

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061422\
 Data File : BF128816.D
 Acq On : 14 Jun 2022 23:13
 Operator : CG\JU
 Sample : N3319-01
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TR-06-061022

Quant Time: Jun 15 01:03:28 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 14 14:53:53 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Christian Giraldo 06/15/2022
 Supervised By : Jagrut Upadhyay 06/15/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	60442	20.000	ng	0.00
21) Naphthalene-d8	8.063	136	192196	20.000	ng	0.00
39) Acenaphthene-d10	9.822	164	100073	20.000	ng	0.00
64) Phenanthrene-d10	11.310	188	177634	20.000	ng	# 0.00
76) Chrysene-d12	13.968	240	123488	20.000	ng	0.00
86) Perylene-d12	15.421	264	92563	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	316577	83.428	ng	0.00
7) Phenol-d6	6.439	99	411298	88.795	ng	0.00
23) Nitrobenzene-d5	7.345	82	256166	62.055	ng	0.00
42) 2,4,6-Tribromophenol	10.616	330	100697	85.162	ng	0.00
45) 2-Fluorobiphenyl	9.145	172	478971	67.045	ng	0.00
79) Terphenyl-d14	12.933	244	498012	70.077	ng	0.03
Target Compounds						
						Qvalue
71) Phenanthrene	11.333	178	20839	2.339	ng	98
75) Fluoranthene	12.545	202	30359m	3.260	ng	
78) Pyrene	12.827	202	68373m	7.442	ng	
81) Benzo(a)anthracene	13.957	228	35017	4.549	ng	# 81
83) Chrysene	13.992	228	37229	5.073	ng	# 86
87) Indeno(1,2,3-cd)pyrene	16.862	276	16221	2.907	ng	# 88
88) Benzo(b)fluoranthene	14.998	252	36651m	6.197	ng	
89) Benzo(k)fluoranthene	15.027	252	14207m	2.553	ng	
90) Benzo(a)pyrene	15.357	252	25677	5.523	ng	# 66
92) Benzo(g,h,i)perylene	17.309	276	13822	3.014	ng	# 71

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

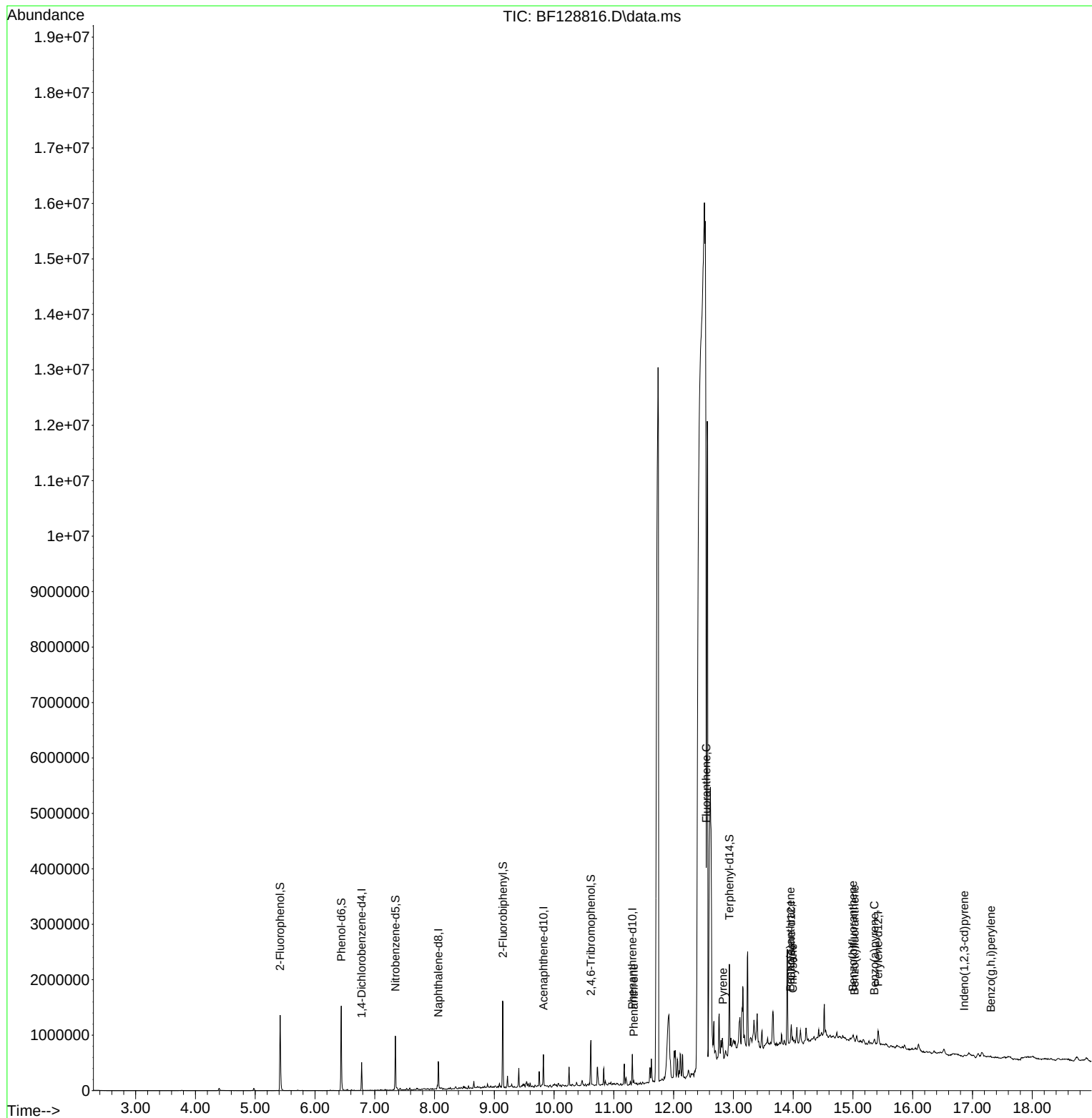
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061422\
Data File : BF128816.D
Acq On : 14 Jun 2022 23:13
Operator : CG\JU
Sample : N3319-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

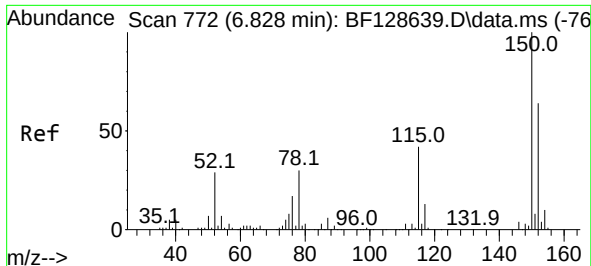
Instrument :
BNA_F
ClientSampleId :
TR-06-061022

Quant Time: Jun 15 01:03:28 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 14 14:53:53 2022
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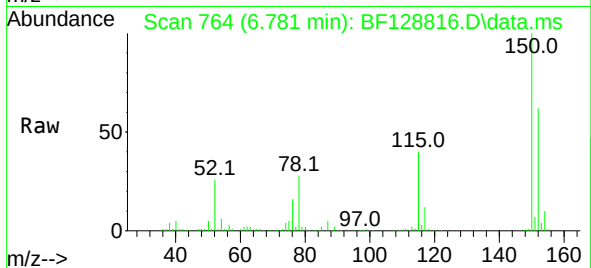
Reviewed By : Christian Giraldo 06/15/2022
Supervised By : Jagrut Upadhyay 06/15/2022





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 704
Delta R.T. -0.000 min
Lab File: BF128816.D
Acq: 14 Jun 2022 23:13

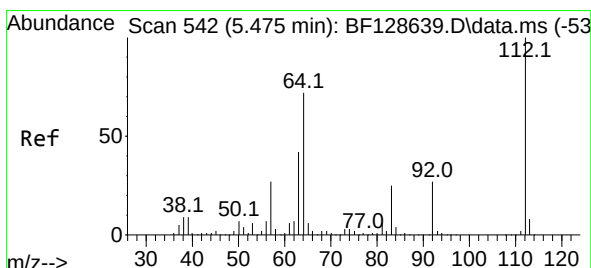
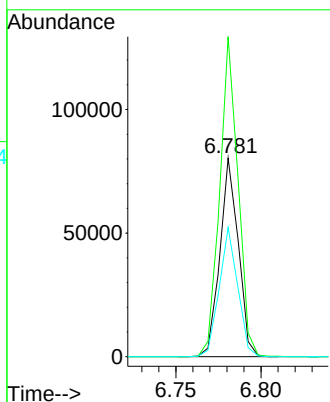
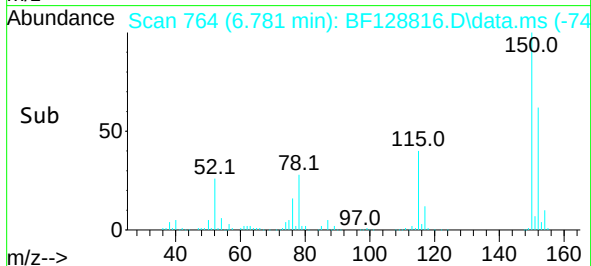
Instrument :
BNA_F
ClientSampleId :
TR-06-061022



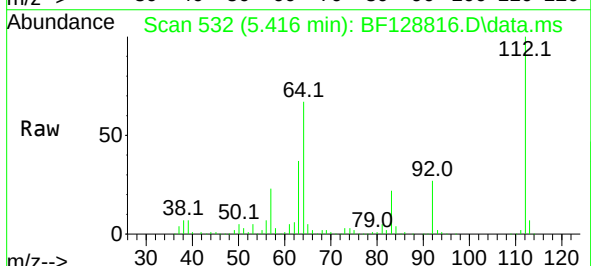
Tgt Ion:152 Resp: 60442
Ion Ratio Lower Upper
152 100
150 161.2 123.7 185.5
115 65.1 49.9 74.9

Manual Integrations
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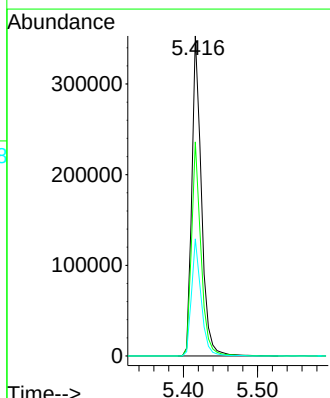
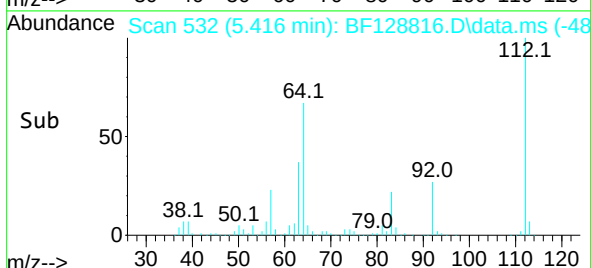
Reviewed By :Christian Giraldo 06/15/2022
Supervised By :Jagrut Upadhyay 06/15/2022

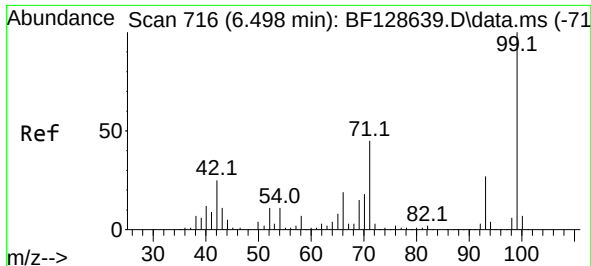


#5
2-Fluorophenol
Concen: 83.428 ng
RT: 5.416 min Scan# 532
Delta R.T. -0.000 min
Lab File: BF128816.D
Acq: 14 Jun 2022 23:13



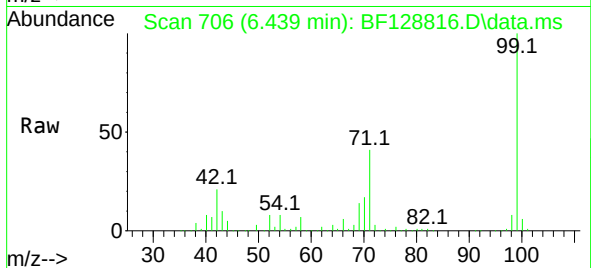
Tgt Ion:112 Resp: 316577
Ion Ratio Lower Upper
112 100
64 66.9 53.3 79.9
63 36.6 28.0 42.0





#7
Phenol-d6
Concen: 88.795 ng
RT: 6.439 min Scan# 706
Delta R.T. -0.000 min
Lab File: BF128816.D
Acq: 14 Jun 2022 23:13

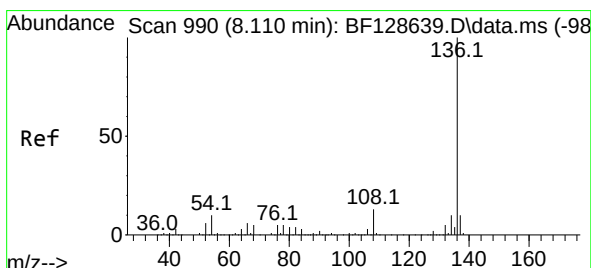
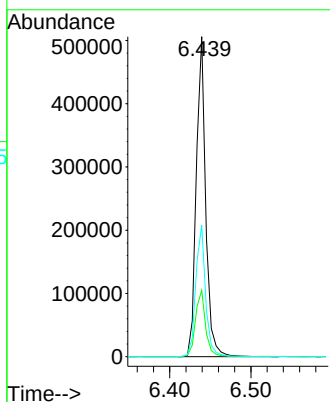
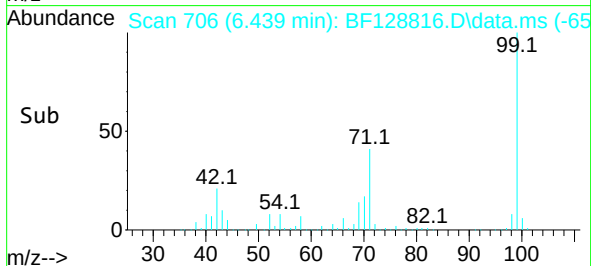
Instrument :
BNA_F
ClientSampleId :
TR-06-061022



Tgt Ion: 99 Resp: 411298
Ion Ratio Lower Upper
99 100
42 20.8 17.3 25.9
71 41.1 28.9 43.3

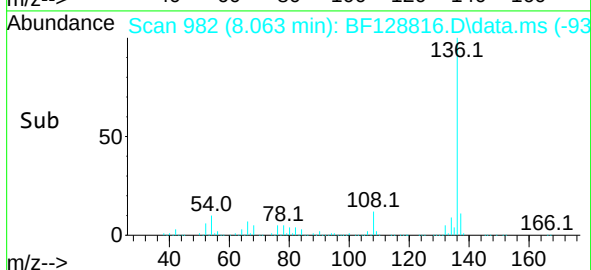
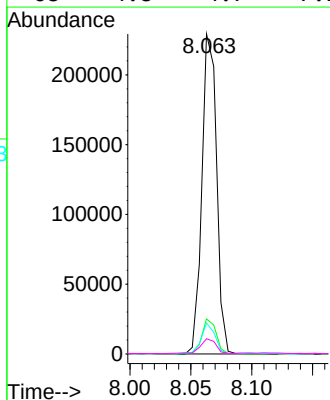
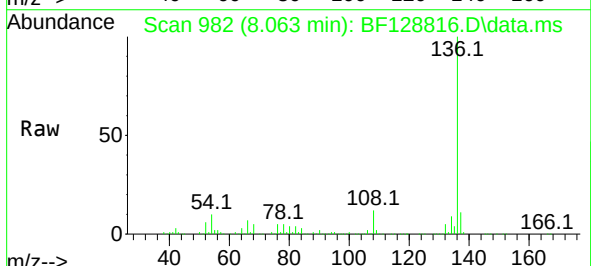
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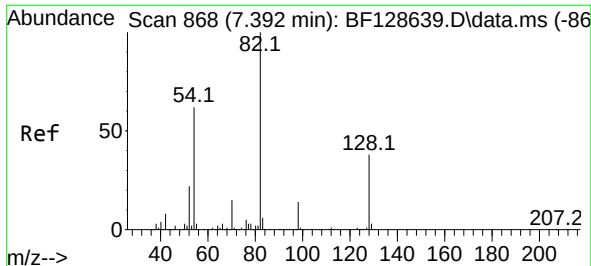
Reviewed By :Christian Giraldo 06/15/2022
Supervised By :Jagrut Upadhyay 06/15/2022



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.063 min Scan# 982
Delta R.T. -0.006 min
Lab File: BF128816.D
Acq: 14 Jun 2022 23:13

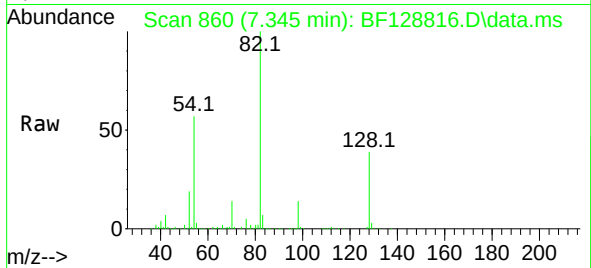
Tgt Ion:136 Resp: 192196
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 9.6 7.5 11.3
68 4.8 4.7 7.1





#23
Nitrobenzene-d5
Concen: 62.055 ng
RT: 7.345 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF128816.D
Acq: 14 Jun 2022 23:13

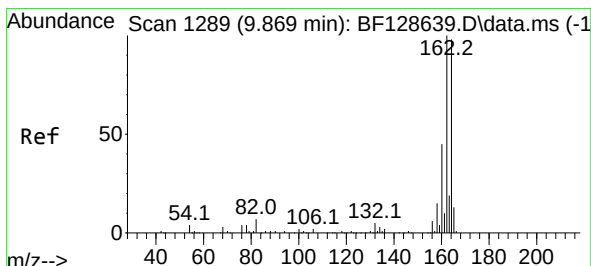
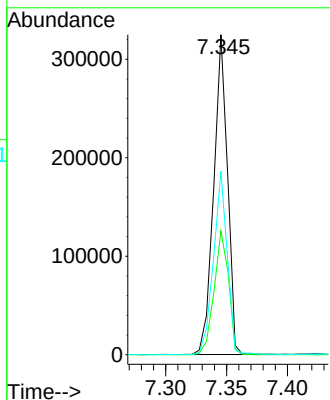
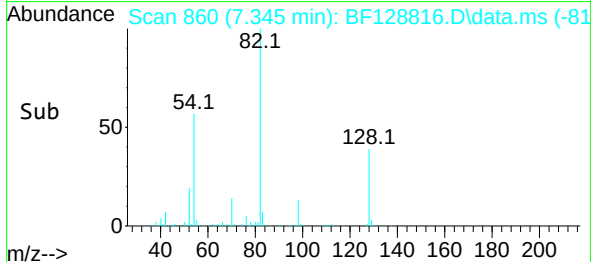
Instrument :
BNA_F
ClientSampleId :
TR-06-061022



Tgt Ion: 82 Resp: 256160
Ion Ratio Lower Upper
82 100
128 38.7 34.0 51.0
54 57.3 46.9 70.3

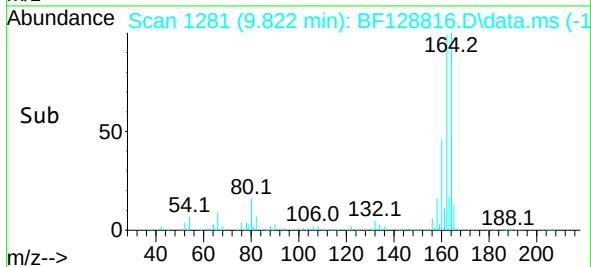
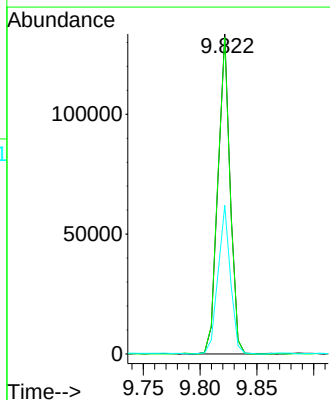
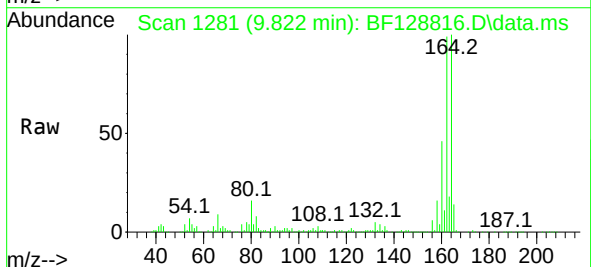
Manual Integrations
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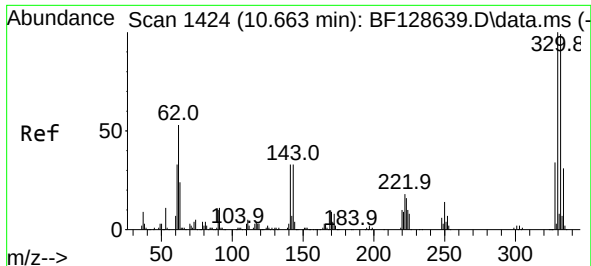
Reviewed By :Christian Giraldo 06/15/2022
Supervised By :Jagrut Upadhyay 06/15/2022



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.822 min Scan# 1281
Delta R.T. -0.006 min
Lab File: BF128816.D
Acq: 14 Jun 2022 23:13

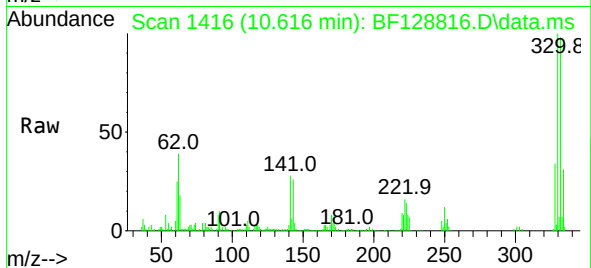
Tgt Ion:164 Resp: 100073
Ion Ratio Lower Upper
164 100
162 98.8 79.5 119.3
160 46.4 34.2 51.4





#42
2,4,6-Tribromophenol
Concen: 85.162 ng
RT: 10.616 min Scan# 1424
Delta R.T. -0.006 min
Lab File: BF128816.D
Acq: 14 Jun 2022 23:13

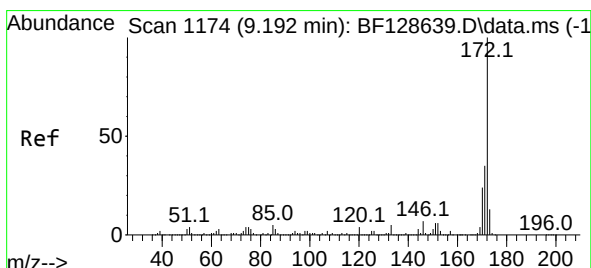
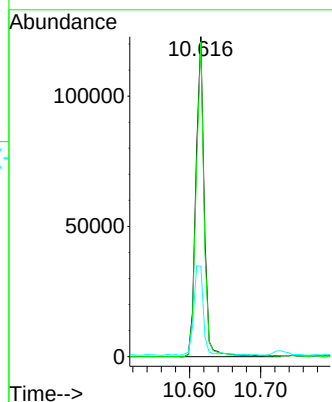
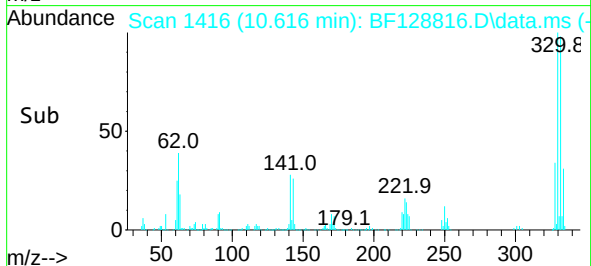
Instrument :
BNA_F
ClientSampleId :
TR-06-061022



Tgt Ion: 330 Resp: 100697
Ion Ratio Lower Upper
330 100
332 92.9 76.8 115.2
141 31.5 28.0 42.0

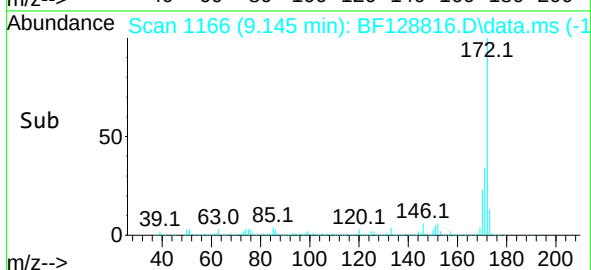
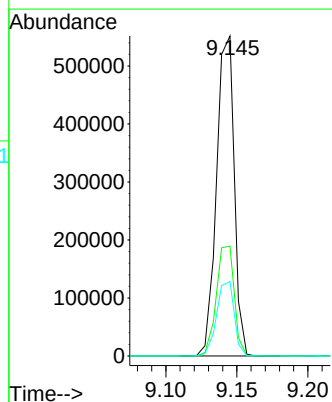
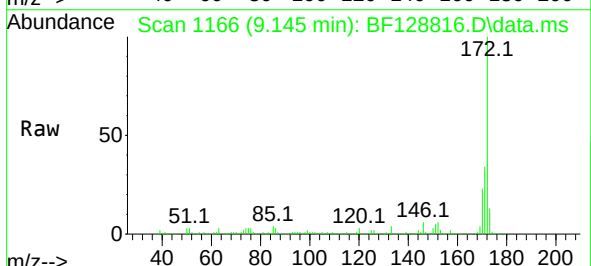
Manual Integrations
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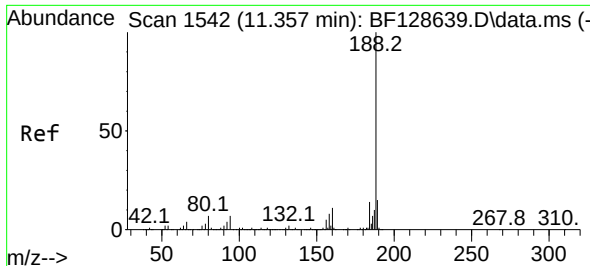
Reviewed By : Christian Giraldo 06/15/2022
Supervised By : Jagrut Upadhyay 06/15/2022



#45
2-Fluorobiphenyl
Concen: 67.045 ng
RT: 9.145 min Scan# 1166
Delta R.T. -0.000 min
Lab File: BF128816.D
Acq: 14 Jun 2022 23:13

Tgt Ion: 172 Resp: 478971
Ion Ratio Lower Upper
172 100
171 34.4 28.8 43.2
170 23.2 19.8 29.8





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF128816.D
Acq: 14 Jun 2022 23:13

Instrument :

BNA_F

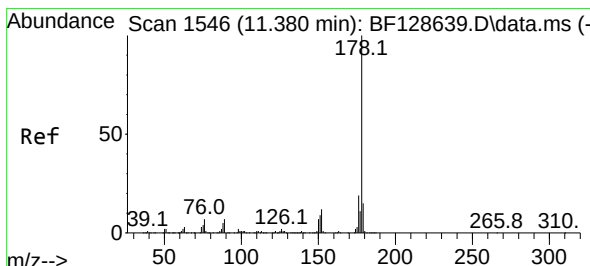
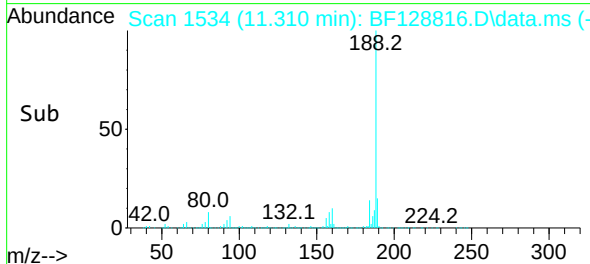
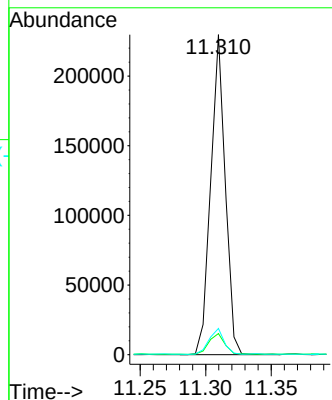
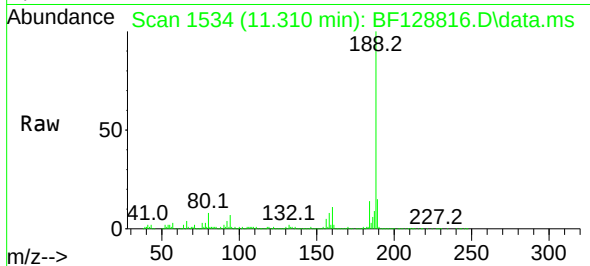
ClientSampleId :

TR-06-061022

Tgt Ion:188 Resp: 177634
Ion Ratio Lower Upper
188 100
94 6.6 7.0 10.6
80 8.2 7.6 11.4

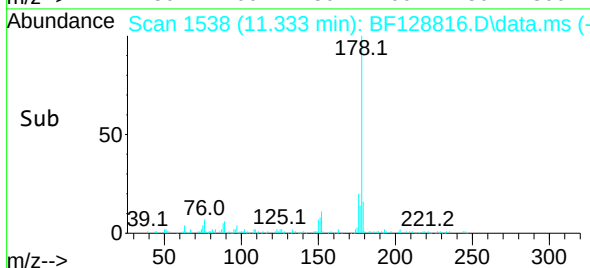
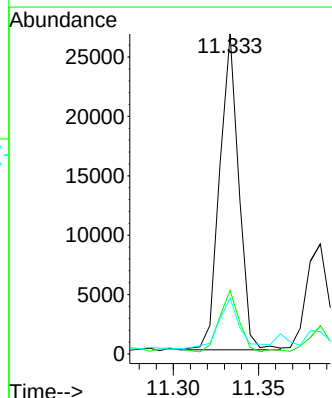
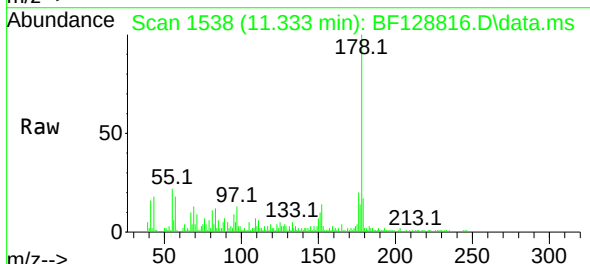
Manual Integrations
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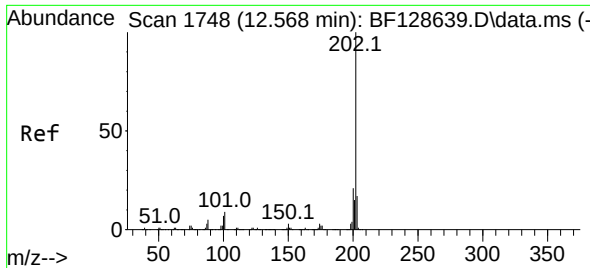
Reviewed By :Christian Giraldo 06/15/2022
Supervised By :Jagrut Upadhyay 06/15/2022



#71
Phenanthrene
Concen: 2.339 ng
RT: 11.333 min Scan# 1538
Delta R.T. -0.006 min
Lab File: BF128816.D
Acq: 14 Jun 2022 23:13

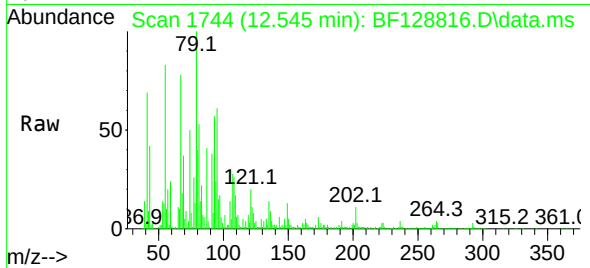
Tgt Ion:178 Resp: 20839
Ion Ratio Lower Upper
178 100
176 19.9 16.0 24.0
179 17.4 12.6 19.0





#75
Fluoranthene
Concen: 3.260 ng m
RT: 12.545 min Scan# 1744
Delta R.T. 0.018 min
Lab File: BF128816.D
Acq: 14 Jun 2022 23:13

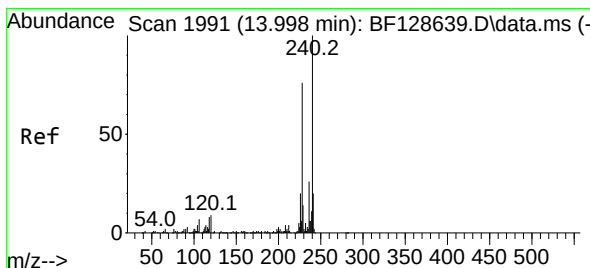
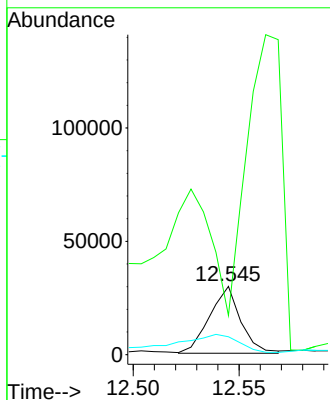
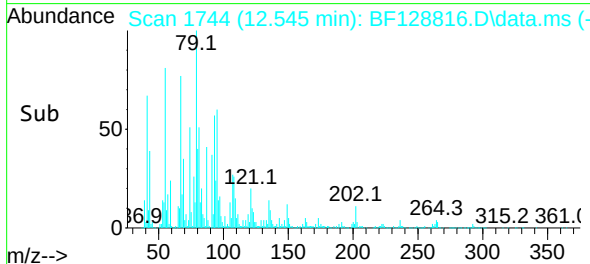
Instrument :
BNA_F
ClientSampleId :
TR-06-061022



Tgt Ion:202 Resp: 30359
Ion Ratio Lower Upper
202 100
101 57.3 0.0 31.4
203 26.2 0.0 38.0

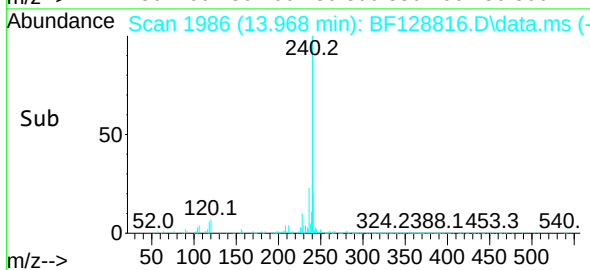
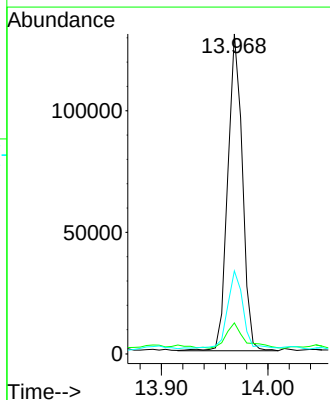
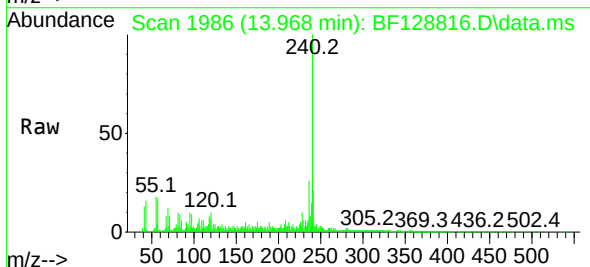
Manual Integrations
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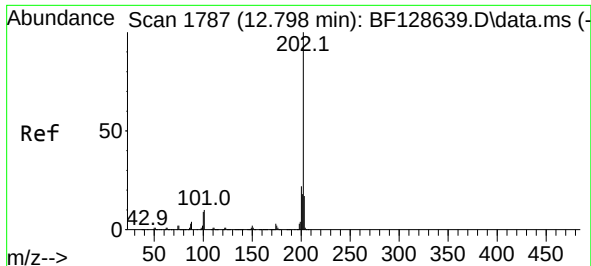
Reviewed By :Christian Giraldo 06/15/2022
Supervised By :Jagrut Upadhyay 06/15/2022



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.968 min Scan# 1986
Delta R.T. 0.006 min
Lab File: BF128816.D
Acq: 14 Jun 2022 23:13

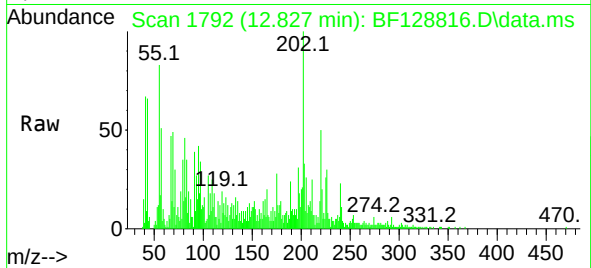
Tgt Ion:240 Resp: 123488
Ion Ratio Lower Upper
240 100
120 9.7 8.9 13.3
236 26.0 20.8 31.2





#78
Pyrene
Concen: 7.442 ng m
RT: 12.827 min Scan# 11
Delta R.T. 0.070 min
Lab File: BF128816.D
Acq: 14 Jun 2022 23:13

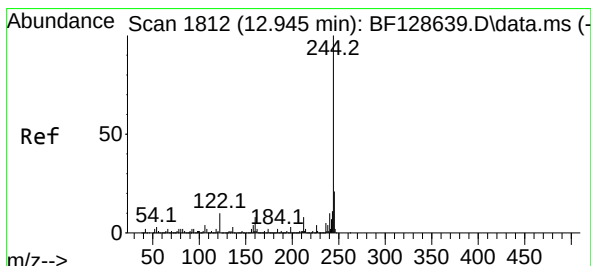
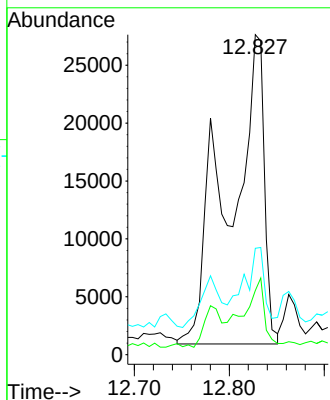
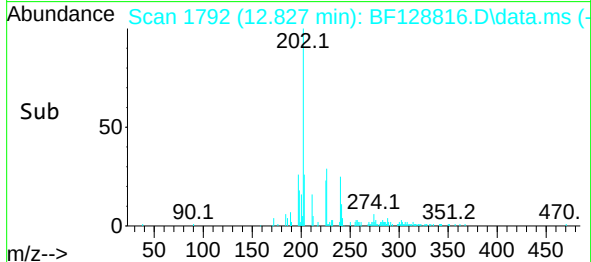
Instrument :
BNA_F
ClientSampleId :
TR-06-061022



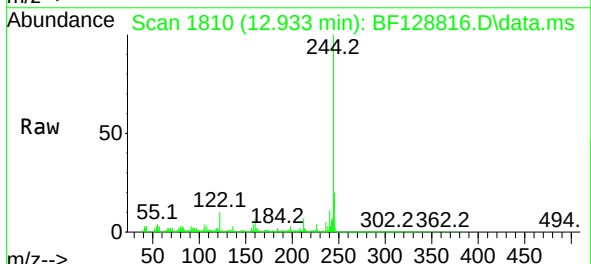
Tgt Ion:202 Resp: 6837
Ion Ratio Lower Upper
202 100
200 20.1 17.7 26.5
203 33.3 14.6 21.8

Manual Integrations
APPROVED

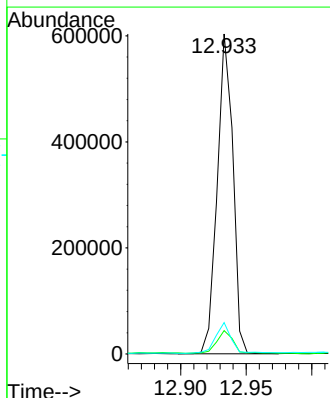
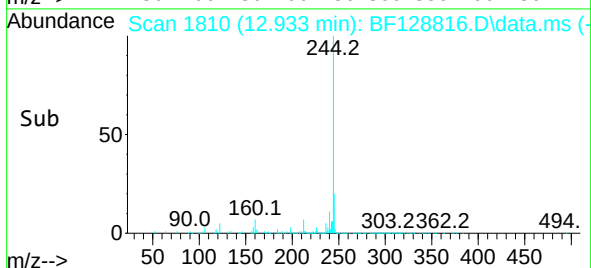
Reviewed By :Christian Giraldo 06/15/2022
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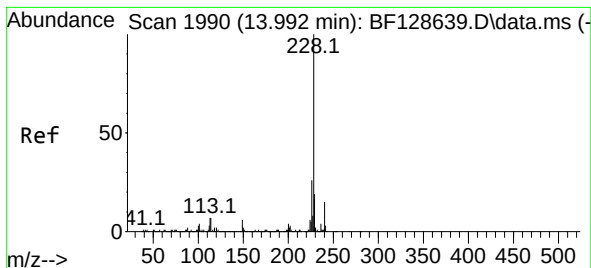


#79
Terphenyl-d14
Concen: 70.077 ng
RT: 12.933 min Scan# 1810
Delta R.T. 0.029 min
Lab File: BF128816.D
Acq: 14 Jun 2022 23:13



Tgt Ion:244 Resp: 498012
Ion Ratio Lower Upper
244 100
212 7.3 6.1 9.1
122 9.8 8.8 13.2





#81

Benzo(a)anthracene

Concen: 4.549 ng

RT: 13.957 min Scan# 1984

Delta R.T. 0.006 min

Lab File: BF128816.D

Acq: 14 Jun 2022 23:13

Instrument :

BNF_F

ClientSampleId :

TR-06-061022

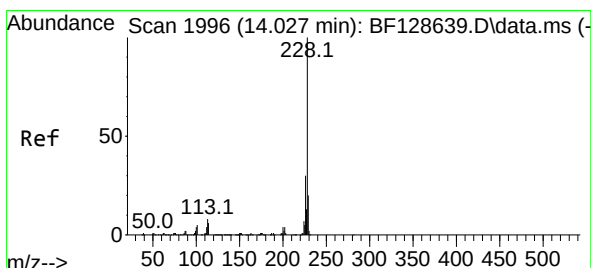
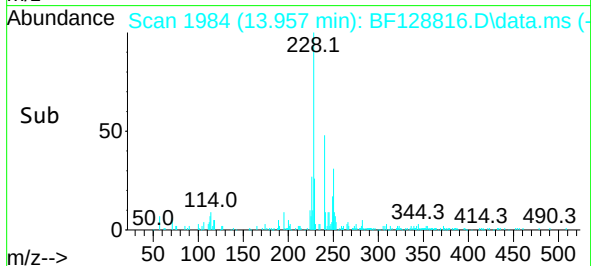
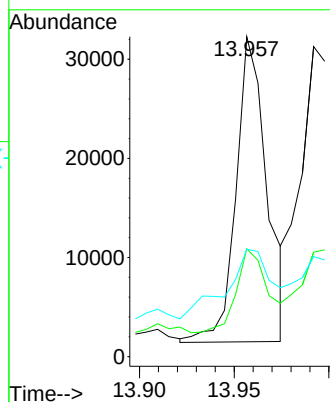
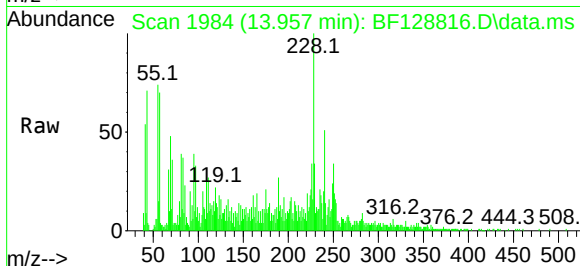
Tgt Ion:228 Resp: 35017
 Ion Ratio Lower Upper
 228 100
 226 33.7 22.1 33.1
 229 33.6 15.8 23.8

Manual Integrations

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Reviewed By :Christian Giraldo 06/15/2022

Supervised By :Jagrut Upadhyay 06/15/2022



#83

Chrysene

Concen: 5.073 ng

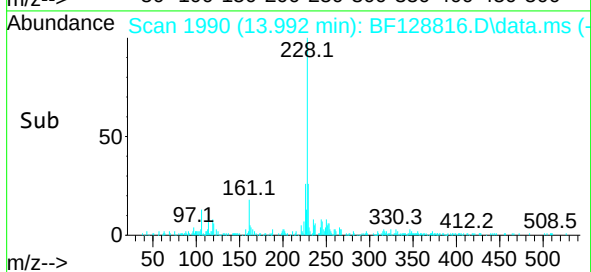
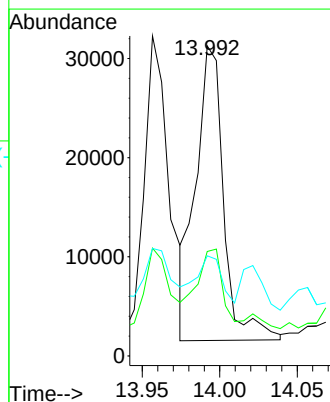
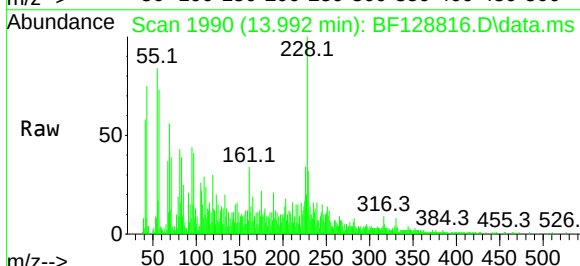
RT: 13.992 min Scan# 1990

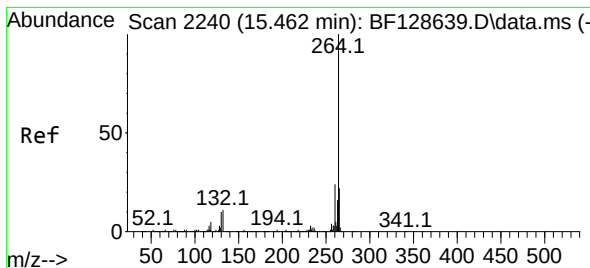
Delta R.T. -0.000 min

Lab File: BF128816.D

Acq: 14 Jun 2022 23:13

Tgt Ion:228 Resp: 37229
 Ion Ratio Lower Upper
 228 100
 226 33.7 24.3 36.5
 229 32.3 15.9 23.9





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.421 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF128816.D

Acq: 14 Jun 2022 23:13

Instrument :

BNA_F

ClientSampleId :

TR-06-061022

Tgt Ion:264 Resp: 9256

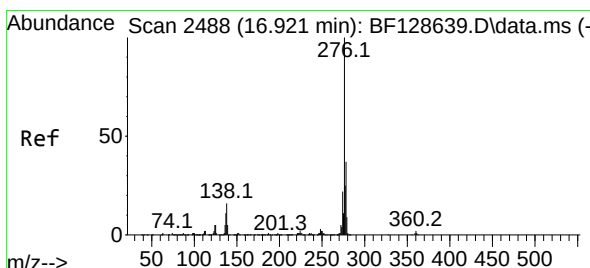
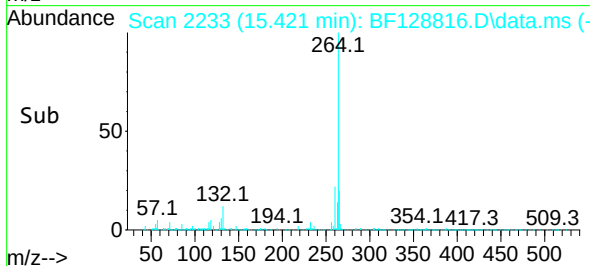
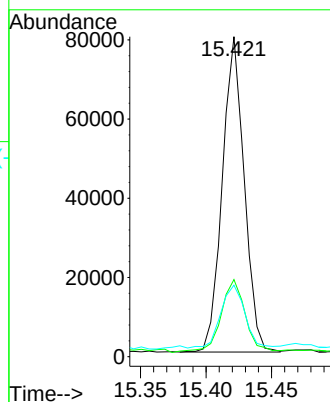
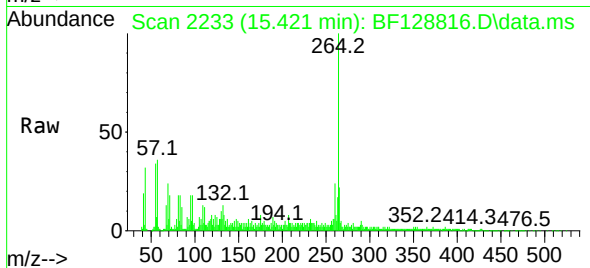
Ion	Ratio	Lower	Upper
264	100		
260	24.1	18.4	27.6
265	22.3	17.2	25.8

Manual Integrations

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Reviewed By :Christian Giraldo 06/15/2022

Supervised By :Jagrut Upadhyay 06/15/2022



#87

Indeno(1,2,3-cd)pyrene

Concen: 2.907 ng

RT: 16.862 min Scan# 2478

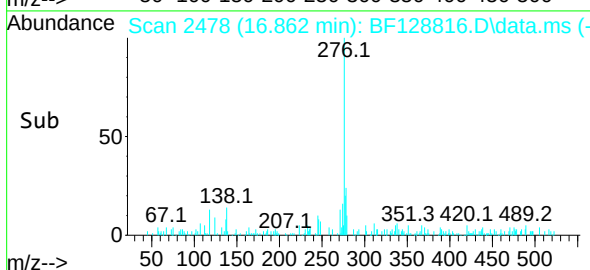
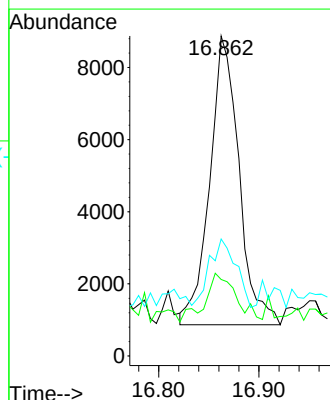
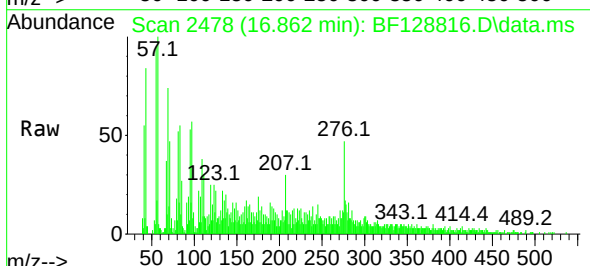
Delta R.T. -0.000 min

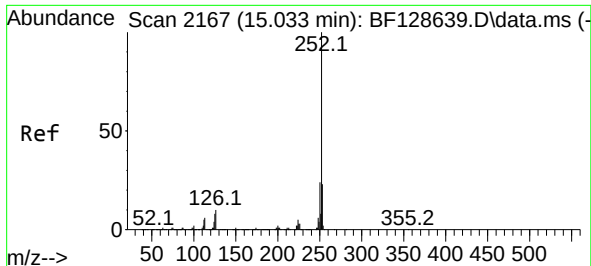
Lab File: BF128816.D

Acq: 14 Jun 2022 23:13

Tgt Ion:276 Resp: 16221

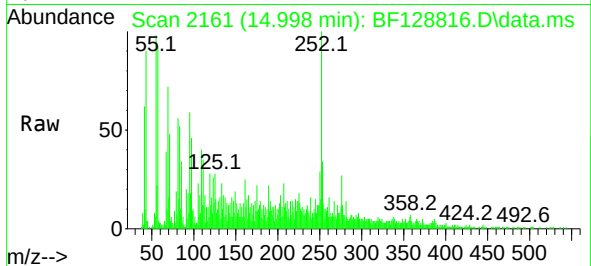
Ion	Ratio	Lower	Upper
276	100		
138	18.0	21.1	31.7#
277	21.9	20.3	30.5





#88
Benzo(b)fluoranthene
Concen: 6.197 ng m
RT: 14.998 min Scan# 2161
Delta R.T. 0.006 min
Lab File: BF128816.D
Acq: 14 Jun 2022 23:13

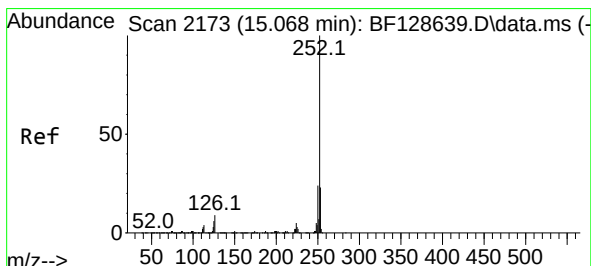
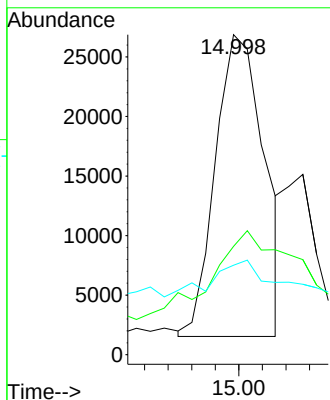
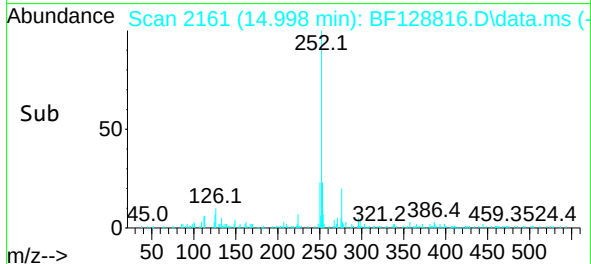
Instrument :
BNA_F
ClientSampleId :
TR-06-061022



Tgt Ion:252 Resp: 3665
Ion Ratio Lower Upper
252 100
253 33.8 17.7 26.5#
125 28.0 8.0 12.0#

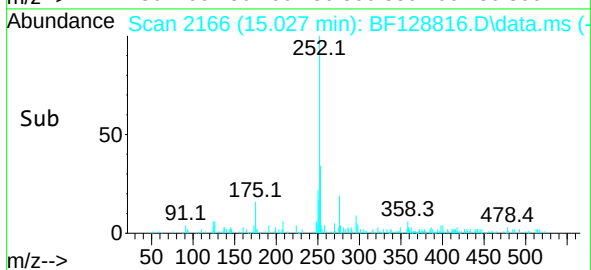
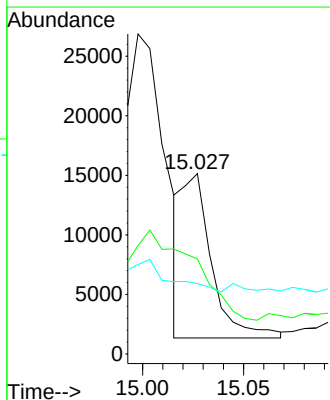
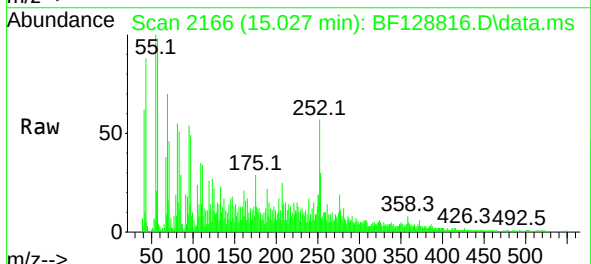
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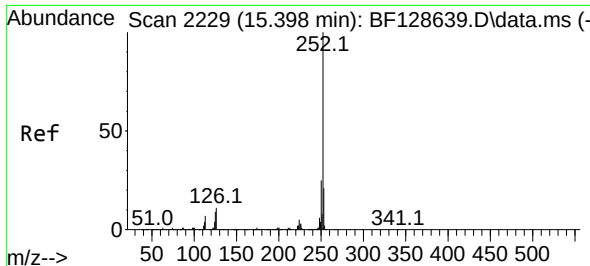
Reviewed By :Christian Giraldo 06/15/2022
Supervised By :Jagrut Upadhyay 06/15/2022



#89
Benzo(k)fluoranthene
Concen: 2.553 ng m
RT: 15.027 min Scan# 2166
Delta R.T. -0.000 min
Lab File: BF128816.D
Acq: 14 Jun 2022 23:13

Tgt Ion:252 Resp: 14207
Ion Ratio Lower Upper
252 100
253 52.8 17.8 26.6#
125 39.0 8.3 12.5#





#90
Benzo(a)pyrene
Concen: 5.523 ng
RT: 15.357 min Scan# 21
Delta R.T. -0.000 min
Lab File: BF128816.D
Acq: 14 Jun 2022 23:13

Instrument :

BNF

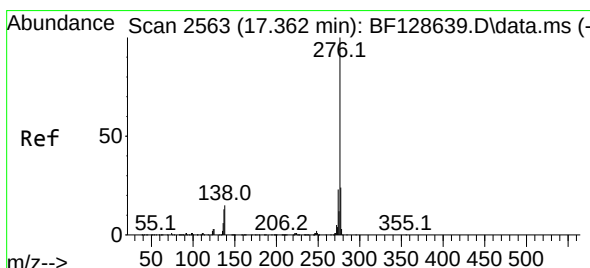
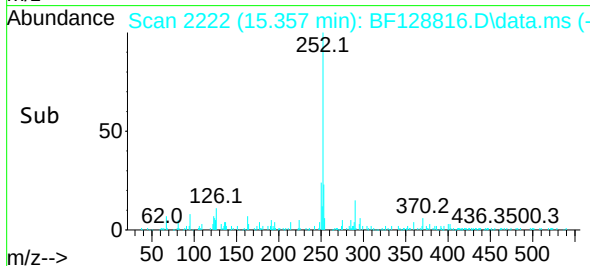
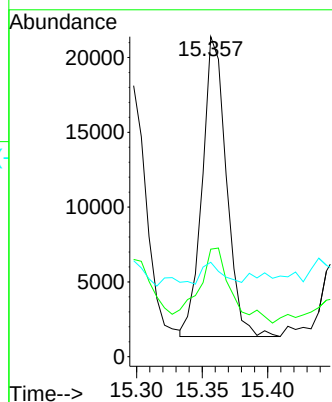
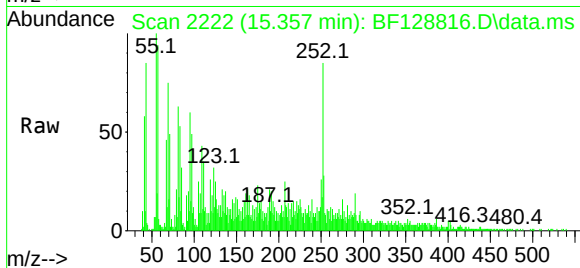
ClientSampleId :

TR-06-061022

Tgt Ion:252 Resp: 2567
Ion Ratio Lower Upper
252 100
253 33.6 17.0 25.6
125 29.5 8.8 13.2

Manual Integrations
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Reviewed By :Christian Giraldo 06/15/2022
Supervised By :Jagrut Upadhyay 06/15/2022



#92
Benzo(g,h,i)perylene
Concen: 3.014 ng
RT: 17.309 min Scan# 2554
Delta R.T. 0.012 min
Lab File: BF128816.D
Acq: 14 Jun 2022 23:13

Tgt Ion:276 Resp: 13822
Ion Ratio Lower Upper
276 100
277 36.4 19.1 28.7#
138 38.4 18.0 27.0#

