

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042522\
 Data File : BF127896.D
 Acq On : 25 Apr 2022 22:43
 Operator : CG\JU
 Sample : N2466-04
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 E14ST-EB2-041822-0-5-DUP

Manual Integrations
 APPROVED

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

Quant Time: Apr 26 05:40:57 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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.939	152	157296	20.000	ng	0.00
21) Naphthalene-d8	8.222	136	602603	20.000	ng	0.00
39) Acenaphthene-d10	9.980	164	333071	20.000	ng	0.00
64) Phenanthrene-d10	11.474	188	549486	20.000	ng	0.00
76) Chrysene-d12	14.115	240	329409	20.000	ng	-0.01
86) Perylene-d12	15.633	264	363054	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.563	112	879573	89.066	ng	0.00
7) Phenol-d6	6.563	99	1132747	88.398	ng	0.00
23) Nitrobenzene-d5	7.504	82	816895	63.746	ng	0.00
42) 2,4,6-Tribromophenol	10.774	330	288974	86.186	ng	0.00
45) 2-Fluorobiphenyl	9.298	172	1297725	65.914	ng	0.00
79) Terphenyl-d14	13.057	244	1100604	61.095	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	11.492	178	69527	2.417	ng	99
75) Fluoranthene	12.686	202	95145	3.143	ng	98
78) Pyrene	12.915	202	89709	3.374	ng	99
80) Butylbenzylphthalate	13.533	149	21300	2.044	ng	91
81) Benzo(a)anthracene	14.104	228	44198m	2.013	ng	
83) Chrysene	14.139	228	43870	2.092	ng	97
88) Benzo(b)fluoranthene	15.180	252	59679m	2.617	ng	
90) Benzo(a)pyrene	15.562	252	43461	2.298	ng	97

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

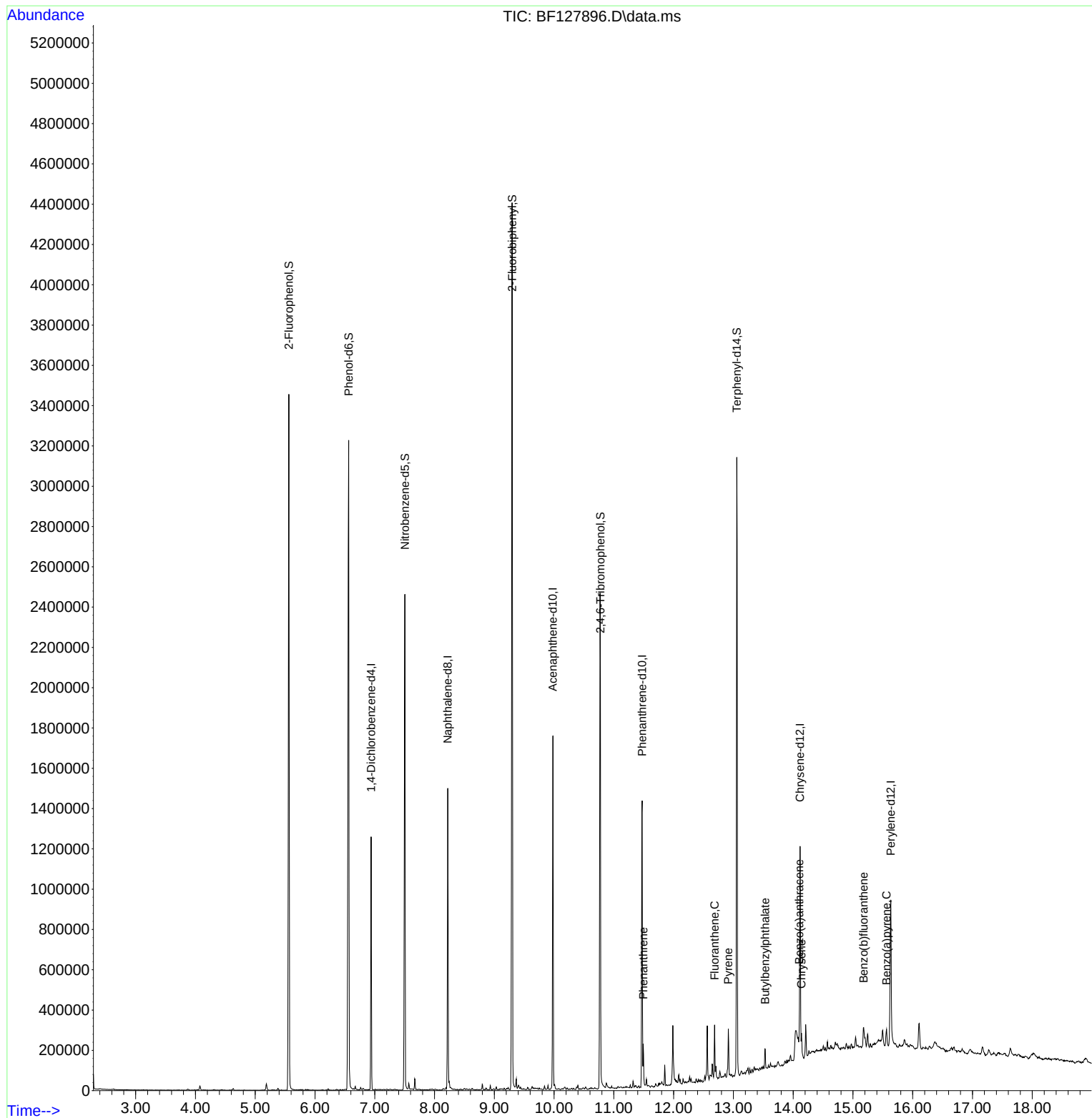
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042522\
Data File : BF127896.D
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ALS Vial : 18 Sample Multiplier: 1

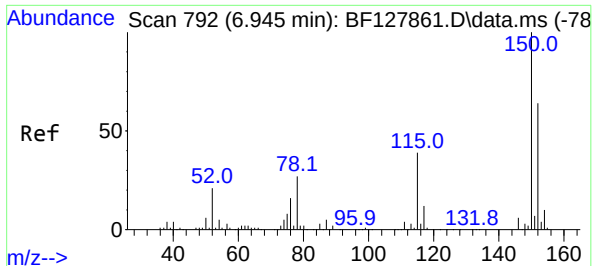
Instrument :
BNA_F
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E14ST-EB2-041822-0-5-DUP

Quant Time: Apr 26 05:40:57 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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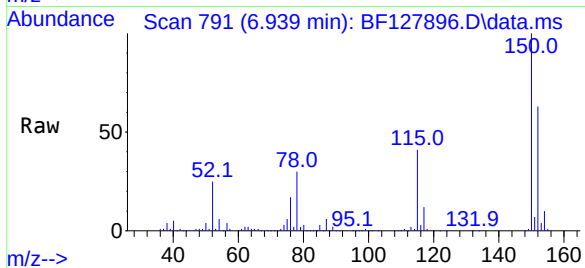
Reviewed By : Christian Giraldo 04/27/2022
Supervised By : Jagrut Upadhyay 04/28/2022





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.939 min Scan# 792
Delta R.T. -0.006 min
Lab File: BF127896.D
Acq: 25 Apr 2022 22:43

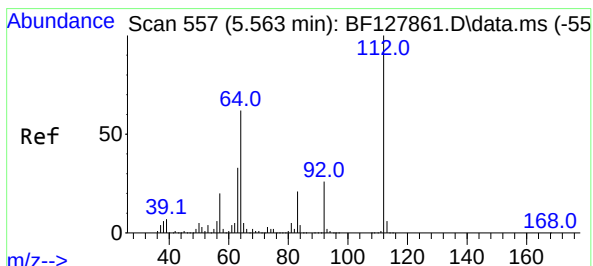
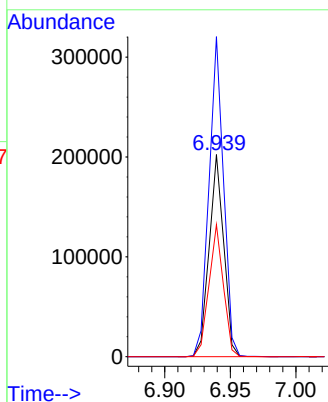
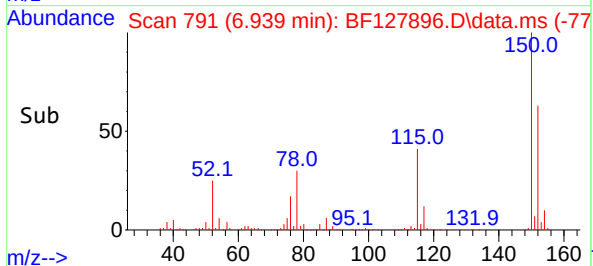
Instrument :
BNA_F
ClientSampleId :
E14ST-EB2-041822-0-5-DUP



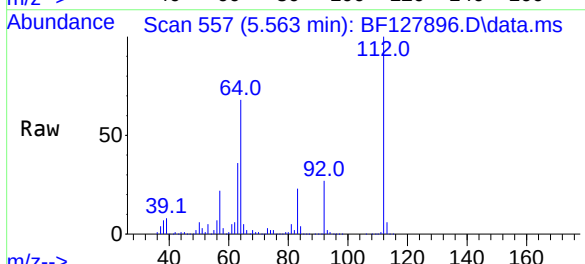
Tgt Ion:152 Resp: 157290
Ion Ratio Lower Upper
152 100
150 158.4 125.3 187.9
115 65.4 48.8 73.2

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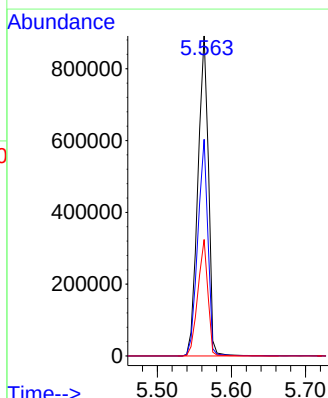
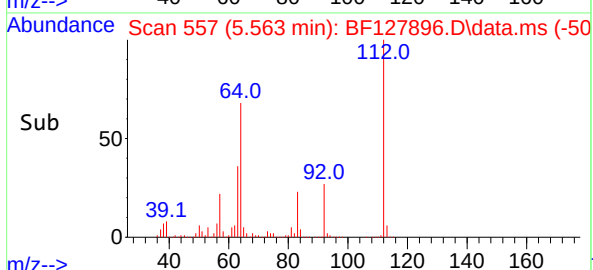
Reviewed By :Christian Giraldo 04/27/2022
Supervised By :Jagrut Upadhyay 04/28/2022

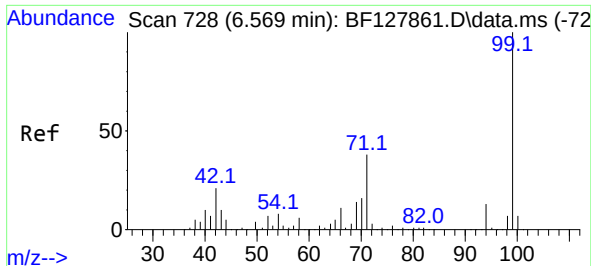


#5
2-Fluorophenol
Concen: 89.066 ng
RT: 5.563 min Scan# 557
Delta R.T. -0.000 min
Lab File: BF127896.D
Acq: 25 Apr 2022 22:43



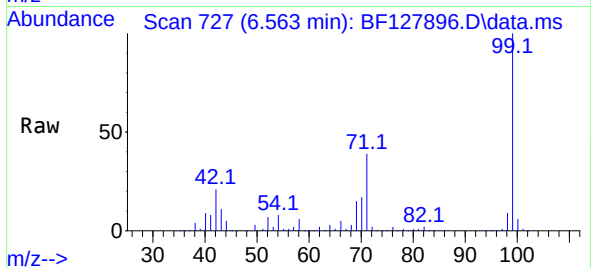
Tgt Ion:112 Resp: 879573
Ion Ratio Lower Upper
112 100
64 67.7 49.5 74.3
63 36.4 26.3 39.5





#7
Phenol-d6
Concen: 88.398 ng
RT: 6.563 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF127896.D
Acq: 25 Apr 2022 22:43

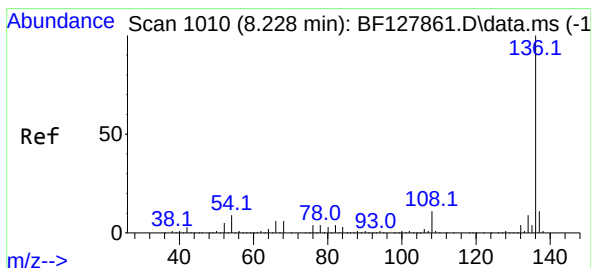
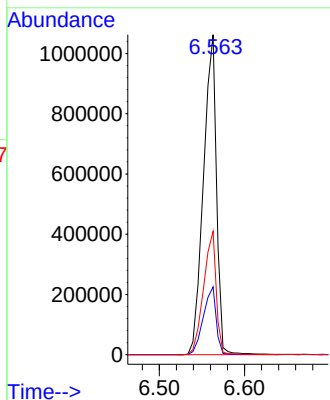
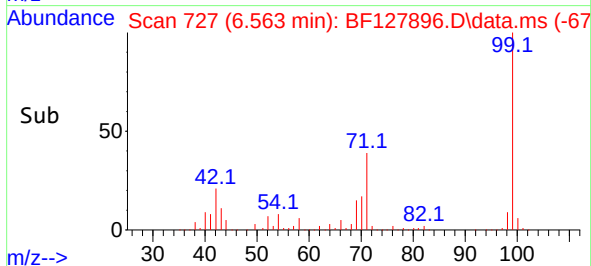
Instrument :
BNA_F
ClientSampleId :
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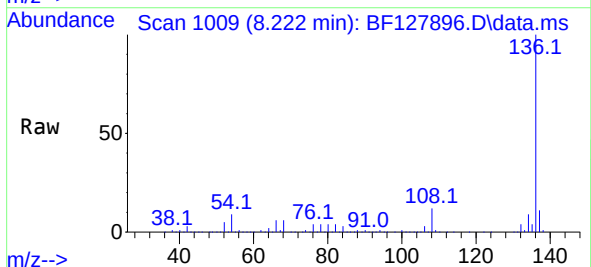
Tgt Ion: 99 Resp: 113274
Ion Ratio Lower Upper
99 100
42 21.2 16.6 24.8
71 38.5 30.0 45.0

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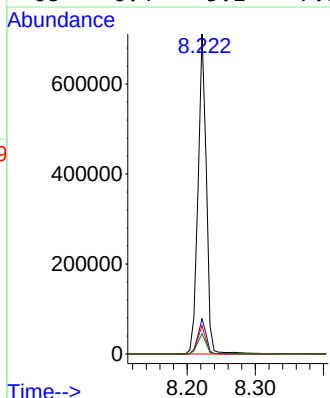
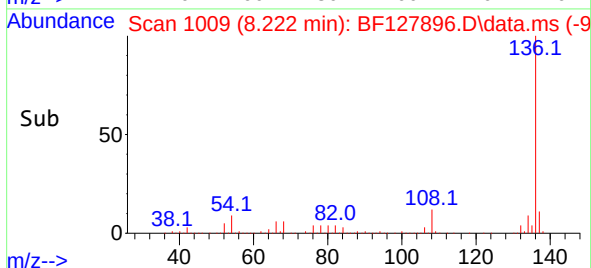
Reviewed By :Christian Giraldo 04/27/2022
Supervised By :Jagrut Upadhyay 04/28/2022

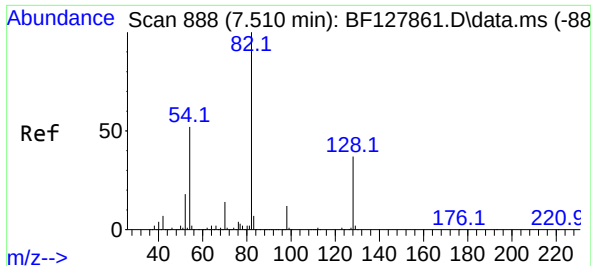


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.222 min Scan# 1009
Delta R.T. -0.006 min
Lab File: BF127896.D
Acq: 25 Apr 2022 22:43



Tgt Ion:136 Resp: 602603
Ion Ratio Lower Upper
136 100
137 11.0 8.6 13.0
54 8.8 6.8 10.2
68 6.4 5.1 7.7





#23

Nitrobenzene-d5

Concen: 63.746 ng

RT: 7.504 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF127896.D

Acq: 25 Apr 2022 22:43

Instrument :

BNA_F

ClientSampleId :

E14ST-EB2-041822-0-5-DUP

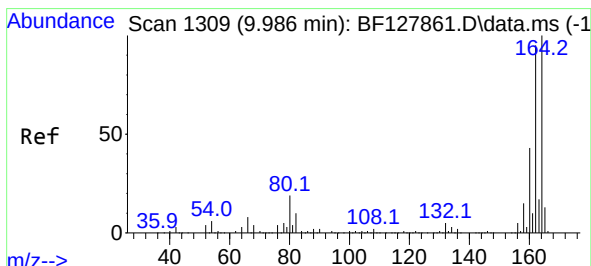
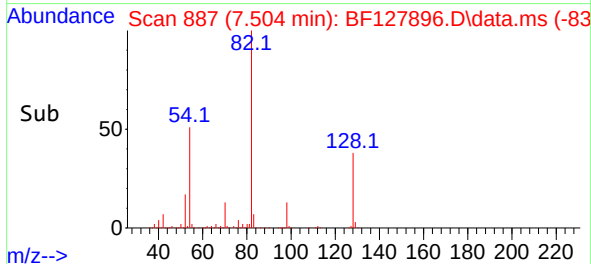
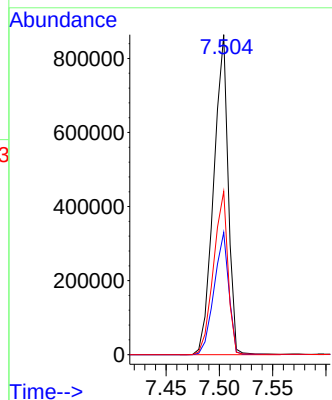
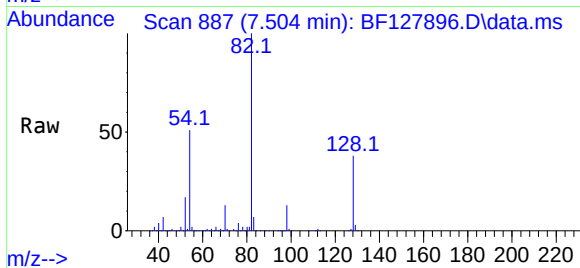
Tgt Ion: 82 Resp: 81689

Ion	Ratio	Lower	Upper
82	100		
128	38.2	30.0	45.0
54	51.0	41.3	61.9

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#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.980 min Scan# 1308

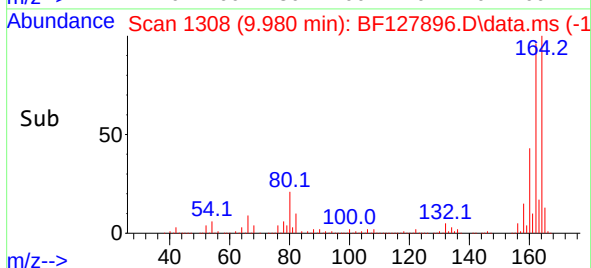
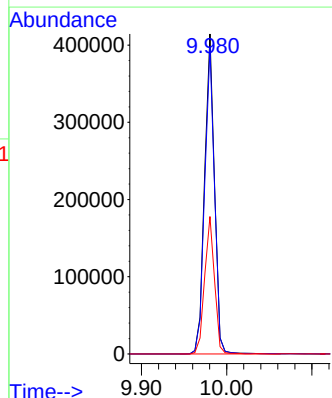
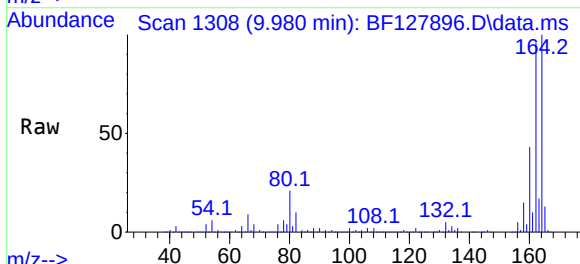
Delta R.T. -0.006 min

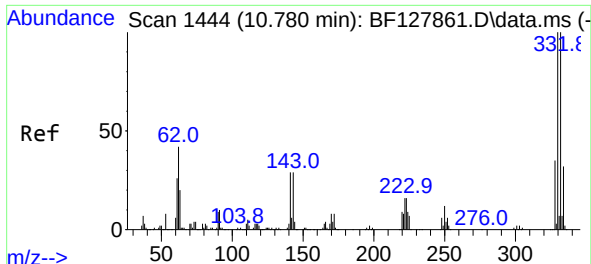
Lab File: BF127896.D

Acq: 25 Apr 2022 22:43

Tgt Ion:164 Resp: 333071

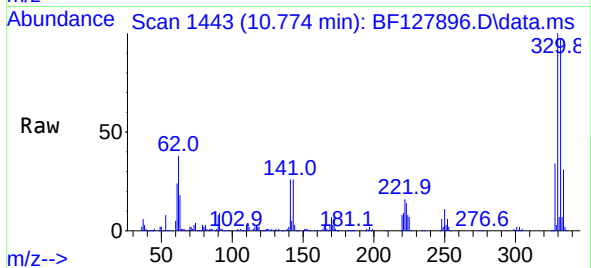
Ion	Ratio	Lower	Upper
164	100		
162	95.7	76.0	114.0
160	42.9	34.8	52.2





#42
2,4,6-Tribromophenol
Concen: 86.186 ng
RT: 10.774 min Scan# 1444
Delta R.T. -0.006 min
Lab File: BF127896.D
Acq: 25 Apr 2022 22:43

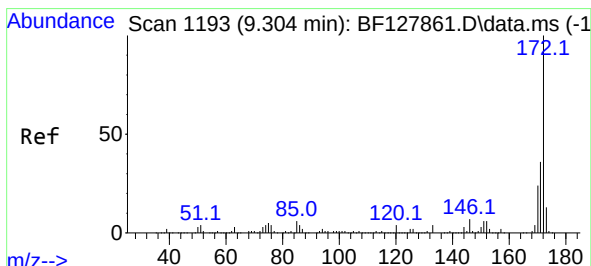
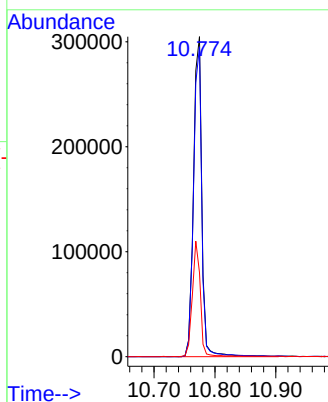
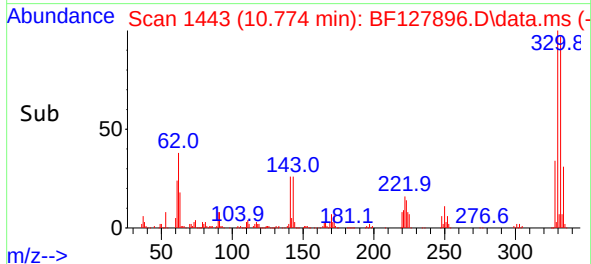
Instrument :
BNA_F
ClientSampleId :
E14ST-EB2-041822-0-5-DUP



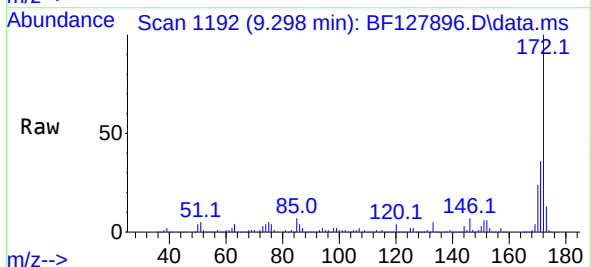
Tgt Ion: 330 Resp: 288974
Ion Ratio Lower Upper
330 100
332 96.3 79.0 118.4
141 34.8 28.9 43.3

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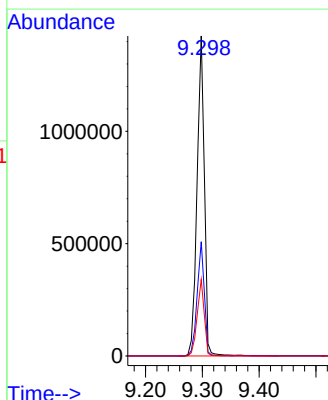
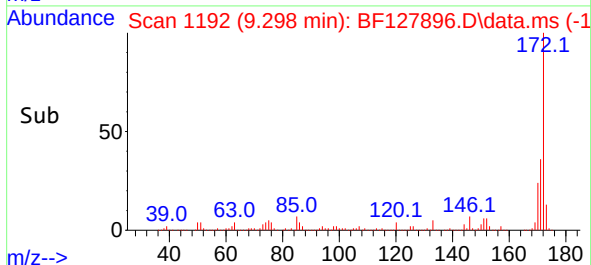
Reviewed By : Christian Giraldo 04/27/2022
Supervised By : Jagrut Upadhyay 04/28/2022

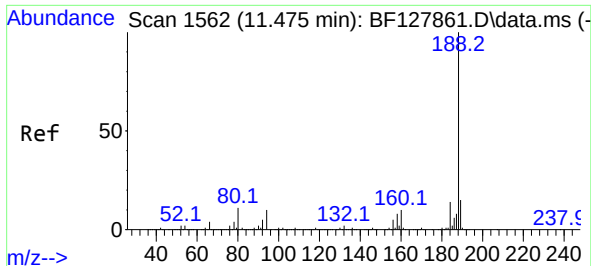


#45
2-Fluorobiphenyl
Concen: 65.914 ng
RT: 9.298 min Scan# 1192
Delta R.T. -0.006 min
Lab File: BF127896.D
Acq: 25 Apr 2022 22:43



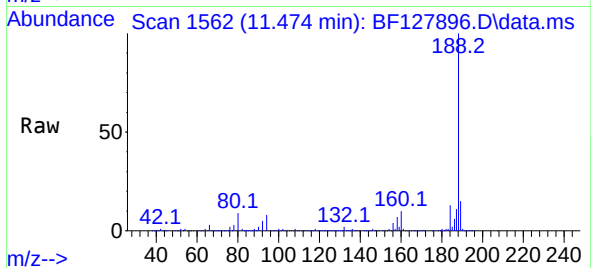
Tgt Ion: 172 Resp: 1297725
Ion Ratio Lower Upper
172 100
171 35.7 28.6 42.8
170 23.9 19.1 28.7





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.474 min Scan# 1562
Delta R.T. -0.000 min
Lab File: BF127896.D
Acq: 25 Apr 2022 22:43

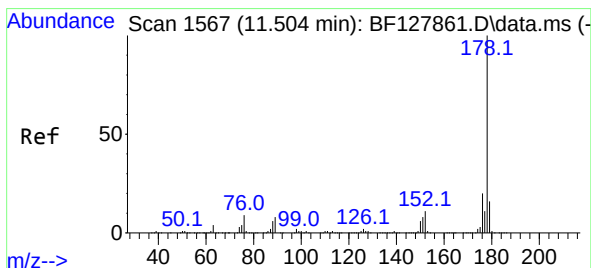
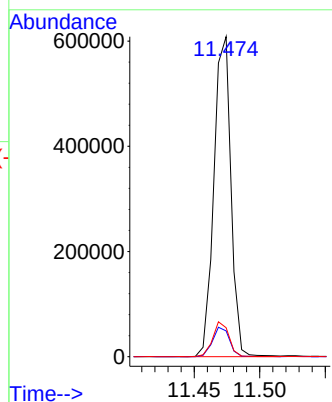
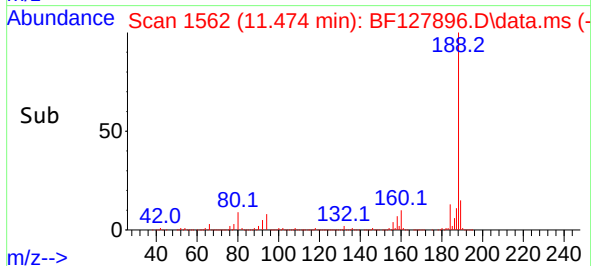
Instrument :
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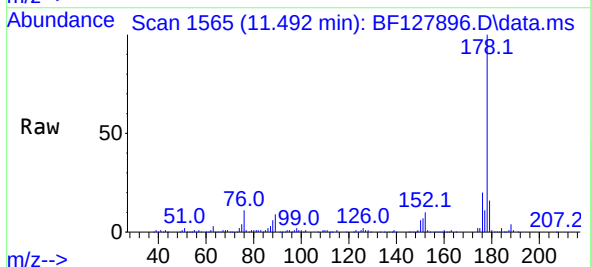
Tgt Ion:188 Resp: 549480
Ion Ratio Lower Upper
188 100
94 8.1 8.0 12.0
80 9.1 8.9 13.3

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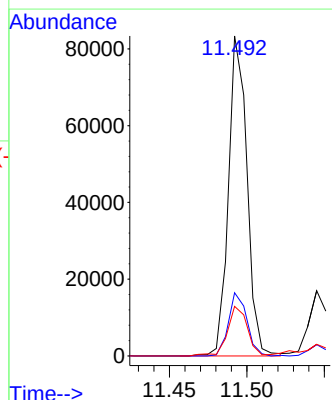
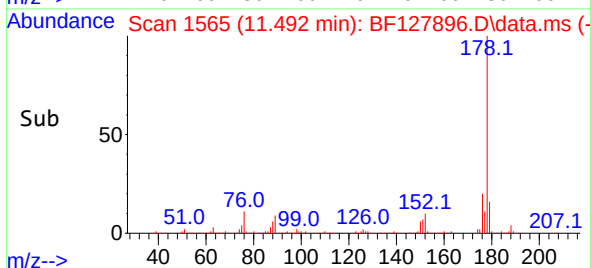
Reviewed By :Christian Giraldo 04/27/2022
Supervised By :Jagrut Upadhyay 04/28/2022

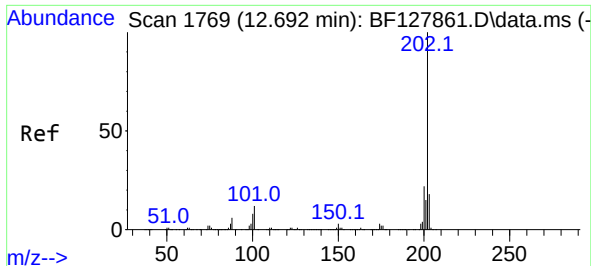


#71
Phenanthrene
Concen: 2.417 ng
RT: 11.492 min Scan# 1565
Delta R.T. -0.012 min
Lab File: BF127896.D
Acq: 25 Apr 2022 22:43



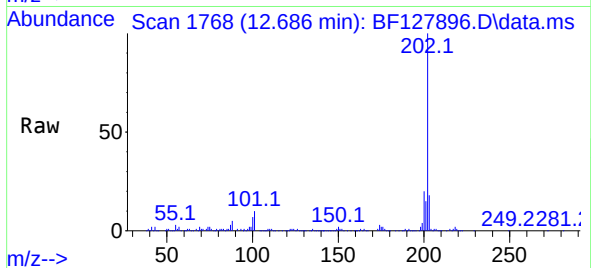
Tgt Ion:178 Resp: 69527
Ion Ratio Lower Upper
178 100
176 19.8 15.7 23.5
179 15.5 12.6 19.0





#75
Fluoranthene
Concen: 3.143 ng
RT: 12.686 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF127896.D
Acq: 25 Apr 2022 22:43

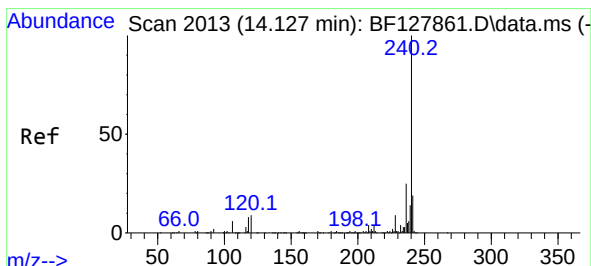
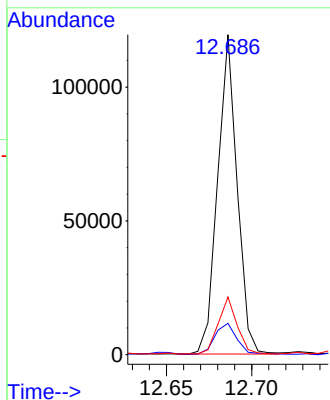
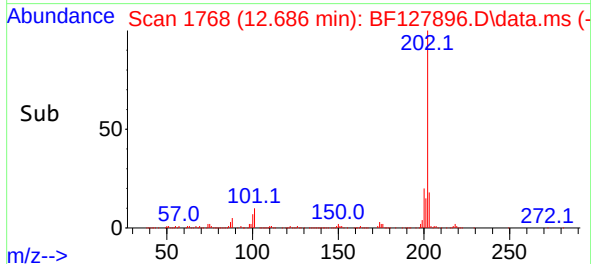
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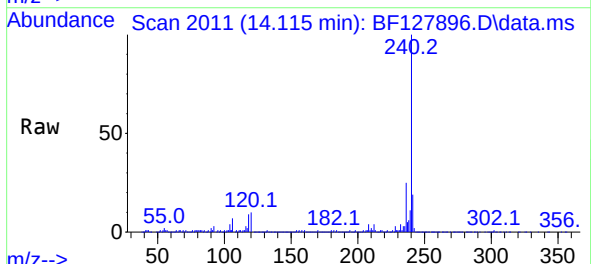
Tgt Ion:202 Resp: 9514
Ion Ratio Lower Upper
202 100
101 9.8 0.0 31.6
203 18.0 0.0 38.1

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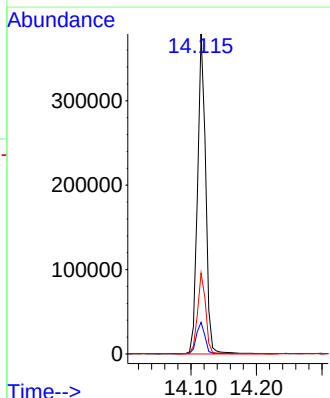
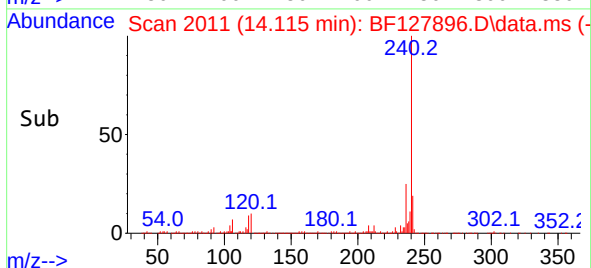
Reviewed By :Christian Giraldo 04/27/2022
Supervised By :Jagrut Upadhyay 04/28/2022

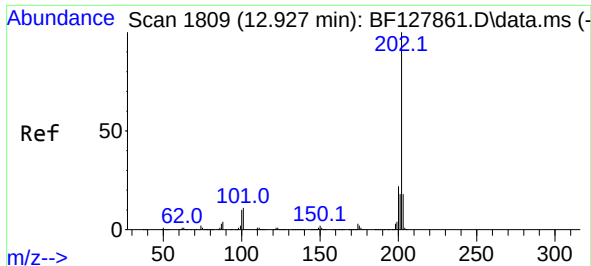


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.115 min Scan# 2011
Delta R.T. -0.012 min
Lab File: BF127896.D
Acq: 25 Apr 2022 22:43



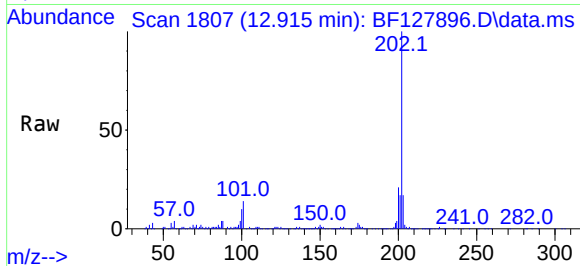
Tgt Ion:240 Resp: 329409
Ion Ratio Lower Upper
240 100
120 9.9 7.0 10.6
236 25.3 20.3 30.5





#78
Pyrene
Concen: 3.374 ng
RT: 12.915 min Scan# 1809
Delta R.T. -0.012 min
Lab File: BF127896.D
Acq: 25 Apr 2022 22:43

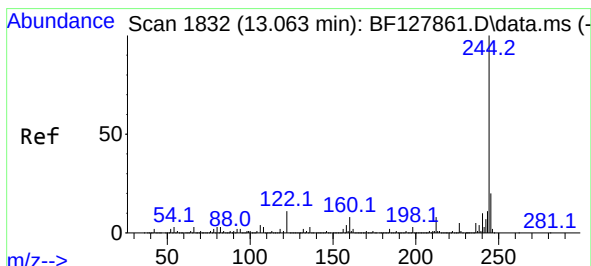
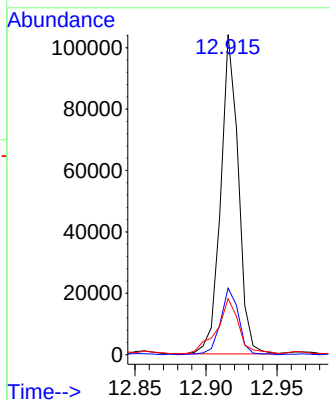
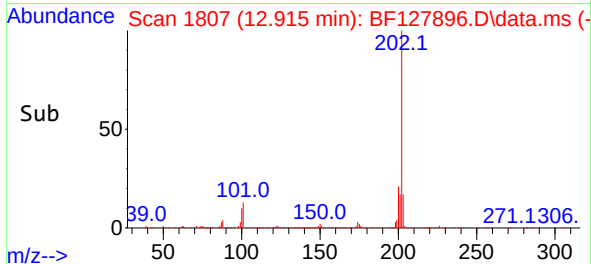
Instrument : BNA_F
ClientSampleId : E14ST-EB2-041822-0-5-DUP



Tgt Ion:202 Resp: 89709
Ion Ratio Lower Upper
202 100
200 20.8 17.4 26.2
203 17.5 14.0 21.0

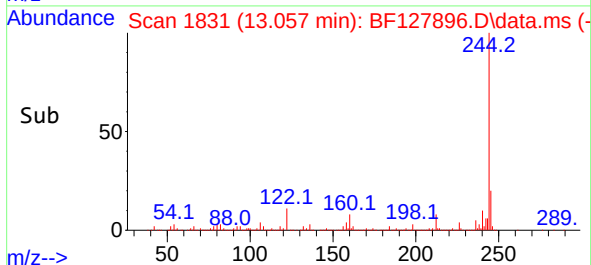
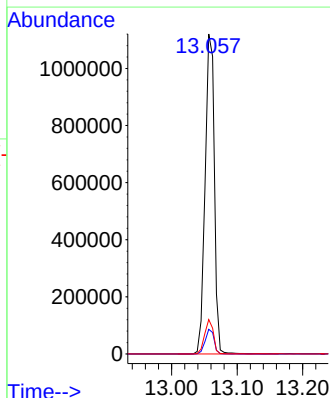
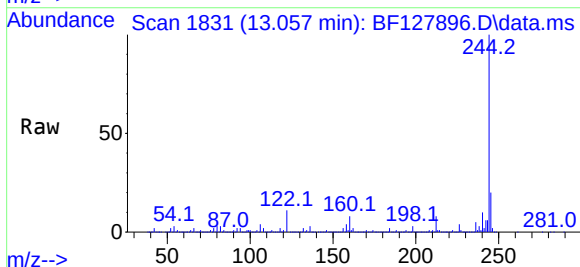
Manual Integrations
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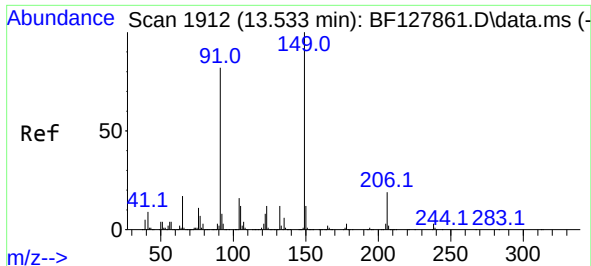
Reviewed By :Christian Giraldo 04/27/2022
Supervised By :Jagrut Upadhyay 04/28/2022



#79
Terphenyl-d14
Concen: 61.095 ng
RT: 13.057 min Scan# 1831
Delta R.T. -0.006 min
Lab File: BF127896.D
Acq: 25 Apr 2022 22:43

Tgt Ion:244 Resp: 1100604
Ion Ratio Lower Upper
244 100
212 7.7 6.2 9.4
122 10.7 8.6 12.8





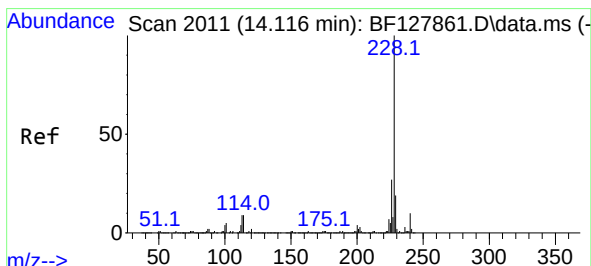
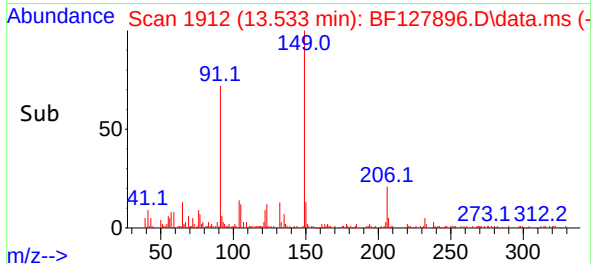
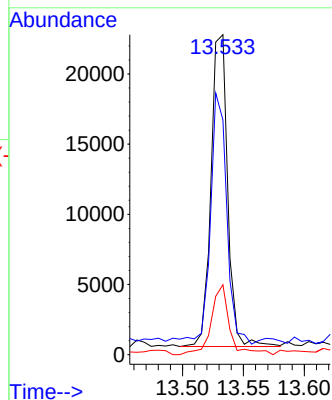
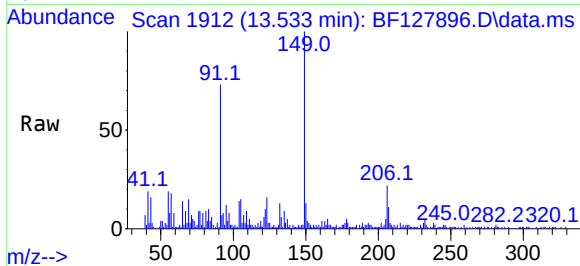
#80
Butylbenzylphthalate
Concen: 2.044 ng
RT: 13.533 min Scan# 1912
Delta R.T. -0.000 min
Lab File: BF127896.D
Acq: 25 Apr 2022 22:43

Instrument :
BNA_F
ClientSampleId :
E14ST-EB2-041822-0-5-DUP

Tgt Ion:149 Resp: 21300
Ion Ratio Lower Upper
149 100
91 73.3 65.8 98.6
206 21.9 15.4 23.2

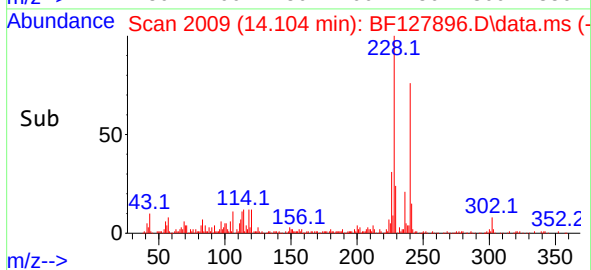
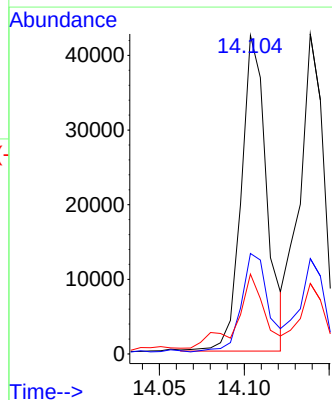
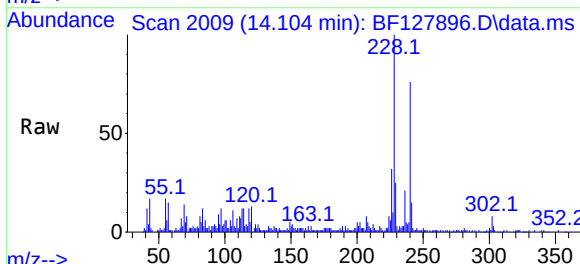
Manual Integrations
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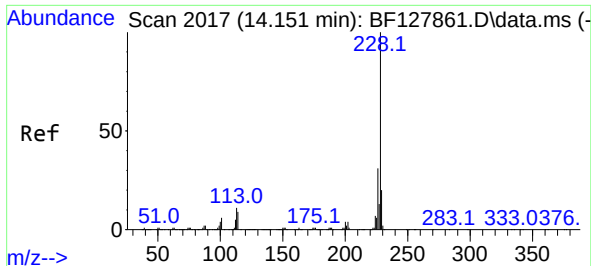
Reviewed By :Christian Giraldo 04/27/2022
Supervised By :Jagrut Upadhyay 04/28/2022



#81
Benzo(a)anthracene
Concen: 2.013 ng m
RT: 14.104 min Scan# 2009
Delta R.T. -0.012 min
Lab File: BF127896.D
Acq: 25 Apr 2022 22:43

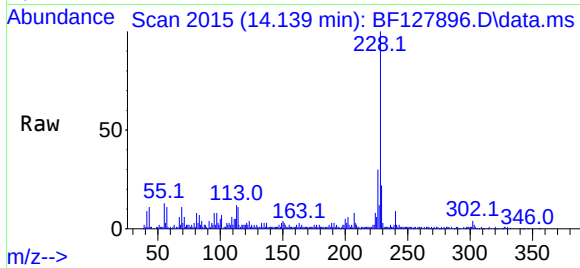
Tgt Ion:228 Resp: 44198
Ion Ratio Lower Upper
228 100
226 31.5 21.7 32.5
229 25.1 15.4 23.2#





#83
Chrysene
Concen: 2.092 ng
RT: 14.139 min Scan# 2017
Delta R.T. -0.012 min
Lab File: BF127896.D
Acq: 25 Apr 2022 22:43

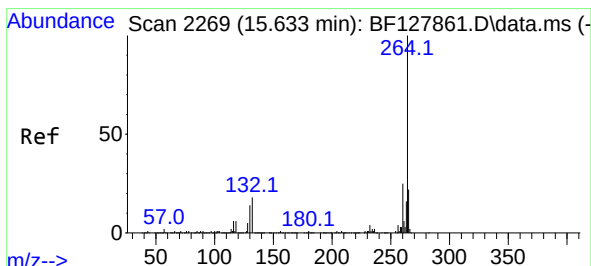
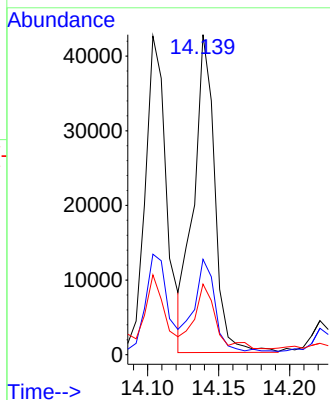
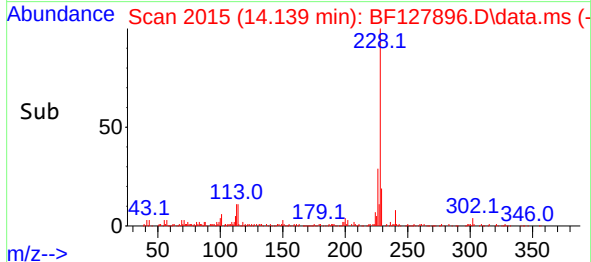
Instrument : BNA_F
Client SampleId : E14ST-EB2-041822-0-5-DUP



Tgt Ion: 228 Resp: 43870
Ion Ratio Lower Upper
228 100
226 29.8 24.4 36.6
229 22.0 15.8 23.8

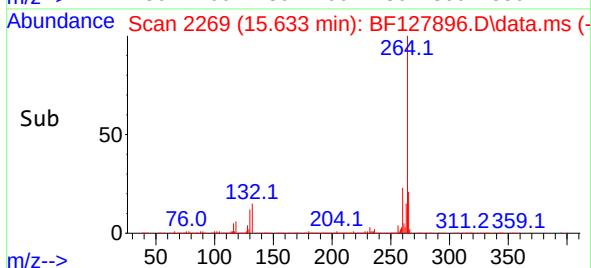
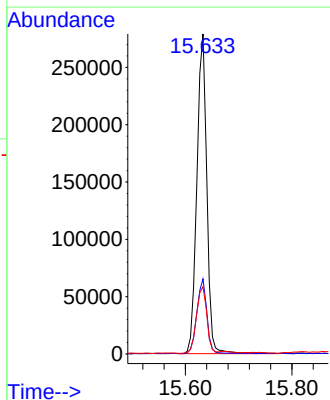
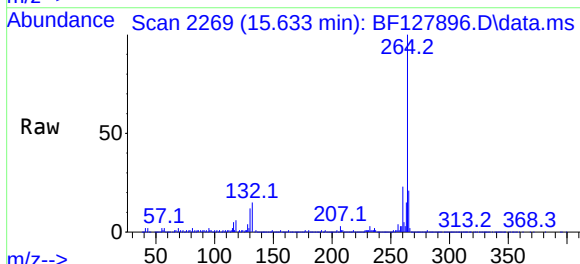
Manual Integrations
APPROVED

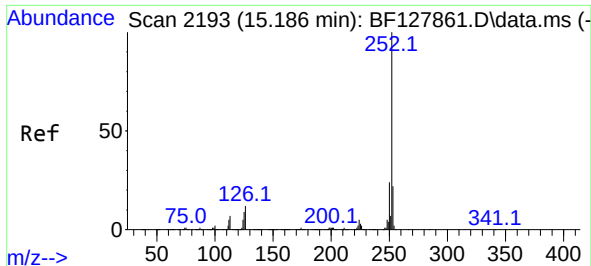
Reviewed By : Christian Giraldo 04/27/2022
Supervised By : Jagrut Upadhyay 04/28/2022



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.633 min Scan# 2269
Delta R.T. -0.000 min
Lab File: BF127896.D
Acq: 25 Apr 2022 22:43

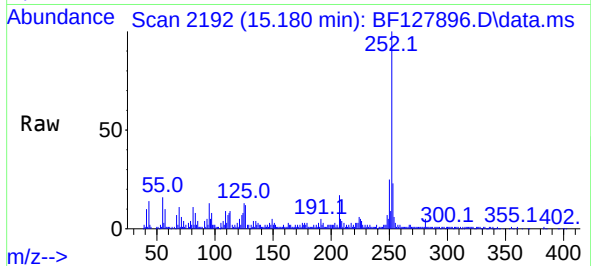
Tgt Ion: 264 Resp: 363054
Ion Ratio Lower Upper
264 100
260 23.4 20.1 30.1
265 21.0 17.5 26.3





#88
Benzo(b)fluoranthene
Concen: 2.617 ng m
RT: 15.180 min Scan# 2193
Delta R.T. -0.006 min
Lab File: BF127896.D
Acq: 25 Apr 2022 22:43

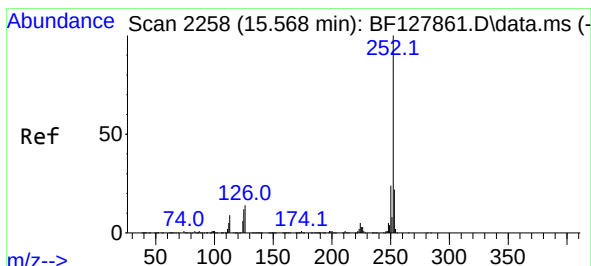
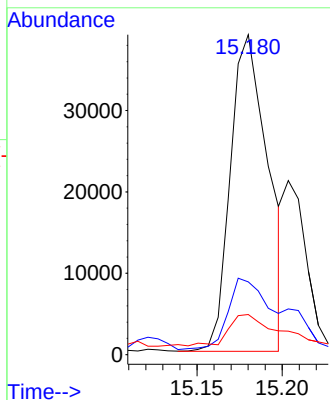
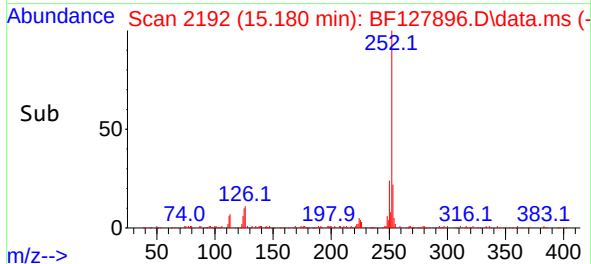
Instrument :
BNA_F
ClientSampleId :
E14ST-EB2-041822-0-5-DUP



Tgt Ion:252 Resp: 59679
Ion Ratio Lower Upper
252 100
253 22.8 17.4 26.2
125 12.5 7.4 11.2

Manual Integrations
APPROVED

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



#90
Benzo(a)pyrene
Concen: 2.298 ng
RT: 15.562 min Scan# 2257
Delta R.T. -0.006 min
Lab File: BF127896.D
Acq: 25 Apr 2022 22:43

Tgt Ion:252 Resp: 43461
Ion Ratio Lower Upper
252 100
253 23.1 17.8 26.6
125 13.8 9.2 13.8

