

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051622\
 Data File : BF128281.D
 Acq On : 16 May 2022 21:45
 Operator : CG\JU
 Sample : N2856-01
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HR-02-051322

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 05/17/2022
 Supervised By : Jagrut Upadhyay 05/17/2022

Quant Time: May 17 06:23:25 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat May 14 00:51:21 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	72063	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	254294	20.000	ng	0.00
39) Acenaphthene-d10	9.928	164	132014	20.000	ng	0.00
64) Phenanthrene-d10	11.422	188	237845	20.000	ng	0.00
76) Chrysene-d12	14.069	240	127454	20.000	ng	0.00
86) Perylene-d12	15.574	264	95507	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	248945	55.070	ng	0.00
7) Phenol-d6	6.516	99	307781	51.476	ng	-0.01
23) Nitrobenzene-d5	7.451	82	203420	35.995	ng	-0.01
42) 2,4,6-Tribromophenol	10.722	330	75551	49.900	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	338185	40.083	ng	0.00
79) Terphenyl-d14	13.004	244	340989	50.201	ng	0.00
Target Compounds						Qvalue
15) Benzyl Alcohol	7.040	79	532827	112.768	ng	96
71) Phenanthrene	11.445	178	36278	3.063	ng	99
75) Fluoranthene	12.639	202	66609	5.188	ng	98
78) Pyrene	12.869	202	62395	6.752	ng	99
81) Benzo(a)anthracene	14.057	228	18566	2.281	ng	# 81
83) Chrysene	14.098	228	28671	3.691	ng	# 92
84) Bis(2-ethylhexyl)phtha...	14.033	149	41586	8.011	ng	# 98
88) Benzo(b)fluoranthene	15.127	252	26587m	4.491	ng	
90) Benzo(a)pyrene	15.510	252	13407	2.805	ng	# 43
92) Benzo(g,h,i)perylene	17.562	276	14979	3.163	ng	# 80

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

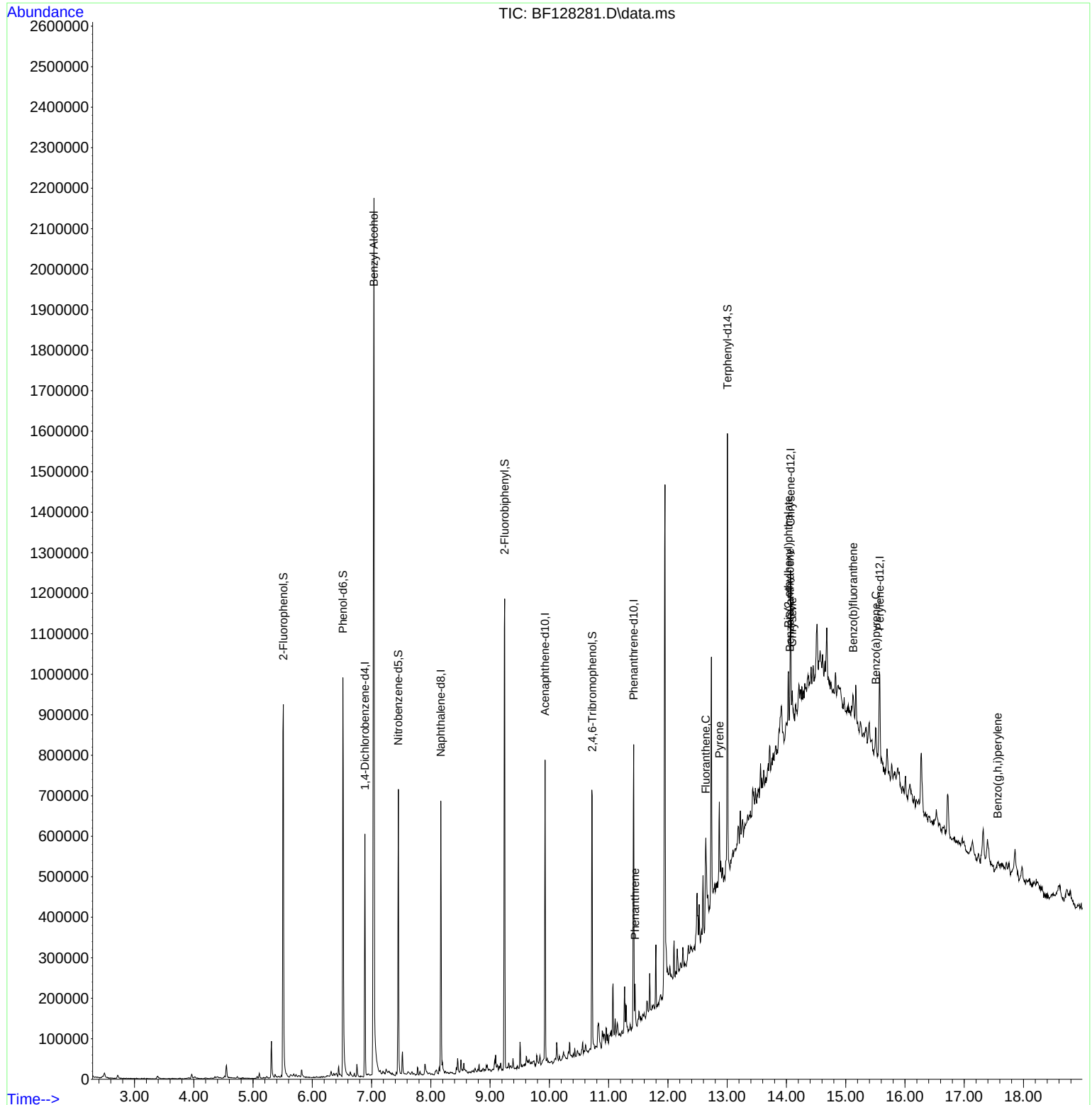
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051622\
Data File : BF128281.D
Acq On : 16 May 2022 21:45
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ALS Vial : 25 Sample Multiplier: 1

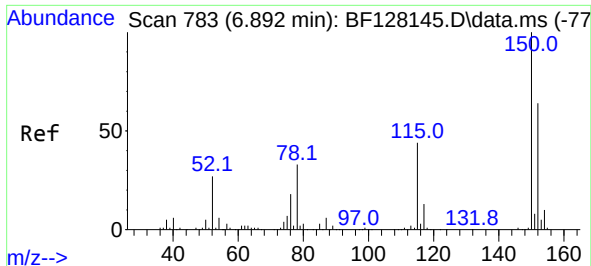
Instrument :
BNA_F
ClientSampleId :
HR-02-051322

Quant Time: May 17 06:23:25 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat May 14 00:51:21 2022
Response via : Initial Calibration

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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.887 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF128281.D
Acq: 16 May 2022 21:45

Instrument :

BNA_F

ClientSampleId :

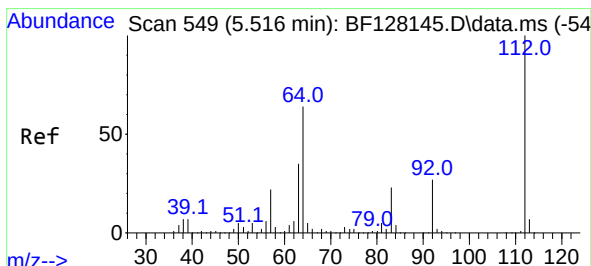
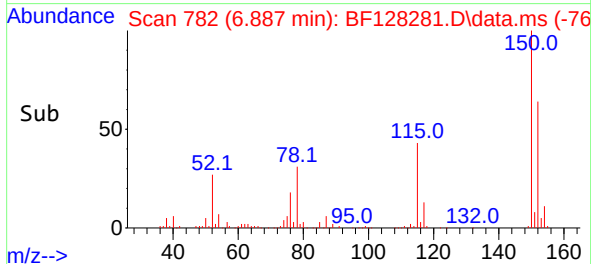
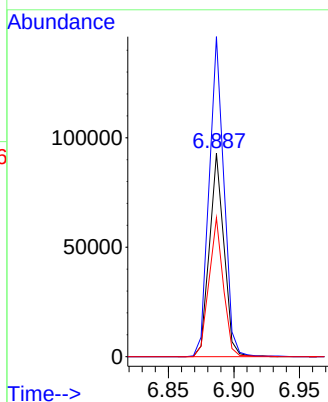
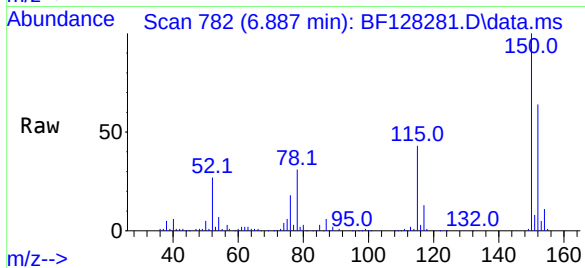
HR-02-051322

Tgt Ion:152 Resp: 7206
Ion Ratio Lower Upper
152 100
150 157.3 125.3 187.9
115 68.3 48.8 73.2

Manual Integrations

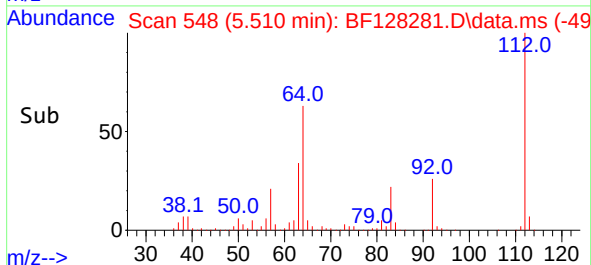
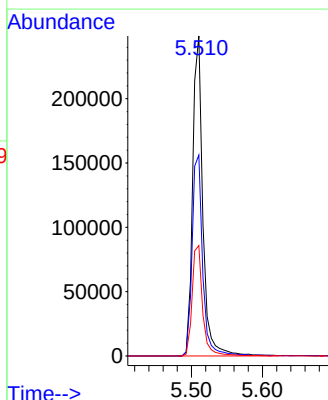
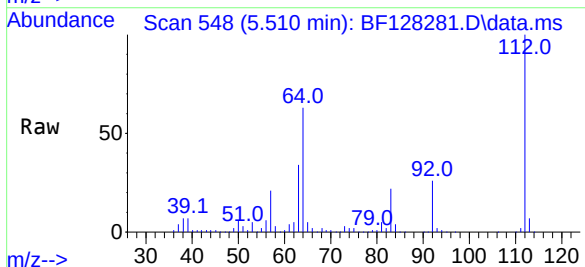
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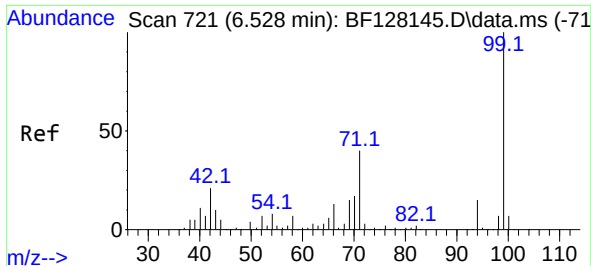
Reviewed By :Christian Giraldo 05/17/2022
Supervised By :Jagrut Upadhyay 05/17/2022



#5
2-Fluorophenol
Concen: 55.070 ng
RT: 5.510 min Scan# 548
Delta R.T. 0.000 min
Lab File: BF128281.D
Acq: 16 May 2022 21:45

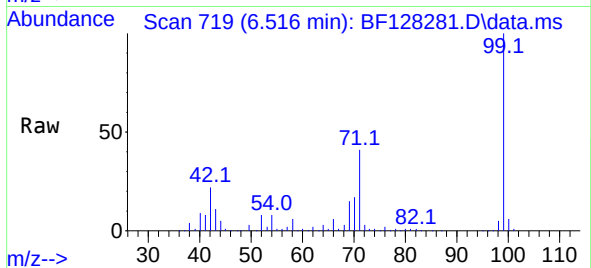
Tgt Ion:112 Resp: 248945
Ion Ratio Lower Upper
112 100
64 62.8 49.5 74.3
63 34.5 26.3 39.5





#7
Phenol-d6
Concen: 51.476 ng
RT: 6.516 min Scan# 719
Delta R.T. -0.012 min
Lab File: BF128281.D
Acq: 16 May 2022 21:45

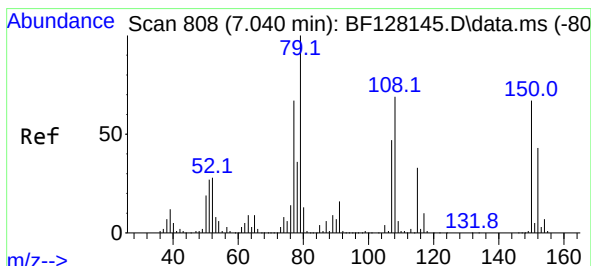
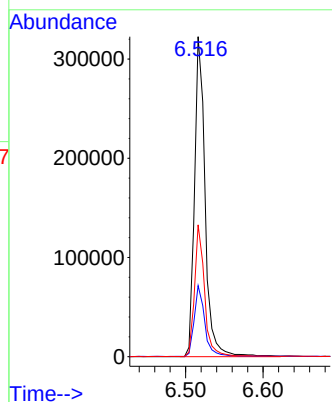
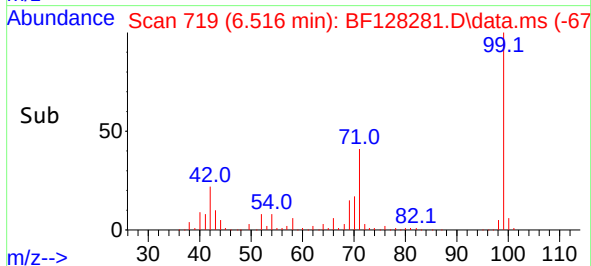
Instrument :
BNA_F
ClientSampleId :
HR-02-051322



Tgt Ion: 99 Resp: 30778
Ion Ratio Lower Upper
99 100
42 22.2 16.6 24.8
71 41.2 30.0 45.0

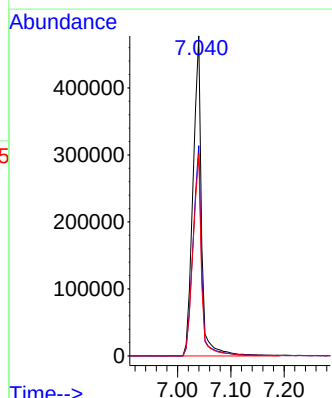
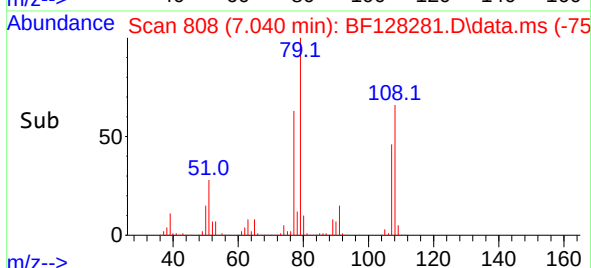
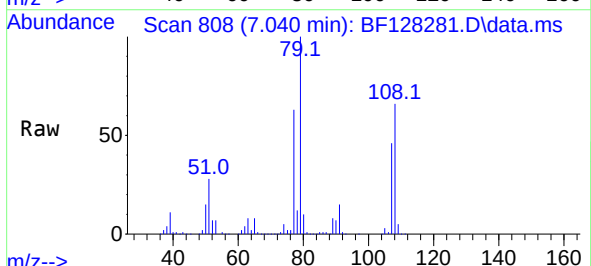
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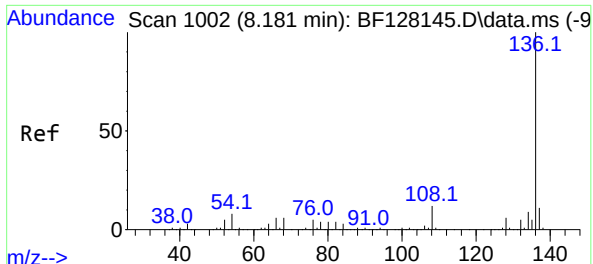
Reviewed By :Christian Giraldo 05/17/2022
Supervised By :Jagrut Upadhyay 05/17/2022



#15
Benzyl Alcohol
Concen: 112.768 ng
RT: 7.040 min Scan# 808
Delta R.T. 0.006 min
Lab File: BF128281.D
Acq: 16 May 2022 21:45

Tgt Ion: 79 Resp: 532827
Ion Ratio Lower Upper
79 100
108 65.7 57.0 85.6
77 63.1 50.2 75.4





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 10
Delta R.T. -0.006 min
Lab File: BF128281.D
Acq: 16 May 2022 21:45

Instrument :

BNA_F

ClientSampleId :

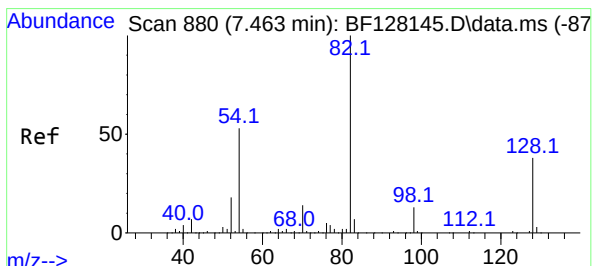
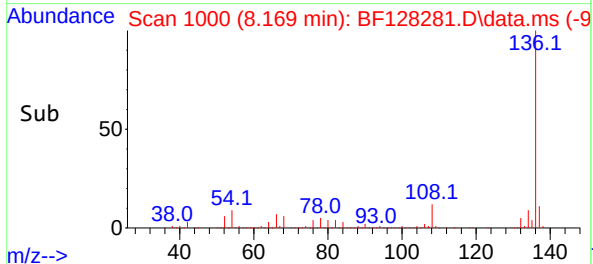
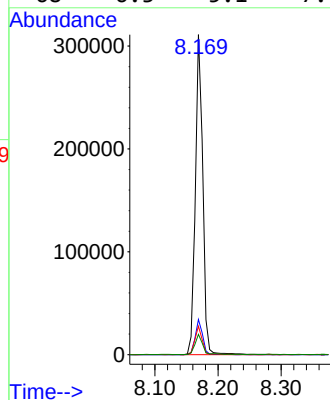
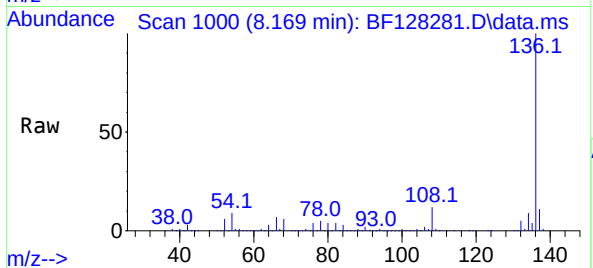
HR-02-051322

Tgt Ion:136 Resp: 254294
Ion Ratio Lower Upper
136 100
137 11.0 8.6 13.0
54 8.9 6.8 10.2
68 6.3 5.1 7.7

Manual Integrations

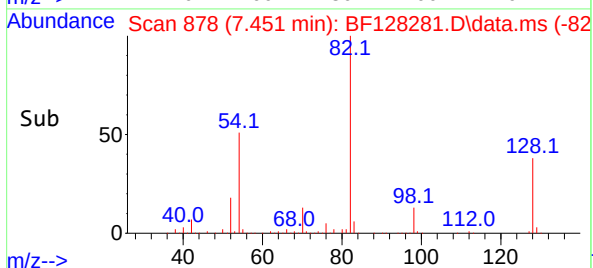
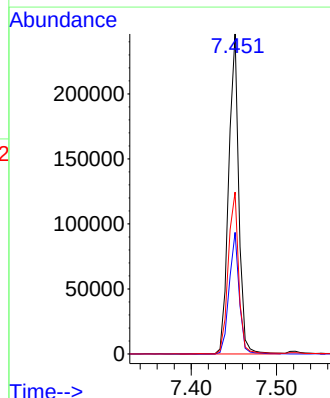
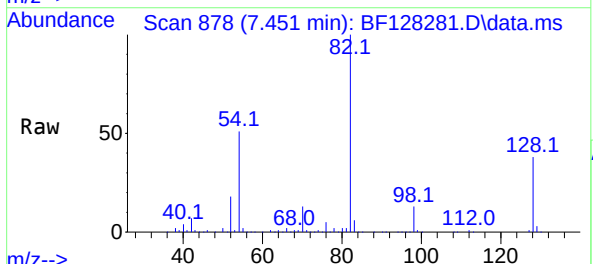
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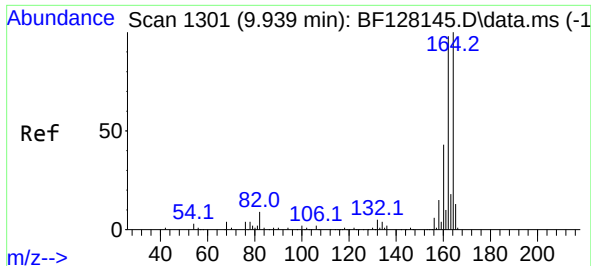
Reviewed By :Christian Giraldo 05/17/2022
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#23
Nitrobenzene-d5
Concen: 35.995 ng
RT: 7.451 min Scan# 878
Delta R.T. -0.012 min
Lab File: BF128281.D
Acq: 16 May 2022 21:45

Tgt Ion: 82 Resp: 203420
Ion Ratio Lower Upper
82 100
128 38.0 30.0 45.0
54 50.6 41.3 61.9





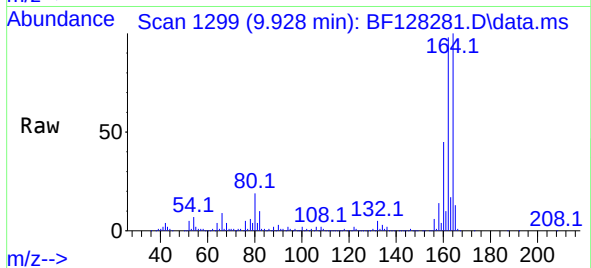
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.928 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF128281.D
Acq: 16 May 2022 21:45

Instrument :

BNA_F

ClientSampleId :

HR-02-051322

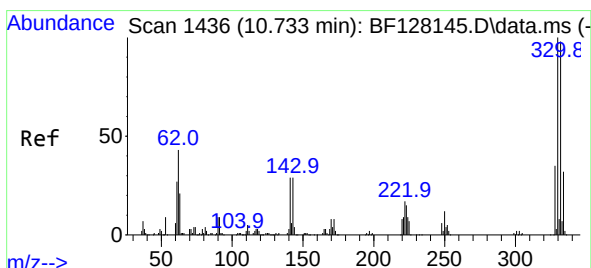
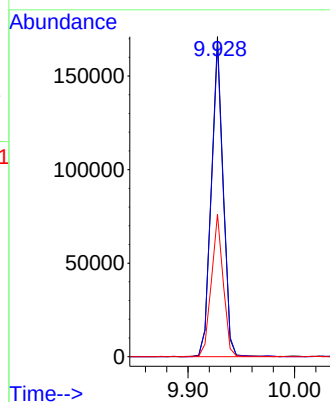
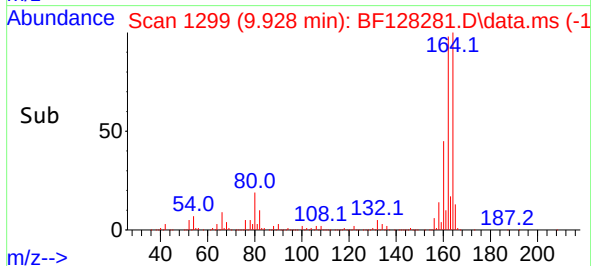


Tgt Ion:164 Resp: 132014
Ion Ratio Lower Upper
164 100
162 97.9 76.0 114.0
160 44.5 34.8 52.2

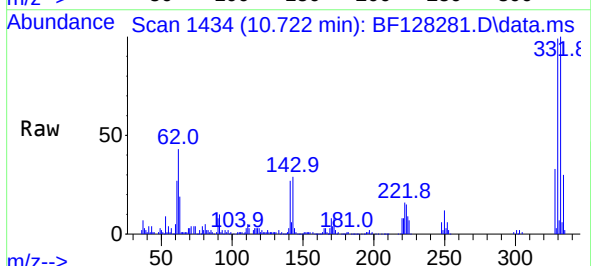
Manual Integrations

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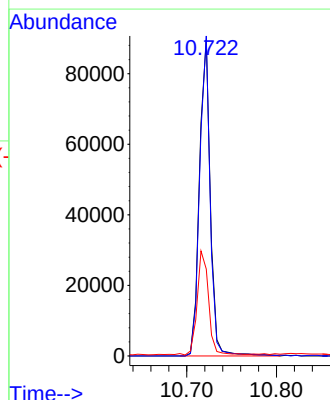
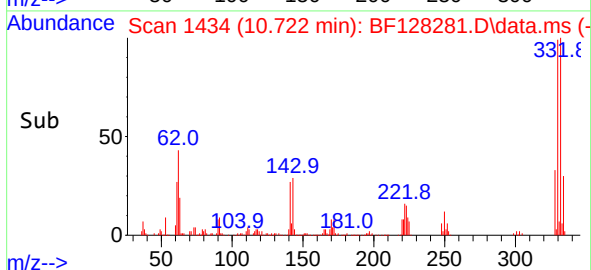
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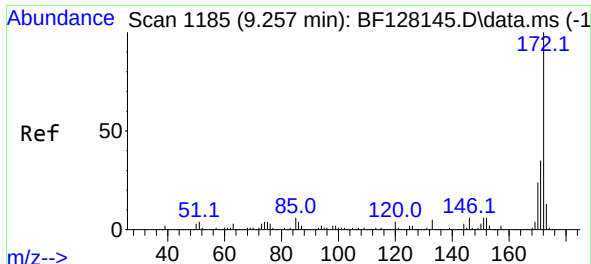


#42
2,4,6-Tribromophenol
Concen: 49.900 ng
RT: 10.722 min Scan# 1434
Delta R.T. -0.006 min
Lab File: BF128281.D
Acq: 16 May 2022 21:45



Tgt Ion:330 Resp: 75551
Ion Ratio Lower Upper
330 100
332 97.6 79.0 118.4
141 33.6 28.9 43.3





#45
2-Fluorobiphenyl
Concen: 40.083 ng
RT: 9.245 min Scan# 1183
Delta R.T. -0.006 min
Lab File: BF128281.D
Acq: 16 May 2022 21:45

Instrument :

BNA_F

ClientSampleId :

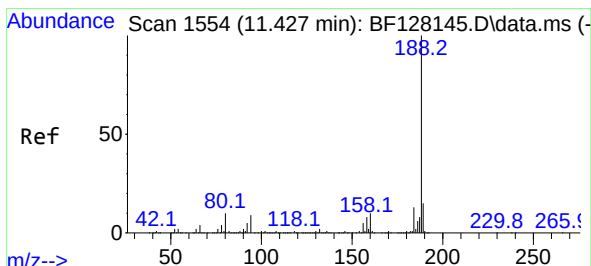
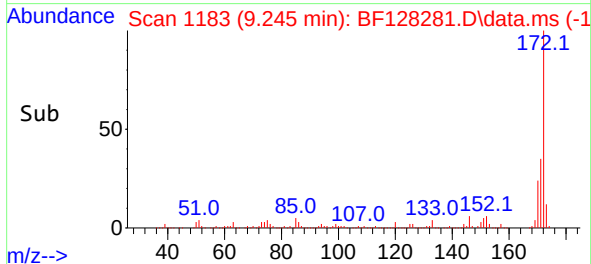
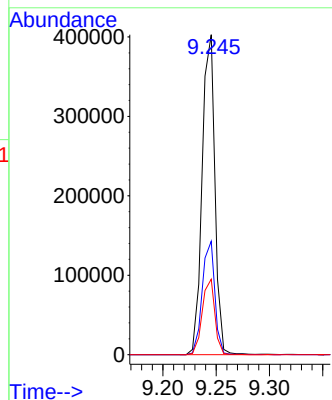
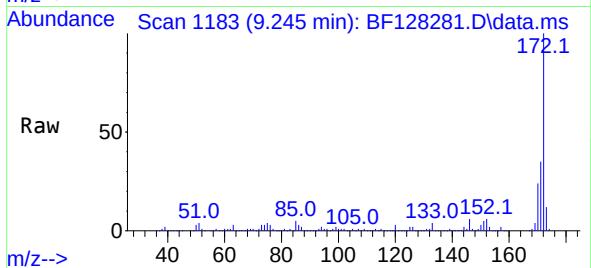
HR-02-051322

Tgt Ion:172 Resp: 338185
Ion Ratio Lower Upper
172 100
171 35.4 28.6 42.8
170 23.6 19.1 28.7

Manual Integrations

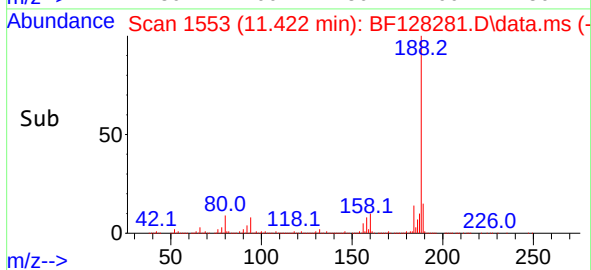
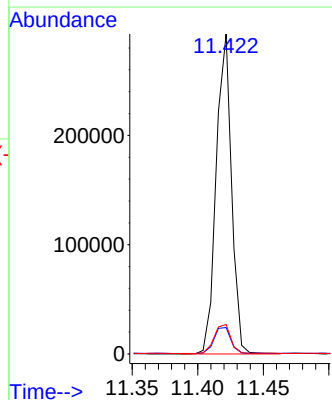
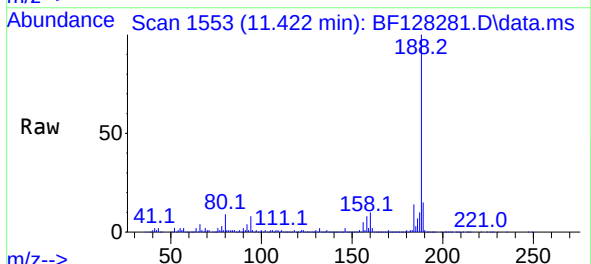
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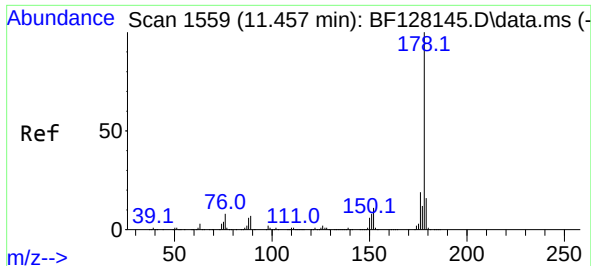
Reviewed By :Christian Giraldo 05/17/2022
Supervised By :Jagrut Upadhyay 05/17/2022



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.422 min Scan# 1553
Delta R.T. 0.000 min
Lab File: BF128281.D
Acq: 16 May 2022 21:45

Tgt Ion:188 Resp: 237845
Ion Ratio Lower Upper
188 100
94 8.3 8.0 12.0
80 9.2 8.9 13.3





#71
Phenanthrene
Concen: 3.063 ng
RT: 11.445 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF128281.D
Acq: 16 May 2022 21:45

Instrument :

BNA_F

ClientSampleId :

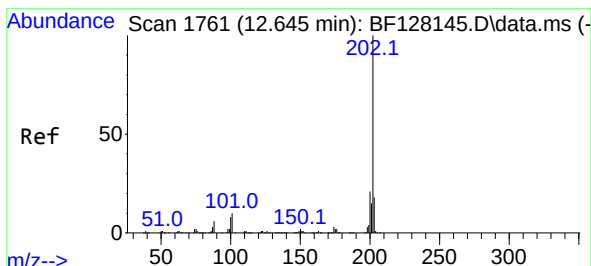
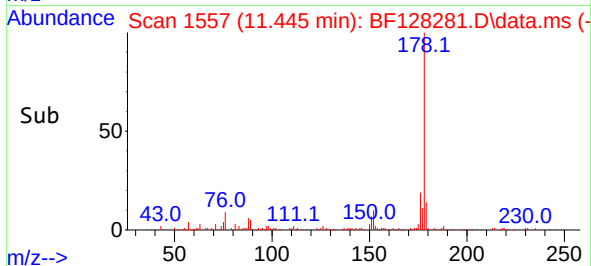
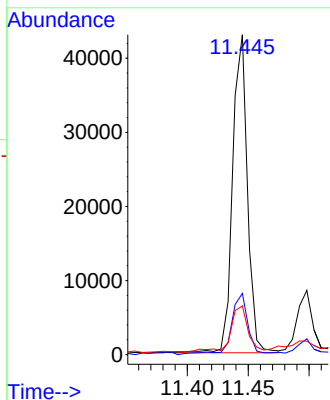
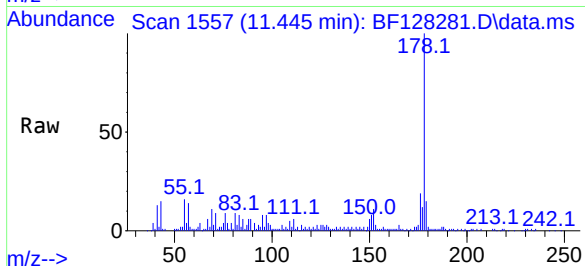
HR-02-051322

Tgt Ion:178 Resp: 36278
Ion Ratio Lower Upper
178 100
176 19.1 15.7 23.5
179 15.3 12.6 19.0

Manual Integrations

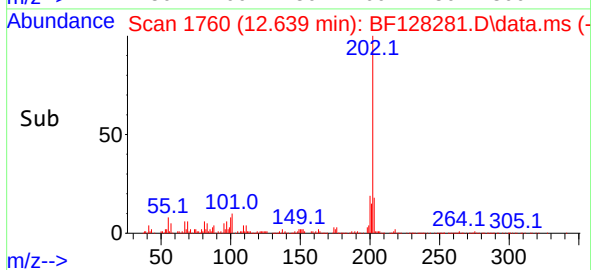
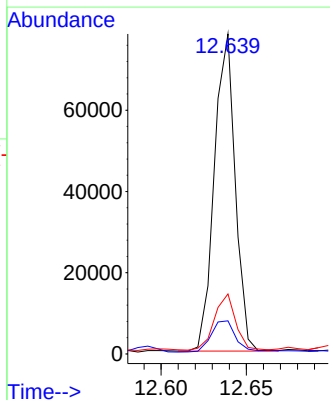
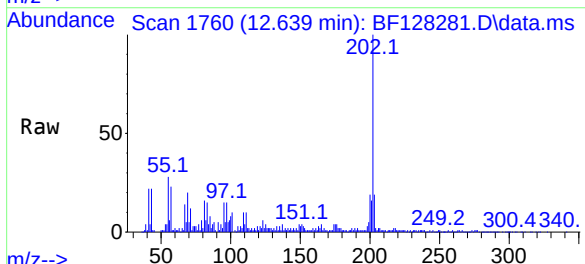
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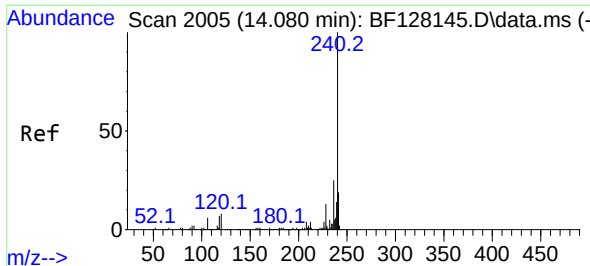
Reviewed By :Christian Giraldo 05/17/2022
Supervised By :Jagrut Upadhyay 05/17/2022



#75
Fluoranthene
Concen: 5.188 ng
RT: 12.639 min Scan# 1760
Delta R.T. 0.000 min
Lab File: BF128281.D
Acq: 16 May 2022 21:45

Tgt Ion:202 Resp: 66609
Ion Ratio Lower Upper
202 100
101 10.3 0.0 31.6
203 18.7 0.0 38.1





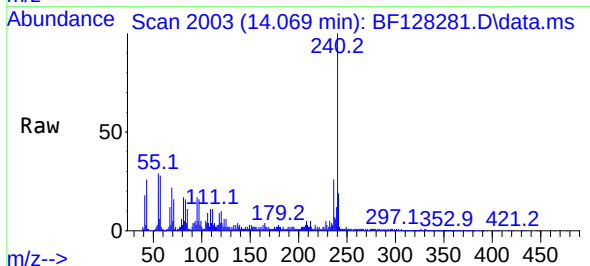
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.069 min Scan# 20
Delta R.T. 0.000 min
Lab File: BF128281.D
Acq: 16 May 2022 21:45

Instrument :

BNA_F

ClientSampleId :

HR-02-051322

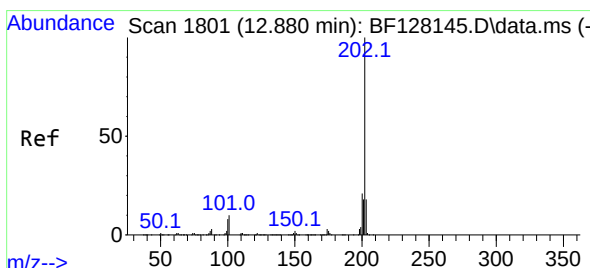
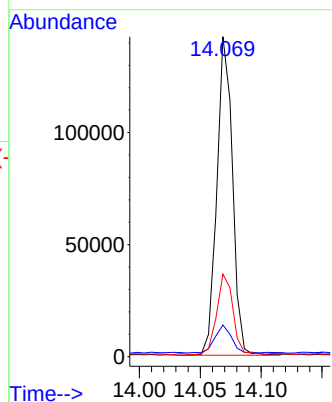
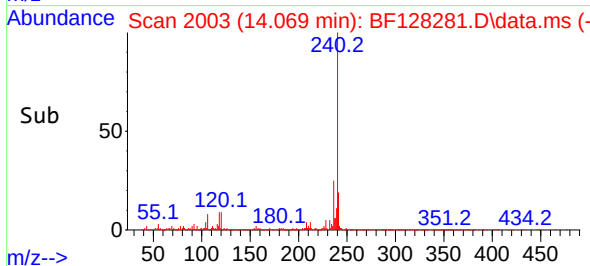


Tgt Ion:240 Resp: 127454
Ion Ratio Lower Upper
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236 25.8 20.3 30.5

Manual Integrations

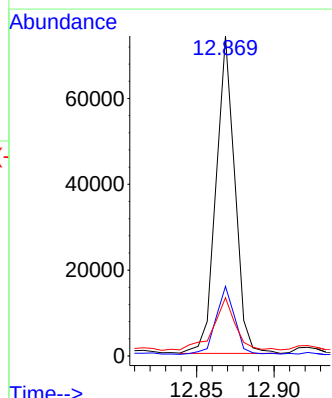
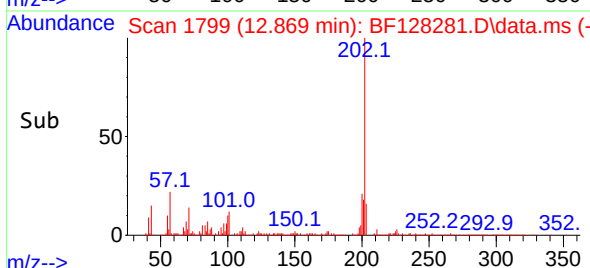
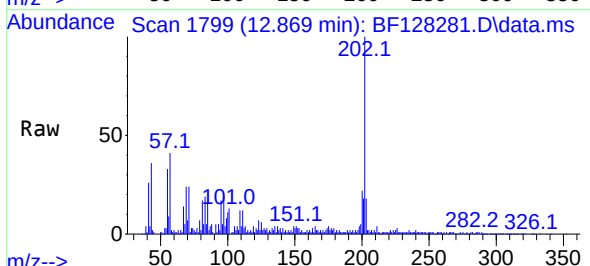
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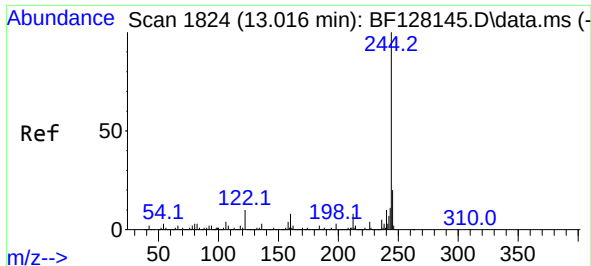
Reviewed By :Christian Giraldo 05/17/2022
Supervised By :Jagrut Upadhyay 05/17/2022



#78
Pyrene
Concen: 6.752 ng
RT: 12.869 min Scan# 1799
Delta R.T. 0.000 min
Lab File: BF128281.D
Acq: 16 May 2022 21:45

Tgt Ion:202 Resp: 62395
Ion Ratio Lower Upper
202 100
200 21.8 17.4 26.2
203 18.2 14.0 21.0





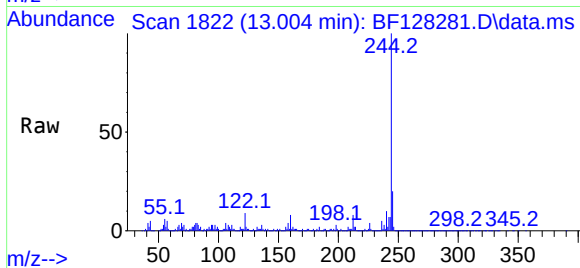
#79
 Terphenyl-d14
 Concen: 50.201 ng
 RT: 13.004 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF128281.D
 Acq: 16 May 2022 21:45

Instrument :

BNA_F

ClientSampleId :

HR-02-051322

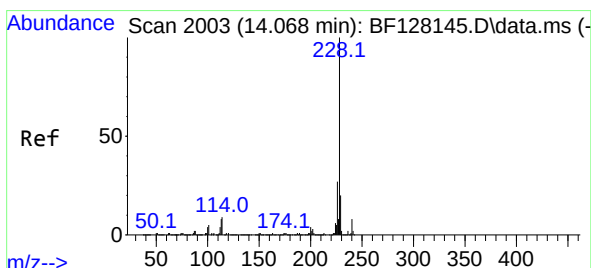
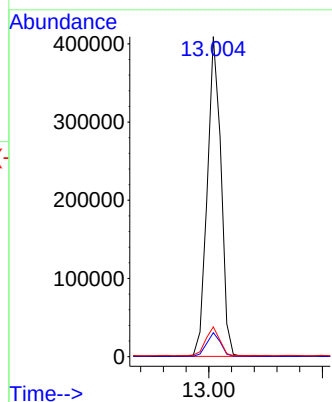
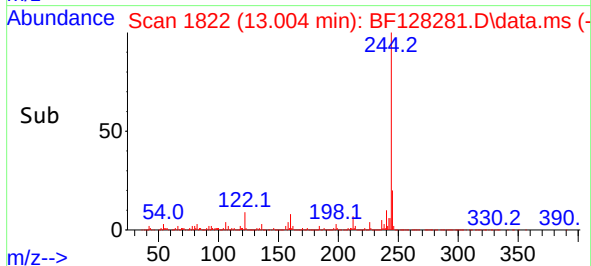


Tgt Ion:244 Resp: 340989
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.2 9.4
 122 9.3 8.6 12.8

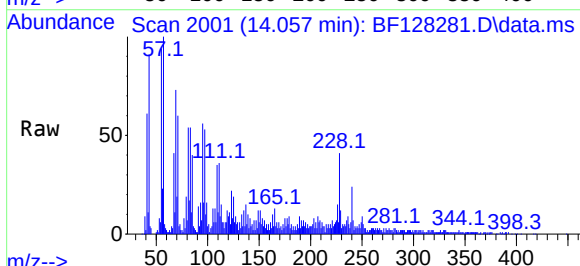
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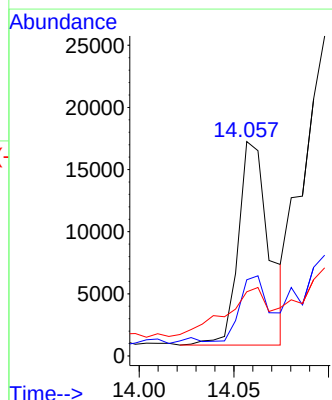
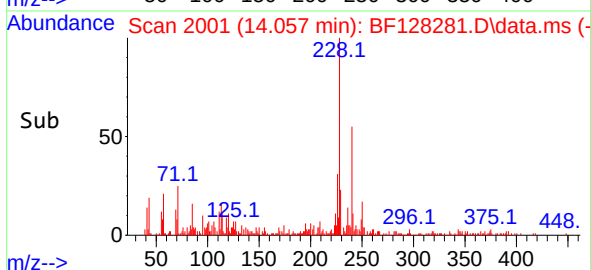
Reviewed By :Christian Giraldo 05/17/2022
 Supervised By :Jagrut Upadhyay 05/17/2022

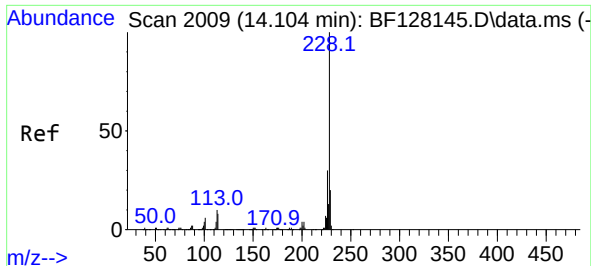


#81
 Benzo(a)anthracene
 Concen: 2.281 ng
 RT: 14.057 min Scan# 2001
 Delta R.T. 0.000 min
 Lab File: BF128281.D
 Acq: 16 May 2022 21:45



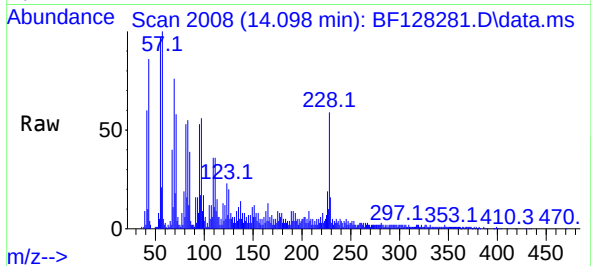
Tgt Ion:228 Resp: 18566
 Ion Ratio Lower Upper
 228 100
 226 35.5 21.7 32.5#
 229 29.9 15.4 23.2#





#83
Chrysene
Concen: 3.691 ng
RT: 14.098 min Scan# 2009
Delta R.T. 0.000 min
Lab File: BF128281.D
Acq: 16 May 2022 21:45

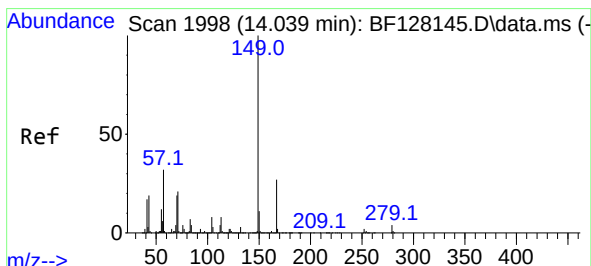
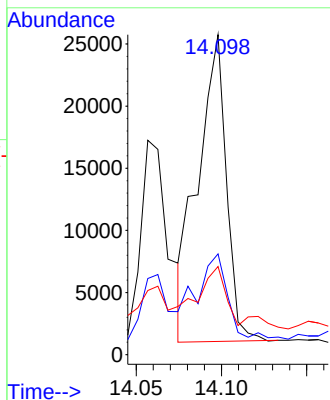
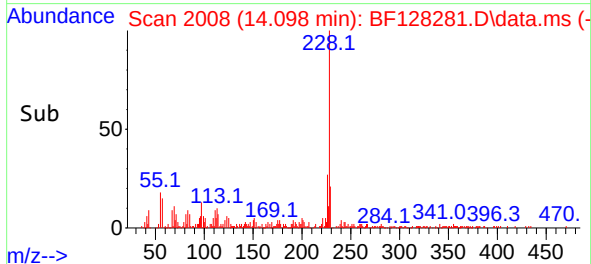
Instrument :
BNA_F
ClientSampleId :
HR-02-051322



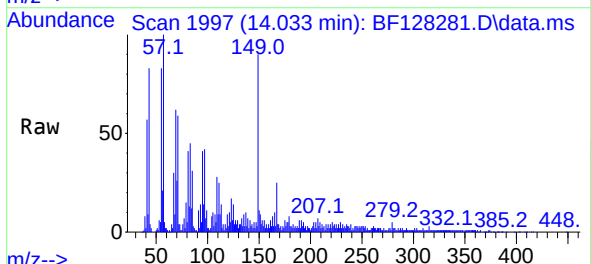
Tgt Ion:228 Resp: 2867
Ion Ratio Lower Upper
228 100
226 31.5 24.4 36.6
229 27.6 15.8 23.8

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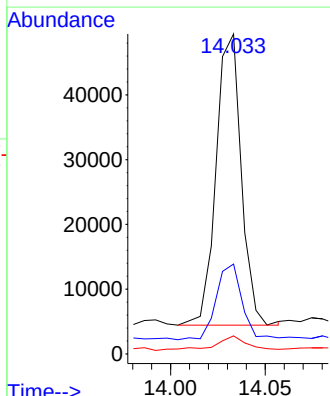
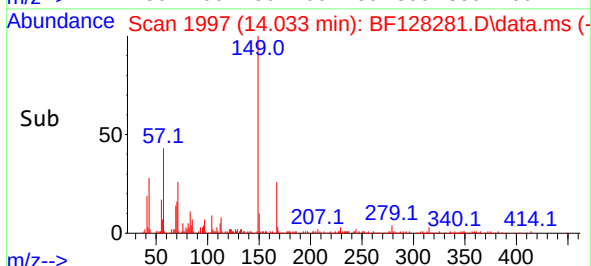
Reviewed By :Christian Giraldo 05/17/2022
Supervised By :Jagrut Upadhyay 05/17/2022

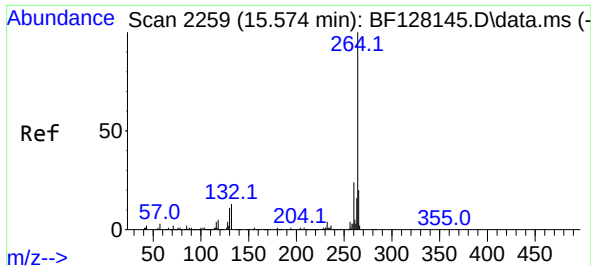


#84
Bis(2-ethylhexyl)phthalate
Concen: 8.011 ng
RT: 14.033 min Scan# 1997
Delta R.T. 0.006 min
Lab File: BF128281.D
Acq: 16 May 2022 21:45



Tgt Ion:149 Resp: 41586
Ion Ratio Lower Upper
149 100
167 28.1 22.0 33.0
279 5.6 3.4 5.0





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.574 min Scan# 21
Delta R.T. 0.012 min
Lab File: BF128281.D
Acq: 16 May 2022 21:45

Instrument :

BNA_F

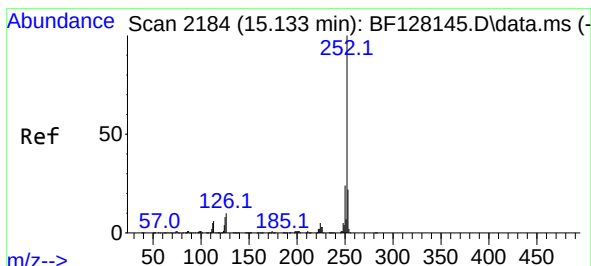
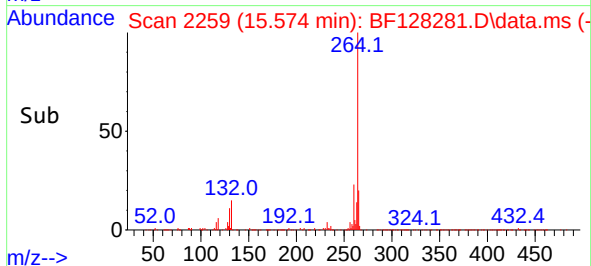
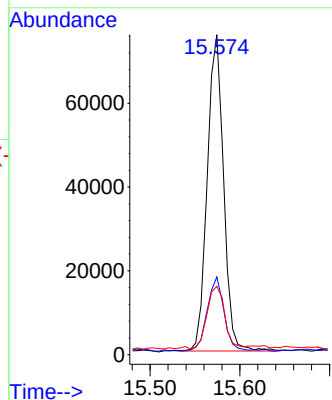
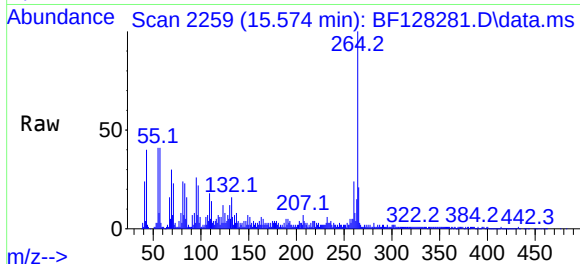
ClientSampleId :

HR-02-051322

Tgt Ion:264 Resp: 9550
Ion Ratio Lower Upper
264 100
260 24.3 20.1 30.1
265 21.4 17.5 26.3

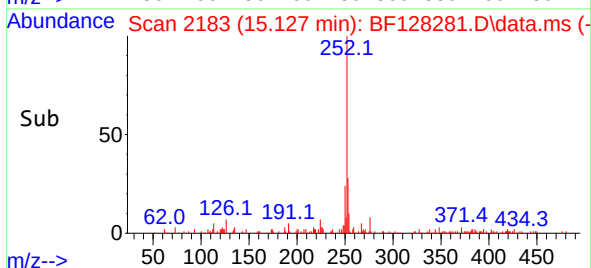
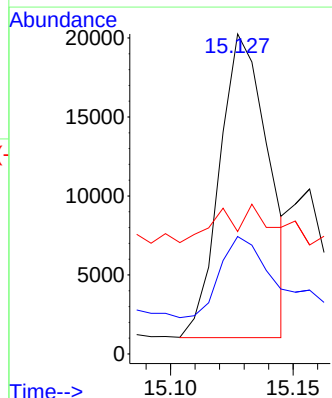
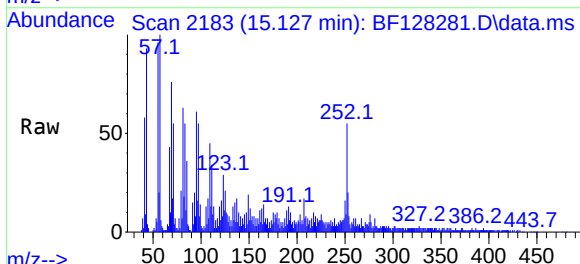
Manual Integrations
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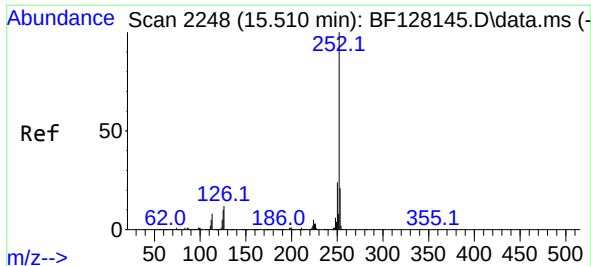
Reviewed By :Christian Giraldo 05/17/2022
Supervised By :Jagrut Upadhyay 05/17/2022



#88
Benzo(b)fluoranthene
Concen: 4.491 ng m
RT: 15.127 min Scan# 2183
Delta R.T. 0.006 min
Lab File: BF128281.D
Acq: 16 May 2022 21:45

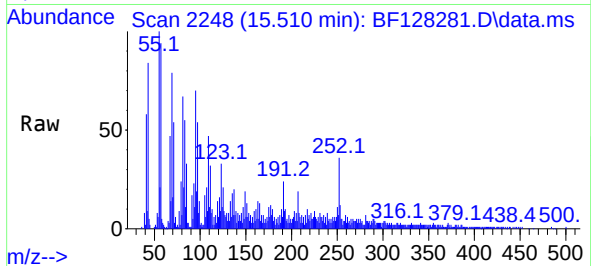
Tgt Ion:252 Resp: 26587
Ion Ratio Lower Upper
252 100
253 36.7 17.4 26.2#
125 38.2 7.4 11.2#





#90
Benzo(a)pyrene
Concen: 2.805 ng
RT: 15.510 min Scan# 21
Delta R.T. 0.012 min
Lab File: BF128281.D
Acq: 16 May 2022 21:45

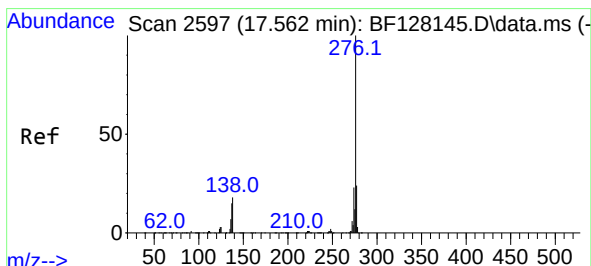
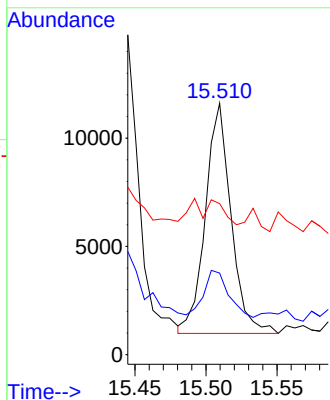
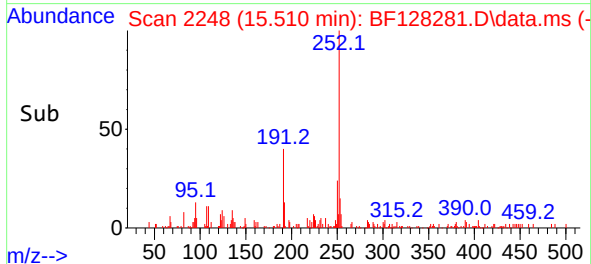
Instrument :
BNA_F
ClientSampleId :
HR-02-051322



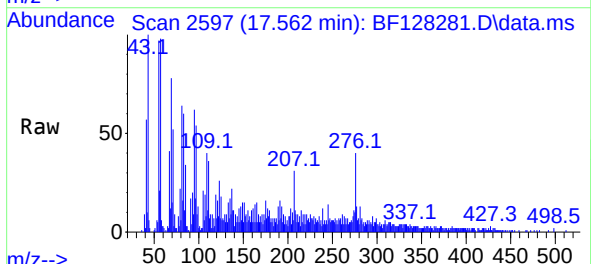
Tgt Ion:252 Resp: 1340
Ion Ratio Lower Upper
252 100
253 32.4 17.8 26.6
125 60.1 9.2 13.8

Manual Integrations
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Reviewed By :Christian Giraldo 05/17/2022
Supervised By :Jagrut Upadhyay 05/17/2022



#92
Benzo(g,h,i)perylene
Concen: 3.163 ng
RT: 17.562 min Scan# 2597
Delta R.T. 0.012 min
Lab File: BF128281.D
Acq: 16 May 2022 21:45



Tgt Ion:276 Resp: 14979
Ion Ratio Lower Upper
276 100
277 33.8 18.8 28.2#
138 28.5 16.2 24.2#

