

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082622\
 Data File : BF130030.D
 Acq On : 26 Aug 2022 21:29
 Operator : CG\JU
 Sample : N4378-01 10X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CL-01-082522

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 08/29/2022
 Supervised By : Jagrut Upadhyay 08/29/2022

Quant Time: Aug 27 06:13:43 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 25 14:45:09 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.745	152	96876	20.000	ng	-0.01
21) Naphthalene-d8	8.028	136	357765	20.000	ng	-0.01
39) Acenaphthene-d10	9.780	164	157014	20.000	ng	-0.01
64) Phenanthrene-d10	11.269	188	224126	20.000	ng	-0.01
76) Chrysene-d12	13.921	240	194471	20.000	ng	0.00
86) Perylene-d12	15.368	264	141453	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.398	112	62612	10.701	ng	0.00
7) Phenol-d6	6.422	99	80980	11.052	ng	0.00
23) Nitrobenzene-d5	7.322	82	47506	7.108	ng	-0.01
42) 2,4,6-Tribromophenol	10.580	330	12180	7.729	ng	0.00
45) 2-Fluorobiphenyl	9.098	172	87859	8.499	ng	-0.02
79) Terphenyl-d14	12.851	244	75453	6.456	ng	-0.01
Target Compounds						Qvalue
75) Fluoranthene	12.486	202	81950	6.398	ng	98
78) Pyrene	12.721	202	113296	6.704	ng	98
81) Benzo(a)anthracene	13.910	228	60869	4.550	ng	98
83) Chrysene	13.945	228	53998	4.312	ng	98
87) Indeno(1,2,3-cd)pyrene	16.815	276	26458	2.725	ng	96
88) Benzo(b)fluoranthene	14.951	252	61075m	6.305	ng	
90) Benzo(a)pyrene	15.309	252	46256	6.064	ng	# 93
92) Benzo(g,h,i)perylene	17.256	276	28647	3.584	ng	93

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

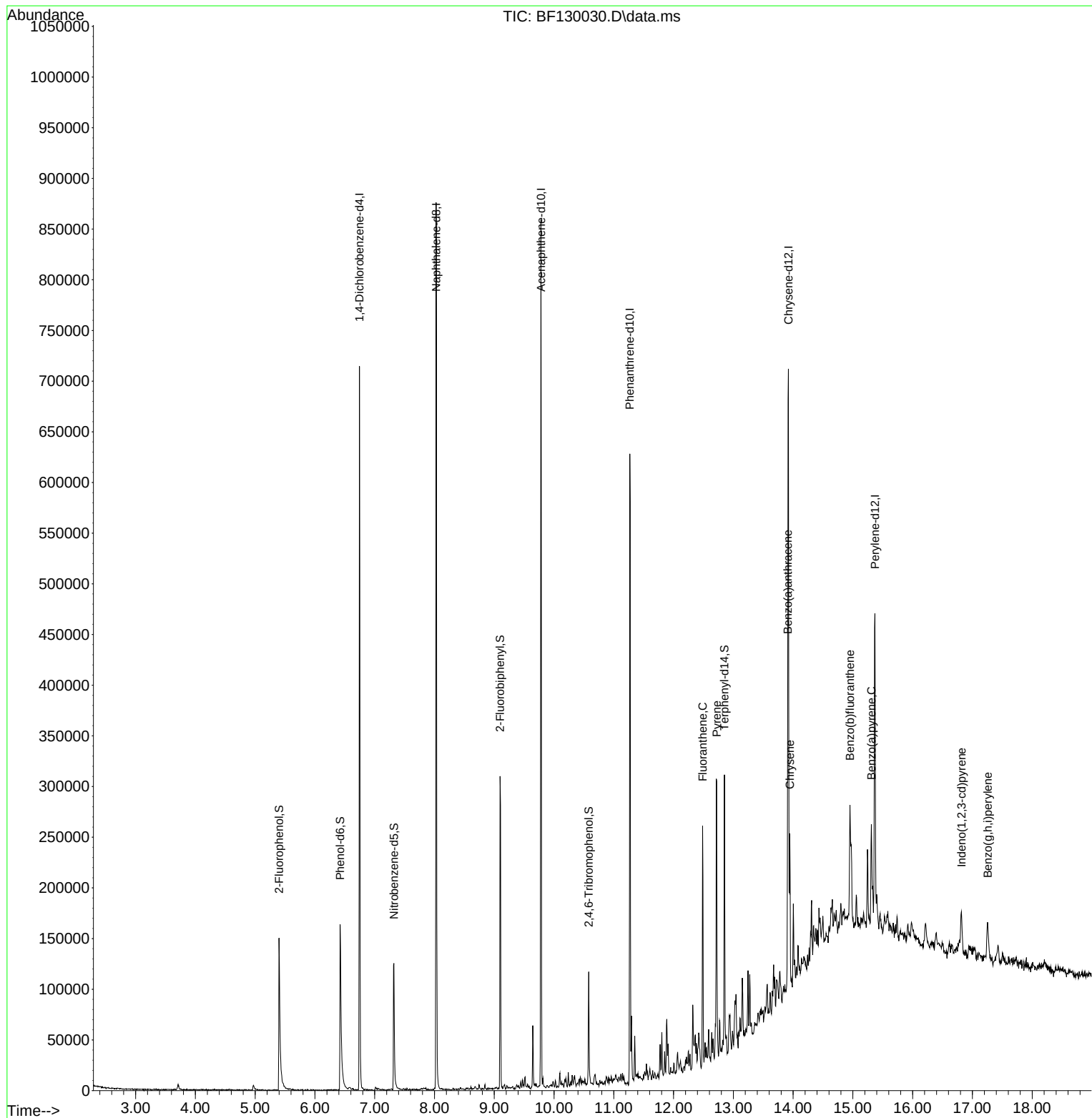
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082622\
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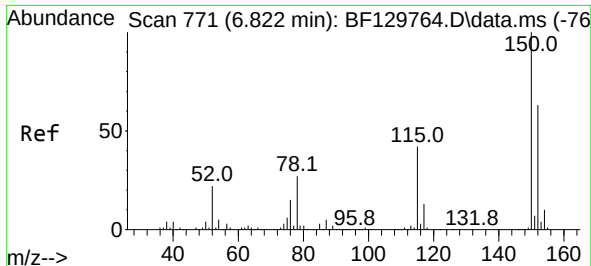
Instrument :
BNA_F
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CL-01-082522

Quant Time: Aug 27 06:13:43 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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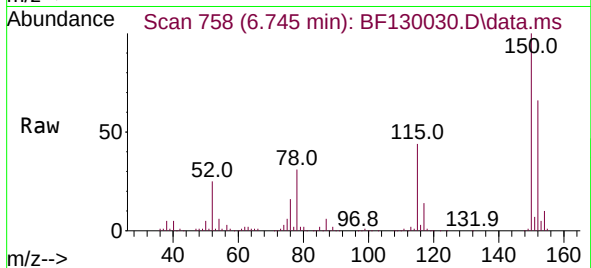
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Supervised By : Jagrut Upadhyay 08/29/2022





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.745 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF130030.D
Acq: 26 Aug 2022 21:29

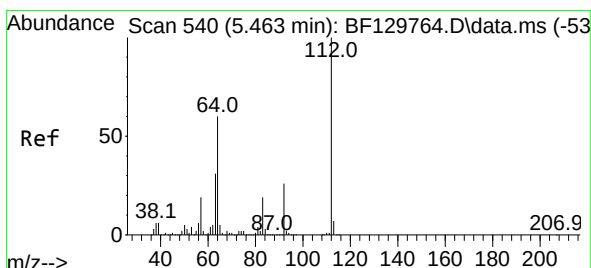
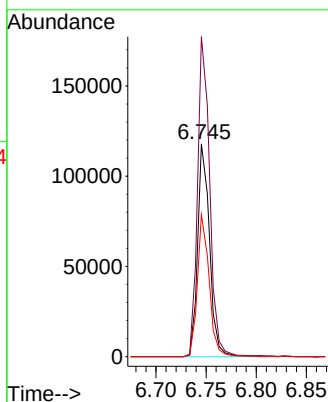
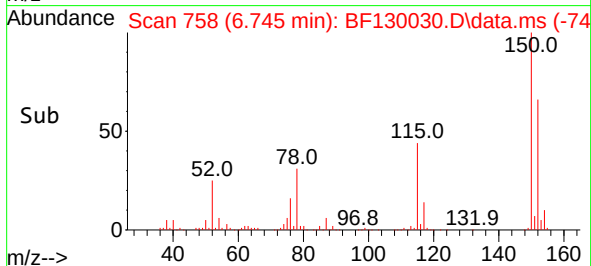
Instrument :
BNA_F
ClientSampleId :
CL-01-082522



Tgt Ion:152 Resp: 96876
Ion Ratio Lower Upper
152 100
150 150.4 126.9 190.3
115 66.6 53.4 80.0

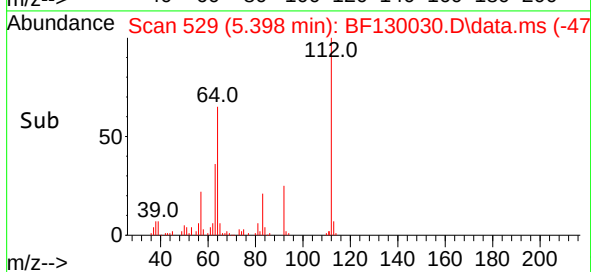
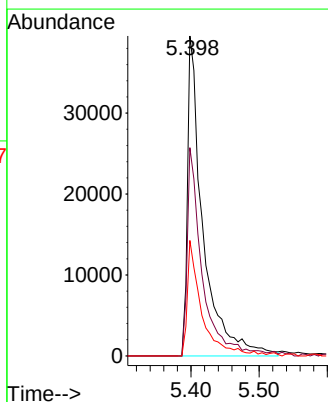
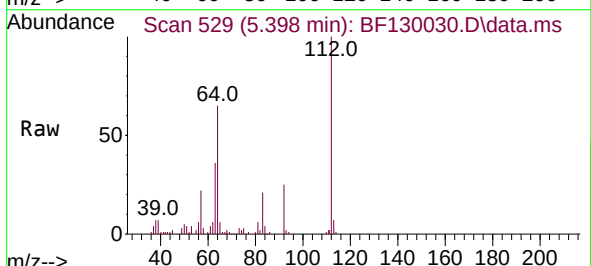
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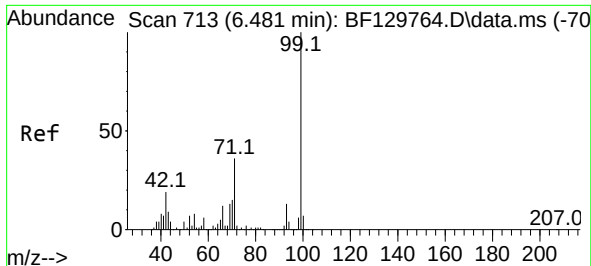
Reviewed By :Christian Giraldo 08/29/2022
Supervised By :Jagrut Upadhyay 08/29/2022



#5
2-Fluorophenol
Concen: 10.701 ng
RT: 5.398 min Scan# 529
Delta R.T. 0.006 min
Lab File: BF130030.D
Acq: 26 Aug 2022 21:29

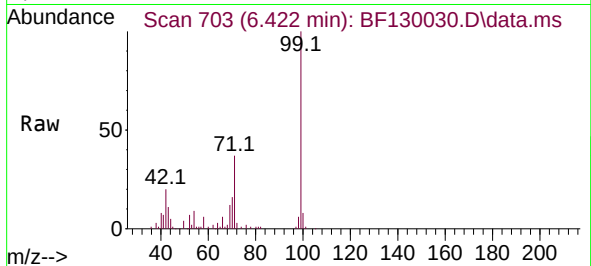
Tgt Ion:112 Resp: 62612
Ion Ratio Lower Upper
112 100
64 65.1 47.6 71.4
63 36.1 24.6 37.0





#7
Phenol-d6
Concen: 11.052 ng
RT: 6.422 min Scan# 70
Delta R.T. -0.000 min
Lab File: BF130030.D
Acq: 26 Aug 2022 21:29

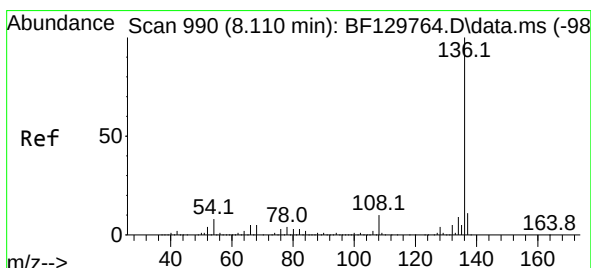
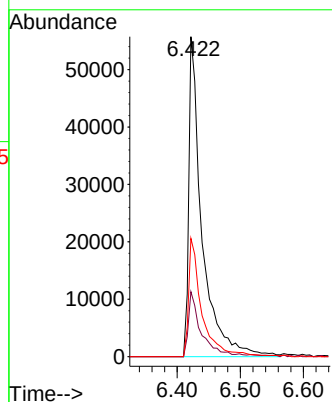
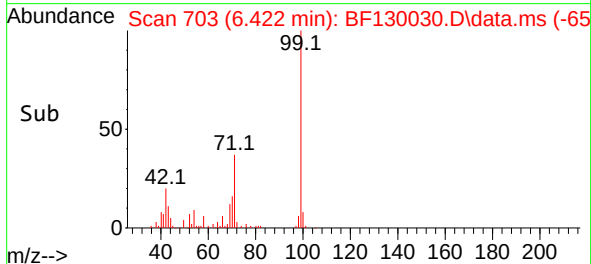
Instrument :
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ClientSampleId :
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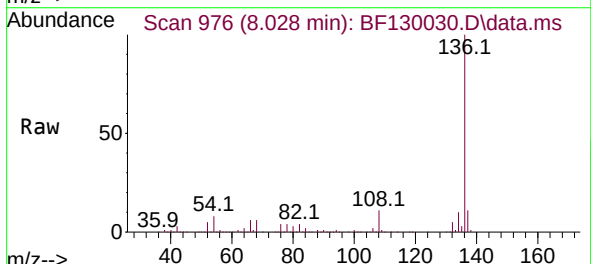
Tgt Ion: 99 Resp: 80980
Ion Ratio Lower Upper
99 100
42 20.3 15.0 22.4
71 36.9 28.8 43.2

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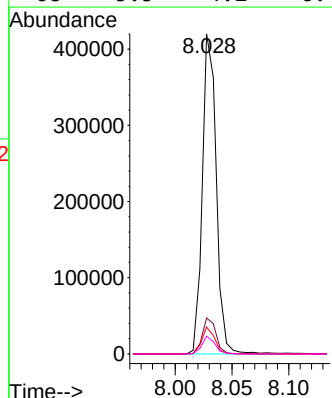
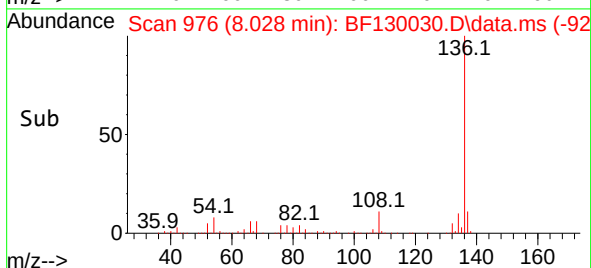
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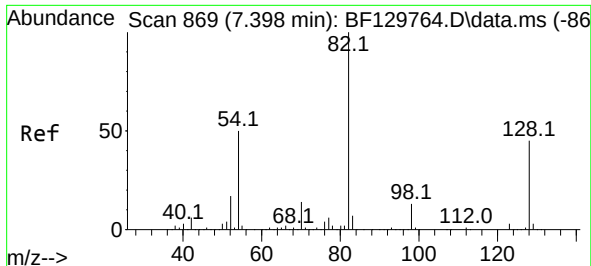


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.028 min Scan# 976
Delta R.T. -0.012 min
Lab File: BF130030.D
Acq: 26 Aug 2022 21:29



Tgt Ion:136 Resp: 357765
Ion Ratio Lower Upper
136 100
137 11.2 8.4 12.6
54 8.4 6.2 9.2
68 5.5 4.2 6.4





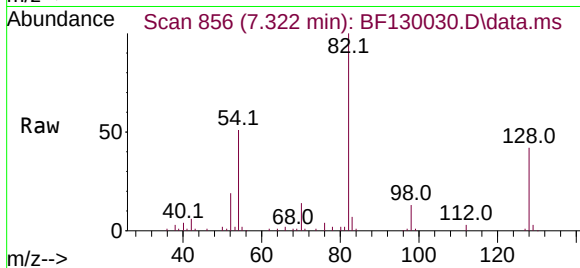
#23
Nitrobenzene-d5
Concen: 7.108 ng
RT: 7.322 min Scan# 80
Delta R.T. -0.012 min
Lab File: BF130030.D
Acq: 26 Aug 2022 21:29

Instrument :

BNA_F

ClientSampleId :

CL-01-082522

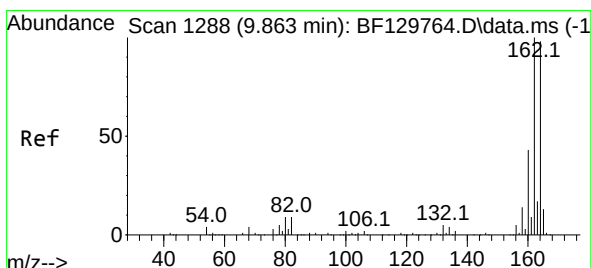
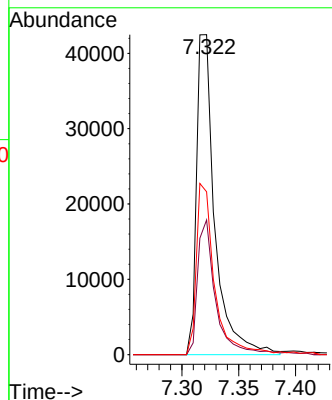
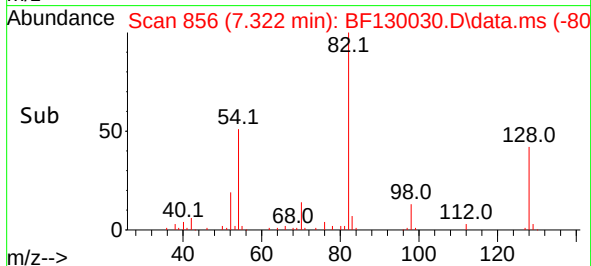


Tgt Ion: 82 Resp: 47506
Ion Ratio Lower Upper
82 100
128 42.1 36.1 54.1
54 50.9 40.0 60.0

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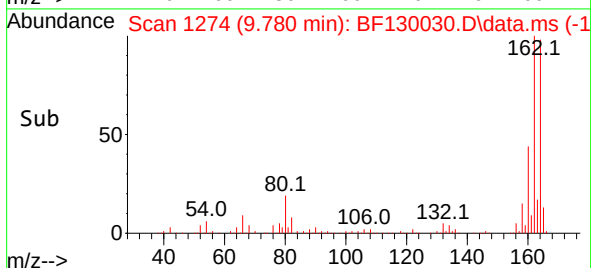
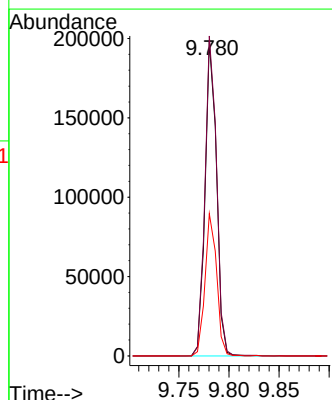
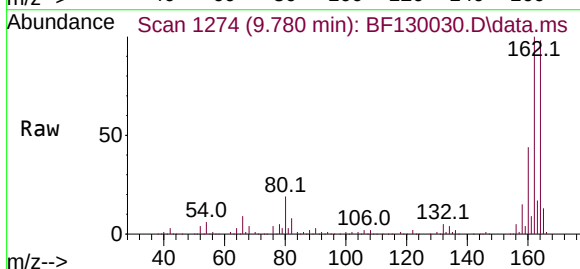
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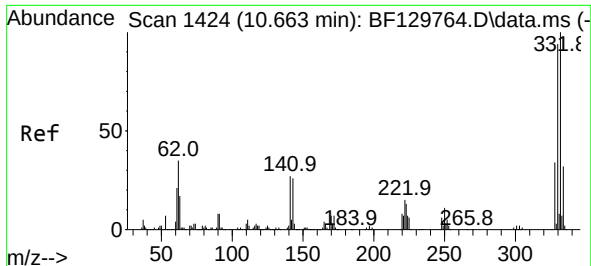
Reviewed By :Christian Giraldo 08/29/2022
Supervised By :Jagrut Upadhyay 08/29/2022



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.780 min Scan# 1274
Delta R.T. -0.012 min
Lab File: BF130030.D
Acq: 26 Aug 2022 21:29

Tgt Ion:164 Resp: 157014
Ion Ratio Lower Upper
164 100
162 102.0 82.0 123.0
160 45.3 35.4 53.0





#42
2,4,6-Tribromophenol
Concen: 7.729 ng
RT: 10.580 min Scan# 1424
Delta R.T. -0.006 min
Lab File: BF130030.D
Acq: 26 Aug 2022 21:29

Instrument :

BNA_F

ClientSampleId :

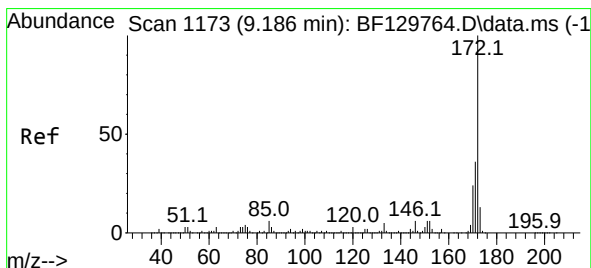
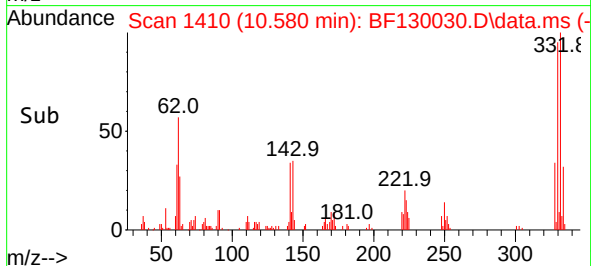
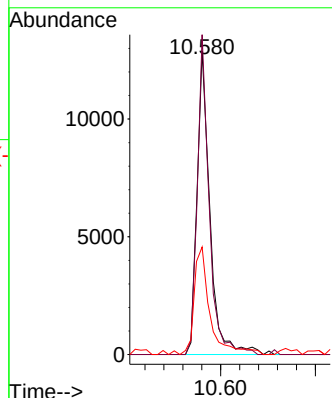
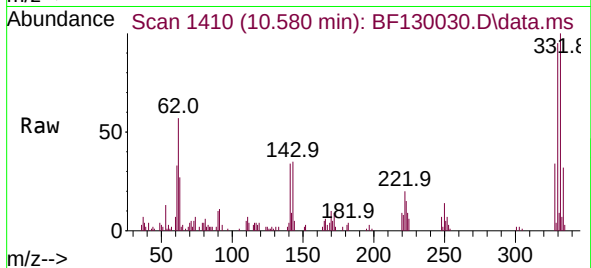
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Tgt Ion: 330 Resp: 12180
Ion Ratio Lower Upper
330 100
332 96.9 82.6 124.0
141 43.2 27.6 41.4

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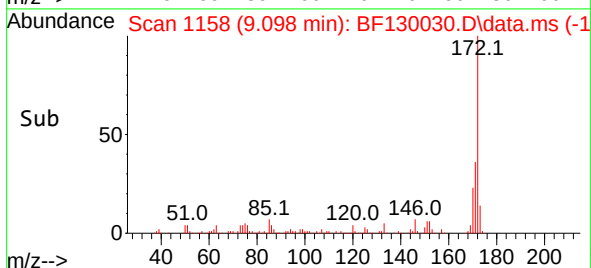
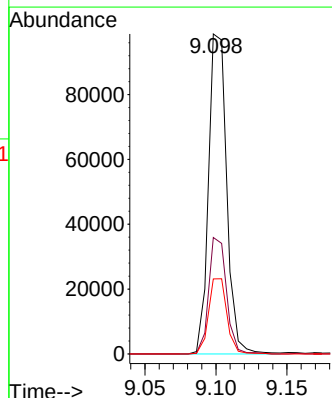
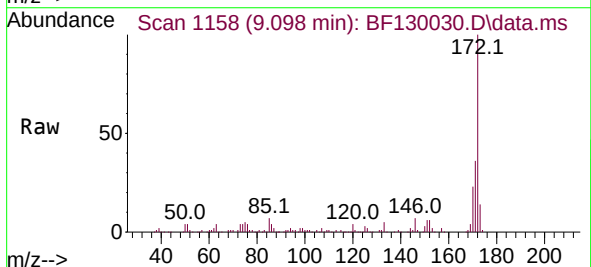
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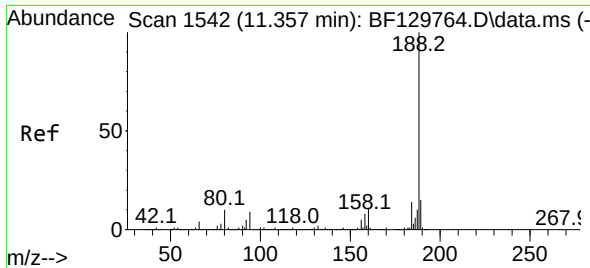
Reviewed By : Christian Giraldo 08/29/2022
Supervised By : Jagrut Upadhyay 08/29/2022



#45
2-Fluorobiphenyl
Concen: 8.499 ng
RT: 9.098 min Scan# 1158
Delta R.T. -0.018 min
Lab File: BF130030.D
Acq: 26 Aug 2022 21:29

Tgt Ion: 172 Resp: 87859
Ion Ratio Lower Upper
172 100
171 36.4 28.4 42.6
170 23.5 19.1 28.7





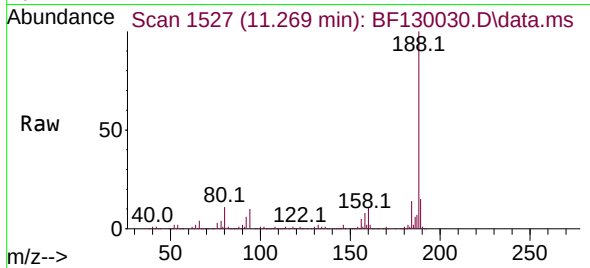
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.269 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF130030.D
Acq: 26 Aug 2022 21:29

Instrument :

BNA_F

ClientSampleId :

CL-01-082522

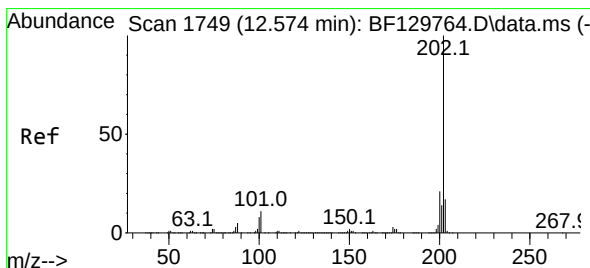
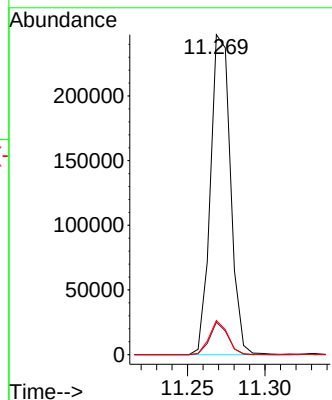
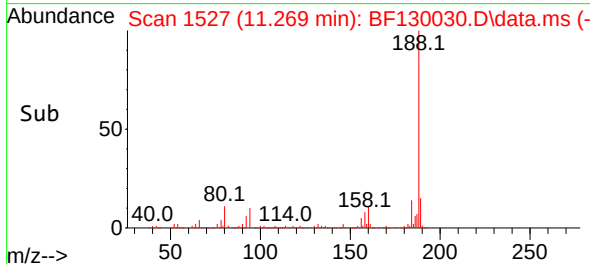


Tgt Ion:188 Resp: 224126
Ion Ratio Lower Upper
188 100
94 10.1 7.4 11.2
80 10.7 7.9 11.9

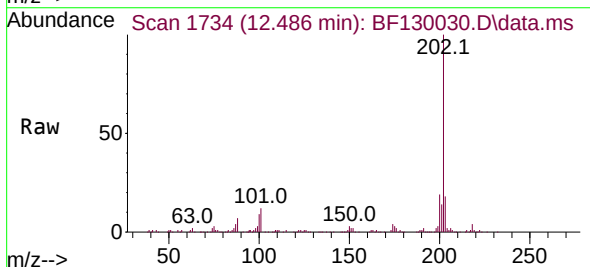
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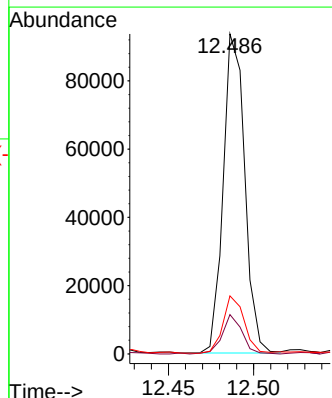
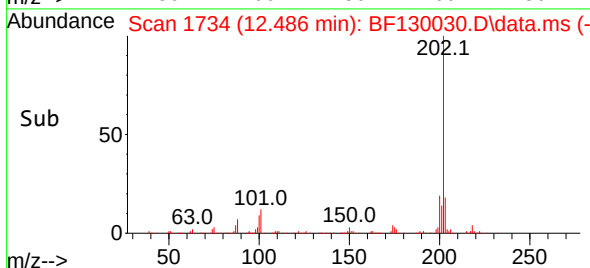
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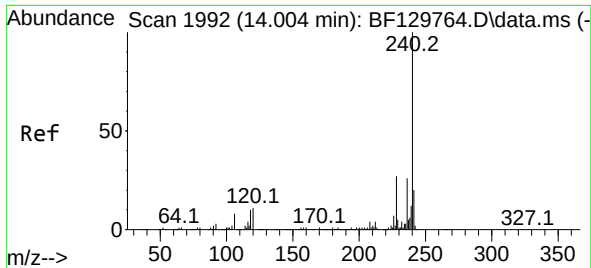


#75
Fluoranthene
Concen: 6.398 ng
RT: 12.486 min Scan# 1734
Delta R.T. -0.012 min
Lab File: BF130030.D
Acq: 26 Aug 2022 21:29



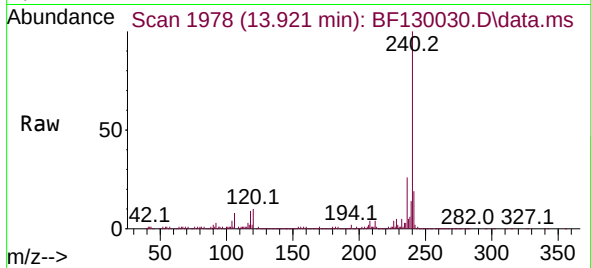
Tgt Ion:202 Resp: 81950
Ion Ratio Lower Upper
202 100
101 12.3 0.0 30.7
203 18.1 0.0 37.5





#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.921 min Scan# 1992
Delta R.T. -0.006 min
Lab File: BF130030.D
Acq: 26 Aug 2022 21:29

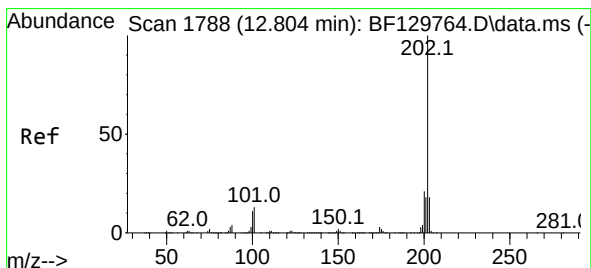
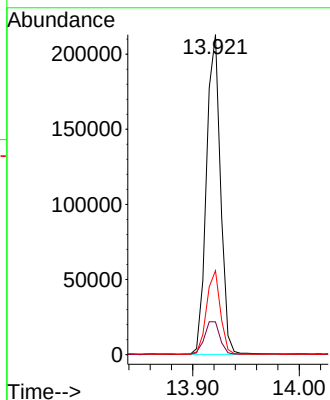
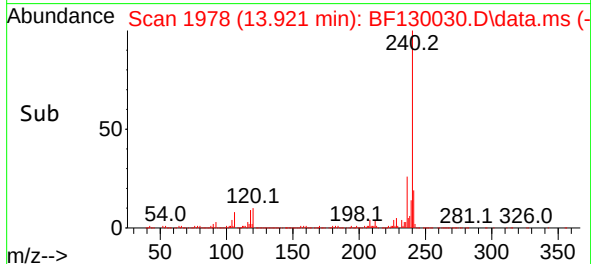
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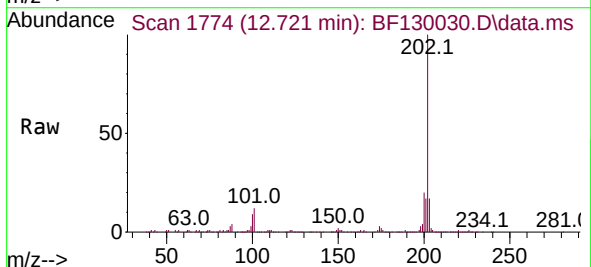
Tgt Ion:240 Resp: 19447
Ion Ratio Lower Upper
240 100
120 10.2 9.2 13.8
236 26.2 20.7 31.1

Manual Integrations
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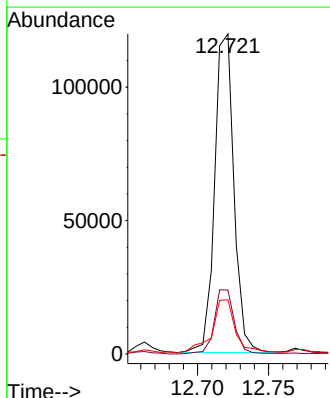
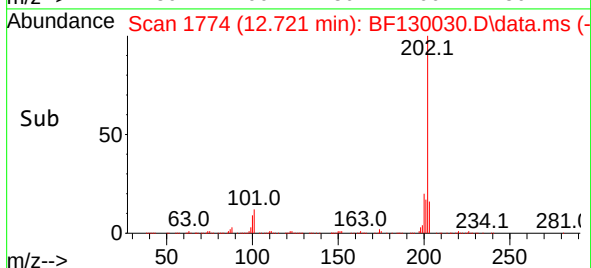
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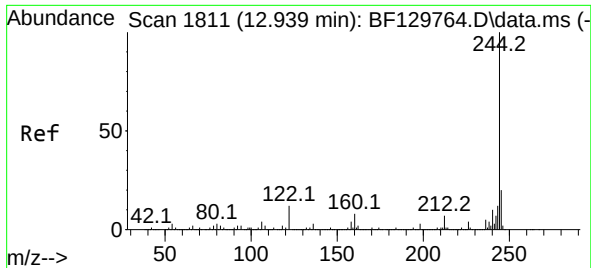


#78
Pyrene
Concen: 6.704 ng
RT: 12.721 min Scan# 1774
Delta R.T. -0.006 min
Lab File: BF130030.D
Acq: 26 Aug 2022 21:29



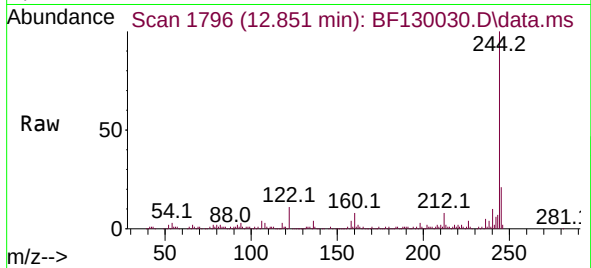
Tgt Ion:202 Resp: 113296
Ion Ratio Lower Upper
202 100
200 19.9 17.0 25.6
203 16.9 14.1 21.1





#79
Terphenyl-d14
Concen: 6.456 ng
RT: 12.851 min Scan# 1796
Delta R.T. -0.012 min
Lab File: BF130030.D
Acq: 26 Aug 2022 21:29

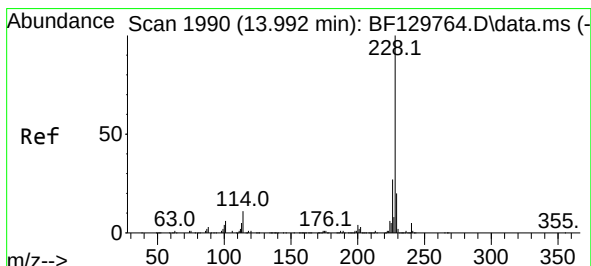
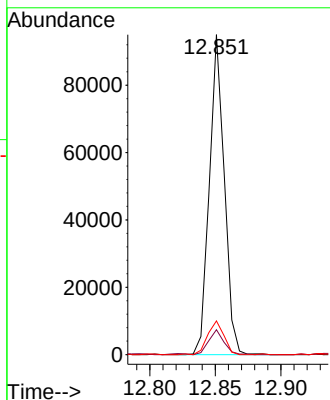
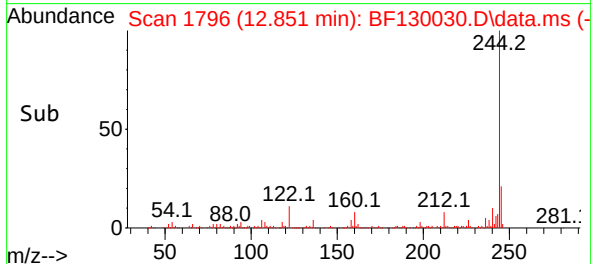
Instrument :
BNA_F
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CL-01-082522



Tgt Ion:244 Resp: 75453
Ion Ratio Lower Upper
244 100
212 7.8 5.9 8.9
122 10.5 9.9 14.9

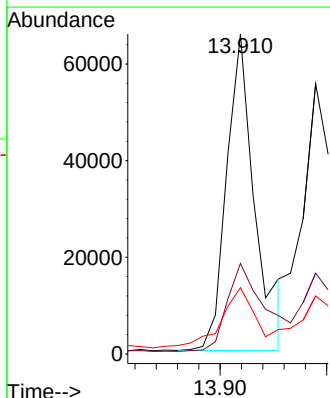
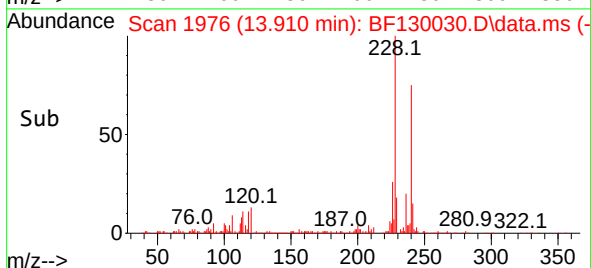
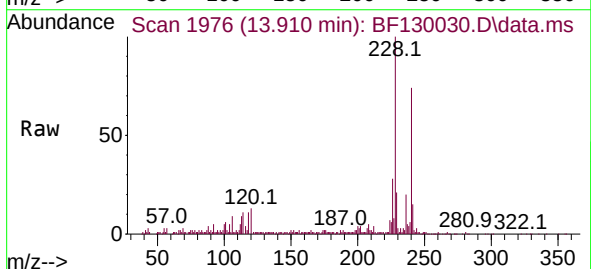
Manual Integrations
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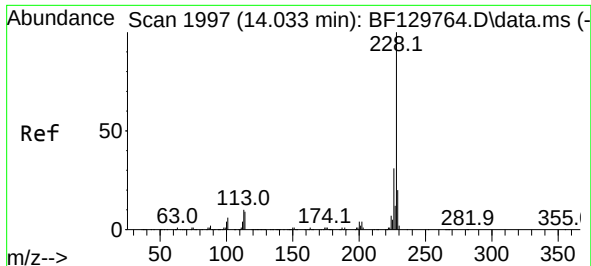
Reviewed By :Christian Giraldo 08/29/2022
Supervised By :Jagrut Upadhyay 08/29/2022



#81
Benzo(a)anthracene
Concen: 4.550 ng
RT: 13.910 min Scan# 1976
Delta R.T. -0.006 min
Lab File: BF130030.D
Acq: 26 Aug 2022 21:29

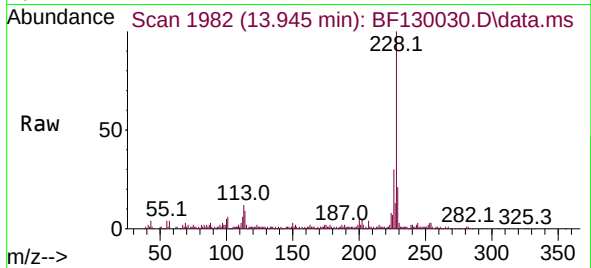
Tgt Ion:228 Resp: 60869
Ion Ratio Lower Upper
228 100
226 28.3 21.4 32.0
229 20.7 16.1 24.1





#83
Chrysene
Concen: 4.312 ng
RT: 13.945 min Scan# 1997
Delta R.T. -0.006 min
Lab File: BF130030.D
Acq: 26 Aug 2022 21:29

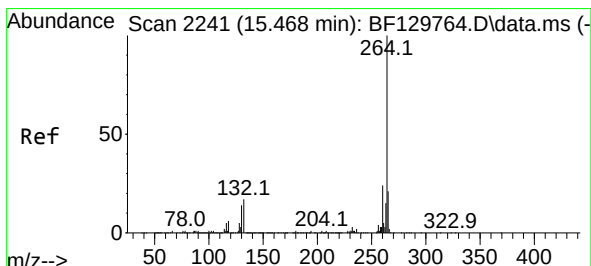
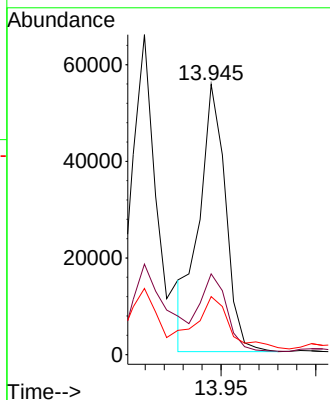
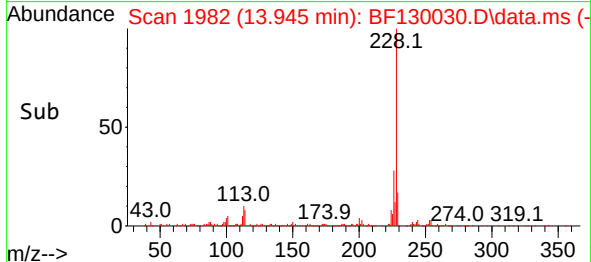
Instrument :
BNA_F
ClientSampleId :
CL-01-082522



Tgt Ion:228 Resp: 53998
Ion Ratio Lower Upper
228 100
226 29.9 24.4 36.6
229 21.5 15.9 23.9

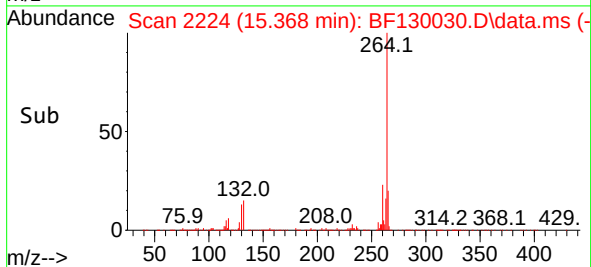
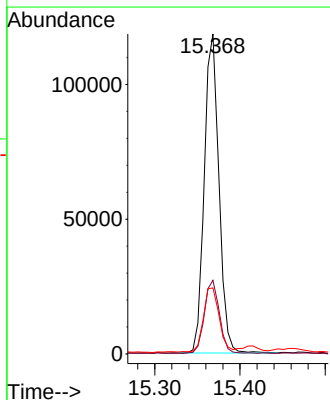
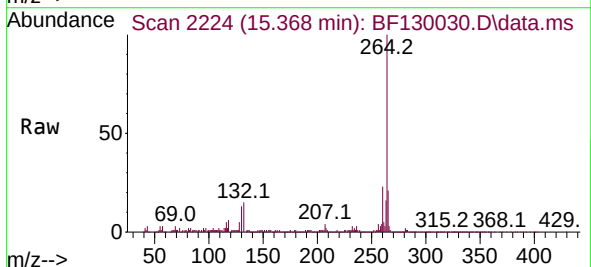
Manual Integrations
APPROVED

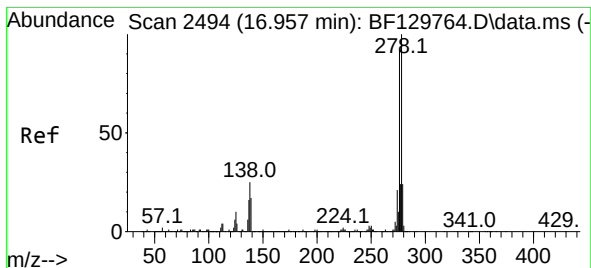
Reviewed By :Christian Giraldo 08/29/2022
Supervised By :Jagrut Upadhyay 08/29/2022



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.368 min Scan# 2224
Delta R.T. -0.000 min
Lab File: BF130030.D
Acq: 26 Aug 2022 21:29

Tgt Ion:264 Resp: 141453
Ion Ratio Lower Upper
264 100
260 23.0 19.1 28.7
265 20.6 16.7 25.1





#87

Indeno(1,2,3-cd)pyrene

Concen: 2.725 ng

RT: 16.815 min Scan# 2494

Delta R.T. -0.000 min

Lab File: BF130030.D

Acq: 26 Aug 2022 21:29

Instrument :

BNA_F

ClientSampleId :

CL-01-082522

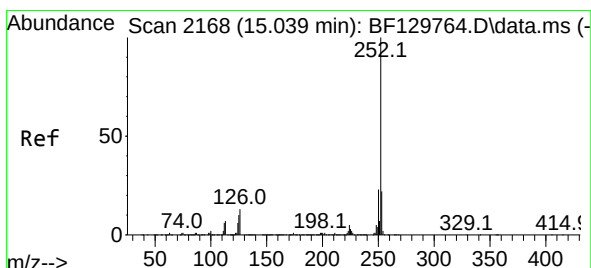
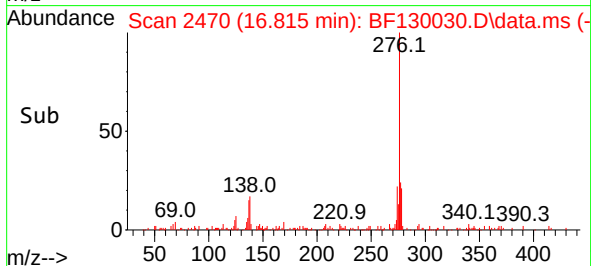
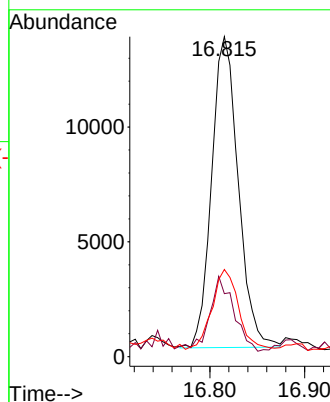
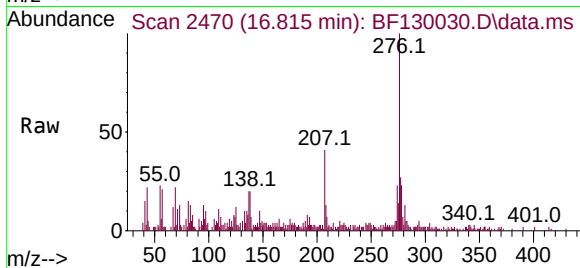
Tgt Ion:	276	Resp:	26458
Ion Ratio	Lower	Upper	
276	100		
138	20.9	19.8	29.8
277	25.3	20.4	30.6

Manual Integrations

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Reviewed By :Christian Giraldo 08/29/2022

Supervised By :Jagrut Upadhyay 08/29/2022



#88

Benzo(b)fluoranthene

Concen: 6.305 ng m

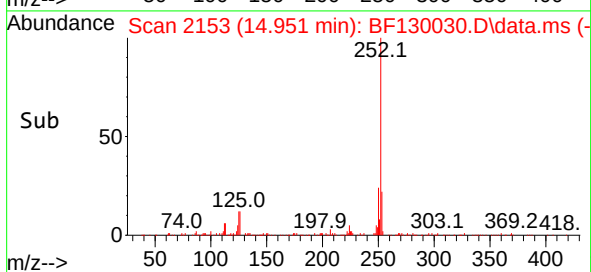
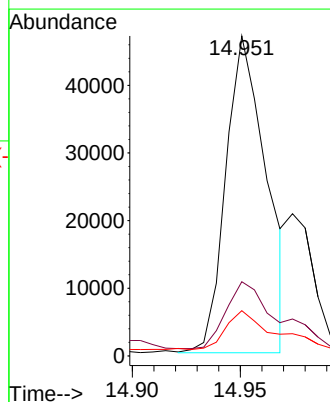
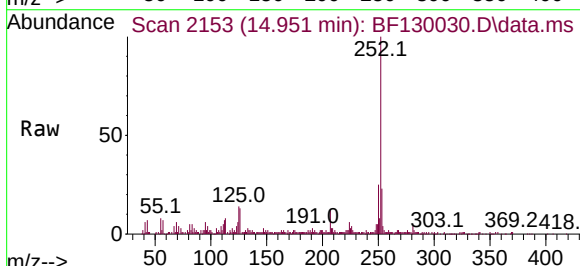
RT: 14.951 min Scan# 2153

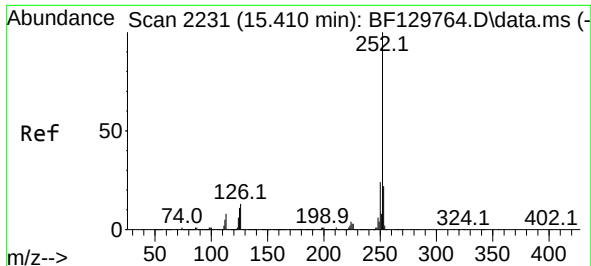
Delta R.T. -0.000 min

Lab File: BF130030.D

Acq: 26 Aug 2022 21:29

Tgt Ion:	252	Resp:	61075
Ion Ratio	Lower	Upper	
252	100		
253	23.2	17.5	26.3
125	14.1	8.3	12.5





#90
Benzo(a)pyrene
Concen: 6.064 ng
RT: 15.309 min Scan# 21
Delta R.T. -0.000 min
Lab File: BF130030.D
Acq: 26 Aug 2022 21:29

Instrument :

BNA_F

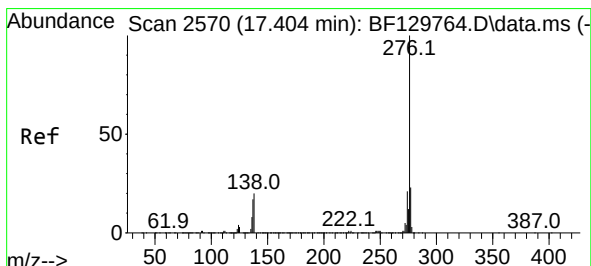
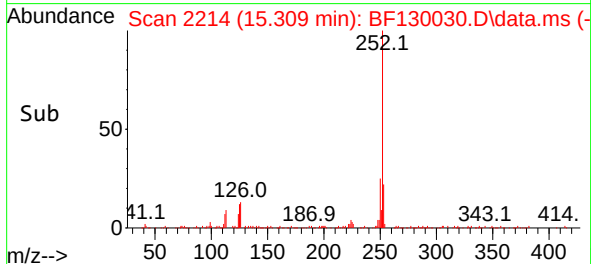
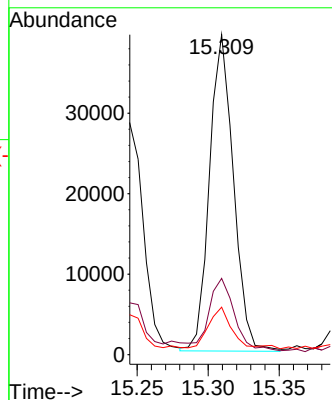
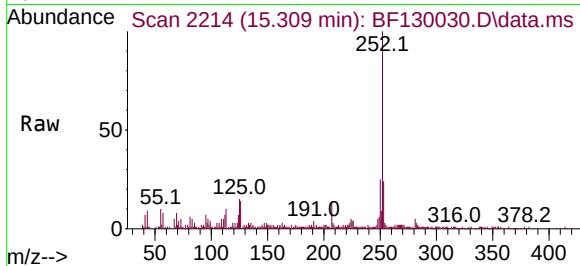
ClientSampleId :

CL-01-082522

Tgt Ion:252 Resp: 46256
Ion Ratio Lower Upper
252 100
253 23.9 17.2 25.8
125 14.8 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 08/29/2022
Supervised By :Jagrut Upadhyay 08/29/2022



#92
Benzo(g,h,i)perylene
Concen: 3.584 ng
RT: 17.256 min Scan# 2545
Delta R.T. 0.012 min
Lab File: BF130030.D
Acq: 26 Aug 2022 21:29

Tgt Ion:276 Resp: 28647
Ion Ratio Lower Upper
276 100
277 26.8 18.2 27.4
138 22.0 15.8 23.8

