

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122021\
 Data File : BF126274.D
 Acq On : 20 Dec 2021 13:00
 Operator : JU/CG
 Sample : M5168-05RE
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-01-C

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 12/21/2021
 Supervised By : Jagrut Upadhyay 12/21/2021

Quant Time: Dec 20 14:29:17 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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.816	152	170767	20.000	ng	0.00
21) Naphthalene-d8	8.098	136	693327	20.000	ng	# 0.00
39) Acenaphthene-d10	9.851	164	311968	20.000	ng	0.00
64) Phenanthrene-d10	11.333	188	444831	20.000	ng	# 0.00
76) Chrysene-d12	13.968	240	257296	20.000	ng	# 0.00
86) Perylene-d12	15.415	264	251066	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	740825	63.887	ng	0.00
7) Phenol-d6	6.439	99	1401122	95.160	ng	0.00
23) Nitrobenzene-d5	7.375	82	956010	74.679	ng	0.00
42) 2,4,6-Tribromophenol	10.639	330	124660	49.722	ng	0.00
45) 2-Fluorobiphenyl	9.175	172	1288439	72.436	ng	0.00
79) Terphenyl-d14	12.921	244	853478	57.655	ng	0.00
Target Compounds						Qvalue
52) Acenaphthene	9.880	154	37838	2.200	ng	97
71) Phenanthrene	11.357	178	588986	25.654	ng	98
72) Anthracene	11.410	178	77389	3.358	ng	99
75) Fluoranthene	12.545	202	217926	10.535	ng	93
78) Pyrene	12.774	202	329784	13.951	ng	99
81) Benzo(a)anthracene	13.957	228	90763	5.955	ng	99
83) Chrysene	13.992	228	86242	5.446	ng	99
88) Benzo(b)fluoranthene	14.998	252	56661m	3.756	ng	
90) Benzo(a)pyrene	15.351	252	48282	3.851	ng	# 93

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

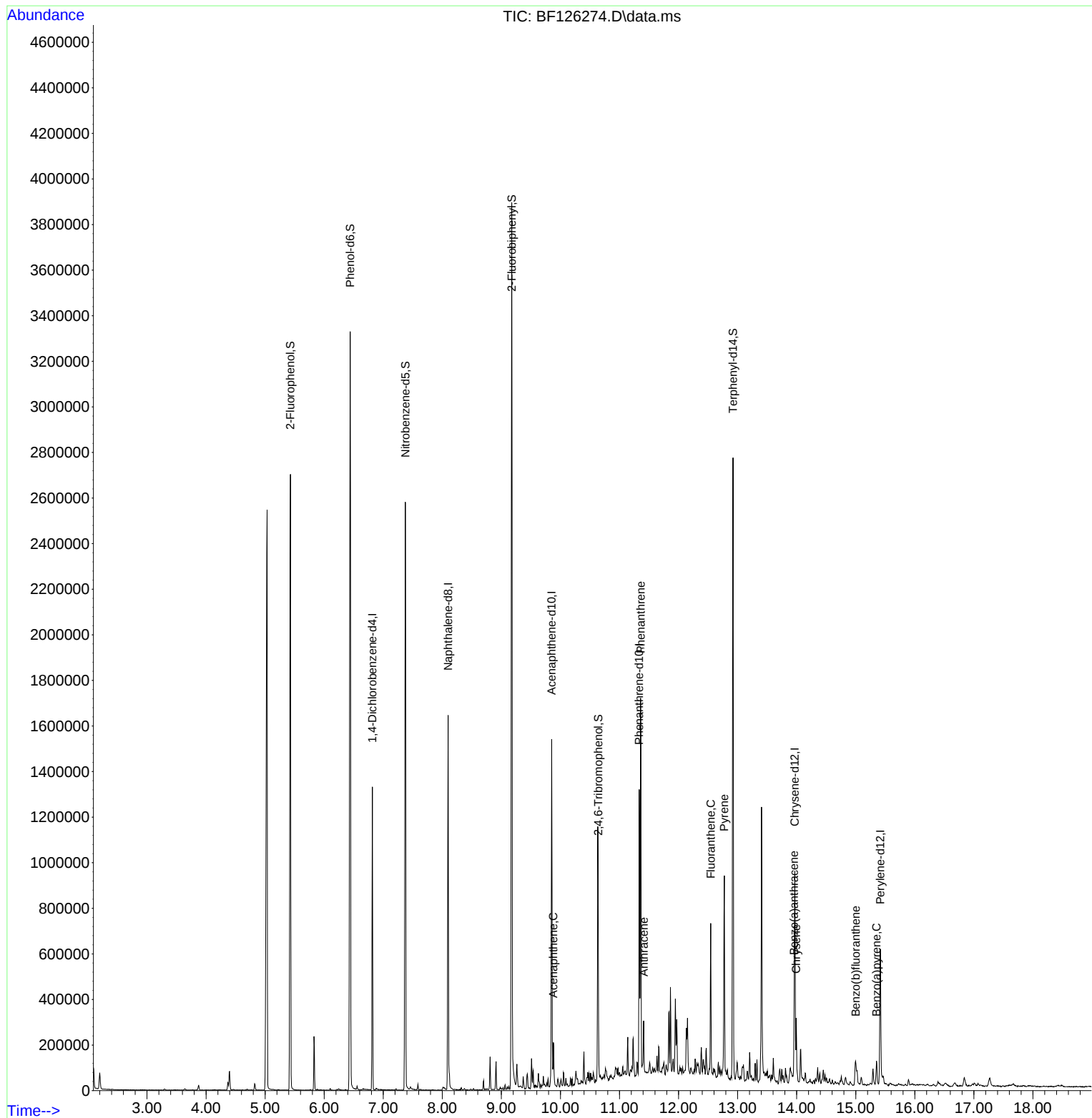
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122021\
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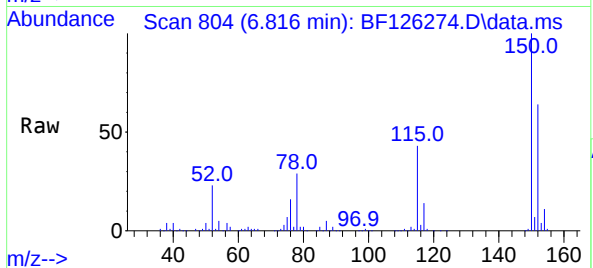
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.816 min Scan# 804
Delta R.T. -0.000 min
Lab File: BF126274.D
Acq: 20 Dec 2021 13:00

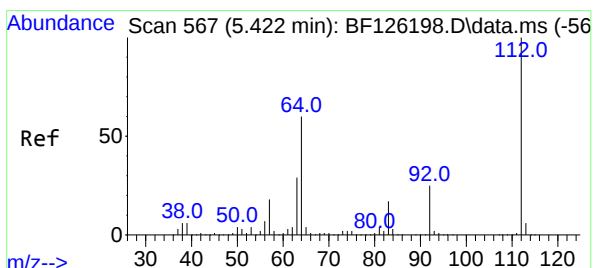
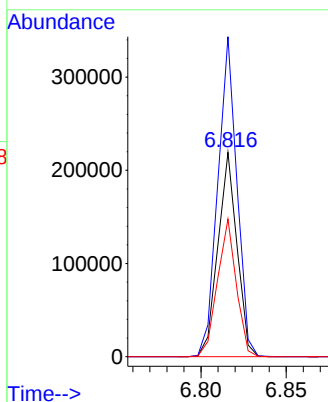
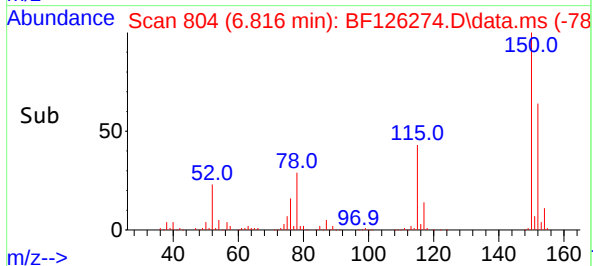
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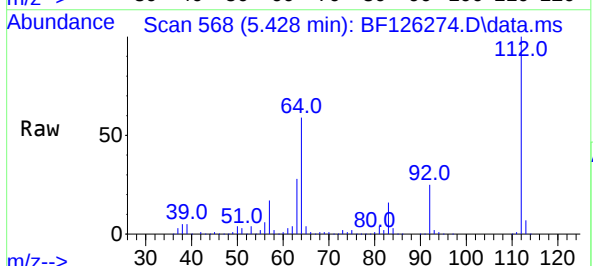
Tgt Ion:152 Resp: 17076
Ion Ratio Lower Upper
152 100
150 156.6 117.6 176.4
115 67.3 47.1 70.7

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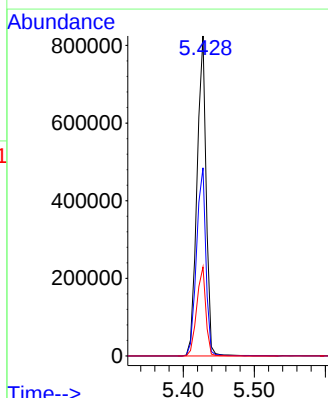
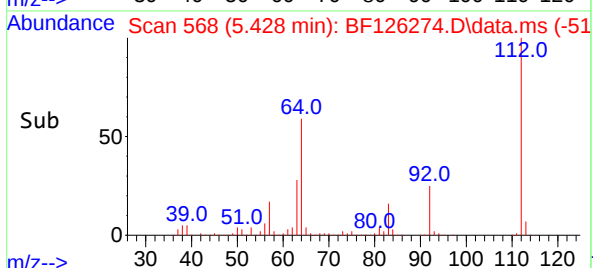
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Supervised By :Jagrut Upadhyay 12/21/2021

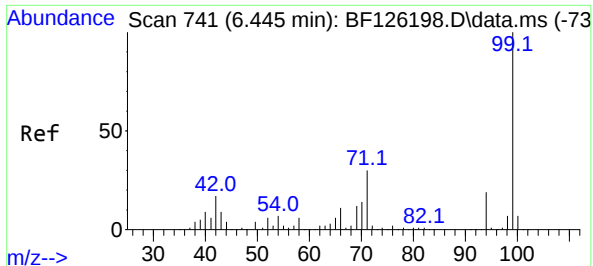


#5
2-Fluorophenol
Concen: 63.887 ng
RT: 5.428 min Scan# 568
Delta R.T. 0.006 min
Lab File: BF126274.D
Acq: 20 Dec 2021 13:00



Tgt Ion:112 Resp: 740825
Ion Ratio Lower Upper
112 100
64 58.8 44.2 66.2
63 27.8 26.2 39.2





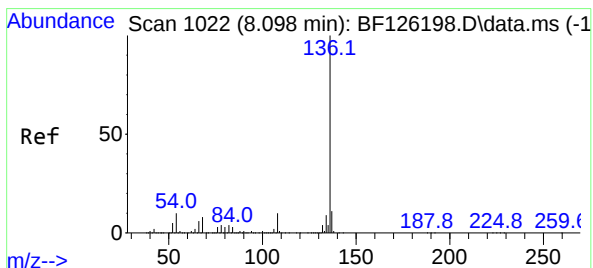
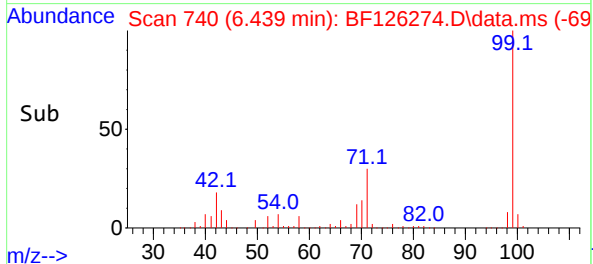
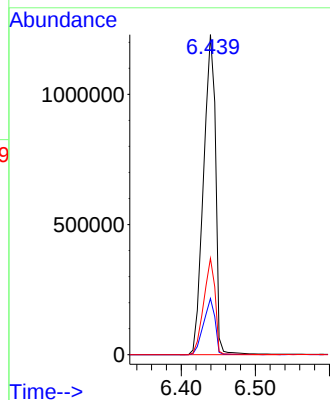
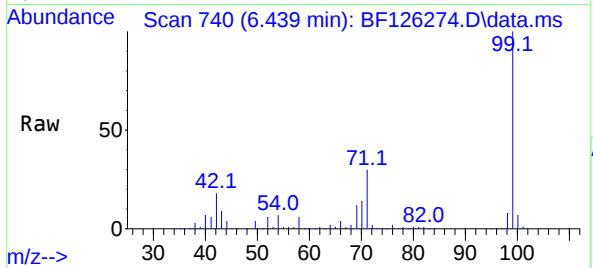
#7
Phenol-d6
Concen: 95.160 ng
RT: 6.439 min Scan# 741
Delta R.T. -0.006 min
Lab File: BF126274.D
Acq: 20 Dec 2021 13:00

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Tgt Ion: 99 Resp: 140112
Ion Ratio Lower Upper
99 100
42 17.6 23.5 35.3
71 30.1 25.6 38.4

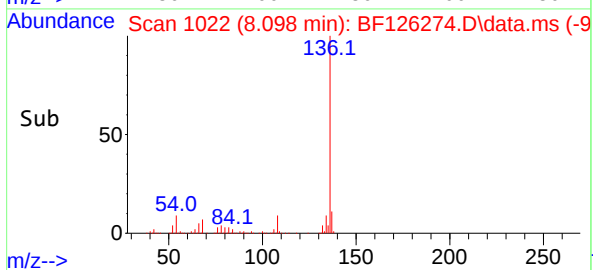
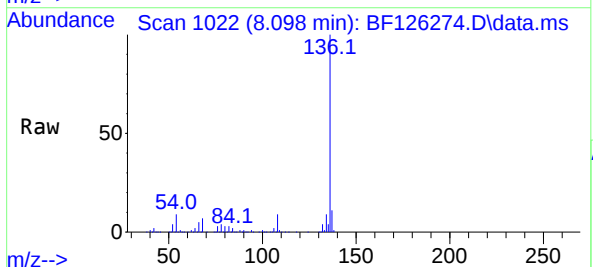
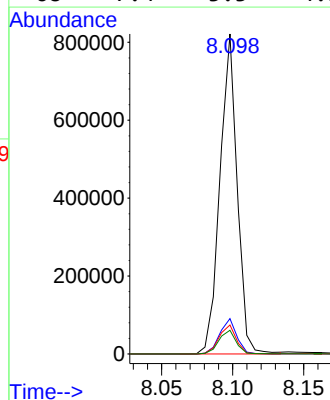
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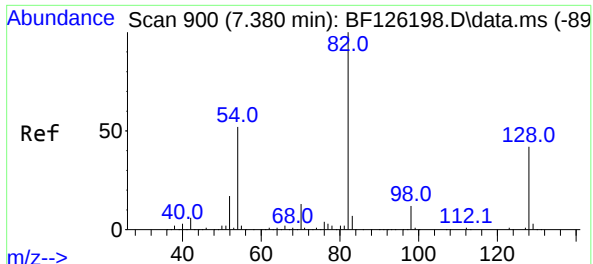
Reviewed By :Christian Giraldo 12/21/2021
Supervised By :Jagrut Upadhyay 12/21/2021



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.098 min Scan# 1022
Delta R.T. 0.000 min
Lab File: BF126274.D
Acq: 20 Dec 2021 13:00

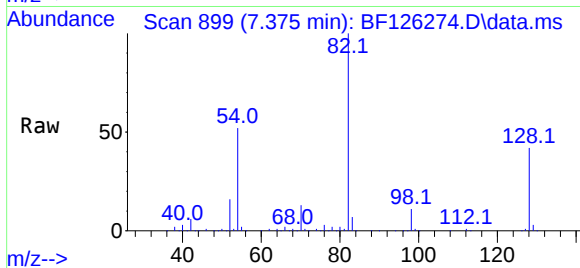
Tgt Ion:136 Resp: 693327
Ion Ratio Lower Upper
136 100
137 11.1 9.8 14.6
54 9.0 6.4 9.6
68 7.4 3.3 4.9





#23
Nitrobenzene-d5
Concen: 74.679 ng
RT: 7.375 min Scan# 89
Delta R.T. -0.006 min
Lab File: BF126274.D
Acq: 20 Dec 2021 13:00

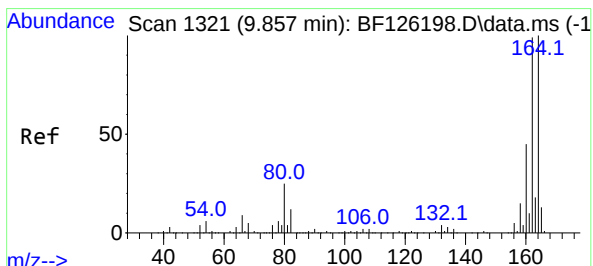
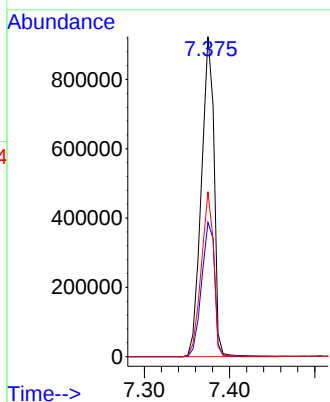
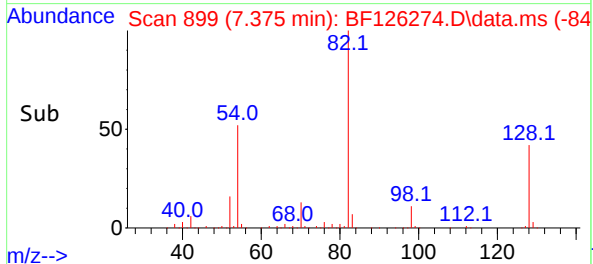
Instrument :
BNA_F
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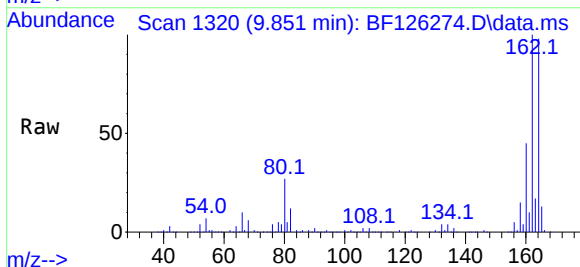
Tgt Ion: 82 Resp: 956010
Ion Ratio Lower Upper
82 100
128 41.9 40.6 60.8
54 51.5 49.6 74.4

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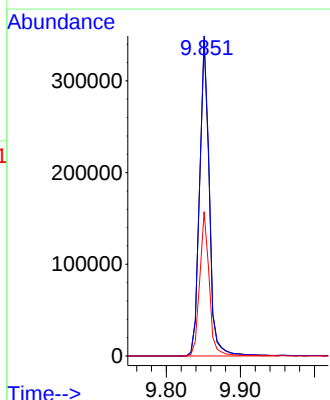
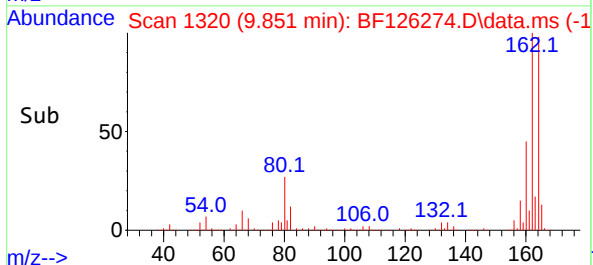
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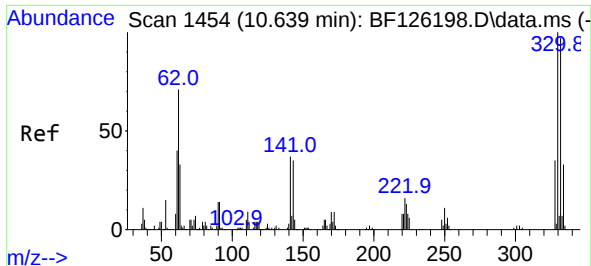


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.851 min Scan# 1320
Delta R.T. -0.006 min
Lab File: BF126274.D
Acq: 20 Dec 2021 13:00



Tgt Ion:164 Resp: 311968
Ion Ratio Lower Upper
164 100
162 101.7 81.3 121.9
160 45.9 38.0 57.0





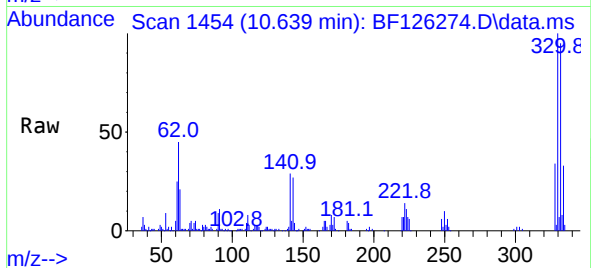
#42
2,4,6-Tribromophenol
Concen: 49.722 ng
RT: 10.639 min Scan# 1454
Delta R.T. 0.000 min
Lab File: BF126274.D
Acq: 20 Dec 2021 13:00

Instrument :

BNA_F

ClientSampleId :

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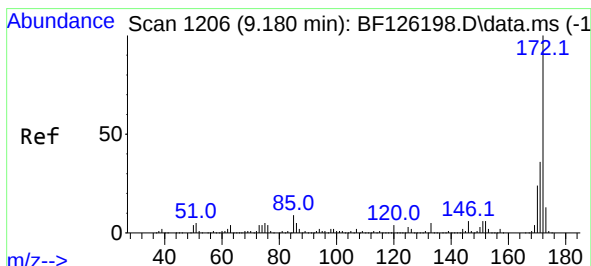
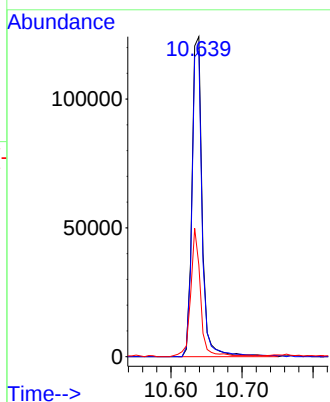
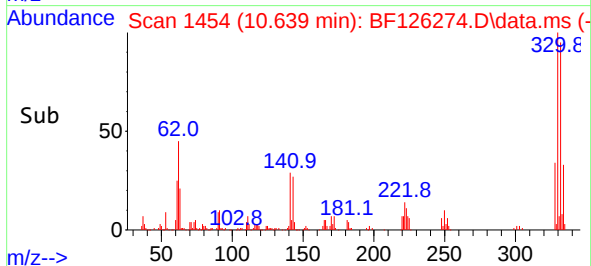


Tgt Ion: 330 Resp: 124660
Ion Ratio Lower Upper
330 100
332 96.1 76.2 114.4
141 38.2 44.6 66.8

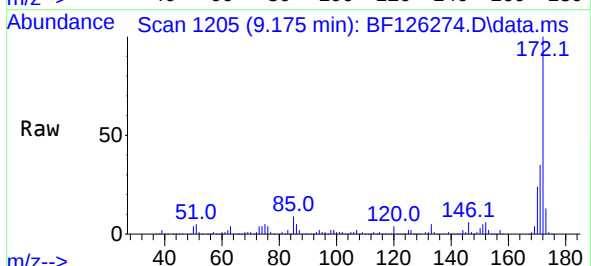
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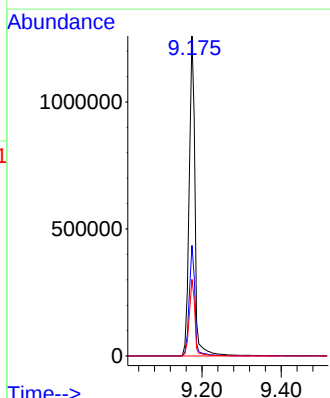
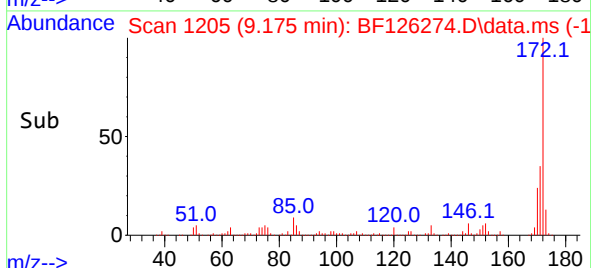
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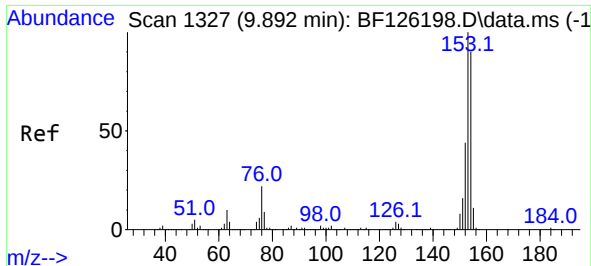


#45
2-Fluorobiphenyl
Concen: 72.436 ng
RT: 9.175 min Scan# 1205
Delta R.T. -0.006 min
Lab File: BF126274.D
Acq: 20 Dec 2021 13:00



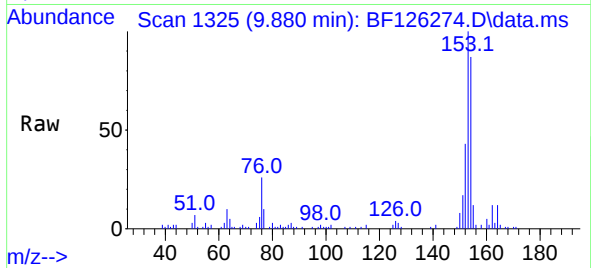
Tgt Ion: 172 Resp: 1288439
Ion Ratio Lower Upper
172 100
171 34.6 26.5 39.7
170 23.9 18.8 28.2





#52
Acenaphthene
Concen: 2.200 ng
RT: 9.880 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF126274.D
Acq: 20 Dec 2021 13:00

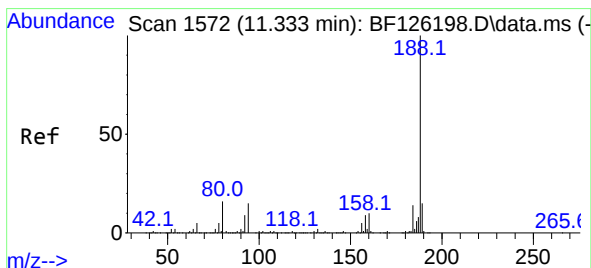
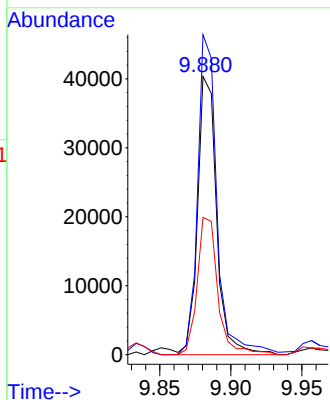
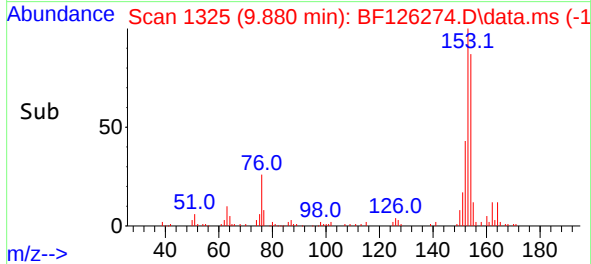
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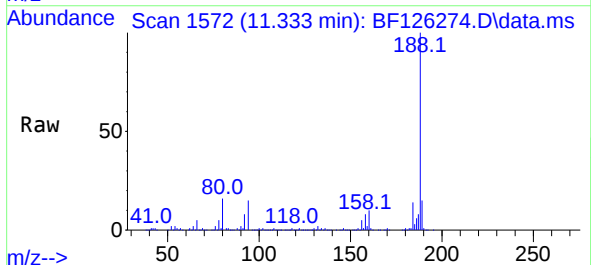
Tgt Ion:154 Resp: 37838
Ion Ratio Lower Upper
154 100
153 115.0 89.4 134.2
152 49.3 40.5 60.7

Manual Integrations
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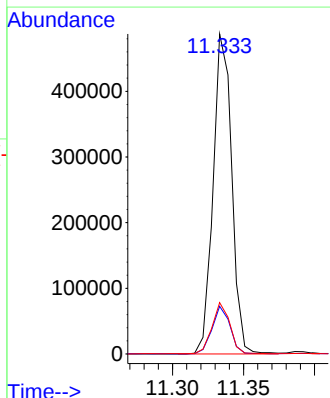
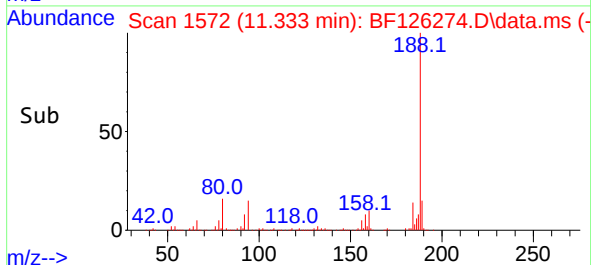
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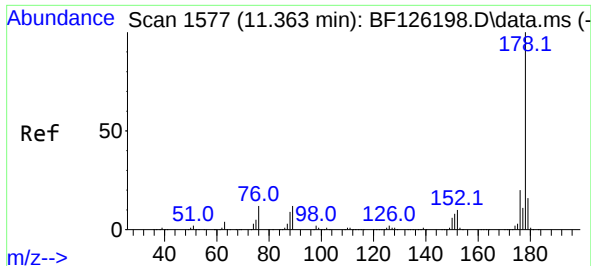


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.333 min Scan# 1572
Delta R.T. 0.000 min
Lab File: BF126274.D
Acq: 20 Dec 2021 13:00



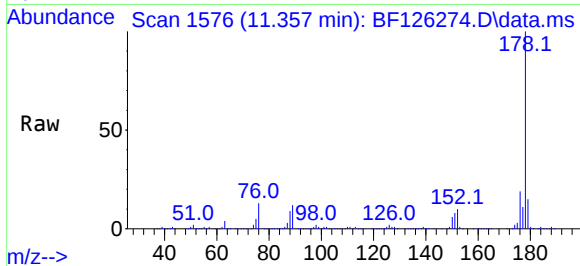
Tgt Ion:188 Resp: 444831
Ion Ratio Lower Upper
188 100
94 14.9 6.7 10.1#
80 16.1 7.5 11.3#





#71
Phenanthrene
Concen: 25.654 ng
RT: 11.357 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF126274.D
Acq: 20 Dec 2021 13:00

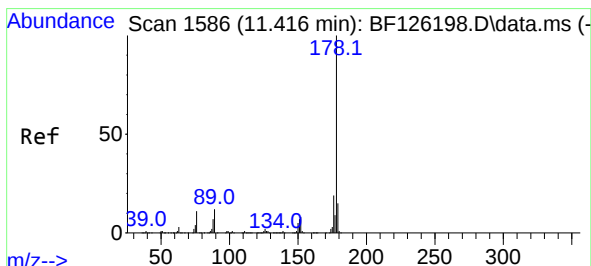
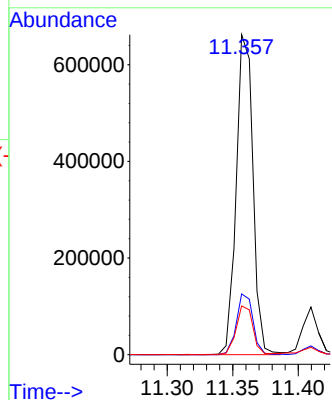
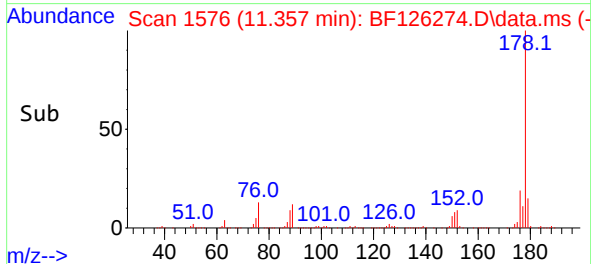
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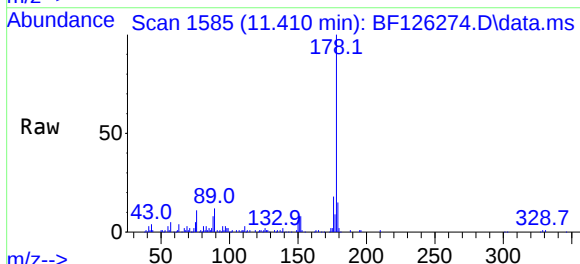
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Ion Ratio Lower Upper
178 100
176 19.0 14.7 22.1
179 15.2 11.5 17.3

Manual Integrations
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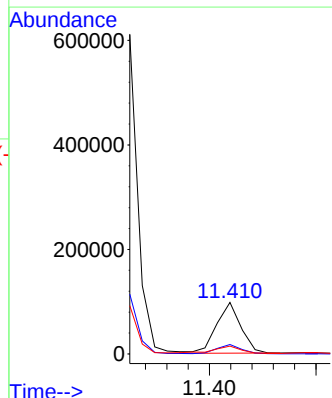
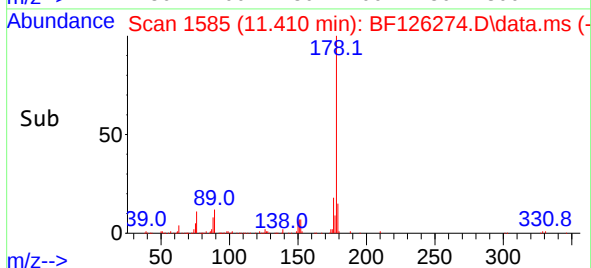
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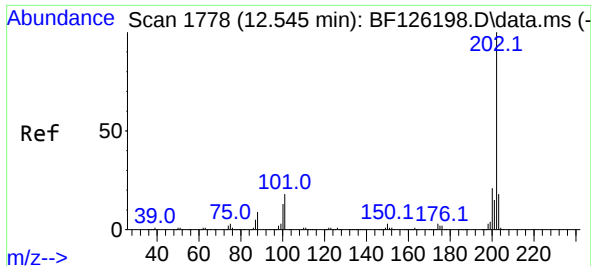


#72
Anthracene
Concen: 3.358 ng
RT: 11.410 min Scan# 1585
Delta R.T. -0.006 min
Lab File: BF126274.D
Acq: 20 Dec 2021 13:00



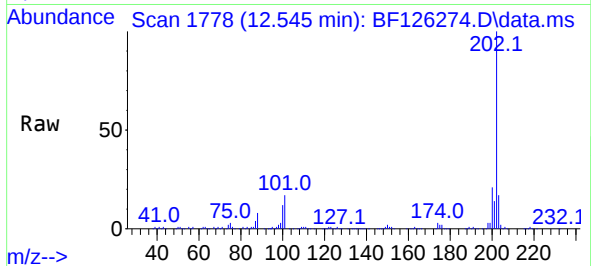
Tgt Ion:178 Resp: 77389
Ion Ratio Lower Upper
178 100
176 18.4 14.3 21.5
179 15.3 12.2 18.4





#75
Fluoranthene
Concen: 10.535 ng
RT: 12.545 min Scan# 1778
Delta R.T. 0.000 min
Lab File: BF126274.D
Acq: 20 Dec 2021 13:00

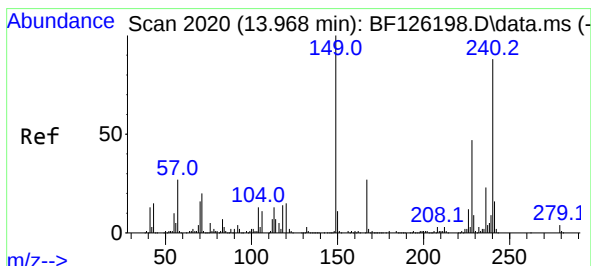
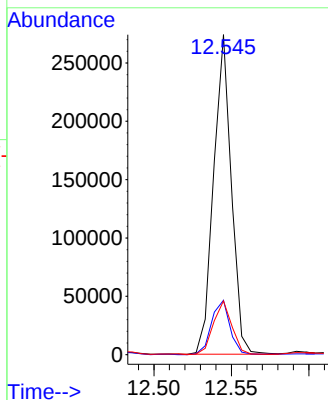
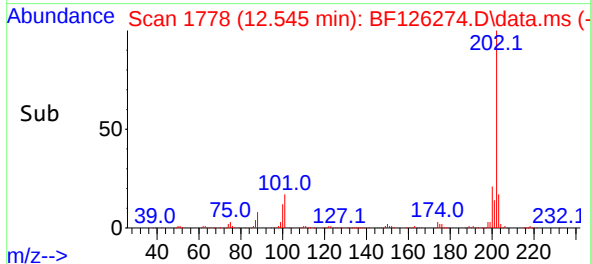
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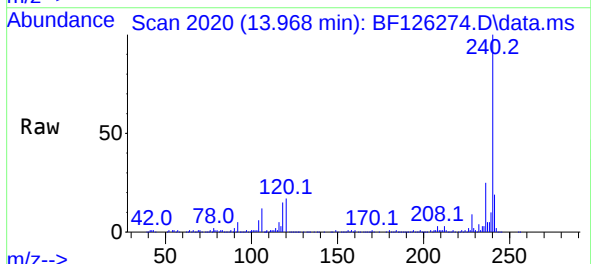
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Ion Ratio Lower Upper
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101 17.0 0.0 30.7
203 16.8 0.0 36.3

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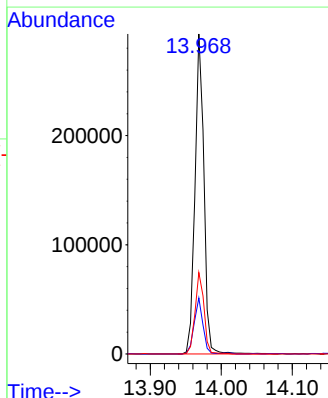
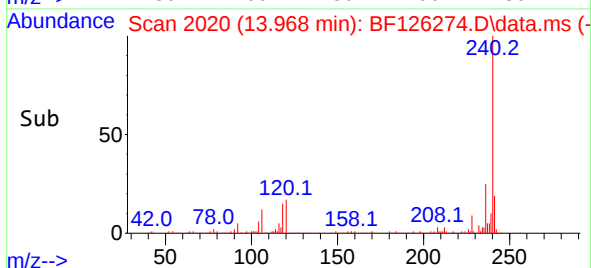
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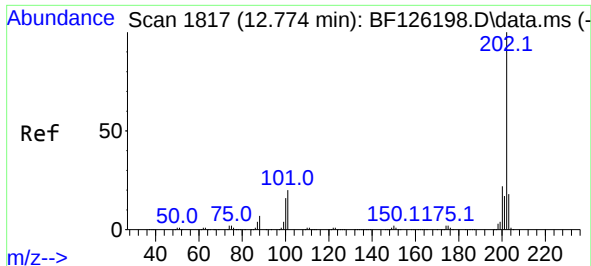


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.968 min Scan# 2020
Delta R.T. 0.000 min
Lab File: BF126274.D
Acq: 20 Dec 2021 13:00



Tgt Ion:240 Resp: 257296
Ion Ratio Lower Upper
240 100
120 17.5 10.8 16.2#
236 25.4 21.6 32.4





#78
Pyrene
Concen: 13.951 ng
RT: 12.774 min Scan# 1817
Delta R.T. 0.000 min
Lab File: BF126274.D
Acq: 20 Dec 2021 13:00

Instrument :

BNA_F

ClientSampleId :

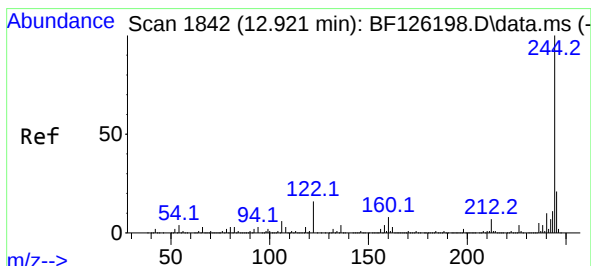
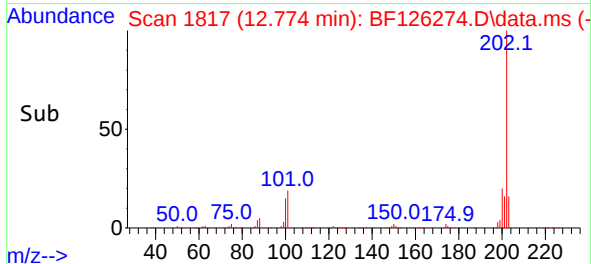
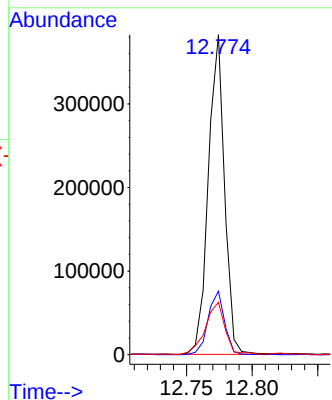
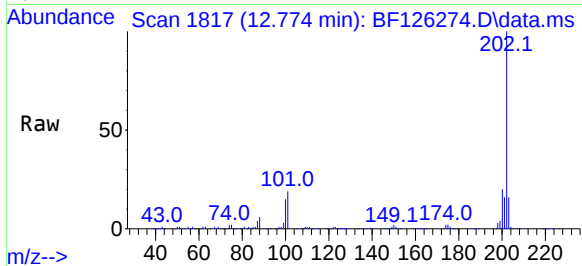
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Tgt Ion:202 Resp: 329784
Ion Ratio Lower Upper
202 100
200 19.8 15.3 22.9
203 16.4 13.4 20.0

Manual Integrations

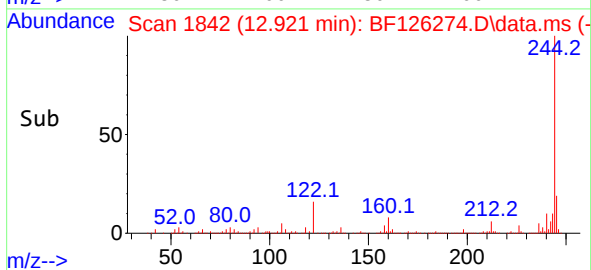
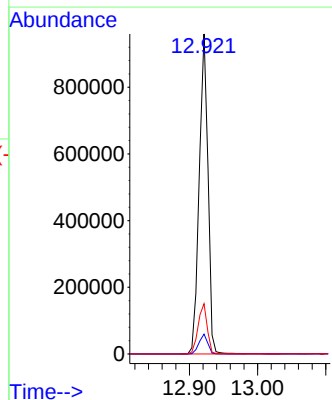
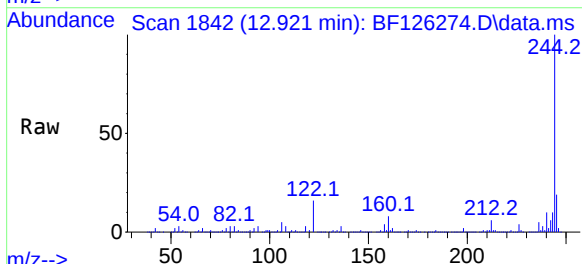
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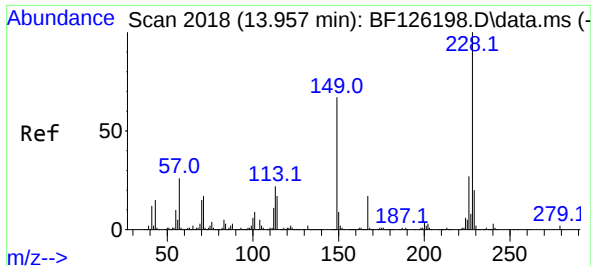
Reviewed By :Christian Giraldo 12/21/2021
Supervised By :Jagrut Upadhyay 12/21/2021



#79
Terphenyl-d14
Concen: 57.655 ng
RT: 12.921 min Scan# 1842
Delta R.T. 0.000 min
Lab File: BF126274.D
Acq: 20 Dec 2021 13:00

Tgt Ion:244 Resp: 853478
Ion Ratio Lower Upper
244 100
212 6.2 5.9 8.9
122 15.7 9.0 13.4#





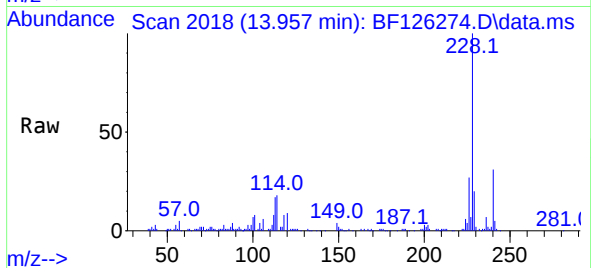
#81
Benzo(a)anthracene
Concen: 5.955 ng
RT: 13.957 min Scan# 2018
Delta R.T. 0.000 min
Lab File: BF126274.D
Acq: 20 Dec 2021 13:00

Instrument :

BNA_F

ClientSampleId :

SB-01-C

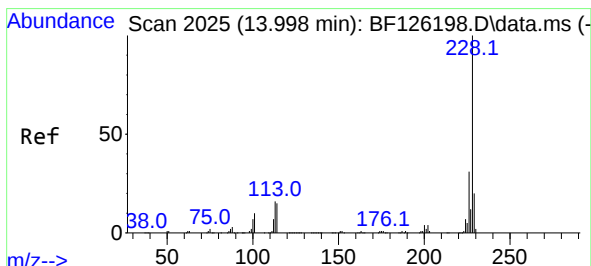
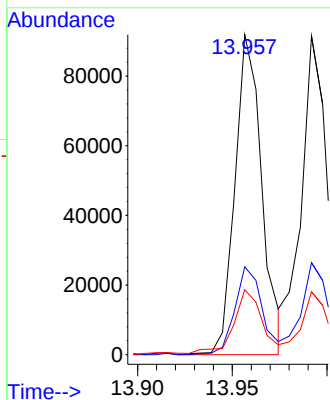
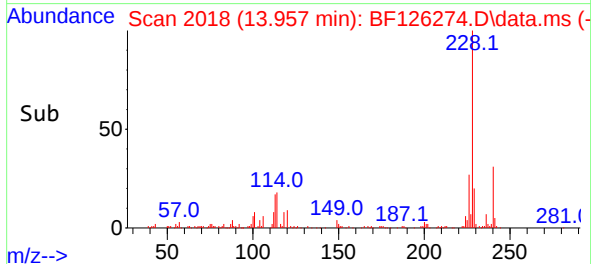


Tgt Ion:228 Resp: 9076
Ion Ratio Lower Upper
228 100
226 27.5 21.6 32.4
229 20.3 15.6 23.4

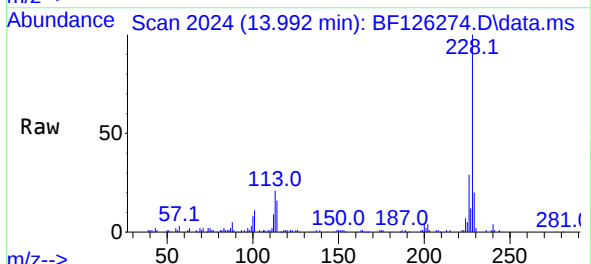
Manual Integrations

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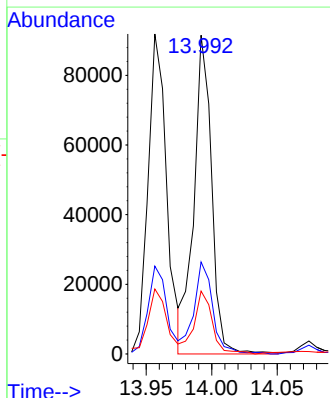
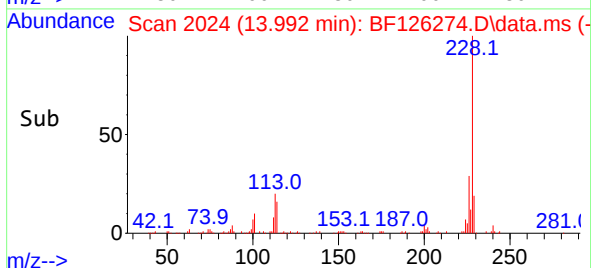
Reviewed By :Christian Giraldo 12/21/2021
Supervised By :Jagrut Upadhyay 12/21/2021

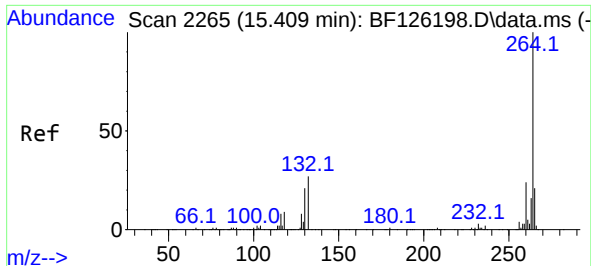


#83
Chrysene
Concen: 5.446 ng
RT: 13.992 min Scan# 2024
Delta R.T. -0.006 min
Lab File: BF126274.D
Acq: 20 Dec 2021 13:00



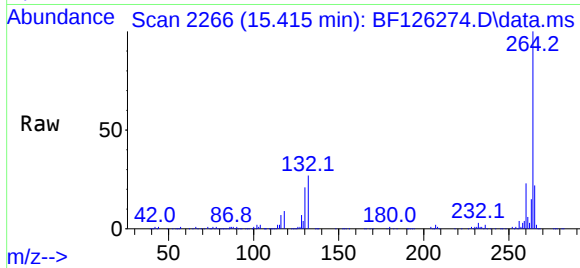
Tgt Ion:228 Resp: 86242
Ion Ratio Lower Upper
228 100
226 28.9 22.6 34.0
229 19.8 15.9 23.9





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.415 min Scan# 2195
 Delta R.T. 0.006 min
 Lab File: BF126274.D
 Acq: 20 Dec 2021 13:00

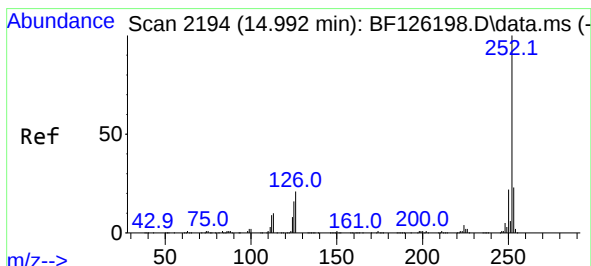
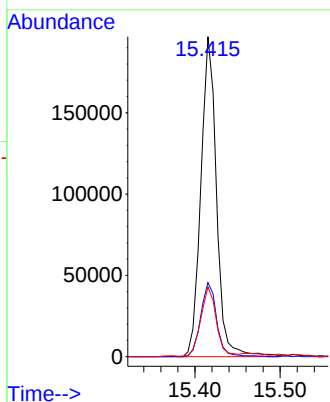
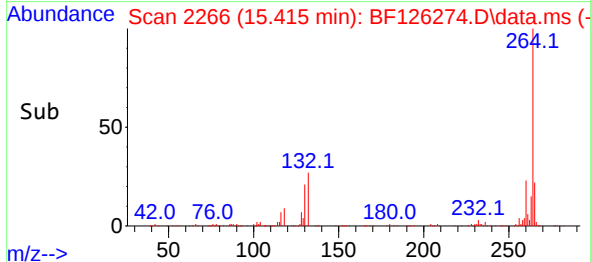
Instrument :
 BNA_F
 ClientSampleId :
 SB-01-C



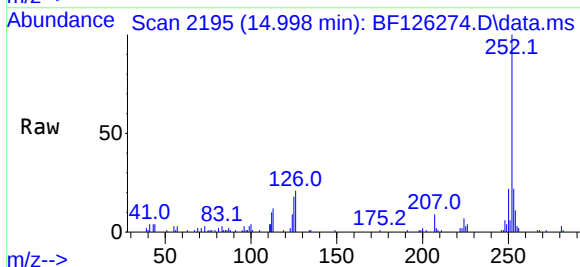
Tgt Ion:264 Resp: 251060
 Ion Ratio Lower Upper
 264 100
 260 23.1 19.6 29.4
 265 21.8 17.2 25.8

Manual Integrations
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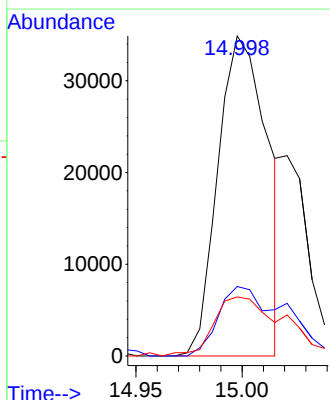
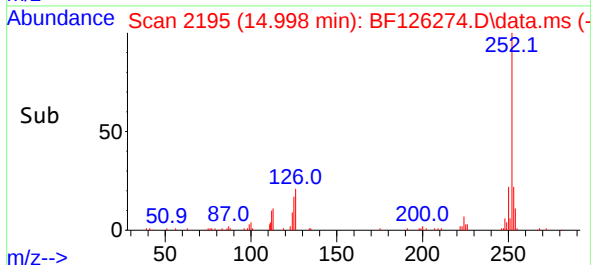
Reviewed By :Christian Giraldo 12/21/2021
 Supervised By :Jagrut Upadhyay 12/21/2021

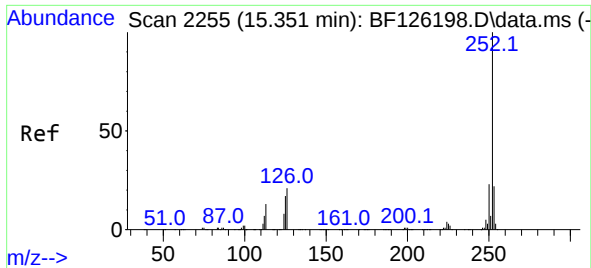


#88
 Benzo(b)fluoranthene
 Concen: 3.756 ng m
 RT: 14.998 min Scan# 2195
 Delta R.T. 0.006 min
 Lab File: BF126274.D
 Acq: 20 Dec 2021 13:00



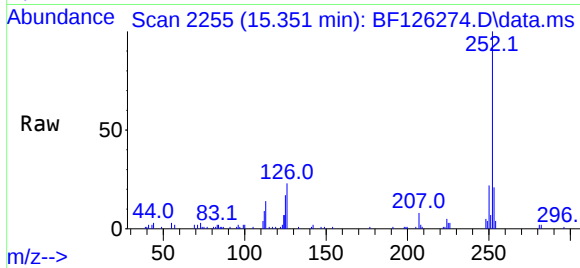
Tgt Ion:252 Resp: 56661
 Ion Ratio Lower Upper
 252 100
 253 21.7 16.8 25.2
 125 18.4 9.8 14.8#





#90
Benzo(a)pyrene
Concen: 3.851 ng
RT: 15.351 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF126274.D
Acq: 20 Dec 2021 13:00

Instrument :
BNA_F
ClientSampleId :
SB-01-C



Tgt Ion:252 Resp: 4828
Ion Ratio Lower Upper
252 100
253 21.0 18.4 27.6
125 17.1 9.9 14.9

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 12/21/2021
Supervised By :Jagrut Upadhyay 12/21/2021

