

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030322\
 Data File : BF127182.D
 Acq On : 03 Mar 2022 20:28
 Operator : CG\JU
 Sample : N1751-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DUM-11

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 03/04/2022
 Supervised By : Jagrut Upadhyay 03/04/2022

Quant Time: Mar 04 02:14:54 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 01 23:57:09 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	103453	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	418043	20.000	ng	# 0.00
39) Acenaphthene-d10	9.928	164	191200	20.000	ng	-0.01
64) Phenanthrene-d10	11.422	188	322868	20.000	ng	# 0.00
76) Chrysene-d12	14.063	240	164179	20.000	ng	#-0.01
86) Perylene-d12	15.557	264	178971	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	620878	92.758	ng	0.00
7) Phenol-d6	6.522	99	826601	91.520	ng	0.00
23) Nitrobenzene-d5	7.451	82	565917	61.104	ng	-0.01
42) 2,4,6-Tribromophenol	10.722	330	223764	101.646	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	902143	69.461	ng	0.00
79) Terphenyl-d14	13.010	244	745571	66.758	ng	0.00
Target Compounds						
10) Phenol	6.534	94	32866	3.601	ng	90
71) Phenanthrene	11.445	178	36992	2.047	ng	97
75) Fluoranthene	12.633	202	77735	4.530	ng	95
78) Pyrene	12.863	202	61271	4.296	ng	99
81) Benzo(a)anthracene	14.057	228	25240	2.280	ng	96
83) Chrysene	14.092	228	25499	2.450	ng	97
88) Benzo(b)fluoranthene	15.116	252	32320m	2.689	ng	
90) Benzo(a)pyrene	15.492	252	23654	2.519	ng	96

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Qvalue

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

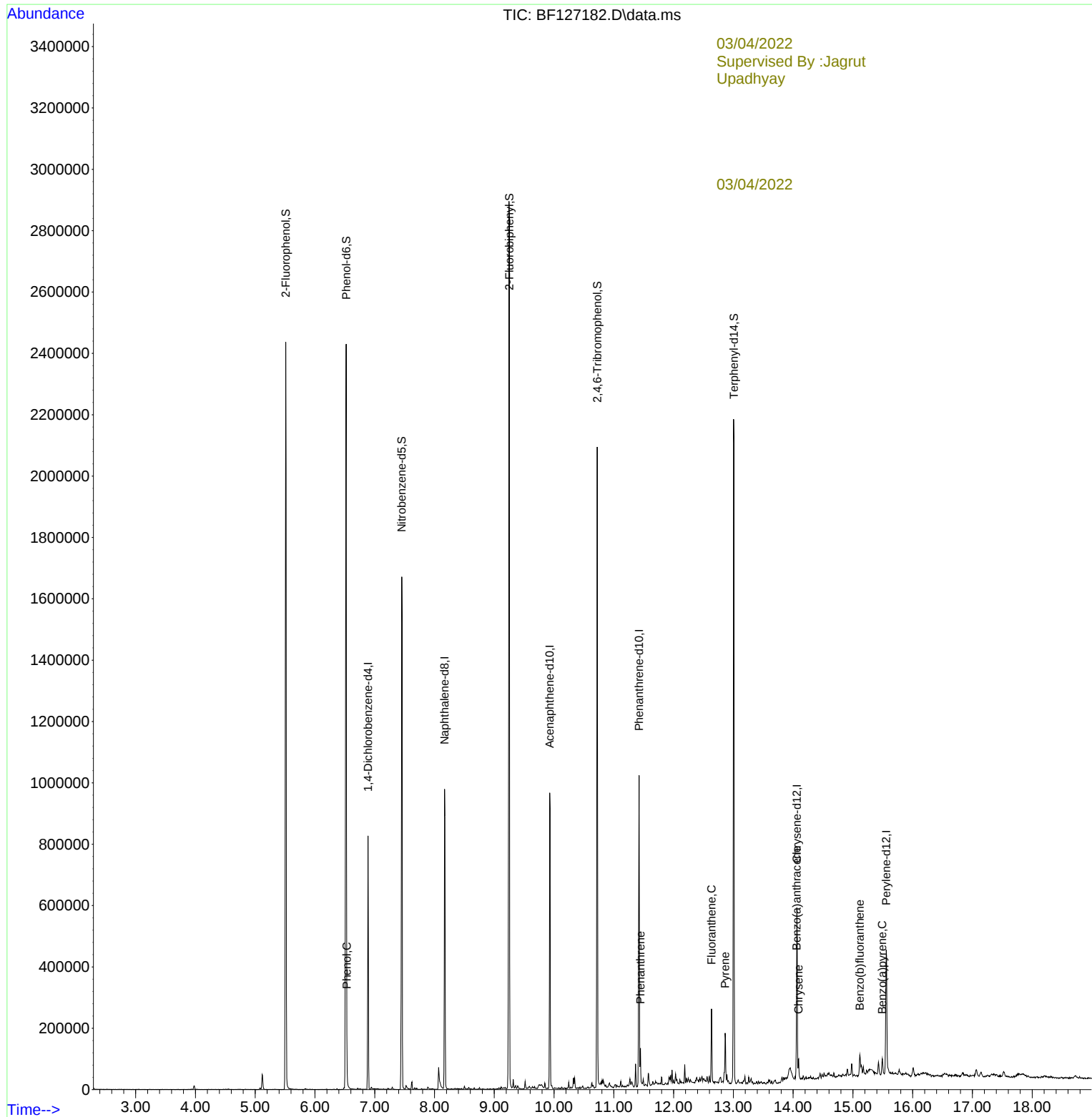
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030322\
Data File : BF127182.D
Acq On : 03 Mar 2022 20:28
Operator : CG\JU
Sample : N1751-01
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ALS Vial : 13 Sample Multiplier: 1

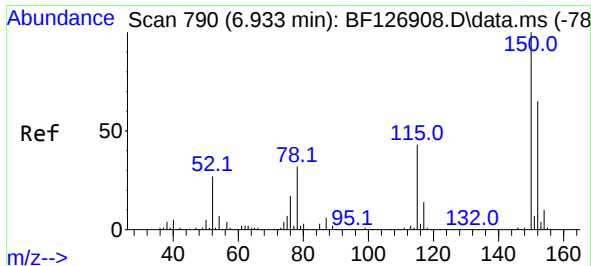
Instrument :
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DUM-11

Quant Time: Mar 04 02:14:54 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 01 23:57:09 2022
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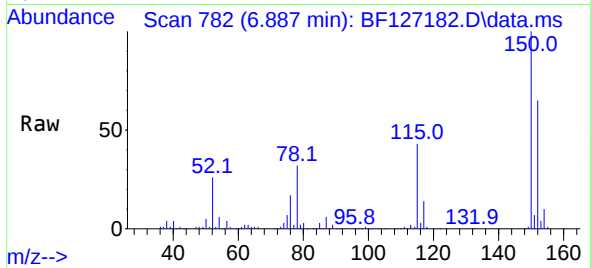
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.887 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF127182.D
Acq: 03 Mar 2022 20:28

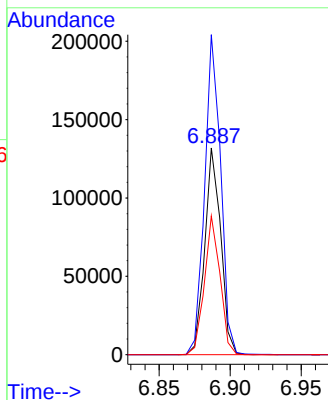
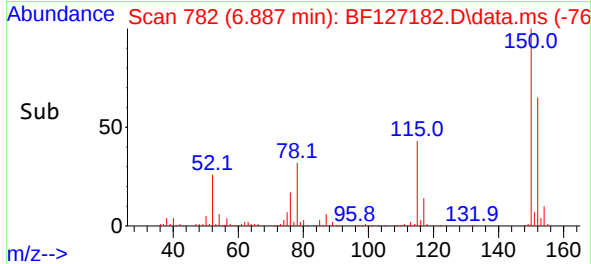
Instrument :
BNA_F
ClientSampleId :
DUM-11



Tgt Ion:152 Resp: 10345
Ion Ratio Lower Upper
152 100
150 154.8 128.1 192.1
115 67.1 56.7 85.1

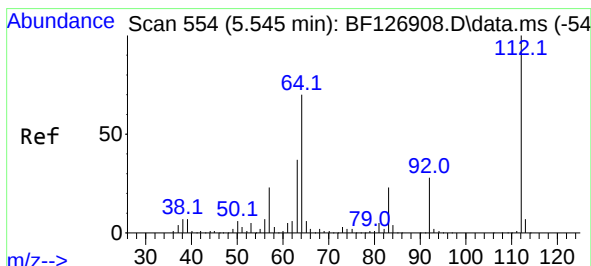
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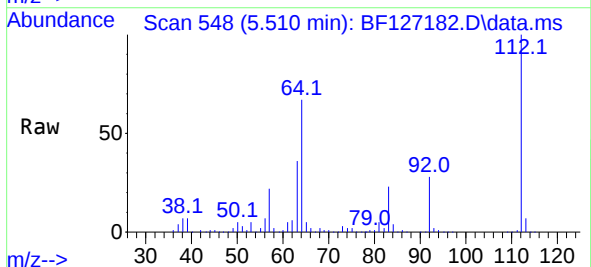


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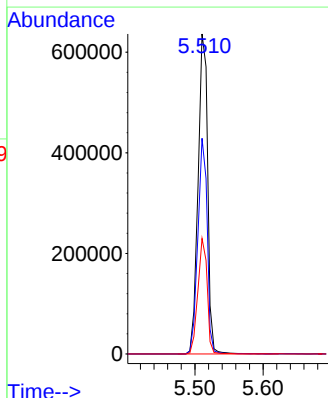
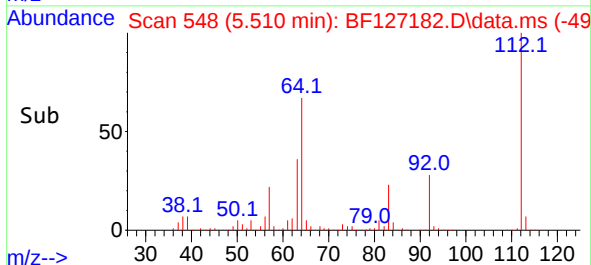
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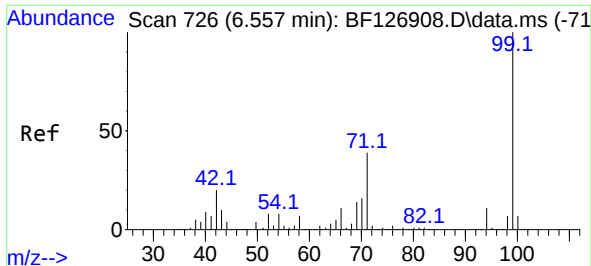


#5
2-Fluorophenol
Concen: 92.758 ng
RT: 5.510 min Scan# 548
Delta R.T. 0.000 min
Lab File: BF127182.D
Acq: 03 Mar 2022 20:28



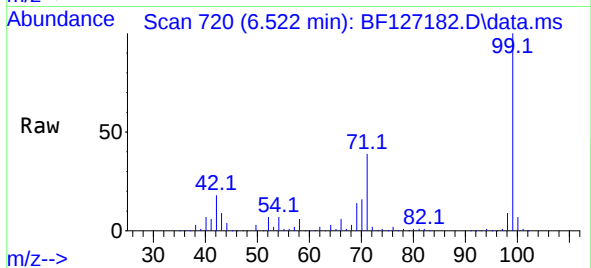
Tgt Ion:112 Resp: 620878
Ion Ratio Lower Upper
112 100
64 67.4 49.5 74.3
63 36.1 23.9 35.9#





#7
Phenol-d6
Concen: 91.520 ng
RT: 6.522 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF127182.D
Acq: 03 Mar 2022 20:28

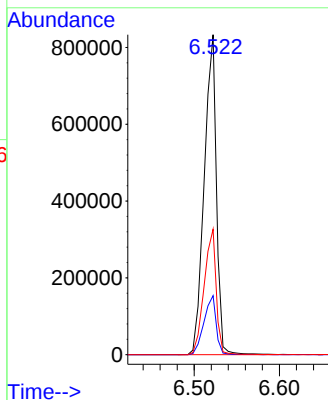
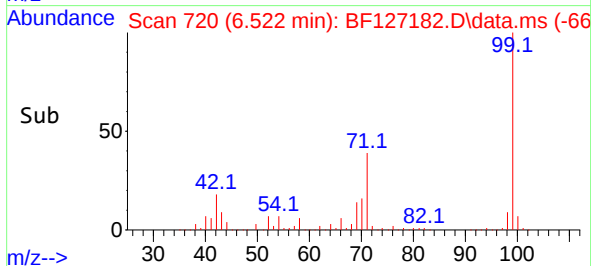
Instrument :
BNA_F
ClientSampleId :
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Tgt Ion: 99 Resp: 82660
Ion Ratio Lower Upper
99 100
42 18.4 14.2 21.4
71 39.2 24.3 36.5

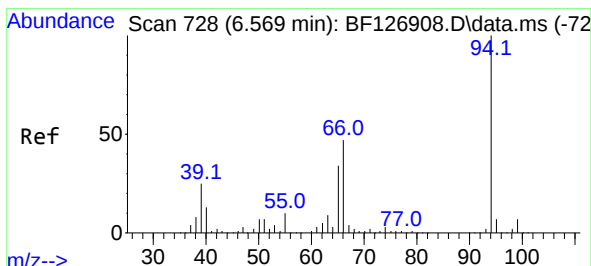
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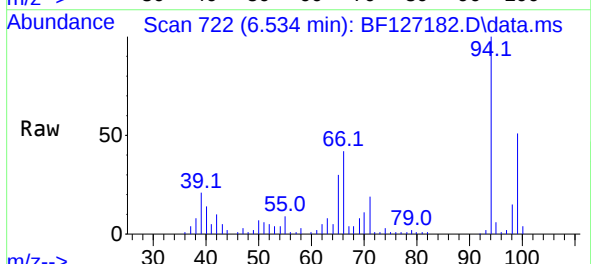


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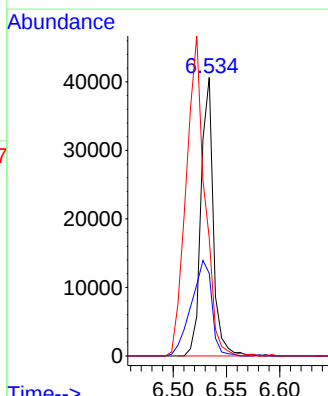
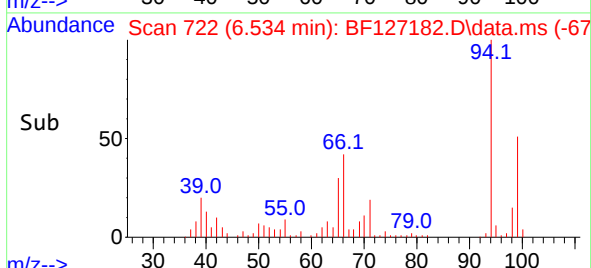
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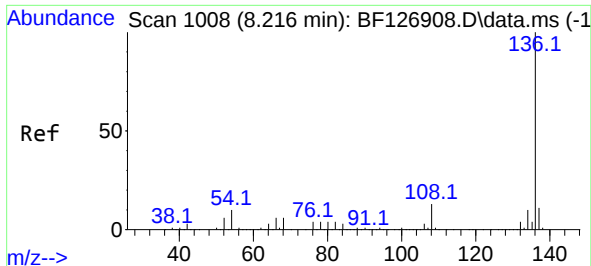


#10
Phenol
Concen: 3.601 ng
RT: 6.534 min Scan# 722
Delta R.T. -0.006 min
Lab File: BF127182.D
Acq: 03 Mar 2022 20:28



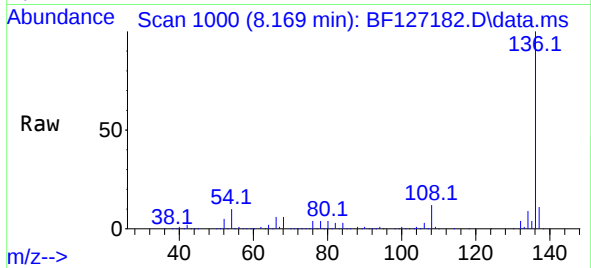
Tgt Ion: 94 Resp: 32866
Ion Ratio Lower Upper
94 100
65 29.6 7.2 47.2
66 42.3 14.5 54.5





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 10
Delta R.T. -0.006 min
Lab File: BF127182.D
Acq: 03 Mar 2022 20:28

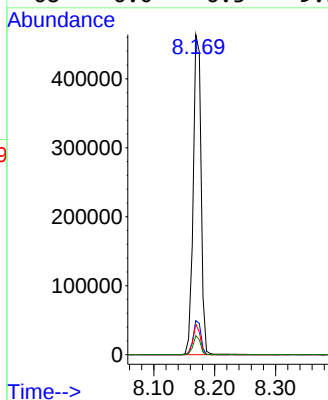
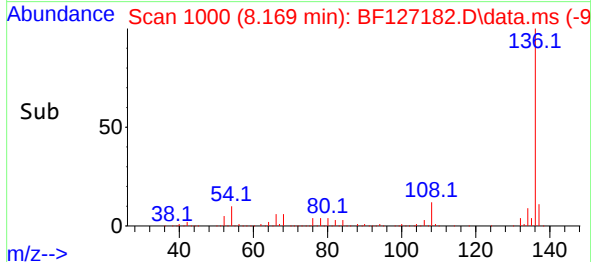
Instrument :
BNA_F
ClientSampleId :
DUM-11



Tgt Ion:136 Resp: 41804
Ion Ratio Lower Upper
136 100
137 10.6 8.6 13.0
54 9.5 7.8 11.6
68 6.0 6.3 9.5#

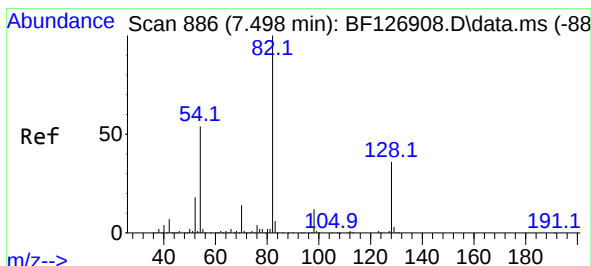
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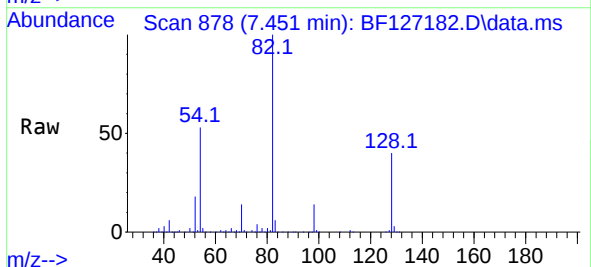


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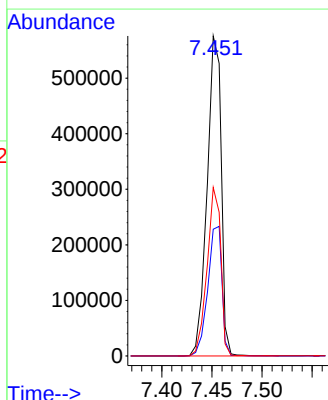
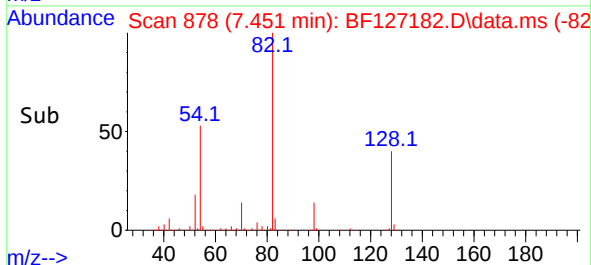
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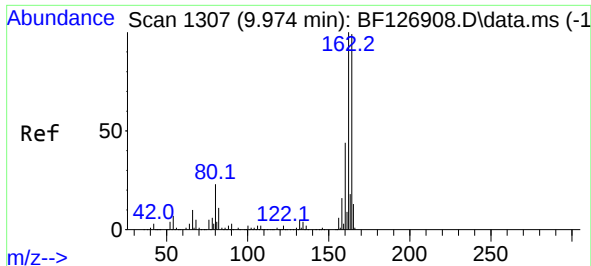


#23
Nitrobenzene-d5
Concen: 61.104 ng
RT: 7.451 min Scan# 878
Delta R.T. -0.012 min
Lab File: BF127182.D
Acq: 03 Mar 2022 20:28



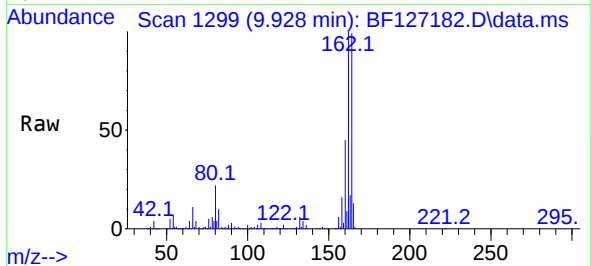
Tgt Ion: 82 Resp: 565917
Ion Ratio Lower Upper
82 100
128 39.6 32.7 49.1
54 52.7 41.7 62.5





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.928 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF127182.D
Acq: 03 Mar 2022 20:28

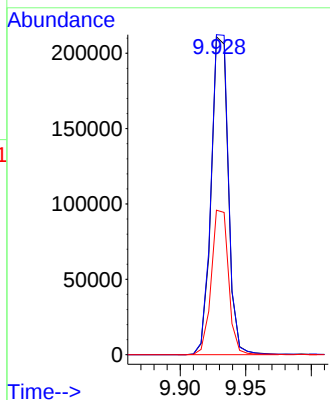
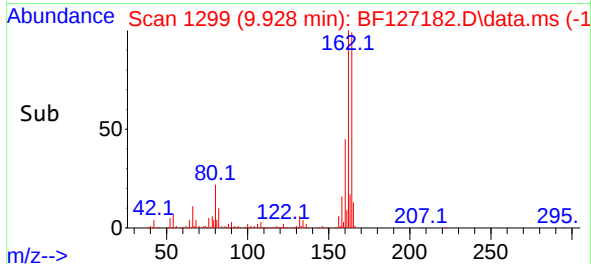
Instrument :
BNA_F
ClientSampleId :
DUM-11



Tgt Ion:164 Resp: 191200
Ion Ratio Lower Upper
164 100
162 100.7 81.4 122.0
160 45.4 36.6 54.8

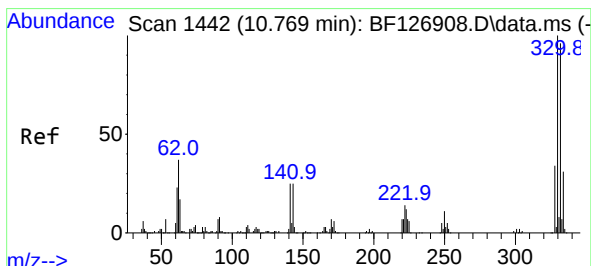
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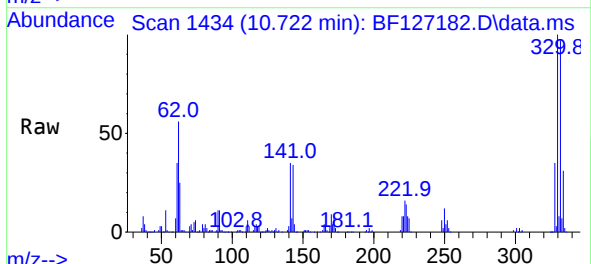


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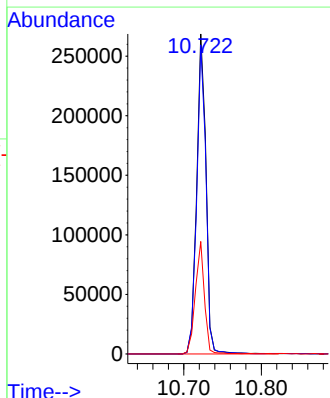
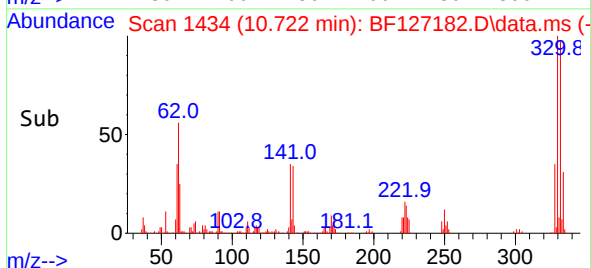
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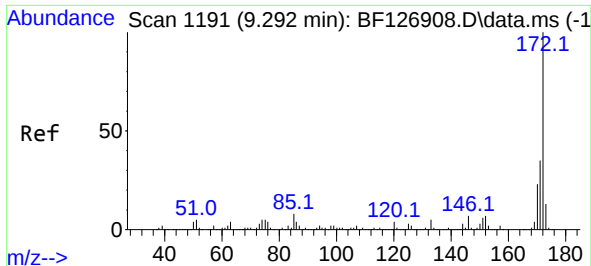


#42
2,4,6-Tribromophenol
Concen: 101.646 ng
RT: 10.722 min Scan# 1434
Delta R.T. -0.006 min
Lab File: BF127182.D
Acq: 03 Mar 2022 20:28



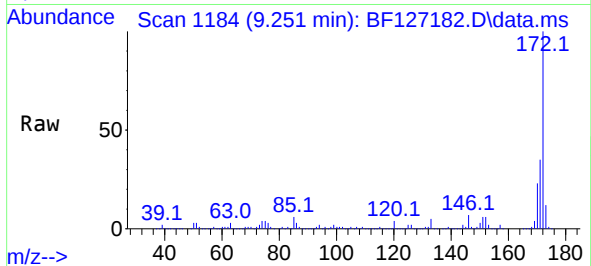
Tgt Ion:330 Resp: 223764
Ion Ratio Lower Upper
330 100
332 96.1 76.0 114.0
141 34.5 30.1 45.1





#45
2-Fluorobiphenyl
Concen: 69.461 ng
RT: 9.251 min Scan# 1191
Delta R.T. 0.000 min
Lab File: BF127182.D
Acq: 03 Mar 2022 20:28

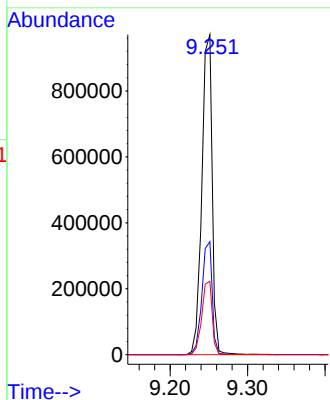
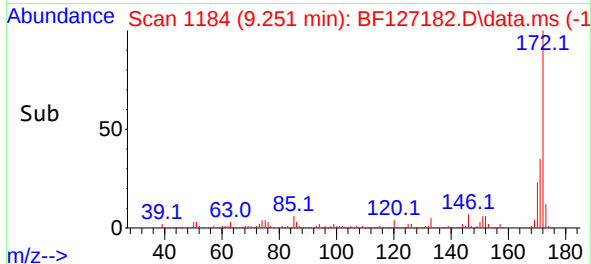
Instrument :
BNA_F
ClientSampleId :
DUM-11



Tgt Ion:172 Resp: 90214
Ion Ratio Lower Upper
172 100
171 35.3 28.3 42.5
170 22.9 19.0 28.6

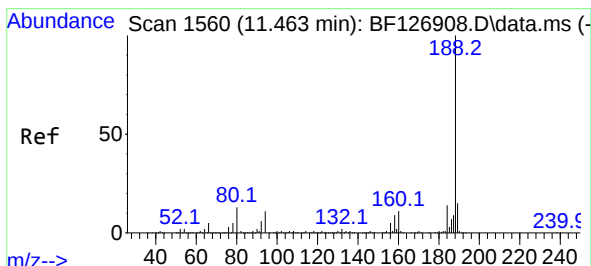
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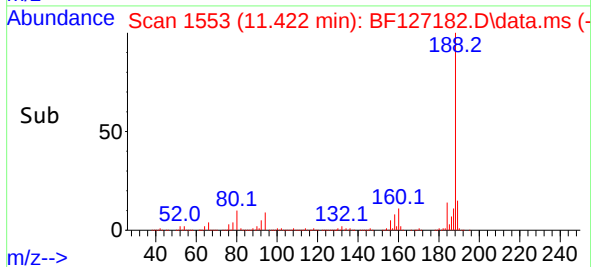
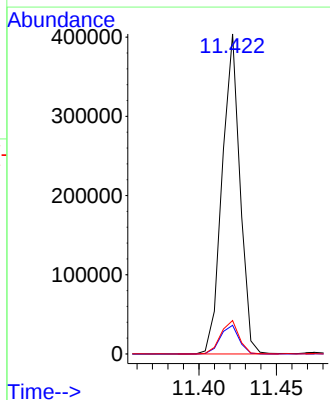
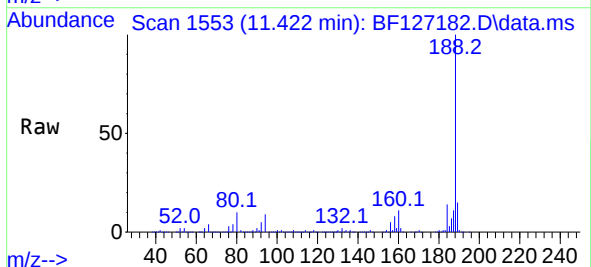
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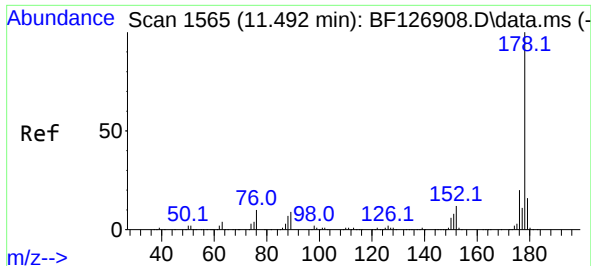
03/04/2022



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.422 min Scan# 1553
Delta R.T. -0.006 min
Lab File: BF127182.D
Acq: 03 Mar 2022 20:28

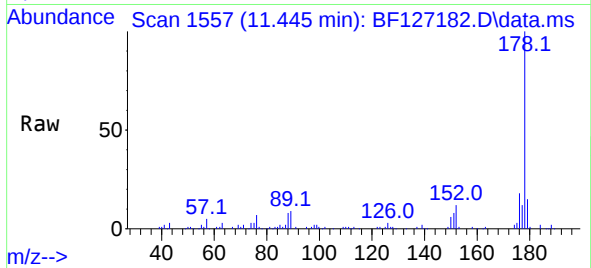
Tgt Ion:188 Resp: 322868
Ion Ratio Lower Upper
188 100
94 9.0 10.1 15.1#
80 10.5 11.8 17.6#





#71
Phenanthrene
Concen: 2.047 ng
RT: 11.445 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF127182.D
Acq: 03 Mar 2022 20:28

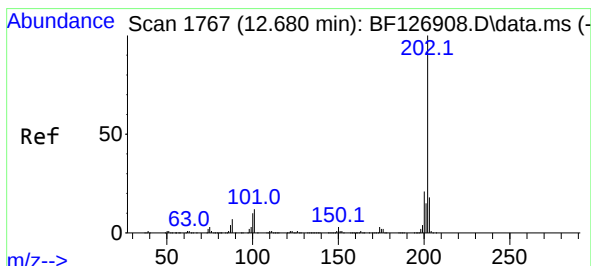
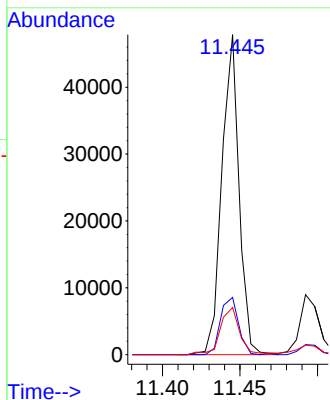
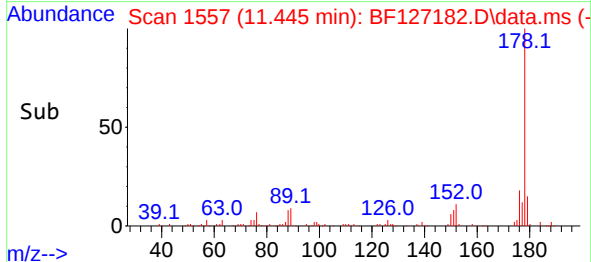
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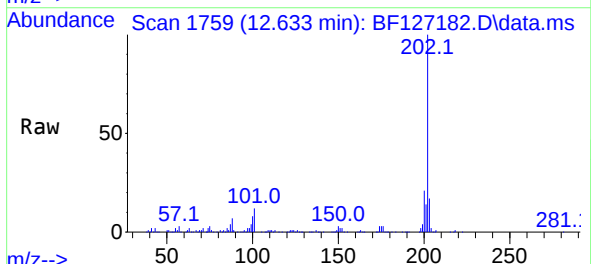
Tgt Ion:178 Resp: 36992
Ion Ratio Lower Upper
178 100
176 17.9 15.7 23.5
179 14.8 12.3 18.5

Manual Integrations
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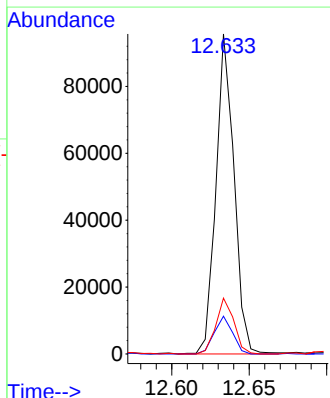
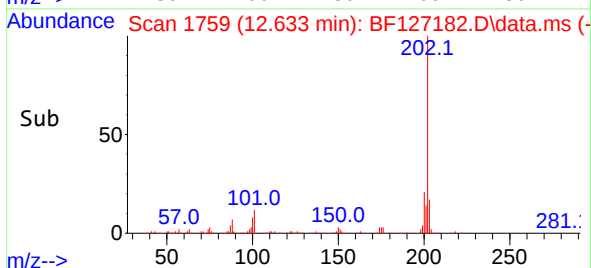
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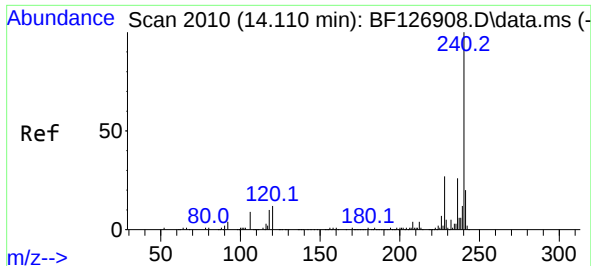


#75
Fluoranthene
Concen: 4.530 ng
RT: 12.633 min Scan# 1759
Delta R.T. -0.012 min
Lab File: BF127182.D
Acq: 03 Mar 2022 20:28



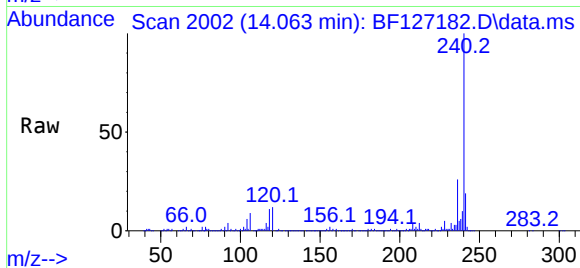
Tgt Ion:202 Resp: 77735
Ion Ratio Lower Upper
202 100
101 11.8 0.0 35.7
203 17.4 0.0 37.1





#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.063 min Scan# 2010
Delta R.T. -0.012 min
Lab File: BF127182.D
Acq: 03 Mar 2022 20:28

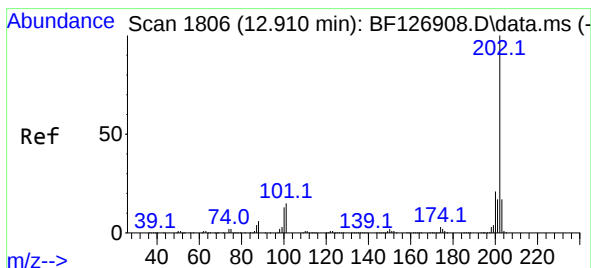
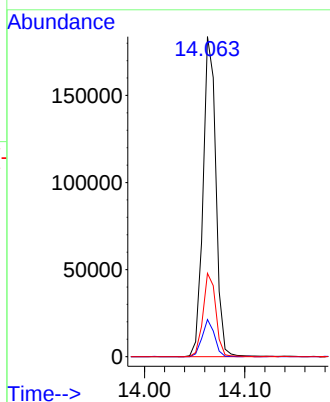
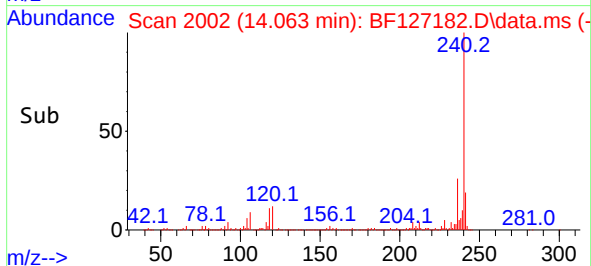
Instrument :
BNA_F
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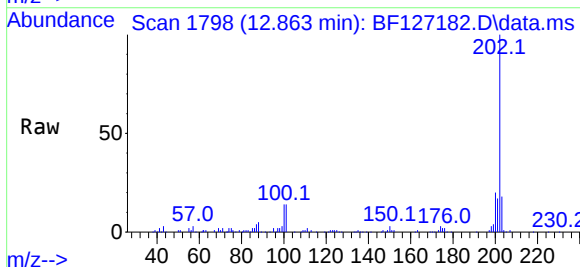
Tgt Ion:240 Resp: 164179
Ion Ratio Lower Upper
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120 11.6 14.4 21.6
236 26.1 20.5 30.7

Manual Integrations
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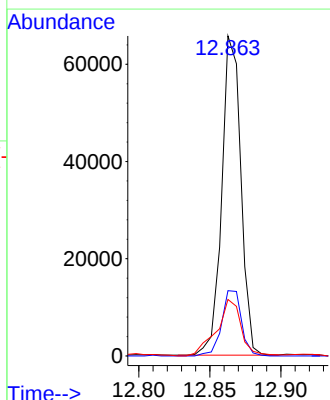
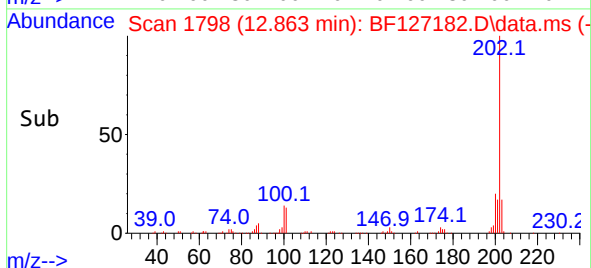
Reviewed By :Christian Giraldo 03/04/2022
Supervised By :Jagrut Upadhyay 03/04/2022

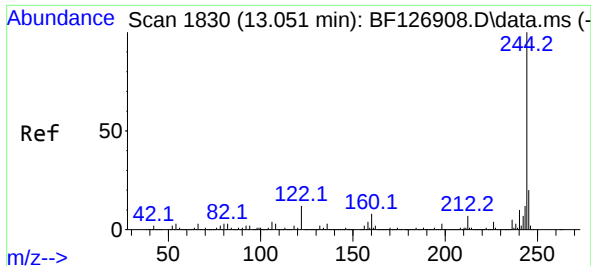


#78
Pyrene
Concen: 4.296 ng
RT: 12.863 min Scan# 1798
Delta R.T. -0.012 min
Lab File: BF127182.D
Acq: 03 Mar 2022 20:28



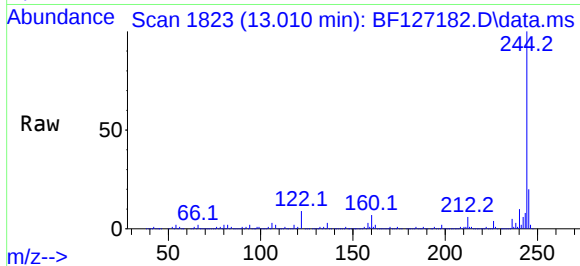
Tgt Ion:202 Resp: 61271
Ion Ratio Lower Upper
202 100
200 20.4 16.6 24.8
203 17.7 13.8 20.8





#79
Terphenyl-d14
Concen: 66.758 ng
RT: 13.010 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF127182.D
Acq: 03 Mar 2022 20:28

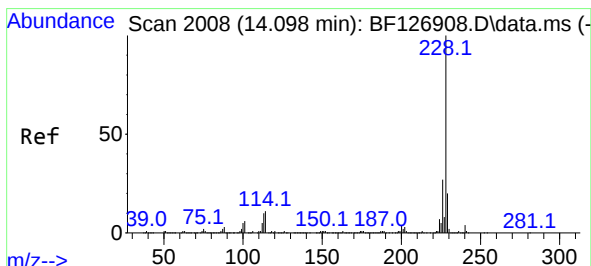
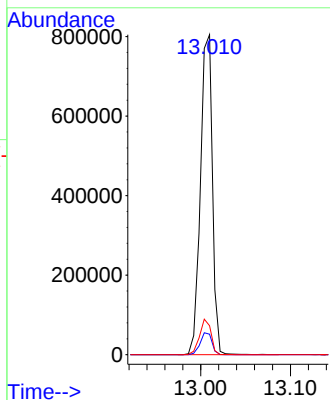
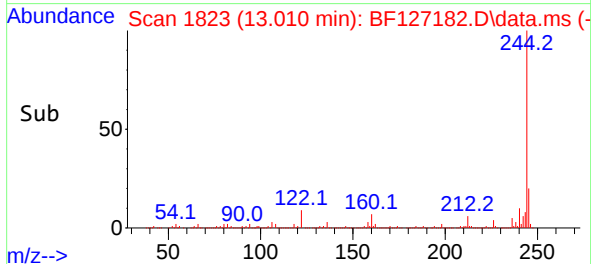
Instrument :
BNA_F
ClientSampleId :
DUM-11



Tgt Ion:244 Resp: 74557
Ion Ratio Lower Upper
244 100
212 6.4 5.0 7.4
122 9.1 13.3 19.9

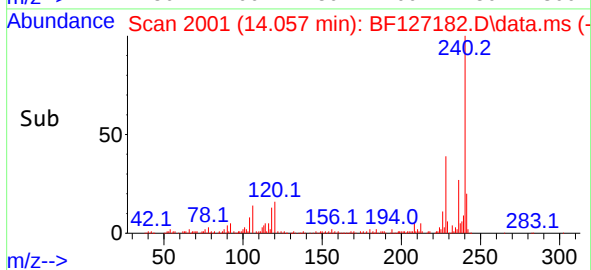
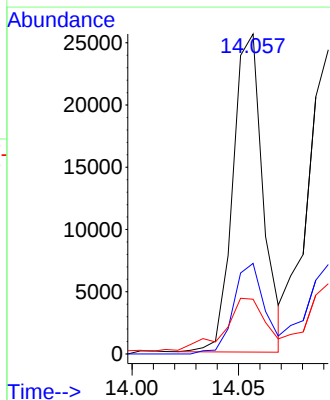
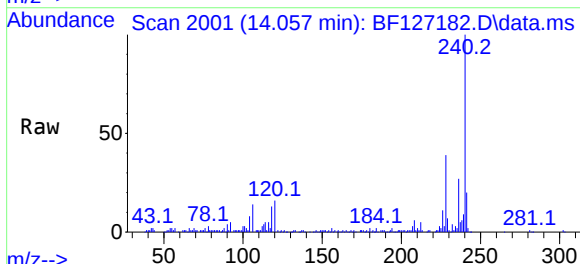
Manual Integrations
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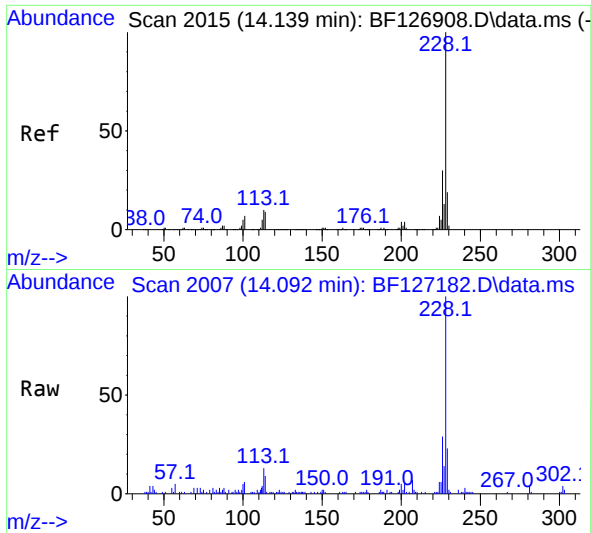
Reviewed By :Christian Giraldo 03/04/2022
Supervised By :Jagrut Upadhyay 03/04/2022



#81
Benzo(a)anthracene
Concen: 2.280 ng
RT: 14.057 min Scan# 2001
Delta R.T. -0.006 min
Lab File: BF127182.D
Acq: 03 Mar 2022 20:28

Tgt Ion:228 Resp: 25240
Ion Ratio Lower Upper
228 100
226 28.3 21.4 32.0
229 17.1 15.4 23.2





#83

Chrysene

Concen: 2.450 ng

RT: 14.092 min Scan# 2015

Delta R.T. -0.012 min

Lab File: BF127182.D

Acq: 03 Mar 2022 20:28

Instrument :

BNA_F

ClientSampleId :

DUM-11

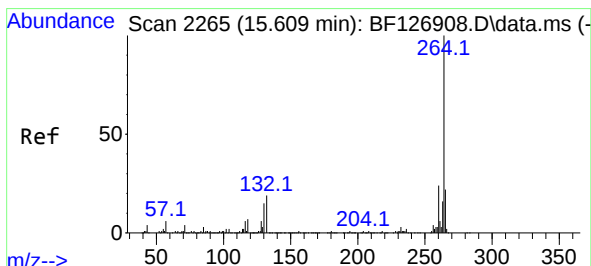
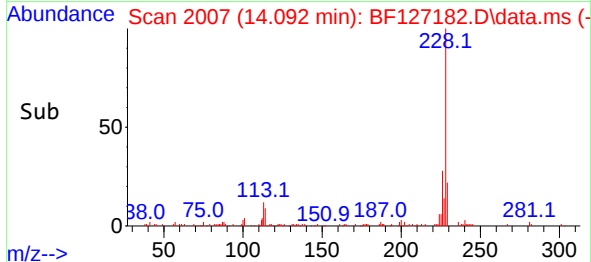
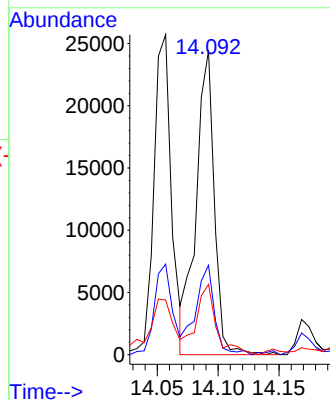
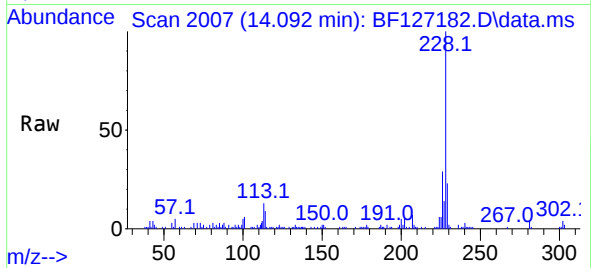
Tgt Ion:228	Resp: 25499
Ion Ratio	Lower Upper
228 100	
226 29.4	23.7 35.5
229 23.1	15.5 23.3

Manual Integrations

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Reviewed By :Christian Giraldo 03/04/2022

Supervised By :Jagrut Upadhyay 03/04/2022



#86

Perylene-d12

Concen: 20.000 ng

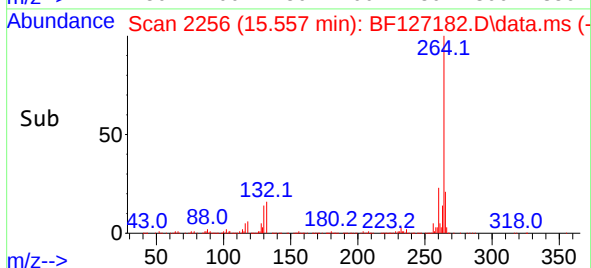
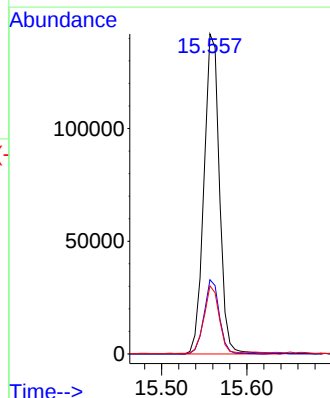
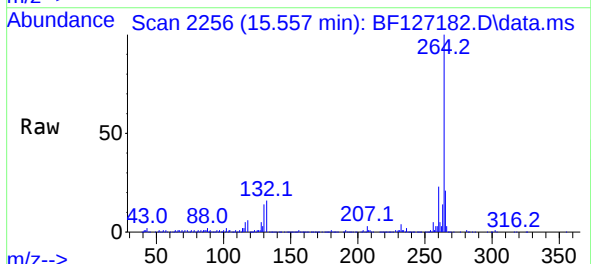
RT: 15.557 min Scan# 2256

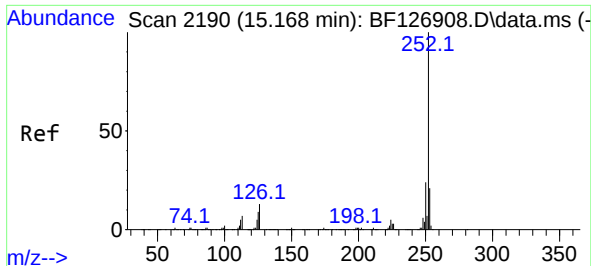
Delta R.T. -0.012 min

Lab File: BF127182.D

Acq: 03 Mar 2022 20:28

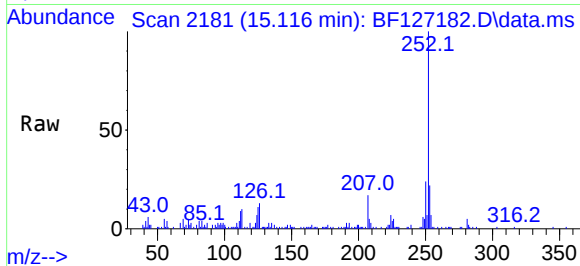
Tgt Ion:264	Resp: 178971
Ion Ratio	Lower Upper
264 100	
260 23.2	19.2 28.8
265 21.3	17.4 26.2





#88
Benzo(b)fluoranthene
Concen: 2.689 ng m
RT: 15.116 min Scan# 2190
Delta R.T. -0.012 min
Lab File: BF127182.D
Acq: 03 Mar 2022 20:28

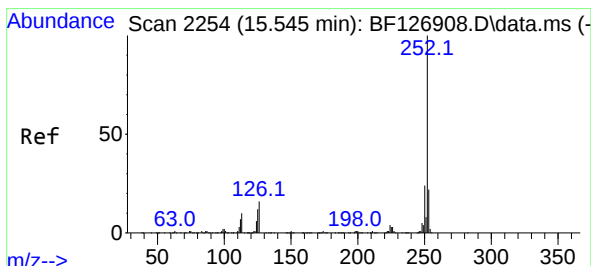
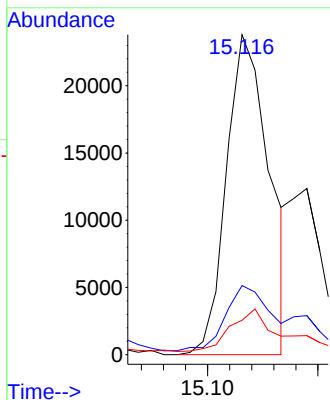
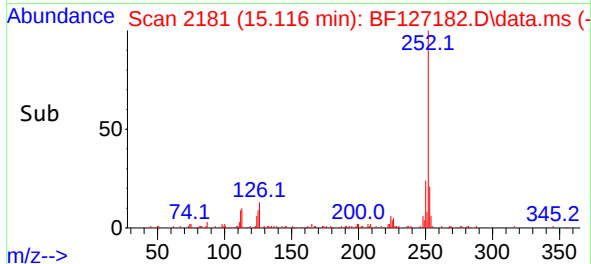
Instrument :
BNA_F
ClientSampleId :
DUM-11



Tgt Ion:252 Resp: 32320
Ion Ratio Lower Upper
252 100
253 21.6 17.8 26.8
125 10.8 12.4 18.6

Manual Integrations
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Reviewed By :Christian Giraldo 03/04/2022
Supervised By :Jagrut Upadhyay 03/04/2022



#90
Benzo(a)pyrene
Concen: 2.519 ng
RT: 15.492 min Scan# 2245
Delta R.T. -0.012 min
Lab File: BF127182.D
Acq: 03 Mar 2022 20:28

Tgt Ion:252 Resp: 23654
Ion Ratio Lower Upper
252 100
253 23.3 17.1 25.7
125 15.0 13.0 19.6

