

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042522\
 Data File : BF127893.D
 Acq On : 25 Apr 2022 21:18
 Operator : CG\JU
 Sample : N2466-05
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 E14ST-EB2-041822-5-10

Quant Time: Apr 26 05:40:37 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Apr 24 00:43:03 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Christian Giraldo 04/27/2022
 Supervised By :Jagrut Upadhyay 04/28/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.940	152	159926	20.000	ng	0.00
21) Naphthalene-d8	8.222	136	633304	20.000	ng	0.00
39) Acenaphthene-d10	9.981	164	359994	20.000	ng	0.00
64) Phenanthrene-d10	11.475	188	633503	20.000	ng	0.00
76) Chrysene-d12	14.116	240	361146	20.000	ng	-0.01
86) Perylene-d12	15.627	264	321900	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.563	112	992607	98.859	ng	0.00
7) Phenol-d6	6.563	99	1286722	98.763	ng	0.00
23) Nitrobenzene-d5	7.504	82	932176	69.216	ng	0.00
42) 2,4,6-Tribromophenol	10.775	330	355801	98.180	ng	0.00
45) 2-Fluorobiphenyl	9.298	172	1411863	66.349	ng	0.00
79) Terphenyl-d14	13.063	244	1374967	69.618	ng	0.00
Target Compounds						
						Qvalue
71) Phenanthrene	11.492	178	242613	7.316	ng	99
75) Fluoranthene	12.686	202	339609	9.731	ng	98
78) Pyrene	12.916	202	329777	11.312	ng	98
81) Benzo(a)anthracene	14.104	228	115507	4.799	ng	97
83) Chrysene	14.139	228	115332	5.017	ng	98
87) Indeno(1,2,3-cd)pyrene	17.162	276	66977	3.117	ng	94
88) Benzo(b)fluoranthene	15.174	252	118572m	5.865	ng	
90) Benzo(a)pyrene	15.563	252	92572	5.520	ng	99
92) Benzo(g,h,i)perylene	17.627	276	72753	4.006	ng	97

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

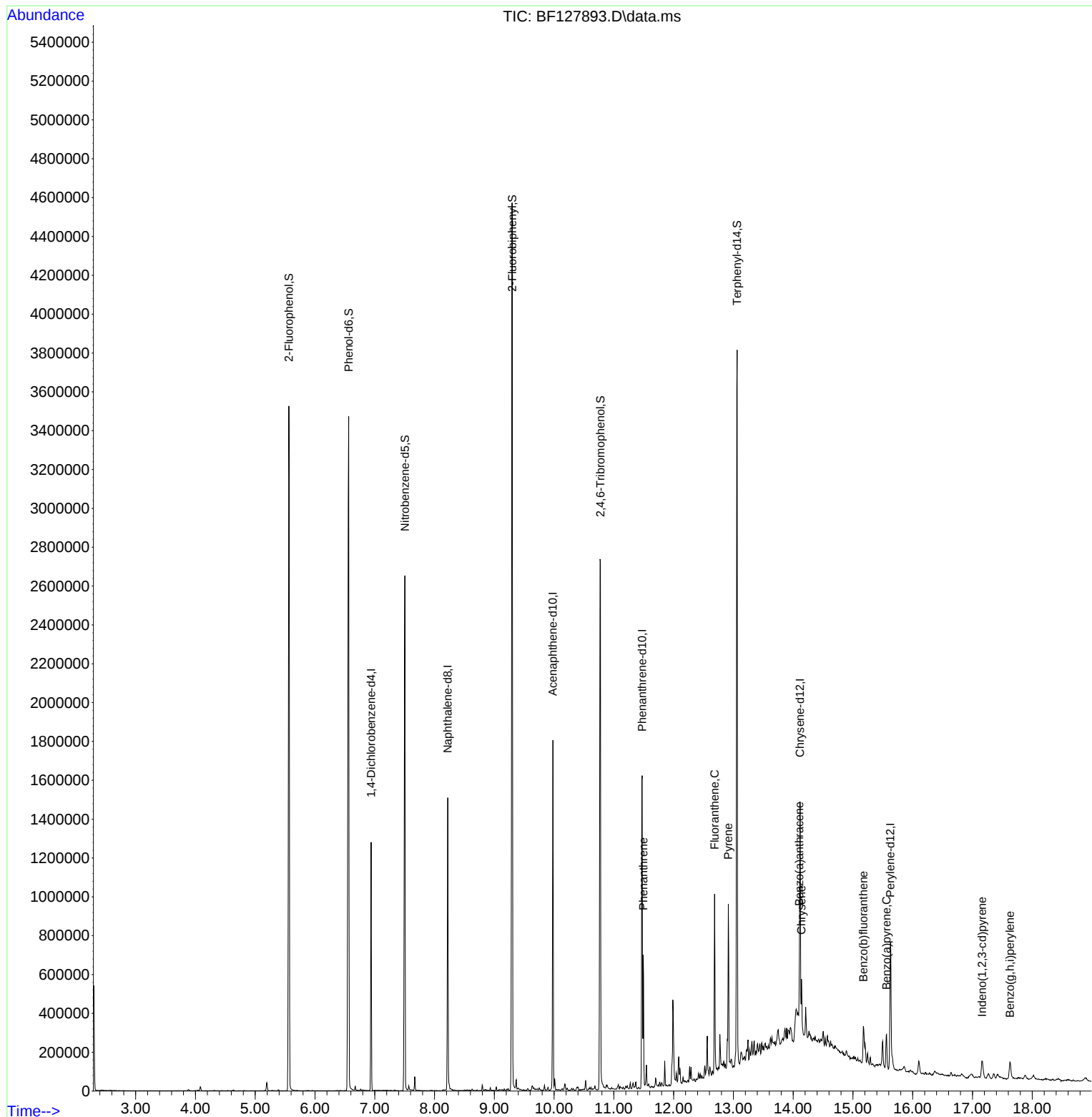
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042522\
Data File : BF127893.D
Acq On : 25 Apr 2022 21:18
Operator : CG\JU
Sample : N2466-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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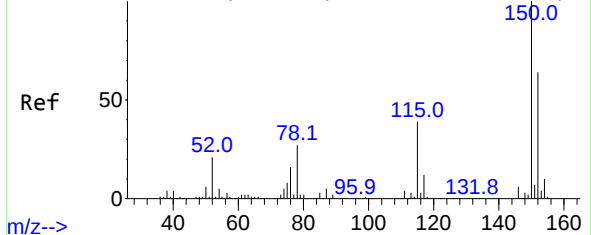
Quant Time: Apr 26 05:40:37 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042222.M
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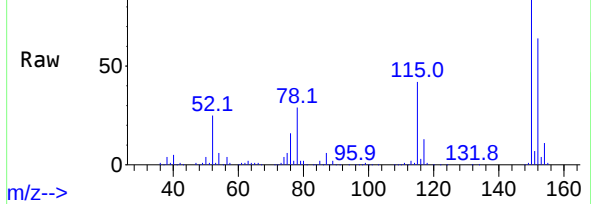


Abundance Scan 792 (6.945 min): BF127861.D\data.ms (-78



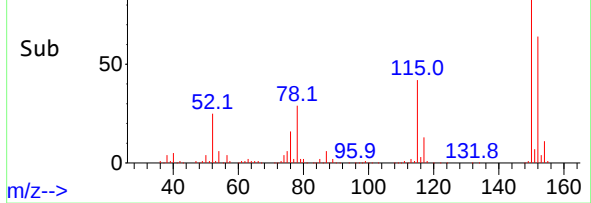
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Abundance Scan 791 (6.940 min): BF127893.D\data.ms



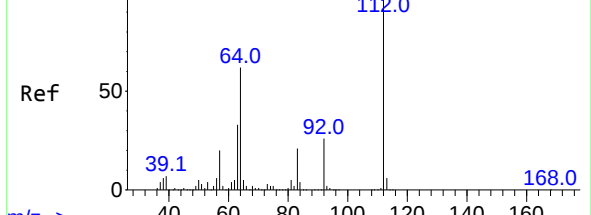
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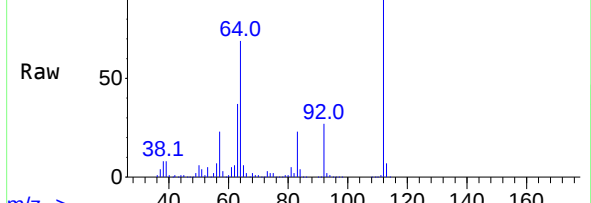
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Abundance Scan 557 (5.563 min): BF127861.D\data.ms (-55



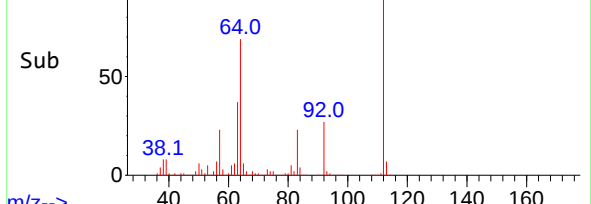
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Abundance Scan 557 (5.563 min): BF127893.D\data.ms



m/z-->

Abundance Scan 557 (5.563 min): BF127893.D\data.ms (-50



m/z-->

#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.940 min Scan# 791

Delta R.T. -0.005 min

Lab File: BF127893.D

Acq: 25 Apr 2022 21:18

Tgt Ion:152 Resp: 159920

Ion Ratio Lower Upper

152 100

150 156.9 125.3 187.9

115 65.5 48.8 73.2

Instrument :

BNA_F

ClientSampleId :

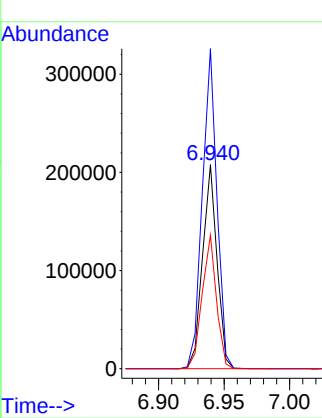
E14ST-EB2-041822-5-10

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#5

2-Fluorophenol

Concen: 98.859 ng

RT: 5.563 min Scan# 557

Delta R.T. 0.000 min

Lab File: BF127893.D

Acq: 25 Apr 2022 21:18

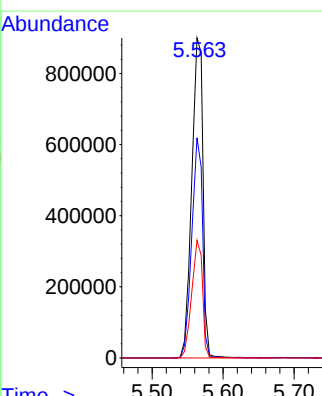
Tgt Ion:112 Resp: 992607

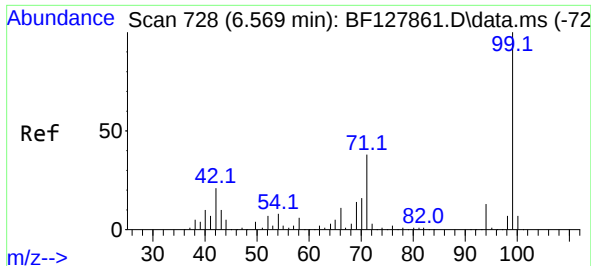
Ion Ratio Lower Upper

112 100

64 68.8 49.5 74.3

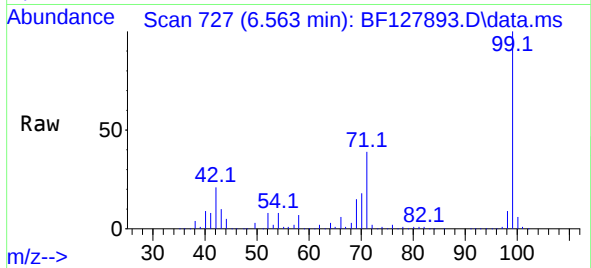
63 36.8 26.3 39.5





#7
Phenol-d6
Concen: 98.763 ng
RT: 6.563 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF127893.D
Acq: 25 Apr 2022 21:18

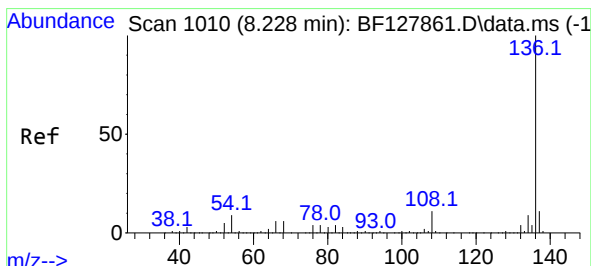
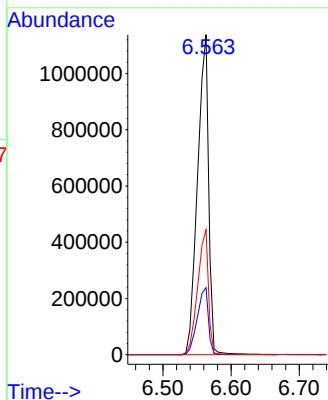
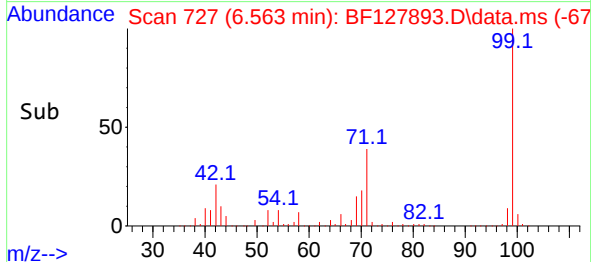
Instrument :
BNA_F
ClientSampleId :
E14ST-EB2-041822-5-10



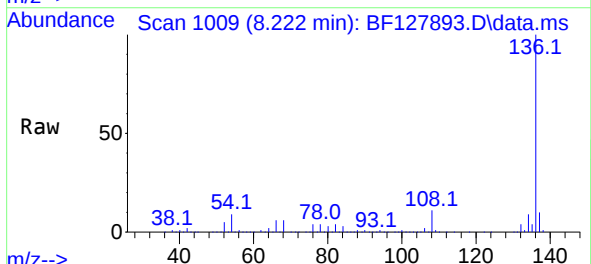
Tgt Ion: 99 Resp: 128672
Ion Ratio Lower Upper
99 100
42 21.0 16.6 24.8
71 39.1 30.0 45.0

Manual Integrations
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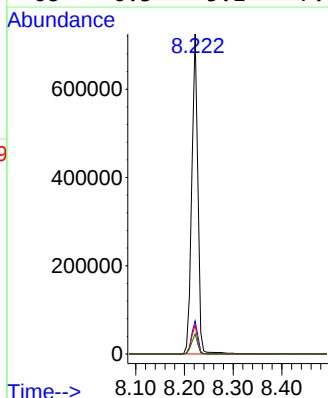
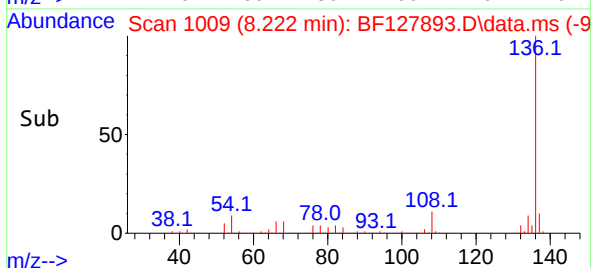
Reviewed By :Christian Giraldo 04/27/2022
Supervised By :Jagrut Upadhyay 04/28/2022



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.222 min Scan# 1009
Delta R.T. -0.006 min
Lab File: BF127893.D
Acq: 25 Apr 2022 21:18



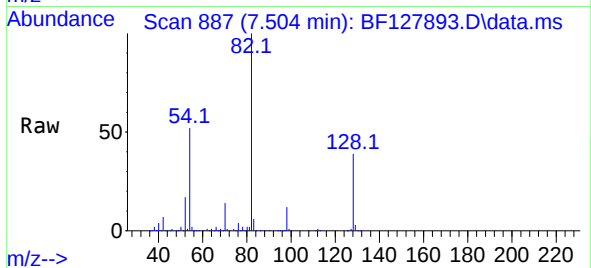
Tgt Ion:136 Resp: 633304
Ion Ratio Lower Upper
136 100
137 10.3 8.6 13.0
54 9.0 6.8 10.2
68 6.3 5.1 7.7





#23
Nitrobenzene-d5
Concen: 69.216 ng
RT: 7.504 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF127893.D
Acq: 25 Apr 2022 21:18

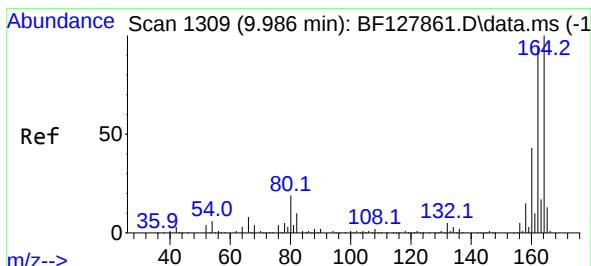
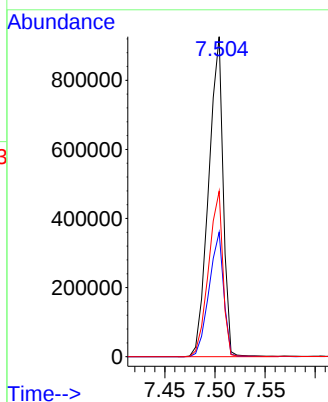
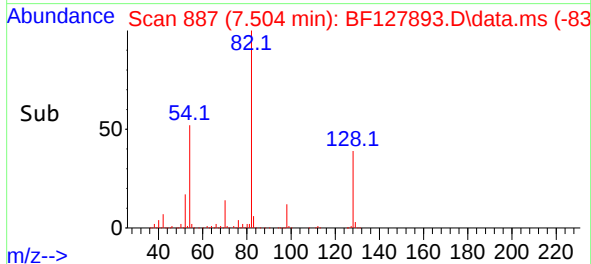
Instrument :
BNA_F
ClientSampleId :
E14ST-EB2-041822-5-10



Tgt Ion: 82 Resp: 932170
Ion Ratio Lower Upper
82 100
128 38.9 30.0 45.0
54 51.7 41.3 61.9

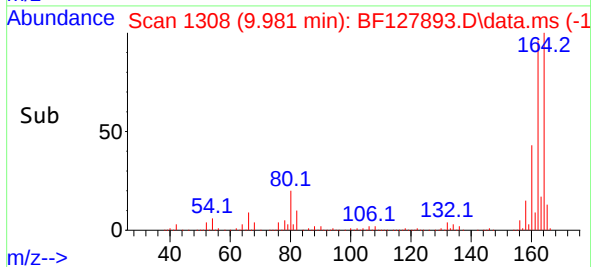
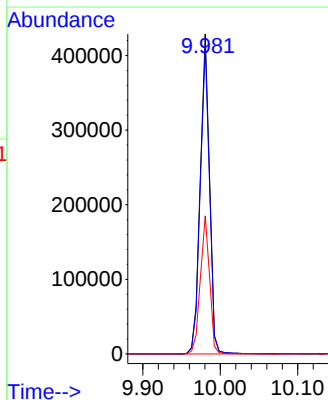
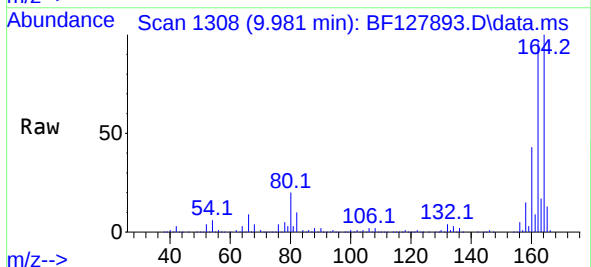
Manual Integrations
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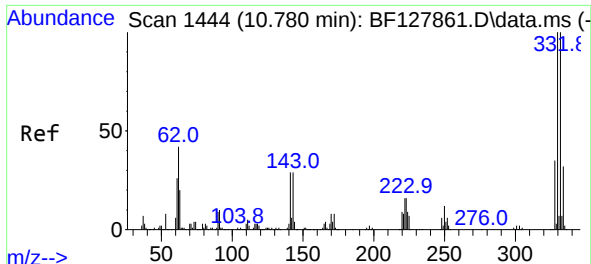
Reviewed By :Christian Giraldo 04/27/2022
Supervised By :Jagrut Upadhyay 04/28/2022



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.981 min Scan# 1308
Delta R.T. -0.006 min
Lab File: BF127893.D
Acq: 25 Apr 2022 21:18

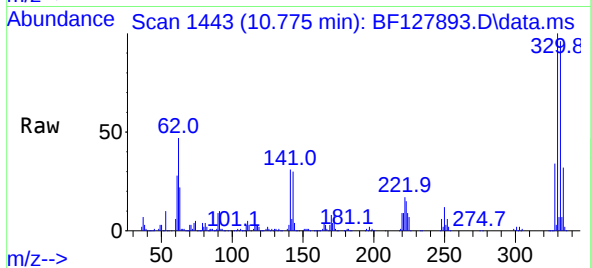
Tgt Ion:164 Resp: 359994
Ion Ratio Lower Upper
164 100
162 96.0 76.0 114.0
160 43.1 34.8 52.2





#42
2,4,6-Tribromophenol
Concen: 98.180 ng
RT: 10.775 min Scan# 1444
Delta R.T. -0.006 min
Lab File: BF127893.D
Acq: 25 Apr 2022 21:18

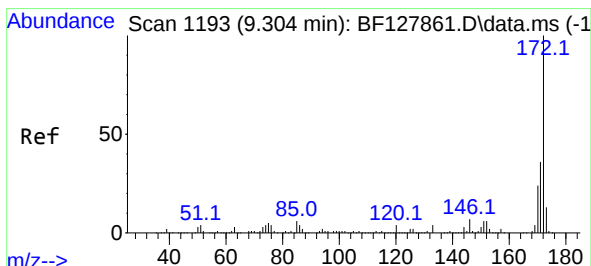
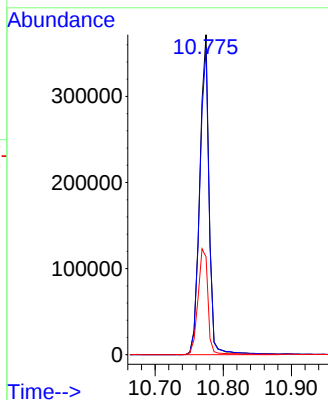
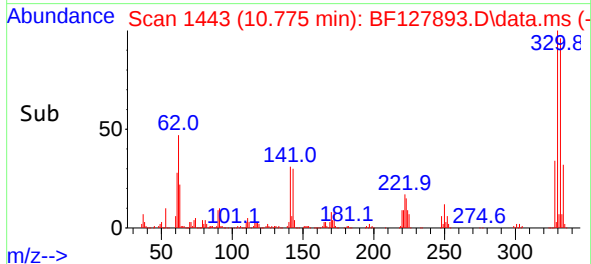
Instrument :
BNA_F
ClientSampleId :
E14ST-EB2-041822-5-10



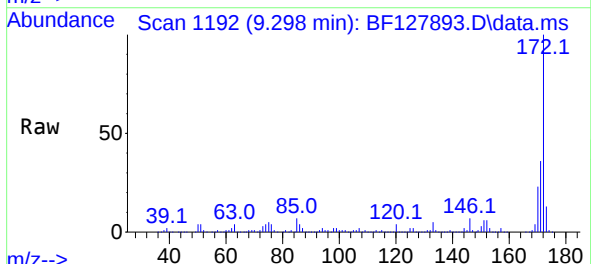
Tgt Ion: 330 Resp: 35580
Ion Ratio Lower Upper
330 100
332 96.4 79.0 118.4
141 35.2 28.9 43.3

Manual Integrations
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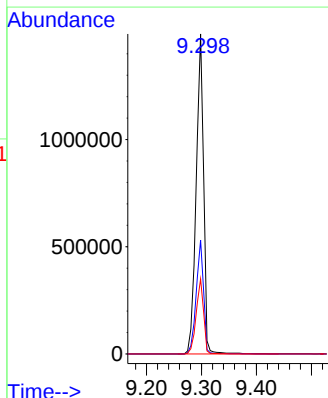
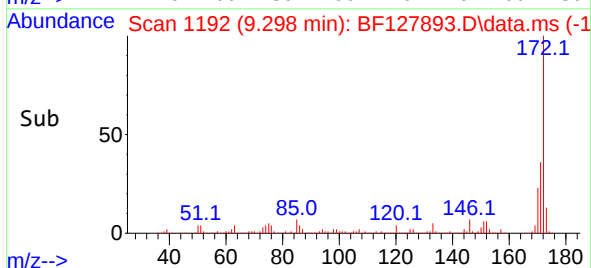
Reviewed By : Christian Giraldo 04/27/2022
Supervised By : Jagrut Upadhyay 04/28/2022



#45
2-Fluorobiphenyl
Concen: 66.349 ng
RT: 9.298 min Scan# 1192
Delta R.T. -0.006 min
Lab File: BF127893.D
Acq: 25 Apr 2022 21:18



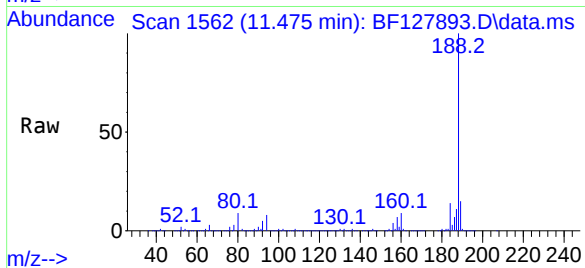
Tgt Ion: 172 Resp: 1411863
Ion Ratio Lower Upper
172 100
171 35.6 28.6 42.8
170 23.5 19.1 28.7





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.475 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF127893.D
Acq: 25 Apr 2022 21:18

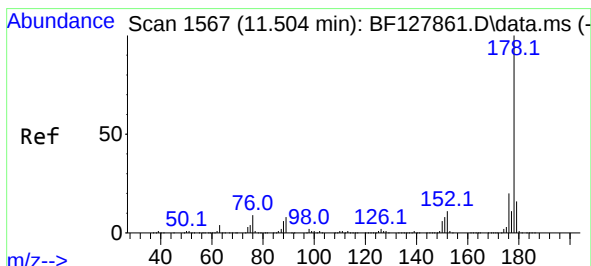
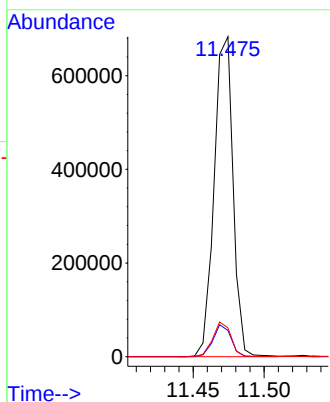
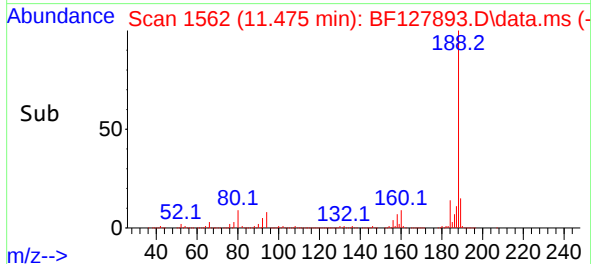
Instrument :
BNA_F
ClientSampleId :
E14ST-EB2-041822-5-10



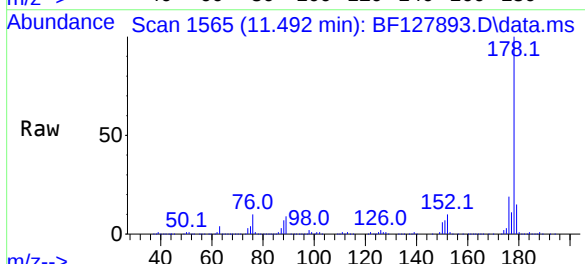
Tgt Ion:188 Resp: 63350
Ion Ratio Lower Upper
188 100
94 8.2 8.0 12.0
80 9.0 8.9 13.3

Manual Integrations
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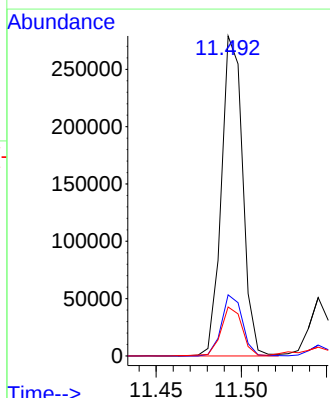
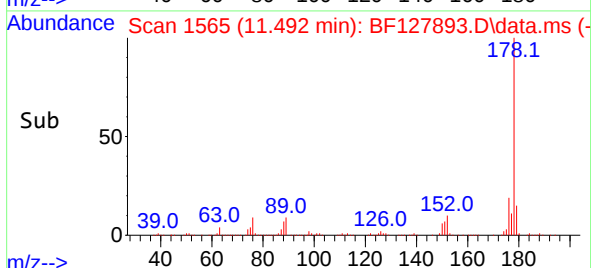
Reviewed By :Christian Giraldo 04/27/2022
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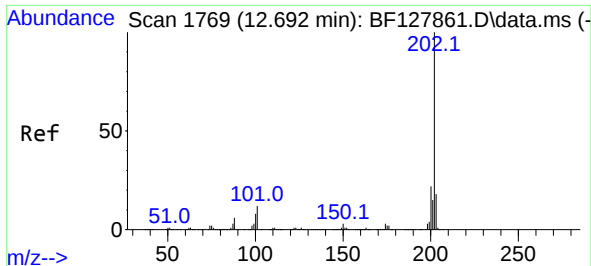


#71
Phenanthrene
Concen: 7.316 ng
RT: 11.492 min Scan# 1565
Delta R.T. -0.012 min
Lab File: BF127893.D
Acq: 25 Apr 2022 21:18



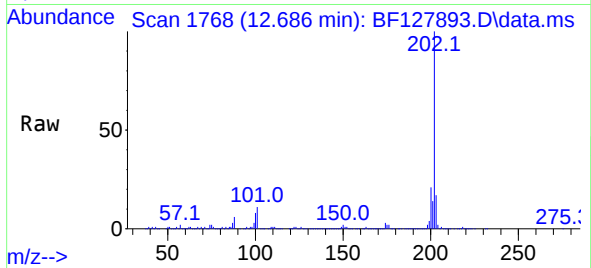
Tgt Ion:178 Resp: 242613
Ion Ratio Lower Upper
178 100
176 19.1 15.7 23.5
179 15.3 12.6 19.0





#75
Fluoranthene
Concen: 9.731 ng
RT: 12.686 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF127893.D
Acq: 25 Apr 2022 21:18

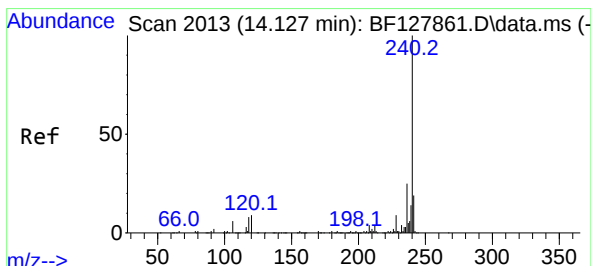
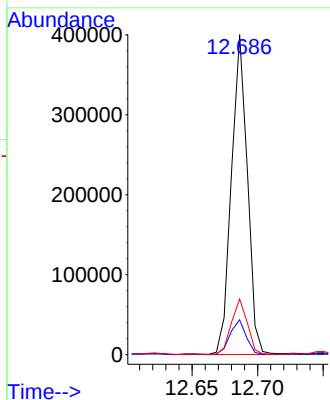
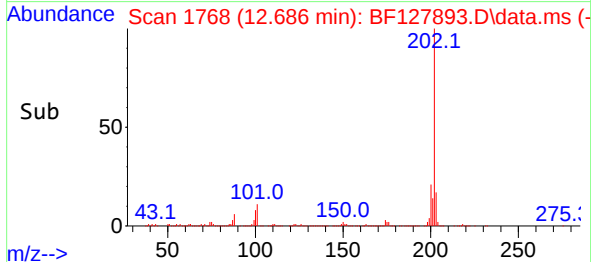
Instrument :
BNA_F
ClientSampleId :
E14ST-EB2-041822-5-10



Tgt Ion:202 Resp: 339609
Ion Ratio Lower Upper
202 100
101 10.9 0.0 31.6
203 17.4 0.0 38.1

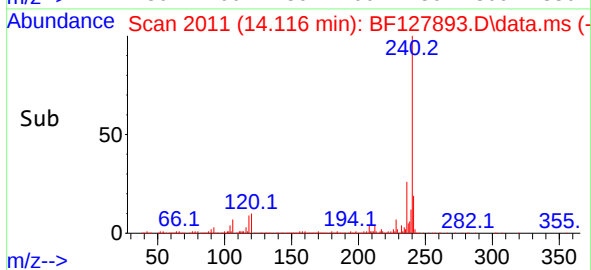
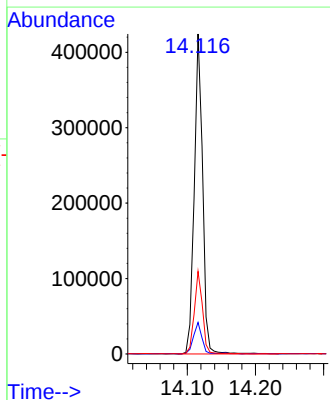
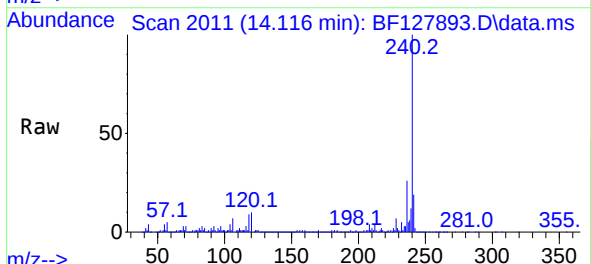
Manual Integrations
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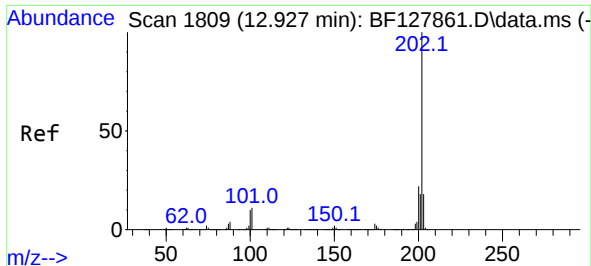
Reviewed By :Christian Giraldo 04/27/2022
Supervised By :Jagrut Upadhyay 04/28/2022



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.116 min Scan# 2011
Delta R.T. -0.012 min
Lab File: BF127893.D
Acq: 25 Apr 2022 21:18

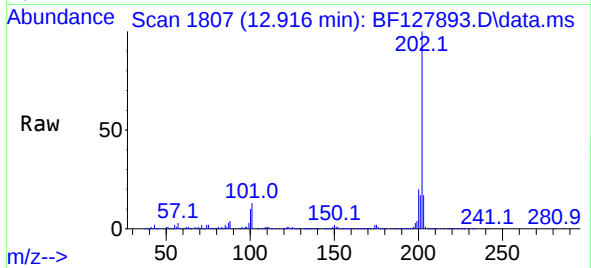
Tgt Ion:240 Resp: 361146
Ion Ratio Lower Upper
240 100
120 9.8 7.0 10.6
236 25.8 20.3 30.5





#78
Pyrene
Concen: 11.312 ng
RT: 12.916 min Scan# 1807
Delta R.T. -0.012 min
Lab File: BF127893.D
Acq: 25 Apr 2022 21:18

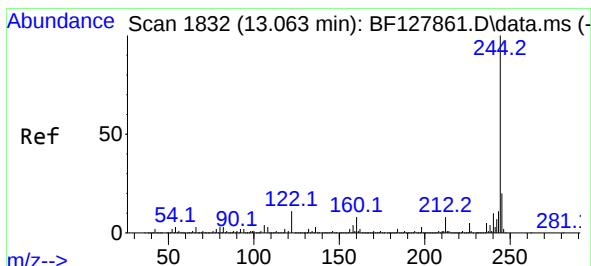
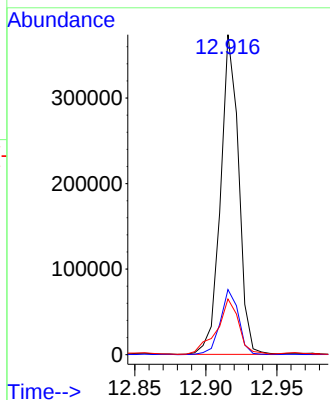
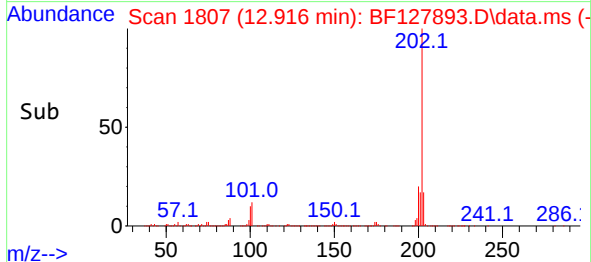
Instrument :
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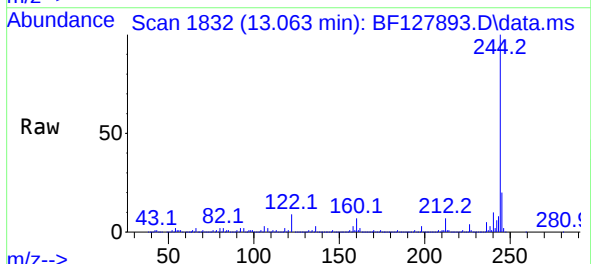
Tgt Ion:202 Resp: 329777
Ion Ratio Lower Upper
202 100
200 20.4 17.4 26.2
203 17.4 14.0 21.0

Manual Integrations
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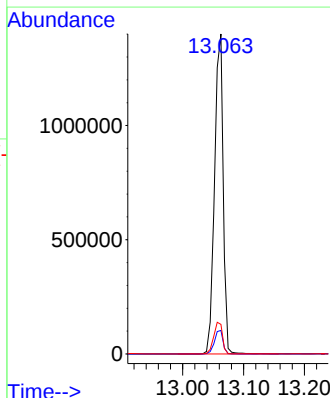
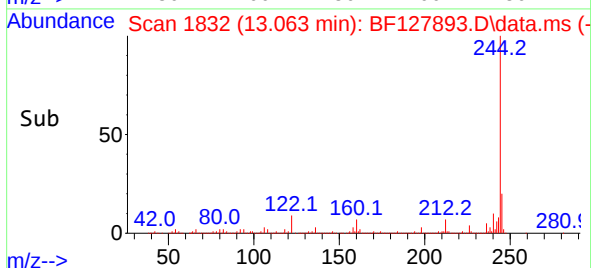
Reviewed By :Christian Giraldo 04/27/2022
Supervised By :Jagrut Upadhyay 04/28/2022

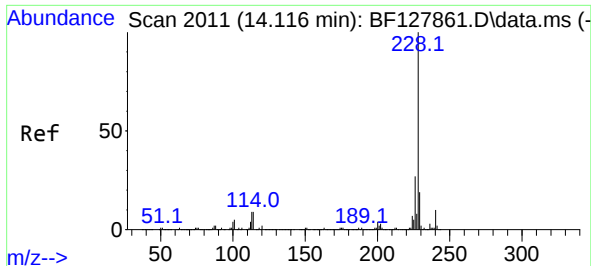


#79
Terphenyl-d14
Concen: 69.618 ng
RT: 13.063 min Scan# 1832
Delta R.T. 0.000 min
Lab File: BF127893.D
Acq: 25 Apr 2022 21:18



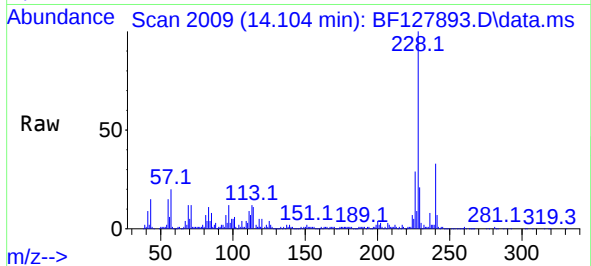
Tgt Ion:244 Resp: 1374967
Ion Ratio Lower Upper
244 100
212 7.3 6.2 9.4
122 9.2 8.6 12.8





#81
Benzo(a)anthracene
Concen: 4.799 ng
RT: 14.104 min Scan# 2011
Delta R.T. -0.012 min
Lab File: BF127893.D
Acq: 25 Apr 2022 21:18

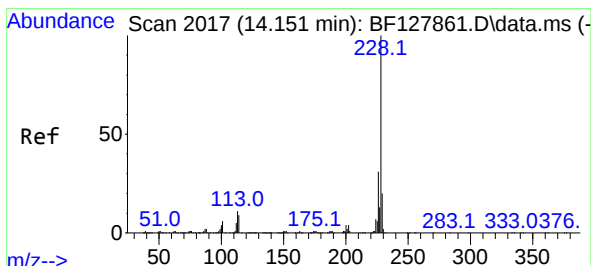
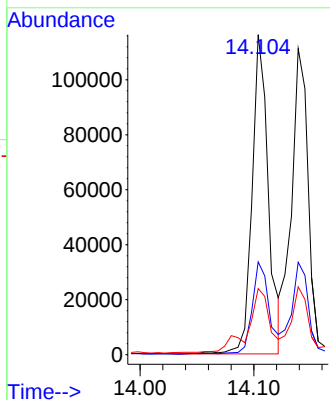
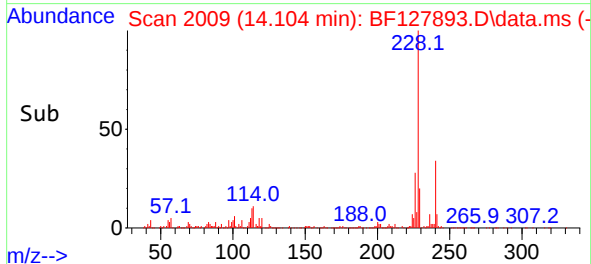
Instrument :
BNA_F
ClientSampleId :
E14ST-EB2-041822-5-10



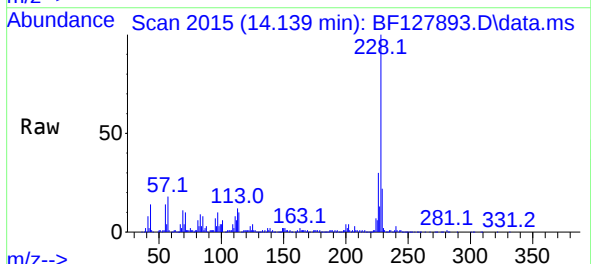
Tgt Ion:228 Resp: 11550
Ion Ratio Lower Upper
228 100
226 29.0 21.7 32.5
229 20.6 15.4 23.2

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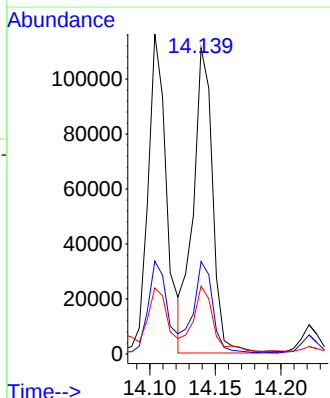
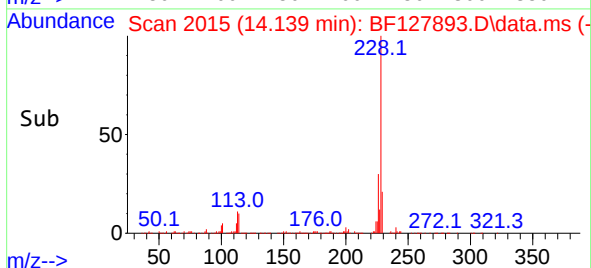
Reviewed By :Christian Giraldo 04/27/2022
Supervised By :Jagrut Upadhyay 04/28/2022

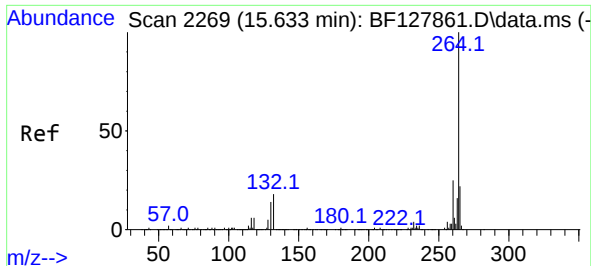


#83
Chrysene
Concen: 5.017 ng
RT: 14.139 min Scan# 2015
Delta R.T. -0.012 min
Lab File: BF127893.D
Acq: 25 Apr 2022 21:18



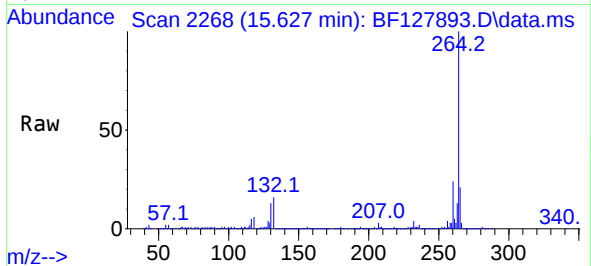
Tgt Ion:228 Resp: 115332
Ion Ratio Lower Upper
228 100
226 30.2 24.4 36.6
229 22.2 15.8 23.8





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.627 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF127893.D
Acq: 25 Apr 2022 21:18

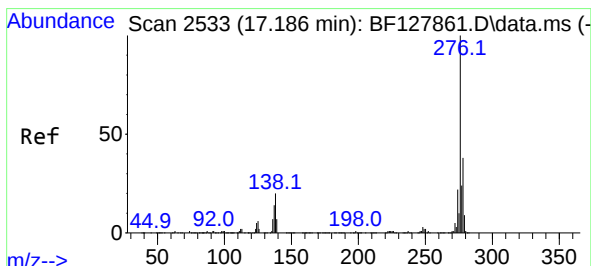
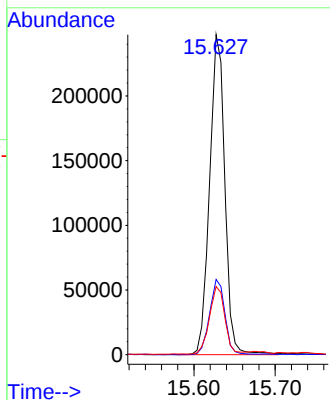
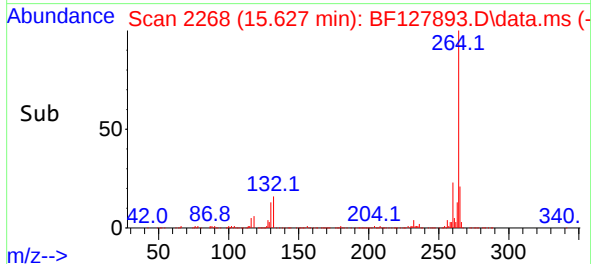
Instrument :
BNA_F
ClientSampleId :
E14ST-EB2-041822-5-10



Tgt Ion:264 Resp: 321900
Ion Ratio Lower Upper
264 100
260 23.5 20.1 30.1
265 21.3 17.5 26.3

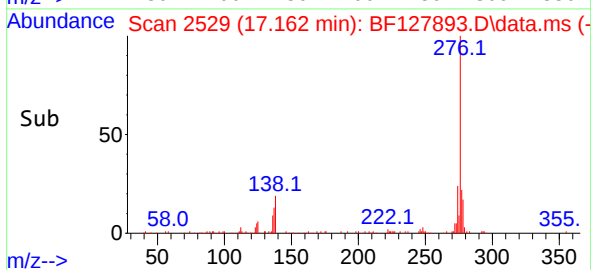
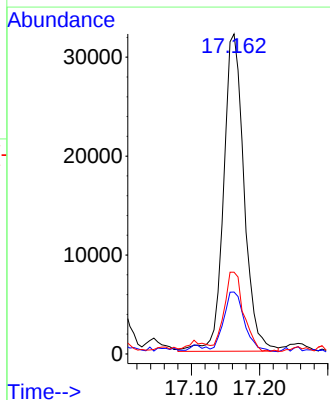
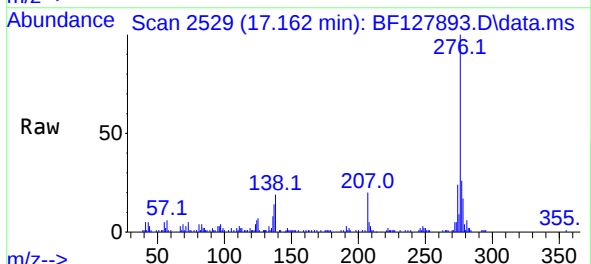
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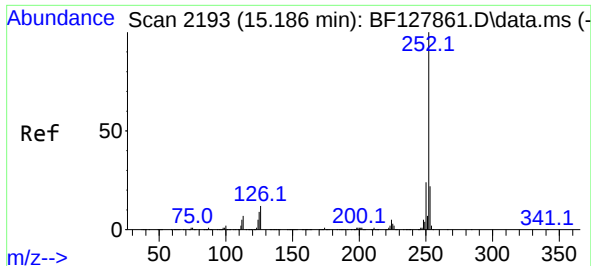
Reviewed By :Christian Giraldo 04/27/2022
Supervised By :Jagrut Upadhyay 04/28/2022



#87
Indeno(1,2,3-cd)pyrene
Concen: 3.117 ng
RT: 17.162 min Scan# 2529
Delta R.T. -0.024 min
Lab File: BF127893.D
Acq: 25 Apr 2022 21:18

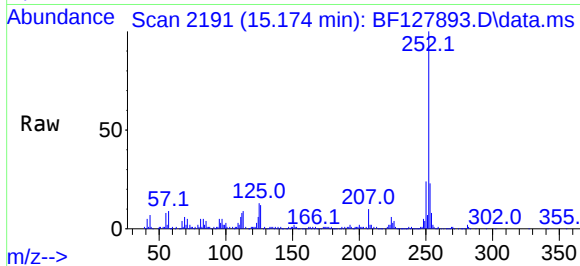
Tgt Ion:276 Resp: 66977
Ion Ratio Lower Upper
276 100
138 19.2 19.0 28.4
277 23.9 20.1 30.1





#88
Benzo(b)fluoranthene
Concen: 5.865 ng m
RT: 15.174 min Scan# 2191
Delta R.T. -0.012 min
Lab File: BF127893.D
Acq: 25 Apr 2022 21:18

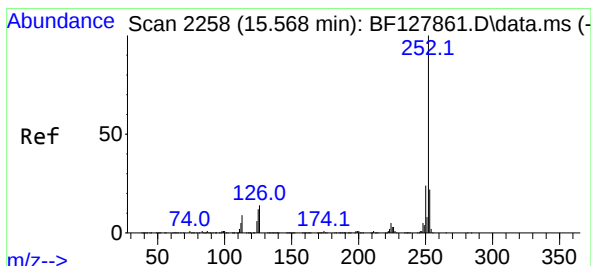
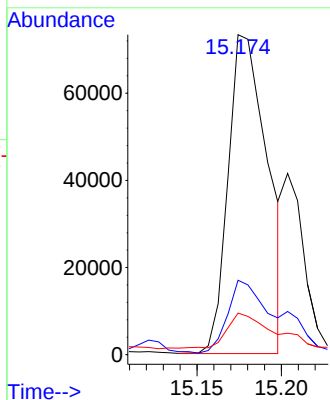
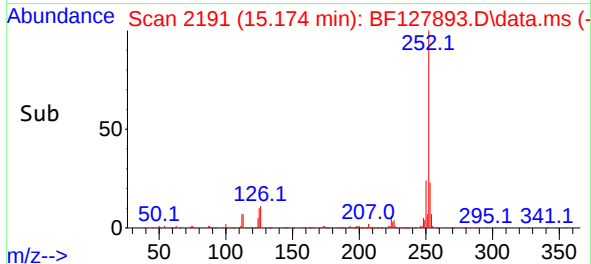
Instrument :
BNA_F
ClientSampleId :
E14ST-EB2-041822-5-10



Tgt Ion:252 Resp: 118572
Ion Ratio Lower Upper
252 100
253 23.3 17.4 26.2
125 13.0 7.4 11.2

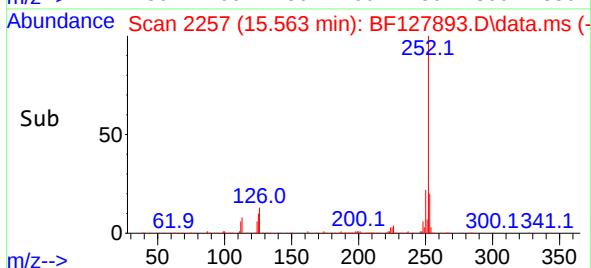
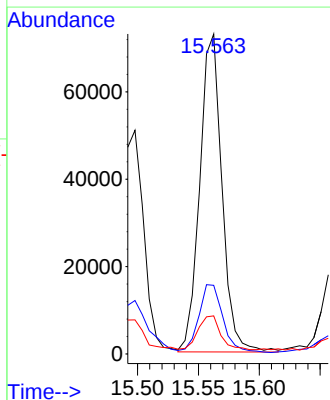
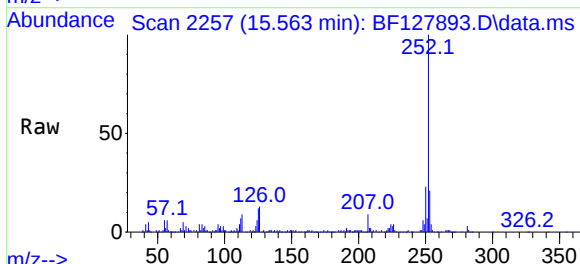
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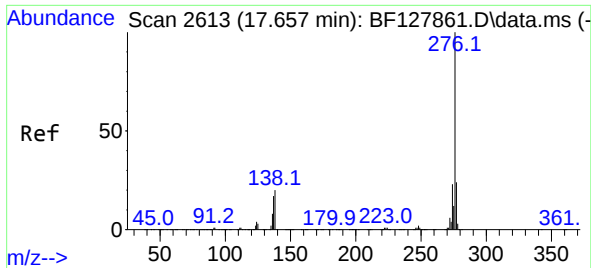
Reviewed By :Christian Giraldo 04/27/2022
Supervised By :Jagrut Upadhyay 04/28/2022



#90
Benzo(a)pyrene
Concen: 5.520 ng
RT: 15.563 min Scan# 2257
Delta R.T. -0.006 min
Lab File: BF127893.D
Acq: 25 Apr 2022 21:18

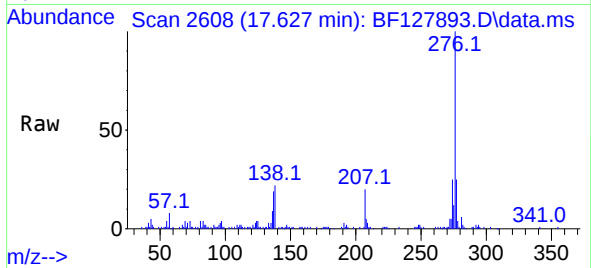
Tgt Ion:252 Resp: 92572
Ion Ratio Lower Upper
252 100
253 21.4 17.8 26.6
125 11.9 9.2 13.8





#92
Benzo(g,h,i)perylene
Concen: 4.006 ng
RT: 17.627 min Scan# 20
Delta R.T. -0.029 min
Lab File: BF127893.D
Acq: 25 Apr 2022 21:18

Instrument :
BNA_F
ClientSampleId :
E14ST-EB2-041822-5-10



Tgt Ion: 276 Resp: 7275
Ion Ratio Lower Upper
276 100
277 24.6 18.8 28.2
138 22.2 16.2 24.2

Manual Integrations
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Reviewed By : Christian Giraldo 04/27/2022
Supervised By : Jagrut Upadhyay 04/28/2022

