

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF123021\
 Data File : BF126437.D
 Acq On : 31 Dec 2021 00:43
 Operator : JU/CG
 Sample : M5244-41
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CONC-14A

Manual Integrations
 APPROVED

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

Quant Time: Dec 31 05:38:18 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	104038	20.000	ng	0.00
21) Naphthalene-d8	8.081	136	390095	20.000	ng	0.00
39) Acenaphthene-d10	9.833	164	177829	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	315656	20.000	ng	0.00
76) Chrysene-d12	13.957	240	226634	20.000	ng	0.00
86) Perylene-d12	15.398	264	176991	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.410	112	508716	70.219	ng	0.00
7) Phenol-d6	6.428	99	629328	67.068	ng	0.00
23) Nitrobenzene-d5	7.357	82	398751	52.485	ng	0.00
42) 2,4,6-Tribromophenol	10.622	330	122825	89.382	ng	0.00
45) 2-Fluorobiphenyl	9.157	172	563700	55.782	ng	0.00
79) Terphenyl-d14	12.910	244	580433	49.761	ng	0.00
Target Compounds						Qvalue
22) Acetophenone	7.204	105	40436	4.484	ng	# 89
32) Benzoic acid	7.792	122	6870m	8.608	ng	
70) Pentachlorophenol	11.127	266	3473	2.193	ng	93
71) Phenanthrene	11.339	178	40706	2.522	ng	97
74) Di-n-butylphthalate	11.886	149	100962	5.608	ng	100
75) Fluoranthene	12.533	202	59786	4.059	ng	96
78) Pyrene	12.757	202	55423	2.894	ng	97
84) Bis(2-ethylhexyl)phtha...	13.945	149	247656	28.158	ng	100

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

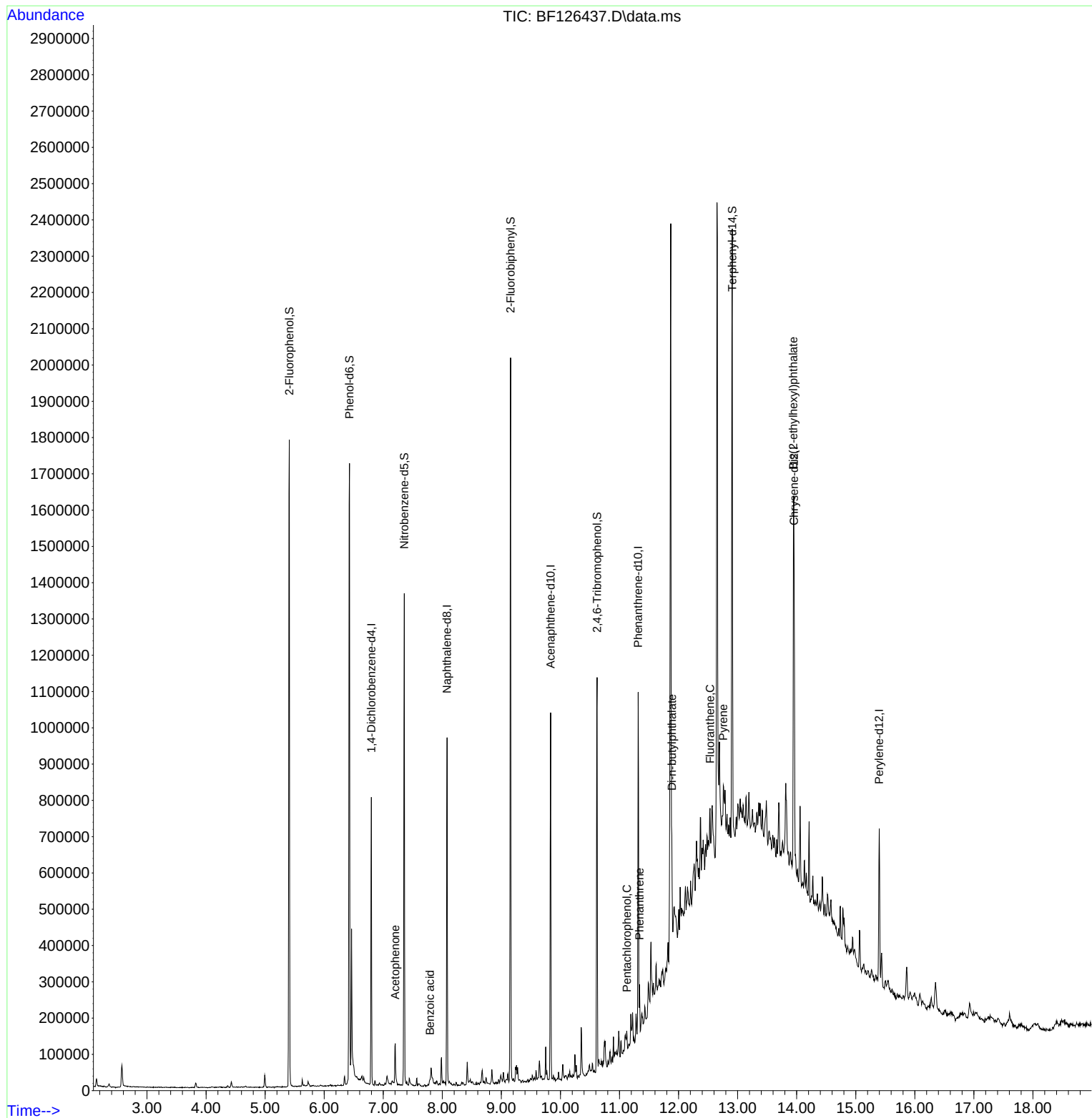
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF123021\
Data File : BF126437.D
Acq On : 31 Dec 2021 00:43
Operator : JU/CG
Sample : M5244-41
Misc :
ALS Vial : 16 Sample Multiplier: 1

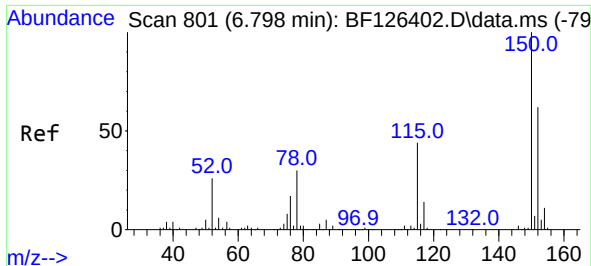
Instrument :
BNA_F
ClientSampleId :
CONC-14A

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122921.M
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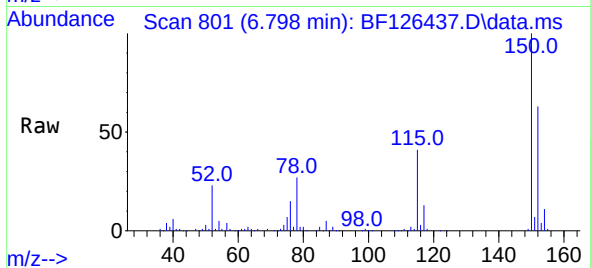
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.798 min Scan# 801
Delta R.T. 0.000 min
Lab File: BF126437.D
Acq: 31 Dec 2021 00:43

Instrument :

BNA_F

ClientSampleId :

CONC-14A

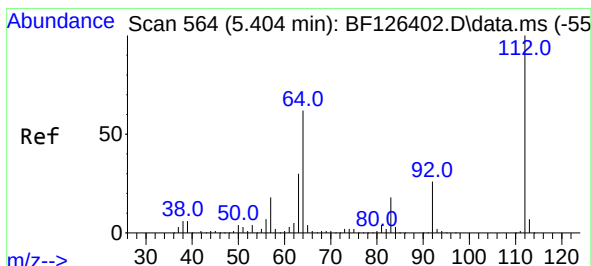
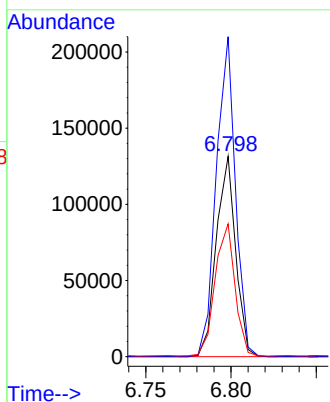
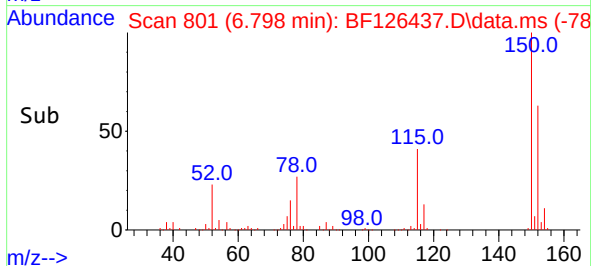


Tgt Ion:152 Resp: 104038
Ion Ratio Lower Upper
152 100
150 159.7 128.1 192.1
115 66.3 56.7 85.1

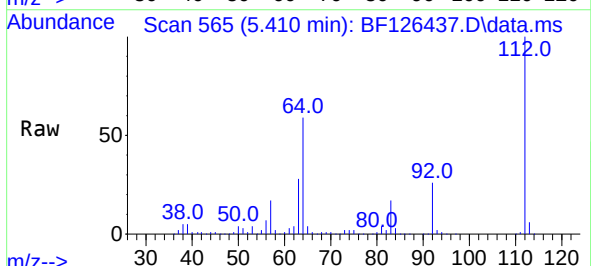
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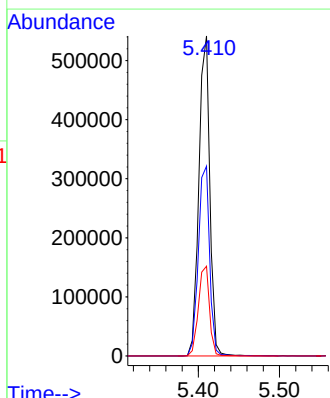
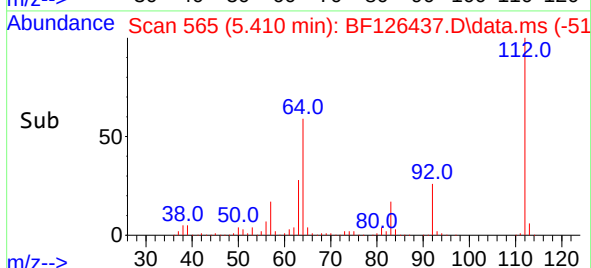
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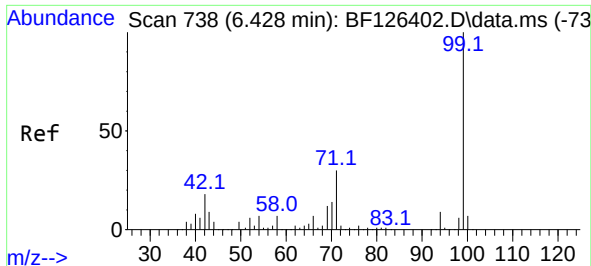


#5
2-Fluorophenol
Concen: 70.219 ng
RT: 5.410 min Scan# 565
Delta R.T. 0.006 min
Lab File: BF126437.D
Acq: 31 Dec 2021 00:43



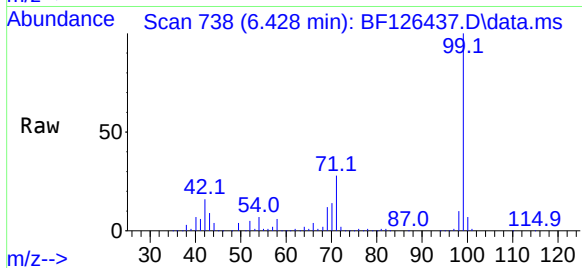
Tgt Ion:112 Resp: 508716
Ion Ratio Lower Upper
112 100
64 59.3 49.5 74.3
63 28.1 23.9 35.9





#7
Phenol-d6
Concen: 67.068 ng
RT: 6.428 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF126437.D
Acq: 31 Dec 2021 00:43

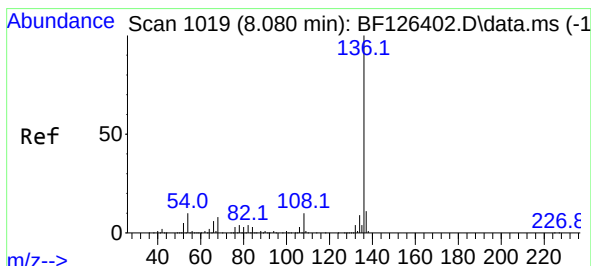
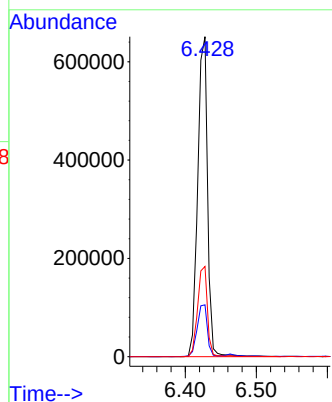
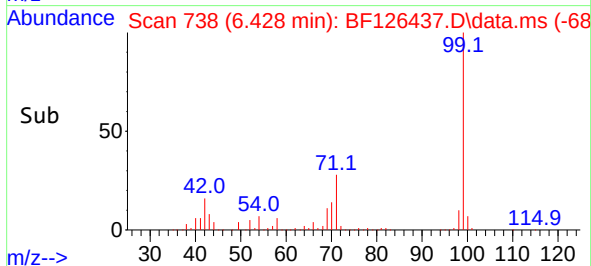
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ClientSampleId :
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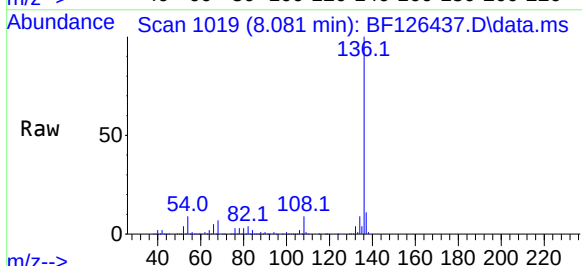
Tgt Ion: 99 Resp: 629328
Ion Ratio Lower Upper
99 100
42 16.2 14.2 21.4
71 28.2 24.3 36.5

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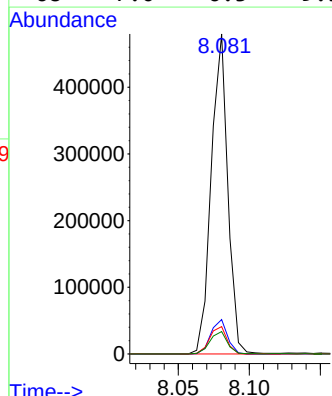
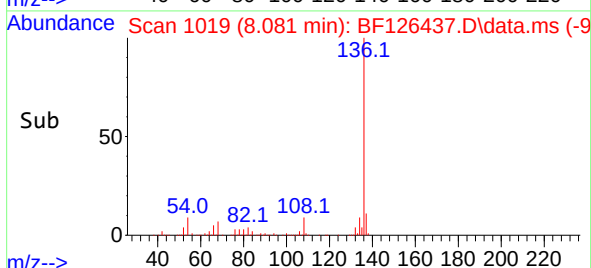
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Supervised By :mohammad ahmed 12/31/2021

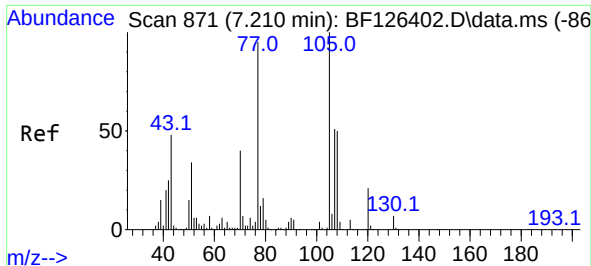


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.081 min Scan# 1019
Delta R.T. 0.000 min
Lab File: BF126437.D
Acq: 31 Dec 2021 00:43



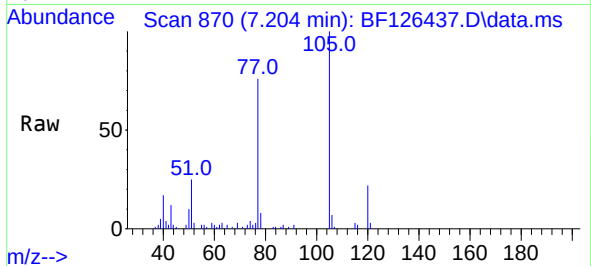
Tgt Ion:136 Resp: 390095
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 8.6 7.8 11.6
68 7.0 6.3 9.5





#22
Acetophenone
Concen: 4.484 ng
RT: 7.204 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF126437.D
Acq: 31 Dec 2021 00:43

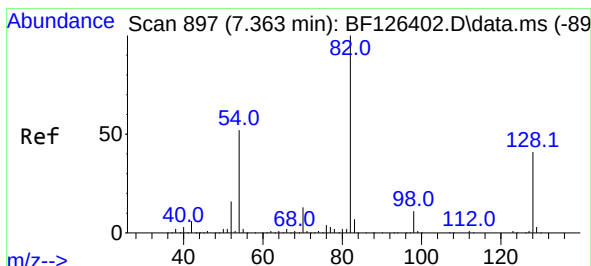
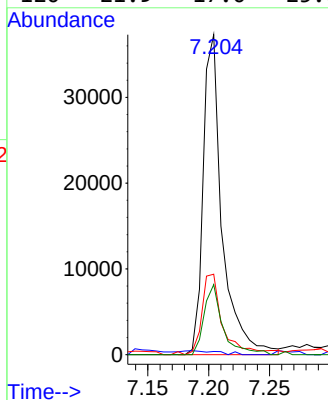
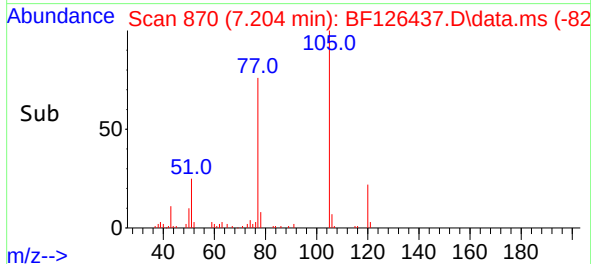
Instrument :
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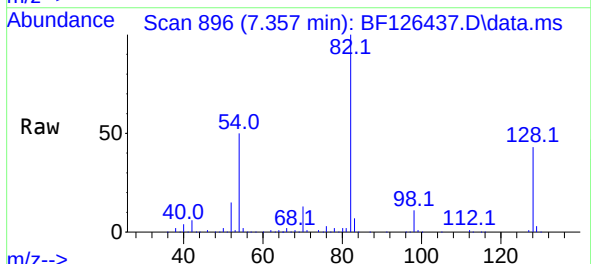
Tgt Ion:105 Resp: 40430
Ion Ratio Lower Upper
105 100
71 1.0 5.4 8.0
51 25.2 27.4 41.0
120 21.9 17.0 25.6

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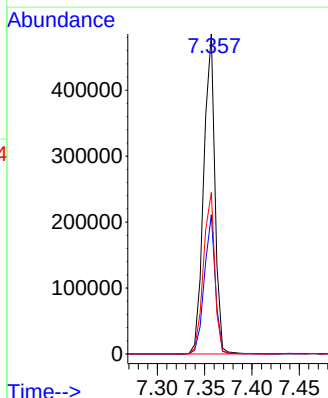
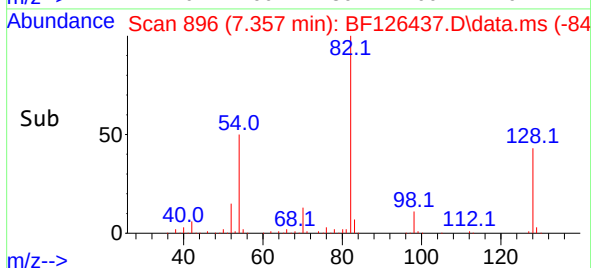
Reviewed By :Yogesh Patel 12/31/2021
Supervised By :mohammad ahmed 12/31/2021

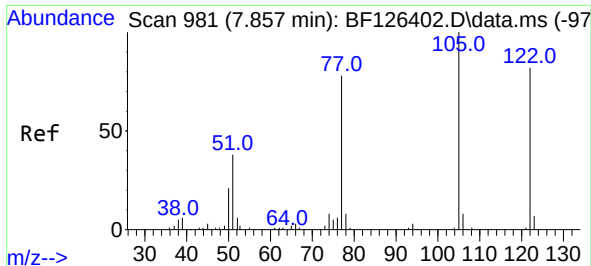


#23
Nitrobenzene-d5
Concen: 52.485 ng
RT: 7.357 min Scan# 896
Delta R.T. -0.006 min
Lab File: BF126437.D
Acq: 31 Dec 2021 00:43



Tgt Ion: 82 Resp: 398751
Ion Ratio Lower Upper
82 100
128 43.5 32.7 49.1
54 50.5 41.7 62.5





#32
Benzoic acid
Concen: 8.608 ng m
RT: 7.792 min Scan# 91
Delta R.T. -0.065 min
Lab File: BF126437.D
Acq: 31 Dec 2021 00:43

Instrument :

BNA_F

ClientSampleId :

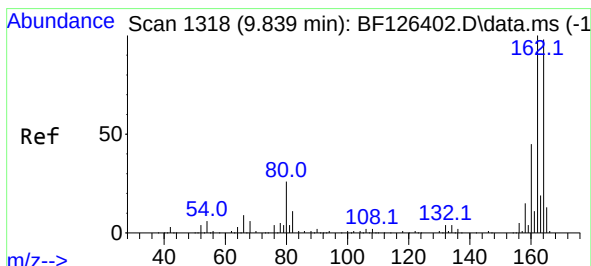
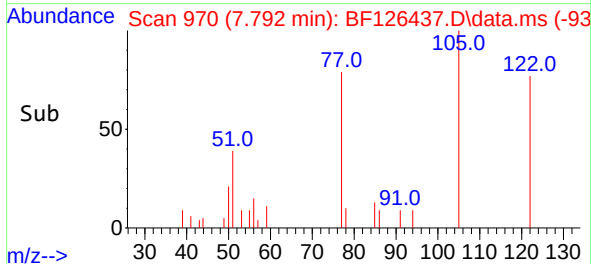
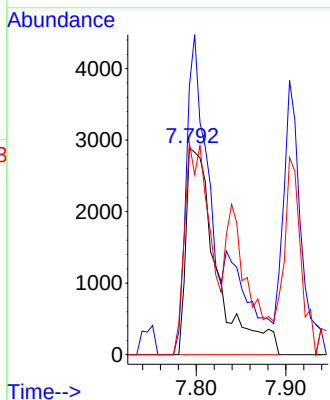
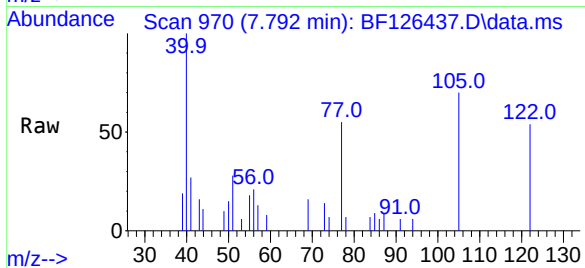
CONC-14A

Tgt Ion:122 Resp: 6870
Ion Ratio Lower Upper
122 100
105 129.9 101.0 141.0
77 102.2 74.5 114.5

Manual Integrations

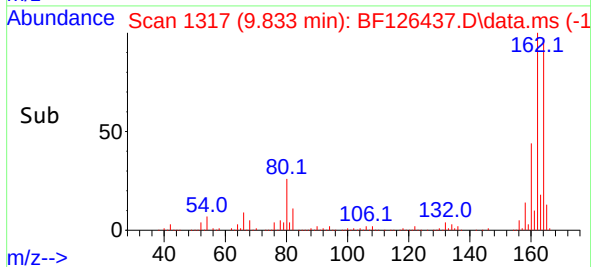
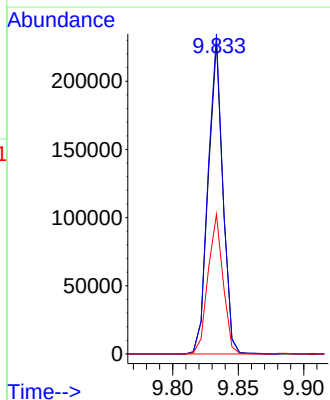
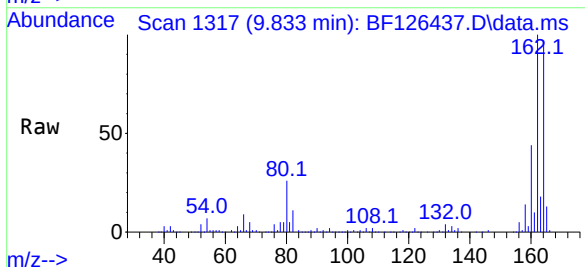
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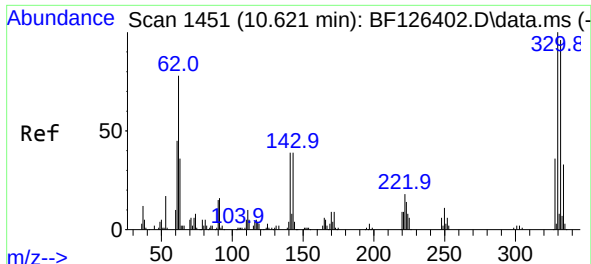
Reviewed By :Yogesh Patel 12/31/2021
Supervised By :mohammad ahmed 12/31/2021



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.833 min Scan# 1317
Delta R.T. -0.006 min
Lab File: BF126437.D
Acq: 31 Dec 2021 00:43

Tgt Ion:164 Resp: 177829
Ion Ratio Lower Upper
164 100
162 102.7 81.4 122.0
160 44.9 36.6 54.8





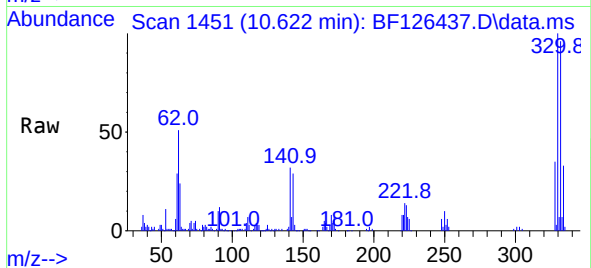
#42
2,4,6-Tribromophenol
Concen: 89.382 ng
RT: 10.622 min Scan# 1451
Delta R.T. 0.000 min
Lab File: BF126437.D
Acq: 31 Dec 2021 00:43

Instrument :

BNA_F

ClientSampleId :

CONC-14A



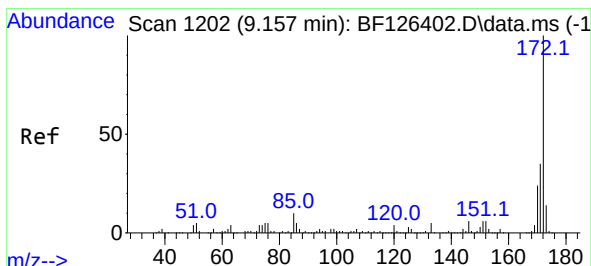
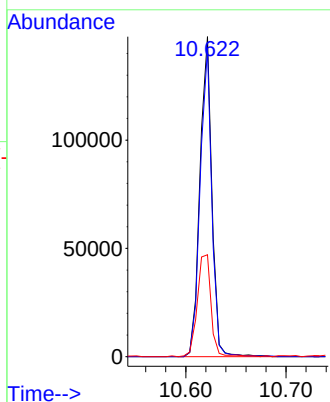
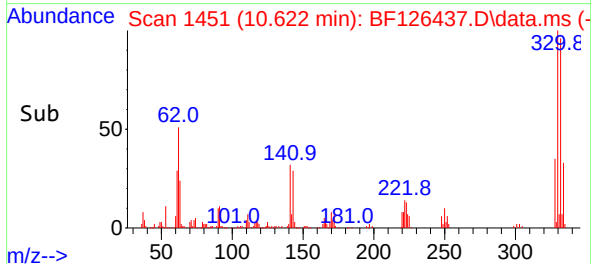
Tgt Ion:330 Resp: 122825
Ion Ratio Lower Upper
330 100
332 94.2 76.0 114.0
141 36.9 30.1 45.1

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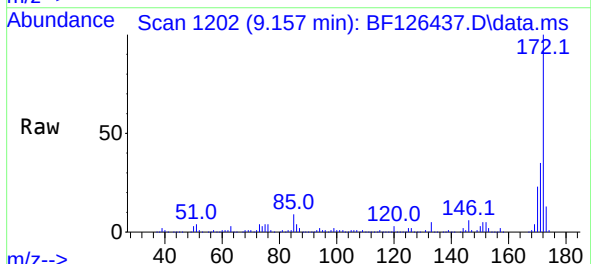
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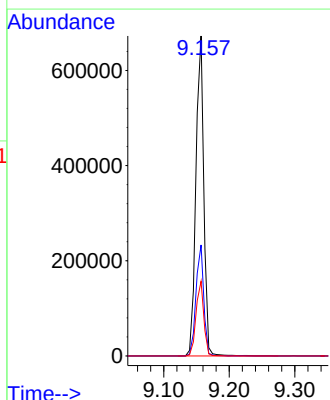
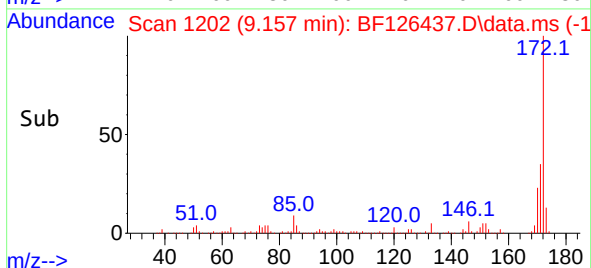
Supervised By :mohammad ahmed 12/31/2021

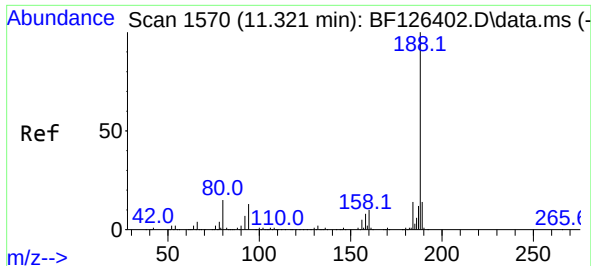


#45
2-Fluorobiphenyl
Concen: 55.782 ng
RT: 9.157 min Scan# 1202
Delta R.T. -0.000 min
Lab File: BF126437.D
Acq: 31 Dec 2021 00:43



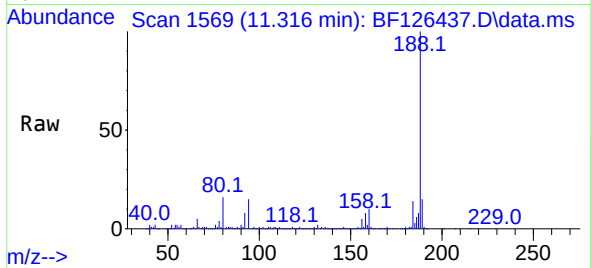
Tgt Ion:172 Resp: 563700
Ion Ratio Lower Upper
172 100
171 34.7 28.3 42.5
170 23.3 19.0 28.6





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.316 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF126437.D
Acq: 31 Dec 2021 00:43

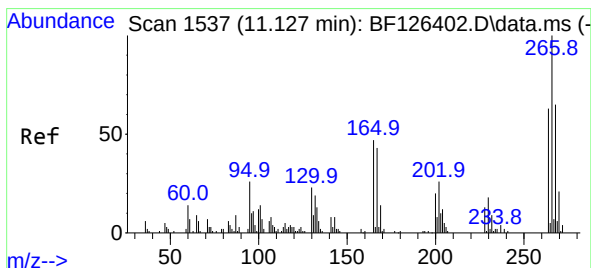
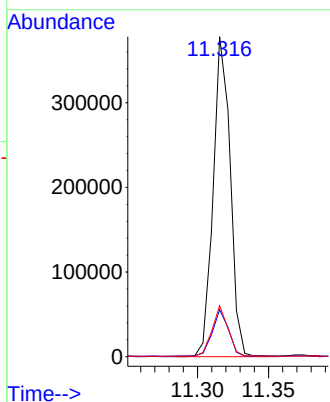
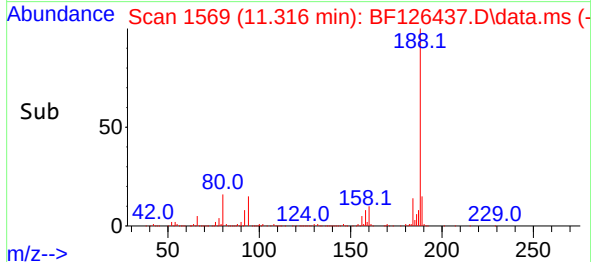
Instrument :
BNA_F
ClientSampleId :
CONC-14A



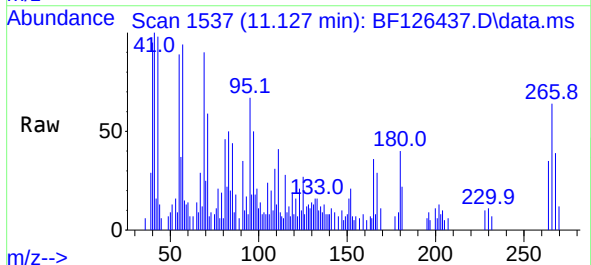
Tgt Ion:188 Resp: 315650
Ion Ratio Lower Upper
188 100
94 14.7 10.1 15.1
80 16.0 11.8 17.6

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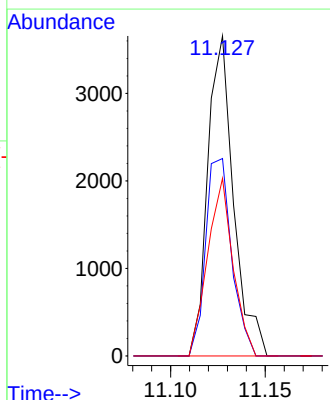
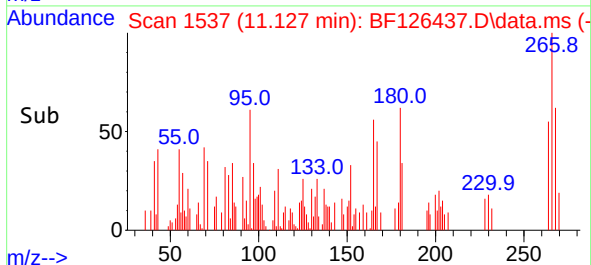
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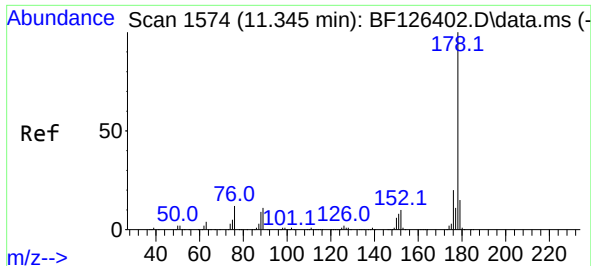


#70
Pentachlorophenol
Concen: 2.193 ng
RT: 11.127 min Scan# 1537
Delta R.T. 0.000 min
Lab File: BF126437.D
Acq: 31 Dec 2021 00:43



Tgt Ion:266 Resp: 3473
Ion Ratio Lower Upper
266 100
268 61.7 52.3 78.5
264 55.5 50.4 75.6





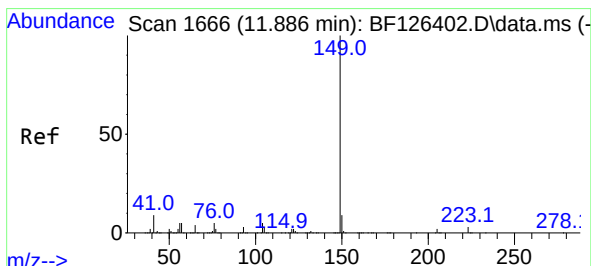
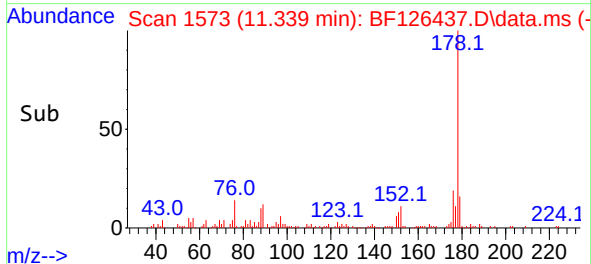
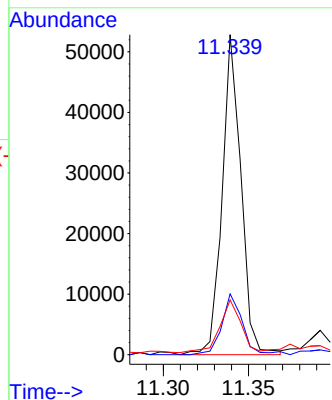
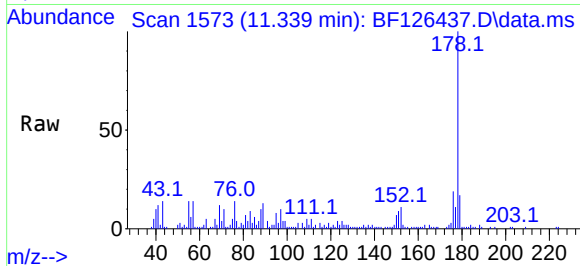
#71
Phenanthrene
Concen: 2.522 ng
RT: 11.339 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF126437.D
Acq: 31 Dec 2021 00:43

Instrument :
BNA_F
ClientSampleId :
CONC-14A

Tgt Ion:178 Resp: 40700
Ion Ratio Lower Upper
178 100
176 19.0 15.7 23.5
179 17.1 12.3 18.5

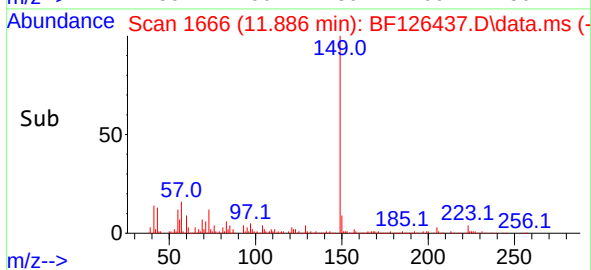
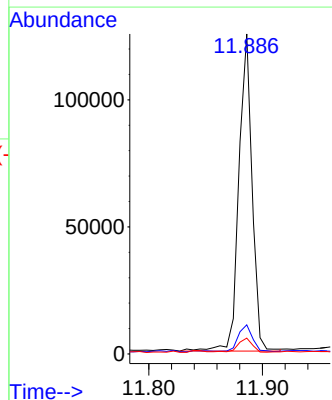
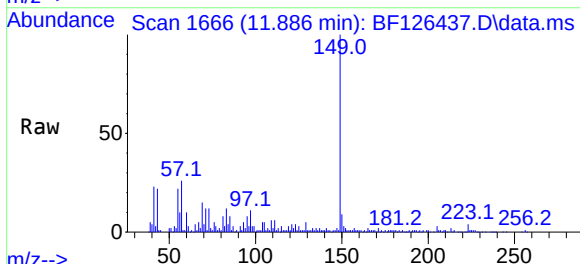
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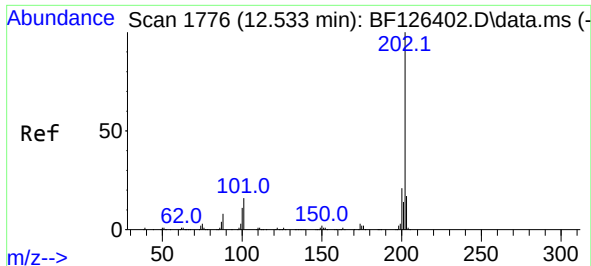
Reviewed By :Yogesh Patel 12/31/2021
Supervised By :mohammad ahmed 12/31/2021



#74
Di-n-butylphthalate
Concen: 5.608 ng
RT: 11.886 min Scan# 1666
Delta R.T. 0.000 min
Lab File: BF126437.D
Acq: 31 Dec 2021 00:43

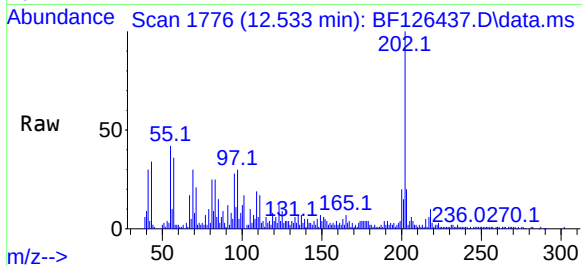
Tgt Ion:149 Resp: 100962
Ion Ratio Lower Upper
149 100
150 9.1 7.2 10.8
104 5.0 4.2 6.2





#75
Fluoranthene
Concen: 4.059 ng
RT: 12.533 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF126437.D
Acq: 31 Dec 2021 00:43

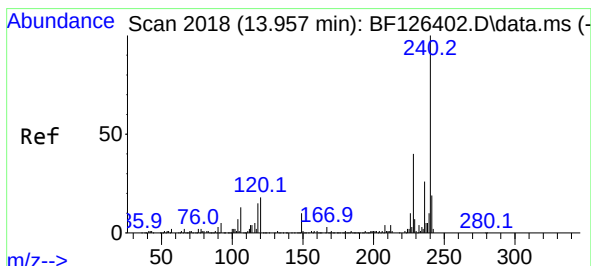
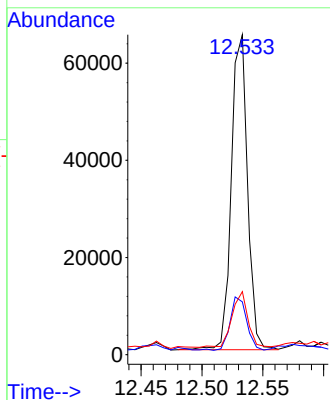
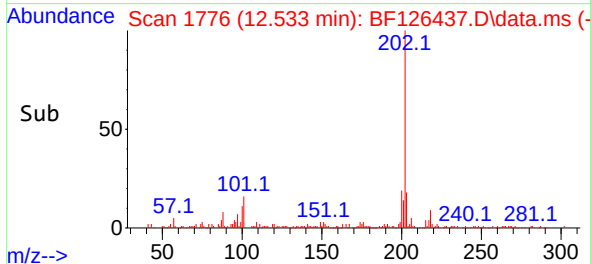
Instrument :
BNA_F
ClientSampleId :
CONC-14A



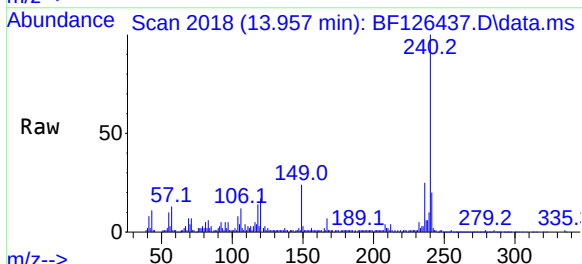
Tgt Ion:202 Resp: 59780
Ion Ratio Lower Upper
202 100
101 16.5 0.0 35.7
203 19.7 0.0 37.1

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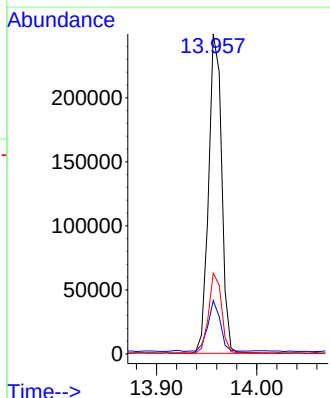
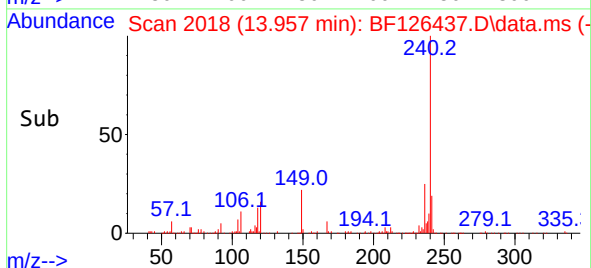
Reviewed By :Yogesh Patel 12/31/2021
Supervised By :mohammad ahmed 12/31/2021

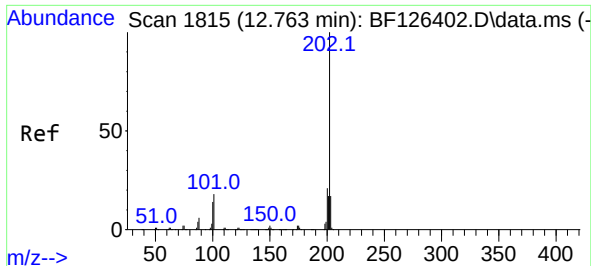


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.957 min Scan# 2018
Delta R.T. 0.000 min
Lab File: BF126437.D
Acq: 31 Dec 2021 00:43



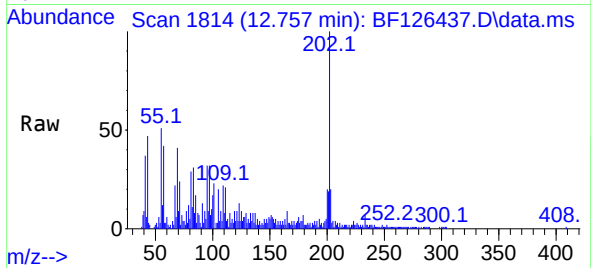
Tgt Ion:240 Resp: 226634
Ion Ratio Lower Upper
240 100
120 16.7 14.4 21.6
236 25.2 20.5 30.7





#78
Pyrene
Concen: 2.894 ng
RT: 12.757 min Scan# 1814
Delta R.T. -0.006 min
Lab File: BF126437.D
Acq: 31 Dec 2021 00:43

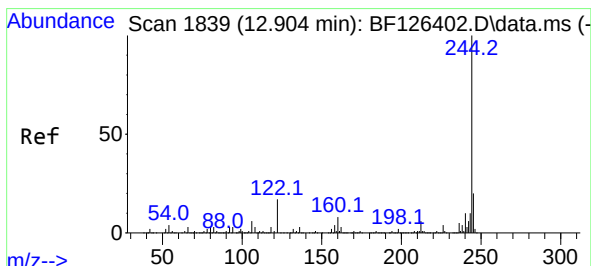
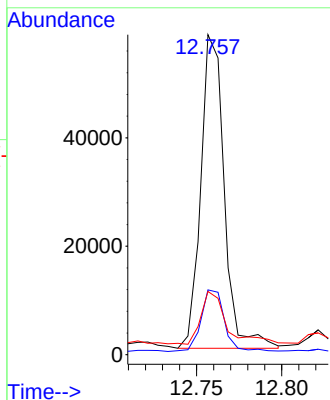
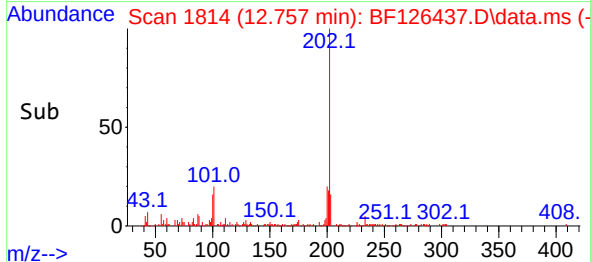
Instrument :
BNA_F
ClientSampleId :
CONC-14A



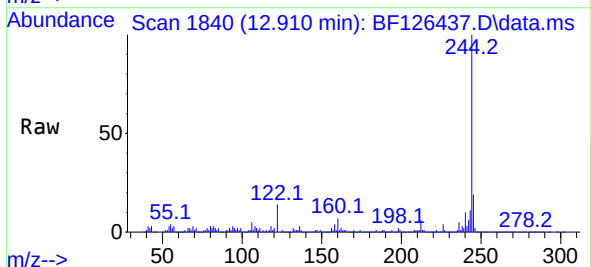
Tgt Ion:202 Resp: 5542
Ion Ratio Lower Upper
202 100
200 20.2 16.6 24.8
203 19.8 13.8 20.8

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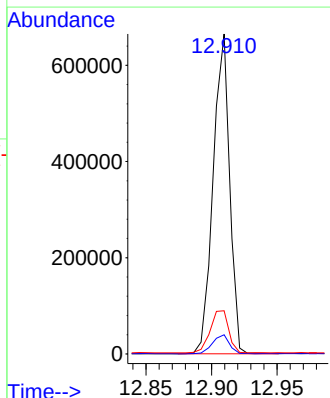
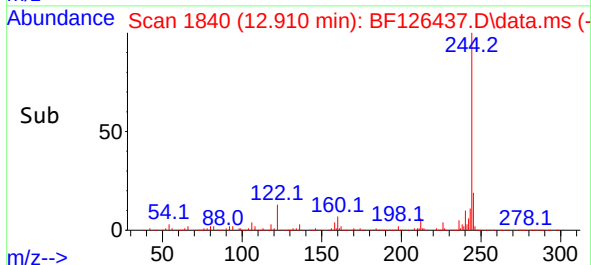
Reviewed By :Yogesh Patel 12/31/2021
Supervised By :mohammad ahmed 12/31/2021

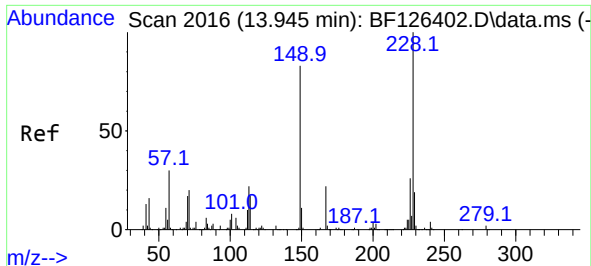


#79
Terphenyl-d14
Concen: 49.761 ng
RT: 12.910 min Scan# 1840
Delta R.T. 0.006 min
Lab File: BF126437.D
Acq: 31 Dec 2021 00:43



Tgt Ion:244 Resp: 580433
Ion Ratio Lower Upper
244 100
212 6.0 5.0 7.4
122 13.5 13.3 19.9





#84
Bis(2-ethylhexyl)phthalate
Concen: 28.158 ng
RT: 13.945 min Scan# 2016
Delta R.T. 0.000 min
Lab File: BF126437.D
Acq: 31 Dec 2021 00:43

Instrument :

BNA_F

ClientSampleId :

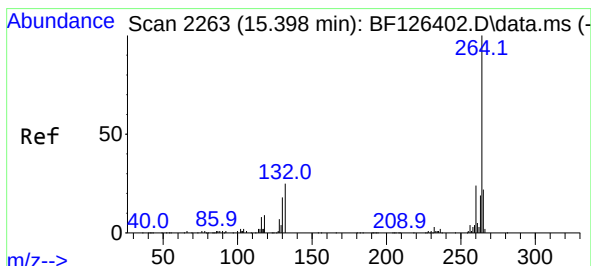
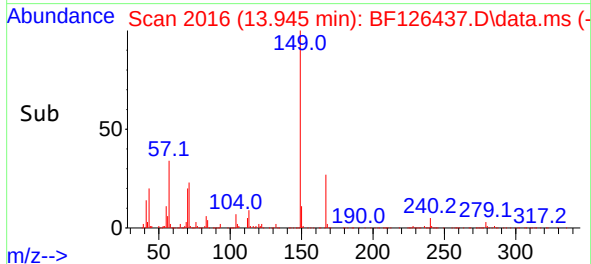
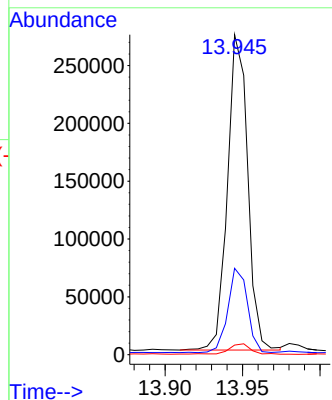
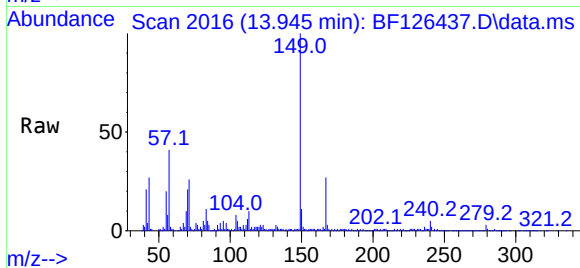
CONC-14A

Tgt Ion:149 Resp: 247650
Ion Ratio Lower Upper
149 100
167 27.0 21.4 32.2
279 3.0 2.4 3.6

Manual Integrations

APPROVED

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



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.398 min Scan# 2263
Delta R.T. 0.000 min
Lab File: BF126437.D
Acq: 31 Dec 2021 00:43

Tgt Ion:264 Resp: 176991
Ion Ratio Lower Upper
264 100
260 24.7 19.2 28.8
265 22.3 17.4 26.2

