

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122321\
 Data File : BF126347.D
 Acq On : 23 Dec 2021 16:40
 Operator : JU/CG
 Sample : M5181-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DB-4-(7.5-8)-12-8-21

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 12/27/2021
 Supervised By :mohammad ahmed 12/31/2021

Quant Time: Dec 27 06:50:30 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121521.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 22 13:00:11 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.816	152	83329	20.000	ng	0.00
21) Naphthalene-d8	8.110	136	190923	20.000	ng	# 0.00
39) Acenaphthene-d10	9.874	164	84889	20.000	ng	0.02
64) Phenanthrene-d10	11.363	188	132132	20.000	ng	# 0.02
76) Chrysene-d12	14.004	240	134255	20.000	ng	# 0.02
86) Perylene-d12	15.456	264	133494	20.000	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	858191	151.666	ng	0.00
7) Phenol-d6	6.445	99	999234	139.076	ng	0.00
23) Nitrobenzene-d5	7.380	82	600216	170.263	ng	0.00
42) 2,4,6-Tribromophenol	10.657	330	110113	161.407	ng	0.01
45) 2-Fluorobiphenyl	9.192	172	449673	92.906	ng	0.01
79) Terphenyl-d14	12.951	244	450227	58.288	ng	0.02
Target Compounds						
						Qvalue
10) Phenol	6.451	94	25001	3.100	ng	91
27) 2,4-Dimethylphenol	7.775	122	49828	18.495	ng	# 1
74) Di-n-butylphthalate	11.921	149	31302	3.830	ng	# 39
78) Pyrene	12.810	202	44804	3.632	ng	# 74
83) Chrysene	14.009	228	28827m	3.489	ng	
84) Bis(2-ethylhexyl)phtha...	13.980	149	53917	8.313	ng	# 88

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

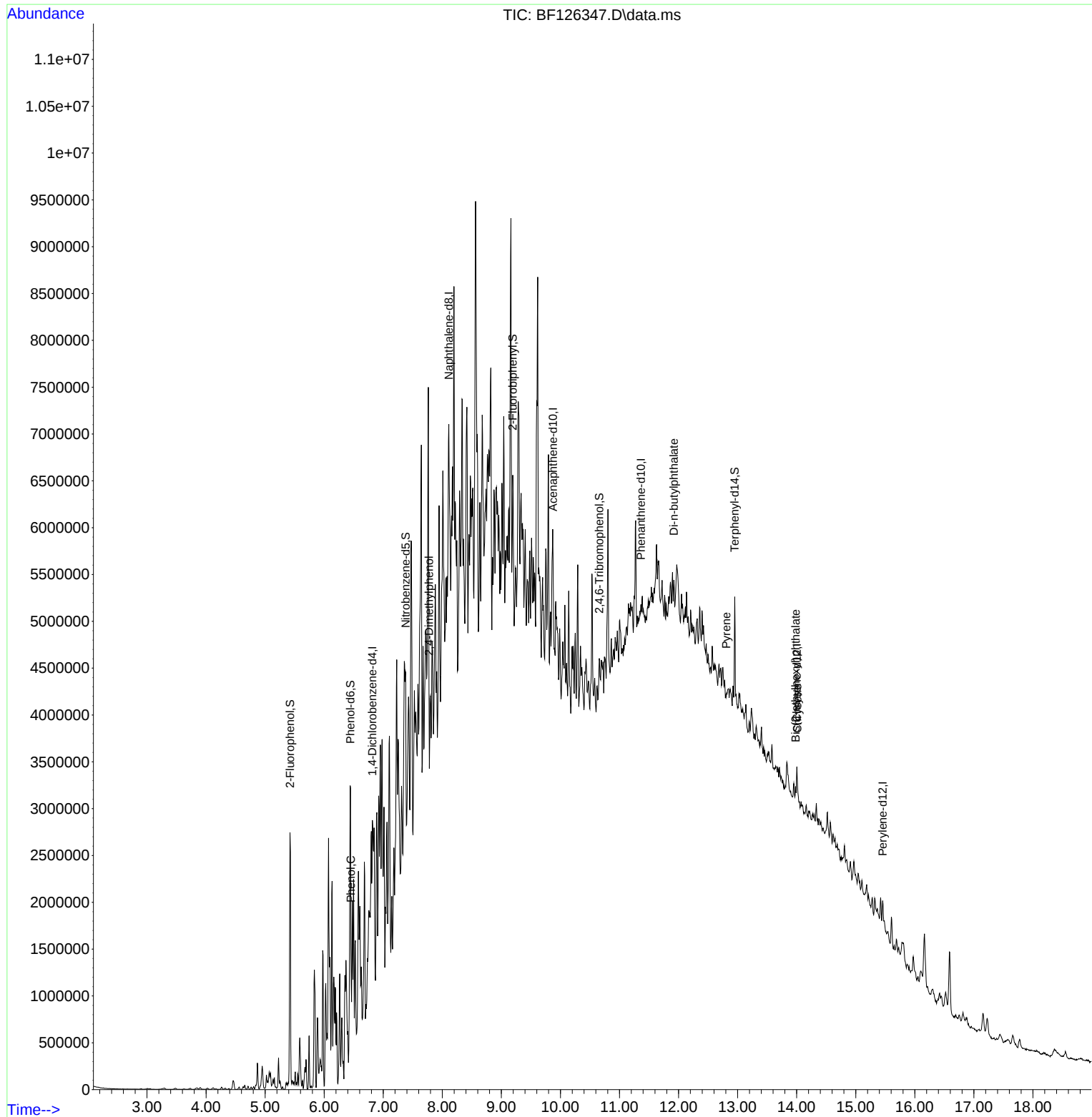
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122321\
Data File : BF126347.D
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ALS Vial : 10 Sample Multiplier: 1

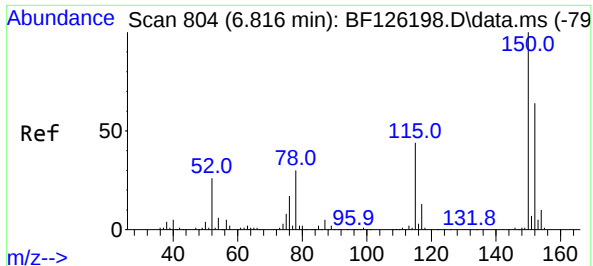
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DB-4-(7.5-8)-12-8-21

Quant Time: Dec 27 06:50:30 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121521.M
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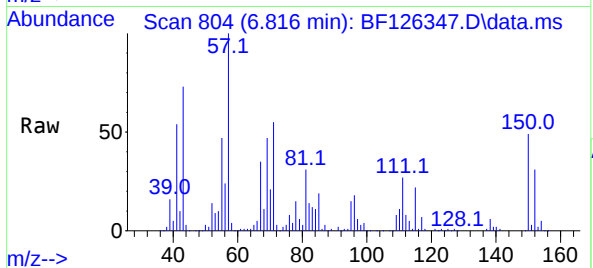
Reviewed By :Jagrut Upadhyay 12/27/2021
Supervised By :mohammad ahmed 12/31/2021





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.816 min Scan# 804
Delta R.T. -0.000 min
Lab File: BF126347.D
Acq: 23 Dec 2021 16:40

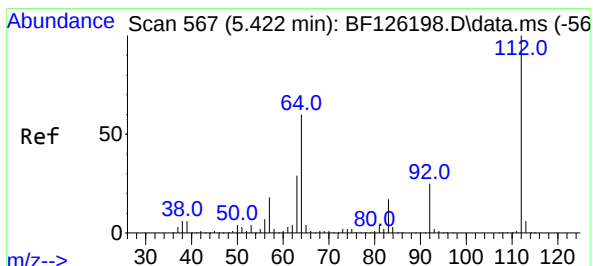
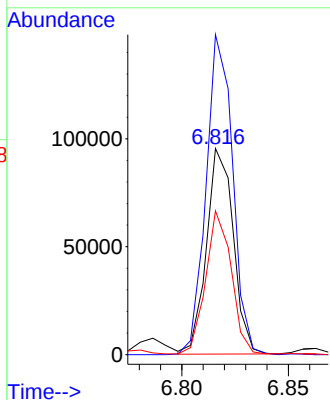
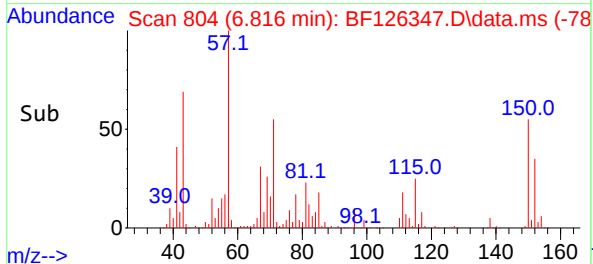
Instrument :
BNA_F
ClientSampleId :
DB-4-(7.5-8)-12-8-21



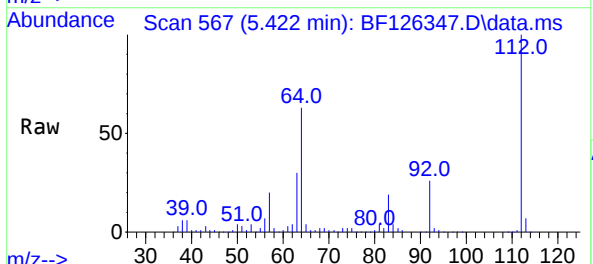
Tgt Ion:152 Resp: 83329
Ion Ratio Lower Upper
152 100
150 155.2 117.6 176.4
115 69.7 47.1 70.7

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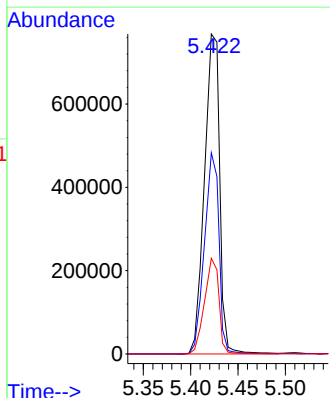
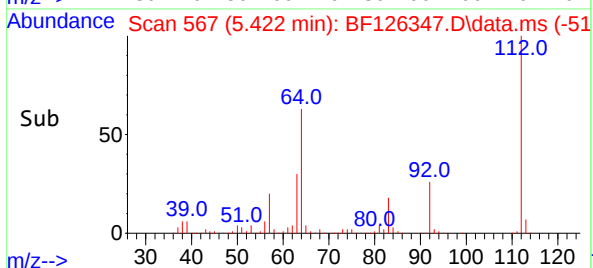
Reviewed By :Jagrut Upadhyay 12/27/2021
Supervised By :mohammad ahmed 12/31/2021

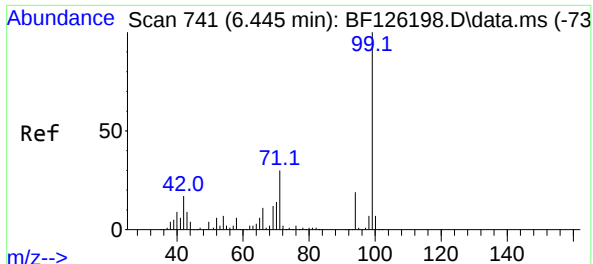


#5
2-Fluorophenol
Concen: 151.666 ng
RT: 5.422 min Scan# 567
Delta R.T. -0.006 min
Lab File: BF126347.D
Acq: 23 Dec 2021 16:40



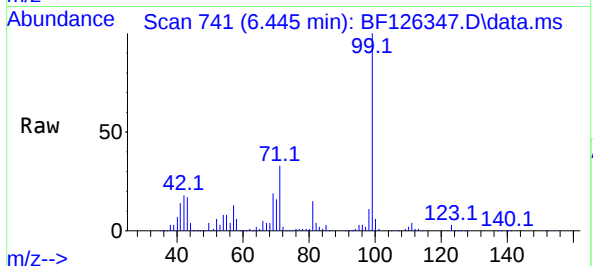
Tgt Ion:112 Resp: 858191
Ion Ratio Lower Upper
112 100
64 62.8 44.2 66.2
63 29.9 26.2 39.2





#7
Phenol-d6
Concen: 139.076 ng
RT: 6.445 min Scan# 741
Delta R.T. -0.000 min
Lab File: BF126347.D
Acq: 23 Dec 2021 16:40

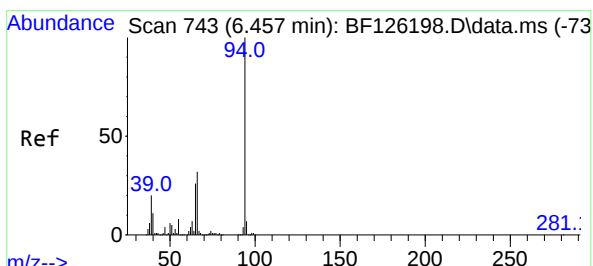
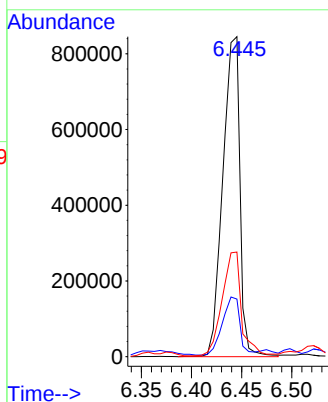
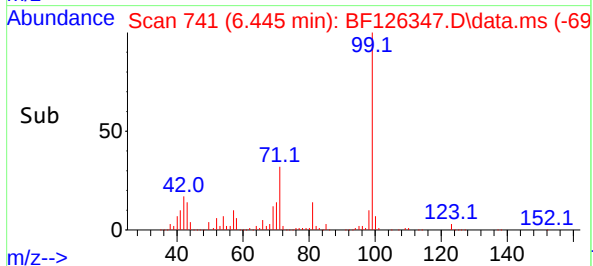
Instrument :
BNA_F
ClientSampleId :
DB-4-(7.5-8)-12-8-21



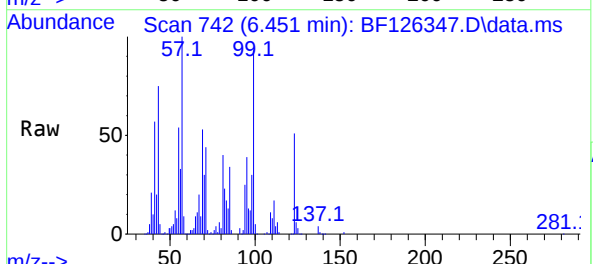
Tgt Ion: 99 Resp: 999234
Ion Ratio Lower Upper
99 100
42 18.0 23.5 35.3
71 32.7 25.6 38.4

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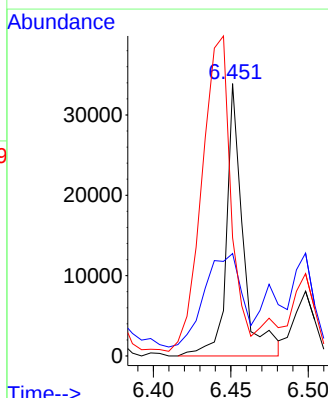
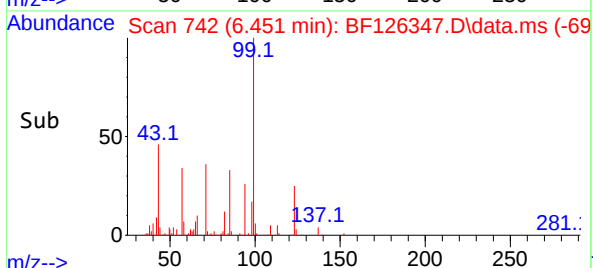
Reviewed By :Jagrut Upadhyay 12/27/2021
Supervised By :mohammad ahmed 12/31/2021

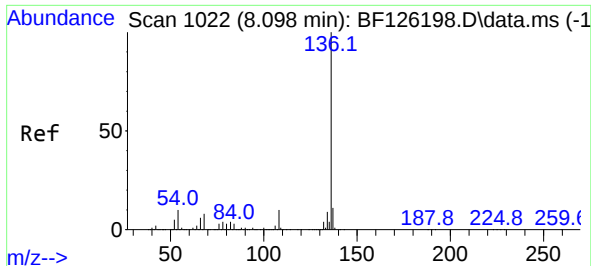


#10
Phenol
Concen: 3.100 ng
RT: 6.451 min Scan# 742
Delta R.T. -0.012 min
Lab File: BF126347.D
Acq: 23 Dec 2021 16:40



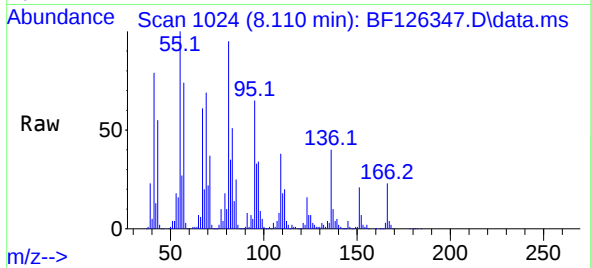
Tgt Ion: 94 Resp: 25001
Ion Ratio Lower Upper
94 100
65 37.6 9.3 49.3
66 43.4 20.3 60.3





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.110 min Scan# 1022
Delta R.T. 0.006 min
Lab File: BF126347.D
Acq: 23 Dec 2021 16:40

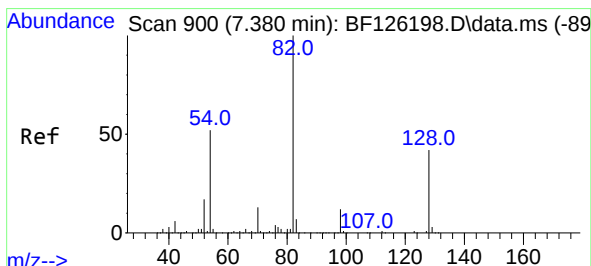
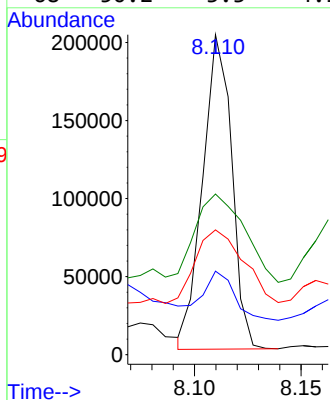
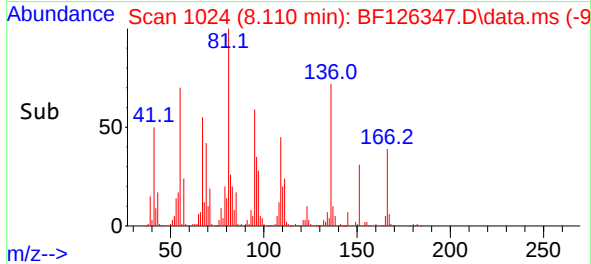
Instrument :
BNA_F
ClientSampleId :
DB-4-(7.5-8)-12-8-21



Tgt Ion:136 Resp: 190923
Ion Ratio Lower Upper
136 100
137 26.1 9.8 14.6
54 39.0 6.4 9.6
68 50.2 3.3 4.9

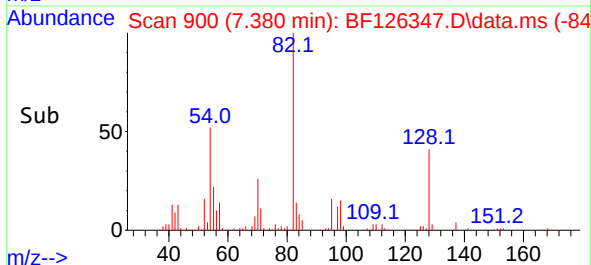
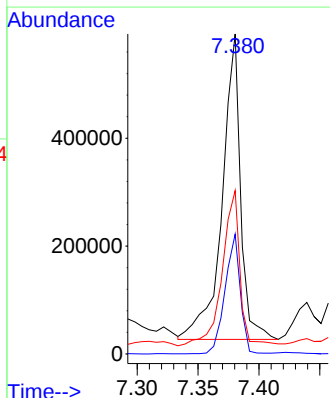
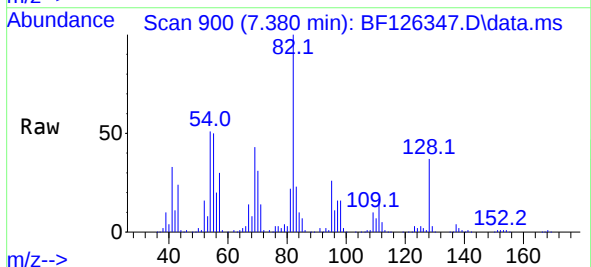
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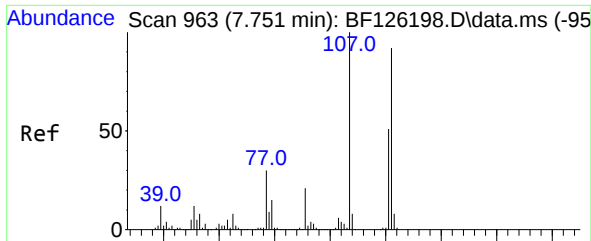
Reviewed By :Jagrut Upadhyay 12/27/2021
Supervised By :mohammad ahmed 12/31/2021



#23
Nitrobenzene-d5
Concen: 170.263 ng
RT: 7.380 min Scan# 900
Delta R.T. -0.000 min
Lab File: BF126347.D
Acq: 23 Dec 2021 16:40

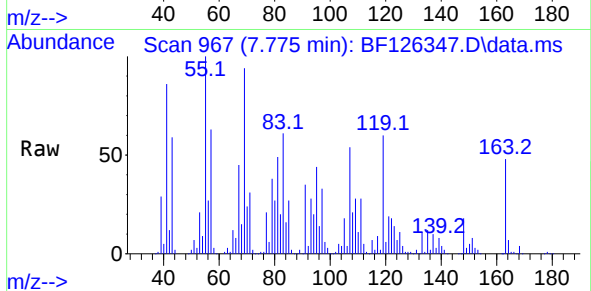
Tgt Ion: 82 Resp: 600216
Ion Ratio Lower Upper
82 100
128 37.5 40.6 60.8
54 51.1 49.6 74.4





#27
2,4-Dimethylphenol
Concen: 18.495 ng
RT: 7.775 min Scan# 90
Delta R.T. 0.023 min
Lab File: BF126347.D
Acq: 23 Dec 2021 16:40

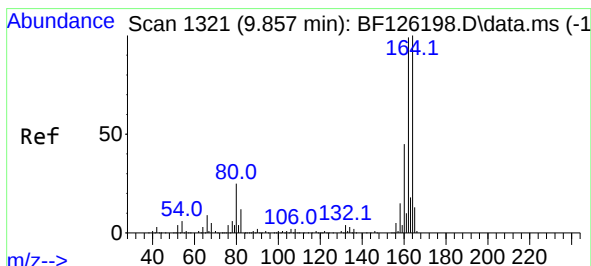
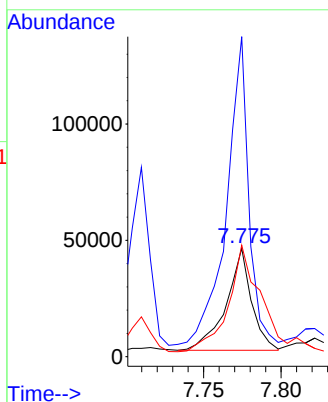
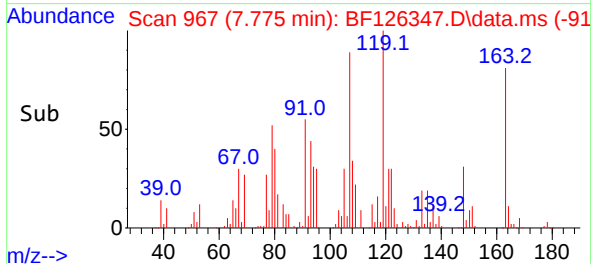
Instrument :
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ClientSampleId :
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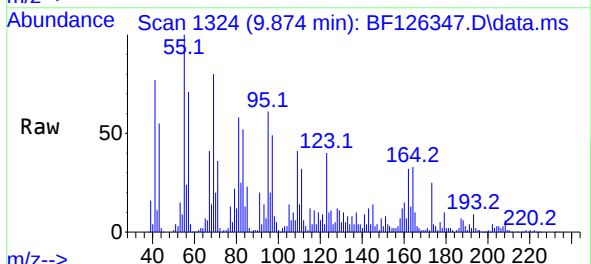
Tgt Ion:122 Resp: 49828
Ion Ratio Lower Upper
122 100
107 295.3 85.0 127.6
121 102.9 43.3 64.9

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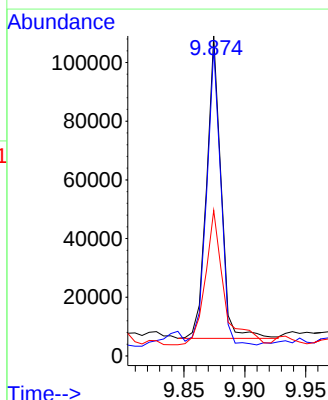
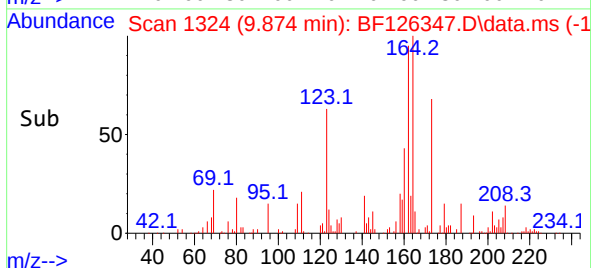
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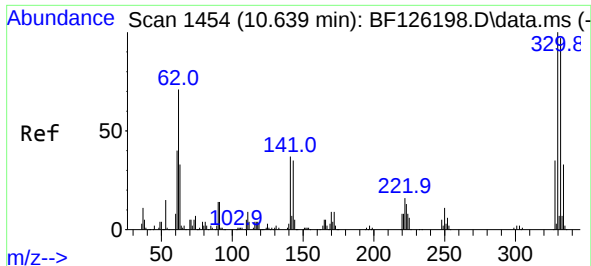


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.874 min Scan# 1324
Delta R.T. 0.018 min
Lab File: BF126347.D
Acq: 23 Dec 2021 16:40



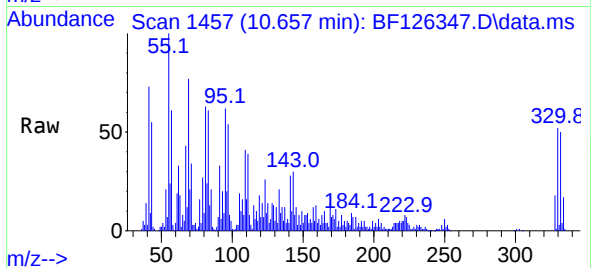
Tgt Ion:164 Resp: 84889
Ion Ratio Lower Upper
164 100
162 96.3 81.3 121.9
160 45.5 38.0 57.0





#42
2,4,6-Tribromophenol
Concen: 161.407 ng
RT: 10.657 min Scan# 1457
Delta R.T. 0.012 min
Lab File: BF126347.D
Acq: 23 Dec 2021 16:40

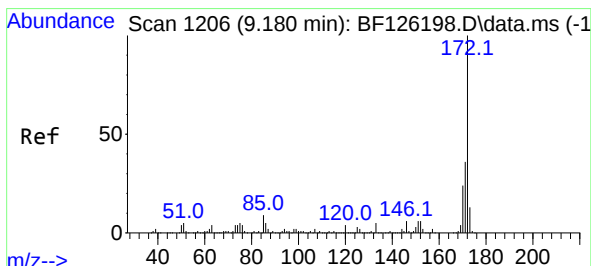
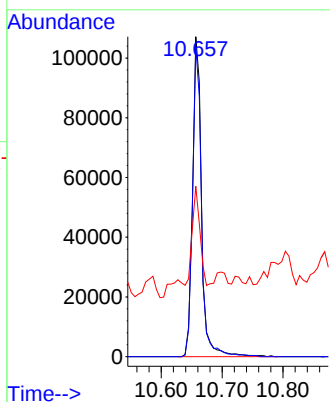
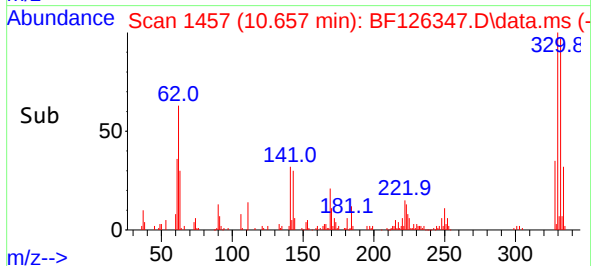
Instrument :
BNA_F
ClientSampleId :
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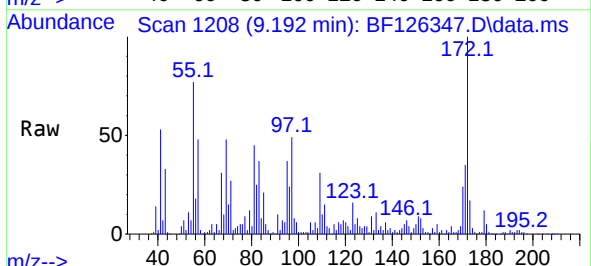
Tgt Ion: 330 Resp: 11011
Ion Ratio Lower Upper
330 100
332 96.7 76.2 114.4
141 26.1 44.6 66.8

Manual Integrations
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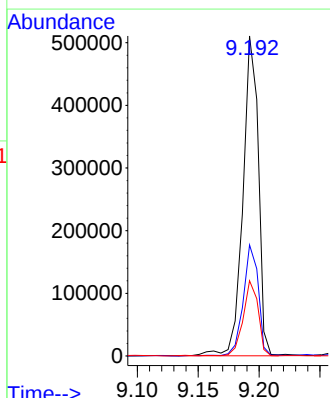
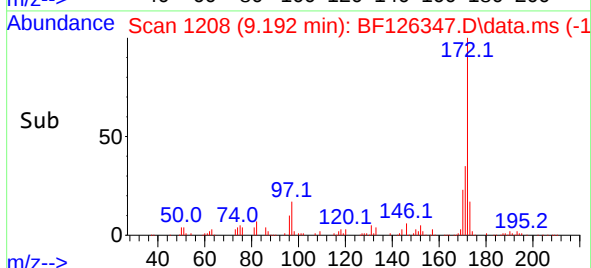
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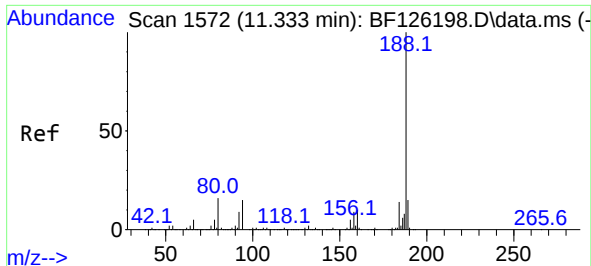


#45
2-Fluorobiphenyl
Concen: 92.906 ng
RT: 9.192 min Scan# 1208
Delta R.T. 0.012 min
Lab File: BF126347.D
Acq: 23 Dec 2021 16:40



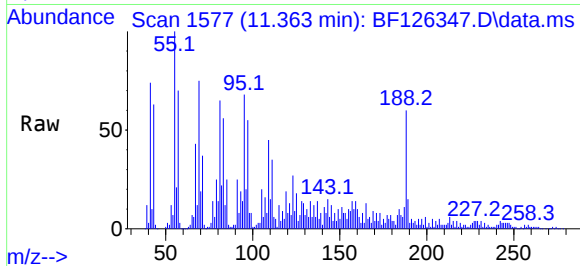
Tgt Ion: 172 Resp: 449673
Ion Ratio Lower Upper
172 100
171 34.7 26.5 39.7
170 23.5 18.8 28.2





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.363 min Scan# 11
Delta R.T. 0.023 min
Lab File: BF126347.D
Acq: 23 Dec 2021 16:40

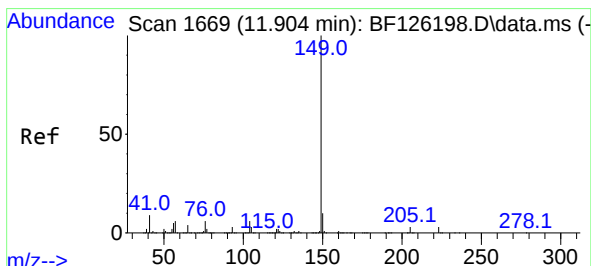
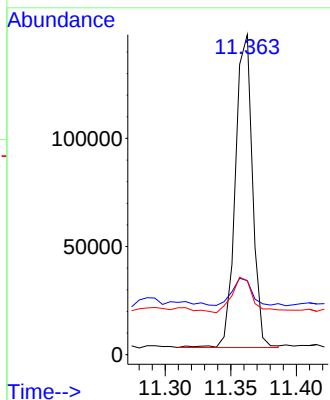
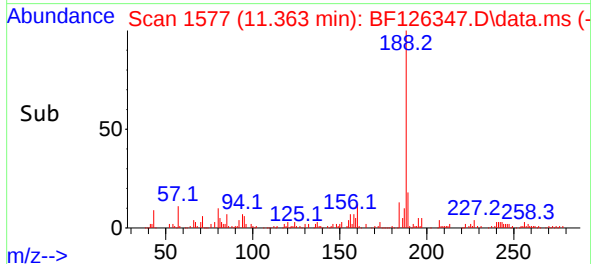
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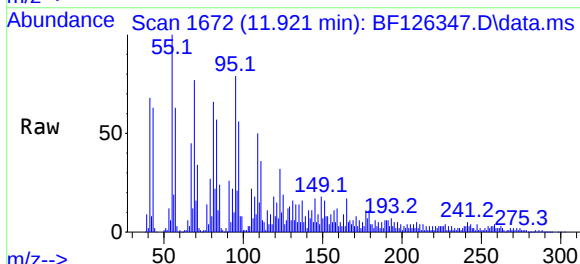
Tgt Ion:188 Resp: 13213
Ion Ratio Lower Upper
188 100
94 23.1 6.7 10.1#
80 23.2 7.5 11.3#

Manual Integrations
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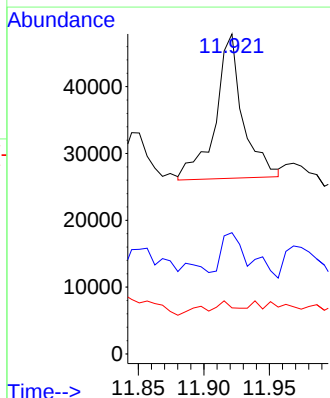
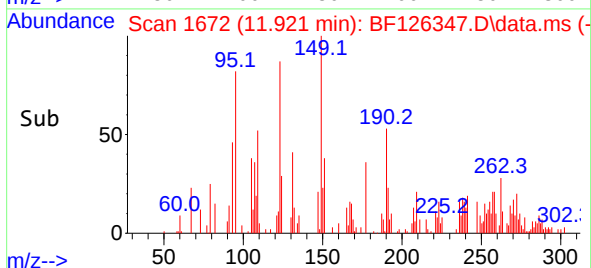
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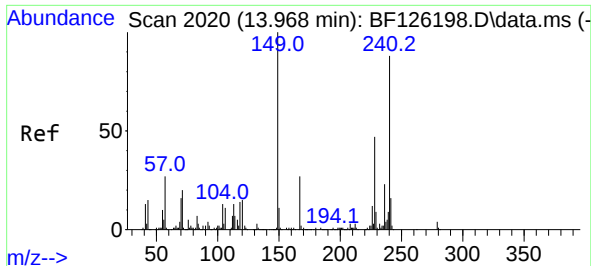


#74
Di-n-butylphthalate
Concen: 3.830 ng
RT: 11.921 min Scan# 1672
Delta R.T. 0.018 min
Lab File: BF126347.D
Acq: 23 Dec 2021 16:40



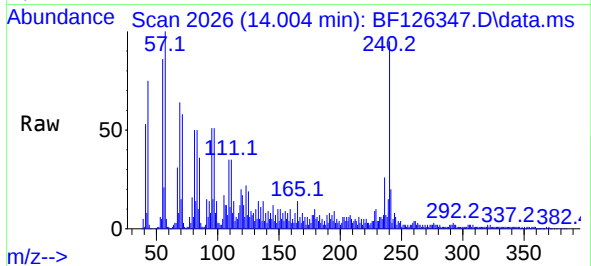
Tgt Ion:149 Resp: 31302
Ion Ratio Lower Upper
149 100
150 37.9 7.4 11.2#
104 14.4 4.1 6.1#





#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.004 min Scan# 2026
Delta R.T. 0.023 min
Lab File: BF126347.D
Acq: 23 Dec 2021 16:40

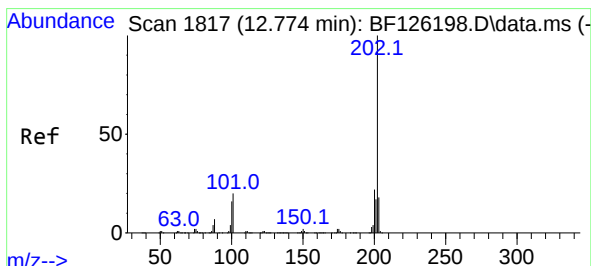
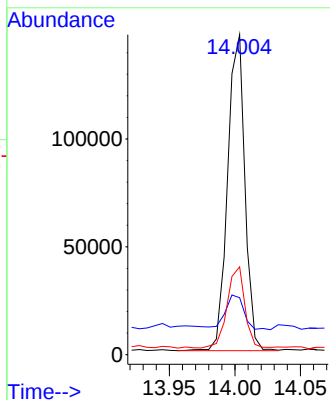
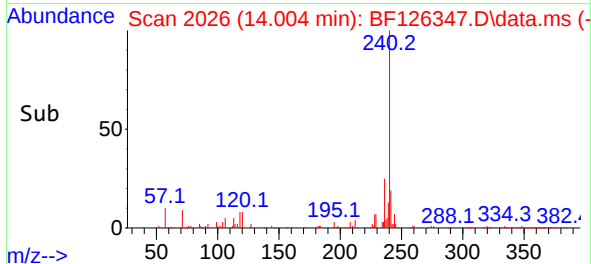
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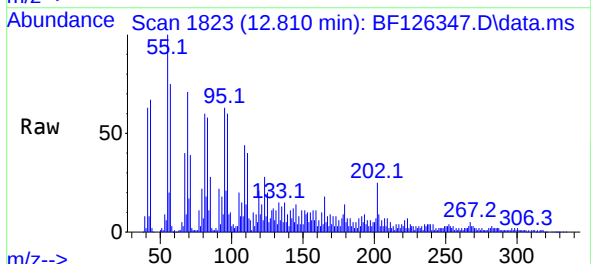
Tgt Ion:240 Resp: 13425
Ion Ratio Lower Upper
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120 17.8 10.8 16.2
236 27.5 21.6 32.4

Manual Integrations
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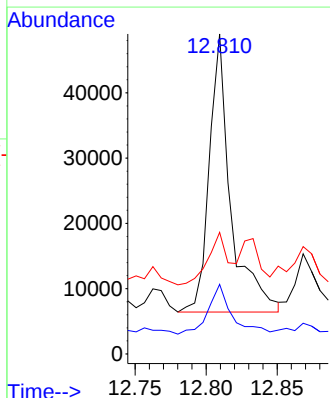
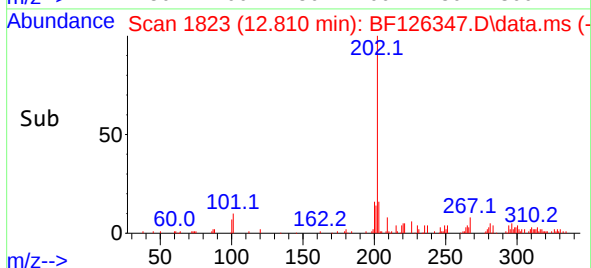
Reviewed By :Jagrut Upadhyay 12/27/2021
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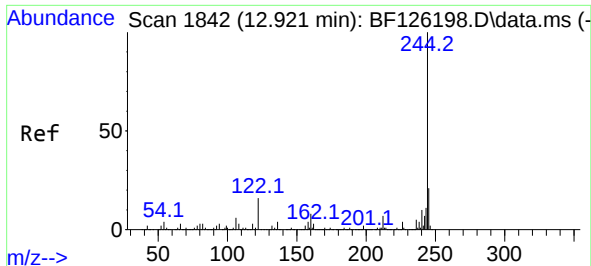


#78
Pyrene
Concen: 3.632 ng
RT: 12.810 min Scan# 1823
Delta R.T. 0.029 min
Lab File: BF126347.D
Acq: 23 Dec 2021 16:40



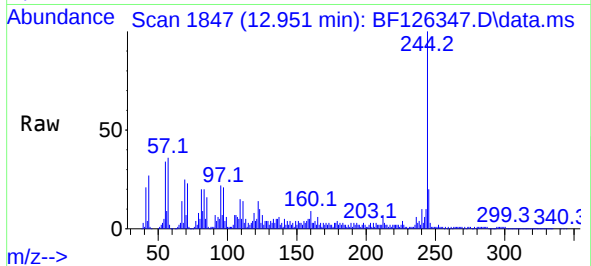
Tgt Ion:202 Resp: 44804
Ion Ratio Lower Upper
202 100
200 21.8 15.3 22.9
203 38.0 13.4 20.0





#79
 Terphenyl-d14
 Concen: 58.288 ng
 RT: 12.951 min Scan# 11
 Delta R.T. 0.023 min
 Lab File: BF126347.D
 Acq: 23 Dec 2021 16:40

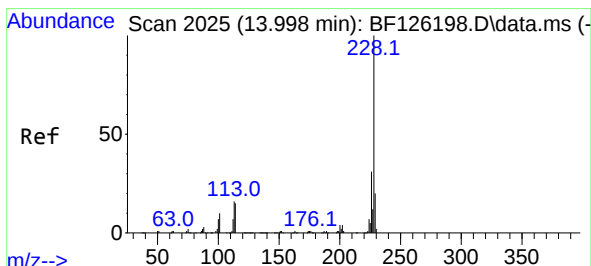
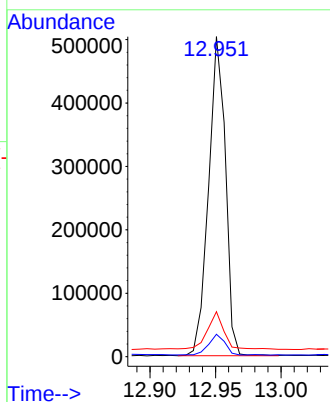
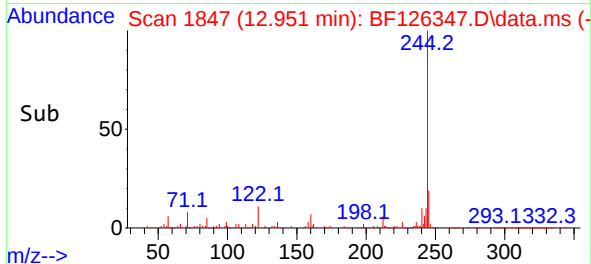
Instrument :
 BNA_F
 ClientSampleId :
 DB-4-(7.5-8)-12-8-21



Tgt Ion:244 Resp: 450227
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.9 8.9
 122 14.1 9.0 13.4

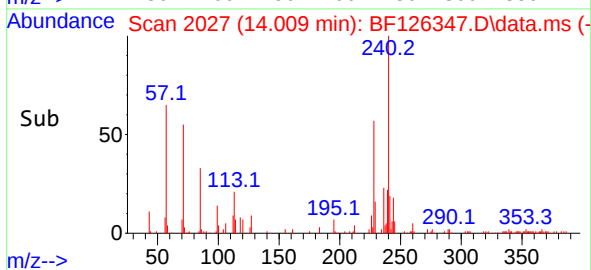
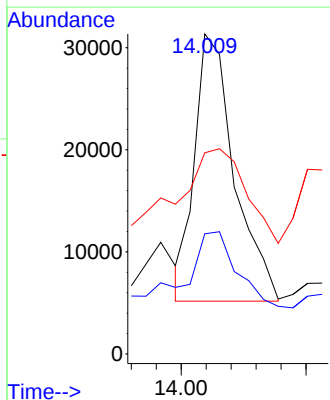
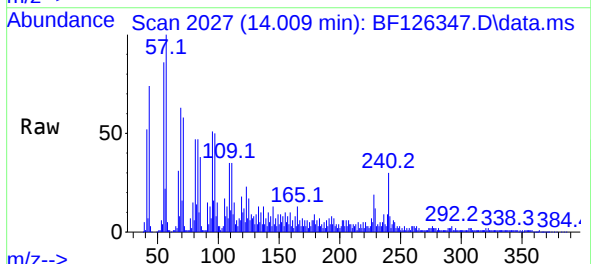
Manual Integrations
 APPROVED

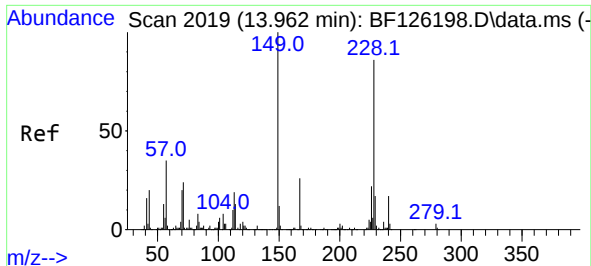
Reviewed By :Jagrut Upadhyay 12/27/2021
 Supervised By :mohammad ahmed 12/31/2021



#83
 Chrysene
 Concen: 3.489 ng m
 RT: 14.009 min Scan# 2027
 Delta R.T. 0.006 min
 Lab File: BF126347.D
 Acq: 23 Dec 2021 16:40

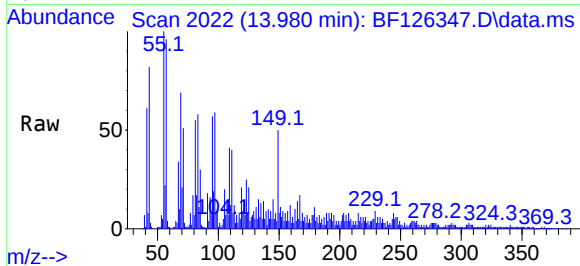
Tgt Ion:228 Resp: 28827
 Ion Ratio Lower Upper
 228 100
 226 37.6 22.6 34.0#
 229 62.8 15.9 23.9#





#84
Bis(2-ethylhexyl)phthalate
Concen: 8.313 ng
RT: 13.980 min Scan# 2019
Delta R.T. 0.018 min
Lab File: BF126347.D
Acq: 23 Dec 2021 16:40

Instrument :
BNA_F
ClientSampleId :
DB-4-(7.5-8)-12-8-21

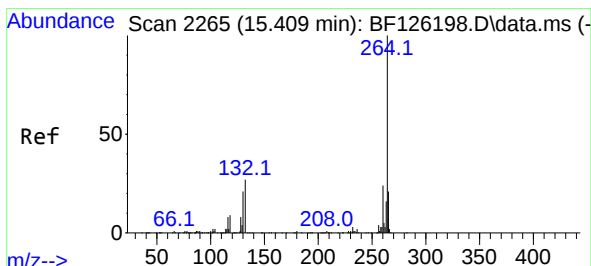
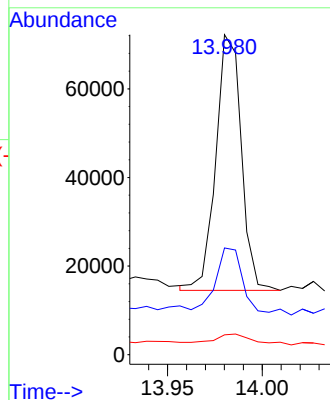
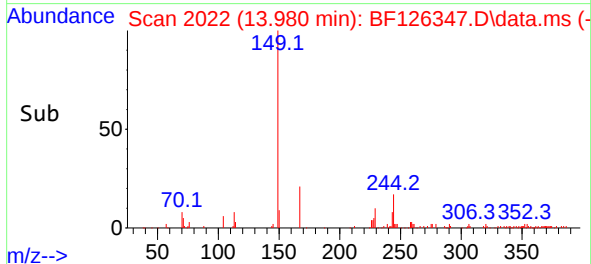


Tgt Ion: 149 Resp: 53917

Ion	Ratio	Lower	Upper
149	100		
167	33.3	21.4	32.0
279	6.2	2.6	4.0

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 12/27/2021
Supervised By :mohammad ahmed 12/31/2021



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.456 min Scan# 2273
Delta R.T. 0.029 min
Lab File: BF126347.D
Acq: 23 Dec 2021 16:40

Tgt Ion: 264 Resp: 133494

Ion	Ratio	Lower	Upper
264	100		
260	22.8	19.6	29.4
265	22.0	17.2	25.8

