

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121821\
 Data File : BF126264.D
 Acq On : 18 Dec 2021 20:22
 Operator : JU/CG
 Sample : M5142-01 10X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 A2

Quant Time: Dec 20 08:04:17 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121521.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 16 12:22:48 2021
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Christian Giraldo 12/20/2021
 Supervised By :mohammad ahmed 12/29/2021

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.816	152	250734	20.000	ng	0.00
21) Naphthalene-d8	8.098	136	1052346	20.000	ng	# 0.00
39) Acenaphthene-d10	9.851	164	479765	20.000	ng	0.00
64) Phenanthrene-d10	11.333	188	687535	20.000	ng	# 0.00
76) Chrysene-d12	13.968	240	400878	20.000	ng	# 0.00
86) Perylene-d12	15.415	264	365618	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.410	112	166838	9.799	ng	-0.01
7) Phenol-d6	6.428	99	215917	9.987	ng	-0.02
23) Nitrobenzene-d5	7.369	82	129391	6.659	ng	-0.01
42) 2,4,6-Tribromophenol	10.633	330	25778	6.686	ng	0.00
45) 2-Fluorobiphenyl	9.175	172	201197	7.355	ng	0.00
79) Terphenyl-d14	12.915	244	130487	5.658	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	11.357	178	80620	2.272	ng	98
75) Fluoranthene	12.545	202	104646	3.273	ng	93
78) Pyrene	12.774	202	100130	2.719	ng	99
84) Bis(2-ethylhexyl)phtha...	13.962	149	73085	3.774	ng	99
88) Benzo(b)fluoranthene	14.998	252	50777m	2.311	ng	

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

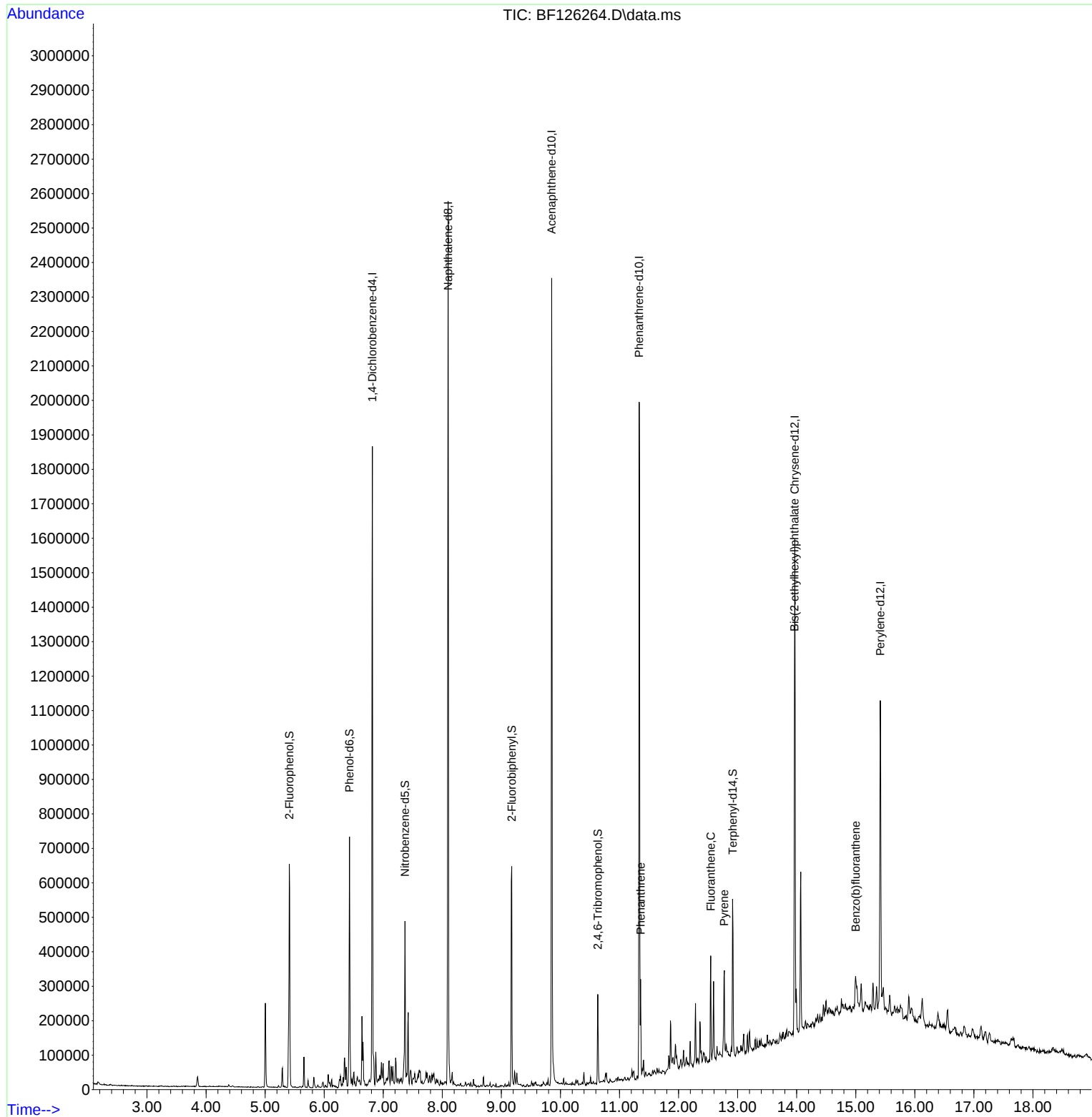
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121821\
Data File : BF126264.D
Acq On : 18 Dec 2021 20:22
Operator : JU/CG
Sample : M5142-01 10X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
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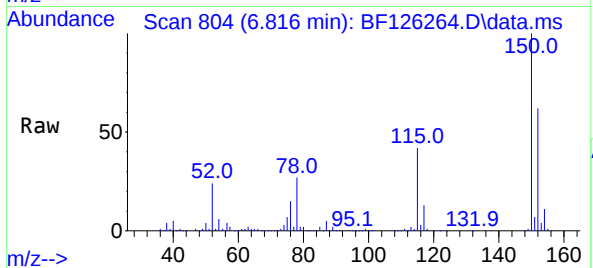
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 16 12:22:48 2021
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.816 min Scan# 804
Delta R.T. -0.000 min
Lab File: BF126264.D
Acq: 18 Dec 2021 20:22

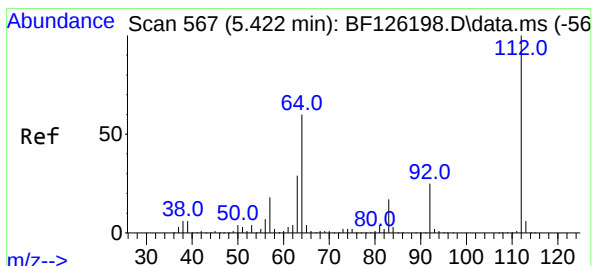
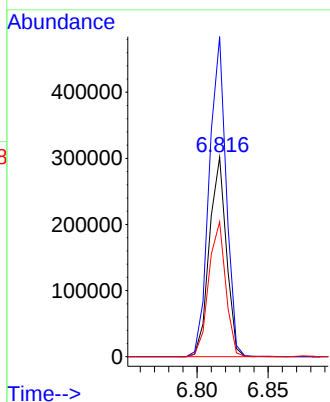
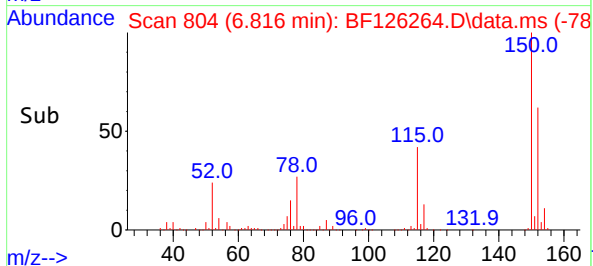
Instrument :
BNA_F
ClientSampleId :
A2



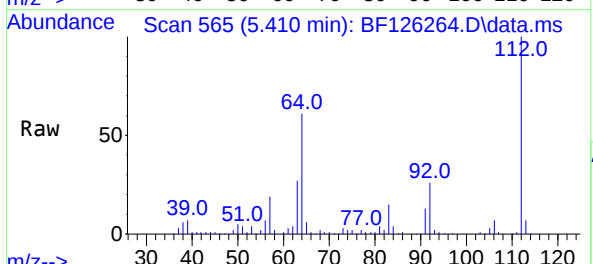
Tgt Ion:152 Resp: 250734
Ion Ratio Lower Upper
152 100
150 160.4 117.6 176.4
115 67.7 47.1 70.7

Manual Integrations
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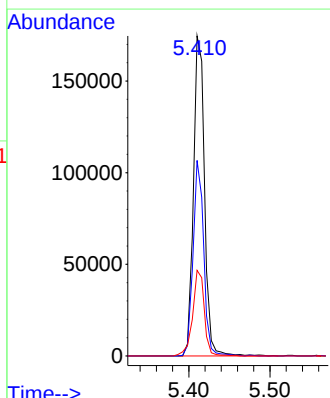
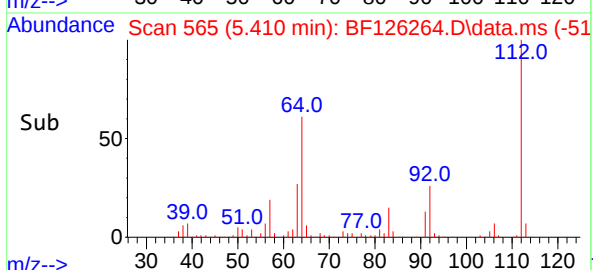
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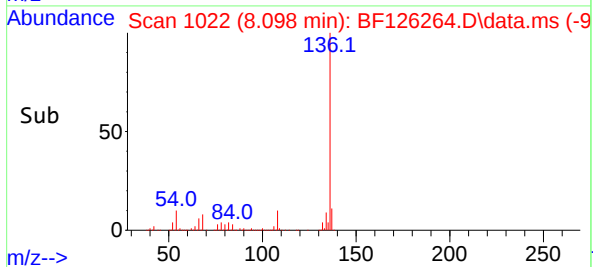
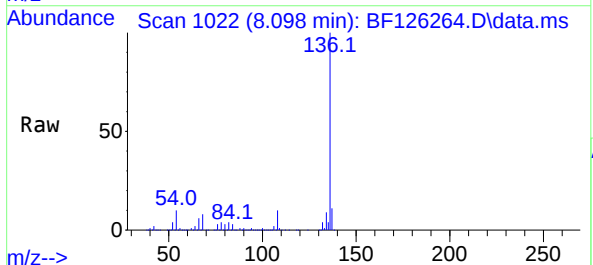
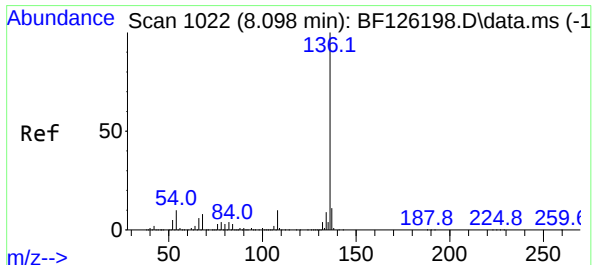
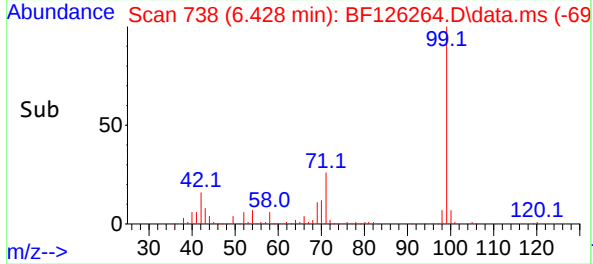
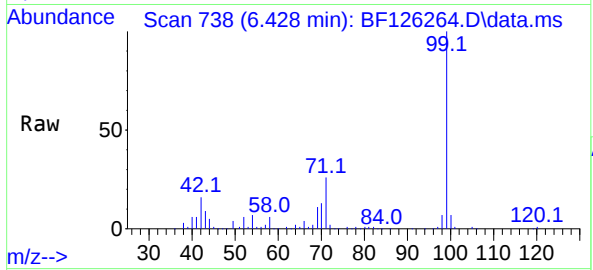
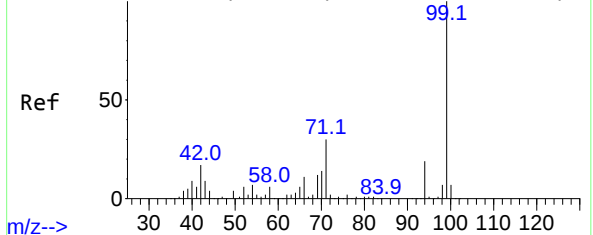
#5
2-Fluorophenol
Concen: 9.799 ng
RT: 5.410 min Scan# 565
Delta R.T. -0.012 min
Lab File: BF126264.D
Acq: 18 Dec 2021 20:22



Tgt Ion:112 Resp: 166838
Ion Ratio Lower Upper
112 100
64 61.1 44.2 66.2
63 26.8 26.2 39.2



Abundance Scan 741 (6.445 min): BF126198.D\data.ms (-73



#7

Phenol-d6

Concen: 9.987 ng

RT: 6.428 min Scan# 741

Delta R.T. -0.018 min

Lab File: BF126264.D

Acq: 18 Dec 2021 20:22

Instrument :

BNA_F

ClientSampleId :

A2

Tgt Ion: 99 Resp: 21591

Ion Ratio Lower Upper

99 100

42 16.0 23.5 35.3

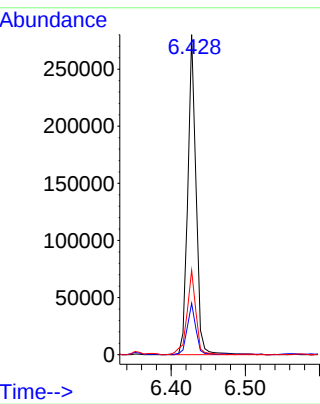
71 26.4 25.6 38.4

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#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.098 min Scan# 1022

Delta R.T. 0.000 min

Lab File: BF126264.D

Acq: 18 Dec 2021 20:22

Tgt Ion:136 Resp: 1052346

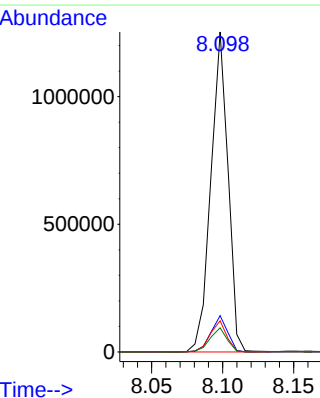
Ion Ratio Lower Upper

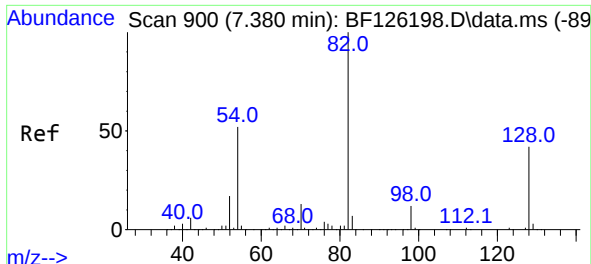
136 100

137 11.4 9.8 14.6

54 9.8 6.4 9.6

68 7.5 3.3 4.9





#23

Nitrobenzene-d5

Concen: 6.659 ng

RT: 7.369 min Scan# 89

Delta R.T. -0.012 min

Lab File: BF126264.D

Acq: 18 Dec 2021 20:22

Instrument :

BNA_F

ClientSampleId :

A2

Tgt Ion: 82 Resp: 12939

Ion Ratio Lower Upper

82 100

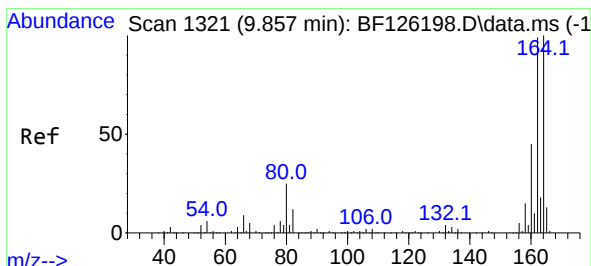
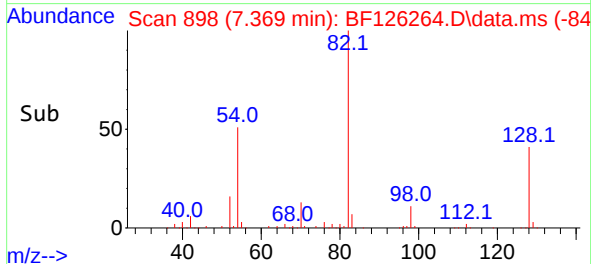
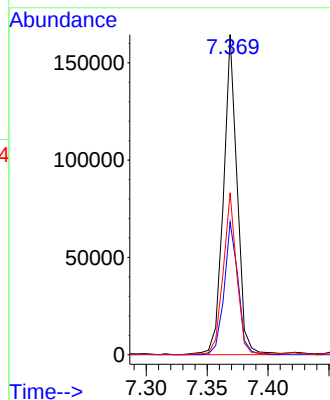
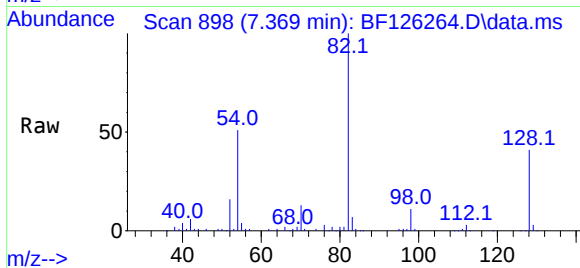
128 41.4 40.6 60.8

54 50.6 49.6 74.4

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#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.851 min Scan# 1320

Delta R.T. -0.006 min

Lab File: BF126264.D

Acq: 18 Dec 2021 20:22

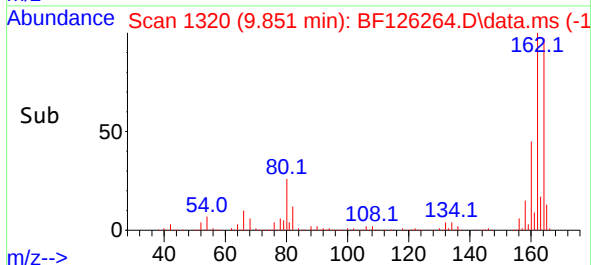
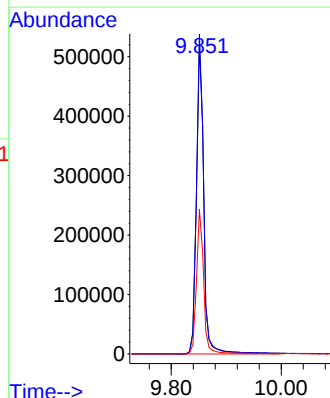
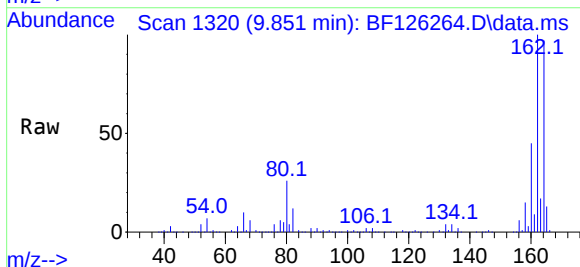
Tgt Ion:164 Resp: 479765

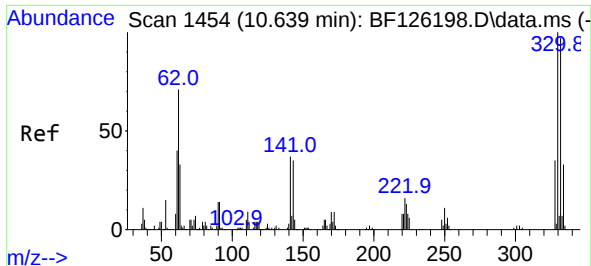
Ion Ratio Lower Upper

164 100

162 103.0 81.3 121.9

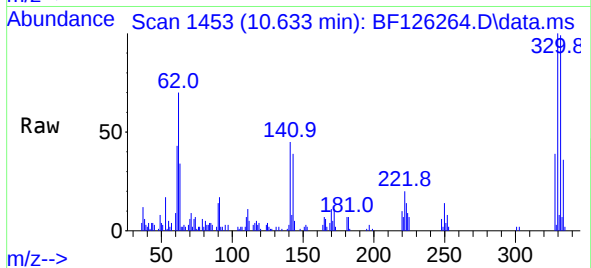
160 46.6 38.0 57.0





#42
2,4,6-Tribromophenol
Concen: 6.686 ng
RT: 10.633 min Scan# 1454
Delta R.T. -0.006 min
Lab File: BF126264.D
Acq: 18 Dec 2021 20:22

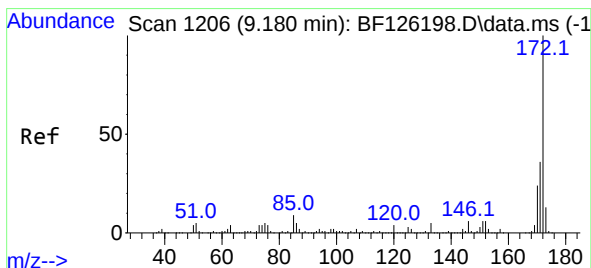
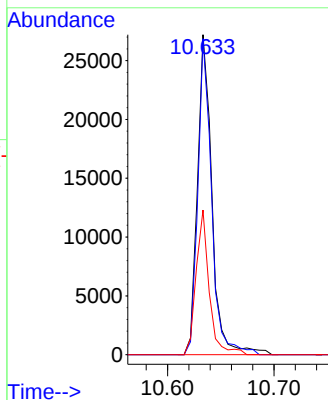
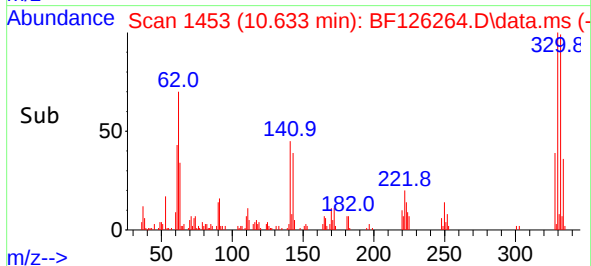
Instrument :
BNA_F
ClientSampleId :
A2



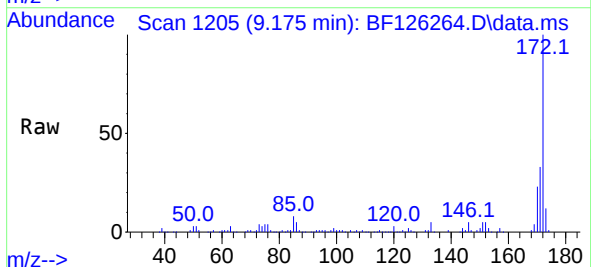
Tgt Ion: 330 Resp: 25778
Ion Ratio Lower Upper
330 100
332 93.7 76.2 114.4
141 41.0 44.6 66.8

Manual Integrations
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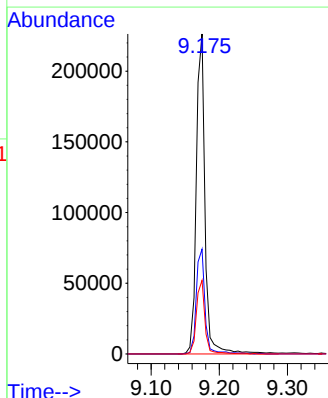
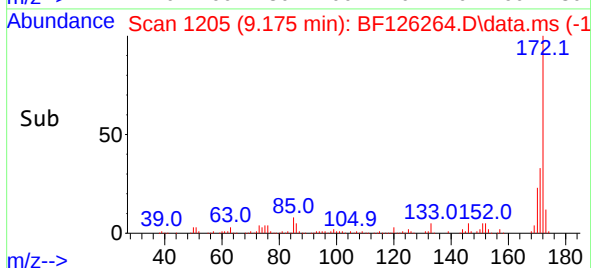
Reviewed By : Christian Giraldo 12/20/2021
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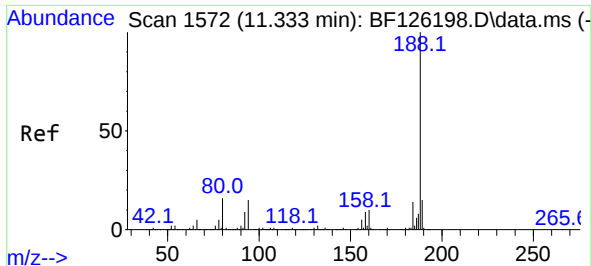


#45
2-Fluorobiphenyl
Concen: 7.355 ng
RT: 9.175 min Scan# 1205
Delta R.T. -0.006 min
Lab File: BF126264.D
Acq: 18 Dec 2021 20:22



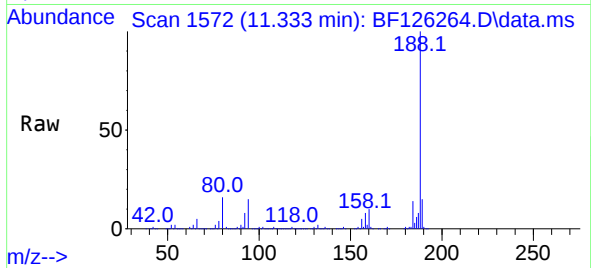
Tgt Ion: 172 Resp: 201197
Ion Ratio Lower Upper
172 100
171 32.8 26.5 39.7
170 23.0 18.8 28.2





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.333 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF126264.D
Acq: 18 Dec 2021 20:22

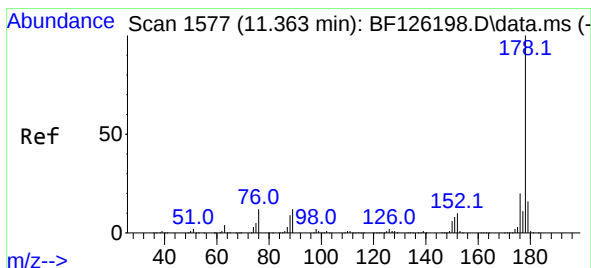
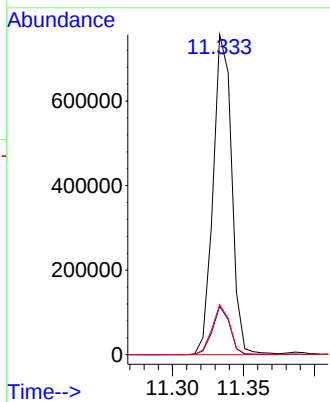
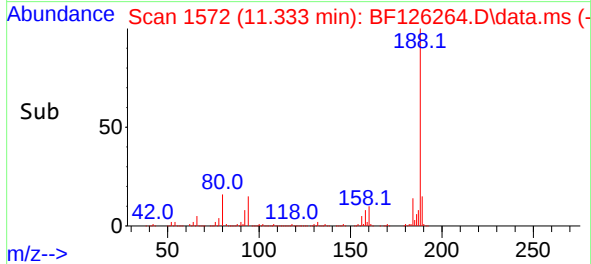
Instrument :
BNA_F
ClientSampleId :
A2



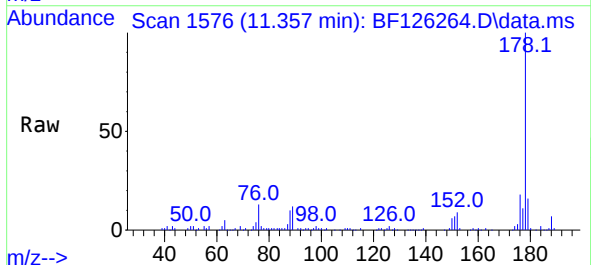
Tgt Ion:188 Resp: 68753
Ion Ratio Lower Upper
188 100
94 15.1 6.7 10.1
80 15.7 7.5 11.3

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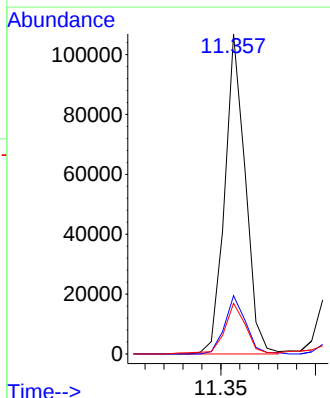
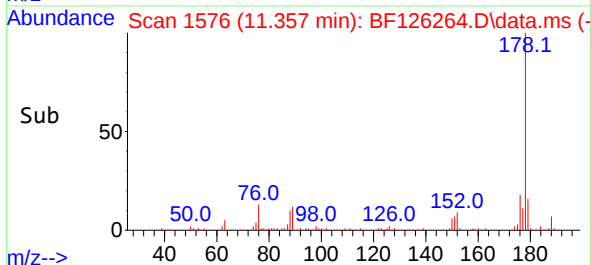
Reviewed By :Christian Giraldo 12/20/2021
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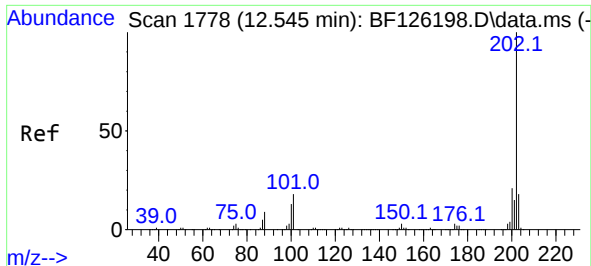


#71
Phenanthrene
Concen: 2.272 ng
RT: 11.357 min Scan# 1576
Delta R.T. -0.006 min
Lab File: BF126264.D
Acq: 18 Dec 2021 20:22



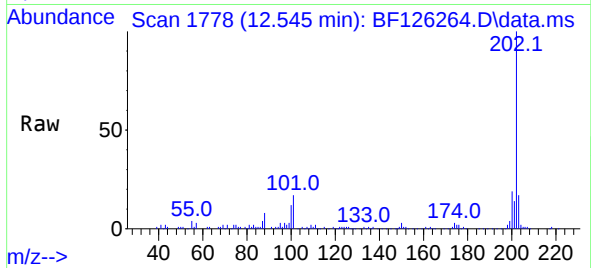
Tgt Ion:178 Resp: 80620
Ion Ratio Lower Upper
178 100
176 18.2 14.7 22.1
179 15.9 11.5 17.3





#75
Fluoranthene
Concen: 3.273 ng
RT: 12.545 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF126264.D
Acq: 18 Dec 2021 20:22

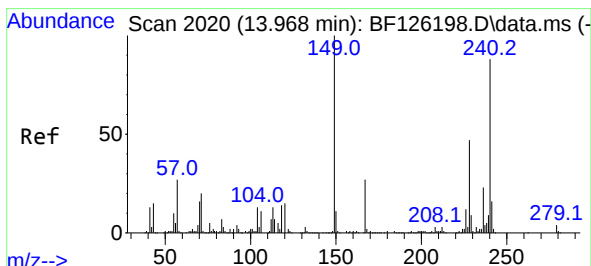
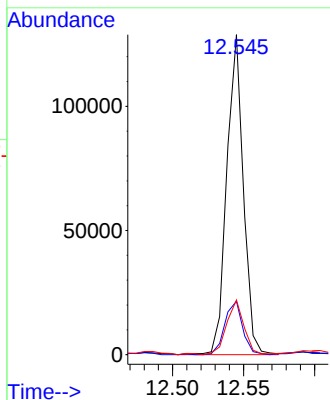
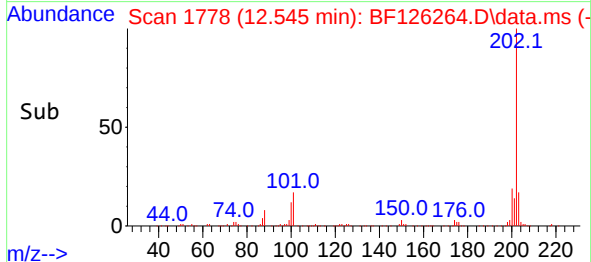
Instrument :
BNA_F
ClientSampleId :
A2



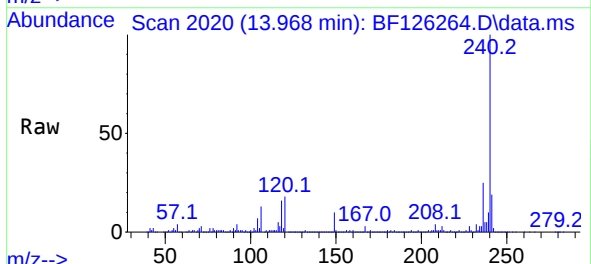
Tgt Ion:202 Resp: 104640
Ion Ratio Lower Upper
202 100
101 16.7 0.0 30.7
203 17.1 0.0 36.3

Manual Integrations
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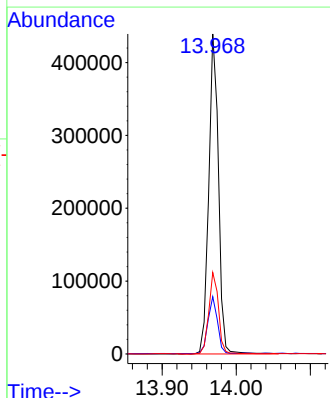
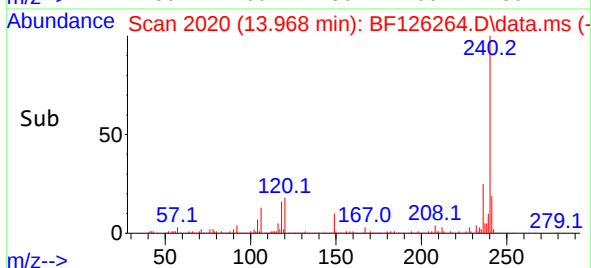
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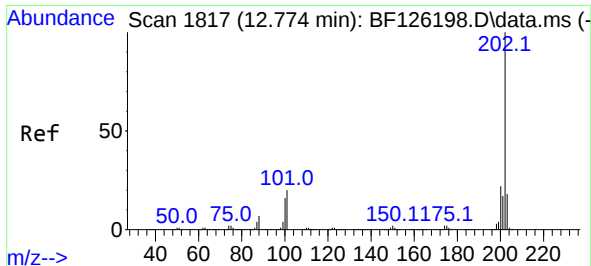


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.968 min Scan# 2020
Delta R.T. 0.000 min
Lab File: BF126264.D
Acq: 18 Dec 2021 20:22



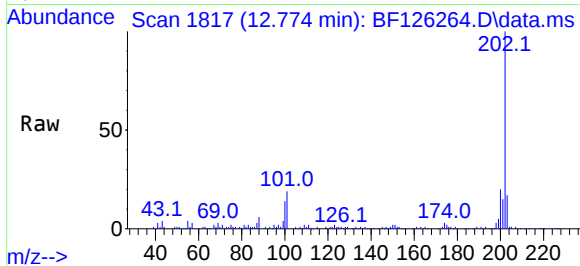
Tgt Ion:240 Resp: 400878
Ion Ratio Lower Upper
240 100
120 17.9 10.8 16.2#
236 25.4 21.6 32.4





#78
Pyrene
Concen: 2.719 ng
RT: 12.774 min Scan# 1817
Delta R.T. 0.000 min
Lab File: BF126264.D
Acq: 18 Dec 2021 20:22

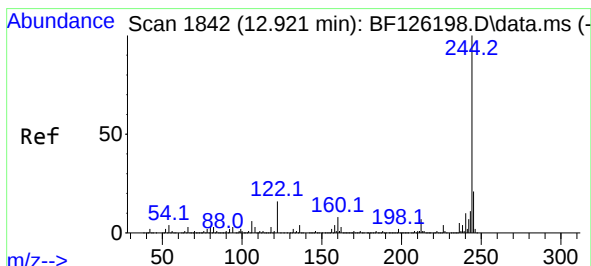
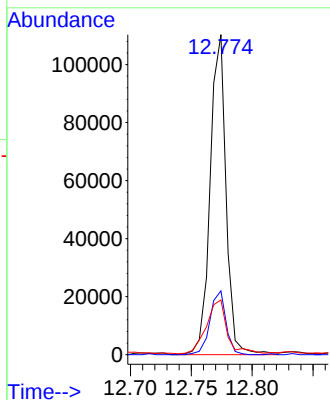
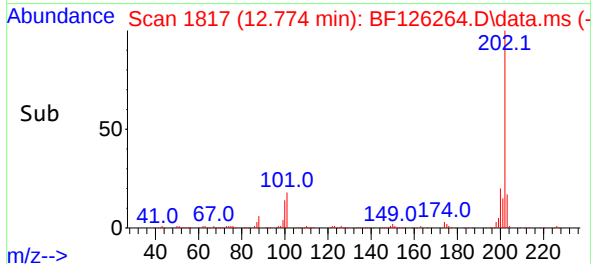
Instrument :
BNA_F
ClientSampleId :
A2



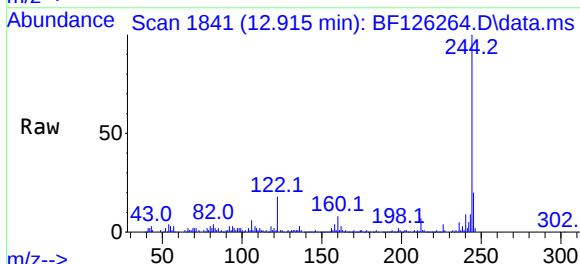
Tgt Ion:202 Resp: 100130
Ion Ratio Lower Upper
202 100
200 19.9 15.3 22.9
203 17.1 13.4 20.0

Manual Integrations
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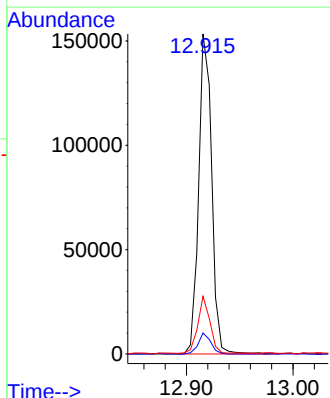
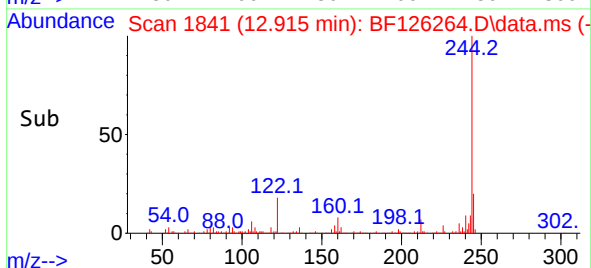
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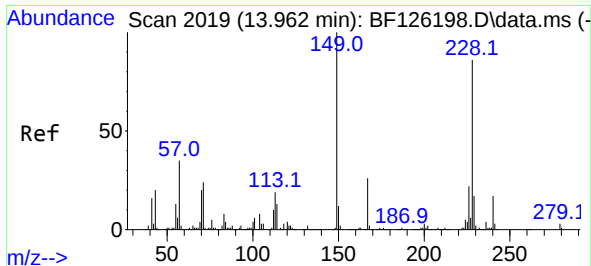


#79
Terphenyl-d14
Concen: 5.658 ng
RT: 12.915 min Scan# 1841
Delta R.T. -0.006 min
Lab File: BF126264.D
Acq: 18 Dec 2021 20:22



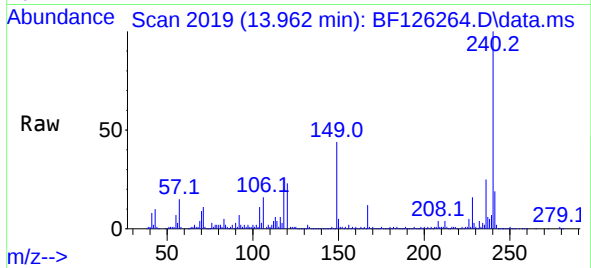
Tgt Ion:244 Resp: 130487
Ion Ratio Lower Upper
244 100
212 6.6 5.9 8.9
122 18.0 9.0 13.4





#84
Bis(2-ethylhexyl)phthalate
Concen: 3.774 ng
RT: 13.962 min Scan# 2019
Delta R.T. 0.000 min
Lab File: BF126264.D
Acq: 18 Dec 2021 20:22

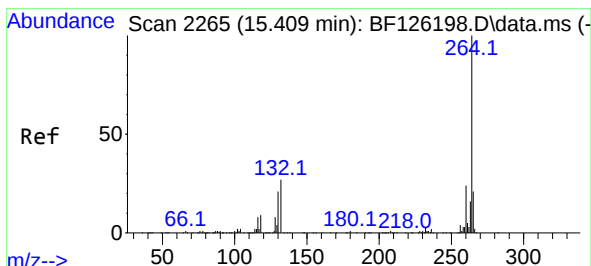
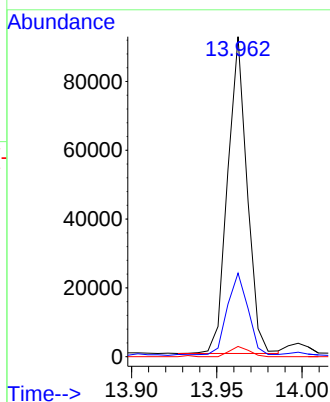
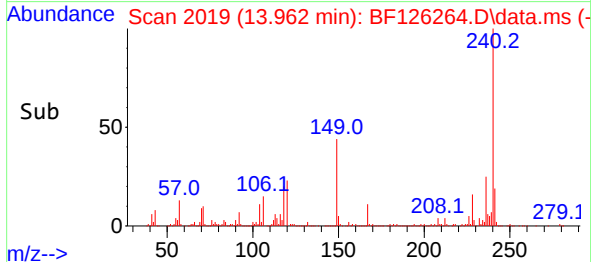
Instrument :
BNA_F
ClientSampleId :
A2



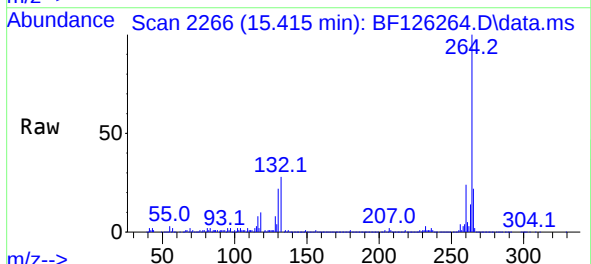
Tgt Ion:149 Resp: 73085
Ion Ratio Lower Upper
149 100
167 26.1 21.4 32.0
279 3.2 2.6 4.0

Manual Integrations
APPROVED

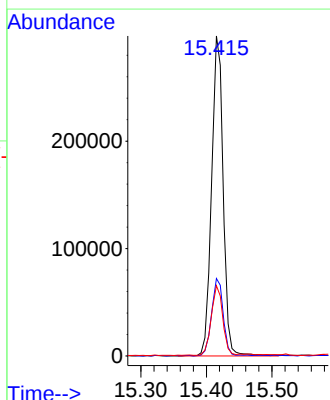
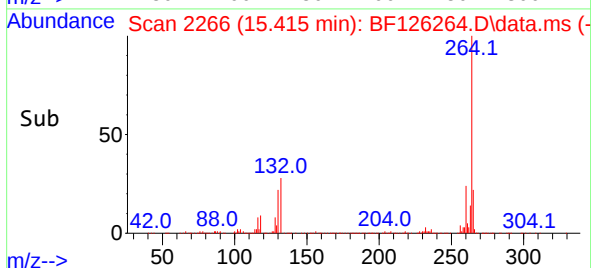
Reviewed By :Christian Giraldo 12/20/2021
Supervised By :mohammad ahmed 12/29/2021

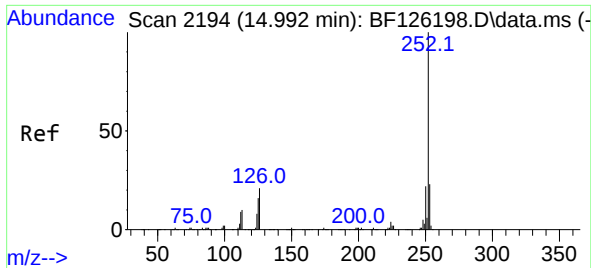


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.415 min Scan# 2266
Delta R.T. 0.006 min
Lab File: BF126264.D
Acq: 18 Dec 2021 20:22



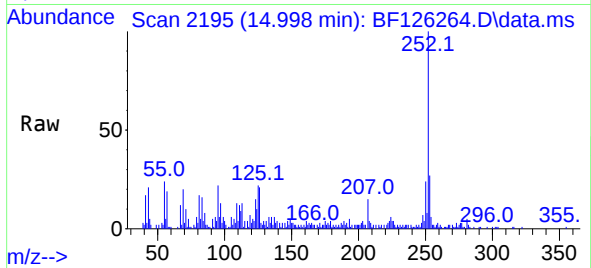
Tgt Ion:264 Resp: 365618
Ion Ratio Lower Upper
264 100
260 24.2 19.6 29.4
265 21.9 17.2 25.8





#88
Benzo(b)fluoranthene
Concen: 2.311 ng m
RT: 14.998 min Scan# 2195
Delta R.T. 0.006 min
Lab File: BF126264.D
Acq: 18 Dec 2021 20:22

Instrument :
BNA_F
ClientSampleId :
A2



Tgt Ion:252 Resp: 5077
Ion Ratio Lower Upper
252 100
253 27.2 16.8 25.2
125 21.8 9.8 14.8

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 12/20/2021
Supervised By :mohammad ahmed 12/29/2021

