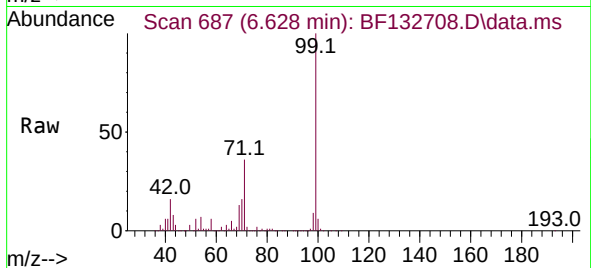
Tgt Ion:112 Resp: 860637
Ion Ratio Lower Upper
112 100
64 60.1 51.6 77.4
63 31.2 27.4 41.2





#7
Phenol-d6
Concen: 84.243 ng
RT: 6.628 min Scan# 647
Delta R.T. 0.006 min
Lab File: BF132708.D
Acq: 09 Mar 2023 00:44

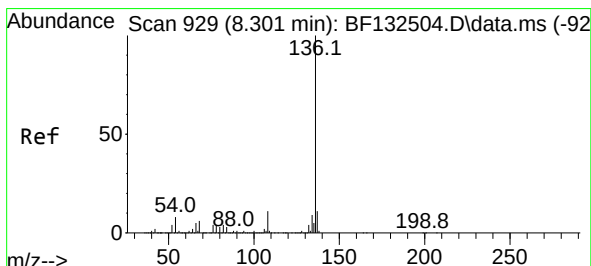
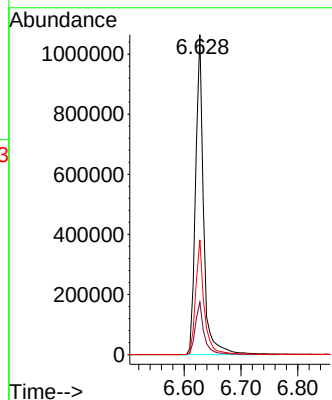
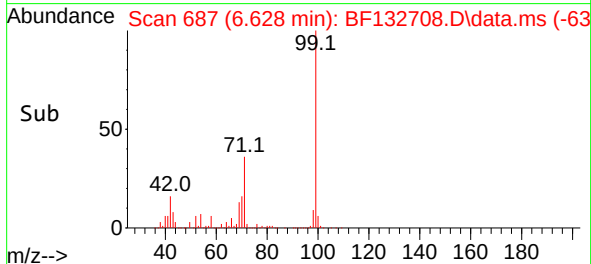
Instrument :
BNA_F
ClientSampleId :
SS-05-20230306



Tgt Ion: 99 Resp: 1041836
Ion Ratio Lower Upper
99 100
42 16.4 13.9 20.9
71 35.9 28.5 42.7

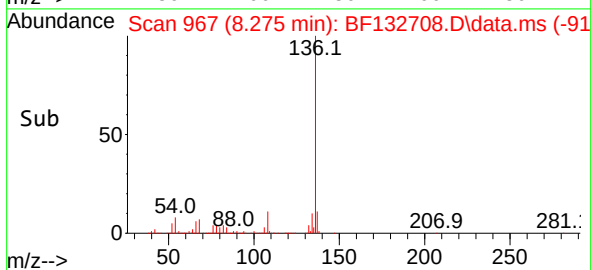
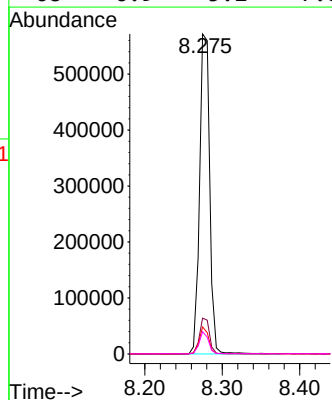
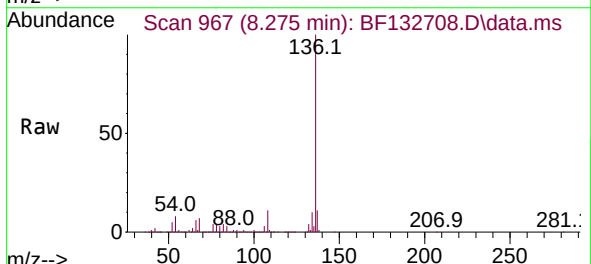
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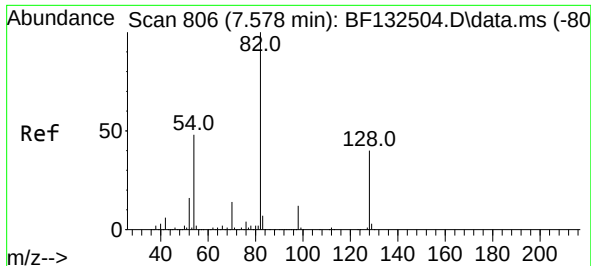
Reviewed By :Christian Giraldo 03/09/2023
Supervised By :Jagrut Upadhyay 03/09/2023



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.275 min Scan# 967
Delta R.T. -0.006 min
Lab File: BF132708.D
Acq: 09 Mar 2023 00:44

Tgt Ion:136 Resp: 519045
Ion Ratio Lower Upper
136 100
137 11.2 8.9 13.3
54 8.4 6.2 9.4
68 6.9 5.2 7.8





#23

Nitrobenzene-d5

Concen: 50.594 ng

RT: 7.551 min Scan# 84

Delta R.T. -0.012 min

Lab File: BF132708.D

Acq: 09 Mar 2023 00:44

Instrument :

BNA_F

ClientSampleId :

SS-05-20230306

Tgt Ion: 82 Resp: 553500

Ion Ratio Lower Upper

82 100

128 39.9 32.2 48.2

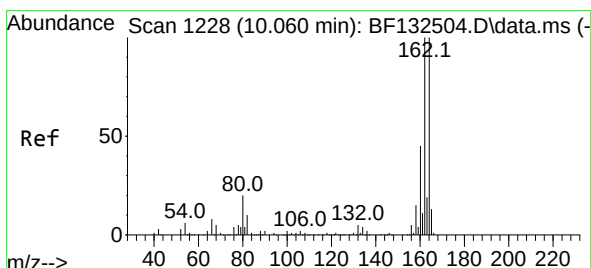
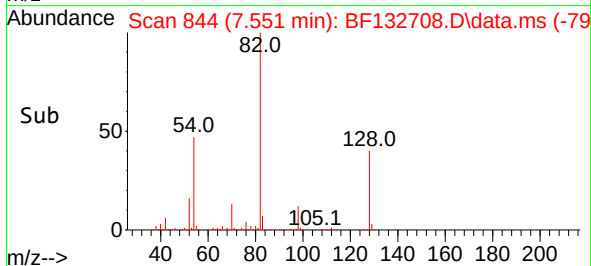
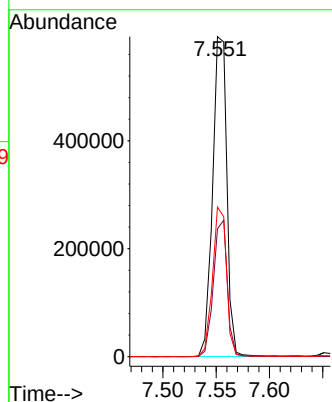
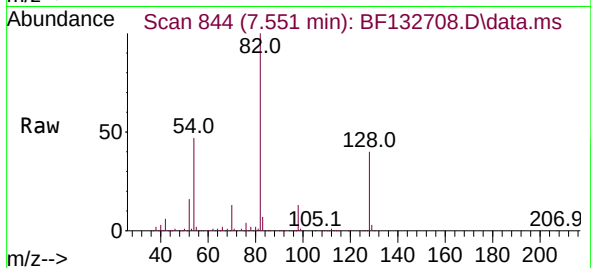
54 46.7 38.4 57.6

Manual Integrations

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#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.039 min Scan# 1267

Delta R.T. -0.000 min

Lab File: BF132708.D

Acq: 09 Mar 2023 00:44

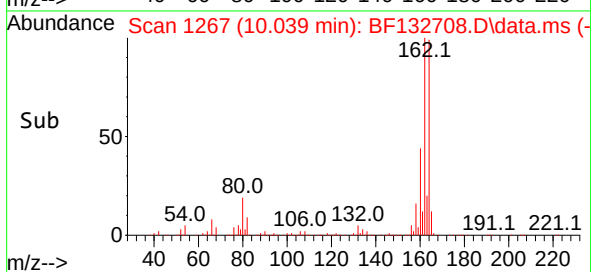
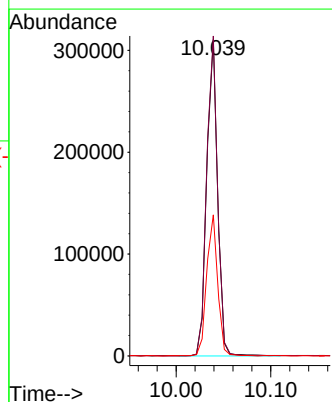
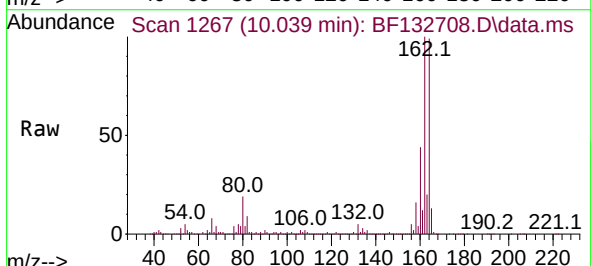
Tgt Ion:164 Resp: 248538

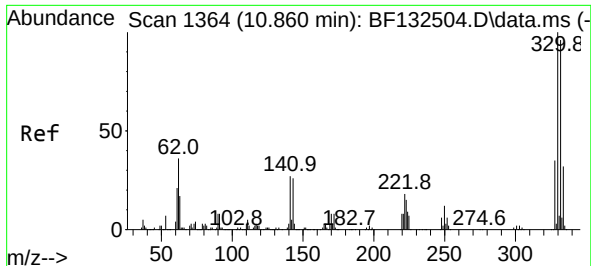
Ion Ratio Lower Upper

164 100

162 101.2 79.8 119.8

160 44.6 35.8 53.6





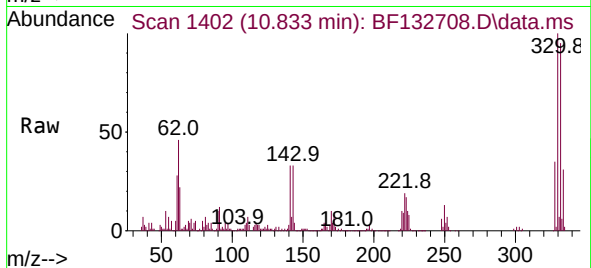
#42
2,4,6-Tribromophenol
Concen: 58.389 ng
RT: 10.833 min Scan# 1402
Delta R.T. -0.000 min
Lab File: BF132708.D
Acq: 09 Mar 2023 00:44

Instrument :

BNA_F

ClientSampleId :

SS-05-20230306

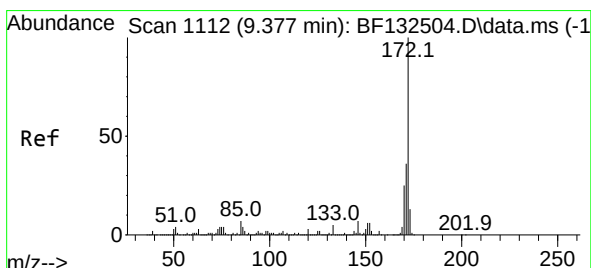
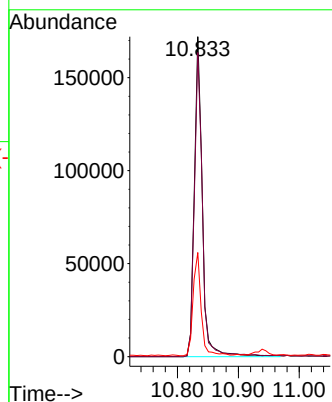
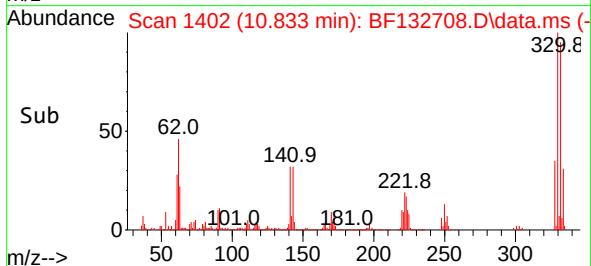


Tgt Ion:330 Resp: 156721
Ion Ratio Lower Upper
330 100
332 96.3 76.2 114.4
141 32.6 28.4 42.6

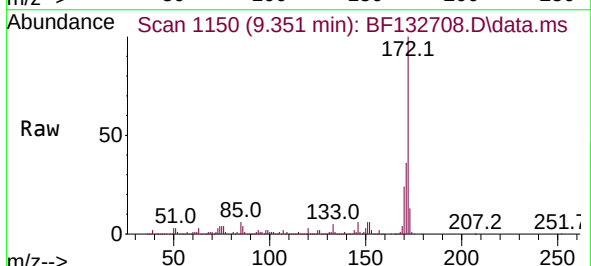
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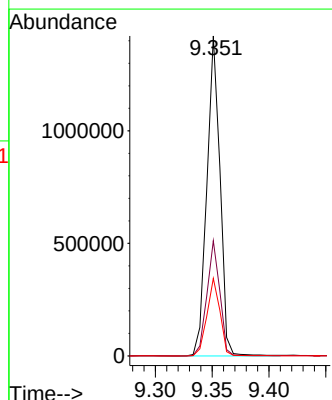
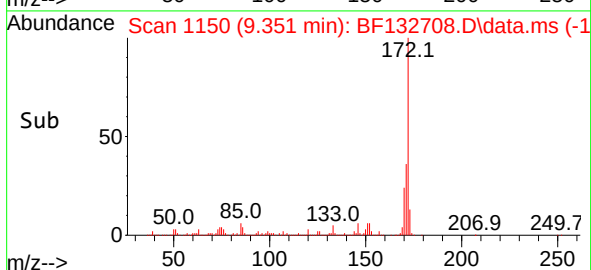
Reviewed By :Christian Giraldo 03/09/2023
Supervised By :Jagrut Upadhyay 03/09/2023

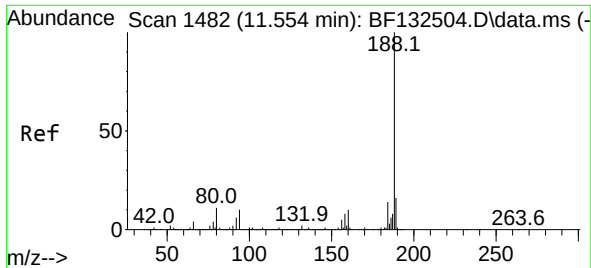


#45
2-Fluorobiphenyl
Concen: 70.066 ng
RT: 9.351 min Scan# 1150
Delta R.T. -0.006 min
Lab File: BF132708.D
Acq: 09 Mar 2023 00:44



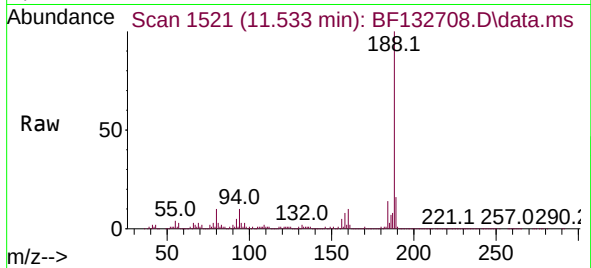
Tgt Ion:172 Resp: 1143656
Ion Ratio Lower Upper
172 100
171 36.0 28.8 43.2
170 24.2 19.7 29.5





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.533 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF132708.D
Acq: 09 Mar 2023 00:44

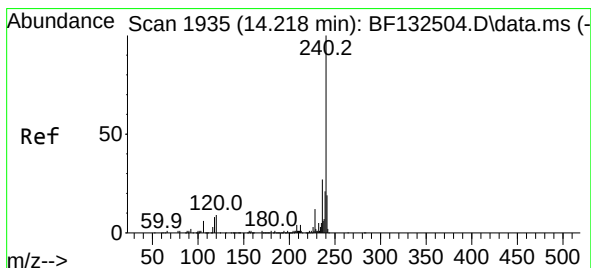
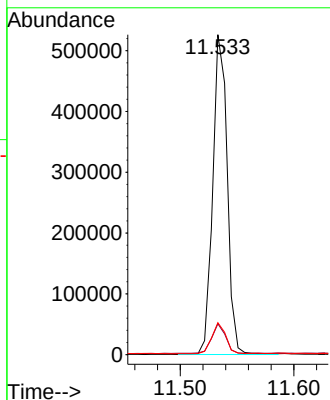
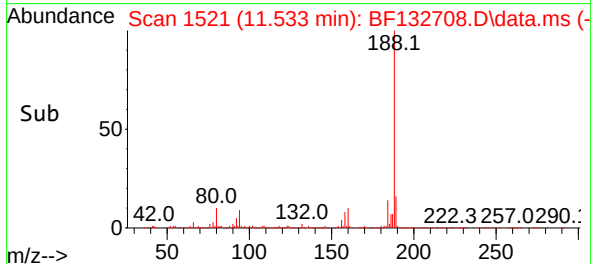
Instrument :
BNA_F
ClientSampleId :
SS-05-20230306



Tgt Ion:188 Resp: 46515
Ion Ratio Lower Upper
188 100
94 9.6 8.3 12.5
80 10.0 8.7 13.1

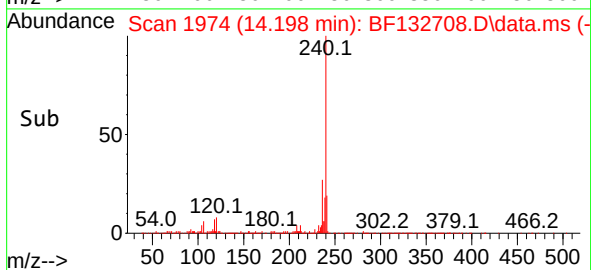
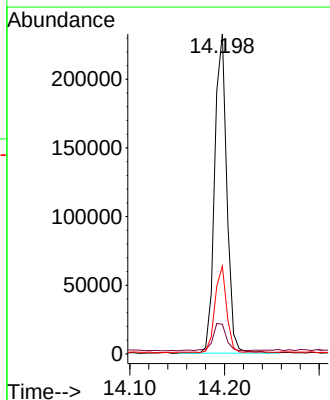
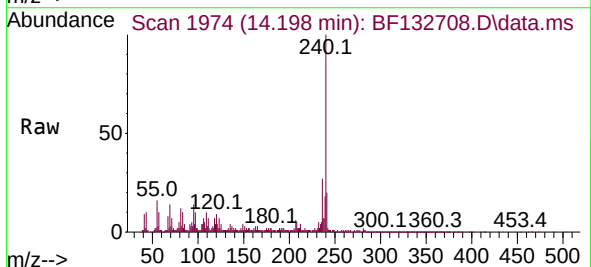
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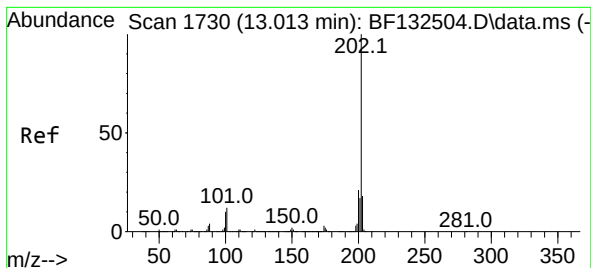
Reviewed By :Christian Giraldo 03/09/2023
Supervised By :Jagrut Upadhyay 03/09/2023



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.198 min Scan# 1974
Delta R.T. -0.000 min
Lab File: BF132708.D
Acq: 09 Mar 2023 00:44

Tgt Ion:240 Resp: 207286
Ion Ratio Lower Upper
240 100
120 9.3 7.2 10.8
236 27.4 21.8 32.6





#78

Pyrene

Concen: 2.097 ng

RT: 12.992 min Scan# 1792

Delta R.T. -0.000 min

Lab File: BF132708.D

Acq: 09 Mar 2023 00:44

Instrument :

BNA_F

ClientSampleId :

SS-05-20230306

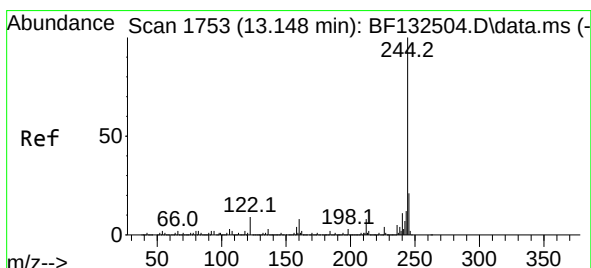
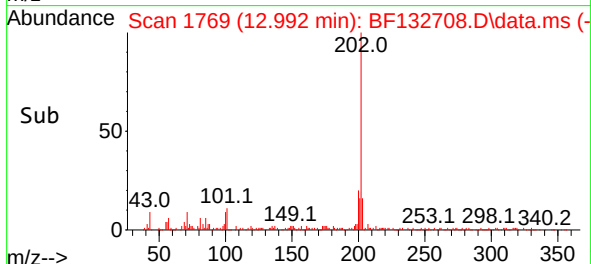
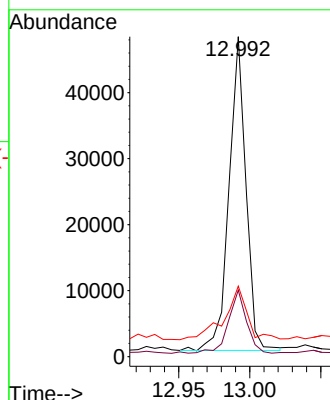
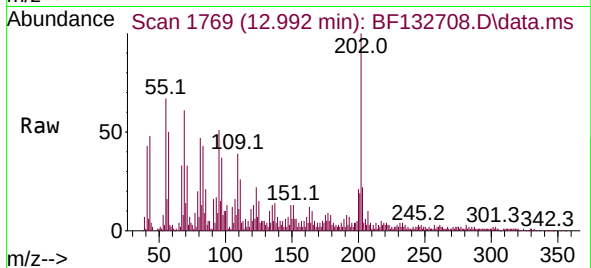
Tgt Ion:	202	Resp:	3952
Ion Ratio	Lower	Upper	
202	100		
200	20.8	17.1	25.7
203	22.0	14.6	21.8

Manual Integrations

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Supervised By :Jagrut Upadhyay 03/09/2023



#79

Terphenyl-d14

Concen: 83.696 ng

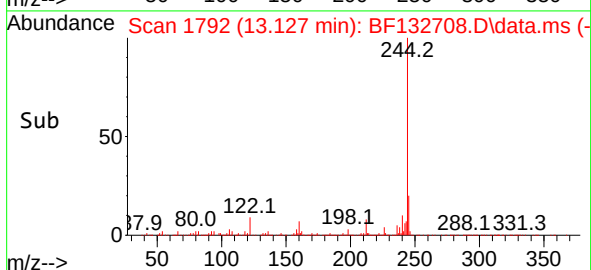
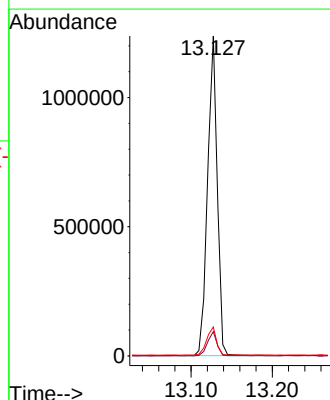
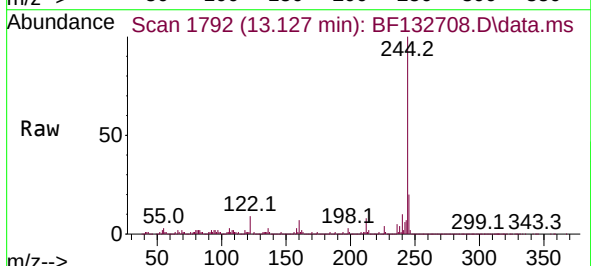
RT: 13.127 min Scan# 1792

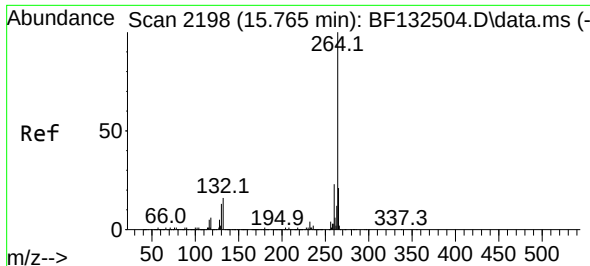
Delta R.T. -0.000 min

Lab File: BF132708.D

Acq: 09 Mar 2023 00:44

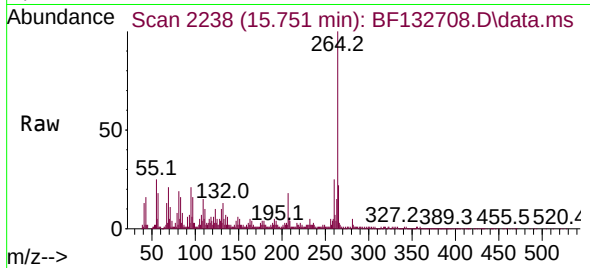
Tgt Ion:	244	Resp:	1026113
Ion Ratio	Lower	Upper	
244	100		
212	7.6	6.5	9.7
122	9.0	7.5	11.3





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.751 min Scan# 2198
Delta R.T. 0.012 min
Lab File: BF132708.D
Acq: 09 Mar 2023 00:44

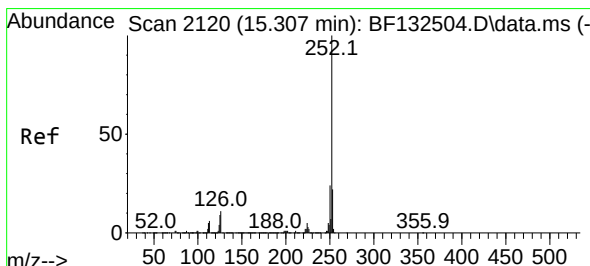
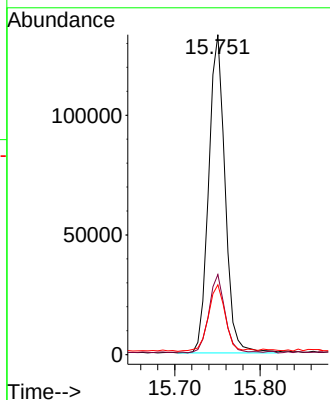
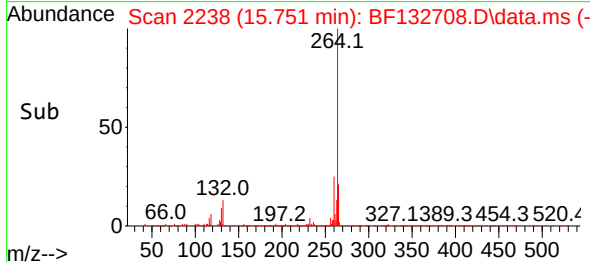
Instrument :
BNA_F
ClientSampleId :
SS-05-20230306



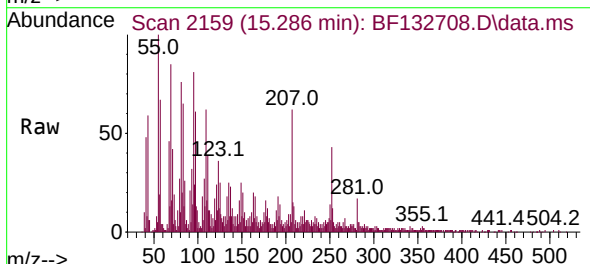
Tgt Ion:264 Resp: 177549
Ion Ratio Lower Upper
264 100
260 25.0 18.8 28.2
265 21.8 17.1 25.7

Manual Integrations
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Reviewed By :Christian Giraldo 03/09/2023
Supervised By :Jagrut Upadhyay 03/09/2023



#88
Benzo(b)fluoranthene
Concen: 2.162 ng m
RT: 15.286 min Scan# 2159
Delta R.T. 0.006 min
Lab File: BF132708.D
Acq: 09 Mar 2023 00:44



Tgt Ion:252 Resp: 25726
Ion Ratio Lower Upper
252 100
253 27.7 17.4 26.0#
125 57.2 7.0 10.6#

