

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012822\
 Data File : BF126738.D
 Acq On : 29 Jan 2022 01:09
 Operator : CG/JU
 Sample : N1312-01 2X
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OR-03-012722

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 01/31/2022
 Supervised By : Jagrut Upadhyay 01/31/2022

Quant Time: Jan 29 02:32:39 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 27 03:09:40 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.957	152	148625	20.000	ng	0.00
21) Naphthalene-d8	8.239	136	506503	20.000	ng	0.00
39) Acenaphthene-d10	9.998	164	237351	20.000	ng	0.00
64) Phenanthrene-d10	11.492	188	407308	20.000	ng	0.00
76) Chrysene-d12	14.145	240	360343	20.000	ng	# 0.00
86) Perylene-d12	15.668	264	262030	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.569	112	498576	44.143	ng	0.00
7) Phenol-d6	6.569	99	634801	40.453	ng	0.00
23) Nitrobenzene-d5	7.516	82	408550	31.572	ng	0.00
42) 2,4,6-Tribromophenol	10.786	330	92860	41.806	ng	0.00
45) 2-Fluorobiphenyl	9.316	172	505709	32.631	ng	0.00
79) Terphenyl-d14	13.080	244	550248	25.612	ng	0.00
Target Compounds						Qvalue
58) Fluorene	10.545	166	33155	2.169	ng	95
71) Phenanthrene	11.516	178	252232	10.839	ng	99
72) Anthracene	11.568	178	87379	3.743	ng	98
75) Fluoranthene	12.710	202	395680	17.215	ng	99
78) Pyrene	12.945	202	408226	14.009	ng	99
81) Benzo(a)anthracene	14.133	228	171702m	7.010	ng	
83) Chrysene	14.168	228	169121m	7.176	ng	
87) Indeno(1,2,3-cd)pyrene	17.227	276	52675m	3.254	ng	
88) Benzo(b)fluoranthene	15.215	252	147558m	8.492	ng	
89) Benzo(k)fluoranthene	15.245	252	49912m	2.925	ng	
90) Benzo(a)pyrene	15.604	252	114022	8.065	ng	96
92) Benzo(g,h,i)perylene	17.703	276	56585	4.303	ng	# 89

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

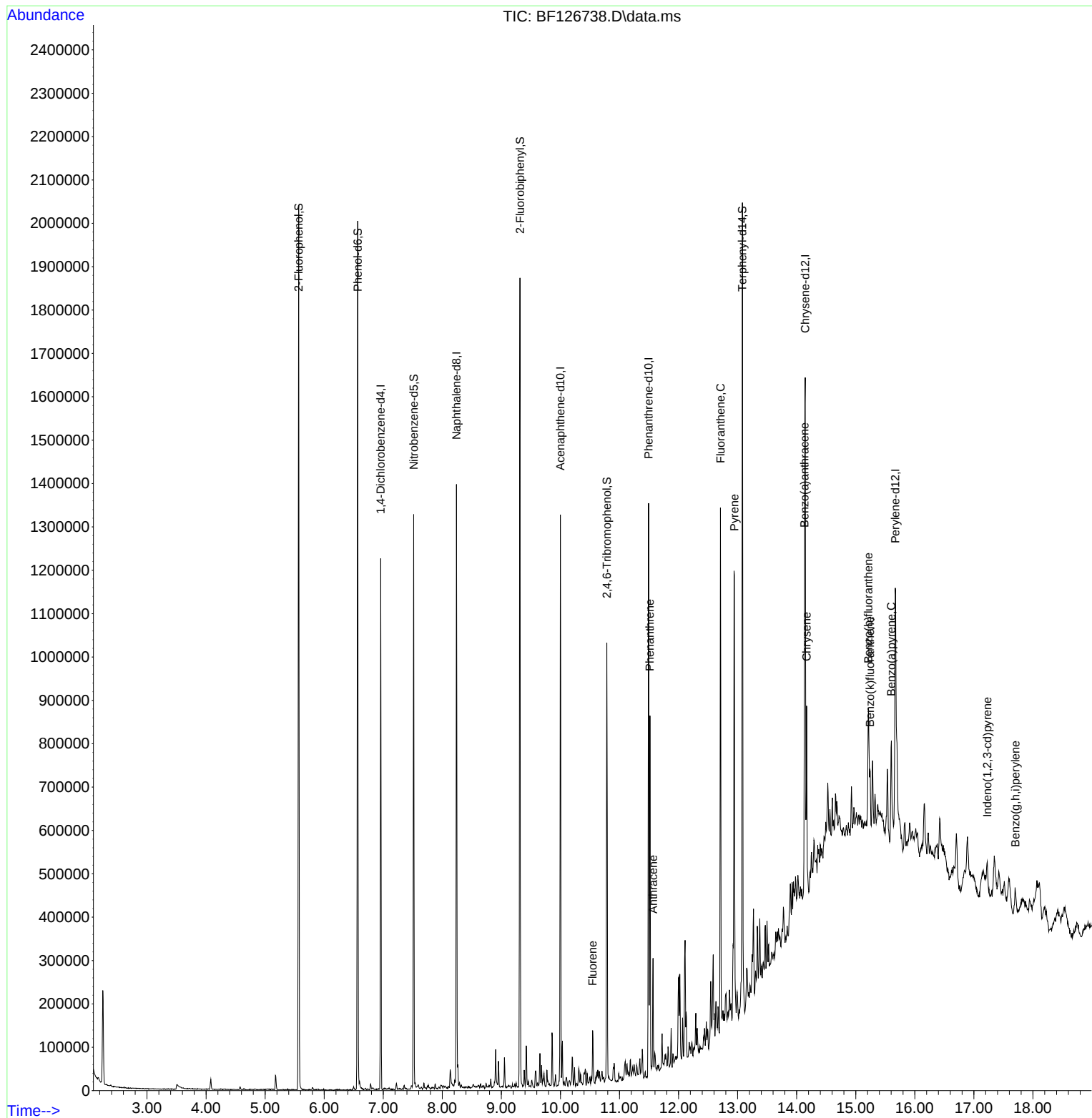
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012822\
Data File : BF126738.D
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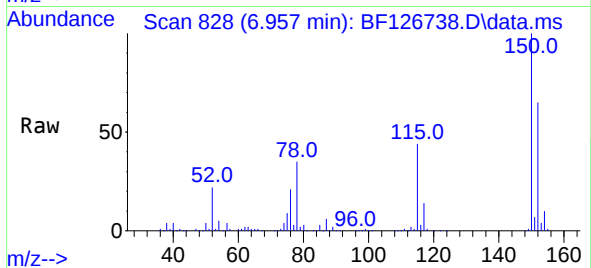
Reviewed By :Christian Giraldo 01/31/2022
Supervised By :Jagrut Upadhyay 01/31/2022





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.957 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF126738.D
Acq: 29 Jan 2022 01:09

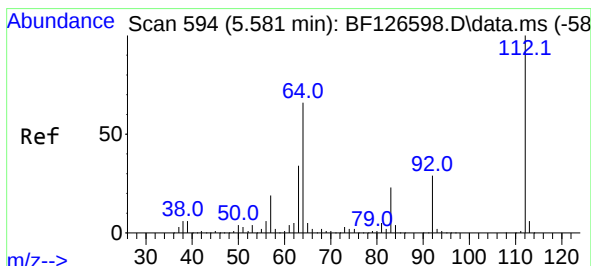
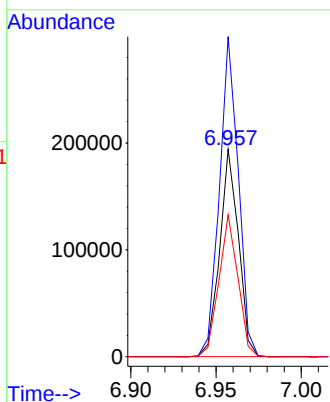
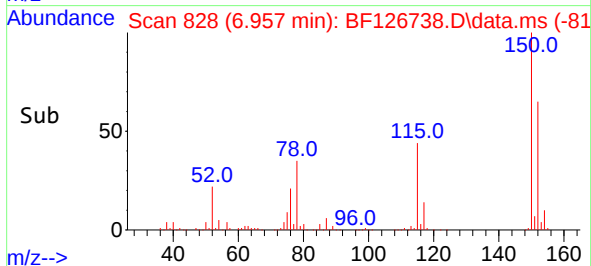
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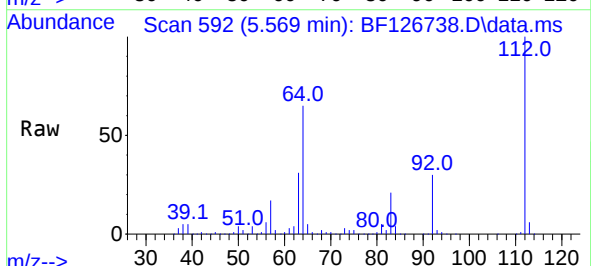
Tgt Ion:152 Resp: 148625
Ion Ratio Lower Upper
152 100
150 154.4 128.1 192.1
115 68.4 56.7 85.1

Manual Integrations
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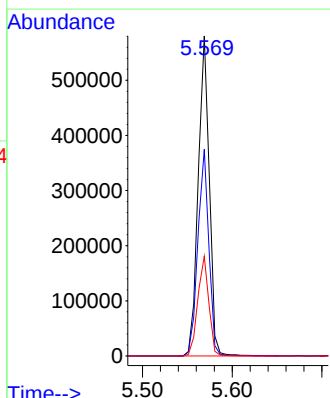
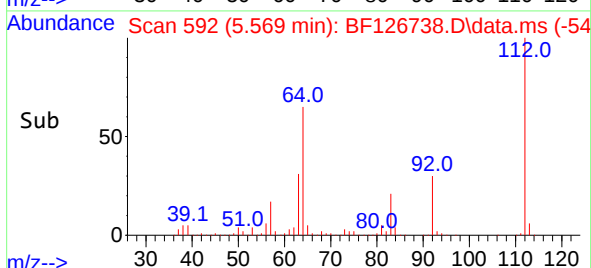
Reviewed By :Christian Giraldo 01/31/2022
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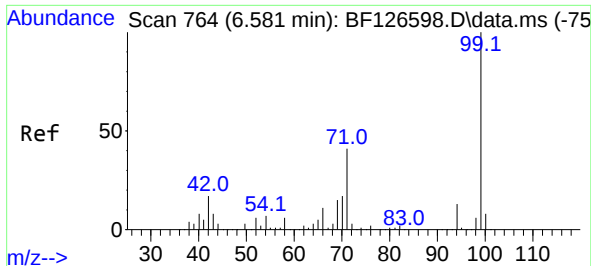


#5
2-Fluorophenol
Concen: 44.143 ng
RT: 5.569 min Scan# 592
Delta R.T. -0.000 min
Lab File: BF126738.D
Acq: 29 Jan 2022 01:09



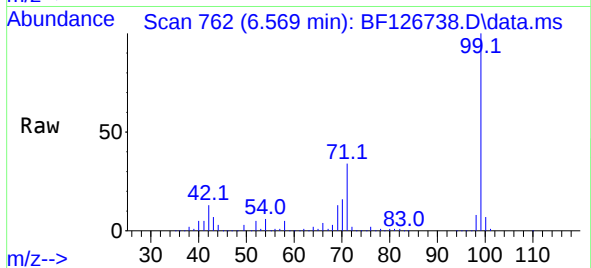
Tgt Ion:112 Resp: 498576
Ion Ratio Lower Upper
112 100
64 64.5 49.5 74.3
63 31.2 23.9 35.9





#7
Phenol-d6
Concen: 40.453 ng
RT: 6.569 min Scan# 70
Delta R.T. -0.006 min
Lab File: BF126738.D
Acq: 29 Jan 2022 01:09

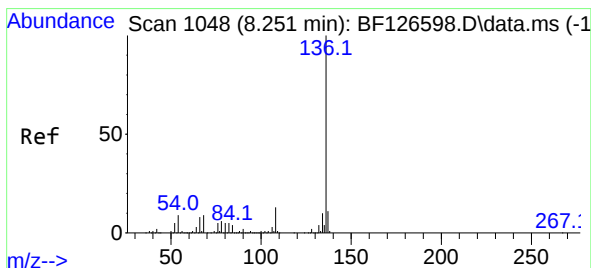
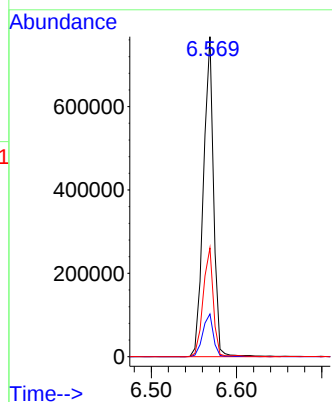
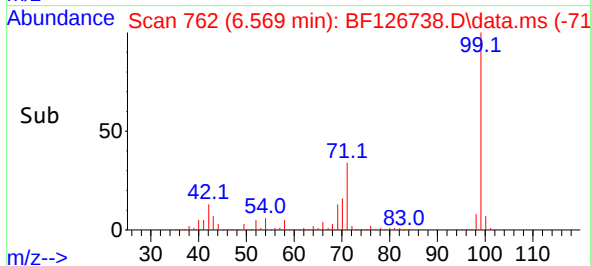
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OR-03-012722



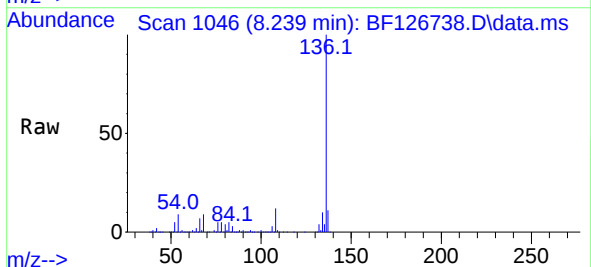
Tgt Ion: 99 Resp: 63480
Ion Ratio Lower Upper
99 100
42 13.3 14.2 21.4
71 34.0 24.3 36.5

Manual Integrations
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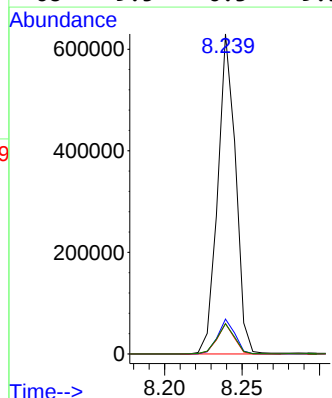
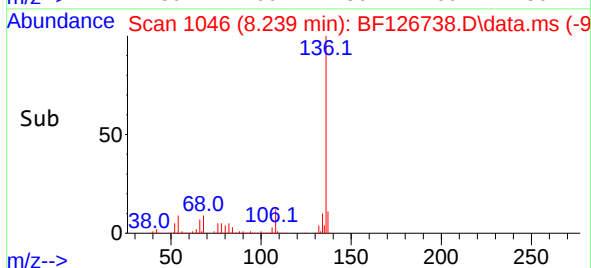
Reviewed By :Christian Giraldo 01/31/2022
Supervised By :Jagrut Upadhyay 01/31/2022

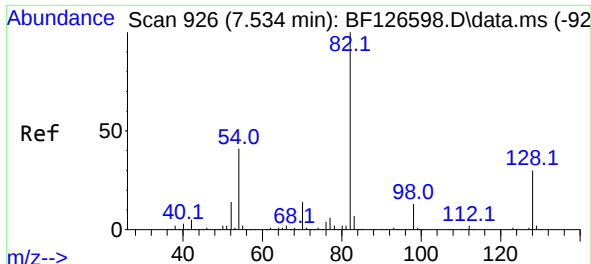


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.239 min Scan# 1046
Delta R.T. -0.000 min
Lab File: BF126738.D
Acq: 29 Jan 2022 01:09



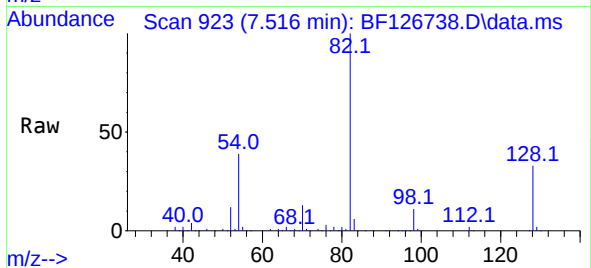
Tgt Ion:136 Resp: 506503
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 9.5 7.8 11.6
68 9.5 6.3 9.5





#23
Nitrobenzene-d5
Concen: 31.572 ng
RT: 7.516 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF126738.D
Acq: 29 Jan 2022 01:09

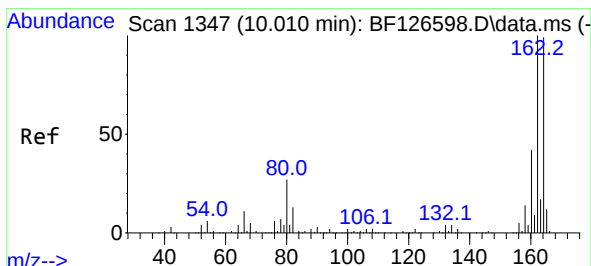
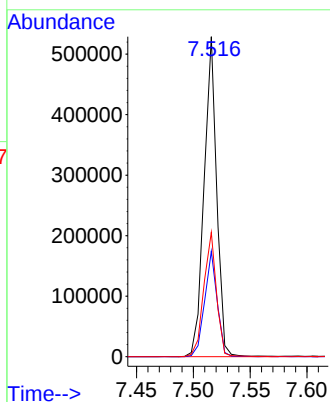
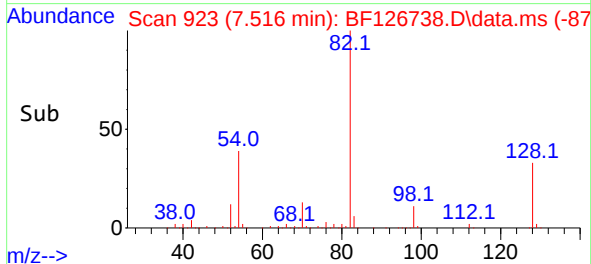
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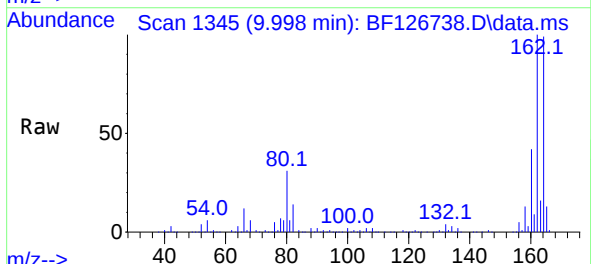
Tgt Ion: 82 Resp: 408550
Ion Ratio Lower Upper
82 100
128 33.0 32.7 49.1
54 38.9 41.7 62.5

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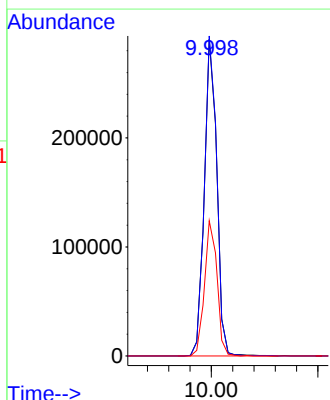
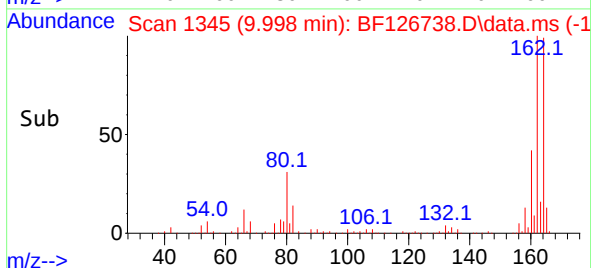
Reviewed By :Christian Giraldo 01/31/2022
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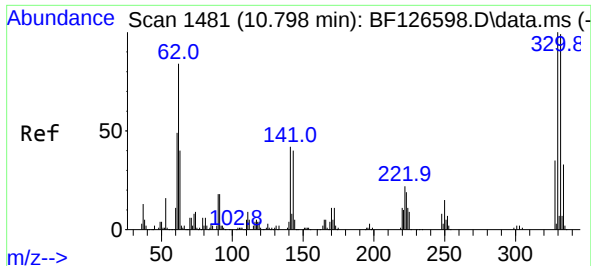


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.998 min Scan# 1345
Delta R.T. -0.000 min
Lab File: BF126738.D
Acq: 29 Jan 2022 01:09



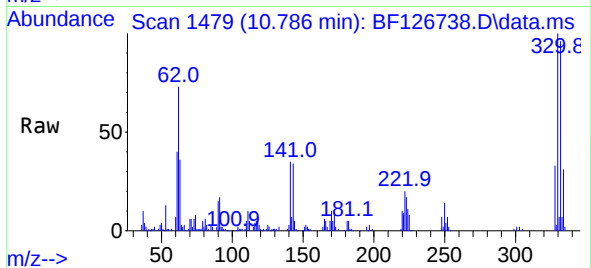
Tgt Ion:164 Resp: 237351
Ion Ratio Lower Upper
164 100
162 101.0 81.4 122.0
160 42.7 36.6 54.8





#42
2,4,6-Tribromophenol
Concen: 41.806 ng
RT: 10.786 min Scan# 1481
Delta R.T. -0.006 min
Lab File: BF126738.D
Acq: 29 Jan 2022 01:09

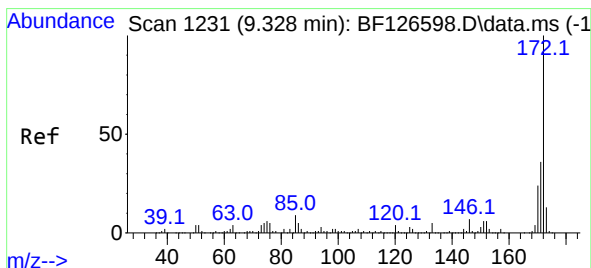
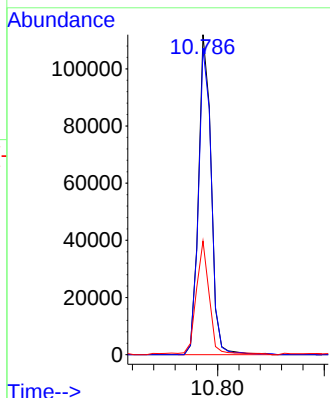
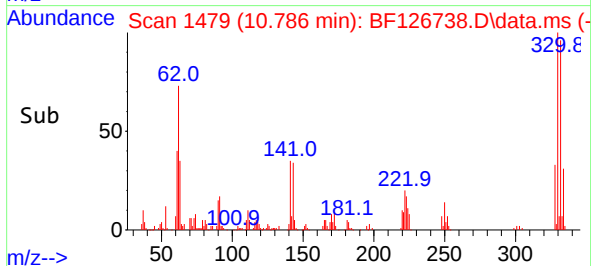
Instrument :
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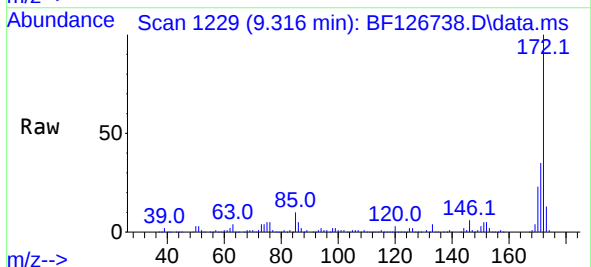
Tgt Ion: 330 Resp: 92860
Ion Ratio Lower Upper
330 100
332 97.5 76.0 114.0
141 37.5 30.1 45.1

Manual Integrations
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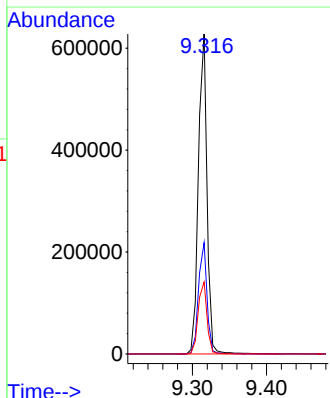
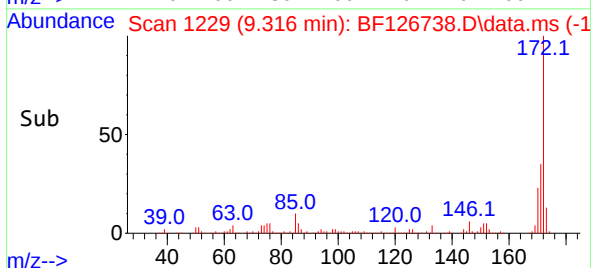
Reviewed By : Christian Giraldo 01/31/2022
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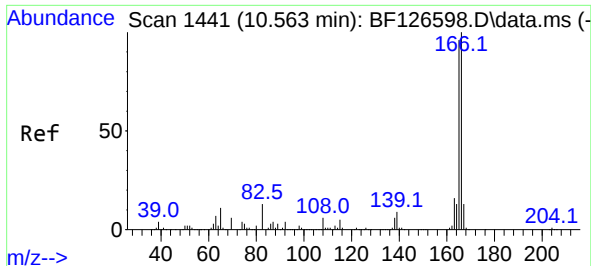


#45
2-Fluorobiphenyl
Concen: 32.631 ng
RT: 9.316 min Scan# 1229
Delta R.T. -0.000 min
Lab File: BF126738.D
Acq: 29 Jan 2022 01:09



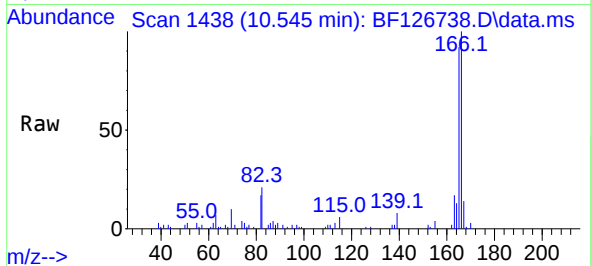
Tgt Ion: 172 Resp: 505709
Ion Ratio Lower Upper
172 100
171 34.8 28.3 42.5
170 22.5 19.0 28.6





#58
Fluorene
Concen: 2.169 ng
RT: 10.545 min Scan# 1441
Delta R.T. -0.006 min
Lab File: BF126738.D
Acq: 29 Jan 2022 01:09

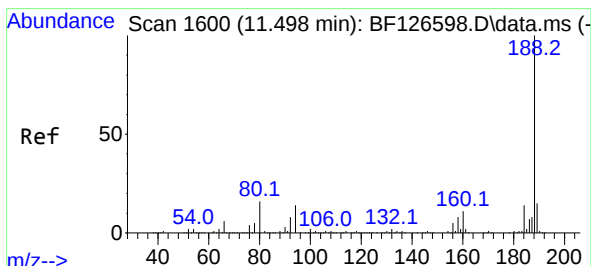
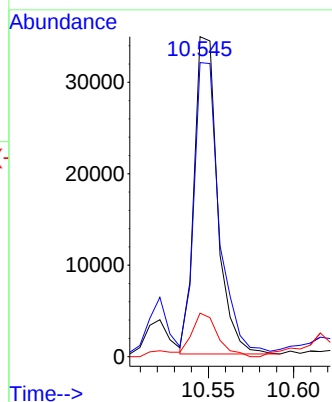
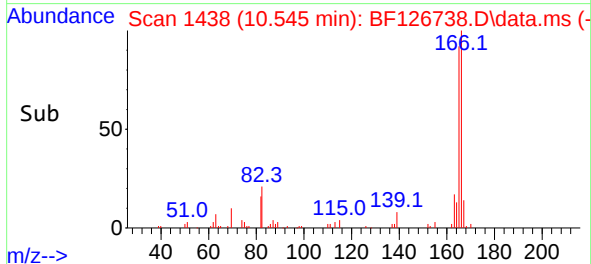
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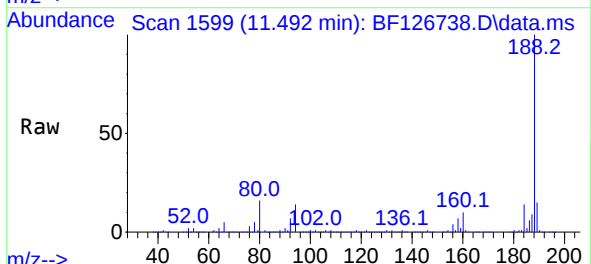
Tgt Ion:166 Resp: 3315
Ion Ratio Lower Upper
166 100
165 91.9 77.7 116.5
167 13.6 10.7 16.1

Manual Integrations
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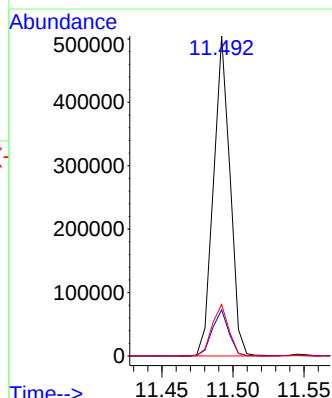
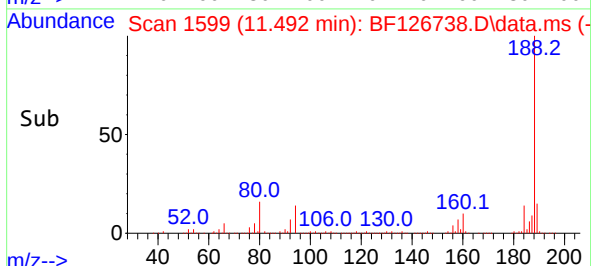
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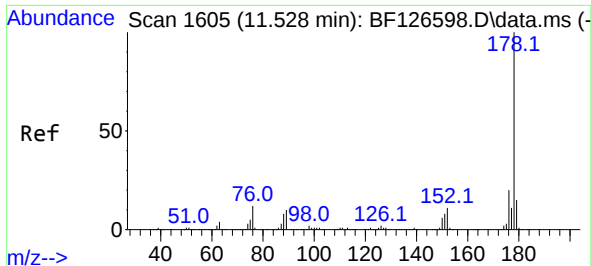


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.492 min Scan# 1599
Delta R.T. -0.000 min
Lab File: BF126738.D
Acq: 29 Jan 2022 01:09



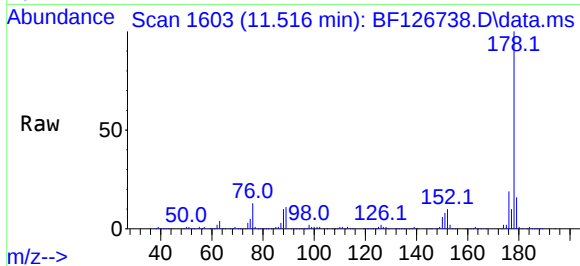
Tgt Ion:188 Resp: 407308
Ion Ratio Lower Upper
188 100
94 14.4 10.1 15.1
80 16.1 11.8 17.6





#71
Phenanthrene
Concen: 10.839 ng
RT: 11.516 min Scan# 1603
Delta R.T. -0.006 min
Lab File: BF126738.D
Acq: 29 Jan 2022 01:09

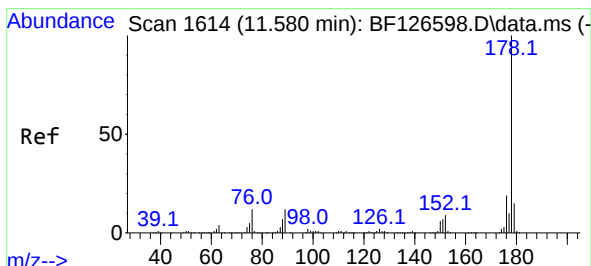
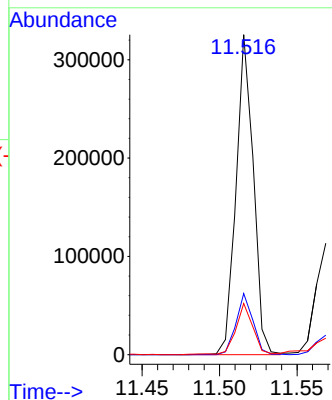
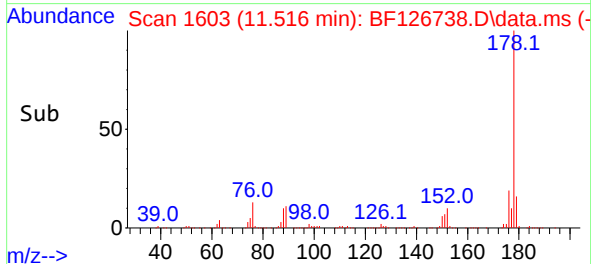
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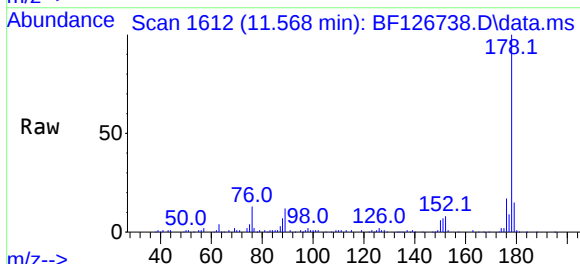
Tgt Ion:178 Resp: 25223
Ion Ratio Lower Upper
178 100
176 19.1 15.7 23.5
179 16.0 12.3 18.5

Manual Integrations
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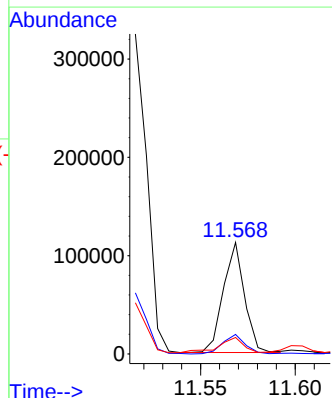
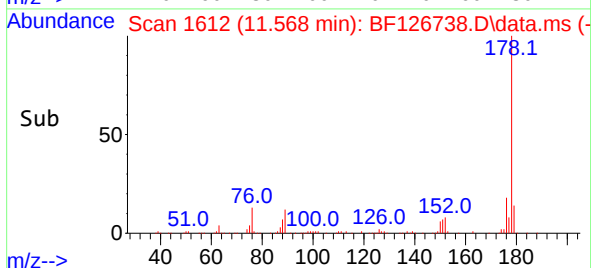
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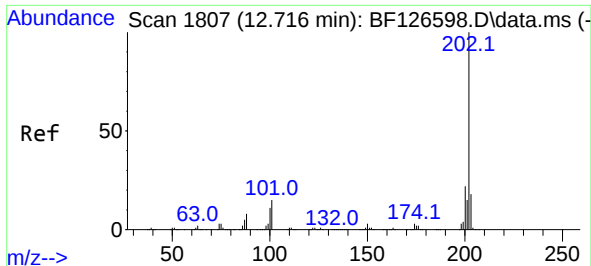


#72
Anthracene
Concen: 3.743 ng
RT: 11.568 min Scan# 1612
Delta R.T. -0.000 min
Lab File: BF126738.D
Acq: 29 Jan 2022 01:09



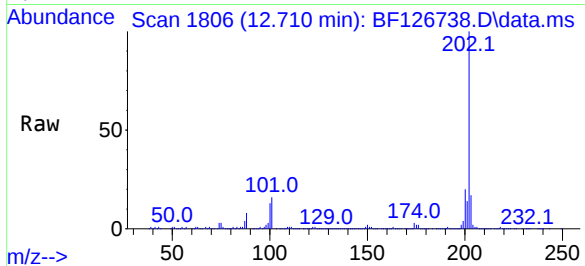
Tgt Ion:178 Resp: 87379
Ion Ratio Lower Upper
178 100
176 17.5 15.0 22.6
179 14.8 12.5 18.7





#75
Fluoranthene
Concen: 17.215 ng
RT: 12.710 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF126738.D
Acq: 29 Jan 2022 01:09

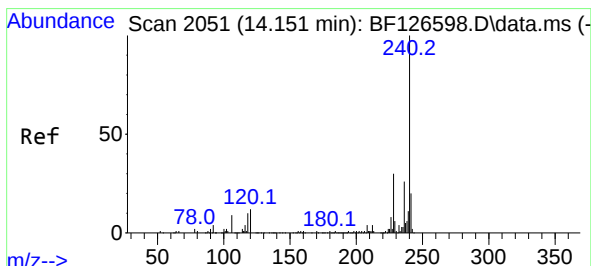
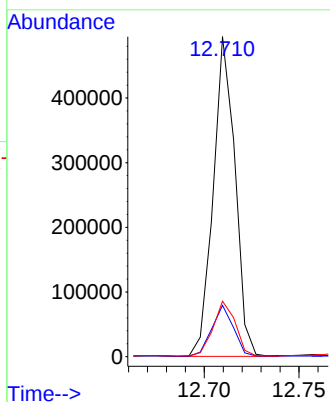
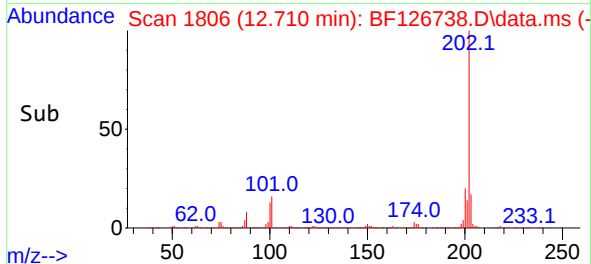
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OR-03-012722



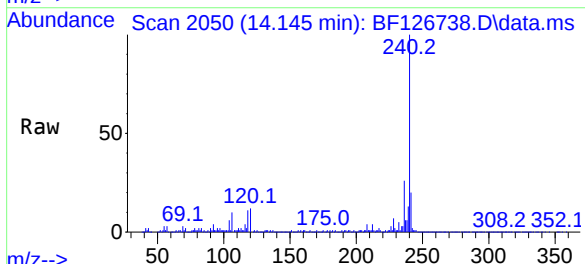
Tgt Ion:202 Resp: 395680
Ion Ratio Lower Upper
202 100
101 16.0 0.0 35.7
203 17.4 0.0 37.1

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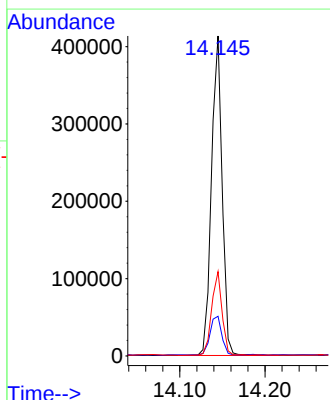
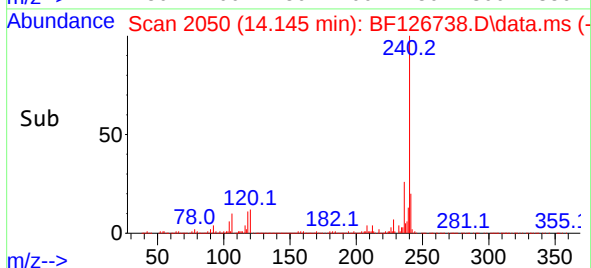
Reviewed By :Christian Giraldo 01/31/2022
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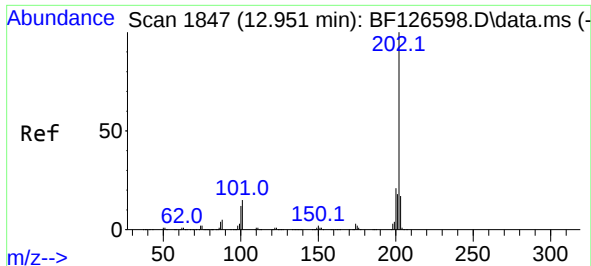


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.145 min Scan# 2050
Delta R.T. -0.000 min
Lab File: BF126738.D
Acq: 29 Jan 2022 01:09



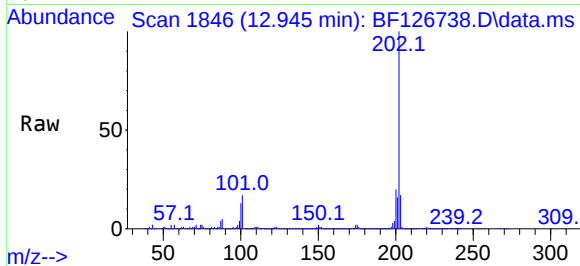
Tgt Ion:240 Resp: 360343
Ion Ratio Lower Upper
240 100
120 12.4 14.4 21.6#
236 26.3 20.5 30.7





#78
Pyrene
Concen: 14.009 ng
RT: 12.945 min Scan# 1846
Delta R.T. 0.006 min
Lab File: BF126738.D
Acq: 29 Jan 2022 01:09

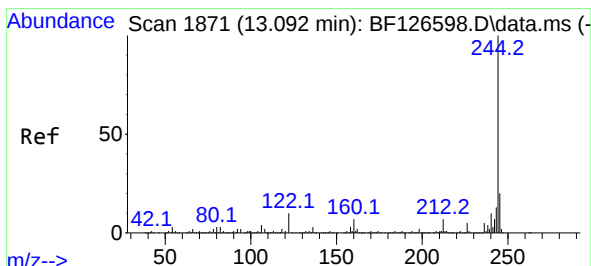
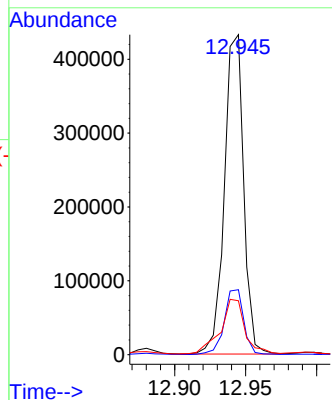
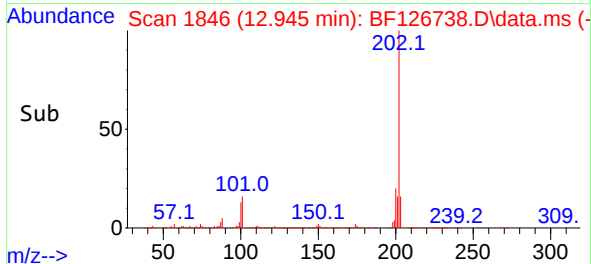
Instrument :
BNA_F
ClientSampleId :
OR-03-012722



Tgt Ion:202 Resp: 408220
Ion Ratio Lower Upper
202 100
200 20.3 16.6 24.8
203 16.8 13.8 20.8

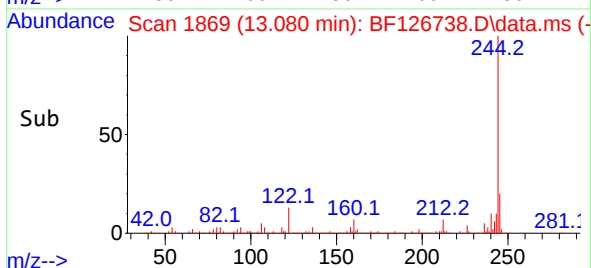
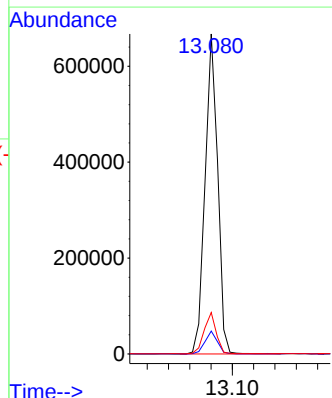
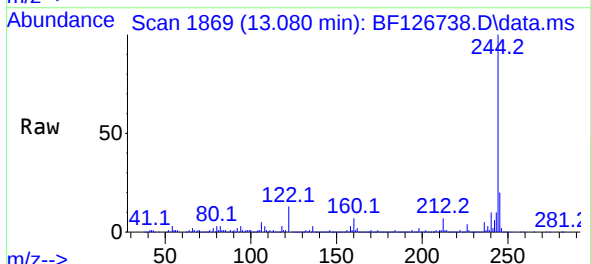
Manual Integrations
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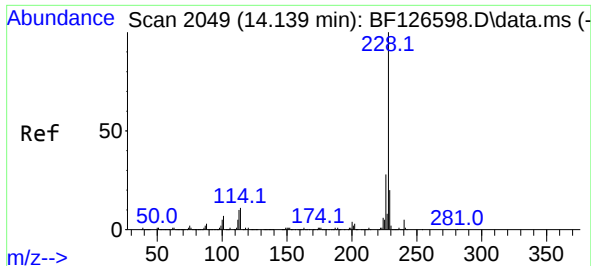
Reviewed By :Christian Giraldo 01/31/2022
Supervised By :Jagrut Upadhyay 01/31/2022



#79
Terphenyl-d14
Concen: 25.612 ng
RT: 13.080 min Scan# 1869
Delta R.T. -0.000 min
Lab File: BF126738.D
Acq: 29 Jan 2022 01:09

Tgt Ion:244 Resp: 550248
Ion Ratio Lower Upper
244 100
212 7.1 5.0 7.4
122 13.0 13.3 19.9





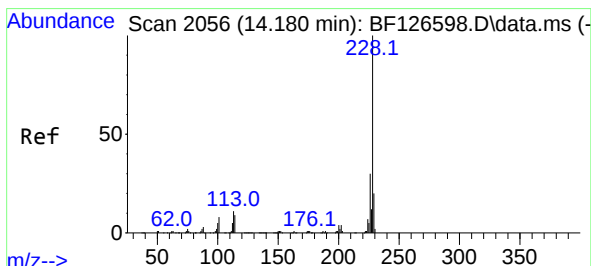
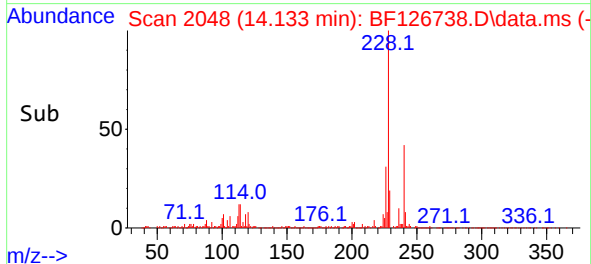
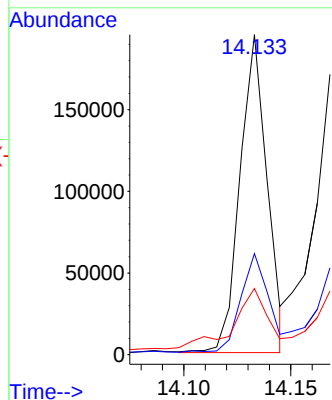
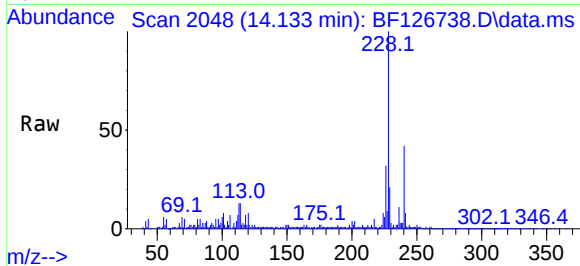
#81
Benzo(a)anthracene
Concen: 7.010 ng m
RT: 14.133 min Scan# 2049
Delta R.T. -0.000 min
Lab File: BF126738.D
Acq: 29 Jan 2022 01:09

Instrument :
BNA_F
ClientSampleId :
OR-03-012722

Tgt Ion:228 Resp: 171702
Ion Ratio Lower Upper
228 100
226 31.6 21.4 32.0
229 20.7 15.4 23.2

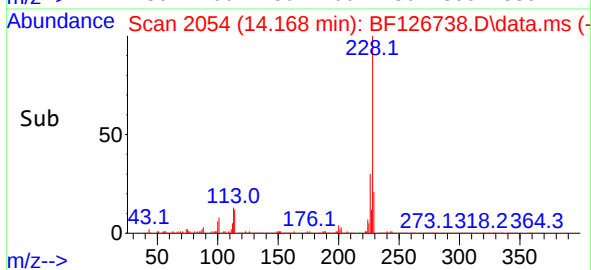
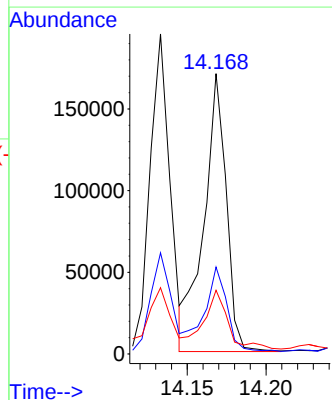
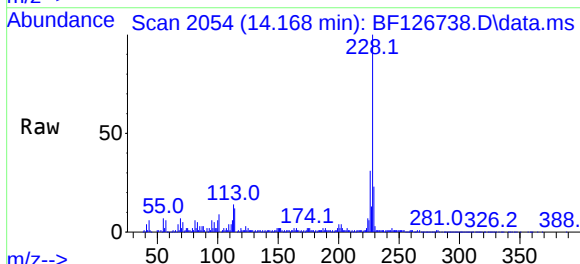
Manual Integrations
APPROVED

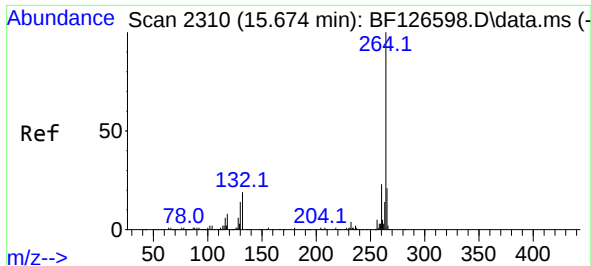
Reviewed By :Christian Giraldo 01/31/2022
Supervised By :Jagrut Upadhyay 01/31/2022



#83
Chrysene
Concen: 7.176 ng m
RT: 14.168 min Scan# 2054
Delta R.T. -0.000 min
Lab File: BF126738.D
Acq: 29 Jan 2022 01:09

Tgt Ion:228 Resp: 169121
Ion Ratio Lower Upper
228 100
226 31.0 23.7 35.5
229 22.7 15.5 23.3





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.668 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF126738.D
Acq: 29 Jan 2022 01:09

Instrument :

BNA_F

ClientSampleId :

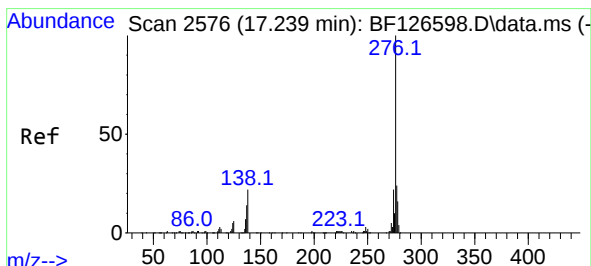
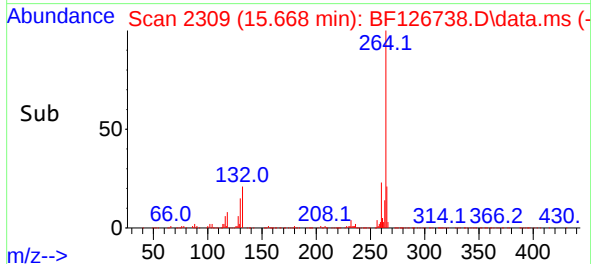
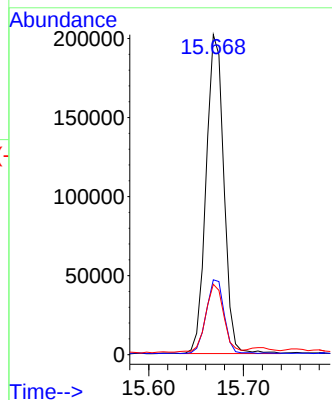
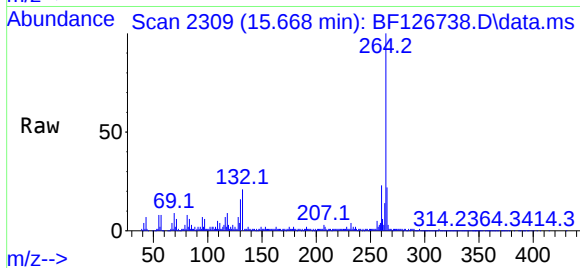
OR-03-012722

Tgt Ion:264 Resp: 262030
Ion Ratio Lower Upper
264 100
260 23.4 19.2 28.8
265 22.0 17.4 26.2

Manual Integrations

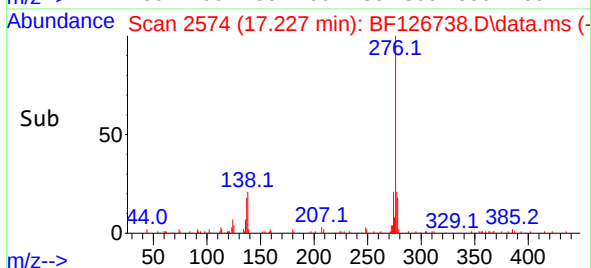
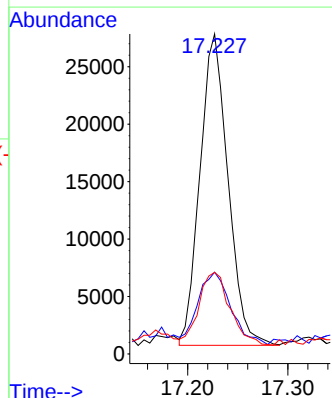
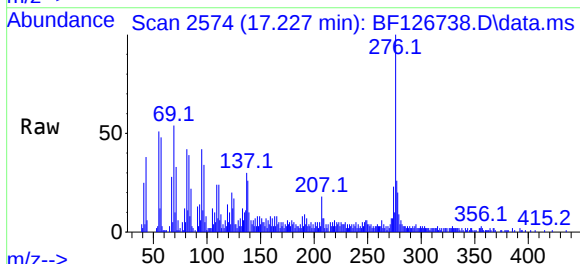
APPROVED

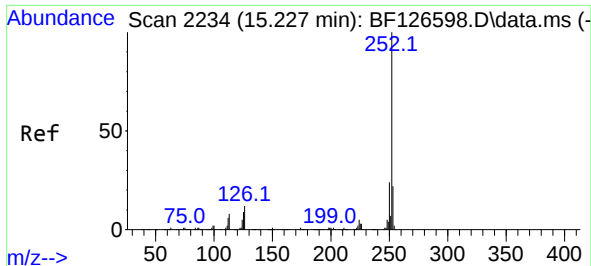
Reviewed By :Christian Giraldo 01/31/2022
Supervised By :Jagrut Upadhyay 01/31/2022



#87
Indeno(1,2,3-cd)pyrene
Concen: 3.254 ng m
RT: 17.227 min Scan# 2574
Delta R.T. 0.006 min
Lab File: BF126738.D
Acq: 29 Jan 2022 01:09

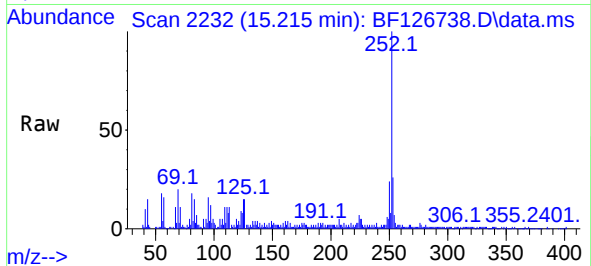
Tgt Ion:276 Resp: 52675
Ion Ratio Lower Upper
276 100
138 6.7 29.2 43.8#
277 4.4 19.8 29.8#





#88
Benzo(b)fluoranthene
Concen: 8.492 ng m
RT: 15.215 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF126738.D
Acq: 29 Jan 2022 01:09

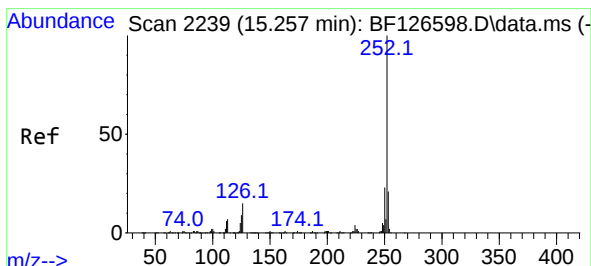
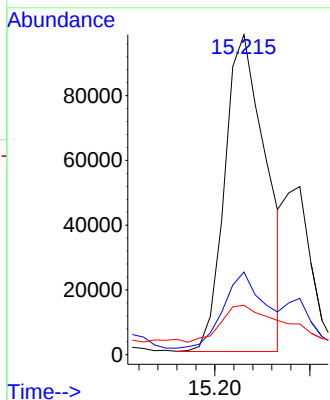
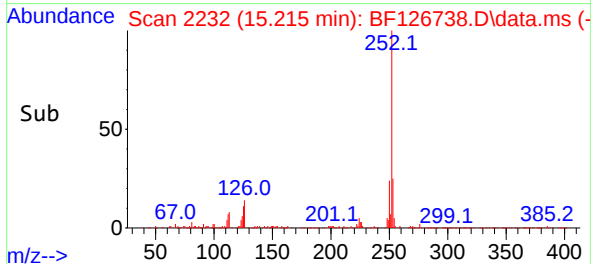
Instrument :
BNA_F
ClientSampleId :
OR-03-012722



Tgt Ion:252 Resp: 147558
Ion Ratio Lower Upper
252 100
253 25.9 17.8 26.8
125 15.5 12.4 18.6

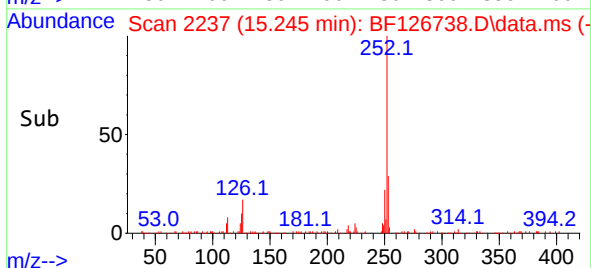
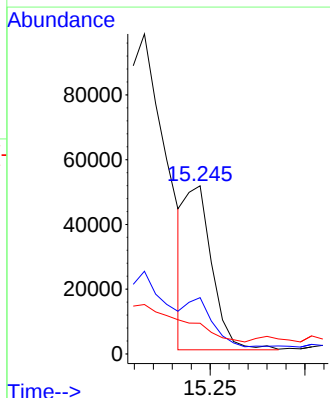
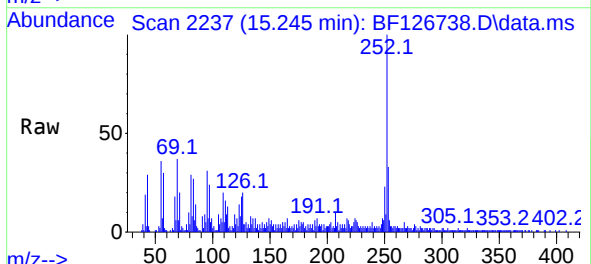
Manual Integrations
APPROVED

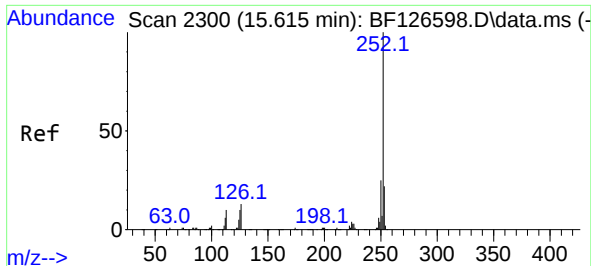
Reviewed By :Christian Giraldo 01/31/2022
Supervised By :Jagrut Upadhyay 01/31/2022



#89
Benzo(k)fluoranthene
Concen: 2.925 ng m
RT: 15.245 min Scan# 2237
Delta R.T. 0.006 min
Lab File: BF126738.D
Acq: 29 Jan 2022 01:09

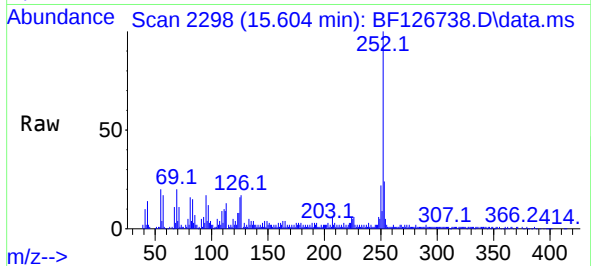
Tgt Ion:252 Resp: 49912
Ion Ratio Lower Upper
252 100
253 33.4 17.5 26.3#
125 18.2 11.8 17.6#





#90
Benzo(a)pyrene
Concen: 8.065 ng
RT: 15.604 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF126738.D
Acq: 29 Jan 2022 01:09

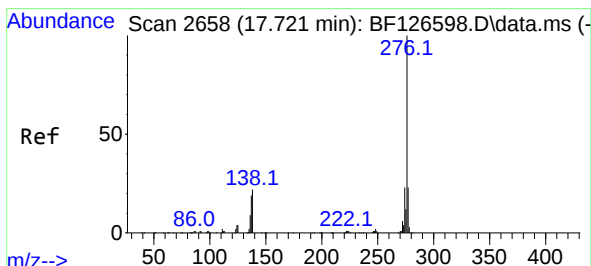
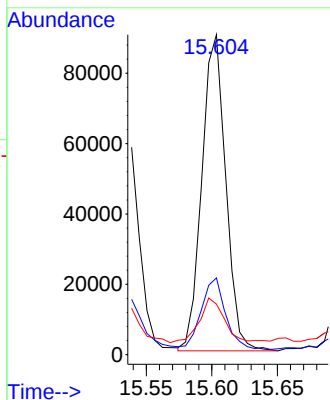
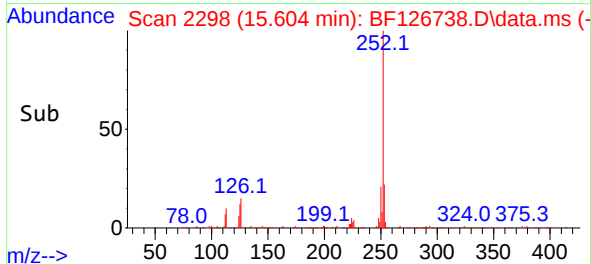
Instrument :
BNA_F
ClientSampleId :
OR-03-012722



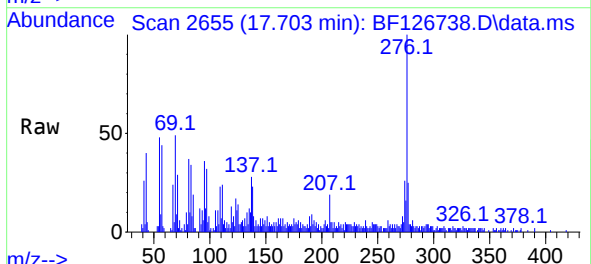
Tgt Ion: 252 Resp: 11402
Ion Ratio Lower Upper
252 100
253 24.0 17.1 25.7
125 15.8 13.0 19.6

Manual Integrations
APPROVED

Reviewed By : Christian Giraldo 01/31/2022
Supervised By : Jagrut Upadhyay 01/31/2022



#92
Benzo(g,h,i)perylene
Concen: 4.303 ng
RT: 17.703 min Scan# 2655
Delta R.T. 0.006 min
Lab File: BF126738.D
Acq: 29 Jan 2022 01:09



Tgt Ion: 276 Resp: 56585
Ion Ratio Lower Upper
276 100
277 25.2 18.5 27.7
138 23.2 25.9 38.9#

