

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061022\
 Data File : BF128769.D
 Acq On : 10 Jun 2022 20:15
 Operator : CG\JU
 Sample : N3299-03
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SC-15

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 06/13/2022
 Supervised By : Jagrut Upadhyay 06/13/2022

Quant Time: Jun 11 01:28:08 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 08 14:28:39 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.798	152	62299	20.000	ng	-0.01
21) Naphthalene-d8	8.081	136	239995	20.000	ng	-0.02
39) Acenaphthene-d10	9.839	164	122688	20.000	ng	-0.02
64) Phenanthrene-d10	11.327	188	191401	20.000	ng	-0.01
76) Chrysene-d12	13.974	240	124268	20.000	ng	#-0.01
86) Perylene-d12	15.433	264	134301	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.457	112	3919	1.002	ng	0.00
7) Phenol-d6	6.463	99	70322	14.729	ng	-0.02
23) Nitrobenzene-d5	7.363	82	316180	61.338	ng	-0.02
42) 2,4,6-Tribromophenol	0.000	330	0	0.000	ng	
45) 2-Fluorobiphenyl	9.163	172	602250	68.762	ng	-0.01
79) Terphenyl-d14	12.916	244	437340	61.153	ng	-0.02
Target Compounds						Qvalue
71) Phenanthrene	11.357	178	491639	51.211	ng	98
72) Anthracene	11.404	178	53762	5.658	ng	97
75) Fluoranthene	12.545	202	229557	22.875	ng	96
78) Pyrene	12.774	202	365583	39.542	ng	99
80) Butylbenzylphthalate	13.392	149	124677	32.112	ng	98
81) Benzo(a)anthracene	13.963	228	150244	19.396	ng	98
83) Chrysene	13.998	228	150255	20.346	ng	98
84) Bis(2-ethylhexyl)phtha...	13.957	149	585950	116.084	ng	100
87) Indeno(1,2,3-cd)pyrene	16.874	276	26673	3.295	ng	# 89
88) Benzo(b)fluoranthene	15.010	252	90113m	10.501	ng	
89) Benzo(k)fluoranthene	15.027	252	21842m	2.706	ng	
90) Benzo(a)pyrene	15.368	252	75369	11.174	ng	97
92) Benzo(g,h,i)perylene	17.315	276	27427m	4.122	ng	

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

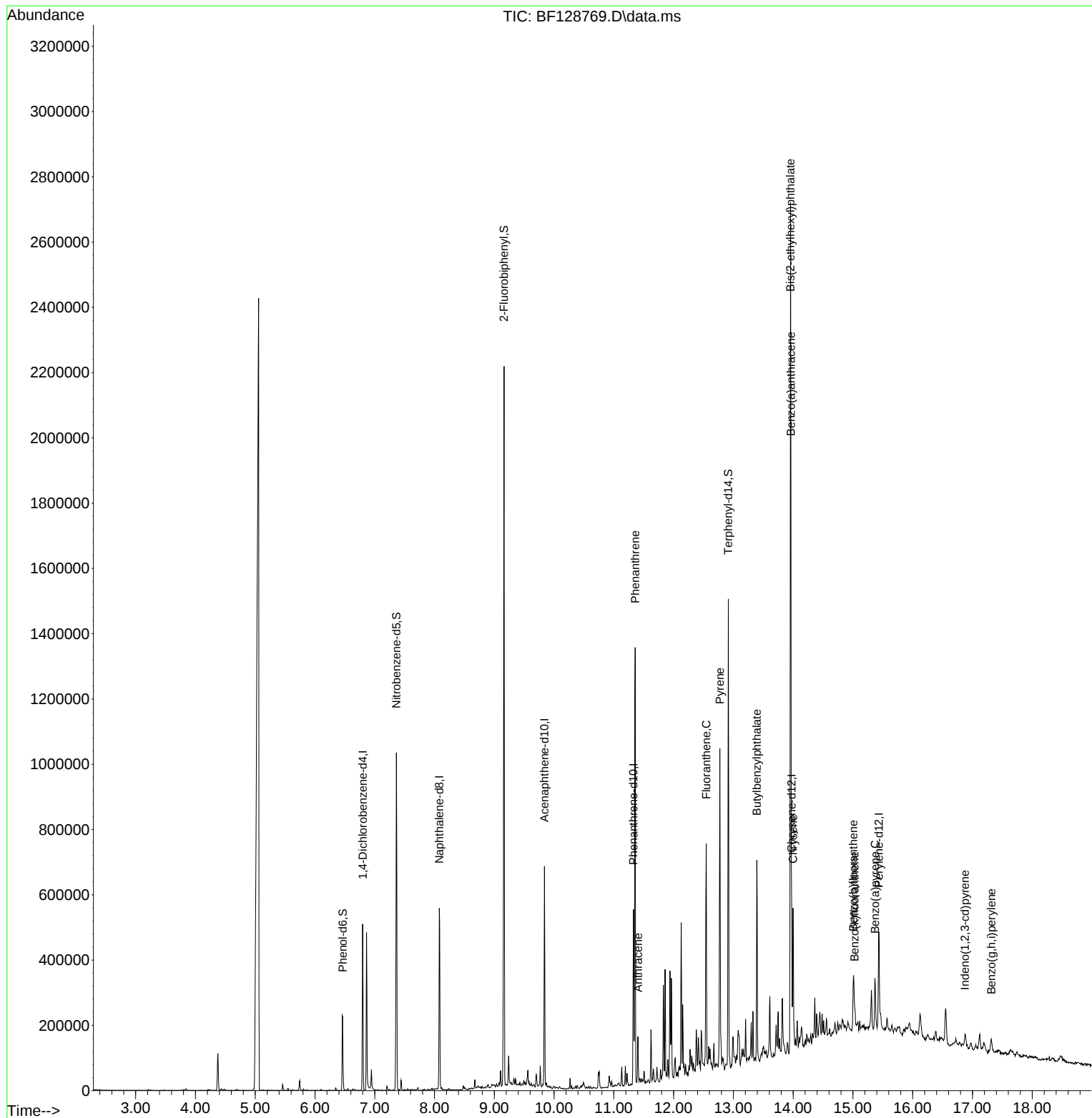
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061022\
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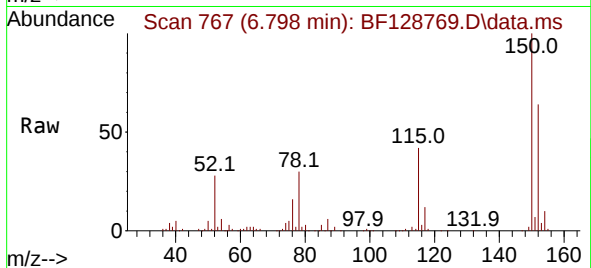
Reviewed By : Christian Giraldo 06/13/2022
Supervised By : Jagrut Upadhyay 06/13/2022





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.798 min Scan# 70
Delta R.T. -0.012 min
Lab File: BF128769.D
Acq: 10 Jun 2022 20:15

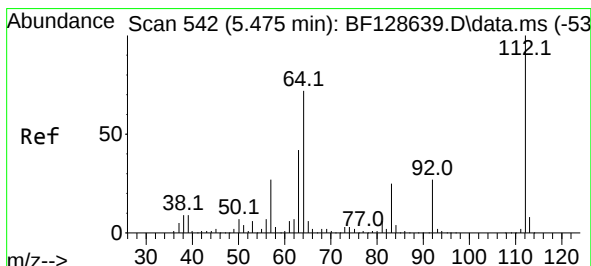
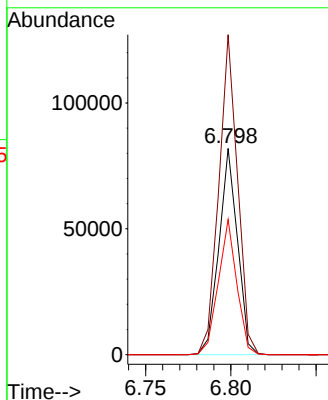
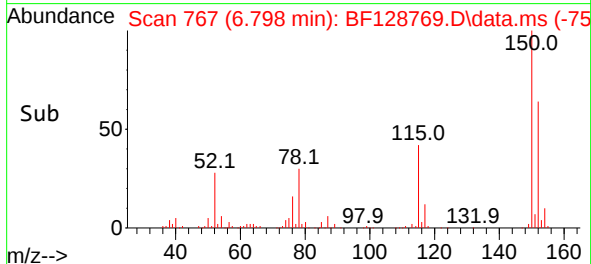
Instrument :
BNA_F
ClientSampleId :
SC-15



Tgt Ion:152 Resp: 62299
Ion Ratio Lower Upper
152 100
150 155.1 123.7 185.5
115 65.6 49.9 74.9

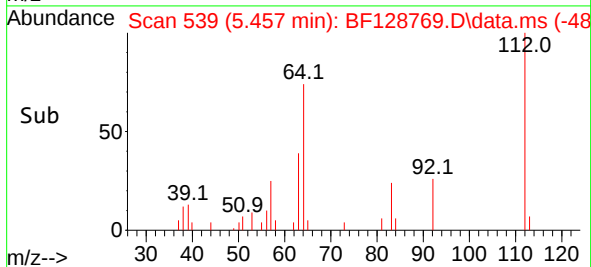
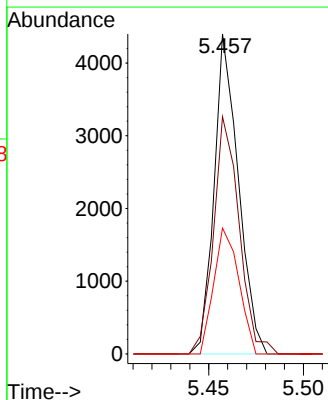
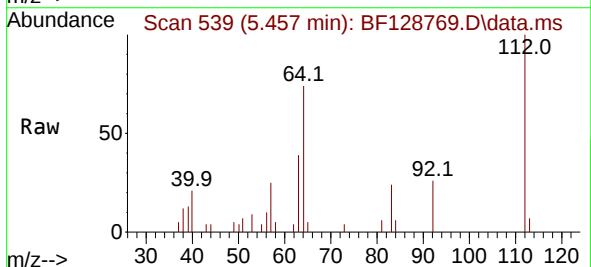
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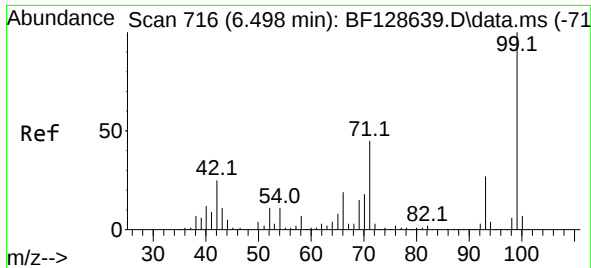
Reviewed By :Christian Giraldo 06/13/2022
Supervised By :Jagrut Upadhyay 06/13/2022



#5
2-Fluorophenol
Concen: 1.002 ng
RT: 5.457 min Scan# 539
Delta R.T. -0.000 min
Lab File: BF128769.D
Acq: 10 Jun 2022 20:15

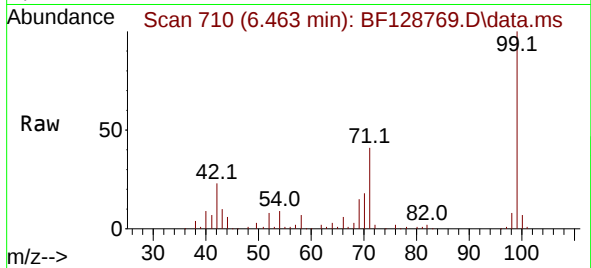
Tgt Ion:112 Resp: 3919
Ion Ratio Lower Upper
112 100
64 74.1 53.3 79.9
63 39.4 28.0 42.0





#7
Phenol-d6
Concen: 14.729 ng
RT: 6.463 min Scan# 71
Delta R.T. -0.018 min
Lab File: BF128769.D
Acq: 10 Jun 2022 20:15

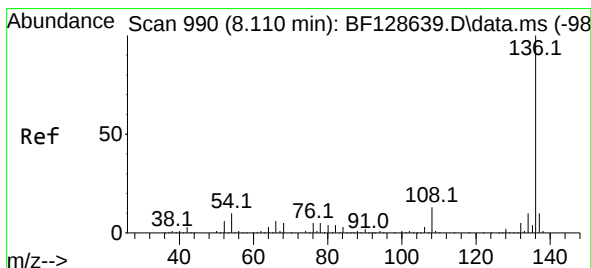
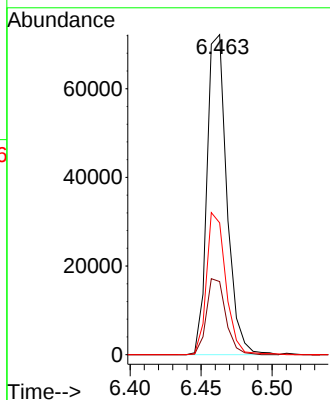
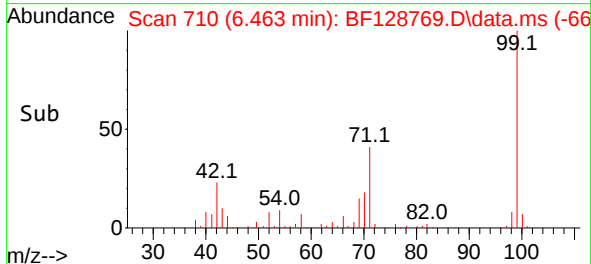
Instrument :
BNA_F
ClientSampleId :
SC-15



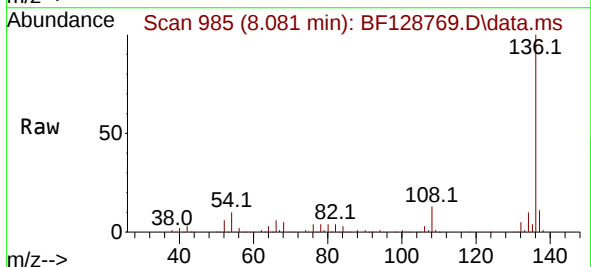
Tgt Ion: 99 Resp: 7032
Ion Ratio Lower Upper
99 100
42 22.9 17.3 25.9
71 41.2 28.9 43.3

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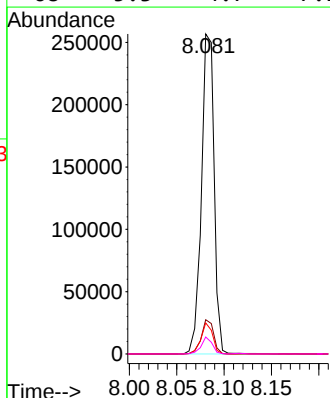
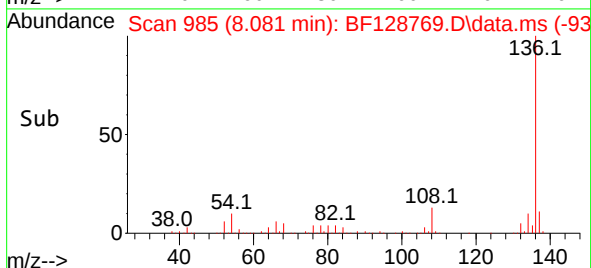
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#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.081 min Scan# 985
Delta R.T. -0.018 min
Lab File: BF128769.D
Acq: 10 Jun 2022 20:15



Tgt Ion:136 Resp: 239995
Ion Ratio Lower Upper
136 100
137 10.7 8.8 13.2
54 9.7 7.5 11.3
68 5.3 4.7 7.1





#23

Nitrobenzene-d5

Concen: 61.338 ng

RT: 7.363 min Scan# 80

Delta R.T. -0.018 min

Lab File: BF128769.D

Acq: 10 Jun 2022 20:15

Instrument :

BNA_F

ClientSampleId :

SC-15

Tgt Ion: 82 Resp: 316180

Ion Ratio Lower Upper

82 100

128 39.1 34.0 51.0

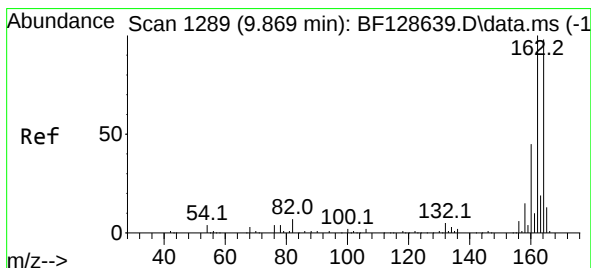
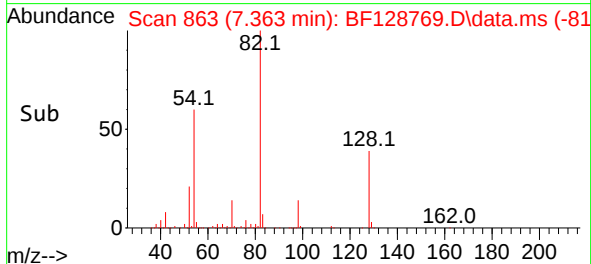
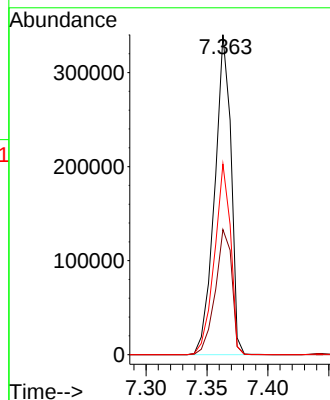
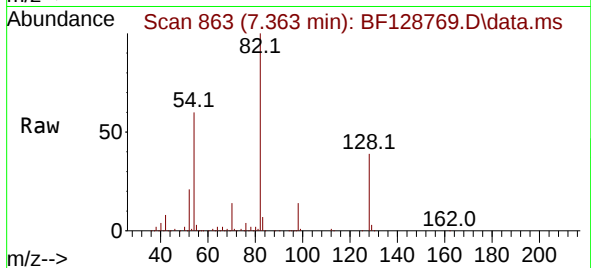
54 59.6 46.9 70.3

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#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.839 min Scan# 1284

Delta R.T. -0.018 min

Lab File: BF128769.D

Acq: 10 Jun 2022 20:15

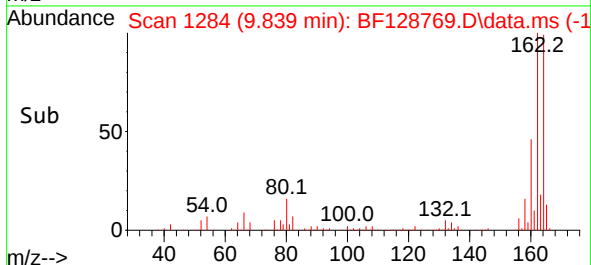
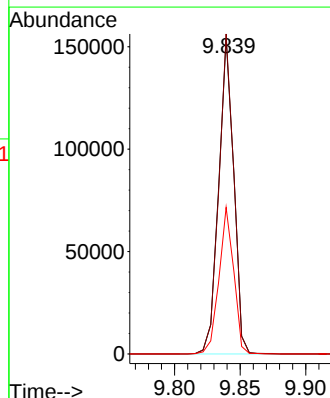
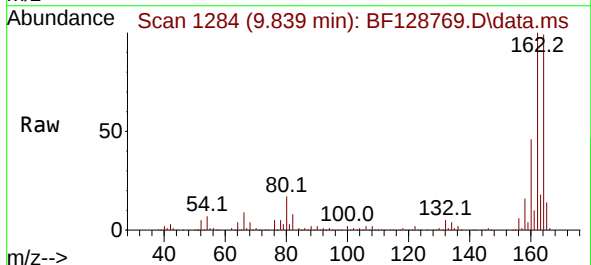
Tgt Ion:164 Resp: 122688

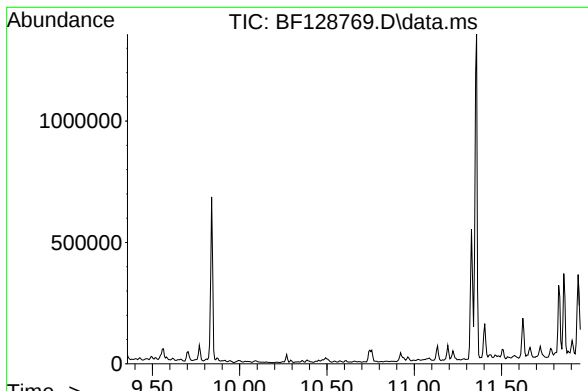
Ion Ratio Lower Upper

164 100

162 101.4 79.5 119.3

160 46.5 34.2 51.4





#42
 2,4,6-Tribromophenol
 Concen: 0.000 ng
 Expected RT: 10.65 min
 Lab File: BF128769.D
 Acq: 10 Jun 2022 20:15

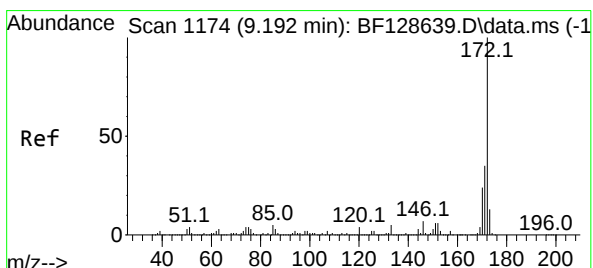
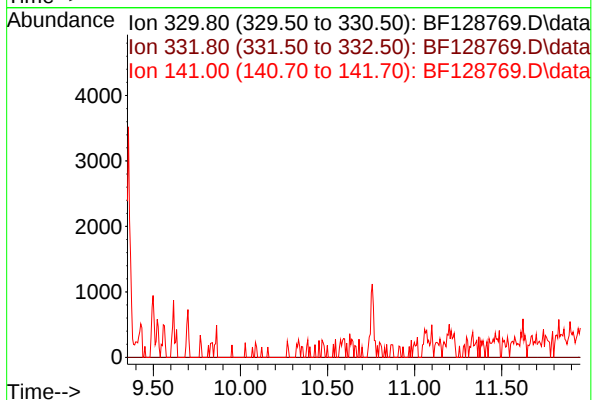
Instrument :
 BNA_F
 ClientSampleId :
 SC-15

Tgt Ion: 330

Sig	Exp	Ratio
330	100	
332	96.0	
141	35.0	

Manual Integrations
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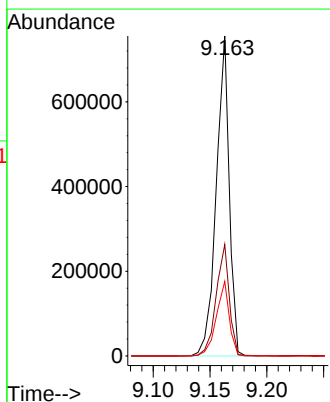
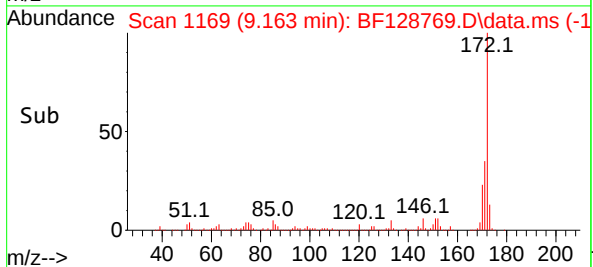
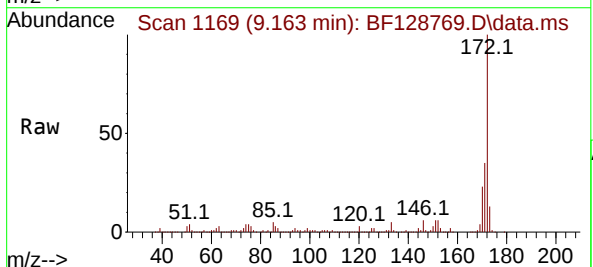
Reviewed By :Christian Giraldo 06/13/2022
 Supervised By :Jagrut Upadhyay 06/13/2022

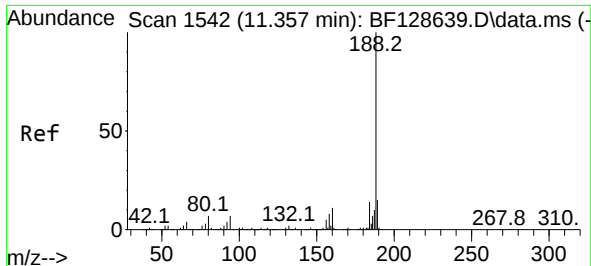


#45
 2-Fluorobiphenyl
 Concen: 68.762 ng
 RT: 9.163 min Scan# 1169
 Delta R.T. -0.012 min
 Lab File: BF128769.D
 Acq: 10 Jun 2022 20:15

Tgt Ion:172 Resp: 602250

Ion	Ratio	Lower	Upper
172	100		
171	34.9	28.8	43.2
170	23.3	19.8	29.8





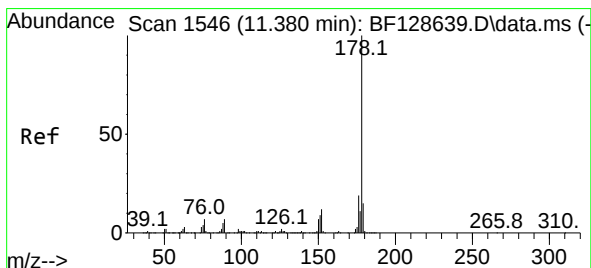
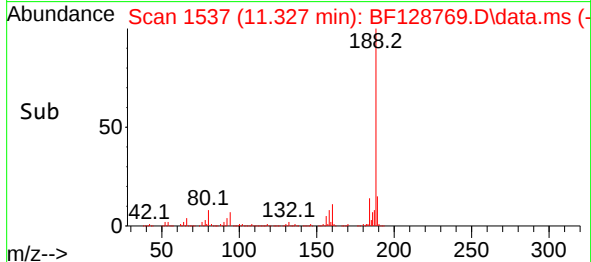
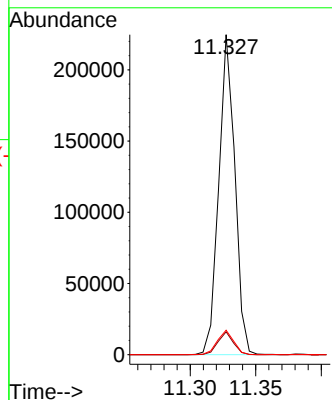
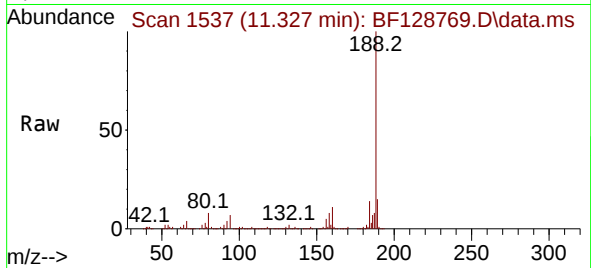
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.327 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF128769.D
Acq: 10 Jun 2022 20:15

Instrument :
BNA_F
ClientSampleId :
SC-15

Tgt Ion:188 Resp: 19140
Ion Ratio Lower Upper
188 100
94 7.2 7.0 10.6
80 7.7 7.6 11.4

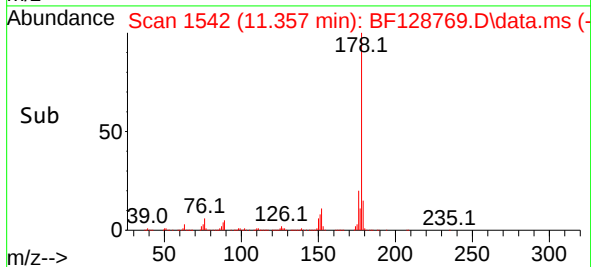
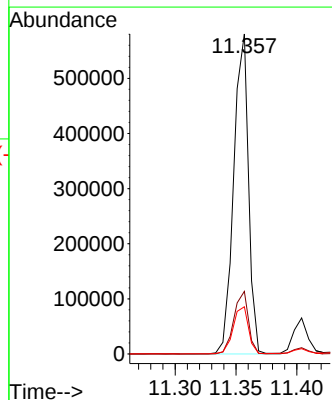
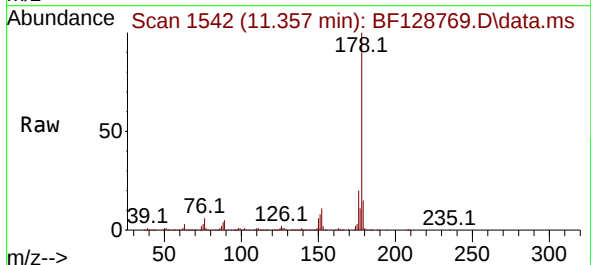
Manual Integrations
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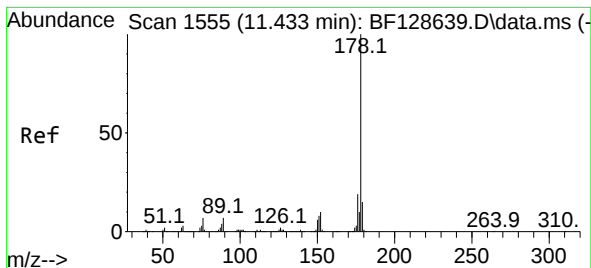
Reviewed By :Christian Giraldo 06/13/2022
Supervised By :Jagrut Upadhyay 06/13/2022



#71
Phenanthrene
Concen: 51.211 ng
RT: 11.357 min Scan# 1542
Delta R.T. -0.012 min
Lab File: BF128769.D
Acq: 10 Jun 2022 20:15

Tgt Ion:178 Resp: 491639
Ion Ratio Lower Upper
178 100
176 19.6 16.0 24.0
179 14.7 12.6 19.0





#72

Anthracene

Concen: 5.658 ng

RT: 11.404 min Scan# 11

Delta R.T. -0.018 min

Lab File: BF128769.D

Acq: 10 Jun 2022 20:15

Instrument :

BNA_F

ClientSampleId :

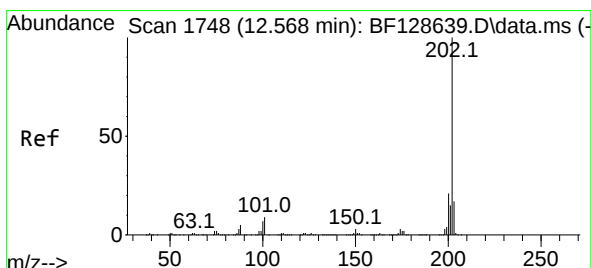
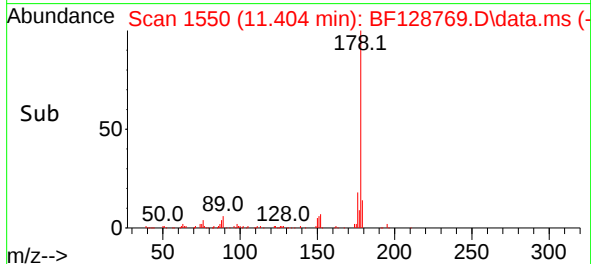
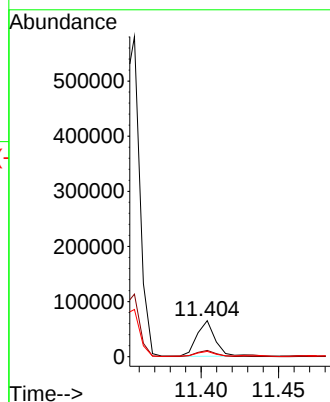
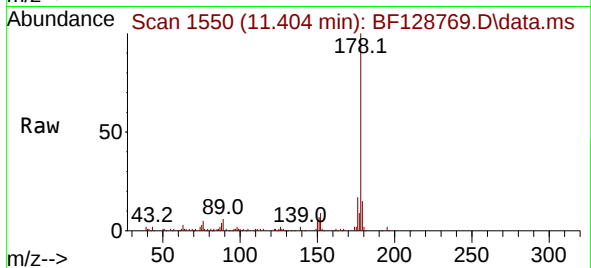
SC-15

Tgt Ion:178 Resp: 53762
 Ion Ratio Lower Upper
 178 100
 176 17.5 15.4 23.2
 179 14.7 12.6 19.0

Manual Integrations

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Reviewed By :Christian Giraldo 06/13/2022
 Supervised By :Jagrut Upadhyay 06/13/2022



#75

Fluoranthene

Concen: 22.875 ng

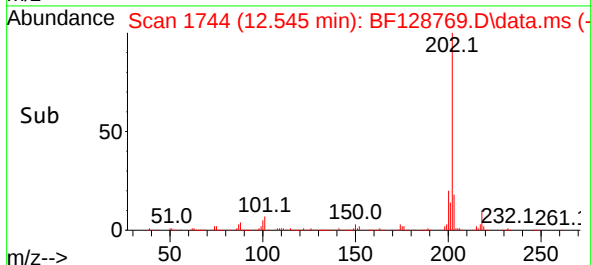
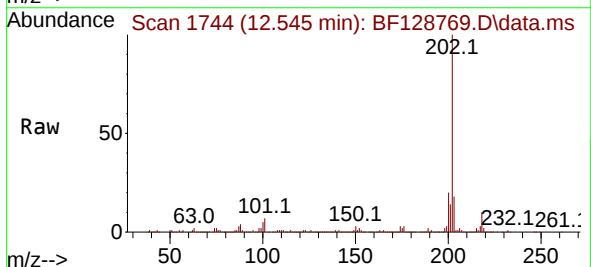
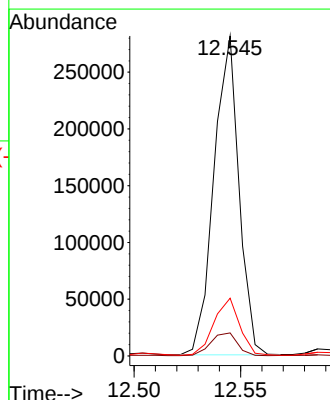
RT: 12.545 min Scan# 1744

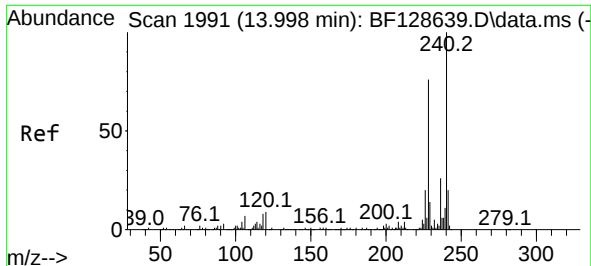
Delta R.T. -0.012 min

Lab File: BF128769.D

Acq: 10 Jun 2022 20:15

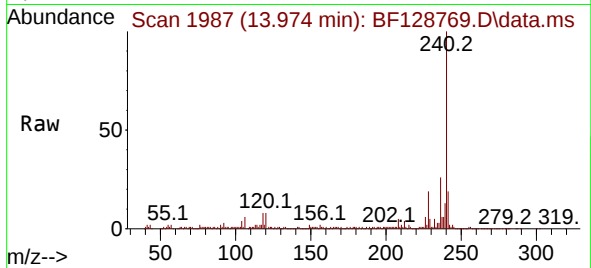
Tgt Ion:202 Resp: 229557
 Ion Ratio Lower Upper
 202 100
 101 7.2 0.0 31.4
 203 18.1 0.0 38.0





#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.974 min Scan# 1991
Delta R.T. -0.012 min
Lab File: BF128769.D
Acq: 10 Jun 2022 20:15

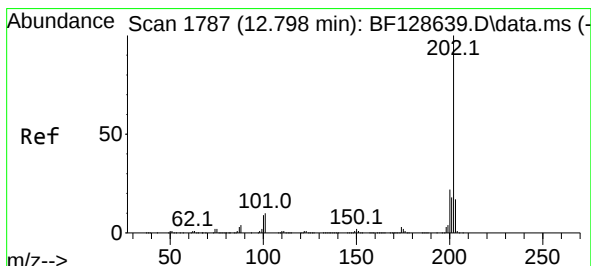
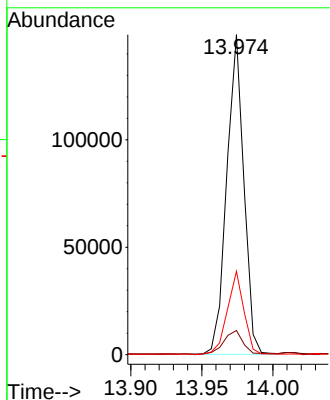
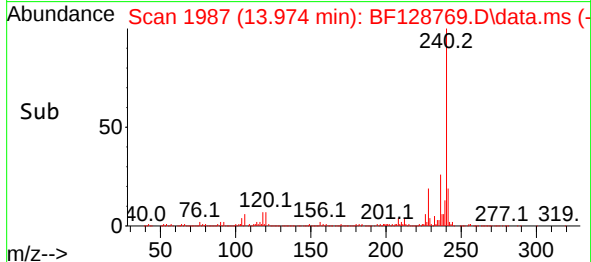
Instrument :
BNA_F
ClientSampleId :
SC-15



Tgt Ion:240 Resp: 124268
Ion Ratio Lower Upper
240 100
120 7.6 8.9 13.3
236 26.0 20.8 31.2

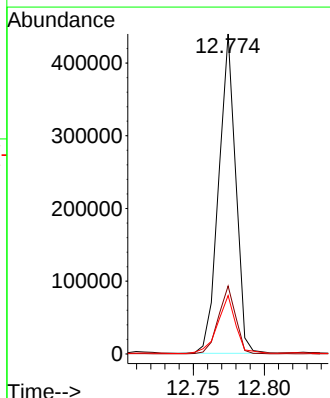
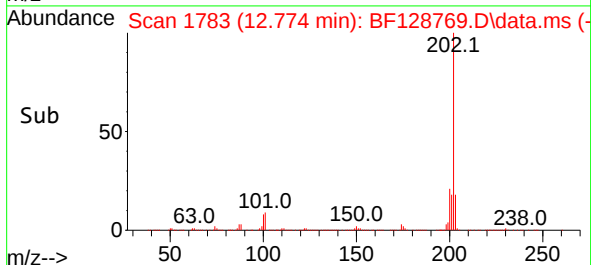
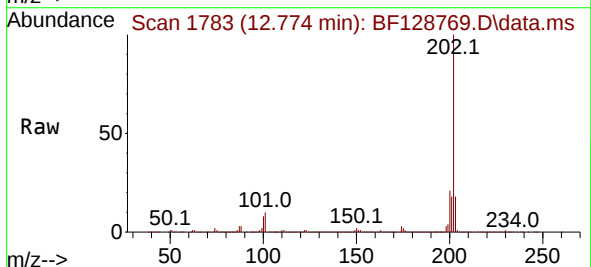
Manual Integrations
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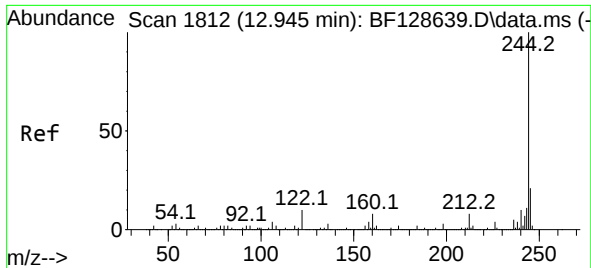
Reviewed By :Christian Giraldo 06/13/2022
Supervised By :Jagrut Upadhyay 06/13/2022



#78
Pyrene
Concen: 39.542 ng
RT: 12.774 min Scan# 1783
Delta R.T. -0.012 min
Lab File: BF128769.D
Acq: 10 Jun 2022 20:15

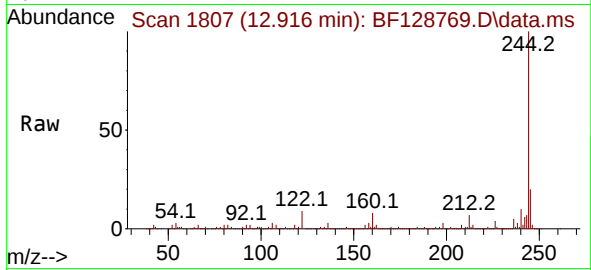
Tgt Ion:202 Resp: 365583
Ion Ratio Lower Upper
202 100
200 21.3 17.7 26.5
203 18.2 14.6 21.8





#79
 Terphenyl-d14
 Concen: 61.153 ng
 RT: 12.916 min Scan# 1807
 Delta R.T. -0.018 min
 Lab File: BF128769.D
 Acq: 10 Jun 2022 20:15

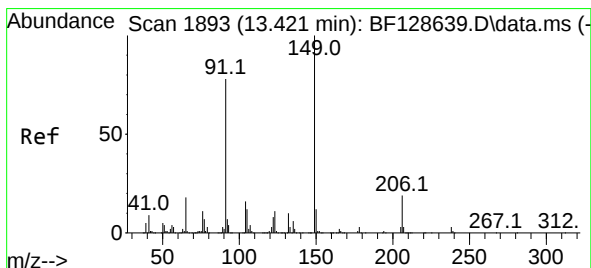
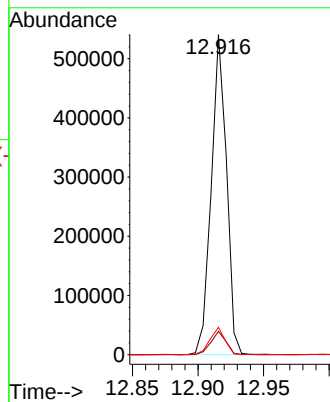
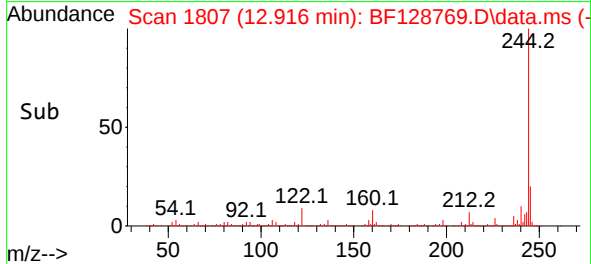
Instrument :
 BNA_F
 ClientSampleId :
 SC-15



Tgt Ion:244 Resp: 437340
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.1 9.1
 122 8.6 8.8 13.2

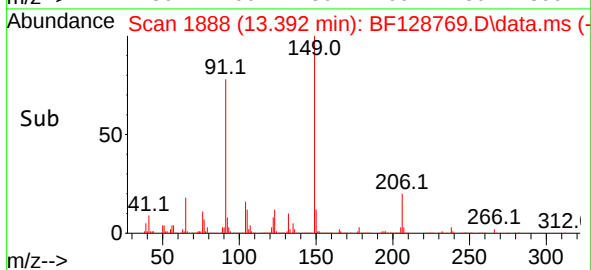
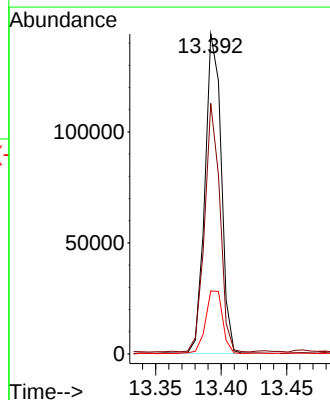
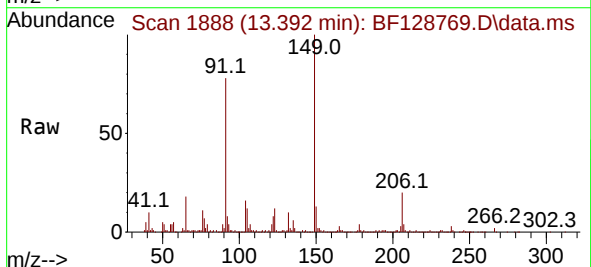
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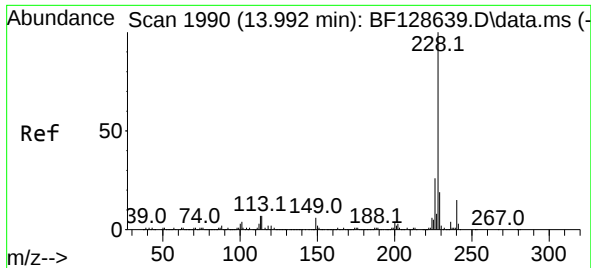
Reviewed By :Christian Giraldo 06/13/2022
 Supervised By :Jagrut Upadhyay 06/13/2022



#80
 Butylbenzylphthalate
 Concen: 32.112 ng
 RT: 13.392 min Scan# 1888
 Delta R.T. -0.012 min
 Lab File: BF128769.D
 Acq: 10 Jun 2022 20:15

Tgt Ion:149 Resp: 124677
 Ion Ratio Lower Upper
 149 100
 91 78.3 61.2 91.8
 206 19.7 15.7 23.5





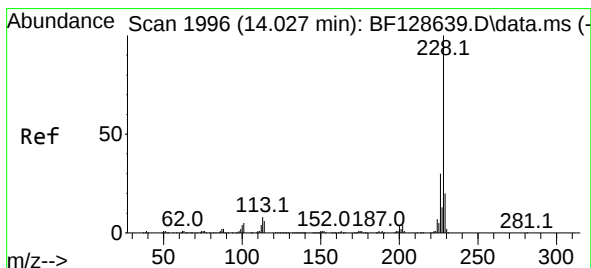
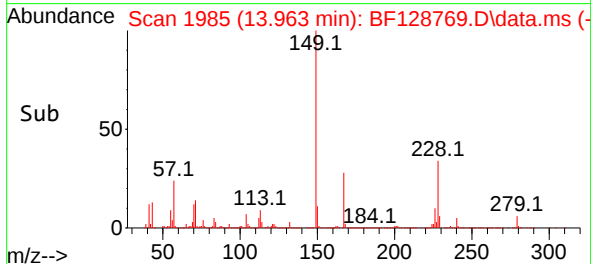
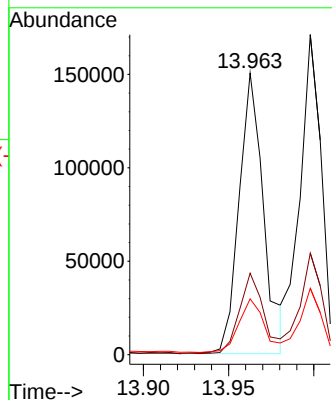
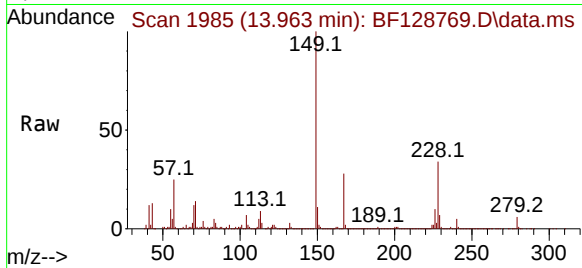
#81
Benzo(a)anthracene
Concen: 19.396 ng
RT: 13.963 min Scan# 1985
Delta R.T. -0.012 min
Lab File: BF128769.D
Acq: 10 Jun 2022 20:15

Instrument :
BNA_F
ClientSampleId :
SC-15

Tgt Ion:228 Resp: 150244
Ion Ratio Lower Upper
228 100
226 28.9 22.1 33.1
229 19.8 15.8 23.8

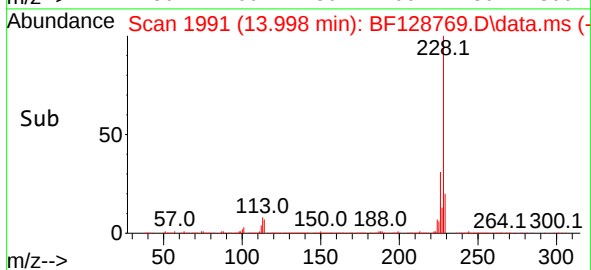
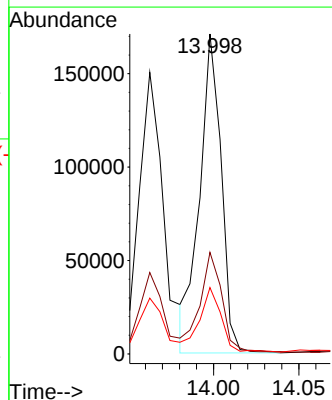
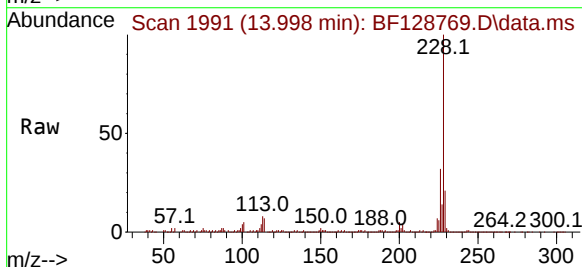
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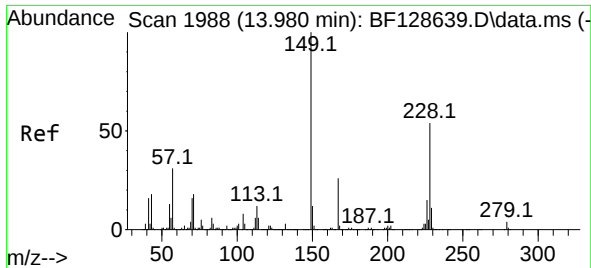
Reviewed By :Christian Giraldo 06/13/2022
Supervised By :Jagrut Upadhyay 06/13/2022



#83
Chrysene
Concen: 20.346 ng
RT: 13.998 min Scan# 1991
Delta R.T. -0.018 min
Lab File: BF128769.D
Acq: 10 Jun 2022 20:15

Tgt Ion:228 Resp: 150255
Ion Ratio Lower Upper
228 100
226 31.7 24.3 36.5
229 20.8 15.9 23.9





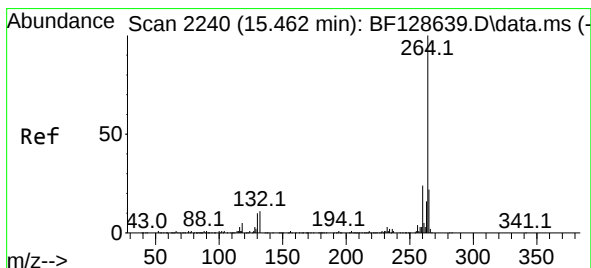
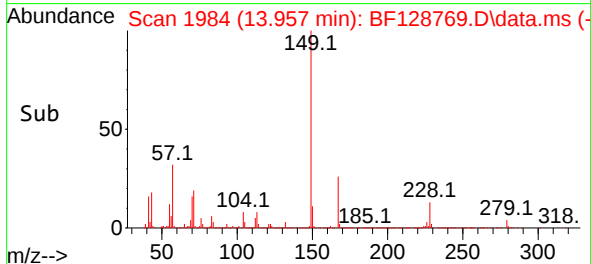
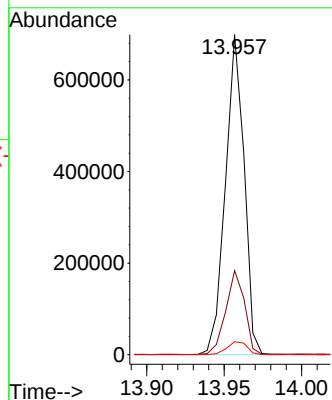
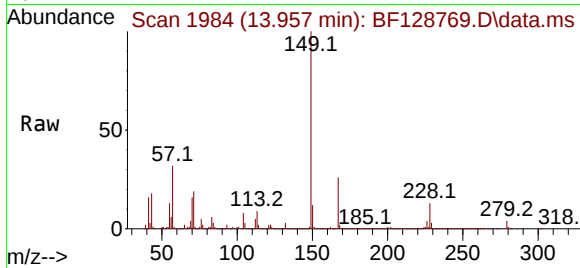
#84
Bis(2-ethylhexyl)phthalate
Concen: 116.084 ng
RT: 13.957 min Scan# 1984
Delta R.T. -0.006 min
Lab File: BF128769.D
Acq: 10 Jun 2022 20:15

Instrument :
BNA_F
ClientSampleId :
SC-15

Tgt Ion:149 Resp: 585950
Ion Ratio Lower Upper
149 100
167 26.3 21.0 31.4
279 4.1 3.1 4.7

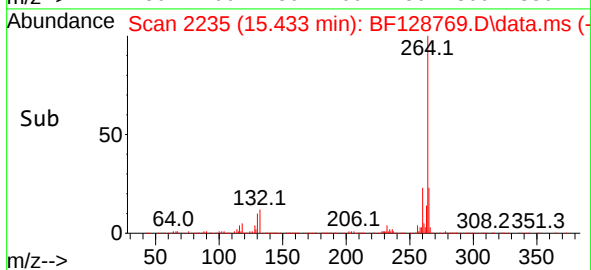
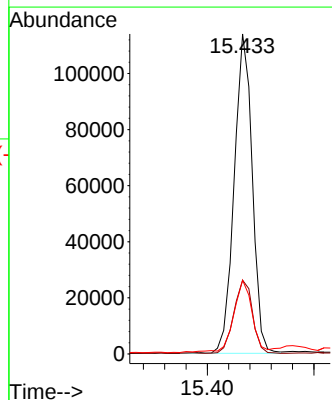
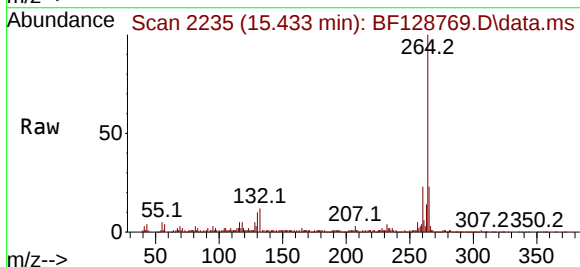
Manual Integrations
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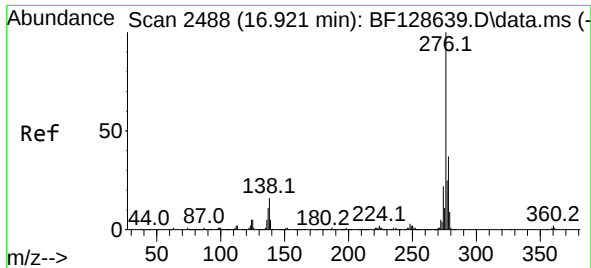
Reviewed By :Christian Giraldo 06/13/2022
Supervised By :Jagrut Upadhyay 06/13/2022



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.433 min Scan# 2235
Delta R.T. -0.012 min
Lab File: BF128769.D
Acq: 10 Jun 2022 20:15

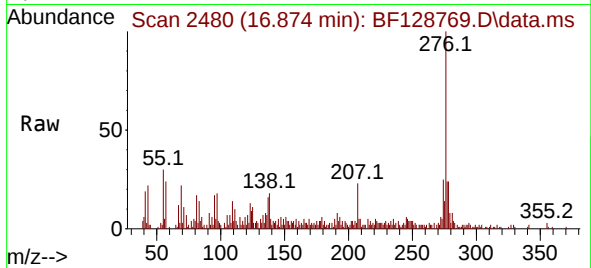
Tgt Ion:264 Resp: 134301
Ion Ratio Lower Upper
264 100
260 23.1 18.4 27.6
265 23.1 17.2 25.8





#87
Indeno(1,2,3-cd)pyrene
Concen: 3.295 ng
RT: 16.874 min Scan# 2488
Delta R.T. -0.024 min
Lab File: BF128769.D
Acq: 10 Jun 2022 20:15

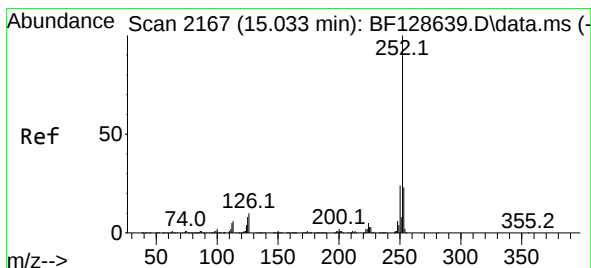
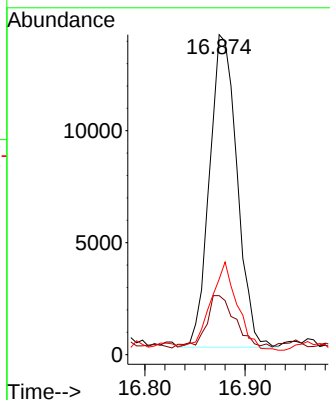
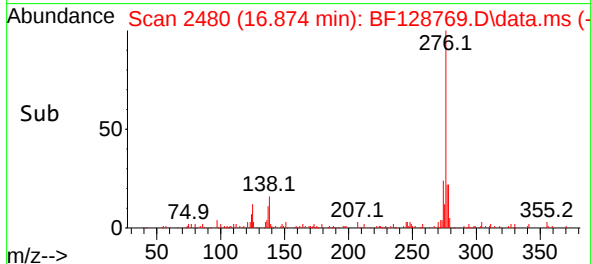
Instrument :
BNA_F
ClientSampleId :
SC-15



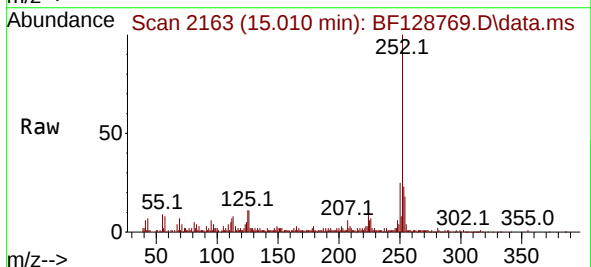
Tgt Ion: 276 Resp: 2667
Ion Ratio Lower Upper
276 100
138 17.8 21.1 31.7
277 27.7 20.3 30.5

Manual Integrations
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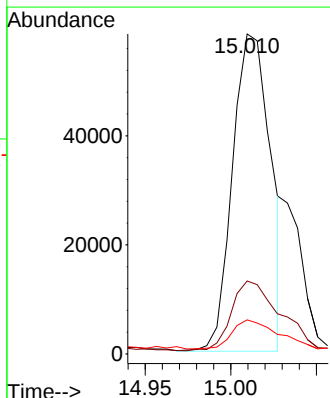
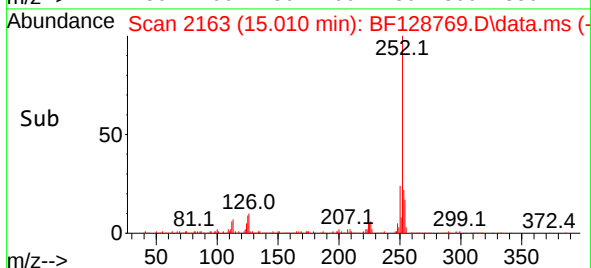
Reviewed By : Christian Giraldo 06/13/2022
Supervised By : Jagrut Upadhyay 06/13/2022

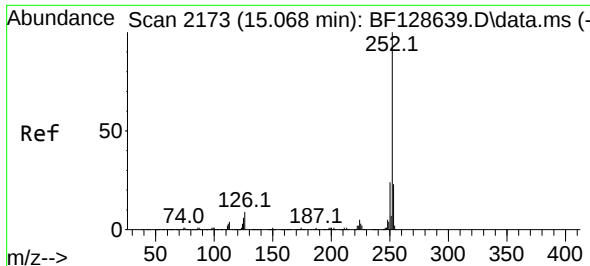


#88
Benzo(b)fluoranthene
Concen: 10.501 ng m
RT: 15.010 min Scan# 2163
Delta R.T. -0.012 min
Lab File: BF128769.D
Acq: 10 Jun 2022 20:15



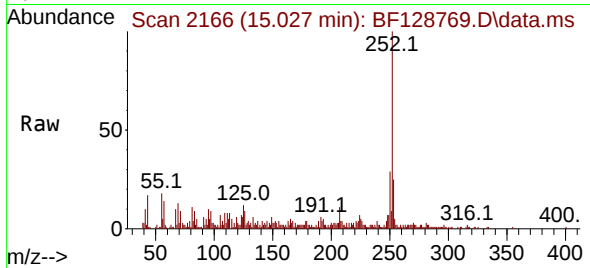
Tgt Ion: 252 Resp: 90113
Ion Ratio Lower Upper
252 100
253 22.8 17.7 26.5
125 10.7 8.0 12.0





#89
Benzo(k)fluoranthene
Concen: 2.706 ng m
RT: 15.027 min Scan# 2173
Delta R.T. -0.024 min
Lab File: BF128769.D
Acq: 10 Jun 2022 20:15

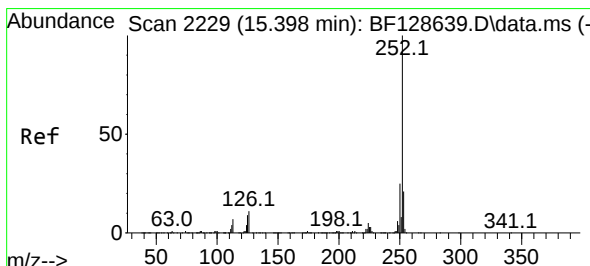
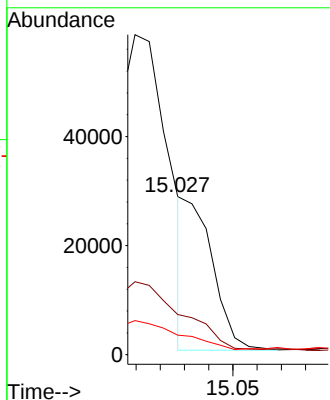
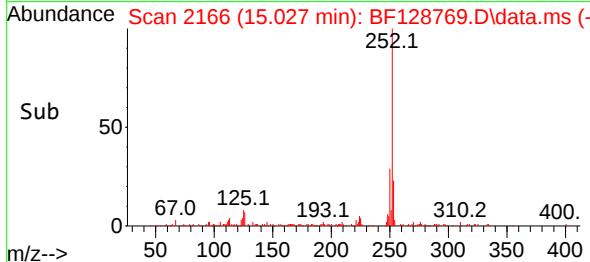
Instrument :
BNA_F
ClientSampleId :
SC-15



Tgt Ion:252 Resp: 2184
Ion Ratio Lower Upper
252 100
253 25.4 17.8 26.6
125 12.4 8.3 12.5

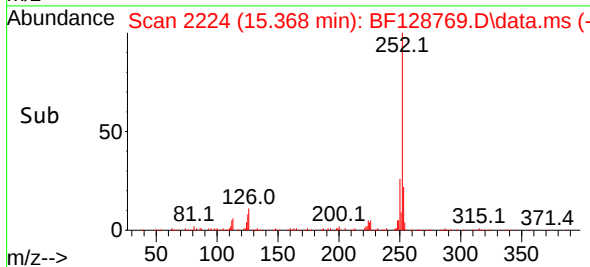
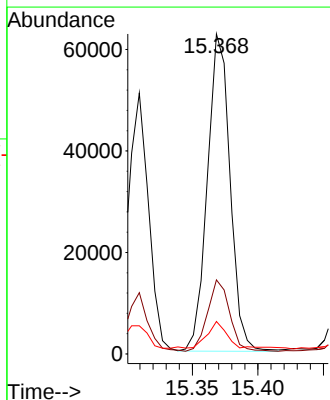
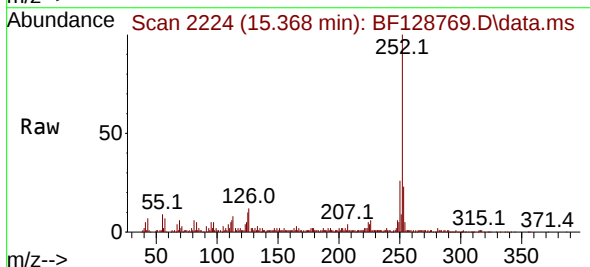
Manual Integrations
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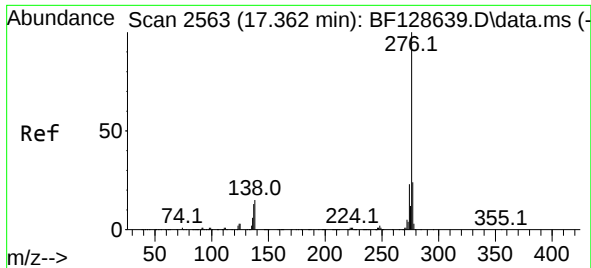
Reviewed By :Christian Giraldo 06/13/2022
Supervised By :Jagrut Upadhyay 06/13/2022



#90
Benzo(a)pyrene
Concen: 11.174 ng
RT: 15.368 min Scan# 2224
Delta R.T. -0.018 min
Lab File: BF128769.D
Acq: 10 Jun 2022 20:15

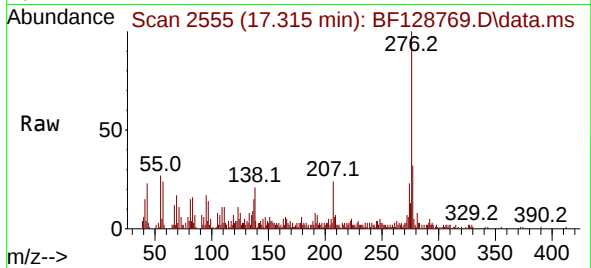
Tgt Ion:252 Resp: 75369
Ion Ratio Lower Upper
252 100
253 23.1 17.0 25.6
125 10.1 8.8 13.2





#92
 Benzo(g,h,i)perylene
 Concen: 4.122 ng m
 RT: 17.315 min Scan# 21
 Delta R.T. -0.024 min
 Lab File: BF128769.D
 Acq: 10 Jun 2022 20:15

Instrument :
 BNA_F
 ClientSampleId :
 SC-15



Tgt Ion: 276 Resp: 2742
 Ion Ratio Lower Upper
 276 100
 277 31.6 19.1 28.7
 138 21.1 18.0 27.0

Manual Integrations
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Reviewed By : Christian Giraldo 06/13/2022
 Supervised By : Jagrut Upadhyay 06/13/2022

