

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030222\
 Data File : BF127160.D
 Acq On : 02 Mar 2022 21:31
 Operator : CG\JU
 Sample : N1717-01 2X
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ETGI-359

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 03/03/2022
 Supervised By : Jagrut Upadhyay 03/03/2022

Quant Time: Mar 03 00:58:22 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 01 23:57:09 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	86075	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	306457	20.000	ng	# 0.00
39) Acenaphthene-d10	9.933	164	123950	20.000	ng	0.00
64) Phenanthrene-d10	11.422	188	186380	20.000	ng	# 0.00
76) Chrysene-d12	14.074	240	147865	20.000	ng	# 0.00
86) Perylene-d12	15.574	264	102472	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	228756	41.076	ng	0.00
7) Phenol-d6	6.516	99	284830	37.903	ng	0.00
23) Nitrobenzene-d5	7.451	82	201203	29.635	ng	-0.01
42) 2,4,6-Tribromophenol	10.722	330	52908	37.073	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	284358	33.773	ng	0.00
79) Terphenyl-d14	13.010	244	234483	23.312	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	11.445	178	21590	2.070	ng	98
75) Fluoranthene	12.639	202	44037	4.446	ng	91
78) Pyrene	12.868	202	48713	3.792	ng	97
81) Benzo(a)anthracene	14.063	228	21560	2.163	ng	# 67
83) Chrysene	14.098	228	24597	2.624	ng	# 81
88) Benzo(b)fluoranthene	15.127	252	20842m	3.028	ng	
90) Benzo(a)pyrene	15.504	252	16872	3.138	ng	# 60

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

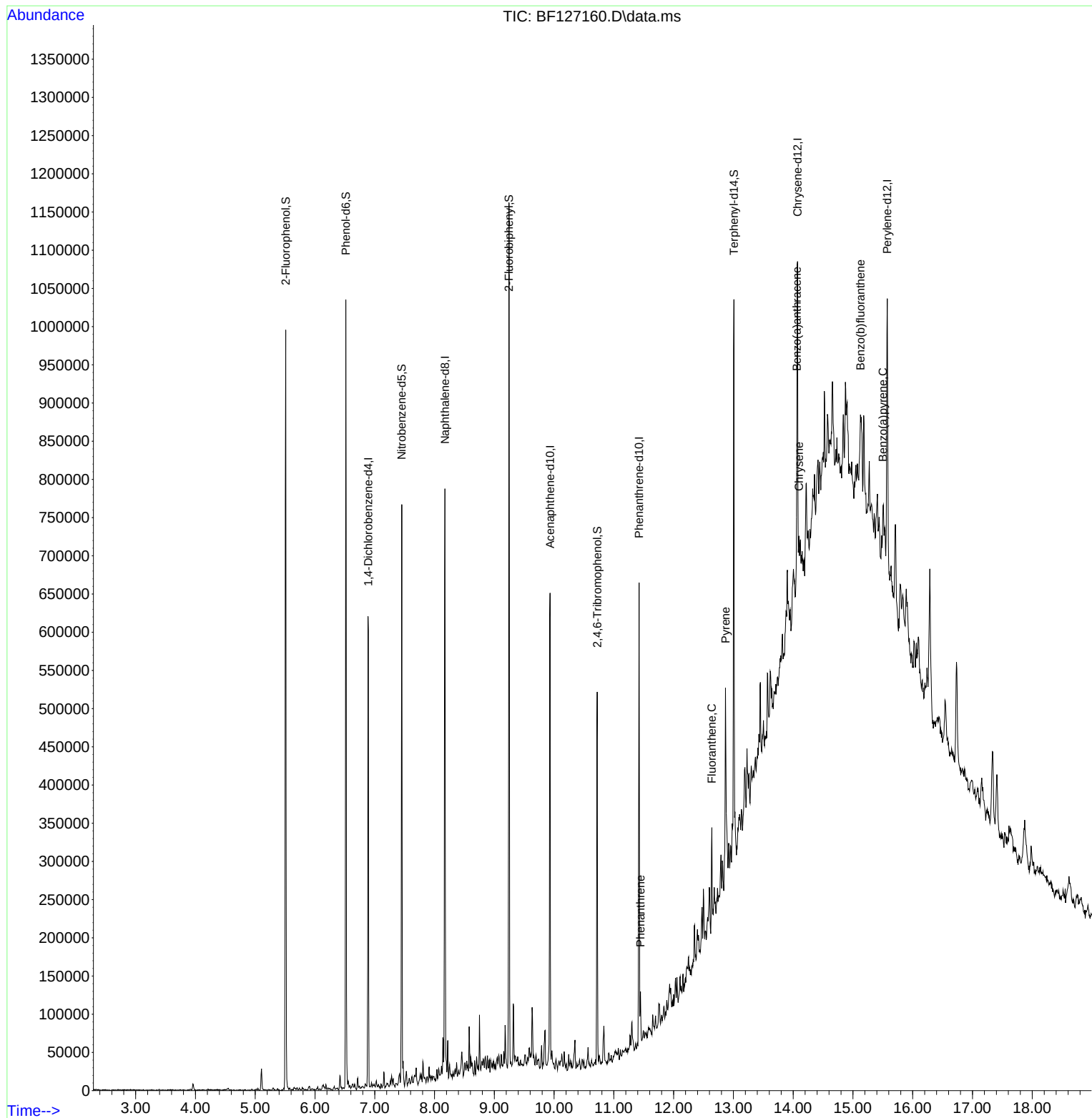
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030222\
Data File : BF127160.D
Acq On : 02 Mar 2022 21:31
Operator : CG\JU
Sample : N1717-01 2X
Misc :
ALS Vial : 24 Sample Multiplier: 1

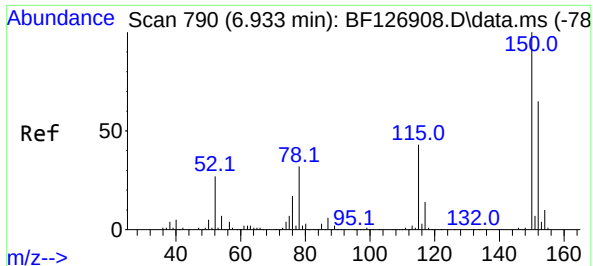
Instrument :
BNA_F
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ETGI-359

Quant Time: Mar 03 00:58:22 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.892 min Scan# 71
Delta R.T. -0.001 min
Lab File: BF127160.D
Acq: 02 Mar 2022 21:31

Instrument :

BNA_F

ClientSampleId :

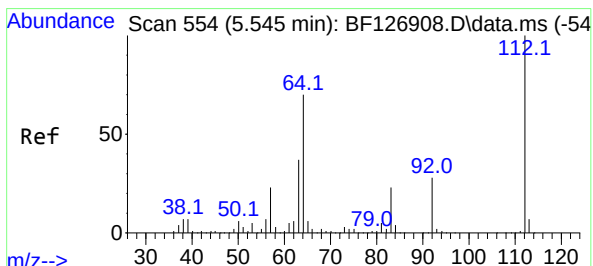
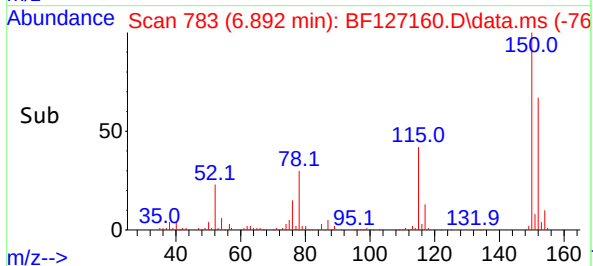
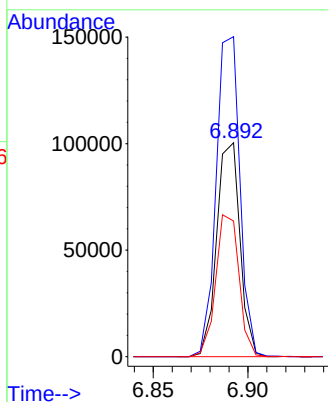
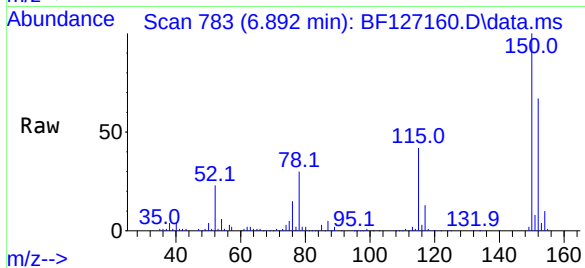
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Tgt Ion:152 Resp: 86075
Ion Ratio Lower Upper
152 100
150 149.6 128.1 192.1
115 63.5 56.7 85.1

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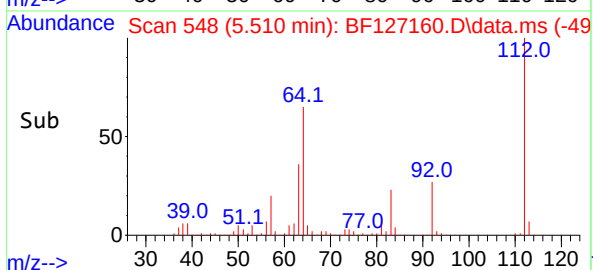
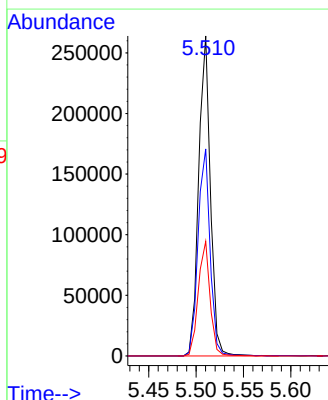
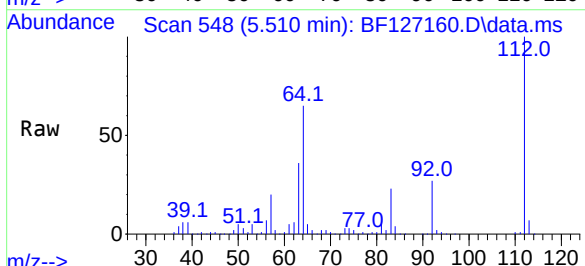
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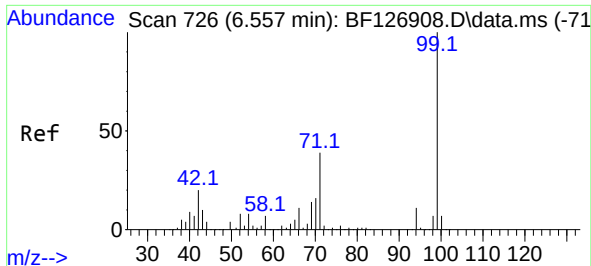
Reviewed By :Christian Giraldo 03/03/2022
Supervised By :Jagrut Upadhyay 03/03/2022



#5
2-Fluorophenol
Concen: 41.076 ng
RT: 5.510 min Scan# 548
Delta R.T. -0.000 min
Lab File: BF127160.D
Acq: 02 Mar 2022 21:31

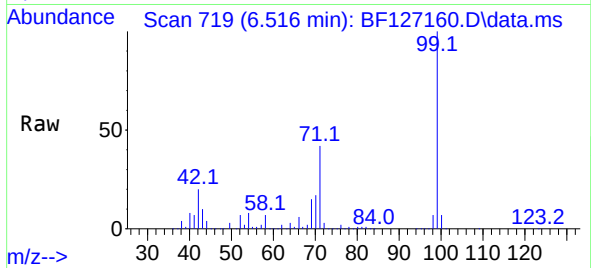
Tgt Ion:112 Resp: 228756
Ion Ratio Lower Upper
112 100
64 64.7 49.5 74.3
63 35.8 23.9 35.9





#7
Phenol-d6
Concen: 37.903 ng
RT: 6.516 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF127160.D
Acq: 02 Mar 2022 21:31

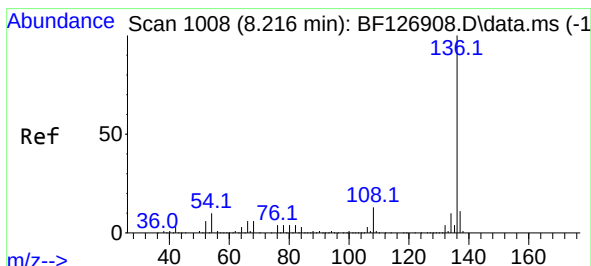
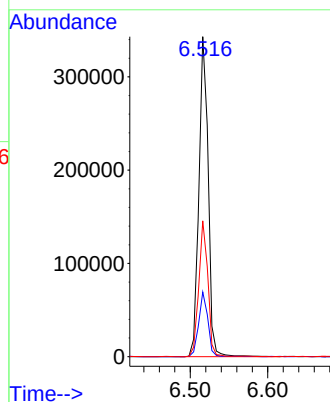
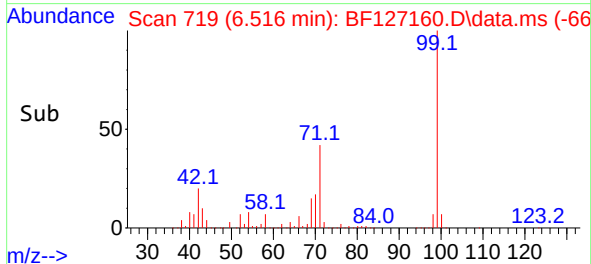
Instrument :
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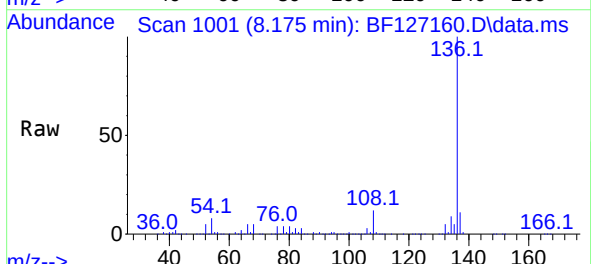
Tgt Ion: 99 Resp: 284830
Ion Ratio Lower Upper
99 100
42 20.2 14.2 21.4
71 42.4 24.3 36.5

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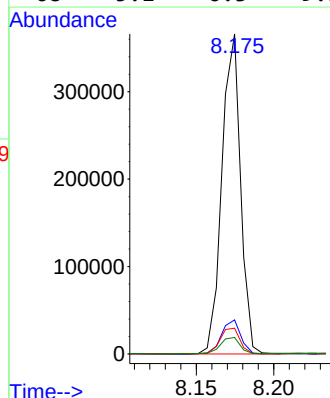
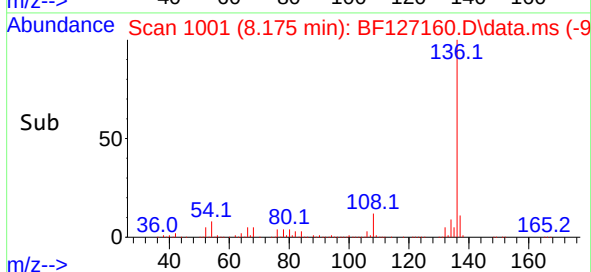
Reviewed By :Christian Giraldo 03/03/2022
Supervised By :Jagrut Upadhyay 03/03/2022

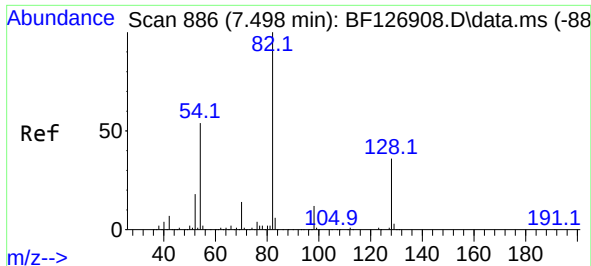


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 1001
Delta R.T. -0.000 min
Lab File: BF127160.D
Acq: 02 Mar 2022 21:31



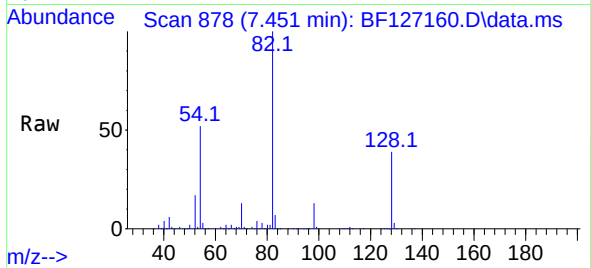
Tgt Ion:136 Resp: 306457
Ion Ratio Lower Upper
136 100
137 10.7 8.6 13.0
54 8.0 7.8 11.6
68 5.1 6.3 9.5





#23
Nitrobenzene-d5
Concen: 29.635 ng
RT: 7.451 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF127160.D
Acq: 02 Mar 2022 21:31

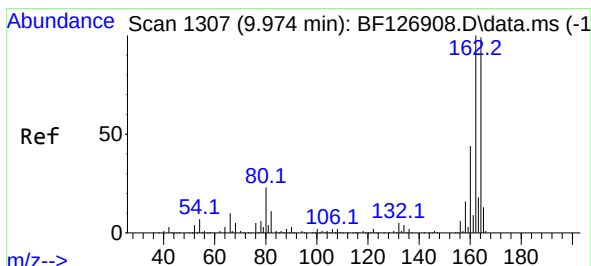
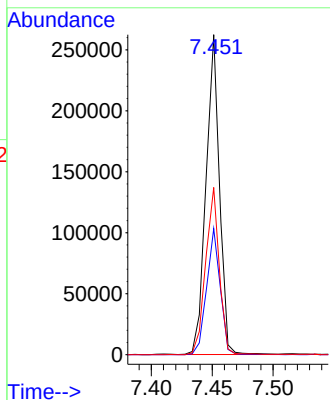
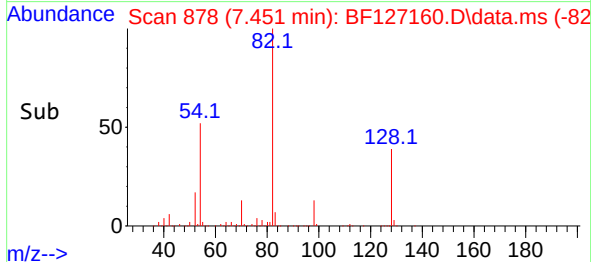
Instrument :
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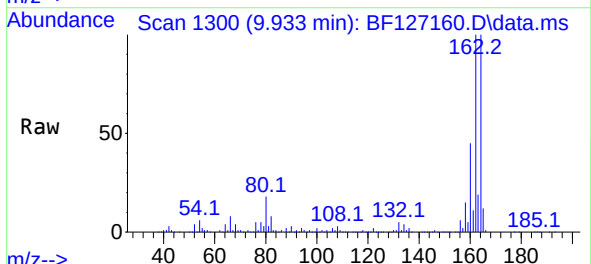
Tgt Ion: 82 Resp: 20120
Ion Ratio Lower Upper
82 100
128 39.4 32.7 49.1
54 52.3 41.7 62.5

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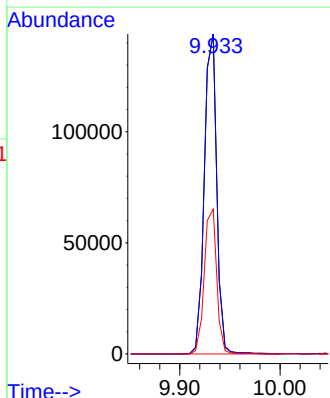
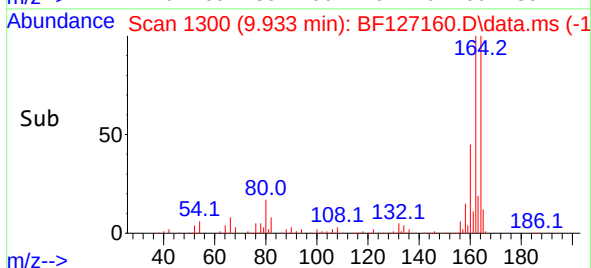
Reviewed By :Christian Giraldo 03/03/2022
Supervised By :Jagrut Upadhyay 03/03/2022

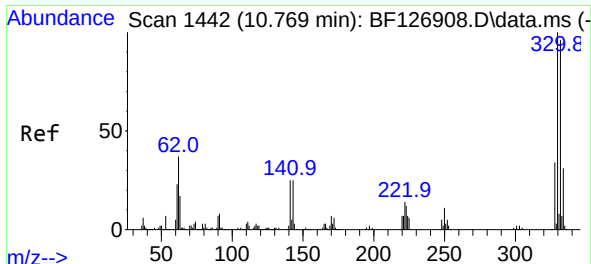


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.933 min Scan# 1300
Delta R.T. -0.006 min
Lab File: BF127160.D
Acq: 02 Mar 2022 21:31



Tgt Ion:164 Resp: 123950
Ion Ratio Lower Upper
164 100
162 99.7 81.4 122.0
160 45.3 36.6 54.8





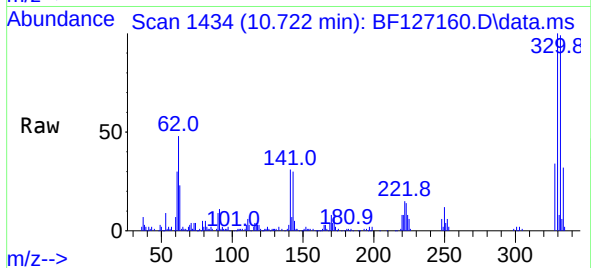
#42
2,4,6-Tribromophenol
Concen: 37.073 ng
RT: 10.722 min Scan# 1442
Delta R.T. -0.006 min
Lab File: BF127160.D
Acq: 02 Mar 2022 21:31

Instrument :

BNA_F

ClientSampleId :

ETGI-359

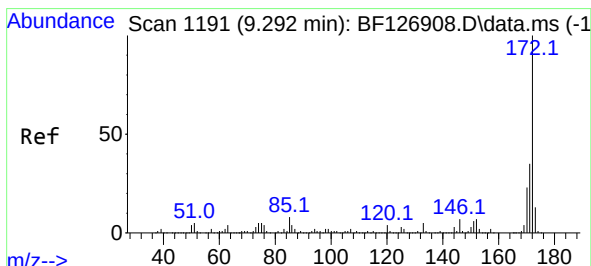
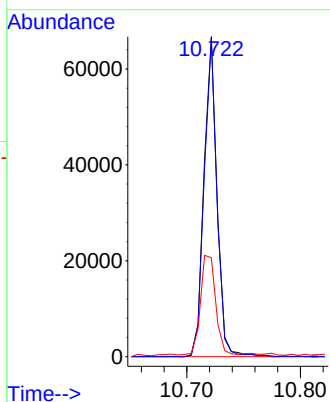
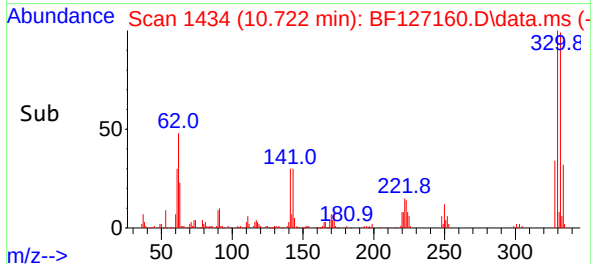


Tgt Ion:330 Resp: 52908
Ion Ratio Lower Upper
330 100
332 98.1 76.0 114.0
141 36.3 30.1 45.1

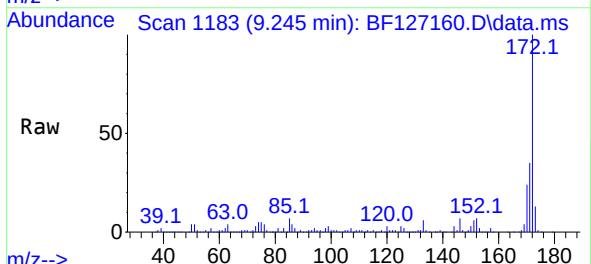
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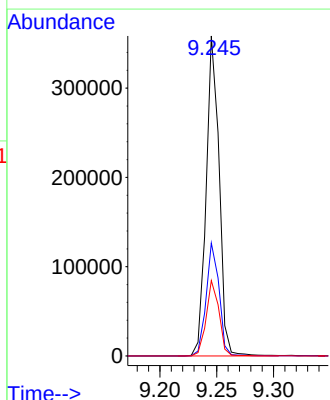
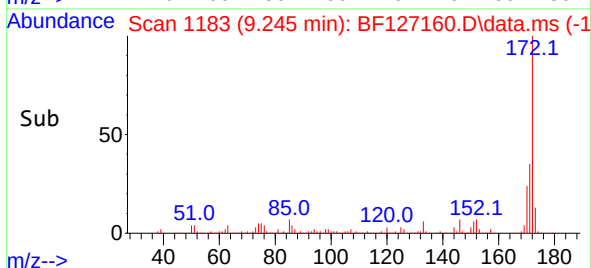
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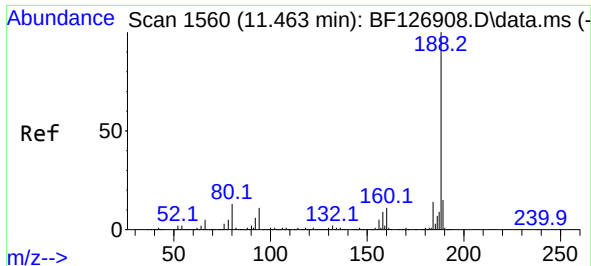


#45
2-Fluorobiphenyl
Concen: 33.773 ng
RT: 9.245 min Scan# 1183
Delta R.T. -0.006 min
Lab File: BF127160.D
Acq: 02 Mar 2022 21:31



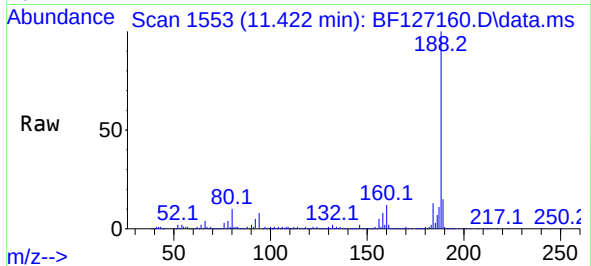
Tgt Ion:172 Resp: 284358
Ion Ratio Lower Upper
172 100
171 35.3 28.3 42.5
170 23.6 19.0 28.6





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.422 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF127160.D
Acq: 02 Mar 2022 21:31

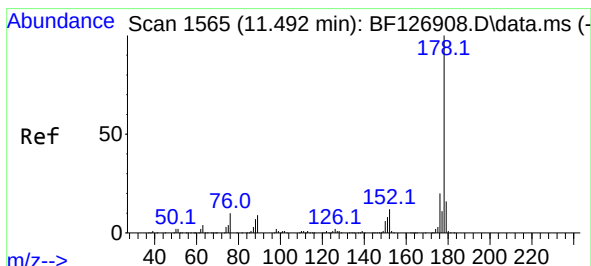
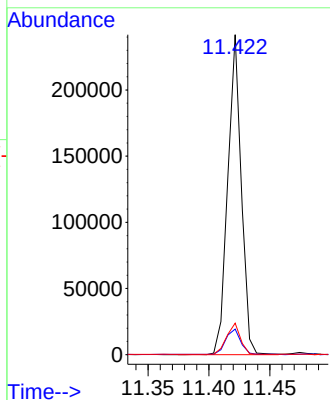
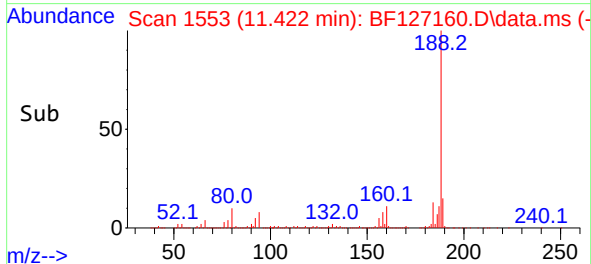
Instrument :
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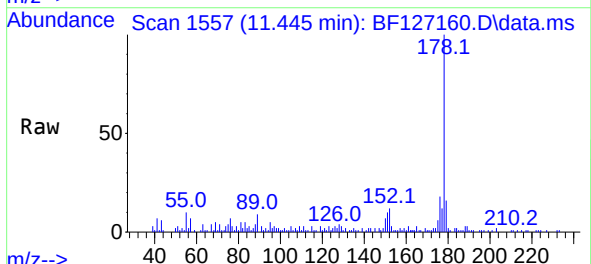
Tgt Ion:188 Resp: 186380
Ion Ratio Lower Upper
188 100
94 8.0 10.1 15.1
80 9.9 11.8 17.6

Manual Integrations
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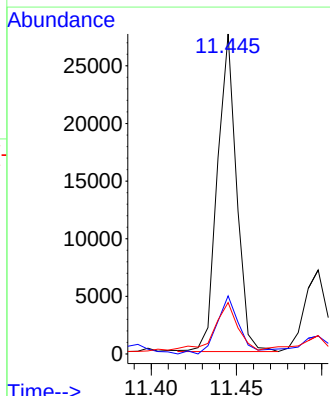
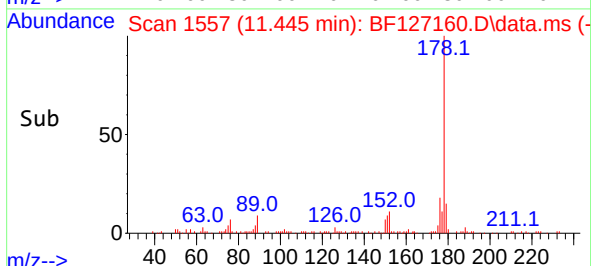
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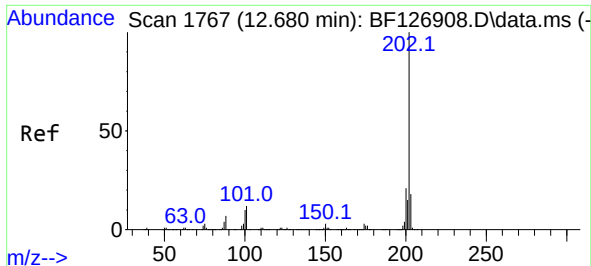


#71
Phenanthrene
Concen: 2.070 ng
RT: 11.445 min Scan# 1557
Delta R.T. -0.006 min
Lab File: BF127160.D
Acq: 02 Mar 2022 21:31



Tgt Ion:178 Resp: 21590
Ion Ratio Lower Upper
178 100
176 18.2 15.7 23.5
179 16.0 12.3 18.5





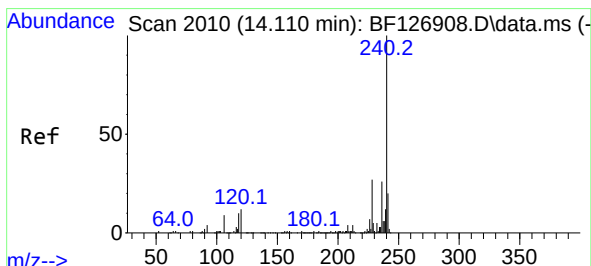
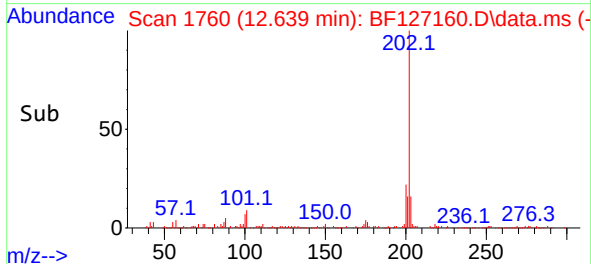
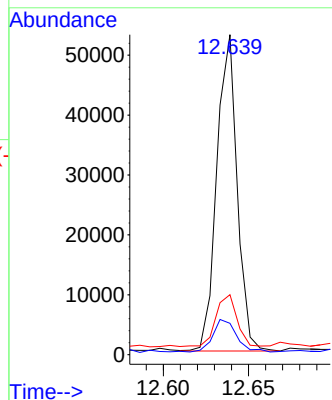
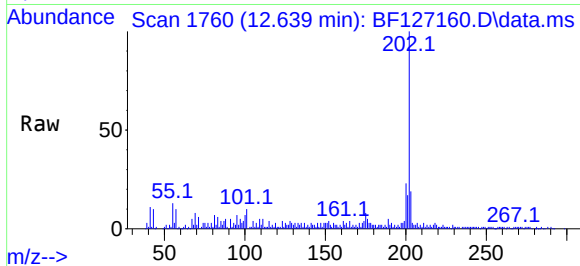
#75
Fluoranthene
Concen: 4.446 ng
RT: 12.639 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF127160.D
Acq: 02 Mar 2022 21:31

Instrument :
BNA_F
ClientSampleId :
ETGI-359

Tgt Ion:202 Resp: 4403
Ion Ratio Lower Upper
202 100
101 9.8 0.0 35.7
203 18.7 0.0 37.1

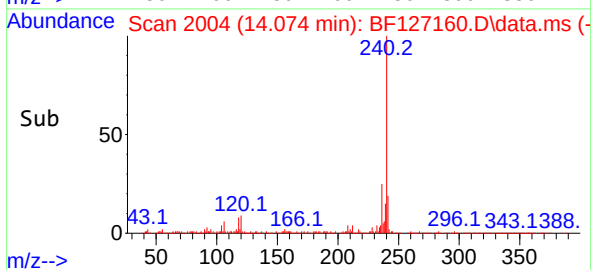
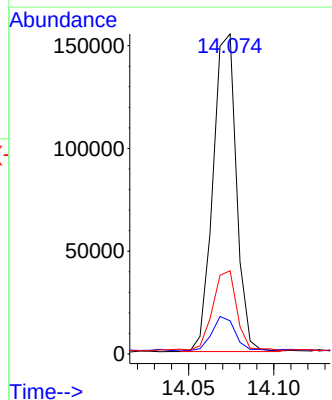
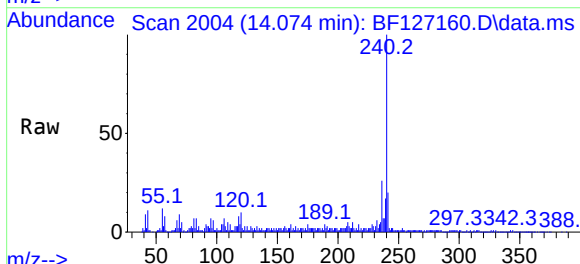
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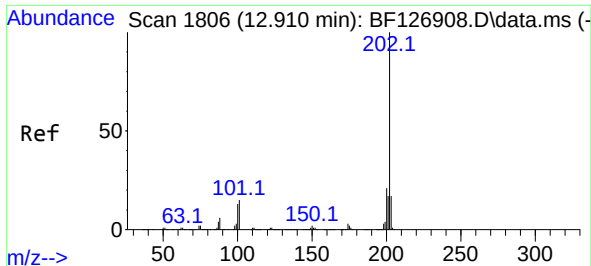
Reviewed By :Christian Giraldo 03/03/2022
Supervised By :Jagrut Upadhyay 03/03/2022



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.074 min Scan# 2004
Delta R.T. -0.000 min
Lab File: BF127160.D
Acq: 02 Mar 2022 21:31

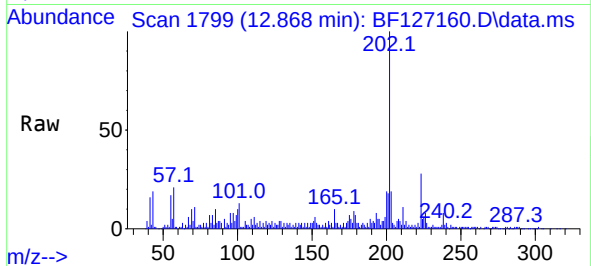
Tgt Ion:240 Resp: 147865
Ion Ratio Lower Upper
240 100
120 10.4 14.4 21.6#
236 26.0 20.5 30.7





#78
Pyrene
Concen: 3.792 ng
RT: 12.868 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF127160.D
Acq: 02 Mar 2022 21:31

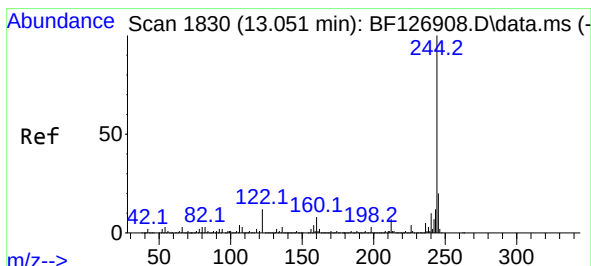
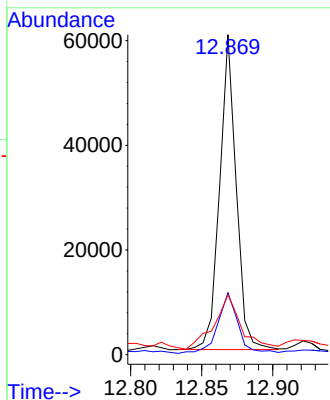
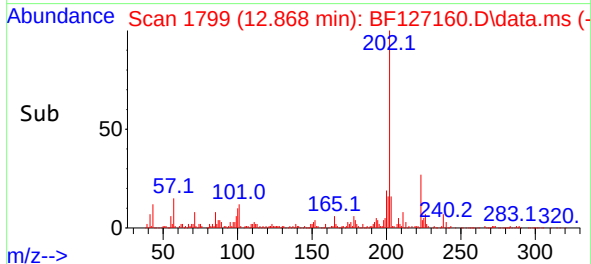
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ETGI-359



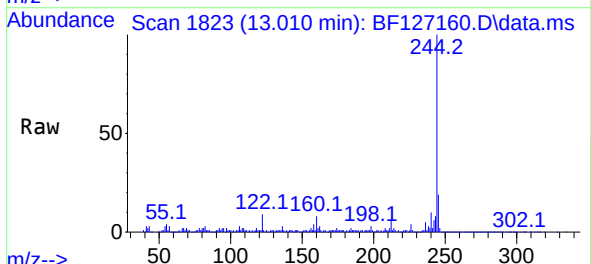
Tgt Ion:202 Resp: 4871
Ion Ratio Lower Upper
202 100
200 19.3 16.6 24.8
203 18.8 13.8 20.8

Manual Integrations
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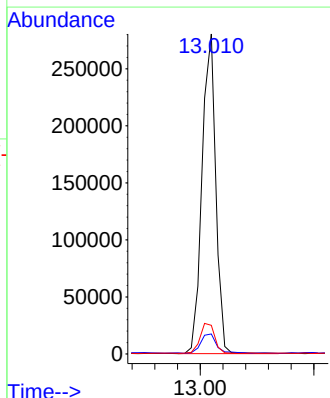
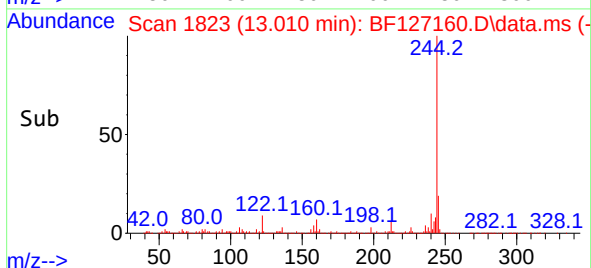
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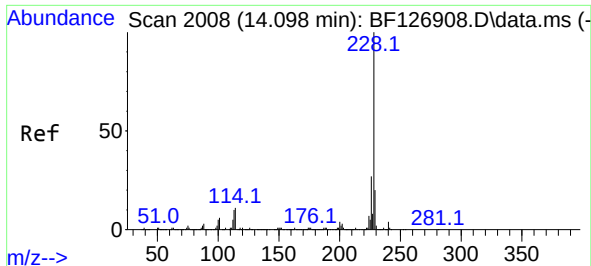


#79
Terphenyl-d14
Concen: 23.312 ng
RT: 13.010 min Scan# 1823
Delta R.T. -0.006 min
Lab File: BF127160.D
Acq: 02 Mar 2022 21:31



Tgt Ion:244 Resp: 234483
Ion Ratio Lower Upper
244 100
212 6.3 5.0 7.4
122 8.9 13.3 19.9#





#81

Benzo(a)anthracene

Concen: 2.163 ng

RT: 14.063 min Scan# 2002

Delta R.T. -0.000 min

Lab File: BF127160.D

Acq: 02 Mar 2022 21:31

Instrument :

BNA_F

ClientSampleId :

ETGI-359

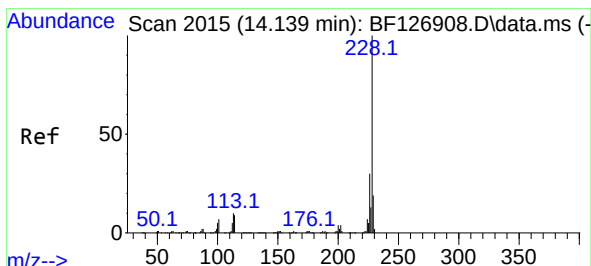
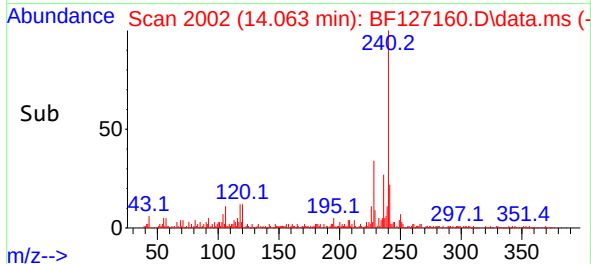
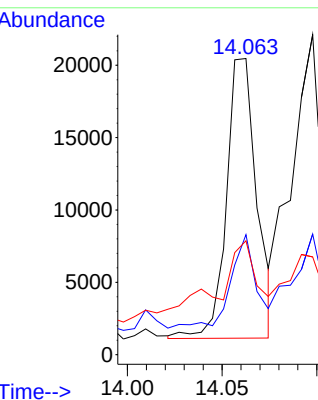
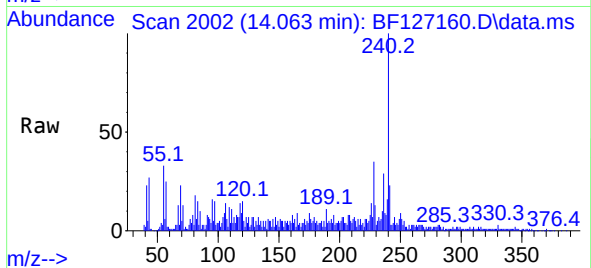
Tgt Ion:228	Resp:	21560
Ion Ratio	Lower	Upper
228	100	
226	40.5	21.4 32.0
229	38.5	15.4 23.2

Manual Integrations

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Reviewed By :Christian Giraldo 03/03/2022

Supervised By :Jagrut Upadhyay 03/03/2022



#83

Chrysene

Concen: 2.624 ng

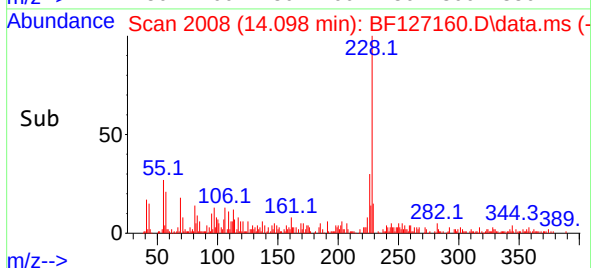
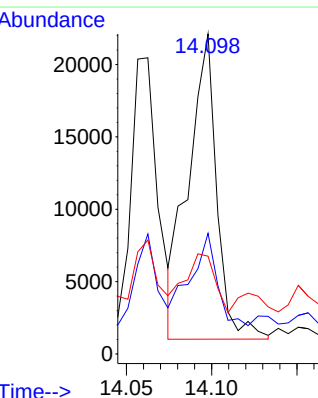
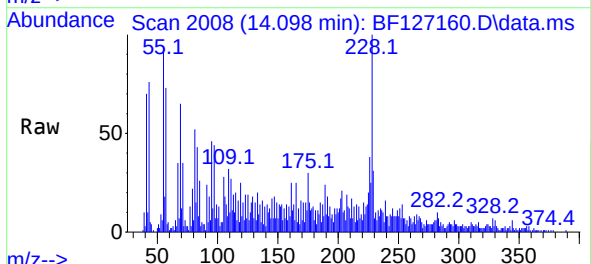
RT: 14.098 min Scan# 2008

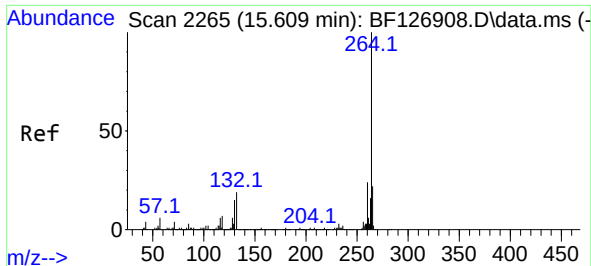
Delta R.T. -0.006 min

Lab File: BF127160.D

Acq: 02 Mar 2022 21:31

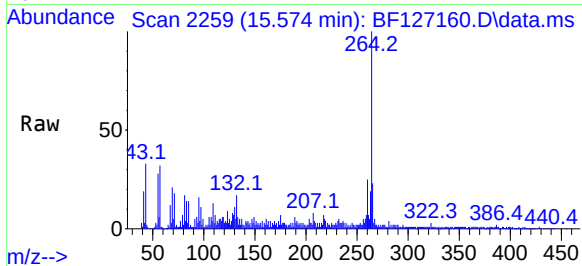
Tgt Ion:228	Resp:	24597
Ion Ratio	Lower	Upper
228	100	
226	37.7	23.7 35.5
229	30.6	15.5 23.3





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.574 min Scan# 2183
Delta R.T. 0.006 min
Lab File: BF127160.D
Acq: 02 Mar 2022 21:31

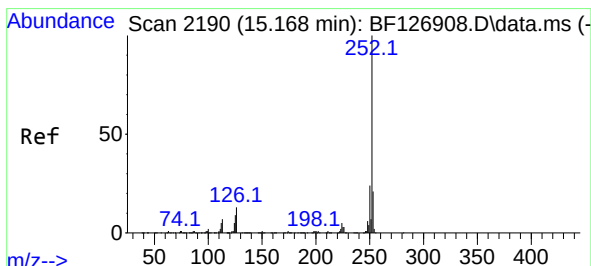
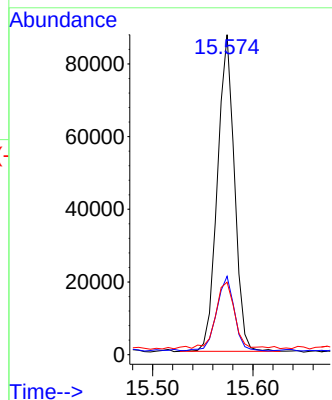
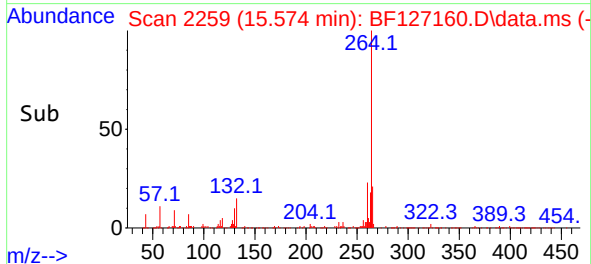
Instrument :
BNA_F
ClientSampleId :
ETGI-359



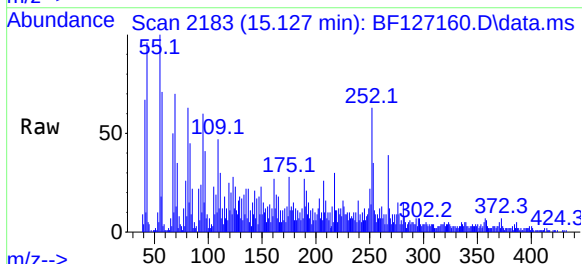
Tgt Ion:264 Resp: 102472
Ion Ratio Lower Upper
264 100
260 24.5 19.2 28.8
265 22.7 17.4 26.2

Manual Integrations
APPROVED

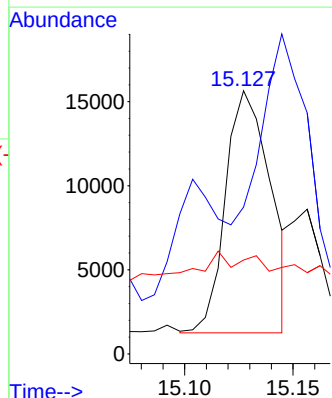
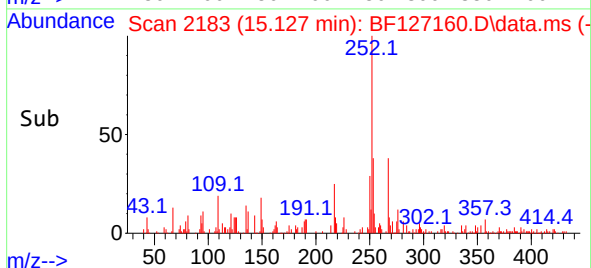
Reviewed By :Christian Giraldo 03/03/2022
Supervised By :Jagrut Upadhyay 03/03/2022

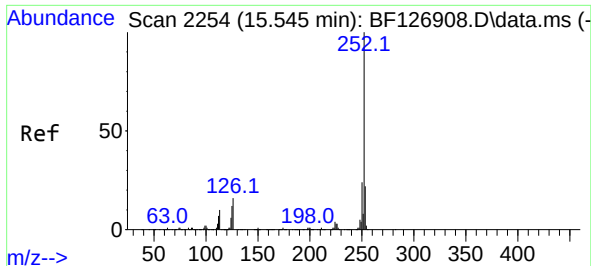


#88
Benzo(b)fluoranthene
Concen: 3.028 ng m
RT: 15.127 min Scan# 2183
Delta R.T. -0.000 min
Lab File: BF127160.D
Acq: 02 Mar 2022 21:31



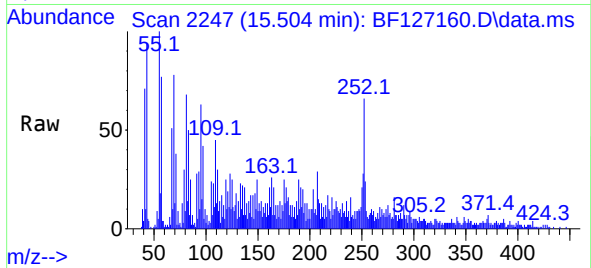
Tgt Ion:252 Resp: 20842
Ion Ratio Lower Upper
252 100
253 55.8 17.8 26.8#
125 35.7 12.4 18.6#





#90
Benzo(a)pyrene
Concen: 3.138 ng
RT: 15.504 min Scan# 21
Delta R.T. -0.000 min
Lab File: BF127160.D
Acq: 02 Mar 2022 21:31

Instrument :
BNA_F
ClientSampleId :
ETGI-359



Tgt Ion:252 Resp: 16872

Ion	Ratio	Lower	Upper
252	100		
253	36.5	17.1	25.7
125	38.1	13.0	19.6

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 03/03/2022
Supervised By :Jagrut Upadhyay 03/03/2022

