

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082922\
 Data File : BF130048.D
 Acq On : 29 Aug 2022 22:48
 Operator : CG\JU
 Sample : N4277-01
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-2

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 08/30/2022
 Supervised By : Jagrut Upadhyay 08/30/2022

Quant Time: Aug 30 01:34:05 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 30 01:22:56 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.698	152	112545	20.000	ng	0.00
21) Naphthalene-d8	7.981	136	432533	20.000	ng	0.00
39) Acenaphthene-d10	9.733	164	197678	20.000	ng	0.00
64) Phenanthrene-d10	11.222	188	271982	20.000	ng	0.00
76) Chrysene-d12	13.869	240	251691	20.000	ng	0.00
86) Perylene-d12	15.298	264	271103	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.340	112	755151	111.094	ng	0.00
7) Phenol-d6	6.369	99	904995	106.316	ng	0.00
23) Nitrobenzene-d5	7.275	82	588859	72.879	ng	0.00
42) 2,4,6-Tribromophenol	10.533	330	179943	90.697	ng	0.00
45) 2-Fluorobiphenyl	9.057	172	1016010	78.062	ng	0.00
79) Terphenyl-d14	12.804	244	825221	54.556	ng	0.00
Target Compounds						Qvalue
75) Fluoranthene	12.439	202	51064	3.285	ng	99
78) Pyrene	12.669	202	52242	2.389	ng	98
88) Benzo(b)fluoranthene	14.898	252	52233m	2.814	ng	
90) Benzo(a)pyrene	15.245	252	34870	2.385	ng	# 93

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

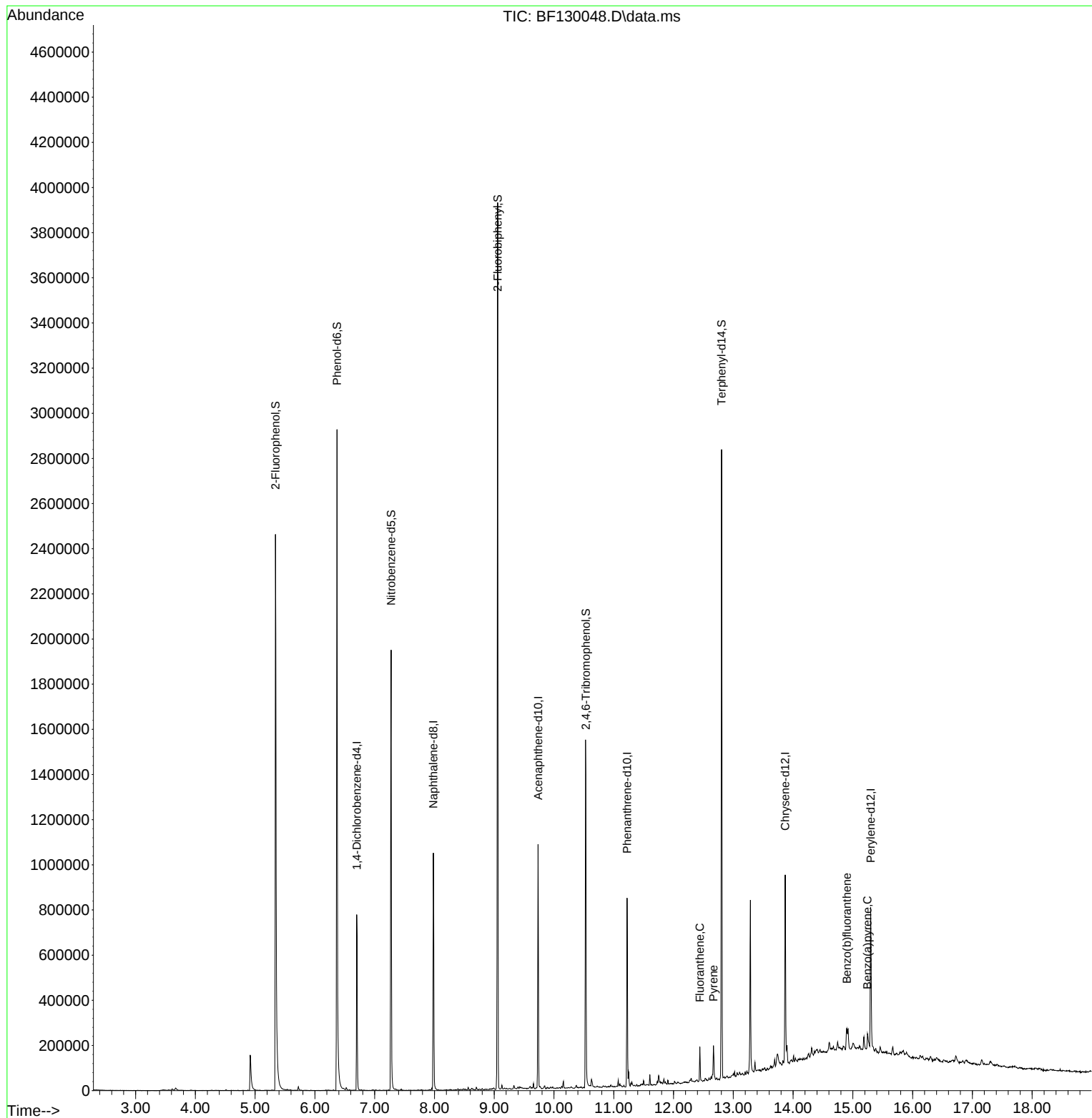
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082922\
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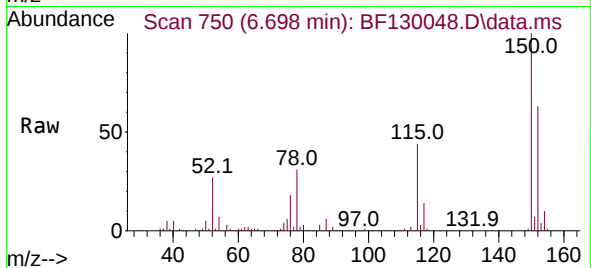
Reviewed By : Christian Giraldo 08/30/2022
Supervised By : Jagrut Upadhyay 08/30/2022





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.698 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF130048.D
Acq: 29 Aug 2022 22:48

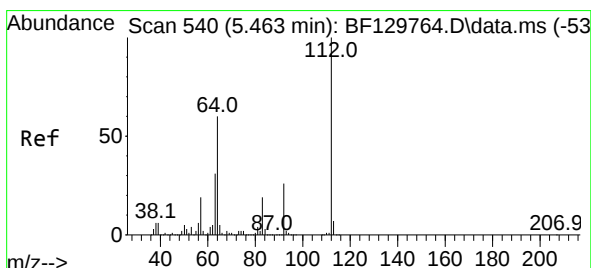
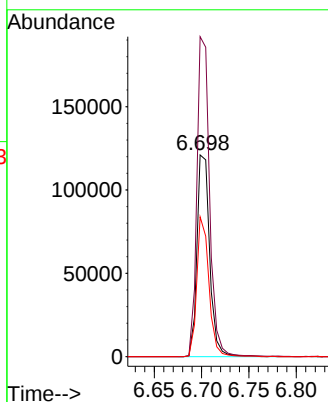
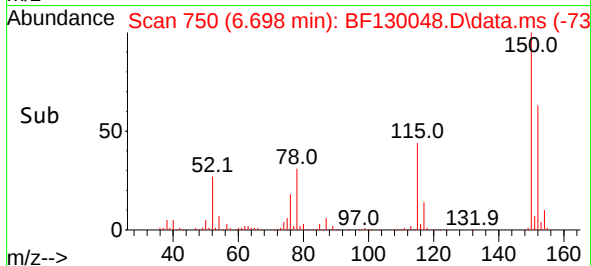
Instrument :
BNA_F
ClientSampleId :
B-2



Tgt Ion:152 Resp: 112545
Ion Ratio Lower Upper
152 100
150 158.7 126.9 190.3
115 69.3 53.4 80.0

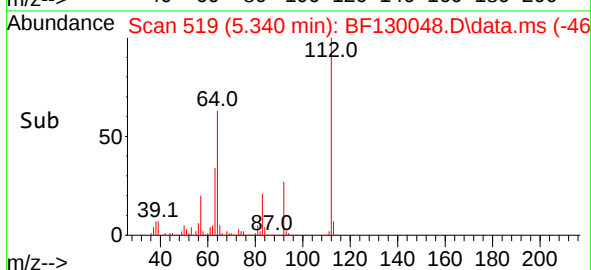
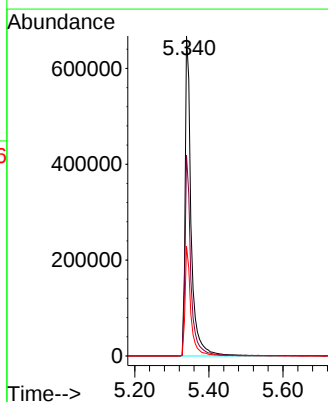
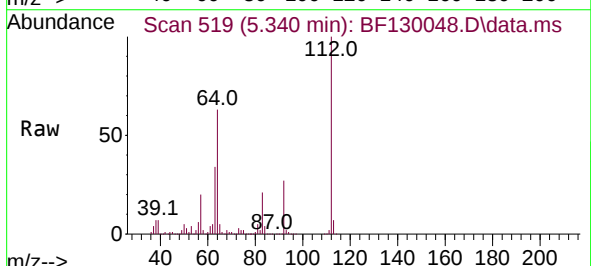
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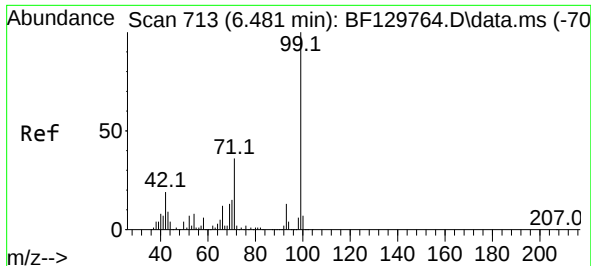
Reviewed By :Christian Giraldo 08/30/2022
Supervised By :Jagrut Upadhyay 08/30/2022



#5
2-Fluorophenol
Concen: 111.094 ng
RT: 5.340 min Scan# 519
Delta R.T. 0.006 min
Lab File: BF130048.D
Acq: 29 Aug 2022 22:48

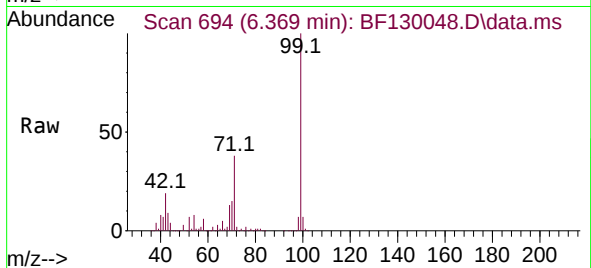
Tgt Ion:112 Resp: 755151
Ion Ratio Lower Upper
112 100
64 62.6 47.6 71.4
63 34.2 24.6 37.0





#7
Phenol-d6
Concen: 106.316 ng
RT: 6.369 min Scan# 694
Delta R.T. 0.000 min
Lab File: BF130048.D
Acq: 29 Aug 2022 22:48

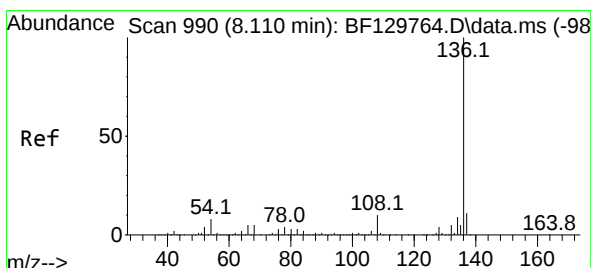
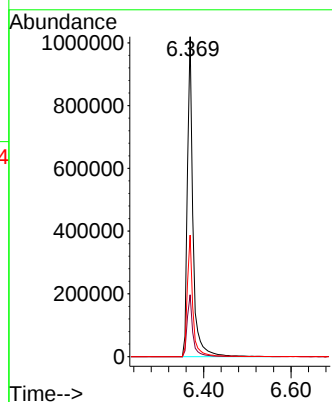
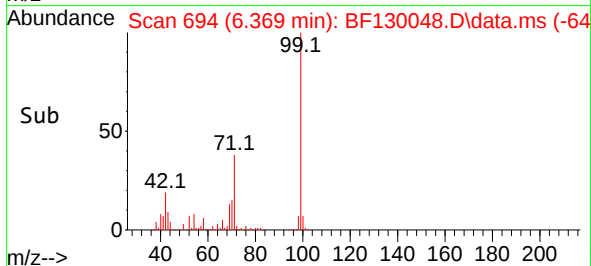
Instrument :
BNA_F
ClientSampleId :
B-2



Tgt Ion: 99 Resp: 904995
Ion Ratio Lower Upper
99 100
42 19.3 15.0 22.4
71 38.0 28.8 43.2

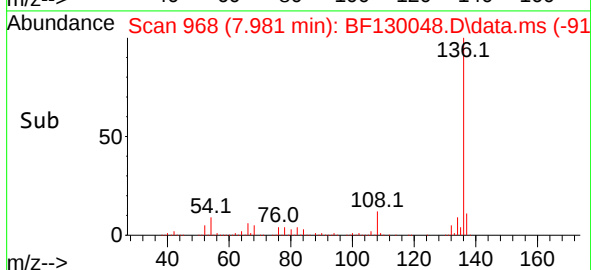
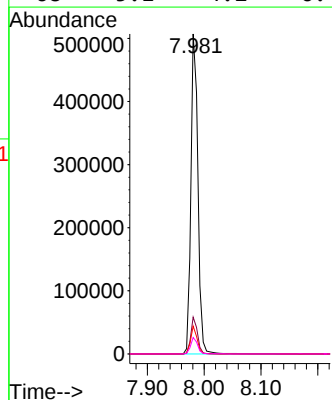
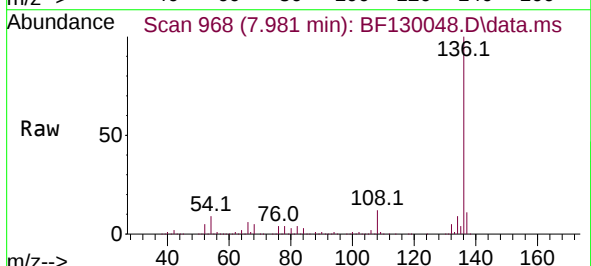
Manual Integrations
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#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.981 min Scan# 968
Delta R.T. -0.006 min
Lab File: BF130048.D
Acq: 29 Aug 2022 22:48

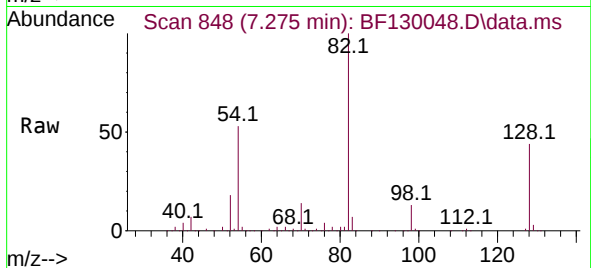
Tgt Ion:136 Resp: 432533
Ion Ratio Lower Upper
136 100
137 11.5 8.4 12.6
54 8.7 6.2 9.2
68 5.1 4.2 6.4





#23
Nitrobenzene-d5
Concen: 72.879 ng
RT: 7.275 min Scan# 84
Delta R.T. -0.006 min
Lab File: BF130048.D
Acq: 29 Aug 2022 22:48

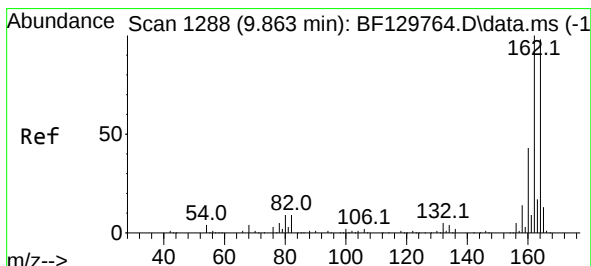
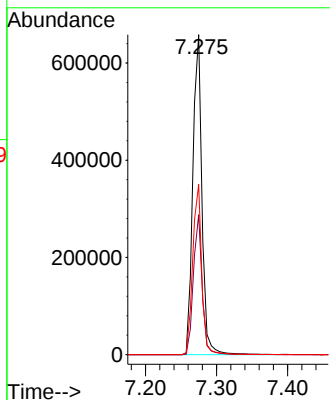
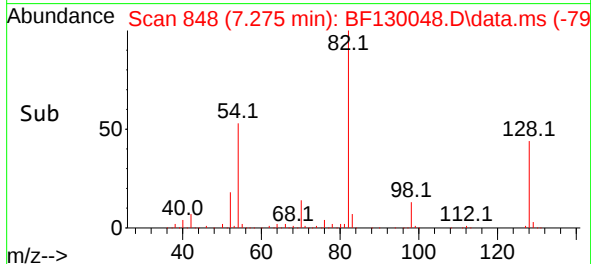
Instrument :
BNA_F
ClientSampleId :
B-2



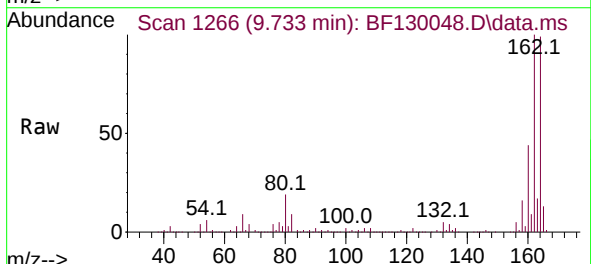
Tgt Ion: 82 Resp: 588859
Ion Ratio Lower Upper
82 100
128 43.7 36.1 54.1
54 53.2 40.0 60.0

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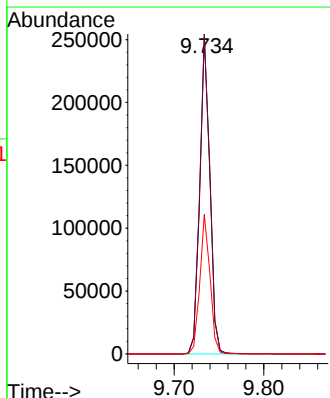
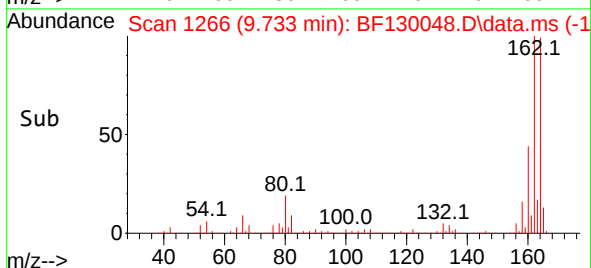
Reviewed By :Christian Giraldo 08/30/2022
Supervised By :Jagrut Upadhyay 08/30/2022

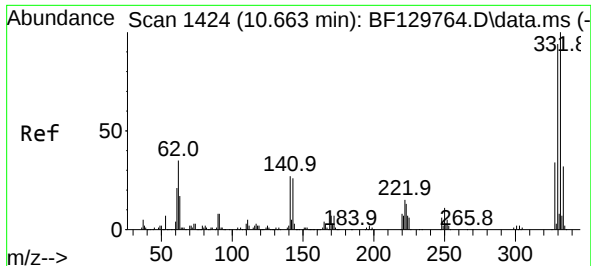


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.733 min Scan# 1266
Delta R.T. -0.006 min
Lab File: BF130048.D
Acq: 29 Aug 2022 22:48



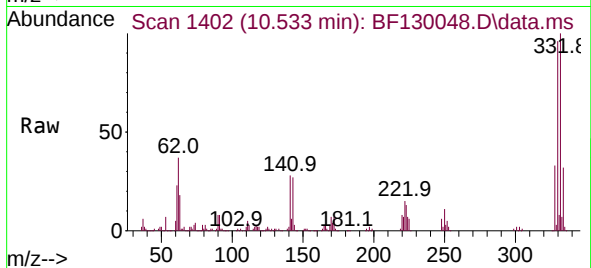
Tgt Ion:164 Resp: 197678
Ion Ratio Lower Upper
164 100
162 101.1 82.0 123.0
160 44.1 35.4 53.0





#42
2,4,6-Tribromophenol
Concen: 90.697 ng
RT: 10.533 min Scan# 1424
Delta R.T. 0.000 min
Lab File: BF130048.D
Acq: 29 Aug 2022 22:48

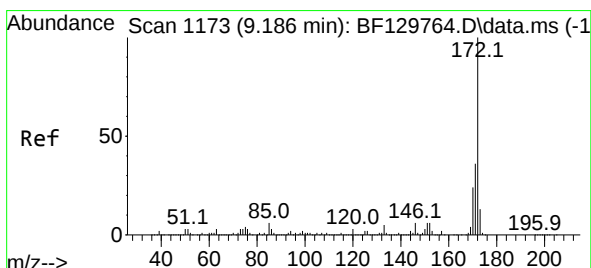
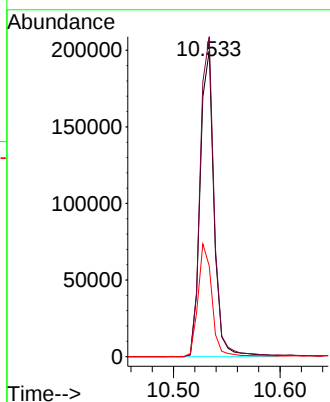
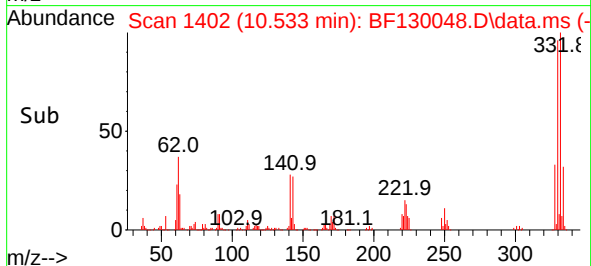
Instrument :
BNA_F
ClientSampleId :
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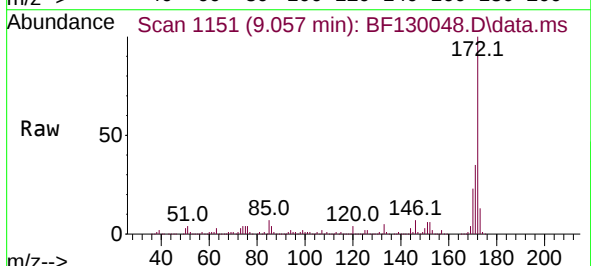
Tgt Ion: 330 Resp: 179943
Ion Ratio Lower Upper
330 100
332 106.1 82.6 124.0
141 37.2 27.6 41.4

Manual Integrations
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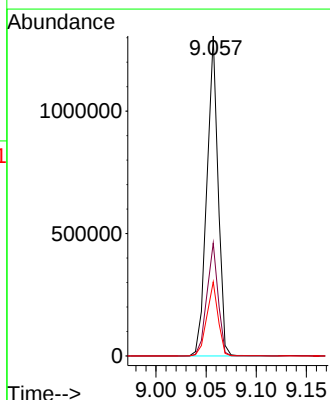
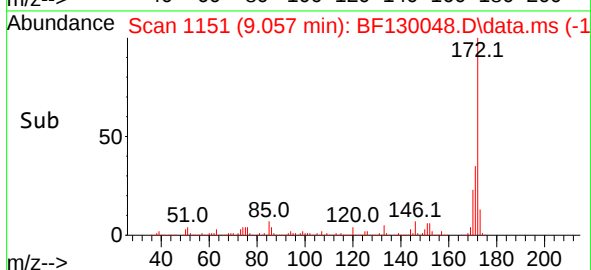
Reviewed By : Christian Giraldo 08/30/2022
Supervised By : Jagrut Upadhyay 08/30/2022



#45
2-Fluorobiphenyl
Concen: 78.062 ng
RT: 9.057 min Scan# 1151
Delta R.T. -0.006 min
Lab File: BF130048.D
Acq: 29 Aug 2022 22:48



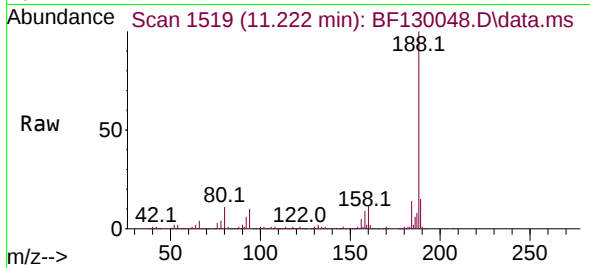
Tgt Ion: 172 Resp: 1016010
Ion Ratio Lower Upper
172 100
171 35.3 28.4 42.6
170 23.1 19.1 28.7





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.222 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF130048.D
Acq: 29 Aug 2022 22:48

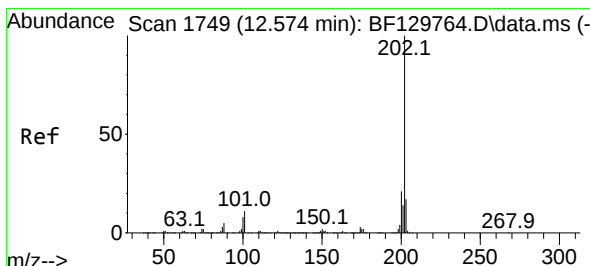
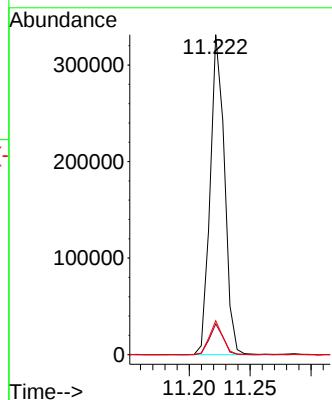
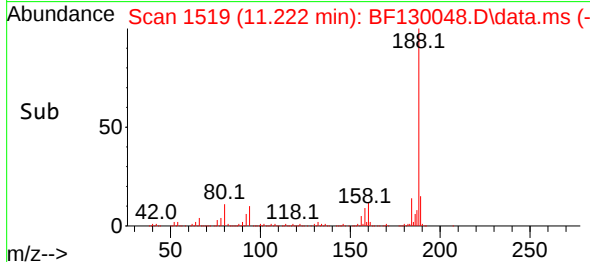
Instrument :
BNA_F
ClientSampleId :
B-2



Tgt Ion:188 Resp: 271982
Ion Ratio Lower Upper
188 100
94 9.6 7.4 11.2
80 10.6 7.9 11.9

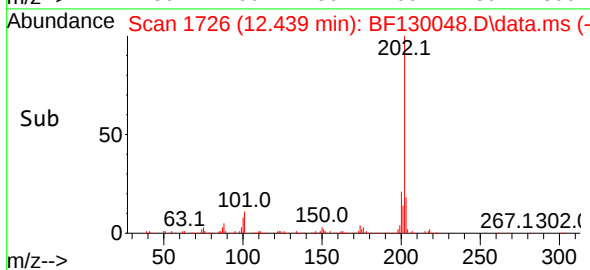
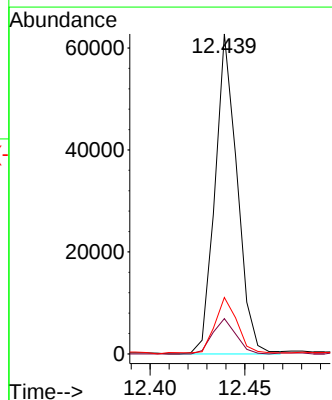
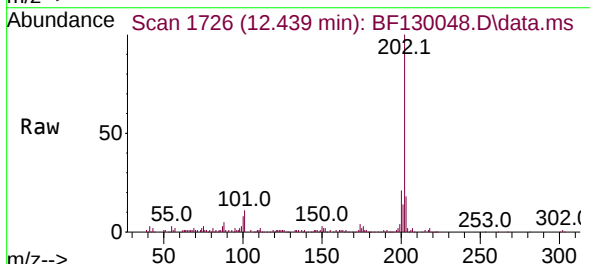
Manual Integrations
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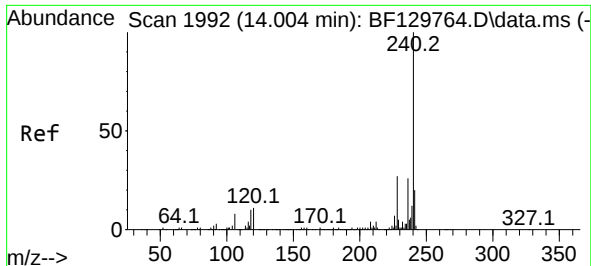
Reviewed By :Christian Giraldo 08/30/2022
Supervised By :Jagrut Upadhyay 08/30/2022



#75
Fluoranthene
Concen: 3.285 ng
RT: 12.439 min Scan# 1726
Delta R.T. -0.006 min
Lab File: BF130048.D
Acq: 29 Aug 2022 22:48

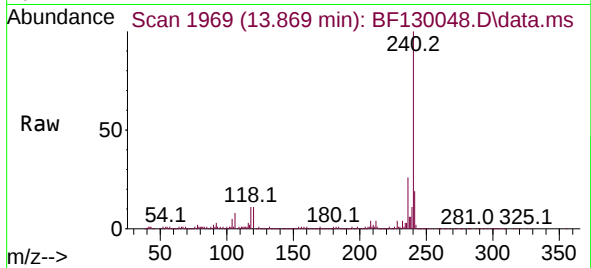
Tgt Ion:202 Resp: 51064
Ion Ratio Lower Upper
202 100
101 11.0 0.0 30.7
203 17.6 0.0 37.5





#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.869 min Scan# 1992
Delta R.T. -0.006 min
Lab File: BF130048.D
Acq: 29 Aug 2022 22:48

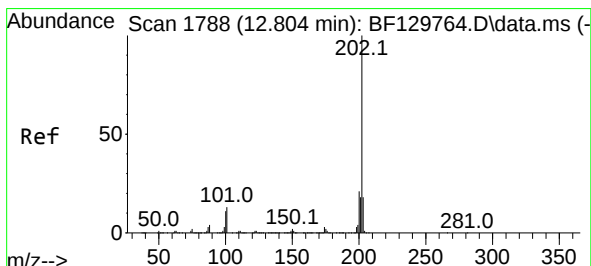
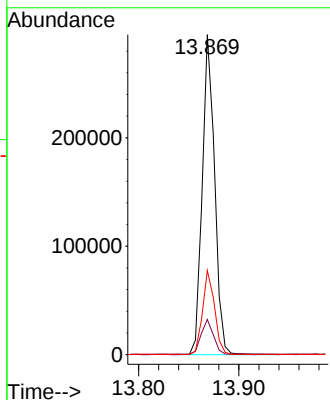
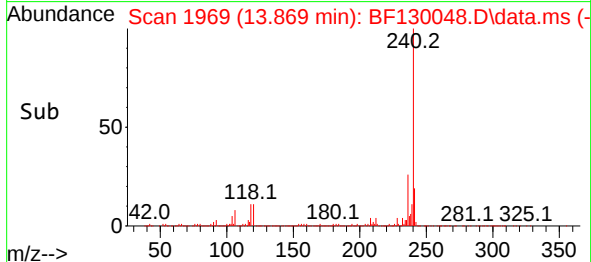
Instrument :
BNA_F
ClientSampleId :
B-2



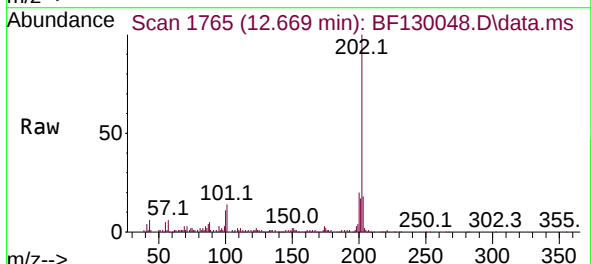
Tgt Ion:240 Resp: 251691
Ion Ratio Lower Upper
240 100
120 11.0 9.2 13.8
236 26.3 20.7 31.1

Manual Integrations
APPROVED

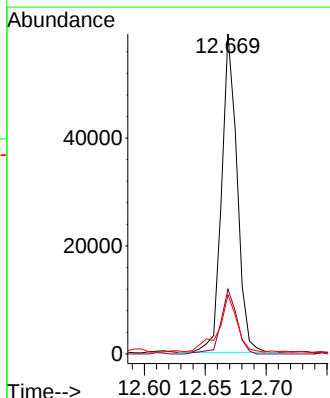
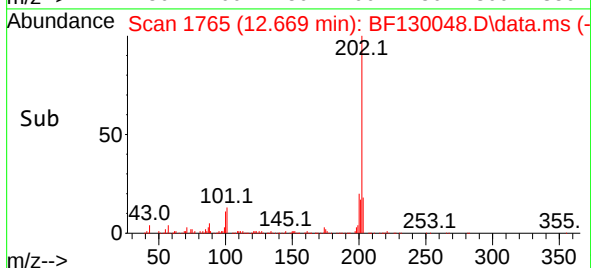
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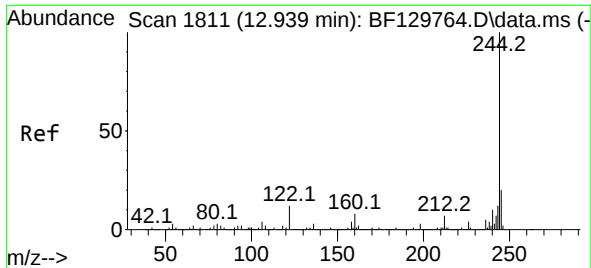


#78
Pyrene
Concen: 2.389 ng
RT: 12.669 min Scan# 1765
Delta R.T. -0.006 min
Lab File: BF130048.D
Acq: 29 Aug 2022 22:48



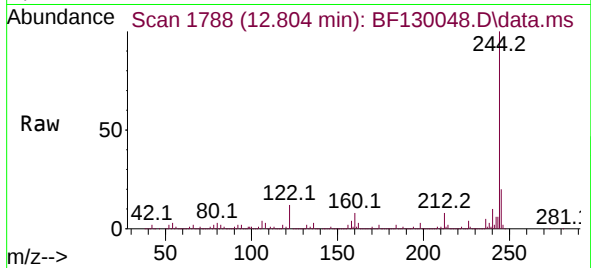
Tgt Ion:202 Resp: 52242
Ion Ratio Lower Upper
202 100
200 20.2 17.0 25.6
203 18.4 14.1 21.1





#79
 Terphenyl-d14
 Concen: 54.556 ng
 RT: 12.804 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF130048.D
 Acq: 29 Aug 2022 22:48

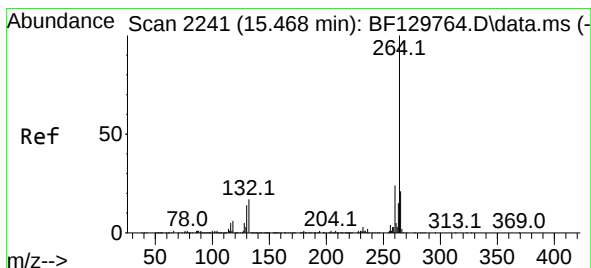
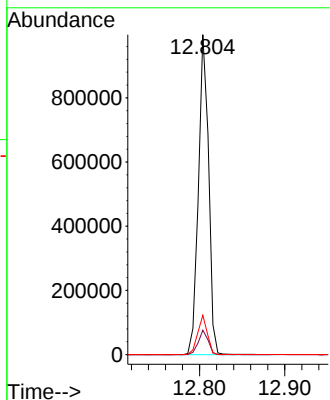
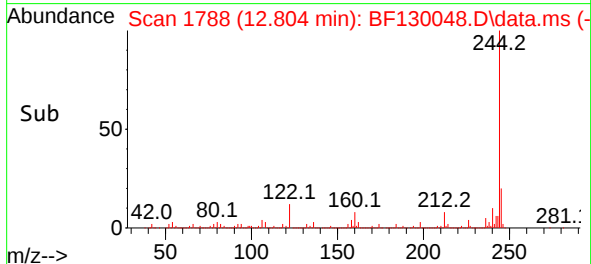
Instrument :
 BNA_F
 ClientSampleId :
 B-2



Tgt Ion:244 Resp: 825221
 Ion Ratio Lower Upper
 244 100
 212 7.7 5.9 8.9
 122 12.3 9.9 14.9

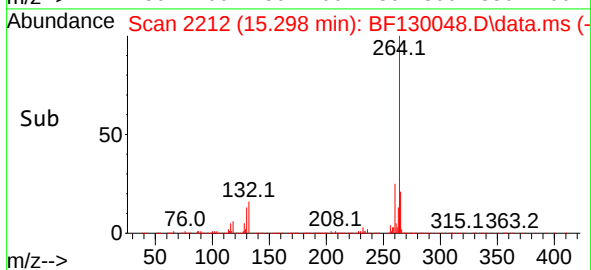
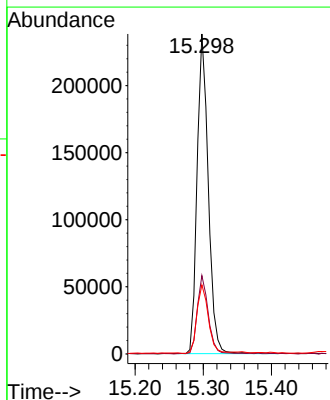
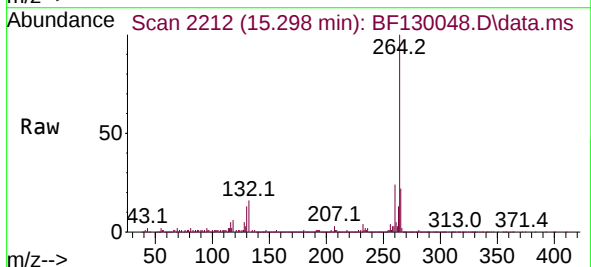
Manual Integrations
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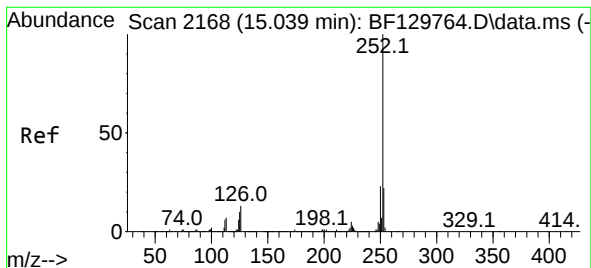
Reviewed By :Christian Giraldo 08/30/2022
 Supervised By :Jagrut Upadhyay 08/30/2022



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.298 min Scan# 2212
 Delta R.T. -0.006 min
 Lab File: BF130048.D
 Acq: 29 Aug 2022 22:48

Tgt Ion:264 Resp: 271103
 Ion Ratio Lower Upper
 264 100
 260 24.5 19.1 28.7
 265 21.6 16.7 25.1





#88

Benzo(b)fluoranthene

Concen: 2.814 ng m

RT: 14.898 min Scan# 2168

Delta R.T. 0.006 min

Lab File: BF130048.D

Acq: 29 Aug 2022 22:48

Instrument :

BNA_F

ClientSampleId :

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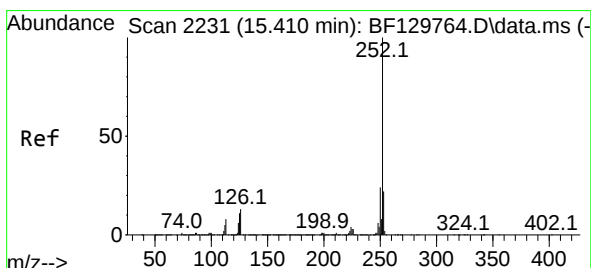
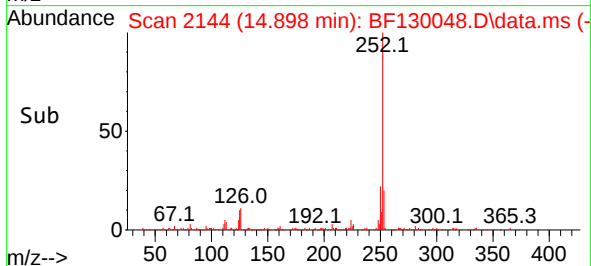
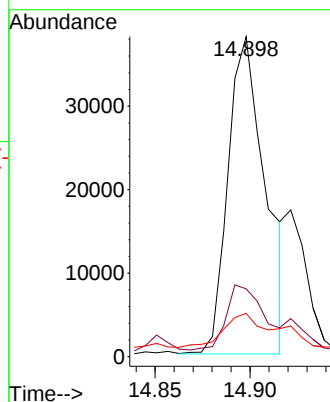
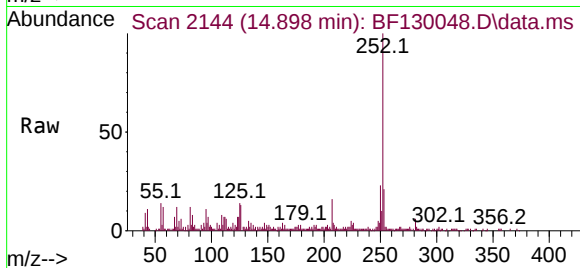
Tgt Ion:	252	Resp:	52233
Ion Ratio	Lower	Upper	
252	100		
253	21.2	17.5	26.3
125	13.5	8.3	12.5

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 08/30/2022

Supervised By :Jagrut Upadhyay 08/30/2022



#90

Benzo(a)pyrene

Concen: 2.385 ng

RT: 15.245 min Scan# 2203

Delta R.T. 0.000 min

Lab File: BF130048.D

Acq: 29 Aug 2022 22:48

Tgt Ion:	252	Resp:	34870
Ion Ratio	Lower	Upper	
252	100		
253	24.2	17.2	25.8
125	14.2	8.8	13.2

