

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF033122\
 Data File : BF127603.D
 Acq On : 31 Mar 2022 14:38
 Operator : CG\JU
 Sample : N2195-05
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-3-1-5FT

Quant Time: Apr 01 05:34:05 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF032122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 29 07:13:31 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 04/01/2022
 Supervised By : Jagrut Upadhyay 04/01/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.833	152	85086	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	300040	20.000	ng	0.00
39) Acenaphthene-d10	9.869	164	164293	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	282366	20.000	ng	0.00
76) Chrysene-d12	14.015	240	240134	20.000	ng	0.00
86) Perylene-d12	15.498	264	228665	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.463	112	434326	81.480	ng	0.00
7) Phenol-d6	6.475	99	598806	82.182	ng	0.00
23) Nitrobenzene-d5	7.398	82	405728	57.803	ng	-0.01
42) 2,4,6-Tribromophenol	10.663	330	132869	75.919	ng	0.00
45) 2-Fluorobiphenyl	9.186	172	680890	60.517	ng	0.00
79) Terphenyl-d14	12.945	244	701400	47.815	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	11.386	178	86910	5.904	ng	99
75) Fluoranthene	12.580	202	168736	10.421	ng	97
78) Pyrene	12.815	202	168886	8.195	ng	97
81) Benzo(a)anthracene	14.004	228	76441	4.760	ng	99
83) Chrysene	14.039	228	84945	5.586	ng	98
84) Bis(2-ethylhexyl)phtha...	13.968	149	15873	2.024	ng	98
87) Indeno(1,2,3-cd)pyrene	17.021	276	41008	2.650	ng	98
88) Benzo(b)fluoranthene	15.068	252	95154m	6.600	ng	
89) Benzo(k)fluoranthene	15.092	252	32442m	2.171	ng	
90) Benzo(a)pyrene	15.439	252	64354	5.439	ng	# 94
92) Benzo(g,h,i)perylene	17.480	276	42004	3.181	ng	98

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

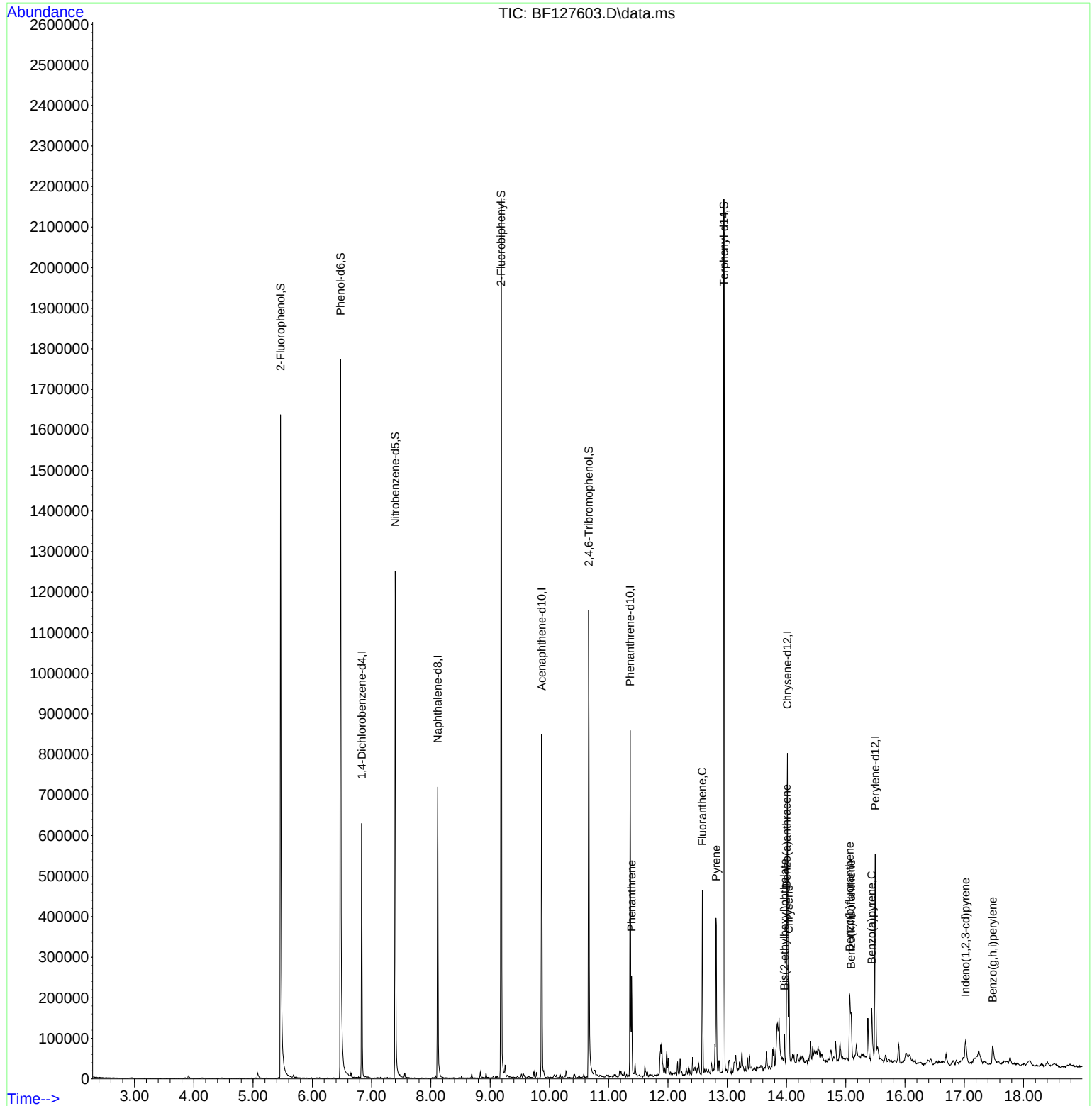
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF033122\
Data File : BF127603.D
Acq On : 31 Mar 2022 14:38
Operator : CG\JU
Sample : N2195-05
Misc :
ALS Vial : 9 Sample Multiplier: 1

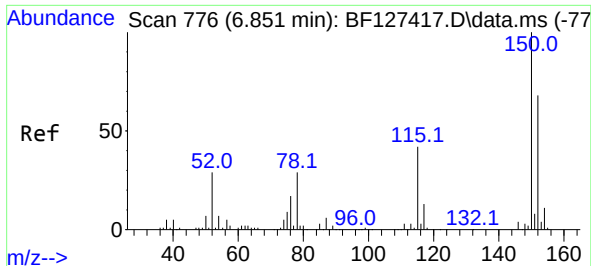
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF032122.M
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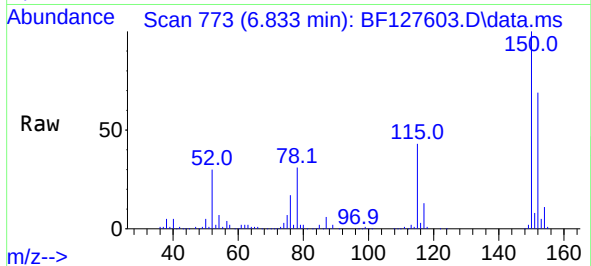
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Supervised By :Jagrut Upadhyay 04/01/2022





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.833 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF127603.D
Acq: 31 Mar 2022 14:38

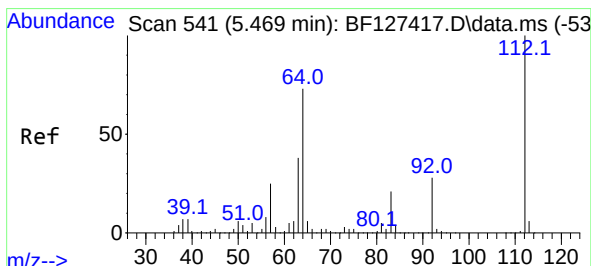
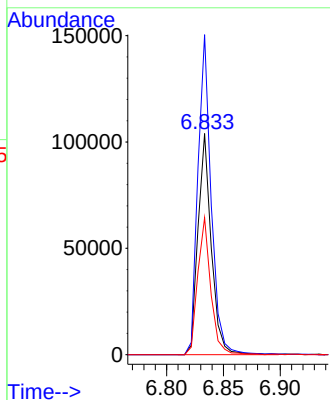
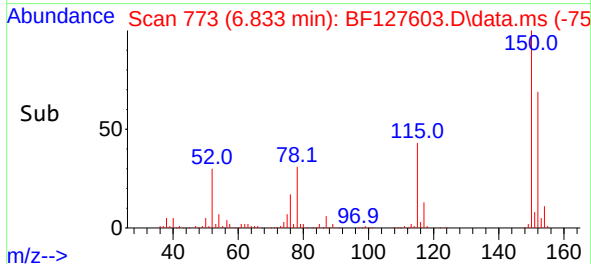
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ClientSampleId :
TP-3-1-5FT



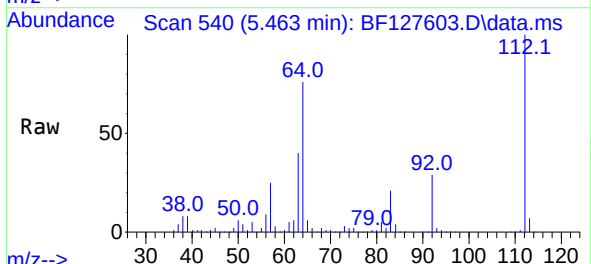
Tgt Ion:152 Resp: 85080
Ion Ratio Lower Upper
152 100
150 144.8 117.2 175.8
115 62.0 49.8 74.6

Manual Integrations
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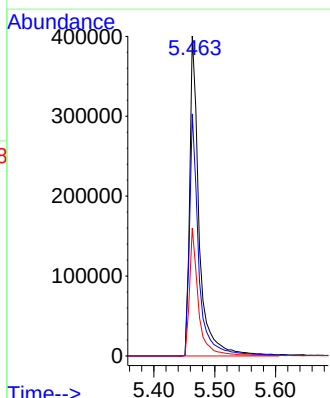
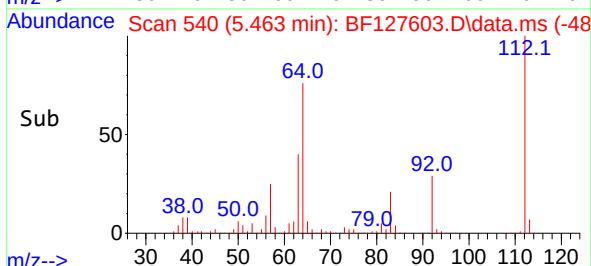
Reviewed By :Christian Giraldo 04/01/2022
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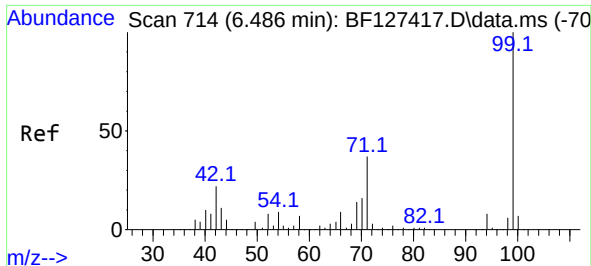


#5
2-Fluorophenol
Concen: 81.480 ng
RT: 5.463 min Scan# 540
Delta R.T. 0.006 min
Lab File: BF127603.D
Acq: 31 Mar 2022 14:38



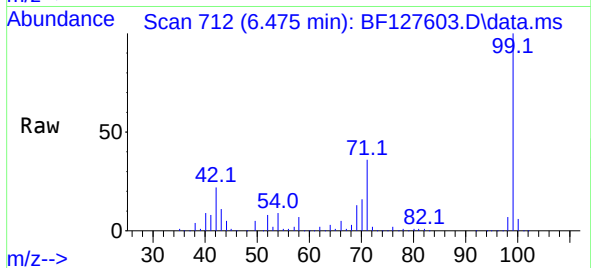
Tgt Ion:112 Resp: 434326
Ion Ratio Lower Upper
112 100
64 75.7 58.4 87.6
63 40.0 30.1 45.1





#7
Phenol-d6
Concen: 82.182 ng
RT: 6.475 min Scan# 714
Delta R.T. -0.006 min
Lab File: BF127603.D
Acq: 31 Mar 2022 14:38

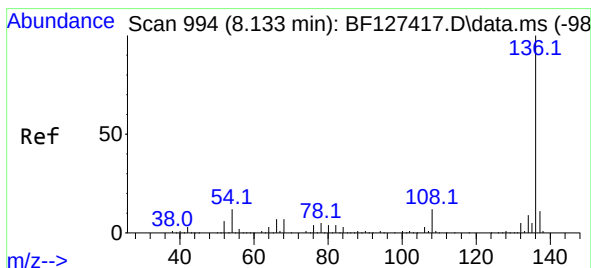
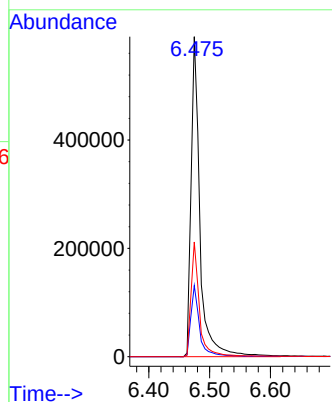
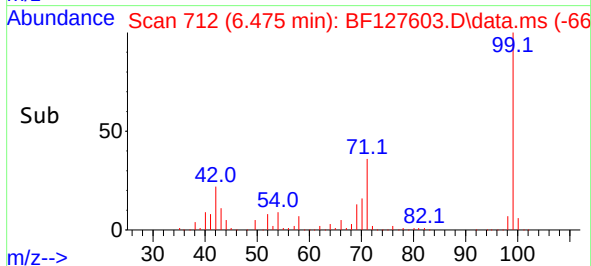
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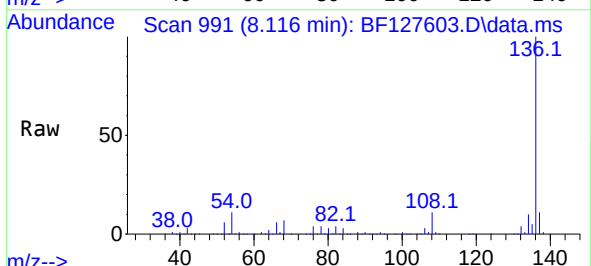
Tgt Ion: 99 Resp: 598800
Ion Ratio Lower Upper
99 100
42 22.2 17.8 26.6
71 35.9 29.6 44.4

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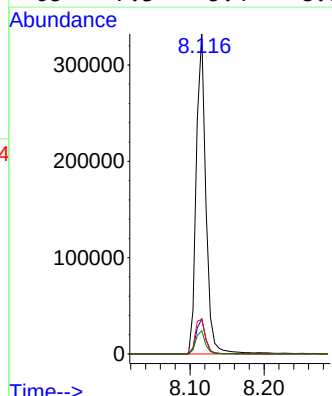
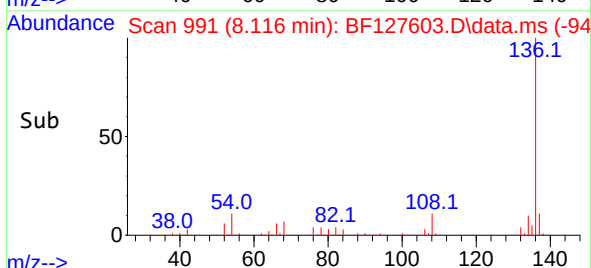
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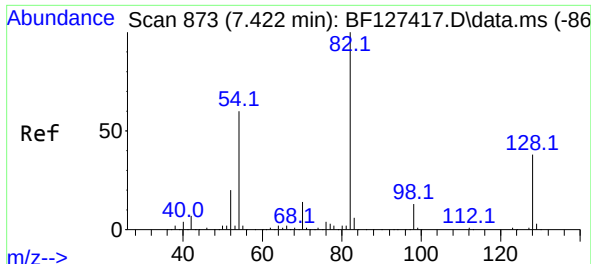


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.116 min Scan# 991
Delta R.T. 0.000 min
Lab File: BF127603.D
Acq: 31 Mar 2022 14:38



Tgt Ion:136 Resp: 300040
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 10.9 9.2 13.8
68 7.3 5.4 8.0





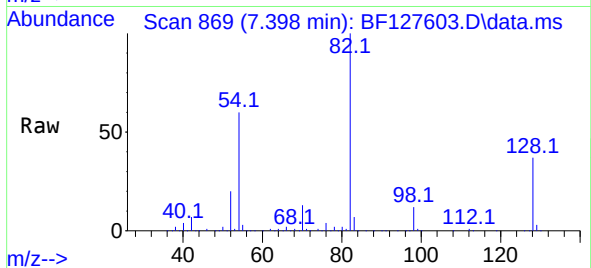
#23
Nitrobenzene-d5
Concen: 57.803 ng
RT: 7.398 min Scan# 80
Delta R.T. -0.012 min
Lab File: BF127603.D
Acq: 31 Mar 2022 14:38

Instrument :

BNA_F

ClientSampleId :

TP-3-1-5FT

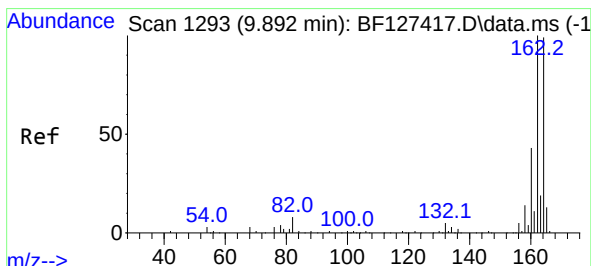
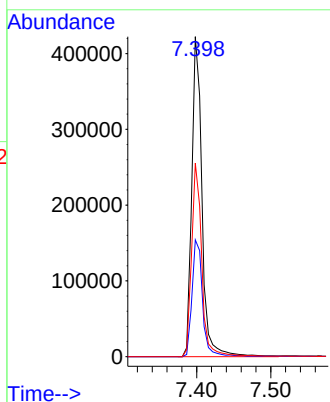
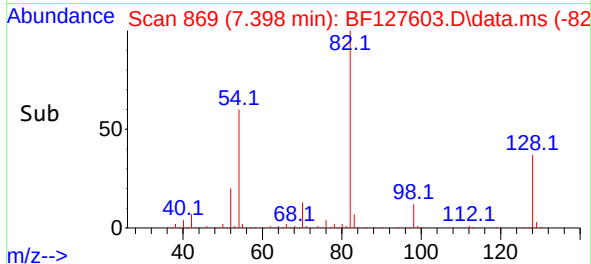


Tgt Ion: 82 Resp: 405728
Ion Ratio Lower Upper
82 100
128 36.5 30.6 45.8
54 60.5 48.2 72.2

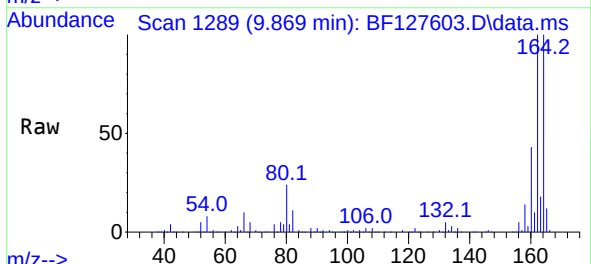
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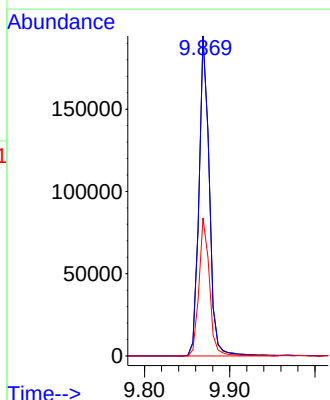
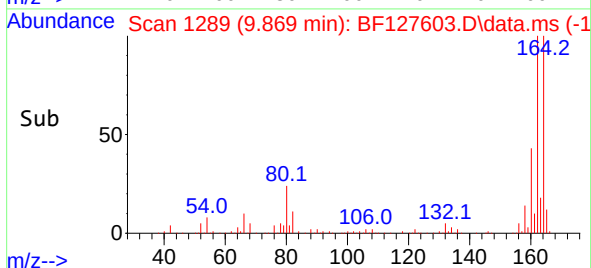
Reviewed By :Christian Giraldo 04/01/2022
Supervised By :Jagrut Upadhyay 04/01/2022

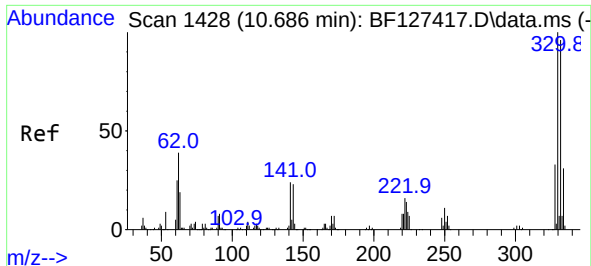


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.869 min Scan# 1289
Delta R.T. -0.006 min
Lab File: BF127603.D
Acq: 31 Mar 2022 14:38



Tgt Ion:164 Resp: 164293
Ion Ratio Lower Upper
164 100
162 99.6 81.2 121.8
160 43.1 34.6 52.0





#42
2,4,6-Tribromophenol
Concen: 75.919 ng
RT: 10.663 min Scan# 1424
Delta R.T. -0.006 min
Lab File: BF127603.D
Acq: 31 Mar 2022 14:38

Instrument :

BNA_F

ClientSampleId :

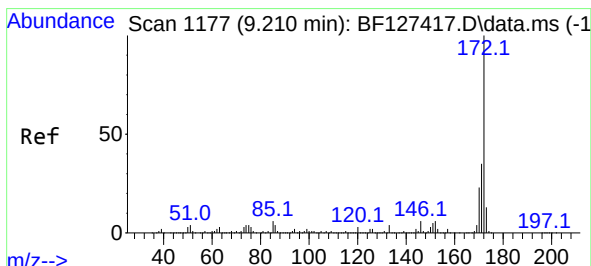
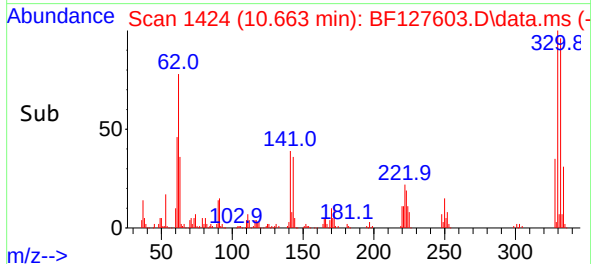
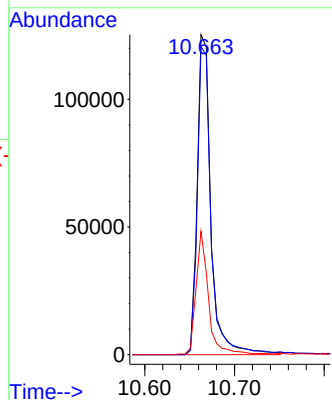
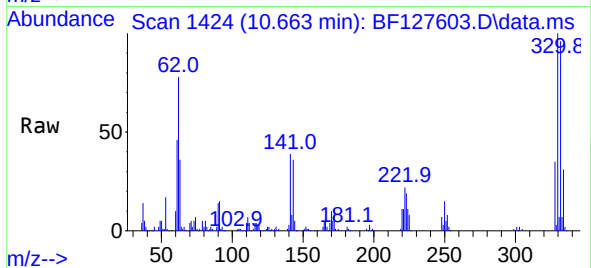
TP-3-1-5FT

Tgt Ion:330 Resp: 132869
Ion Ratio Lower Upper
330 100
332 97.7 79.1 118.7
141 35.2 26.2 39.4

Manual Integrations

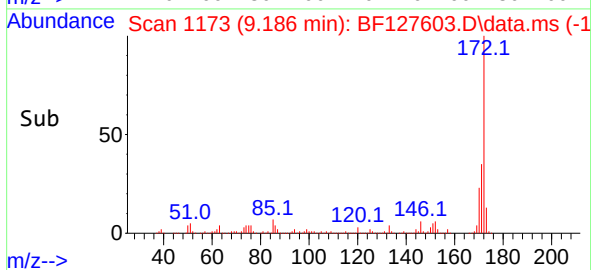
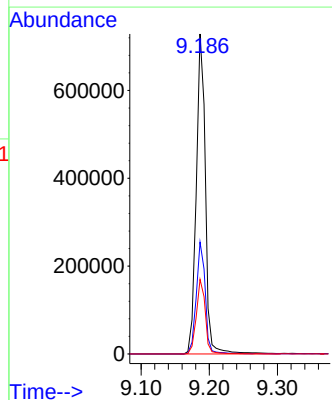
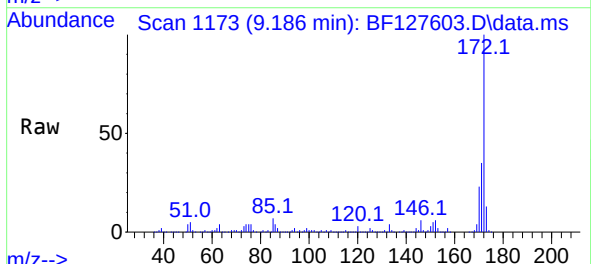
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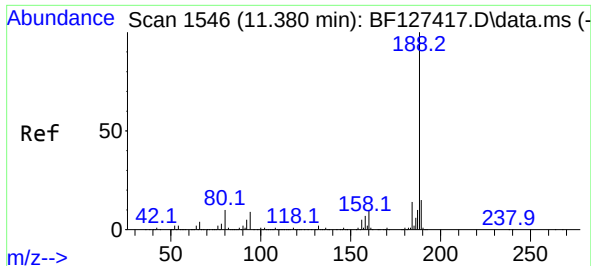
Reviewed By :Christian Giraldo 04/01/2022
Supervised By :Jagrut Upadhyay 04/01/2022



#45
2-Fluorobiphenyl
Concen: 60.517 ng
RT: 9.186 min Scan# 1173
Delta R.T. -0.006 min
Lab File: BF127603.D
Acq: 31 Mar 2022 14:38

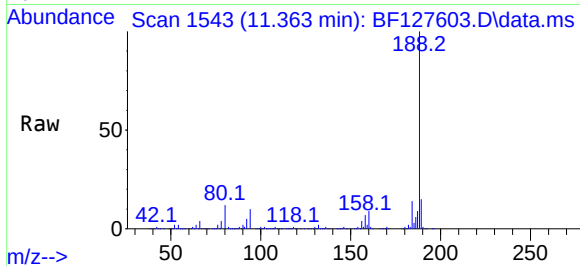
Tgt Ion:172 Resp: 680890
Ion Ratio Lower Upper
172 100
171 35.0 28.4 42.6
170 23.3 18.6 27.8





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.363 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF127603.D
Acq: 31 Mar 2022 14:38

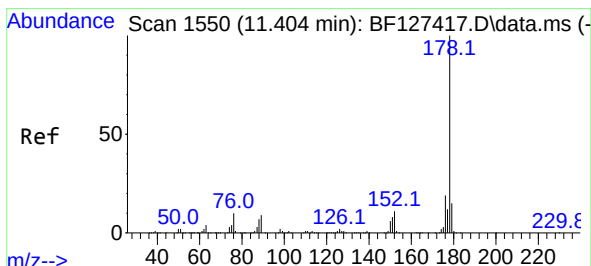
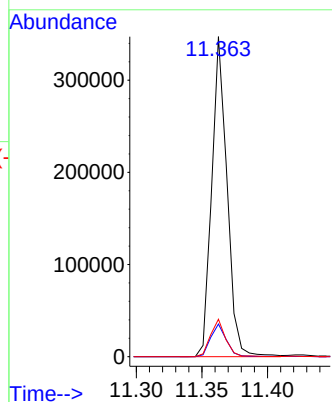
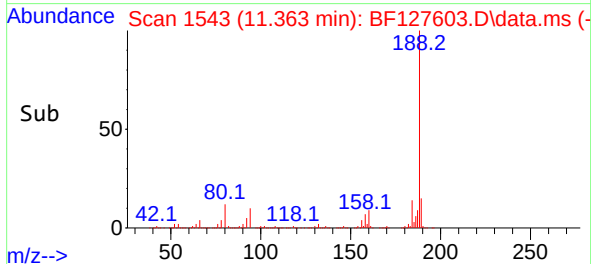
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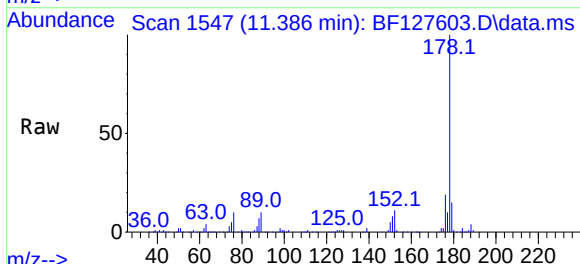
Tgt Ion:188 Resp: 282360
Ion Ratio Lower Upper
188 100
94 10.2 7.4 11.0
80 11.7 8.0 12.0

Manual Integrations
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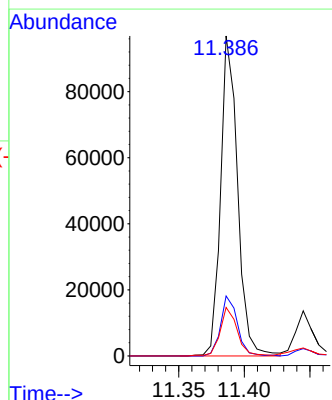
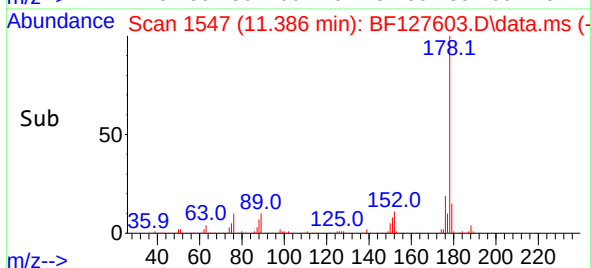
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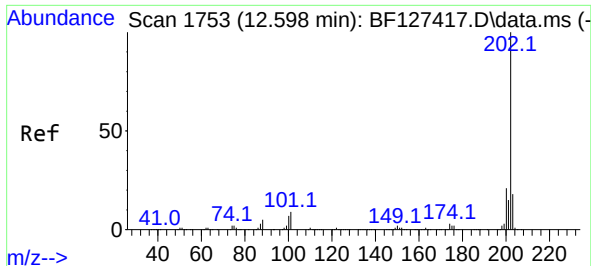


#71
Phenanthrene
Concen: 5.904 ng
RT: 11.386 min Scan# 1547
Delta R.T. -0.006 min
Lab File: BF127603.D
Acq: 31 Mar 2022 14:38



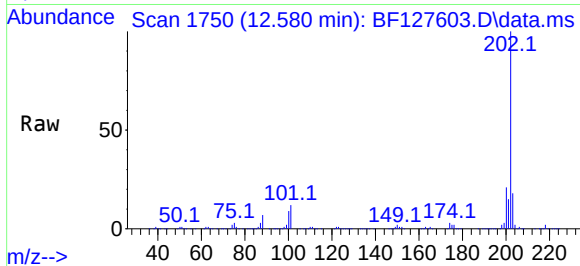
Tgt Ion:178 Resp: 86910
Ion Ratio Lower Upper
178 100
176 18.8 15.4 23.2
179 15.1 12.4 18.6





#75
Fluoranthene
Concen: 10.421 ng
RT: 12.580 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF127603.D
Acq: 31 Mar 2022 14:38

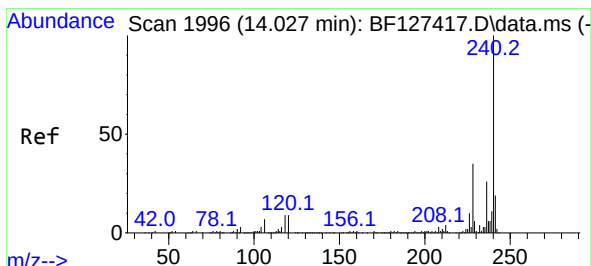
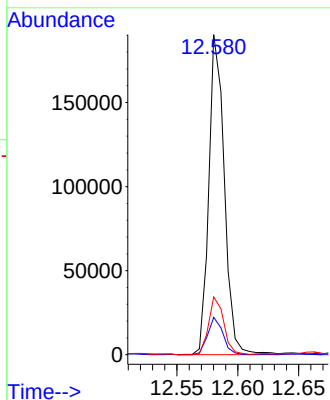
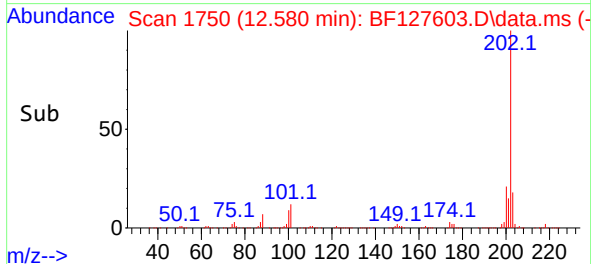
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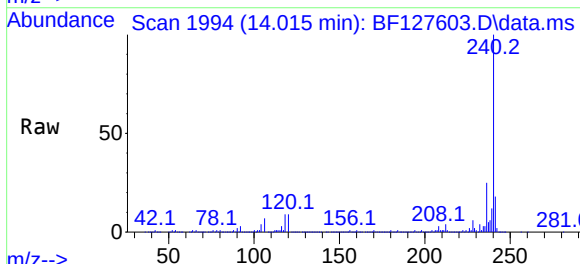
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Ion Ratio Lower Upper
202 100
101 11.7 0.0 29.0
203 18.0 0.0 37.7

Manual Integrations
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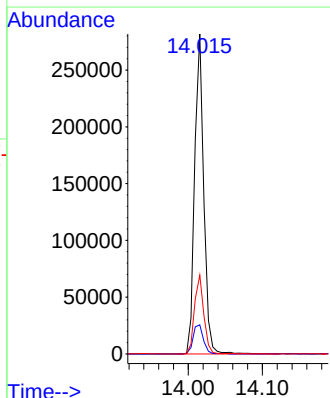
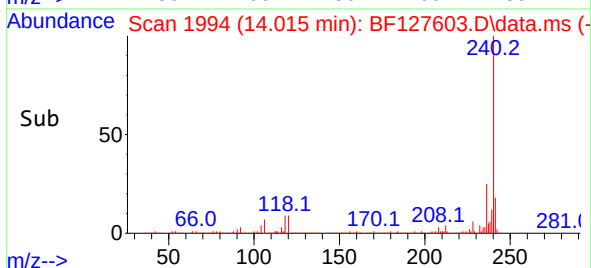
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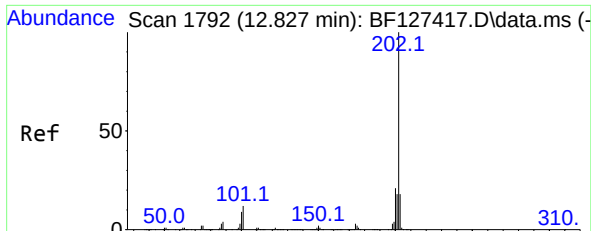


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.015 min Scan# 1994
Delta R.T. 0.000 min
Lab File: BF127603.D
Acq: 31 Mar 2022 14:38



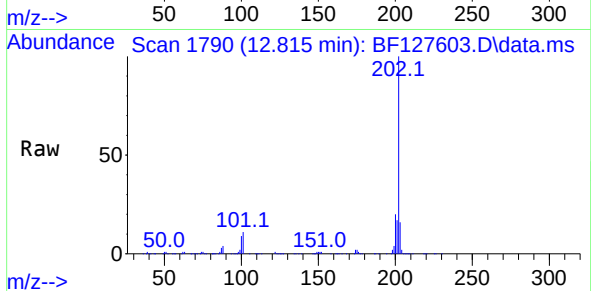
Tgt Ion:240 Resp: 240134
Ion Ratio Lower Upper
240 100
120 9.1 7.1 10.7
236 24.7 20.7 31.1





#78
Pyrene
Concen: 8.195 ng
RT: 12.815 min Scan# 1792
Delta R.T. 0.000 min
Lab File: BF127603.D
Acq: 31 Mar 2022 14:38

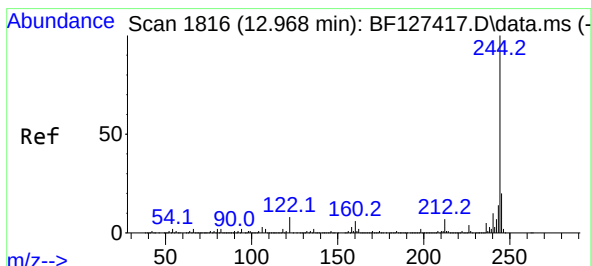
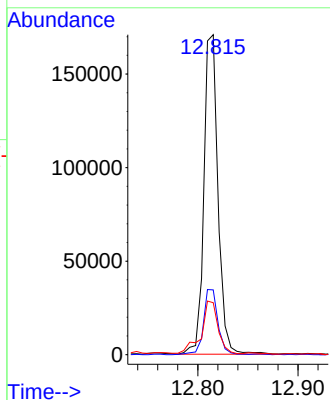
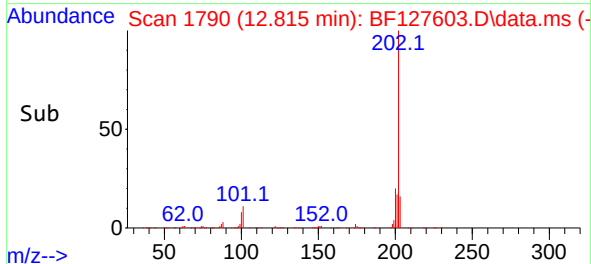
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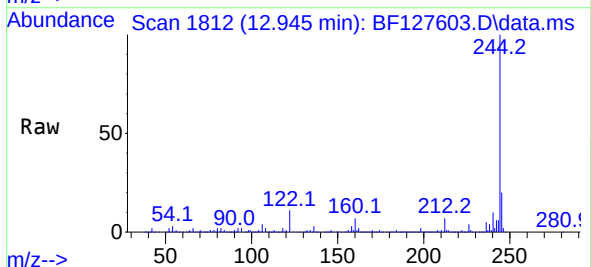
Tgt Ion:202 Resp: 168880
Ion Ratio Lower Upper
202 100
200 20.2 17.1 25.7
203 16.3 14.3 21.5

Manual Integrations
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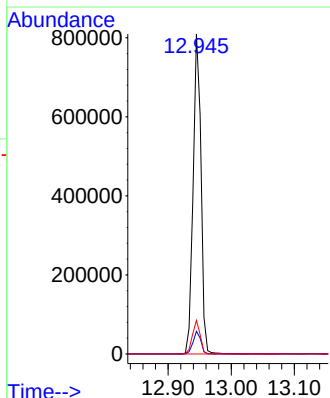
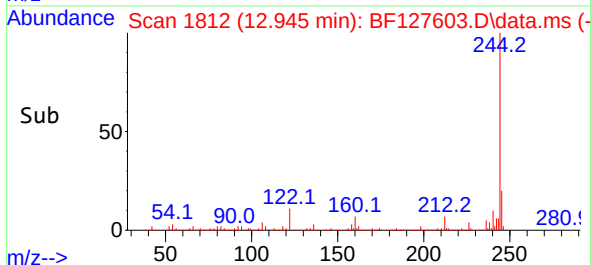
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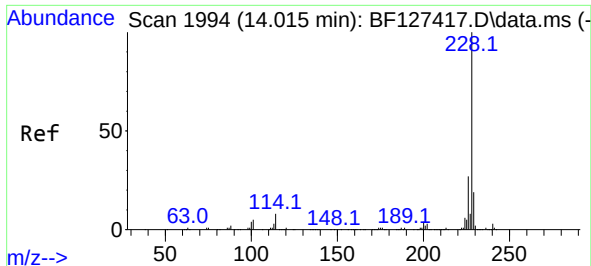


#79
Terphenyl-d14
Concen: 47.815 ng
RT: 12.945 min Scan# 1812
Delta R.T. -0.006 min
Lab File: BF127603.D
Acq: 31 Mar 2022 14:38



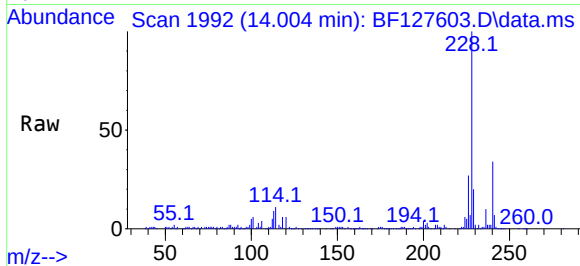
Tgt Ion:244 Resp: 701400
Ion Ratio Lower Upper
244 100
212 7.1 5.7 8.5
122 10.5 6.2 9.2#





#81
Benzo(a)anthracene
Concen: 4.760 ng
RT: 14.004 min Scan# 1992
Delta R.T. 0.000 min
Lab File: BF127603.D
Acq: 31 Mar 2022 14:38

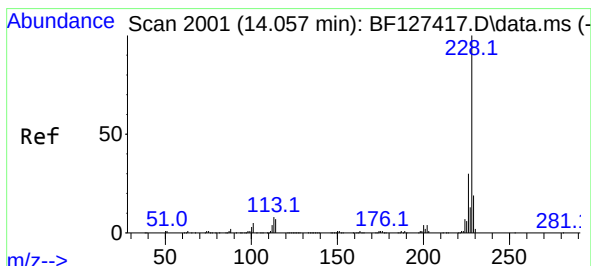
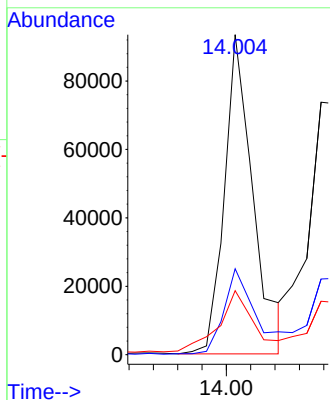
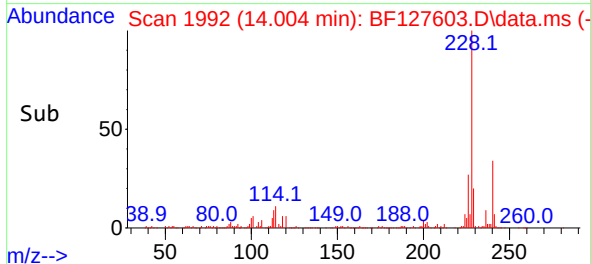
Instrument :
BNA_F
ClientSampleId :
TP-3-1-5FT



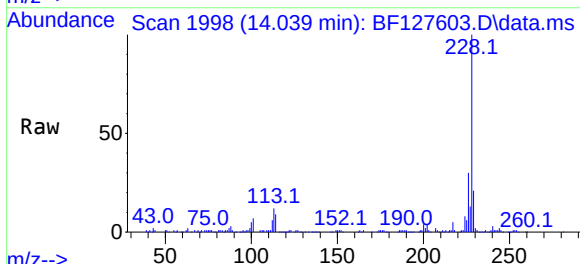
Tgt Ion:228 Resp: 7644
Ion Ratio Lower Upper
228 100
226 26.9 21.6 32.4
229 20.0 15.4 23.2

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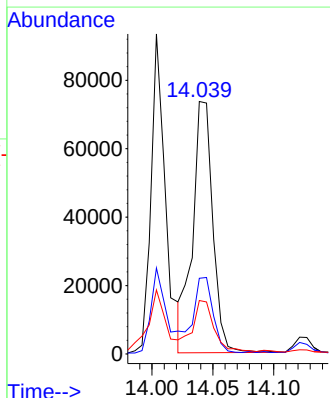
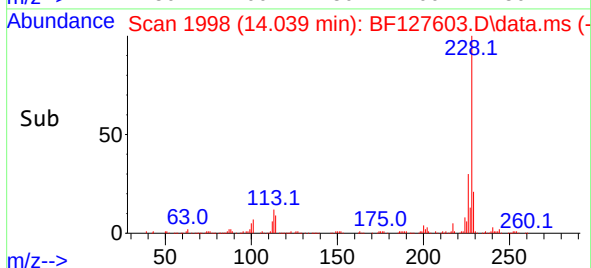
Reviewed By :Christian Giraldo 04/01/2022
Supervised By :Jagrut Upadhyay 04/01/2022

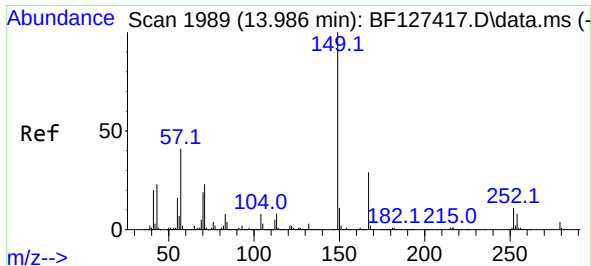


#83
Chrysene
Concen: 5.586 ng
RT: 14.039 min Scan# 1998
Delta R.T. 0.000 min
Lab File: BF127603.D
Acq: 31 Mar 2022 14:38



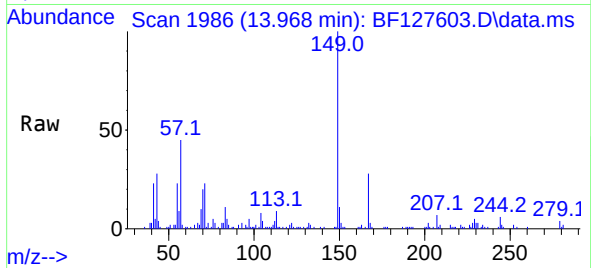
Tgt Ion:228 Resp: 84945
Ion Ratio Lower Upper
228 100
226 30.0 24.2 36.4
229 21.2 15.4 23.2





#84
Bis(2-ethylhexyl)phthalate
Concen: 2.024 ng
RT: 13.968 min Scan# 1989
Delta R.T. 0.000 min
Lab File: BF127603.D
Acq: 31 Mar 2022 14:38

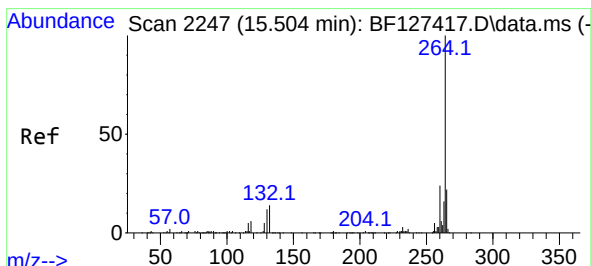
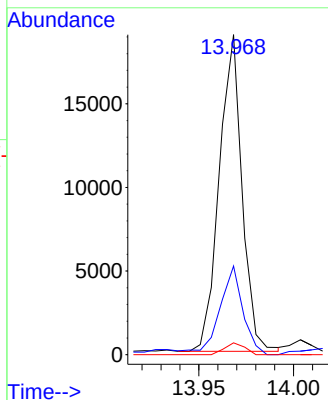
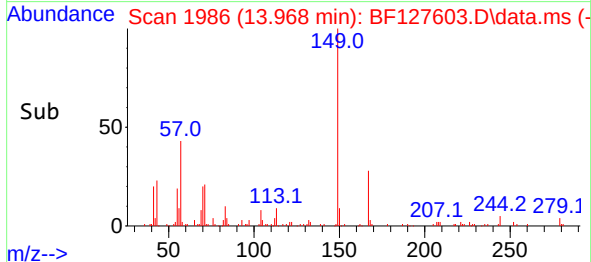
Instrument :
BNA_F
ClientSampleId :
TP-3-1-5FT



Tgt Ion:149 Resp: 1587
Ion Ratio Lower Upper
149 100
167 27.7 22.9 34.3
279 3.7 3.2 4.8

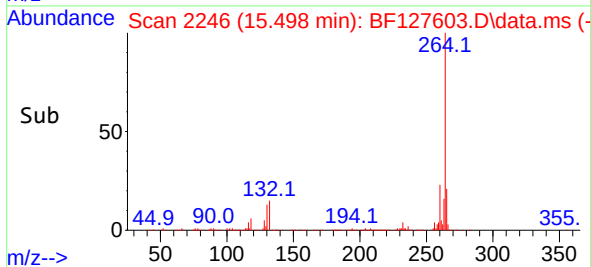
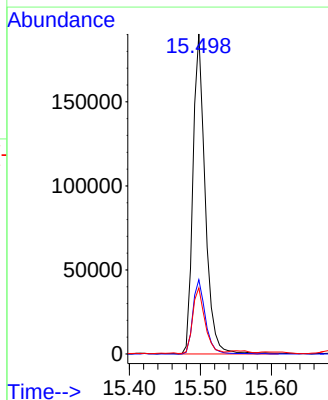
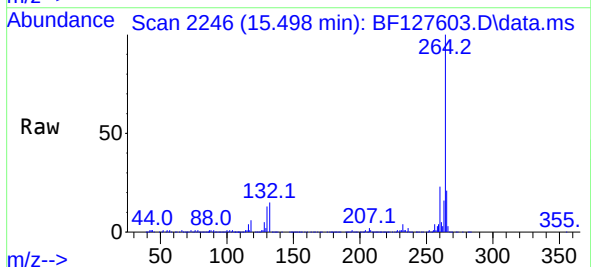
Manual Integrations
APPROVED

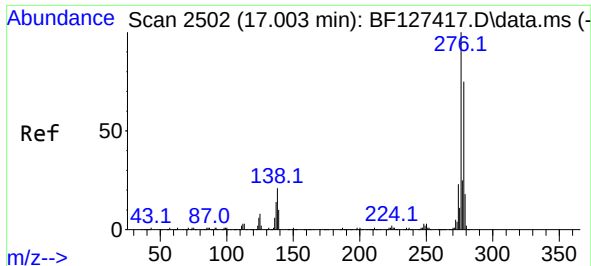
Reviewed By :Christian Giraldo 04/01/2022
Supervised By :Jagrut Upadhyay 04/01/2022



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.498 min Scan# 2246
Delta R.T. 0.006 min
Lab File: BF127603.D
Acq: 31 Mar 2022 14:38

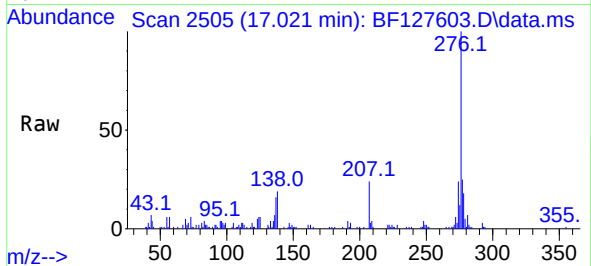
Tgt Ion:264 Resp: 228665
Ion Ratio Lower Upper
264 100
260 23.2 19.1 28.7
265 20.6 17.4 26.2





#87
Indeno(1,2,3-cd)pyrene
Concen: 2.650 ng
RT: 17.021 min Scan# 2173
Delta R.T. 0.029 min
Lab File: BF127603.D
Acq: 31 Mar 2022 14:38

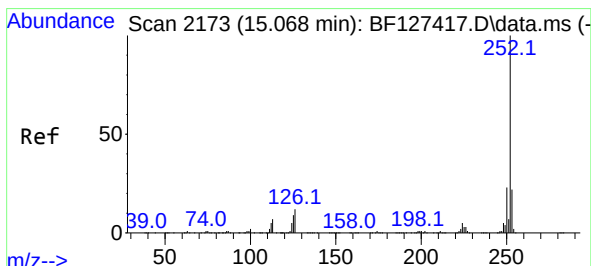
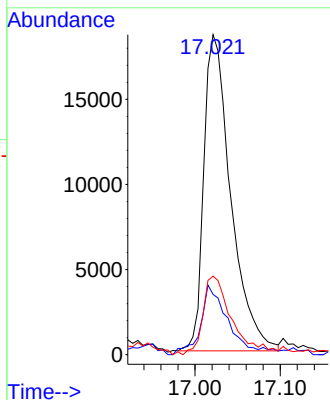
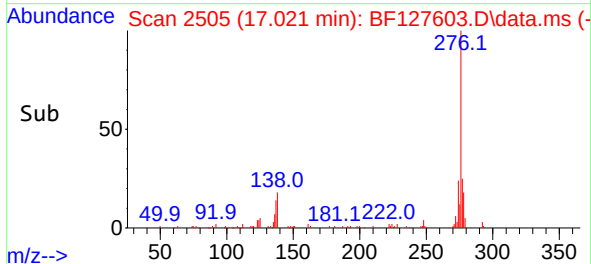
Instrument :
BNA_F
ClientSampleId :
TP-3-1-5FT



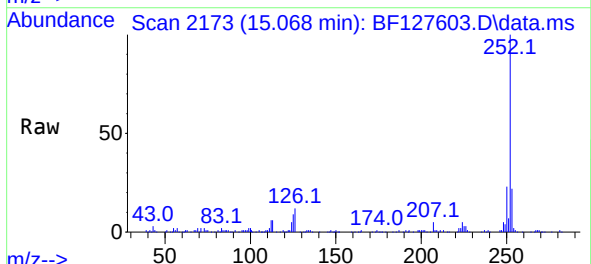
Tgt Ion: 276 Resp: 41008
Ion Ratio Lower Upper
276 100
138 21.6 17.1 25.7
277 26.4 19.9 29.9

Manual Integrations
APPROVED

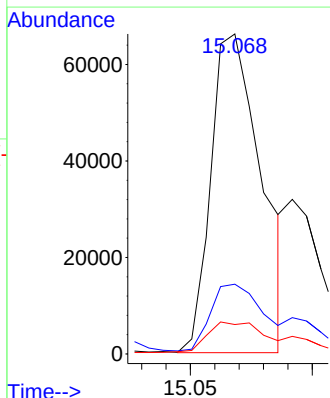
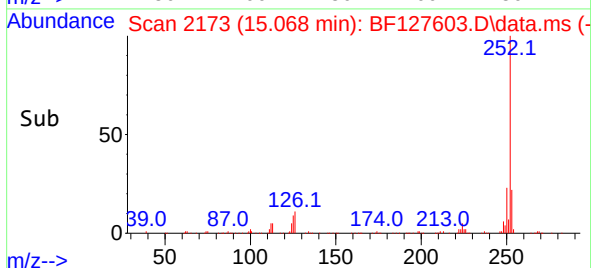
Reviewed By : Christian Giraldo 04/01/2022
Supervised By : Jagrut Upadhyay 04/01/2022

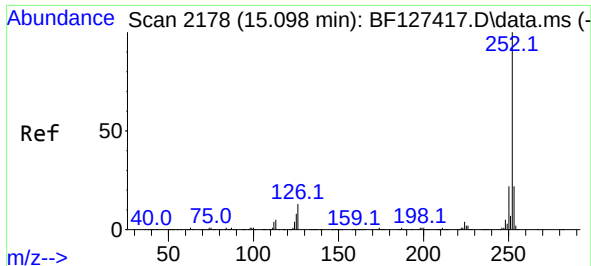


#88
Benzo(b)fluoranthene
Concen: 6.600 ng m
RT: 15.068 min Scan# 2173
Delta R.T. 0.012 min
Lab File: BF127603.D
Acq: 31 Mar 2022 14:38



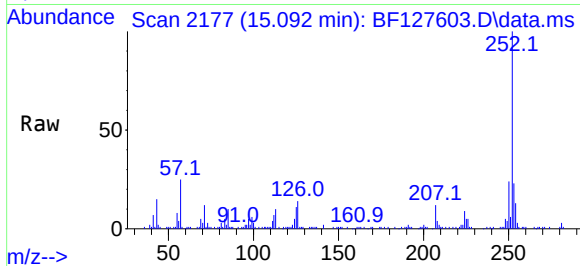
Tgt Ion: 252 Resp: 95154
Ion Ratio Lower Upper
252 100
253 21.8 17.9 26.9
125 9.2 7.0 10.4





#89
Benzo(k)fluoranthene
Concen: 2.171 ng m
RT: 15.092 min Scan# 2178
Delta R.T. 0.006 min
Lab File: BF127603.D
Acq: 31 Mar 2022 14:38

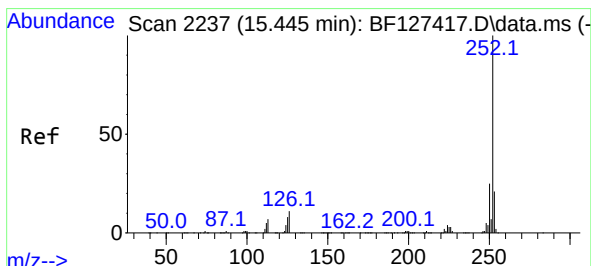
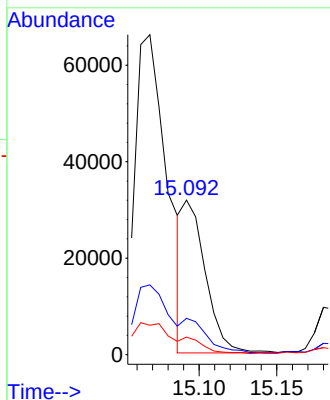
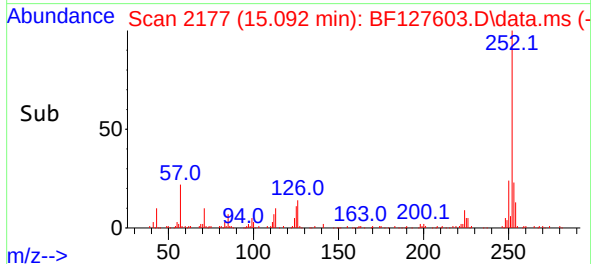
Instrument :
BNA_F
ClientSampleId :
TP-3-1-5FT



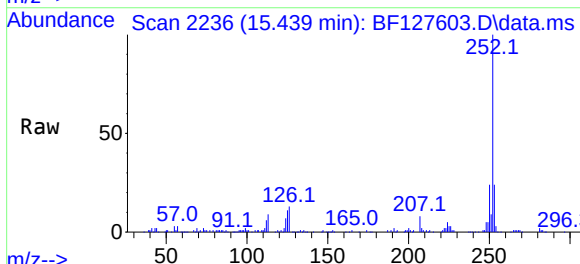
Tgt Ion:252 Resp: 3244
Ion Ratio Lower Upper
252 100
253 23.5 17.3 25.9
125 11.4 6.9 10.3

Manual Integrations
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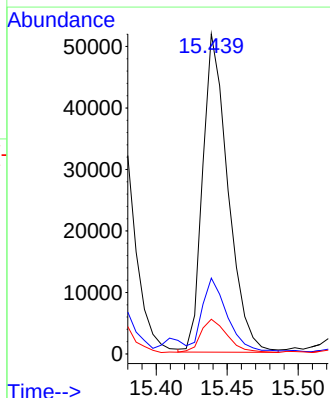
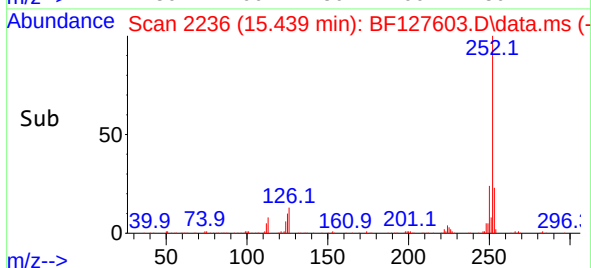
Reviewed By :Christian Giraldo 04/01/2022
Supervised By :Jagrut Upadhyay 04/01/2022

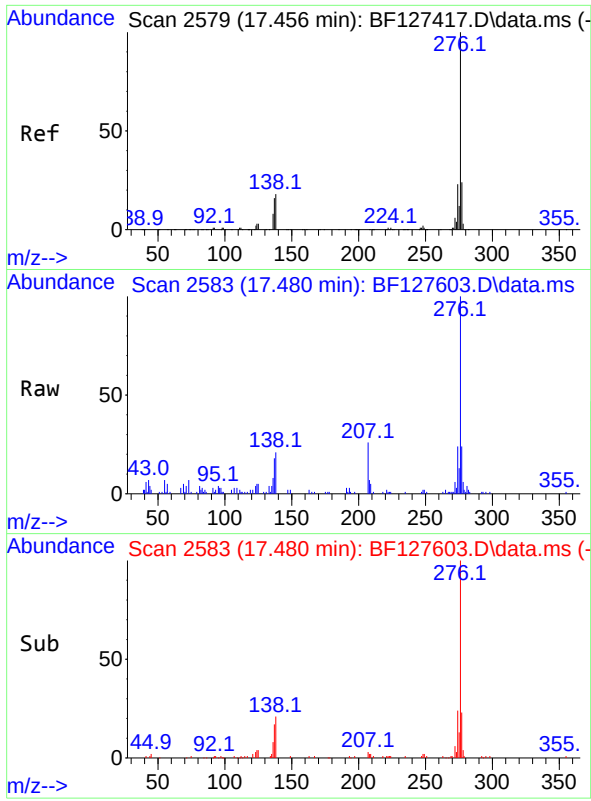


#90
Benzo(a)pyrene
Concen: 5.439 ng
RT: 15.439 min Scan# 2236
Delta R.T. 0.012 min
Lab File: BF127603.D
Acq: 31 Mar 2022 14:38



Tgt Ion:252 Resp: 64354
Ion Ratio Lower Upper
252 100
253 23.7 17.0 25.6
125 10.9 6.7 10.1





#92

Benzo(g,h,i)perylene

Concen: 3.181 ng

RT: 17.480 min Scan# 21

Delta R.T. 0.035 min

Lab File: BF127603.D

Acq: 31 Mar 2022 14:38

Instrument :
BNA_F
ClientSampleId :
TP-3-1-5FT

Tgt Ion:276 Resp: 42004

Ion	Ratio	Lower	Upper
276	100		
277	23.9	19.0	28.4
138	20.6	14.6	22.0

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 04/01/2022
Supervised By :Jagrut Upadhyay 04/01/2022

