

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF123021\
 Data File : BF126442.D
 Acq On : 31 Dec 2021 3:22
 Operator : JU/CG
 Sample : M5244-36
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CONC-13A

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/31/2021
 Supervised By :mohammad ahmed 12/31/2021

Quant Time: Dec 31 05:39:06 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122921.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 30 04:30:49 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.798	152	97185	20.000	ng	0.00
21) Naphthalene-d8	8.081	136	363065	20.000	ng	0.00
39) Acenaphthene-d10	9.833	164	149406	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	259921	20.000	ng	0.00
76) Chrysene-d12	13.980	240	117263	20.000	ng	0.02
86) Perylene-d12	15.427	264	100264	20.000	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.404	112	345952	51.120	ng	0.00
7) Phenol-d6	6.428	99	612783	69.910	ng	0.00
23) Nitrobenzene-d5	7.357	82	466467	65.970	ng	0.00
42) 2,4,6-Tribromophenol	10.622	330	37586	32.555	ng	0.00
45) 2-Fluorobiphenyl	9.157	172	648991	76.439	ng	0.00
79) Terphenyl-d14	12.921	244	495455	82.092	ng	0.02
Target Compounds					Qvalue	
71) Phenanthrene	11.339	178	26863	2.022	ng	# 88
75) Fluoranthene	12.539	202	43479	3.585	ng	# 88
78) Pyrene	12.768	202	37533	3.787	ng	# 84
83) Chrysene	14.004	228	18675	2.700	ng	# 68
84) Bis(2-ethylhexyl)phtha...	13.962	149	145626	32.000	ng	# 95
88) Benzo(b)fluoranthene	15.009	252	19179m	3.211	ng	

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

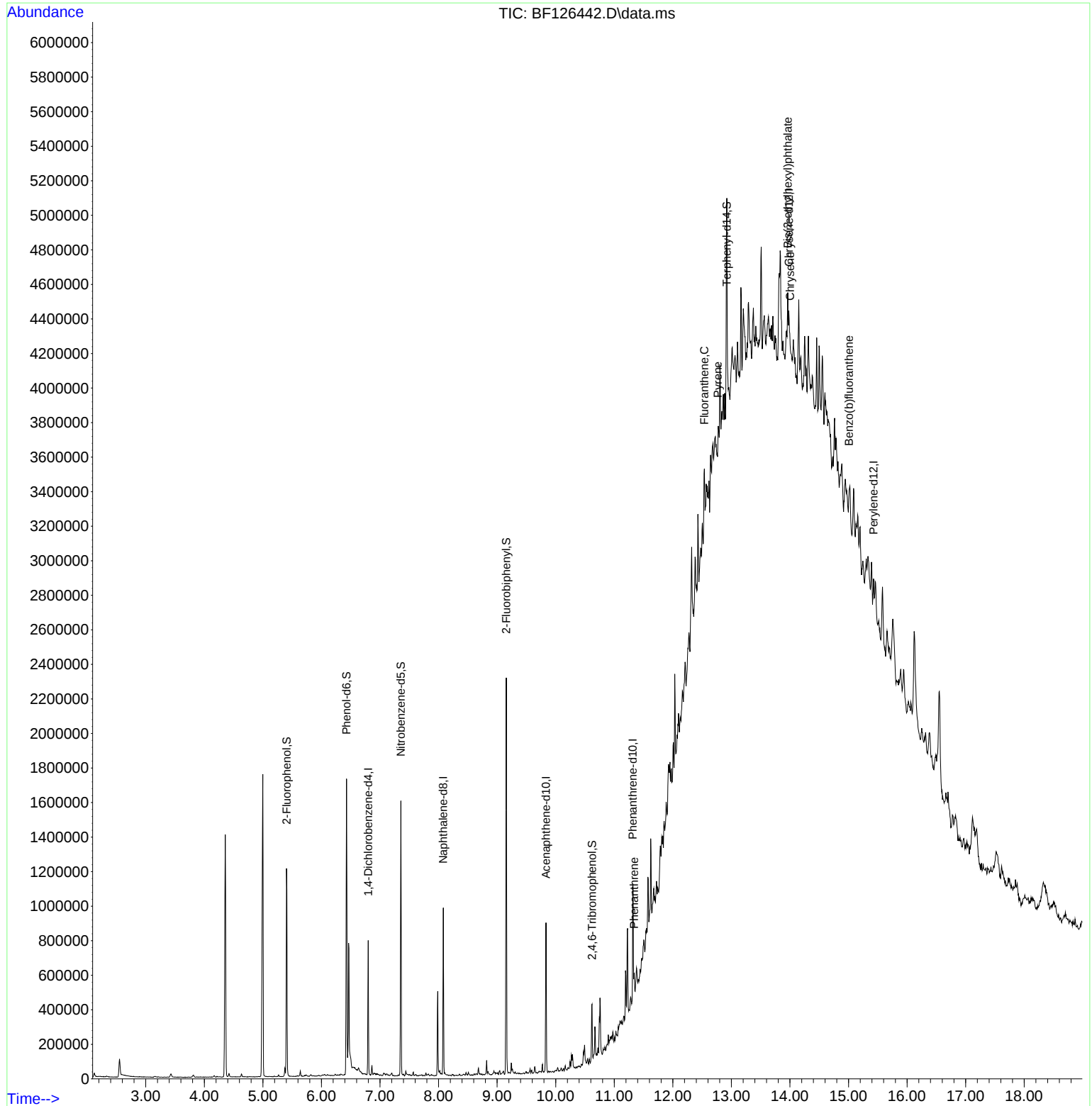
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF123021\
Data File : BF126442.D
Acq On : 31 Dec 2021 3:22
Operator : JU/CG
Sample : M5244-36
Misc :
ALS Vial : 21 Sample Multiplier: 1

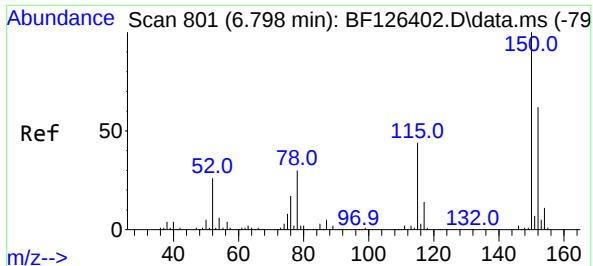
Instrument :
BNA_F
ClientSampleId :
CONC-13A

Quant Time: Dec 31 05:39:06 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 30 04:30:49 2021
Response via : Initial Calibration

Manual Integrations
APPROVED

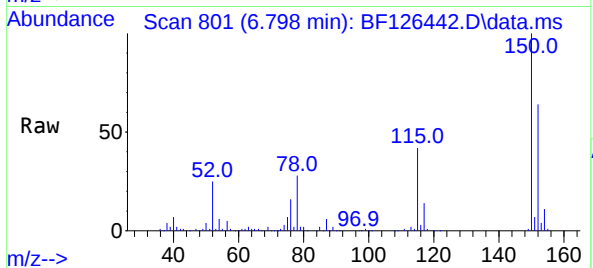
Reviewed By :Yogesh Patel 12/31/2021
Supervised By :mohammad ahmed 12/31/2021





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.798 min Scan# 801
Delta R.T. 0.000 min
Lab File: BF126442.D
Acq: 31 Dec 2021 3:22

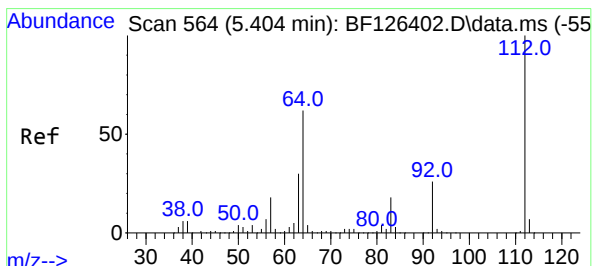
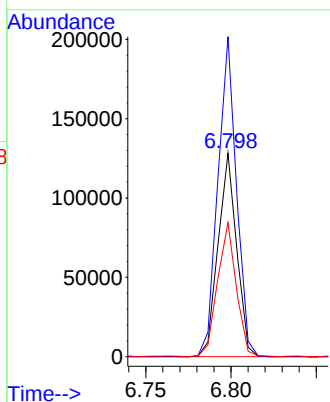
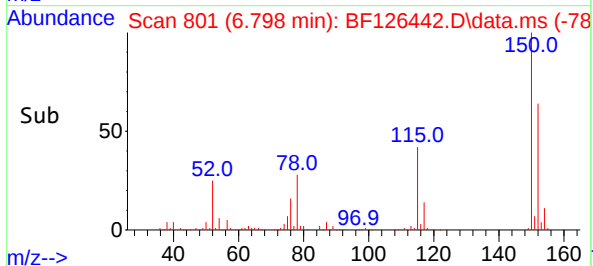
Instrument :
BNA_F
ClientSampleId :
CONC-13A



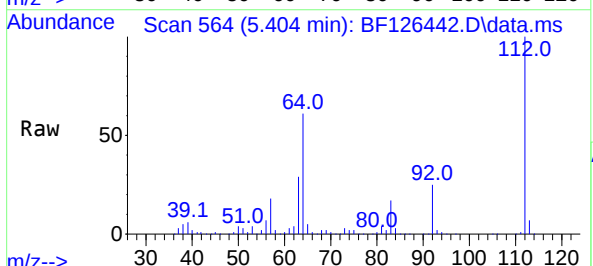
Tgt Ion:152 Resp: 97185
Ion Ratio Lower Upper
152 100
150 157.3 128.1 192.1
115 65.9 56.7 85.1

Manual Integrations
APPROVED

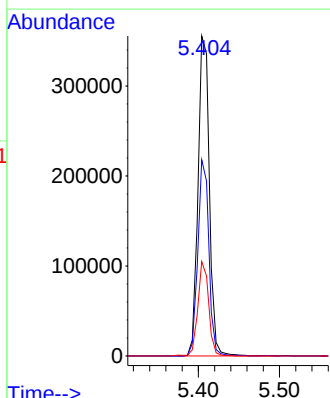
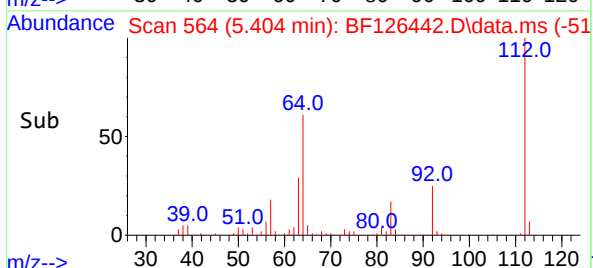
Reviewed By :Yogesh Patel 12/31/2021
Supervised By :mohammad ahmed 12/31/2021



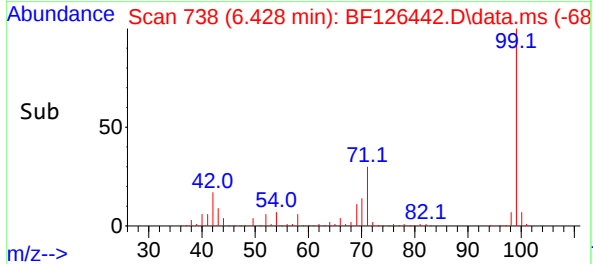
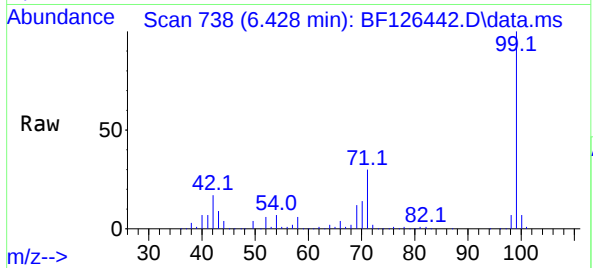
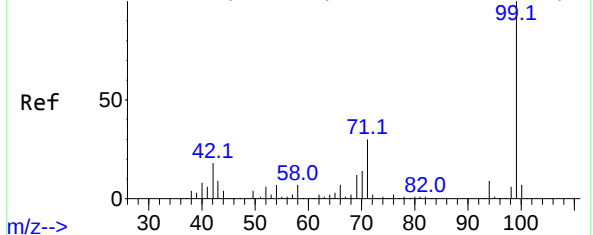
#5
2-Fluorophenol
Concen: 51.120 ng
RT: 5.404 min Scan# 564
Delta R.T. 0.000 min
Lab File: BF126442.D
Acq: 31 Dec 2021 3:22



Tgt Ion:112 Resp: 345952
Ion Ratio Lower Upper
112 100
64 61.3 49.5 74.3
63 29.5 23.9 35.9



Abundance Scan 738 (6.428 min): BF126402.D\data.ms (-73



#7

Phenol-d6

Concen: 69.910 ng

RT: 6.428 min Scan# 71

Delta R.T. 0.000 min

Lab File: BF126442.D

Acq: 31 Dec 2021 3:22

Instrument :

BNA_F

ClientSampleId :

CONC-13A

Tgt Ion: 99 Resp: 61278

Ion Ratio Lower Upper

99 100

42 17.3 14.2 21.4

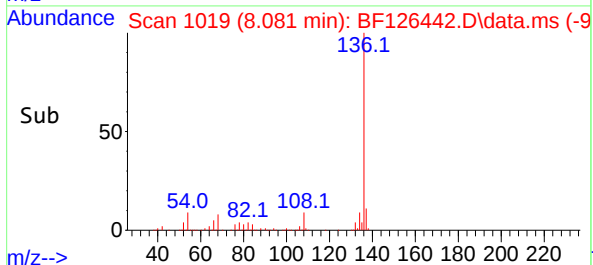
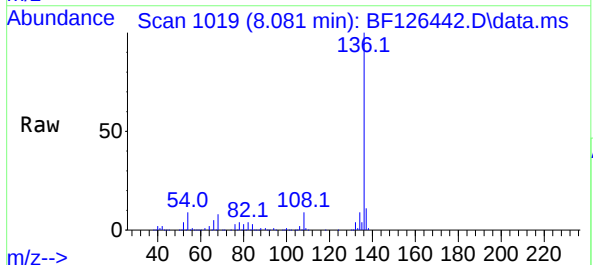
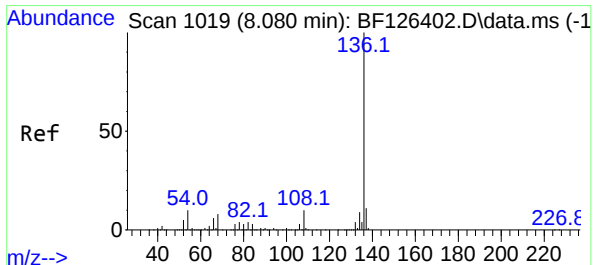
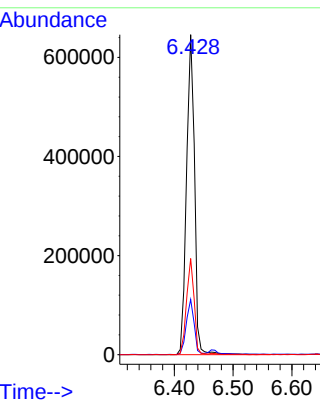
71 30.1 24.3 36.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/31/2021

Supervised By :mohammad ahmed 12/31/2021



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.081 min Scan# 1019

Delta R.T. 0.000 min

Lab File: BF126442.D

Acq: 31 Dec 2021 3:22

Tgt Ion:136 Resp: 363065

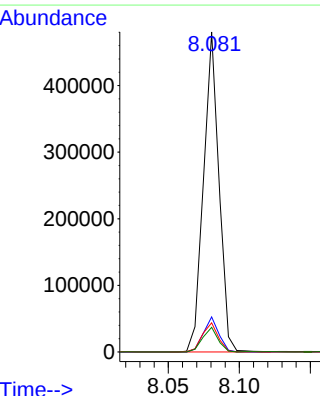
Ion Ratio Lower Upper

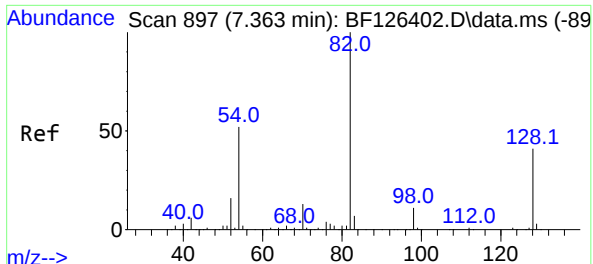
136 100

137 11.0 8.6 13.0

54 9.1 7.8 11.6

68 7.7 6.3 9.5





#23

Nitrobenzene-d5

Concen: 65.970 ng

RT: 7.357 min Scan# 89

Delta R.T. -0.006 min

Lab File: BF126442.D

Acq: 31 Dec 2021 3:22

Instrument :

BNA_F

ClientSampleId :

CONC-13A

Tgt Ion: 82 Resp: 46646

Ion Ratio Lower Upper

82 100

128 42.1 32.7 49.1

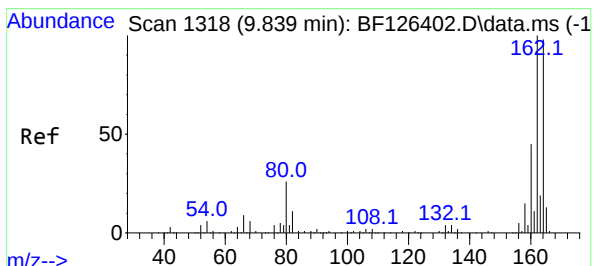
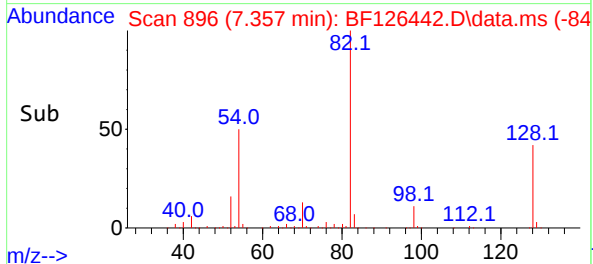
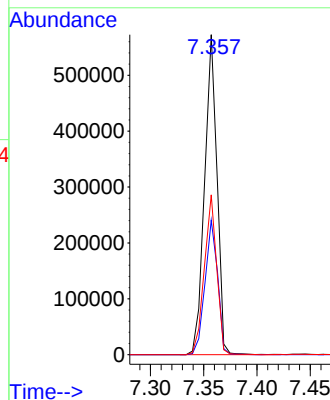
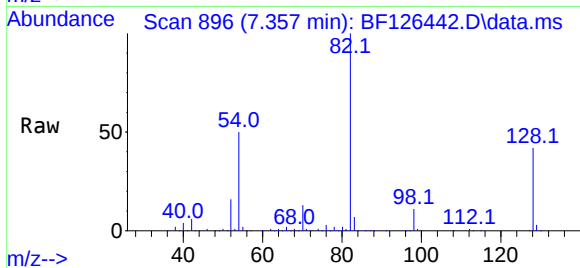
54 50.0 41.7 62.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/31/2021

Supervised By :mohammad ahmed 12/31/2021



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.833 min Scan# 1317

Delta R.T. -0.006 min

Lab File: BF126442.D

Acq: 31 Dec 2021 3:22

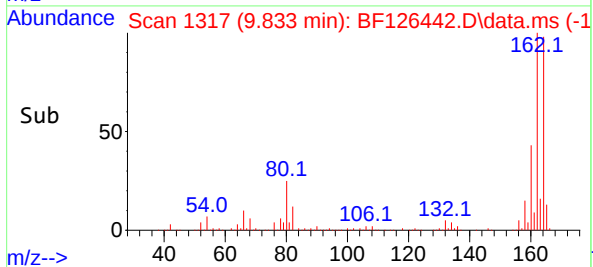
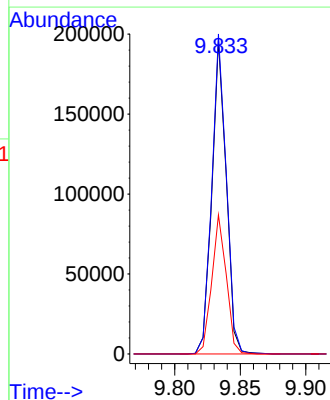
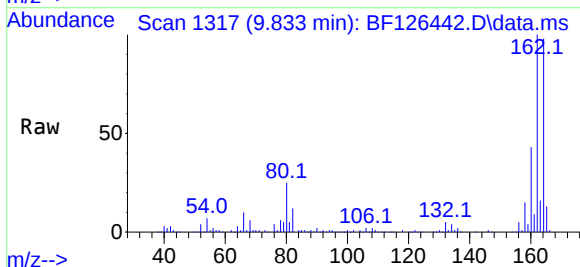
Tgt Ion:164 Resp: 149406

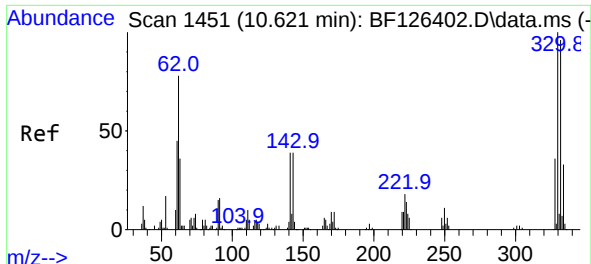
Ion Ratio Lower Upper

164 100

162 102.2 81.4 122.0

160 44.4 36.6 54.8





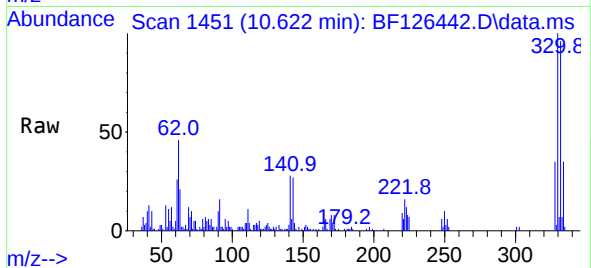
#42
2,4,6-Tribromophenol
Concen: 32.555 ng
RT: 10.622 min Scan# 1451
Delta R.T. 0.000 min
Lab File: BF126442.D
Acq: 31 Dec 2021 3:22

Instrument :

BNA_F

ClientSampleId :

CONC-13A

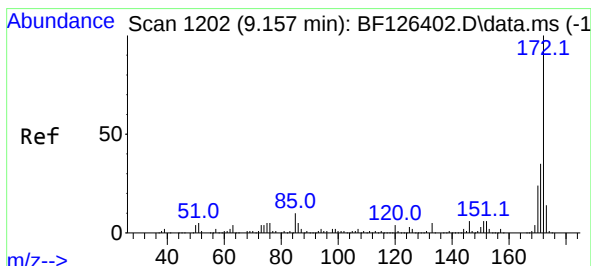
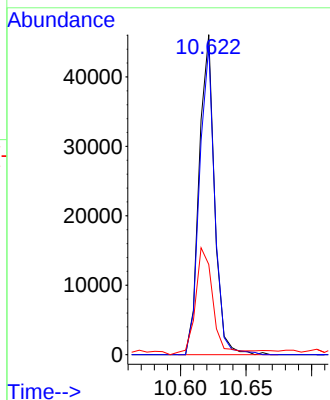
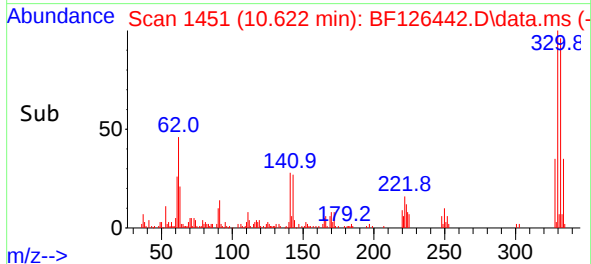


Tgt Ion:330 Resp: 37580
Ion Ratio Lower Upper
330 100
332 95.5 76.0 114.0
141 38.3 30.1 45.1

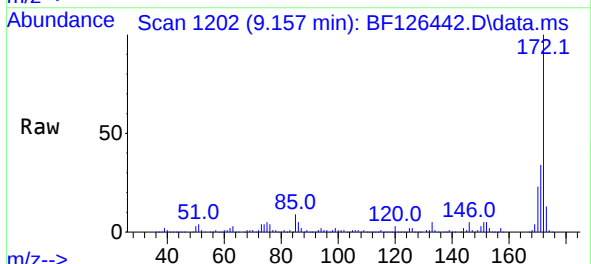
Manual Integrations

APPROVED

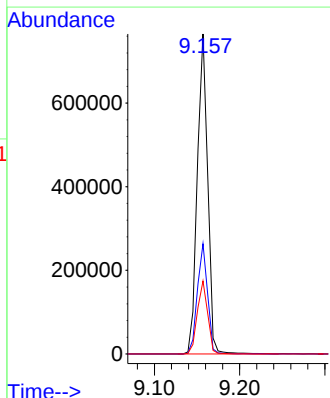
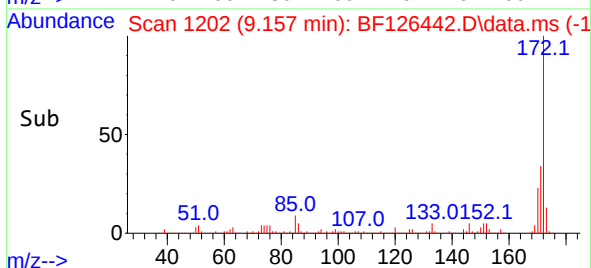
Reviewed By :Yogesh Patel 12/31/2021
Supervised By :mohammad ahmed 12/31/2021

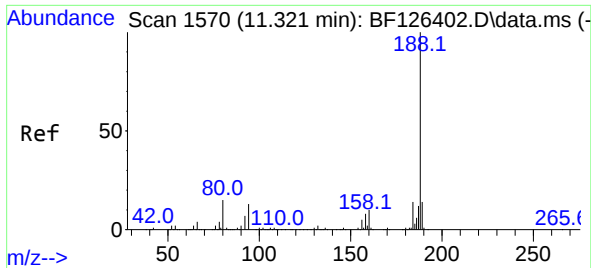


#45
2-Fluorobiphenyl
Concen: 76.439 ng
RT: 9.157 min Scan# 1202
Delta R.T. -0.000 min
Lab File: BF126442.D
Acq: 31 Dec 2021 3:22



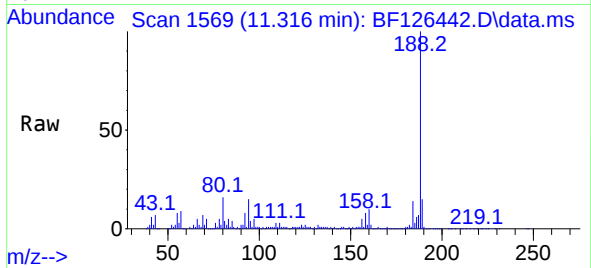
Tgt Ion:172 Resp: 648991
Ion Ratio Lower Upper
172 100
171 34.4 28.3 42.5
170 22.8 19.0 28.6





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.316 min Scan# 1569
Delta R.T. -0.006 min
Lab File: BF126442.D
Acq: 31 Dec 2021 3:22

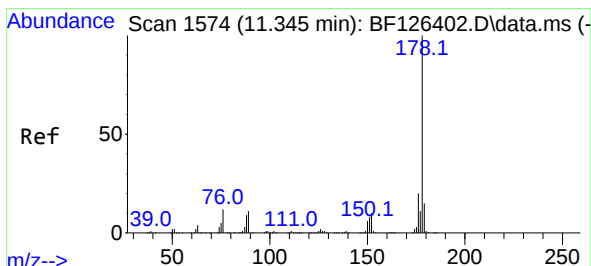
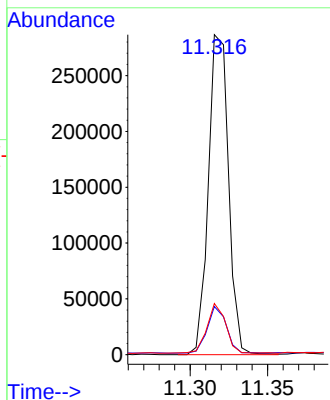
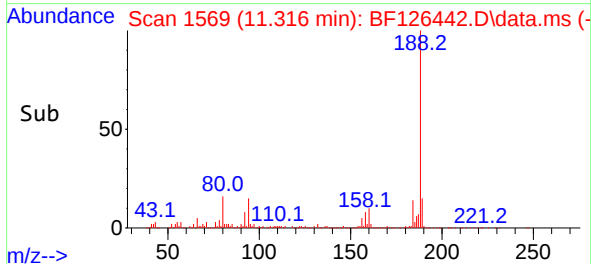
Instrument :
BNA_F
ClientSampleId :
CONC-13A



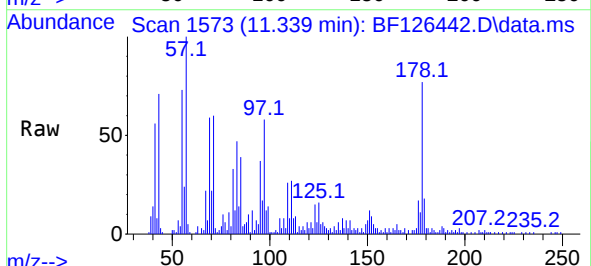
Tgt Ion:188 Resp: 25992
Ion Ratio Lower Upper
188 100
94 15.1 10.1 15.1
80 16.0 11.8 17.6

Manual Integrations
APPROVED

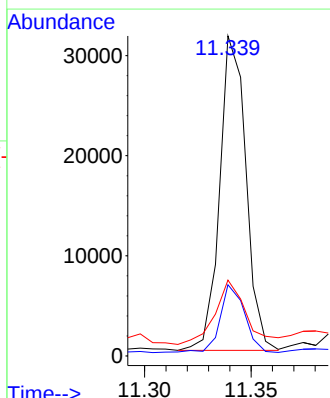
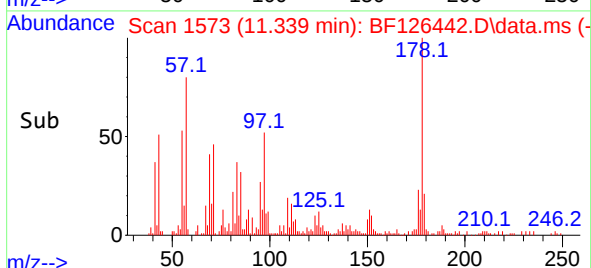
Reviewed By :Yogesh Patel 12/31/2021
Supervised By :mohammad ahmed 12/31/2021

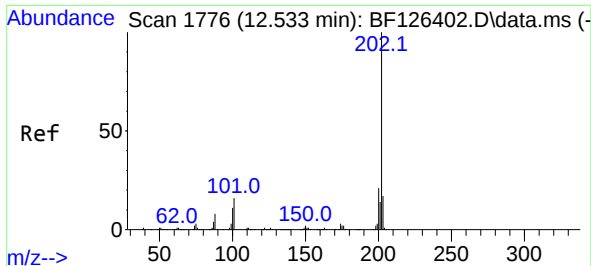


#71
Phenanthrene
Concen: 2.022 ng
RT: 11.339 min Scan# 1573
Delta R.T. -0.006 min
Lab File: BF126442.D
Acq: 31 Dec 2021 3:22



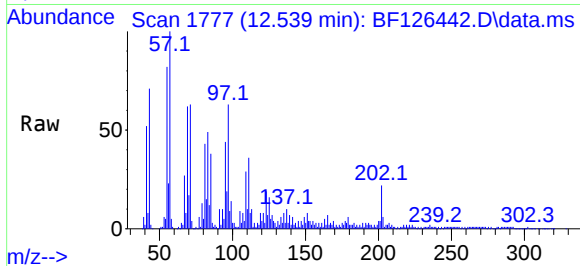
Tgt Ion:178 Resp: 26863
Ion Ratio Lower Upper
178 100
176 22.3 15.7 23.5
179 23.7 12.3 18.5





#75
Fluoranthene
Concen: 3.585 ng
RT: 12.539 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF126442.D
Acq: 31 Dec 2021 3:22

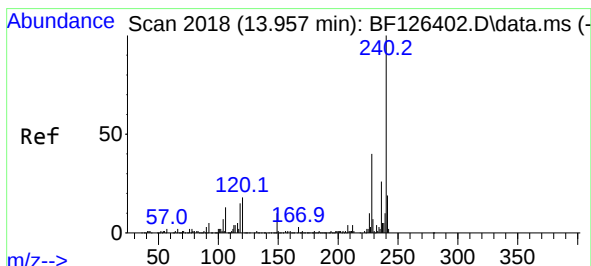
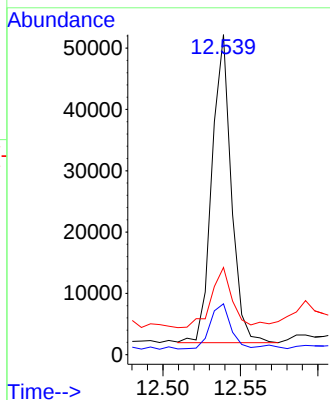
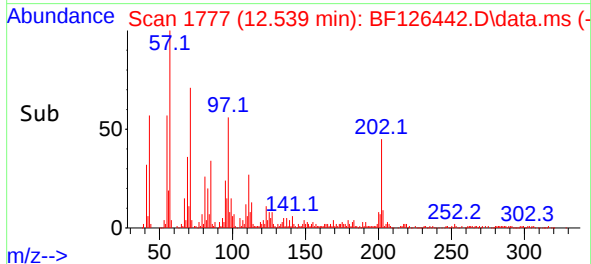
Instrument :
BNA_F
ClientSampleId :
CONC-13A



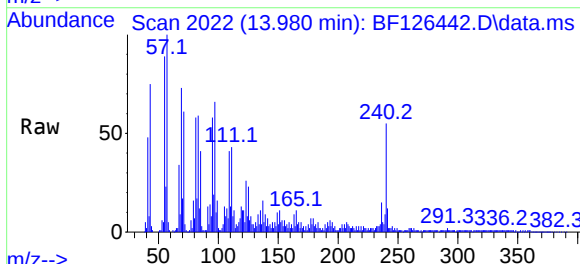
Tgt Ion:202 Resp: 43479
Ion Ratio Lower Upper
202 100
101 15.9 0.0 35.7
203 27.3 0.0 37.1

Manual Integrations
APPROVED

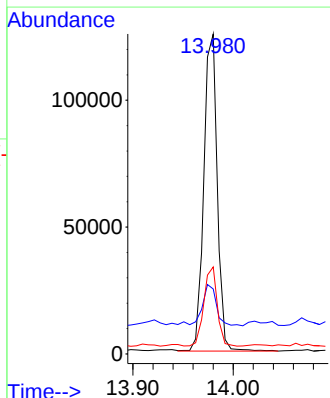
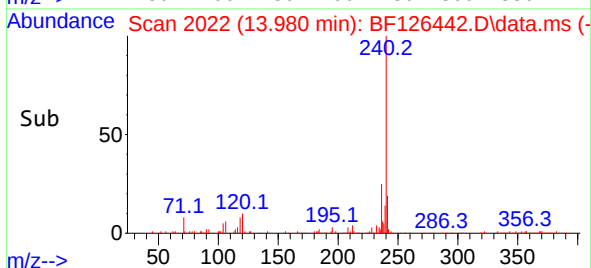
Reviewed By :Yogesh Patel 12/31/2021
Supervised By :mohammad ahmed 12/31/2021

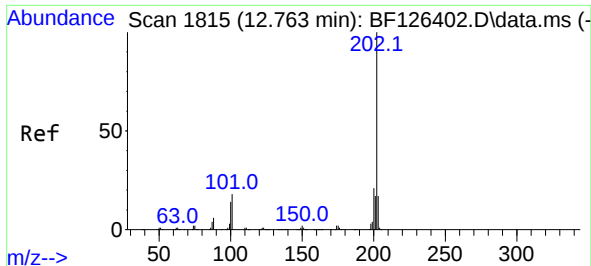


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.980 min Scan# 2022
Delta R.T. 0.024 min
Lab File: BF126442.D
Acq: 31 Dec 2021 3:22



Tgt Ion:240 Resp: 117263
Ion Ratio Lower Upper
240 100
120 20.3 14.4 21.6
236 27.2 20.5 30.7





#78
Pyrene
Concen: 3.787 ng
RT: 12.768 min Scan# 1815
Delta R.T. 0.006 min
Lab File: BF126442.D
Acq: 31 Dec 2021 3:22

Instrument :

BNA_F

ClientSampleId :

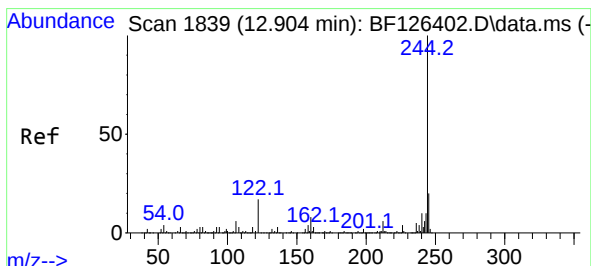
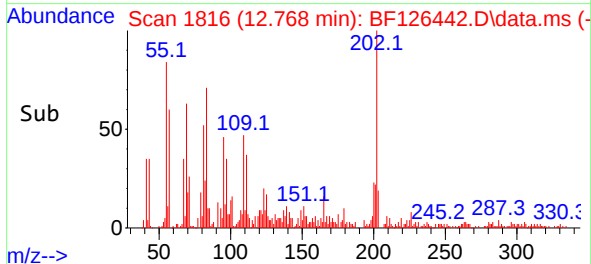
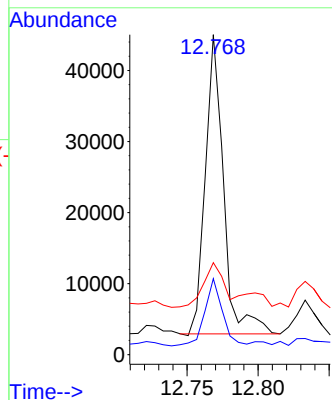
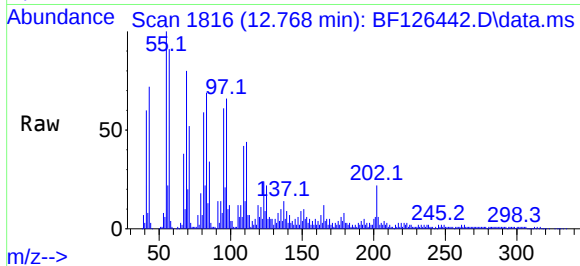
CONC-13A

Tgt Ion:202 Resp: 3753
Ion Ratio Lower Upper
202 100
200 23.8 16.6 24.8
203 28.8 13.8 20.8

Manual Integrations

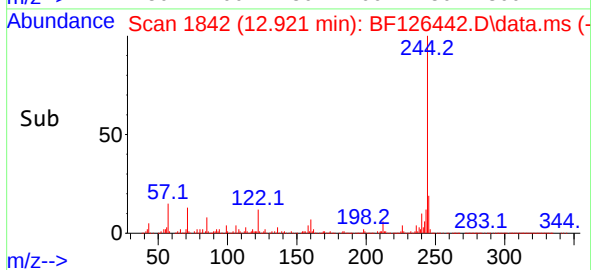
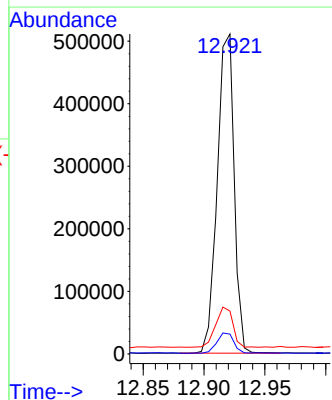
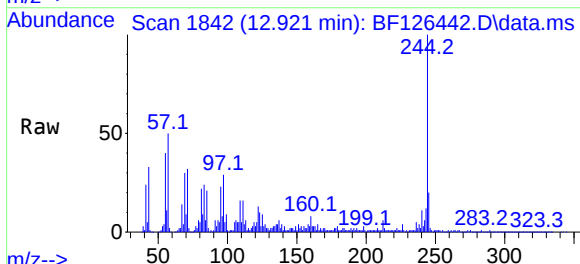
APPROVED

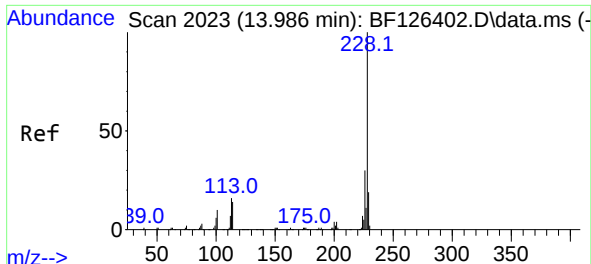
Reviewed By :Yogesh Patel 12/31/2021
Supervised By :mohammad ahmed 12/31/2021



#79
Terphenyl-d14
Concen: 82.092 ng
RT: 12.921 min Scan# 1842
Delta R.T. 0.018 min
Lab File: BF126442.D
Acq: 31 Dec 2021 3:22

Tgt Ion:244 Resp: 495455
Ion Ratio Lower Upper
244 100
212 6.2 5.0 7.4
122 13.4 13.3 19.9





#83
Chrysene
Concen: 2.700 ng
RT: 14.004 min Scan# 2019
Delta R.T. 0.018 min
Lab File: BF126442.D
Acq: 31 Dec 2021 3:22

Instrument :

BNA_F

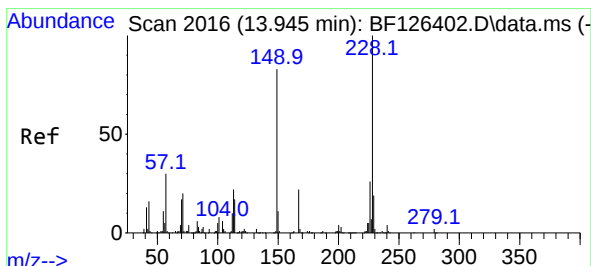
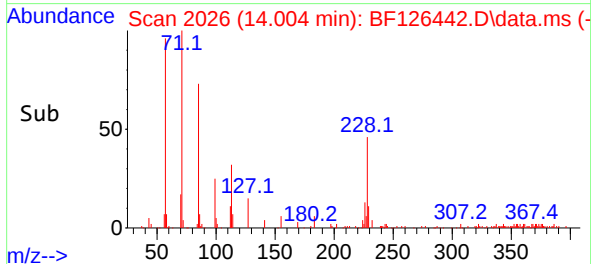
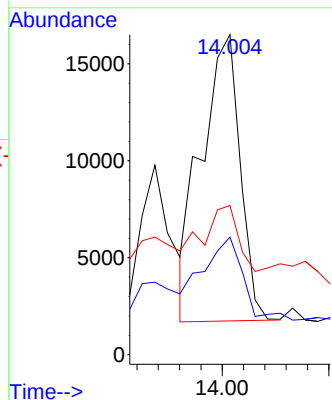
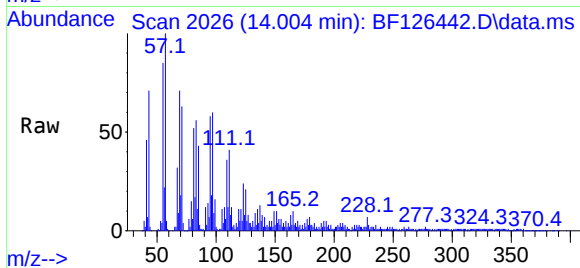
ClientSampleId :

CONC-13A

Tgt Ion:228 Resp: 1867
Ion Ratio Lower Upper
228 100
226 36.8 23.7 35.5
229 46.6 15.5 23.3

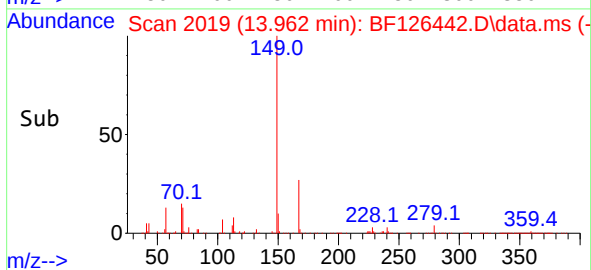
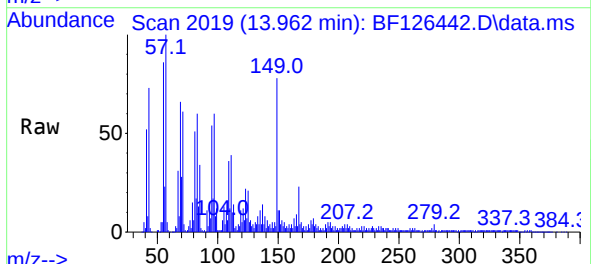
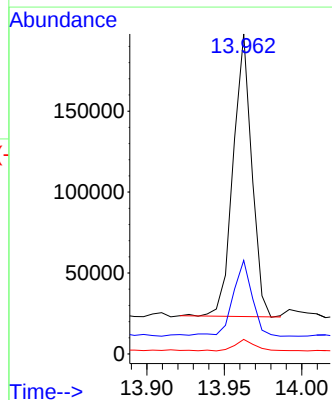
Manual Integrations
APPROVED

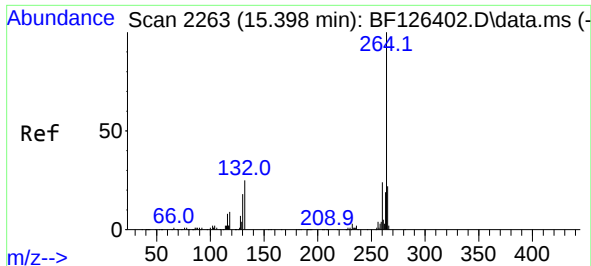
Reviewed By :Yogesh Patel 12/31/2021
Supervised By :mohammad ahmed 12/31/2021



#84
Bis(2-ethylhexyl)phthalate
Concen: 32.000 ng
RT: 13.962 min Scan# 2019
Delta R.T. 0.018 min
Lab File: BF126442.D
Acq: 31 Dec 2021 3:22

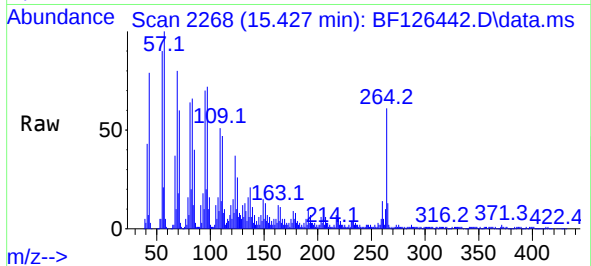
Tgt Ion:149 Resp: 145626
Ion Ratio Lower Upper
149 100
167 29.3 21.4 32.2
279 4.5 2.4 3.6





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.427 min Scan# 2197
Delta R.T. 0.029 min
Lab File: BF126442.D
Acq: 31 Dec 2021 3:22

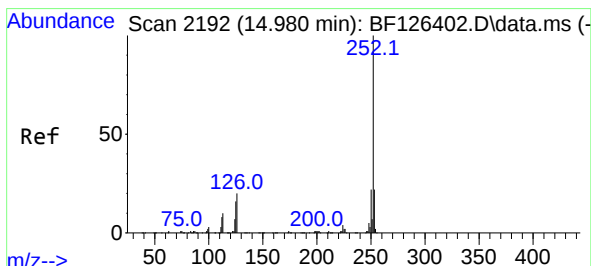
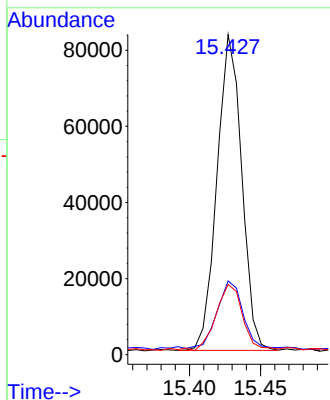
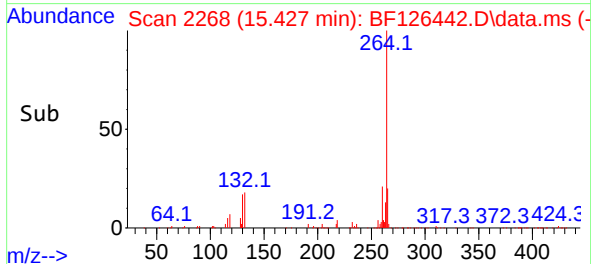
Instrument :
BNA_F
ClientSampleId :
CONC-13A



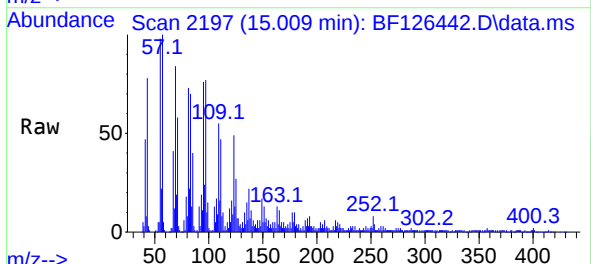
Tgt Ion:264 Resp: 100264
Ion Ratio Lower Upper
264 100
260 23.0 19.2 28.8
265 21.9 17.4 26.2

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 12/31/2021
Supervised By :mohammad ahmed 12/31/2021



#88
Benzo(b)fluoranthene
Concen: 3.211 ng m
RT: 15.009 min Scan# 2197
Delta R.T. 0.029 min
Lab File: BF126442.D
Acq: 31 Dec 2021 3:22



Tgt Ion:252 Resp: 19179
Ion Ratio Lower Upper
252 100
253 44.4 17.8 26.8#
125 325.3 12.4 18.6#

