

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042622\
 Data File : BF127920.D
 Acq On : 26 Apr 2022 18:46
 Operator : CG\JU
 Sample : N2502-09
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 C5

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 04/27/2022
 Supervised By : Jagrut Upadhyay 04/27/2022

Quant Time: Apr 27 01:48:24 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Apr 24 00:43:03 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.940	152	145426	20.000	ng	0.00
21) Naphthalene-d8	8.222	136	555819	20.000	ng	0.00
39) Acenaphthene-d10	9.981	164	294927	20.000	ng	0.00
64) Phenanthrene-d10	11.475	188	432183	20.000	ng	0.00
76) Chrysene-d12	14.133	240	219996	20.000	ng	# 0.00
86) Perylene-d12	15.663	264	224937	20.000	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.575	112	1009637	110.581	ng	0.01
7) Phenol-d6	6.575	99	1361407	114.914	ng	0.00
23) Nitrobenzene-d5	7.510	82	1015866	85.946	ng	0.00
42) 2,4,6-Tribromophenol	10.775	330	307293	103.503	ng	0.00
45) 2-Fluorobiphenyl	9.304	172	1589480	91.175	ng	0.00
79) Terphenyl-d14	13.069	244	1143325	95.031	ng	0.00
Target Compounds						Qvalue
15) Benzyl Alcohol	7.104	79	17757	2.204	ng	93
71) Phenanthrene	11.498	178	66340	2.932	ng	98
75) Fluoranthene	12.692	202	99632	4.185	ng	98
78) Pyrene	12.928	202	74189	4.178	ng	95
80) Butylbenzylphthalate	13.539	149	18168	2.610	ng	# 77
83) Chrysene	14.157	228	45044	3.216	ng	# 92
84) Bis(2-ethylhexyl)phtha...	14.098	149	227194	24.612	ng	99
88) Benzo(b)fluoranthene	15.204	252	39890m	2.823	ng	

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

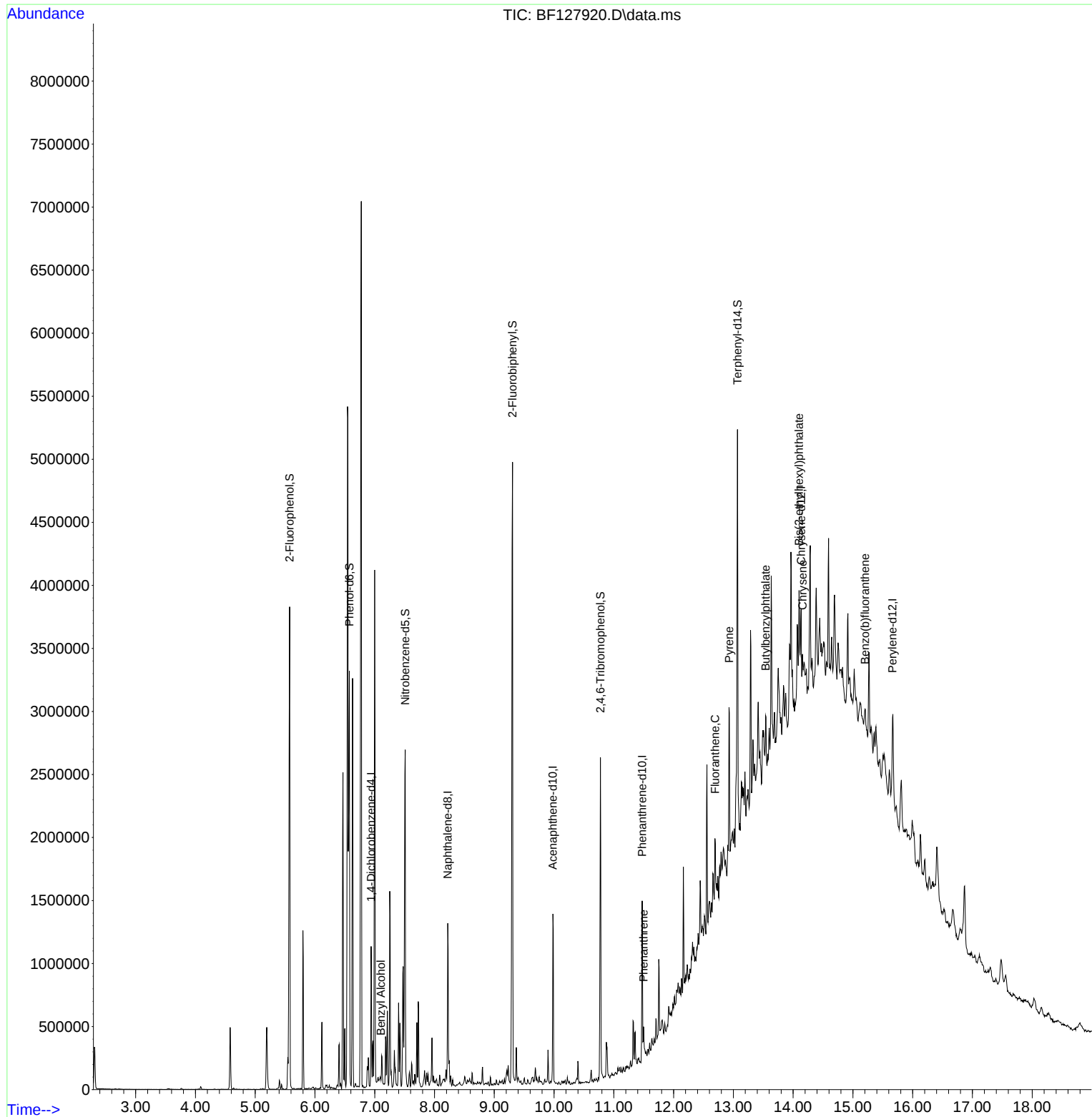
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042622\
Data File : BF127920.D
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ALS Vial : 8 Sample Multiplier: 1

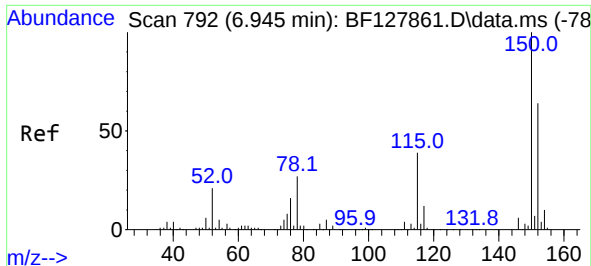
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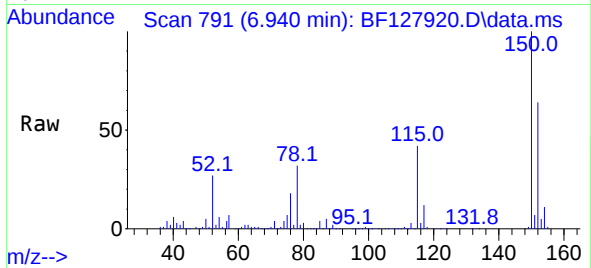
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Supervised By :Jagrut Upadhyay 04/27/2022





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.940 min Scan# 792
Delta R.T. -0.005 min
Lab File: BF127920.D
Acq: 26 Apr 2022 18:46

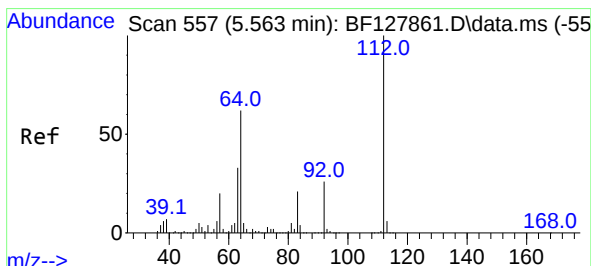
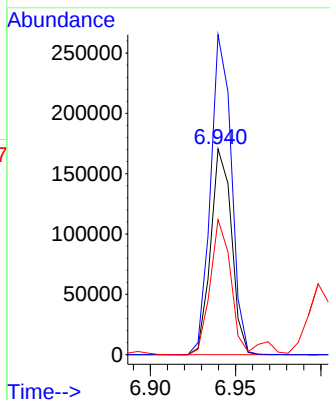
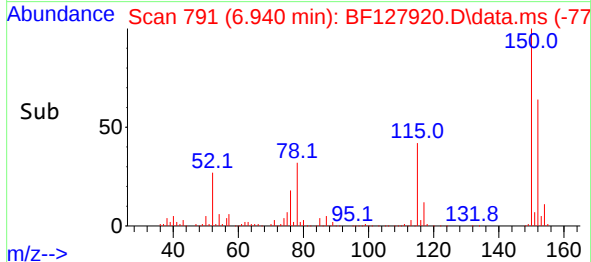
Instrument :
BNA_F
ClientSampleId :
C5



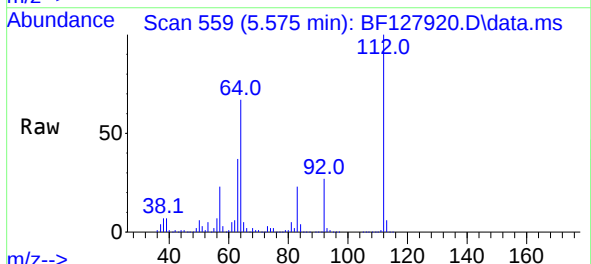
Tgt Ion:152 Resp: 145420
Ion Ratio Lower Upper
152 100
150 155.6 125.3 187.9
115 65.7 48.8 73.2

Manual Integrations
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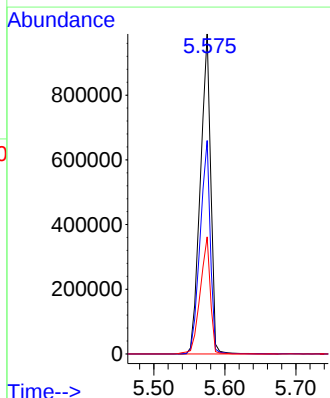
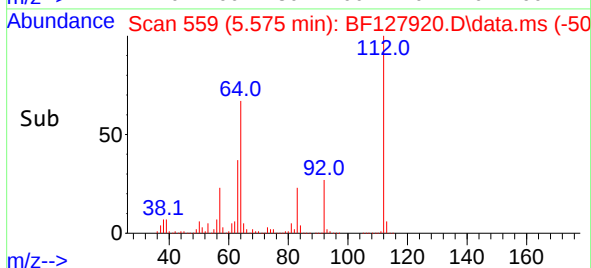
Reviewed By :Christian Giraldo 04/27/2022
Supervised By :Jagrut Upadhyay 04/27/2022

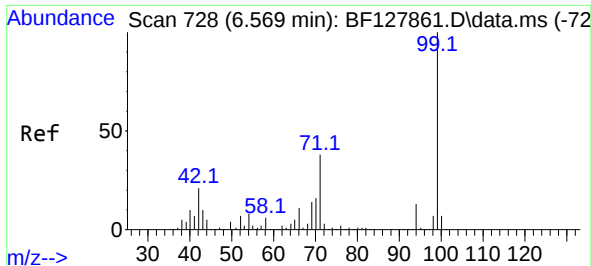


#5
2-Fluorophenol
Concen: 110.581 ng
RT: 5.575 min Scan# 559
Delta R.T. 0.012 min
Lab File: BF127920.D
Acq: 26 Apr 2022 18:46



Tgt Ion:112 Resp: 1009637
Ion Ratio Lower Upper
112 100
64 66.7 49.5 74.3
63 36.6 26.3 39.5





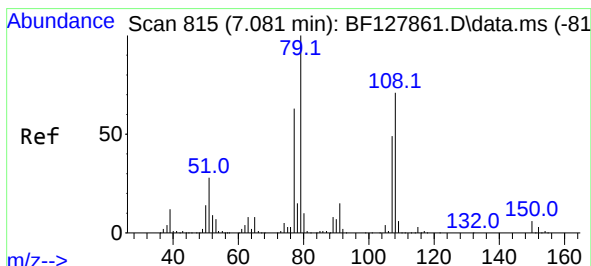
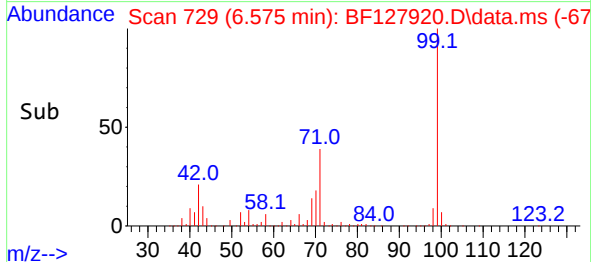
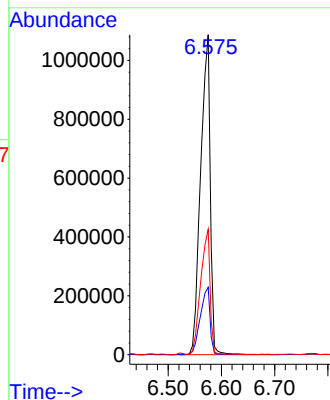
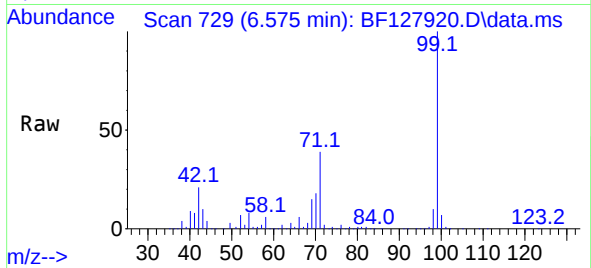
#7
Phenol-d6
Concen: 114.914 ng
RT: 6.575 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF127920.D
Acq: 26 Apr 2022 18:46

Instrument :
BNA_F
ClientSampleId :
C5

Tgt Ion: 99 Resp: 136140
Ion Ratio Lower Upper
99 100
42 21.1 16.6 24.8
71 39.2 30.0 45.0

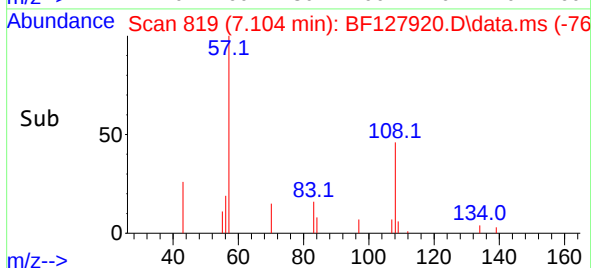
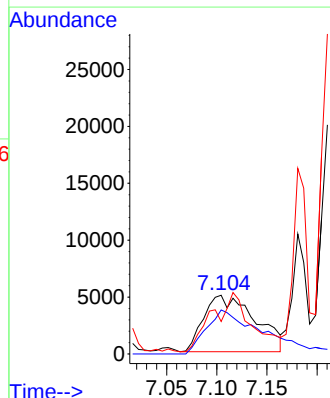
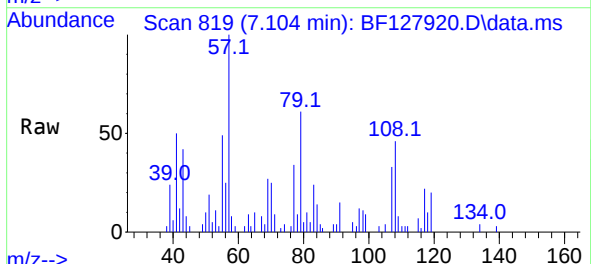
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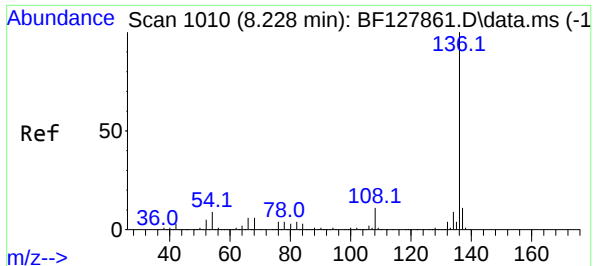
Reviewed By :Christian Giraldo 04/27/2022
Supervised By :Jagrut Upadhyay 04/27/2022



#15
Benzyl Alcohol
Concen: 2.204 ng
RT: 7.104 min Scan# 819
Delta R.T. 0.024 min
Lab File: BF127920.D
Acq: 26 Apr 2022 18:46

Tgt Ion: 79 Resp: 17757
Ion Ratio Lower Upper
79 100
108 75.0 57.0 85.6
77 55.4 50.2 75.4





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.222 min Scan# 1010

Delta R.T. -0.006 min

Lab File: BF127920.D

Acq: 26 Apr 2022 18:46

Instrument :

BNA_F

ClientSampleId :

C5

Tgt Ion:136 Resp: 555819

Ion Ratio Lower Upper

136 100

137 11.3 8.6 13.0

54 9.0 6.8 10.2

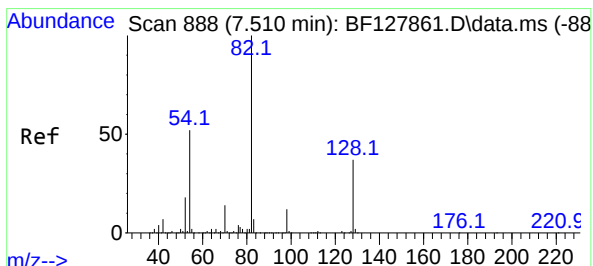
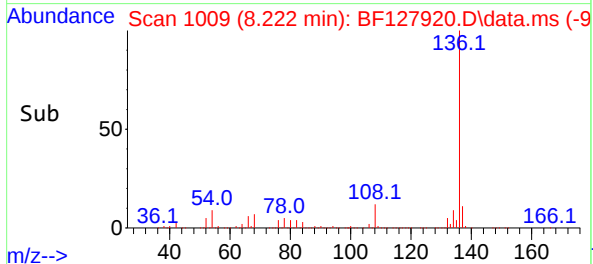
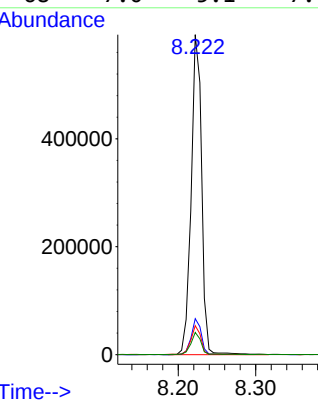
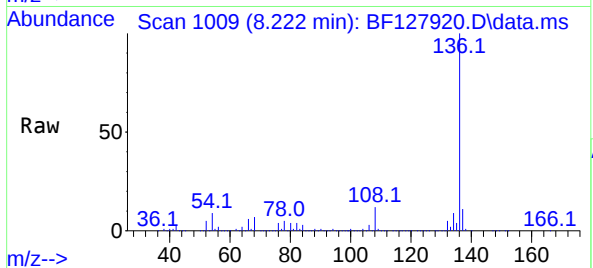
68 7.0 5.1 7.7

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#23

Nitrobenzene-d5

Concen: 85.946 ng

RT: 7.510 min Scan# 888

Delta R.T. 0.000 min

Lab File: BF127920.D

Acq: 26 Apr 2022 18:46

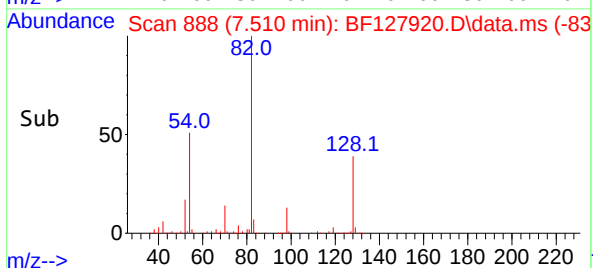
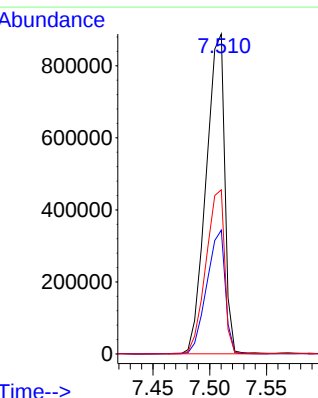
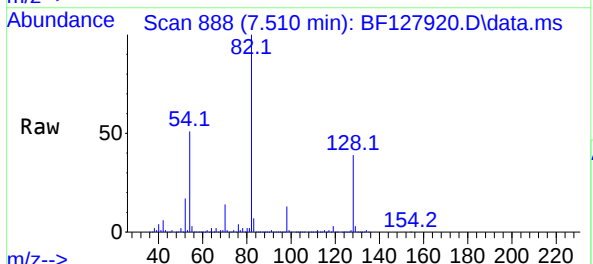
Tgt Ion: 82 Resp: 1015866

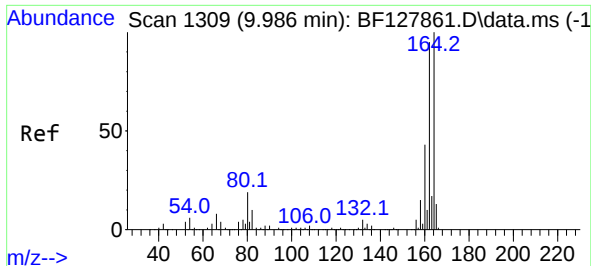
Ion Ratio Lower Upper

82 100

128 38.7 30.0 45.0

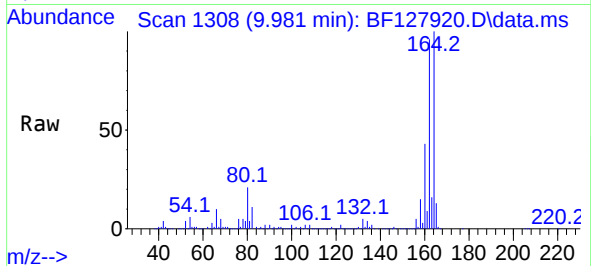
54 51.3 41.3 61.9





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.981 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF127920.D
Acq: 26 Apr 2022 18:46

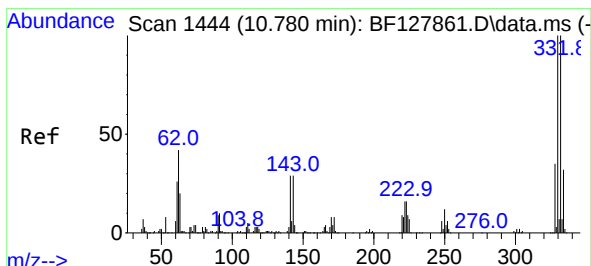
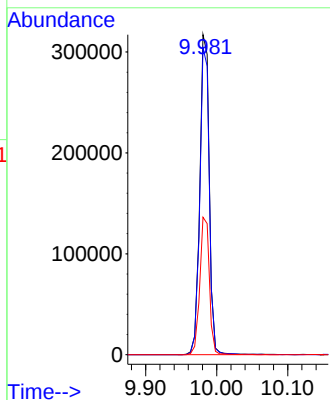
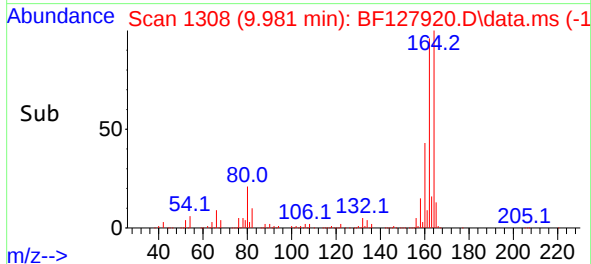
Instrument :
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ClientSampleId :
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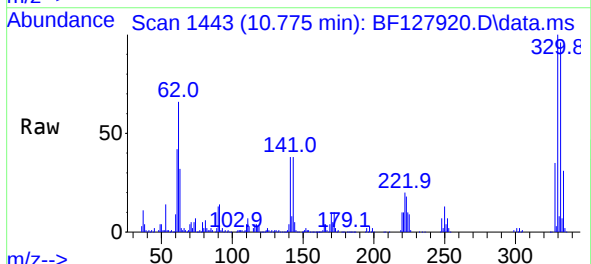
Tgt Ion:164 Resp: 29492
Ion Ratio Lower Upper
164 100
162 95.9 76.0 114.0
160 43.0 34.8 52.2

Manual Integrations
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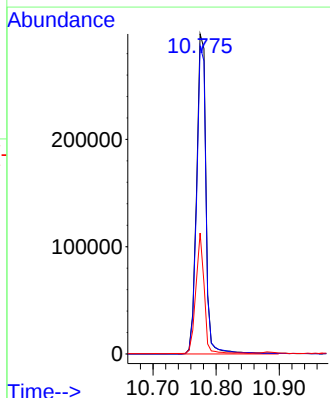
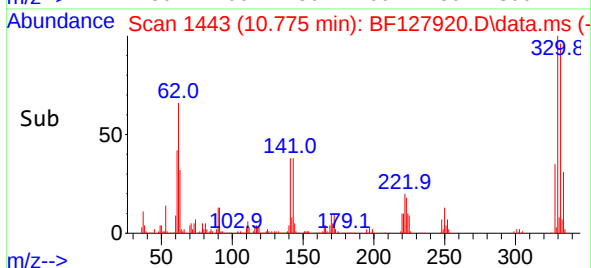
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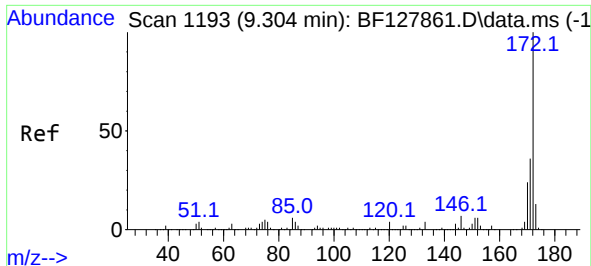


#42
2,4,6-Tribromophenol
Concen: 103.503 ng
RT: 10.775 min Scan# 1443
Delta R.T. -0.006 min
Lab File: BF127920.D
Acq: 26 Apr 2022 18:46



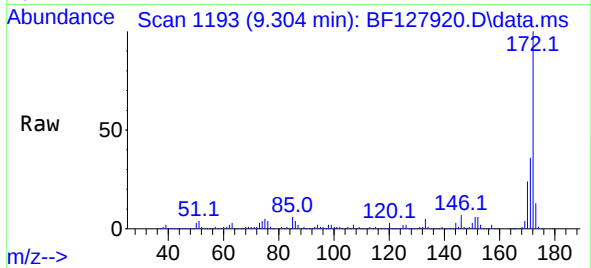
Tgt Ion:330 Resp: 307293
Ion Ratio Lower Upper
330 100
332 96.1 79.0 118.4
141 33.7 28.9 43.3





#45
2-Fluorobiphenyl
Concen: 91.175 ng
RT: 9.304 min Scan# 1193
Delta R.T. 0.000 min
Lab File: BF127920.D
Acq: 26 Apr 2022 18:46

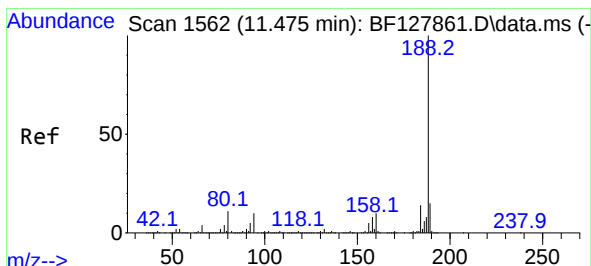
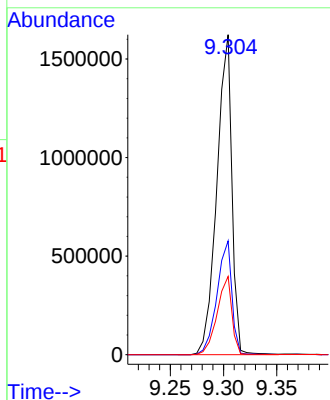
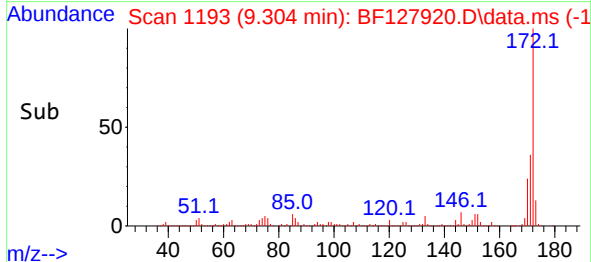
Instrument :
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C5



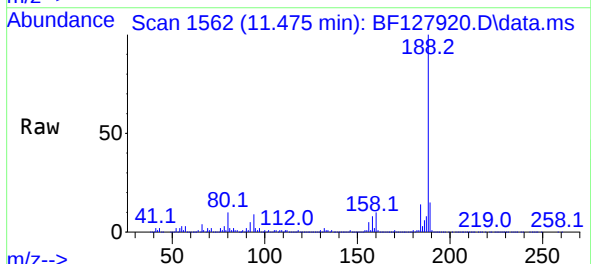
Tgt Ion:172 Resp: 1589480
Ion Ratio Lower Upper
172 100
171 35.6 28.6 42.8
170 24.4 19.1 28.7

Manual Integrations
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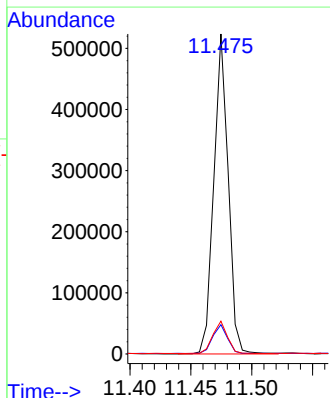
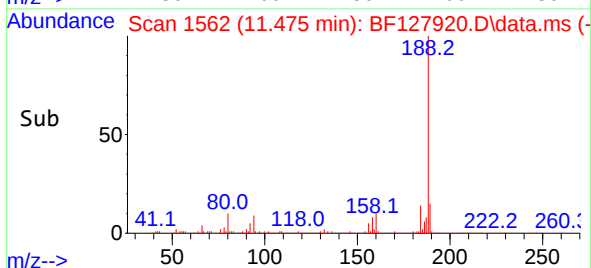
Reviewed By :Christian Giraldo 04/27/2022
Supervised By :Jagrut Upadhyay 04/27/2022

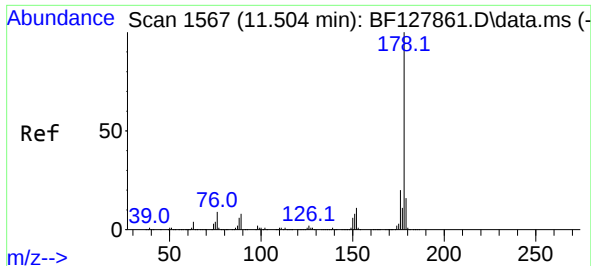


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.475 min Scan# 1562
Delta R.T. 0.000 min
Lab File: BF127920.D
Acq: 26 Apr 2022 18:46



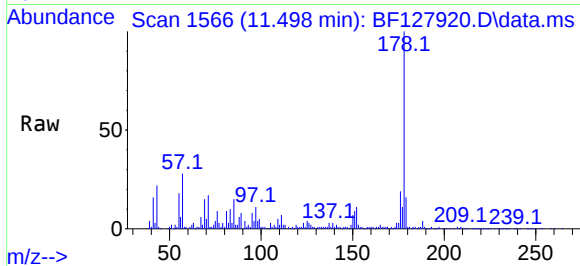
Tgt Ion:188 Resp: 432183
Ion Ratio Lower Upper
188 100
94 9.2 8.0 12.0
80 10.3 8.9 13.3





#71
Phenanthrene
Concen: 2.932 ng
RT: 11.498 min Scan# 1566
Delta R.T. -0.006 min
Lab File: BF127920.D
Acq: 26 Apr 2022 18:46

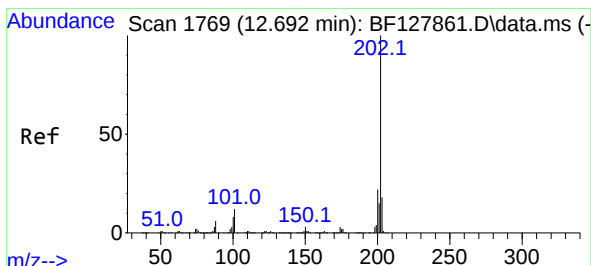
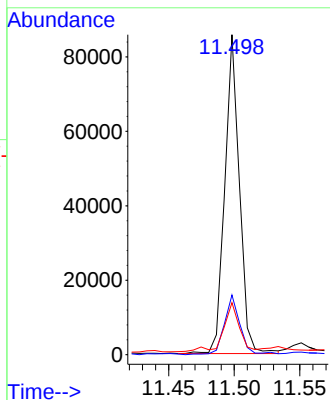
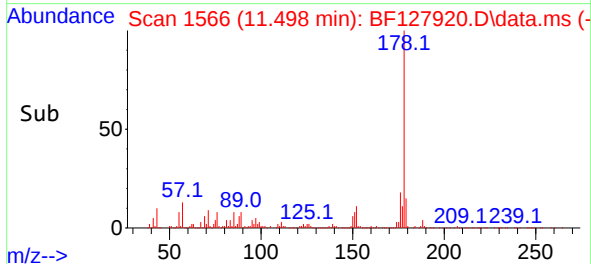
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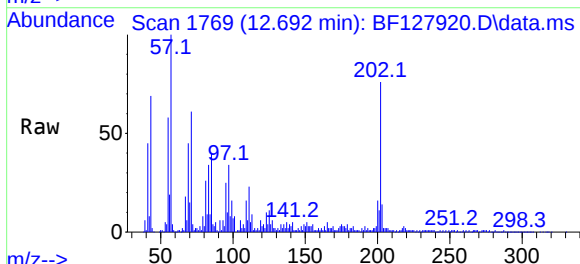
Tgt Ion:178 Resp: 66340
Ion Ratio Lower Upper
178 100
176 18.6 15.7 23.5
179 16.2 12.6 19.0

Manual Integrations
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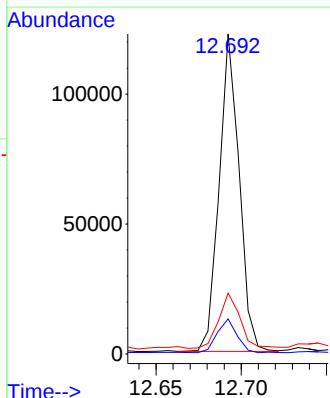
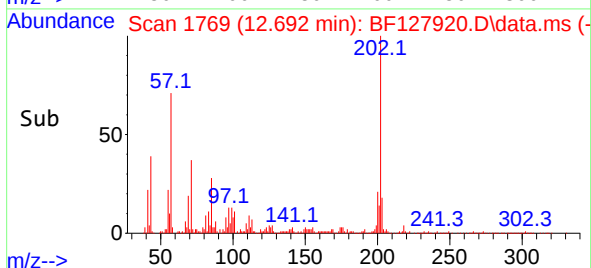
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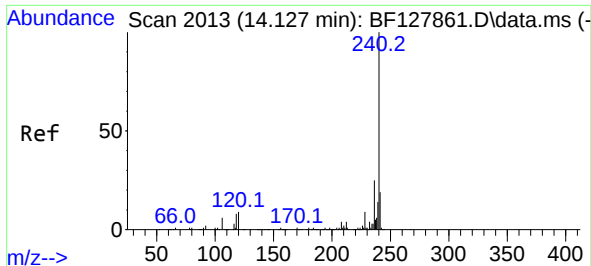


#75
Fluoranthene
Concen: 4.185 ng
RT: 12.692 min Scan# 1769
Delta R.T. 0.000 min
Lab File: BF127920.D
Acq: 26 Apr 2022 18:46



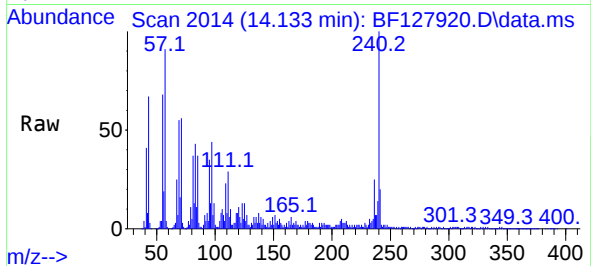
Tgt Ion:202 Resp: 99632
Ion Ratio Lower Upper
202 100
101 10.9 0.0 31.6
203 19.0 0.0 38.1





#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.133 min Scan# 2013
Delta R.T. 0.006 min
Lab File: BF127920.D
Acq: 26 Apr 2022 18:46

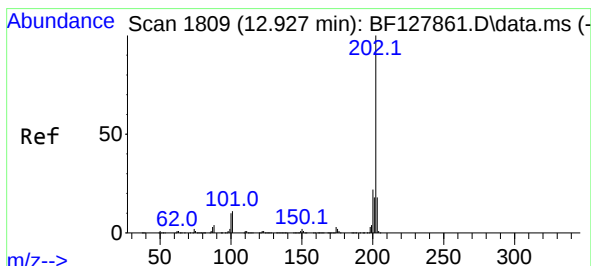
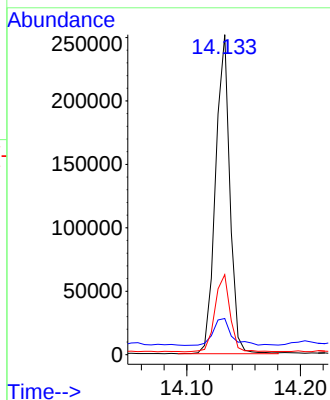
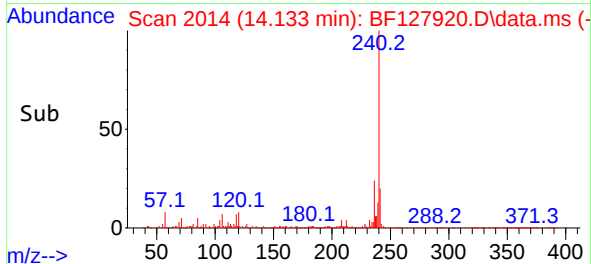
Instrument :
BNA_F
ClientSampleId :
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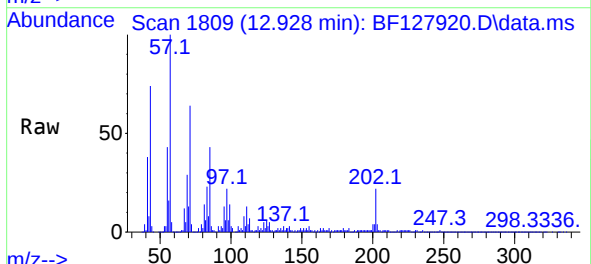
Tgt Ion:240 Resp: 21990
Ion Ratio Lower Upper
240 100
120 11.3 7.0 10.6
236 25.0 20.3 30.5

Manual Integrations
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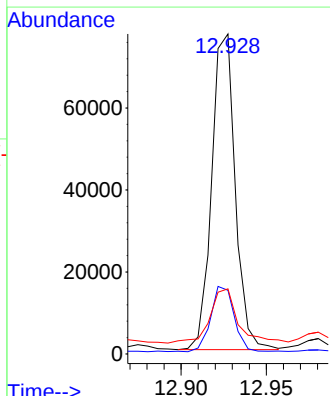
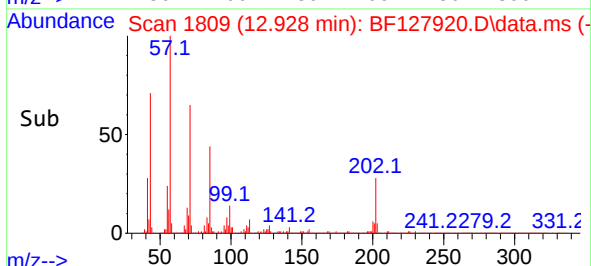
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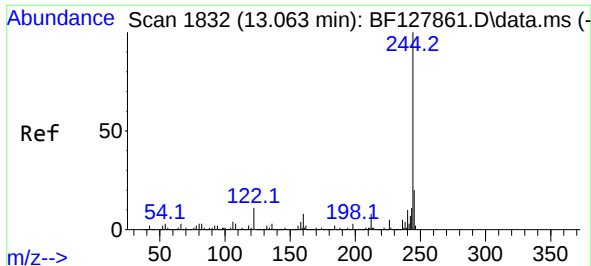


#78
Pyrene
Concen: 4.178 ng
RT: 12.928 min Scan# 1809
Delta R.T. 0.000 min
Lab File: BF127920.D
Acq: 26 Apr 2022 18:46



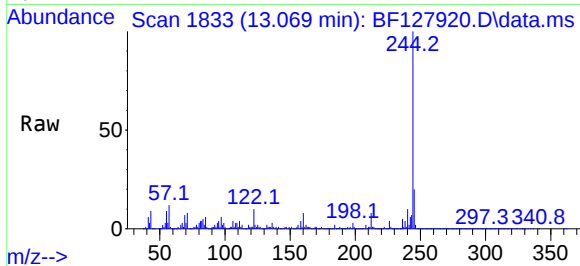
Tgt Ion:202 Resp: 74189
Ion Ratio Lower Upper
202 100
200 19.9 17.4 26.2
203 20.3 14.0 21.0





#79
Terphenyl-d14
Concen: 95.031 ng
RT: 13.069 min Scan# 1832
Delta R.T. 0.006 min
Lab File: BF127920.D
Acq: 26 Apr 2022 18:46

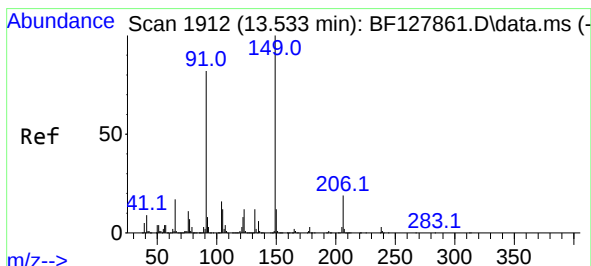
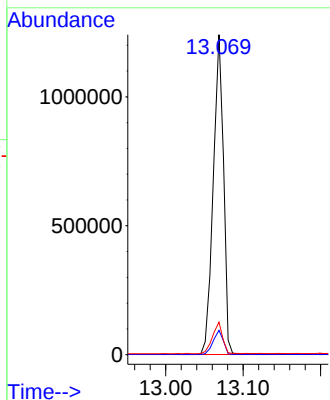
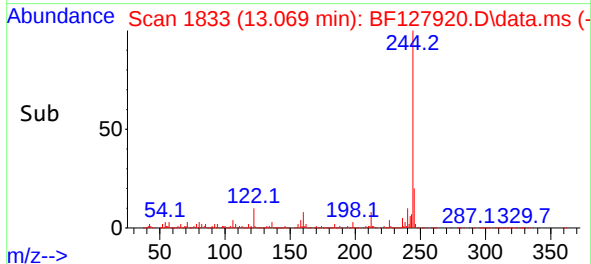
Instrument :
BNA_F
ClientSampleId :
C5



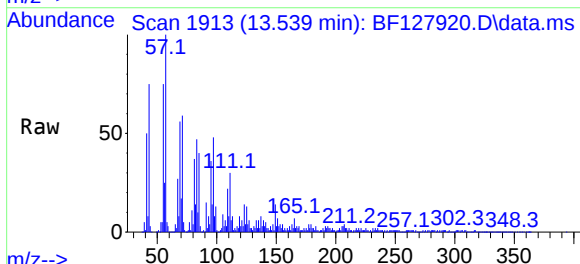
Tgt Ion:244 Resp: 1143329
Ion Ratio Lower Upper
244 100
212 7.6 6.2 9.4
122 10.1 8.6 12.8

Manual Integrations
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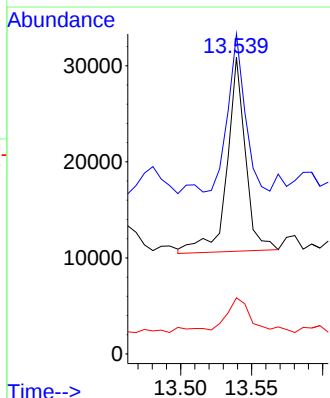
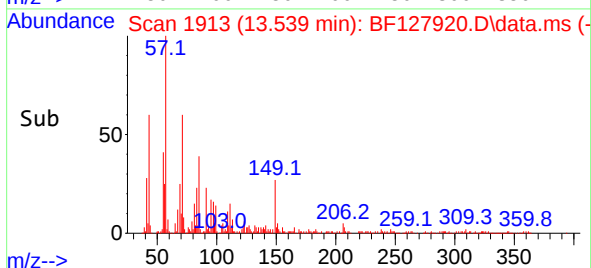
Reviewed By :Christian Giraldo 04/27/2022
Supervised By :Jagrut Upadhyay 04/27/2022

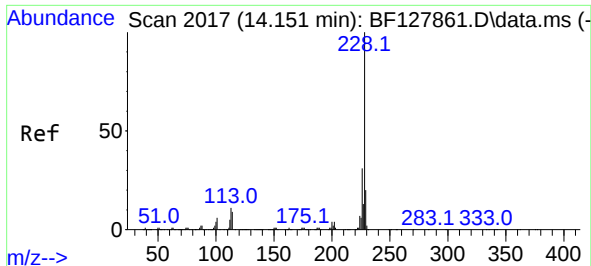


#80
Butylbenzylphthalate
Concen: 2.610 ng
RT: 13.539 min Scan# 1913
Delta R.T. 0.006 min
Lab File: BF127920.D
Acq: 26 Apr 2022 18:46



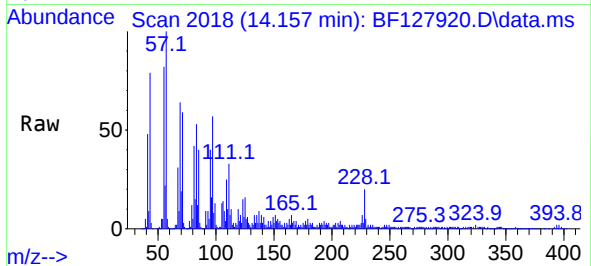
Tgt Ion:149 Resp: 18168
Ion Ratio Lower Upper
149 100
91 107.8 65.8 98.6#
206 18.9 15.4 23.2





#83
Chrysene
Concen: 3.216 ng
RT: 14.157 min Scan# 2017
Delta R.T. 0.006 min
Lab File: BF127920.D
Acq: 26 Apr 2022 18:46

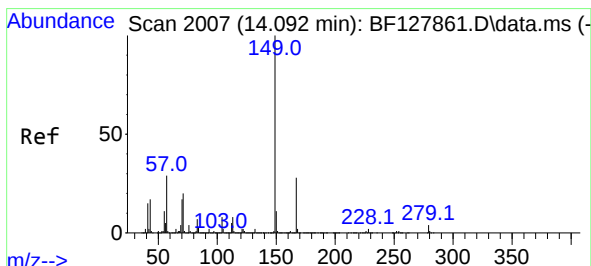
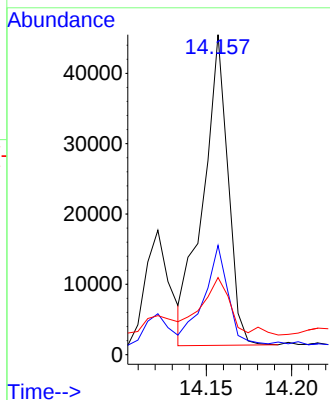
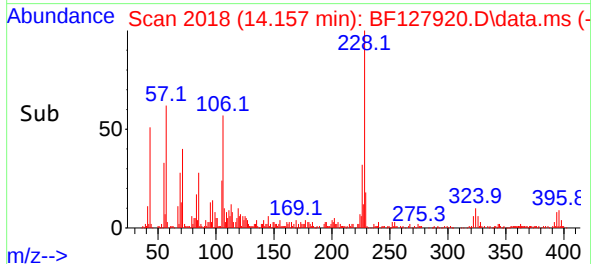
Instrument :
BNA_F
ClientSampleId :
C5



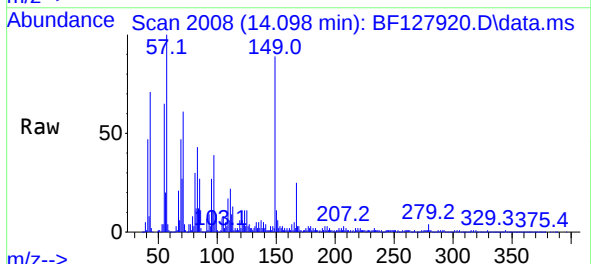
Tgt Ion: 228 Resp: 45044
Ion Ratio Lower Upper
228 100
226 34.2 24.4 36.6
229 24.1 15.8 23.8

Manual Integrations
APPROVED

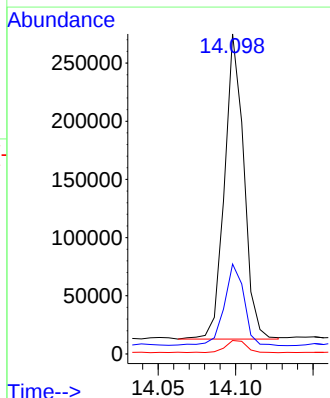
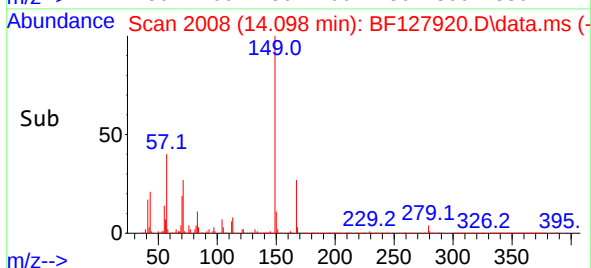
Reviewed By : Christian Giraldo 04/27/2022
Supervised By : Jagrut Upadhyay 04/27/2022

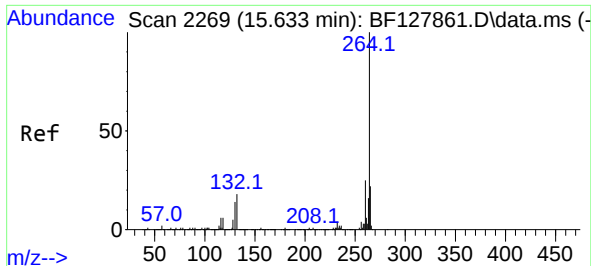


#84
Bis(2-ethylhexyl)phthalate
Concen: 24.612 ng
RT: 14.098 min Scan# 2008
Delta R.T. 0.006 min
Lab File: BF127920.D
Acq: 26 Apr 2022 18:46



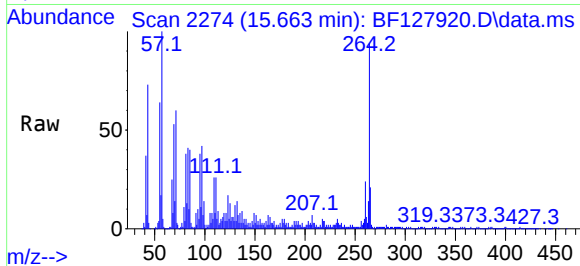
Tgt Ion: 149 Resp: 227194
Ion Ratio Lower Upper
149 100
167 28.1 22.0 33.0
279 4.2 3.4 5.0





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.663 min Scan# 2196
Delta R.T. 0.030 min
Lab File: BF127920.D
Acq: 26 Apr 2022 18:46

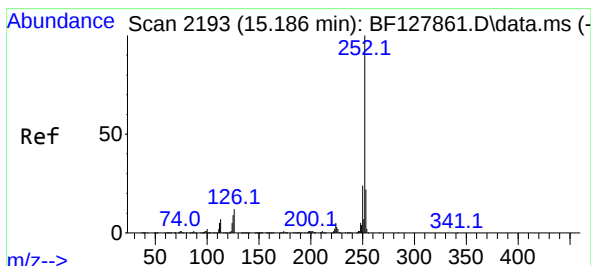
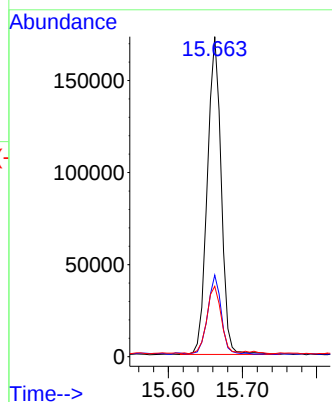
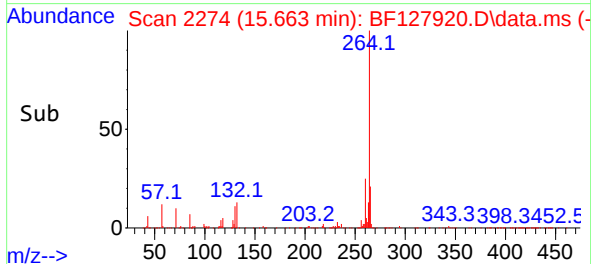
Instrument :
BNA_F
ClientSampleId :
C5



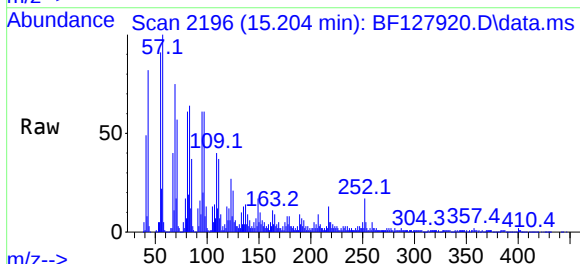
Tgt Ion:264 Resp: 22493
Ion Ratio Lower Upper
264 100
260 25.5 20.1 30.1
265 22.0 17.5 26.3

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 04/27/2022
Supervised By :Jagrut Upadhyay 04/27/2022



#88
Benzo(b)fluoranthene
Concen: 2.823 ng m
RT: 15.204 min Scan# 2196
Delta R.T. 0.018 min
Lab File: BF127920.D
Acq: 26 Apr 2022 18:46



Tgt Ion:252 Resp: 39890
Ion Ratio Lower Upper
252 100
253 31.4 17.4 26.2#
125 128.9 7.4 11.2#

