

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031722\
 Data File : BF127372.D
 Acq On : 17 Mar 2022 13:22
 Operator : CG\JU
 Sample : N1894-01 2X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP1(0-10)

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 03/18/2022
 Supervised By : Jagrut Upadhyay 03/18/2022

Quant Time: Mar 17 13:47:08 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031022.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 10 16:51:53 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	125139	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	439874	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	227981	20.000	ng	-0.01
64) Phenanthrene-d10	11.398	188	332632	20.000	ng	# 0.00
76) Chrysene-d12	14.045	240	260669	20.000	ng	# 0.00
86) Perylene-d12	15.533	264	195528	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	280822	36.075	ng	0.00
7) Phenol-d6	6.498	99	373949	34.920	ng	0.00
23) Nitrobenzene-d5	7.428	82	253101	23.763	ng	-0.01
42) 2,4,6-Tribromophenol	10.698	330	55233	22.506	ng	-0.01
45) 2-Fluorobiphenyl	9.222	172	428485	26.572	ng	-0.01
79) Terphenyl-d14	12.980	244	313513	20.710	ng	-0.01
Target Compounds						Qvalue
71) Phenanthrene	11.422	178	182868	10.414	ng	99
72) Anthracene	11.475	178	41729	2.400	ng	98
75) Fluoranthene	12.616	202	414022	21.088	ng	92
78) Pyrene	12.845	202	375757	18.507	ng	100
80) Butylbenzylphthalate	13.457	149	25780	3.299	ng	# 86
81) Benzo(a)anthracene	14.033	228	200569	11.427	ng	98
83) Chrysene	14.074	228	194214	11.897	ng	98
84) Bis(2-ethylhexyl)phtha...	14.021	149	2037634	193.716	ng	# 95
85) Di-n-octyl phthalate	14.627	149	611068	38.382	ng	# 92
87) Indeno(1,2,3-cd)pyrene	17.039	276	86284	7.325	ng	# 81
88) Benzo(b)fluoranthene	15.098	252	225311m	17.555	ng	
89) Benzo(k)fluoranthene	15.121	252	73366m	6.080	ng	
90) Benzo(a)pyrene	15.474	252	145859m	14.432	ng	
91) Dibenzo(a,h)anthracene	17.045	278	23447m	2.392	ng	
92) Benzo(g,h,i)perylene	17.498	276	85763	8.968	ng	# 84

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

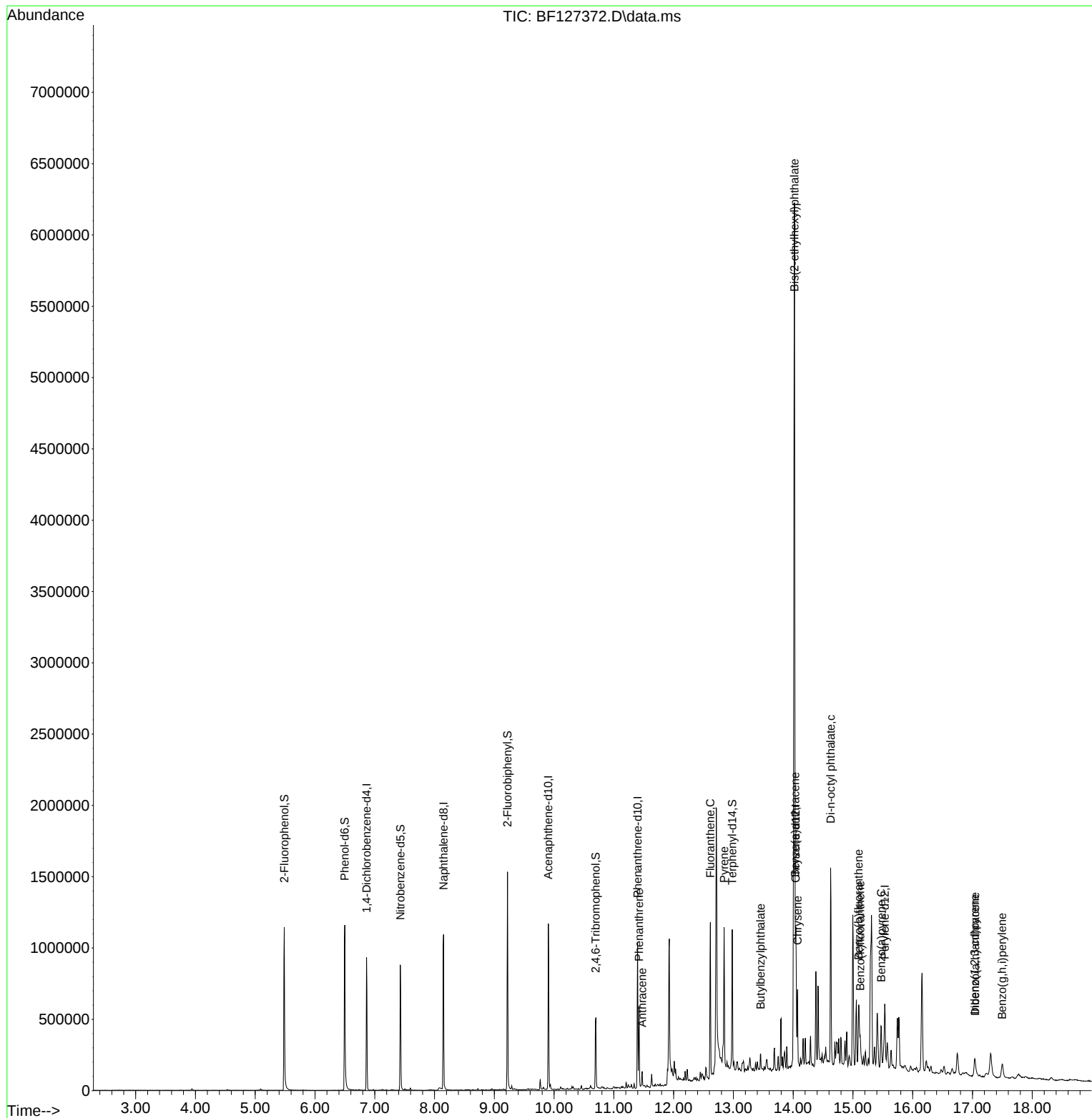
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031722\
Data File : BF127372.D
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ALS Vial : 7 Sample Multiplier: 1

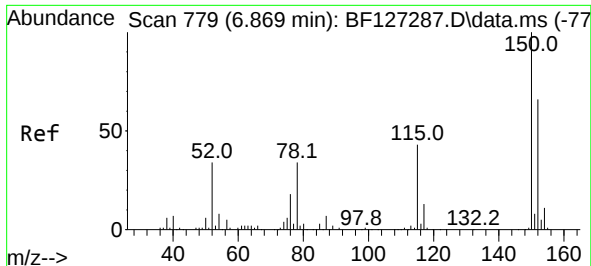
Instrument :
BNA_F
ClientSampleId :
TP1(0-10)

Quant Time: Mar 17 13:47:08 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031022.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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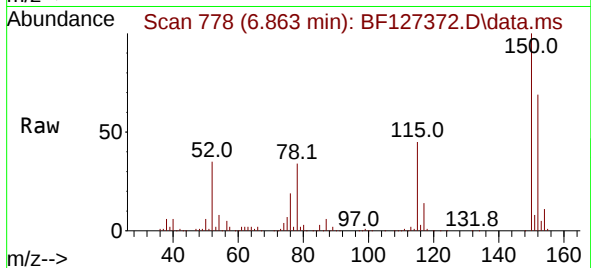
Reviewed By : Christian Giraldo 03/18/2022
Supervised By : Jagrut Upadhyay 03/18/2022





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF127372.D
Acq: 17 Mar 2022 13:22

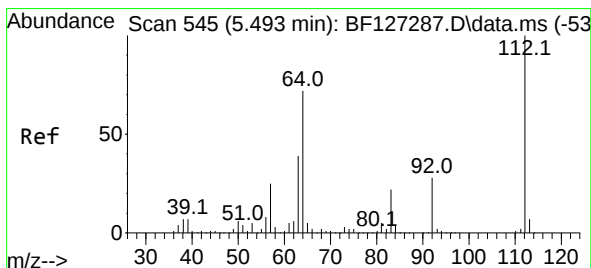
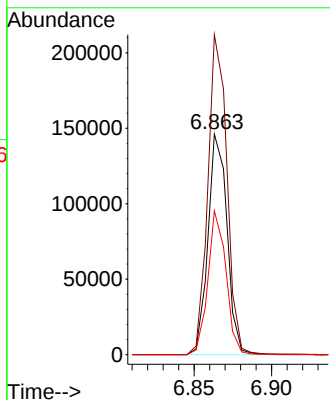
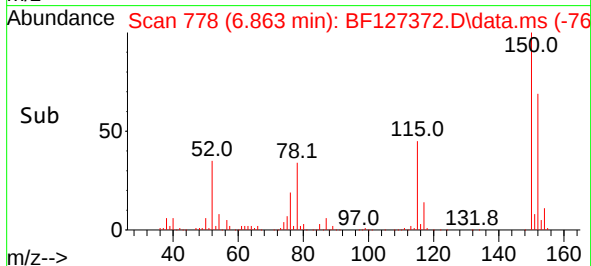
Instrument :
BNA_F
ClientSampleId :
TP1(0-10)



Tgt Ion:152 Resp: 125139
Ion Ratio Lower Upper
152 100
150 145.0 128.1 192.1
115 65.2 56.7 85.1

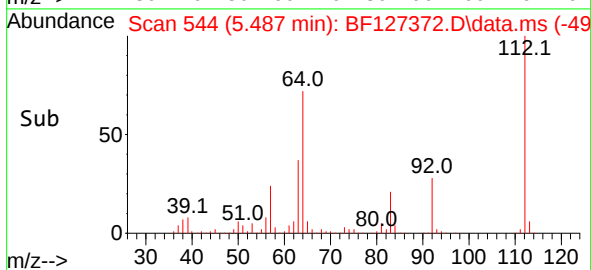
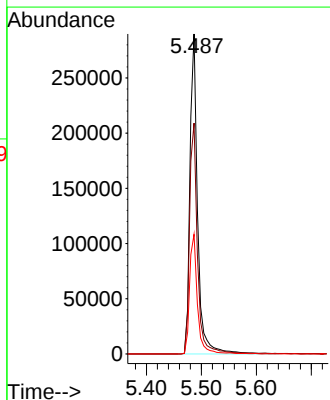
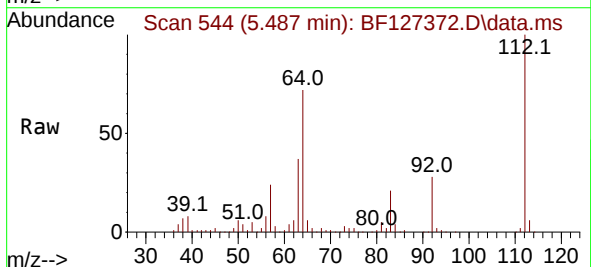
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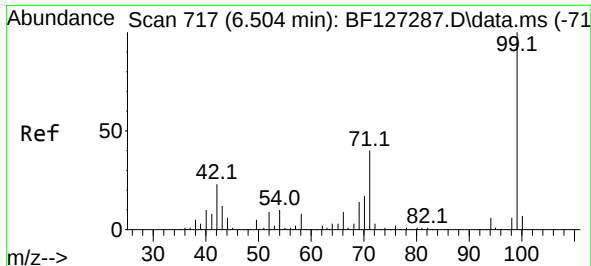
Reviewed By :Christian Giraldo 03/18/2022
Supervised By :Jagrut Upadhyay 03/18/2022



#5
2-Fluorophenol
Concen: 36.075 ng
RT: 5.487 min Scan# 544
Delta R.T. -0.006 min
Lab File: BF127372.D
Acq: 17 Mar 2022 13:22

Tgt Ion:112 Resp: 280822
Ion Ratio Lower Upper
112 100
64 72.1 49.5 74.3
63 37.4 23.9 35.9





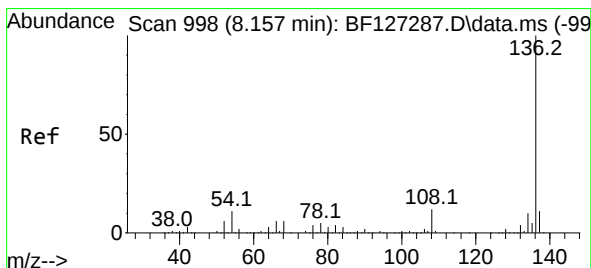
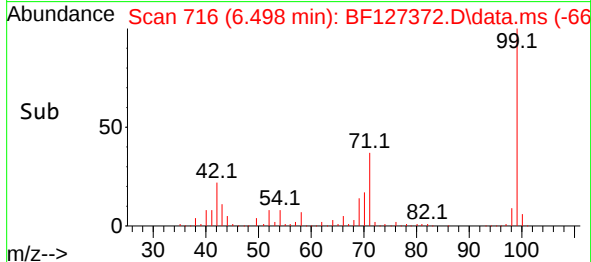
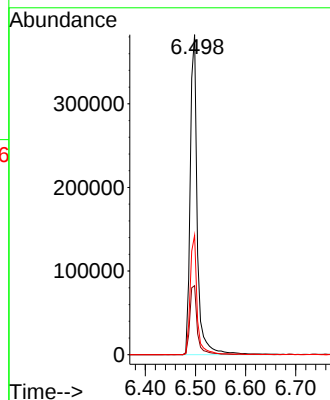
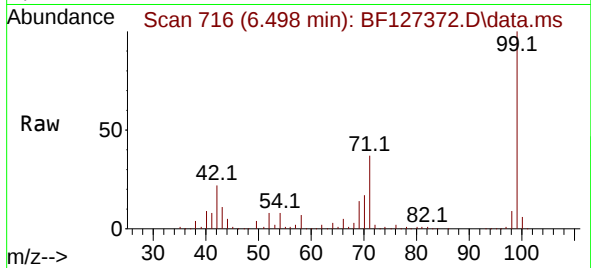
#7
Phenol-d6
Concen: 34.920 ng
RT: 6.498 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF127372.D
Acq: 17 Mar 2022 13:22

Instrument :
BNA_F
ClientSampleId :
TP1(0-10)

Tgt Ion: 99 Resp: 373949
Ion Ratio Lower Upper
99 100
42 21.6 14.2 21.4
71 37.3 24.3 36.5

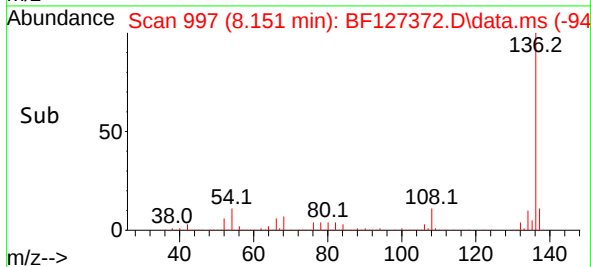
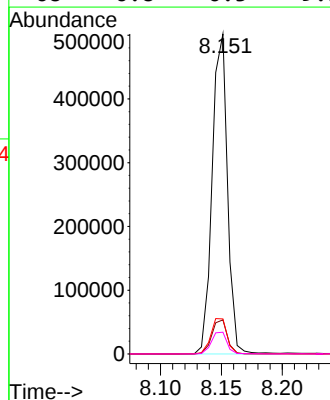
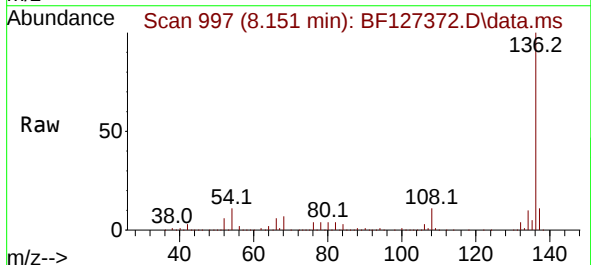
Manual Integrations
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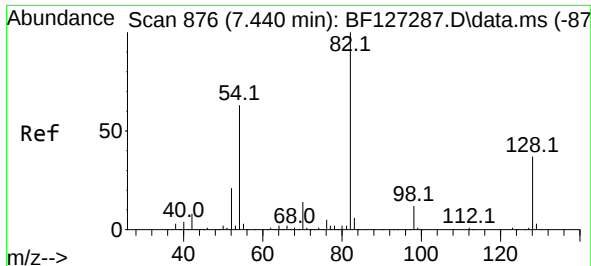
Reviewed By :Christian Giraldo 03/18/2022
Supervised By :Jagrut Upadhyay 03/18/2022



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 997
Delta R.T. -0.006 min
Lab File: BF127372.D
Acq: 17 Mar 2022 13:22

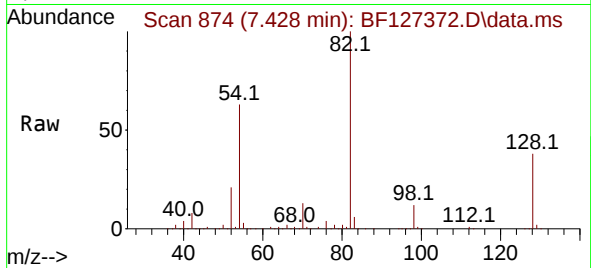
Tgt Ion:136 Resp: 439874
Ion Ratio Lower Upper
136 100
137 10.6 8.6 13.0
54 11.0 7.8 11.6
68 6.8 6.3 9.5





#23
Nitrobenzene-d5
Concen: 23.763 ng
RT: 7.428 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF127372.D
Acq: 17 Mar 2022 13:22

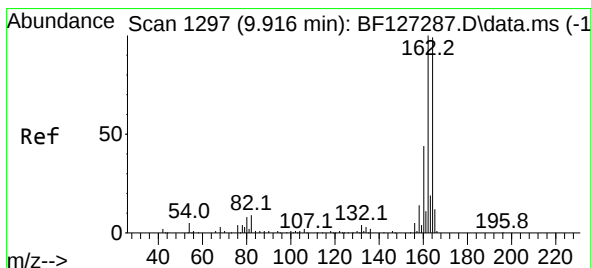
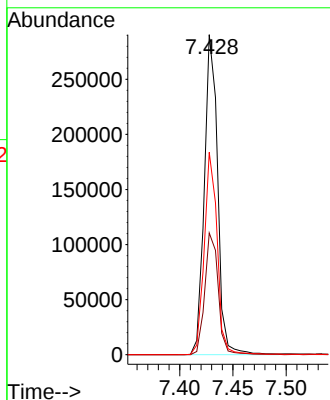
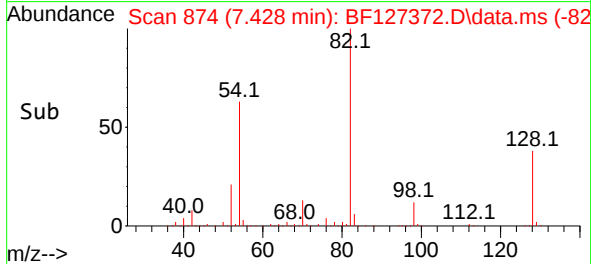
Instrument :
BNA_F
ClientSampleId :
TP1(0-10)



Tgt Ion: 82 Resp: 25310
Ion Ratio Lower Upper
82 100
128 38.1 32.7 49.1
54 63.2 41.7 62.5

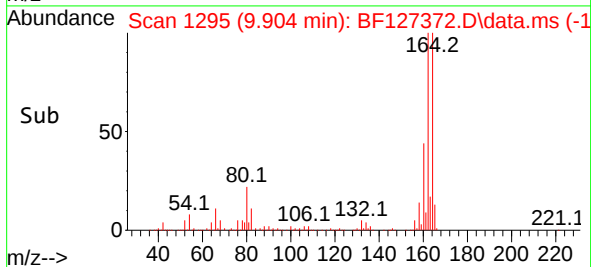
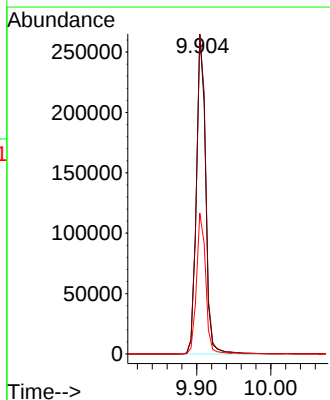
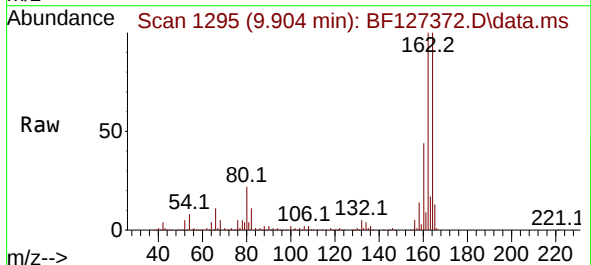
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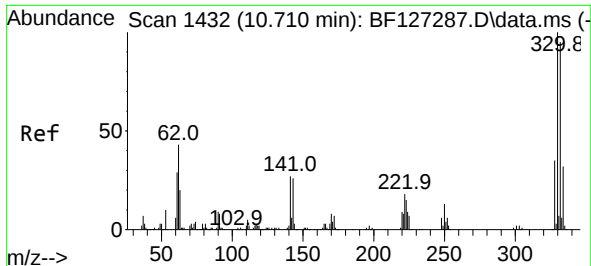
Reviewed By :Christian Giraldo 03/18/2022
Supervised By :Jagrut Upadhyay 03/18/2022



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 1295
Delta R.T. -0.012 min
Lab File: BF127372.D
Acq: 17 Mar 2022 13:22

Tgt Ion:164 Resp: 227981
Ion Ratio Lower Upper
164 100
162 100.2 81.4 122.0
160 44.1 36.6 54.8





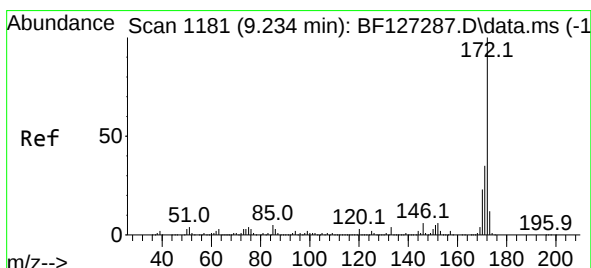
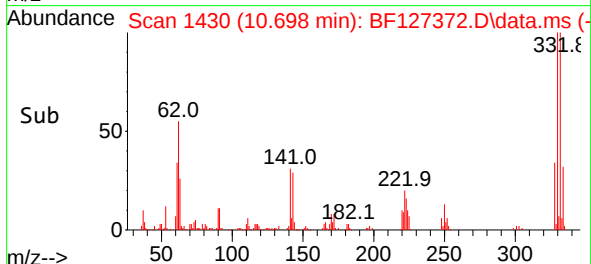
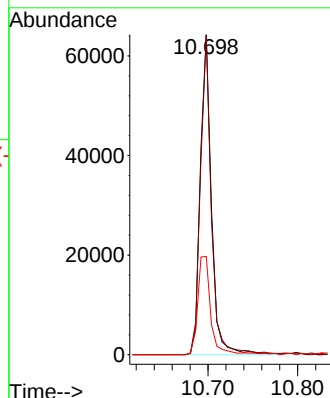
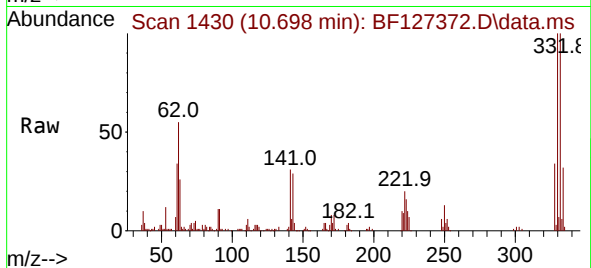
#42
2,4,6-Tribromophenol
Concen: 22.506 ng
RT: 10.698 min Scan# 1432
Delta R.T. -0.012 min
Lab File: BF127372.D
Acq: 17 Mar 2022 13:22

Instrument :
BNA_F
ClientSampleId :
TP1(0-10)

Tgt Ion: 330 Resp: 5523
Ion Ratio Lower Upper
330 100
332 98.3 76.0 114.0
141 36.2 30.1 45.1

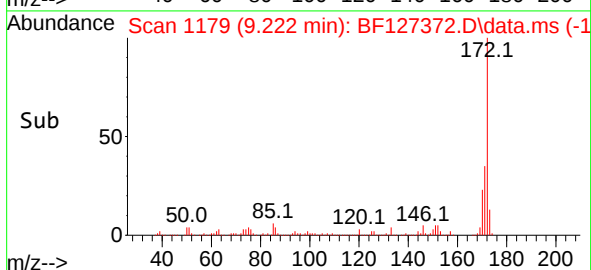
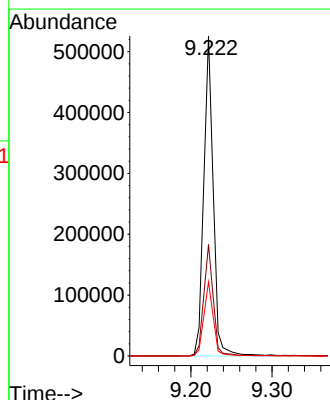
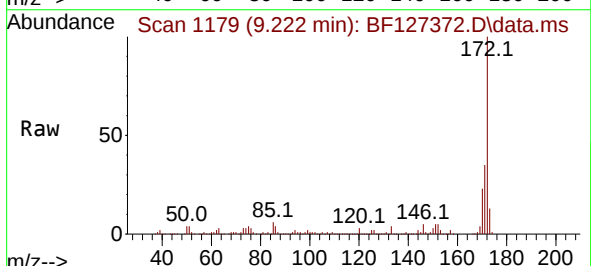
Manual Integrations
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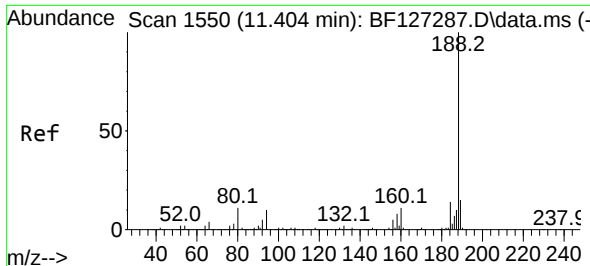
Reviewed By : Christian Giraldo 03/18/2022
Supervised By : Jagrut Upadhyay 03/18/2022



#45
2-Fluorobiphenyl
Concen: 26.572 ng
RT: 9.222 min Scan# 1179
Delta R.T. -0.012 min
Lab File: BF127372.D
Acq: 17 Mar 2022 13:22

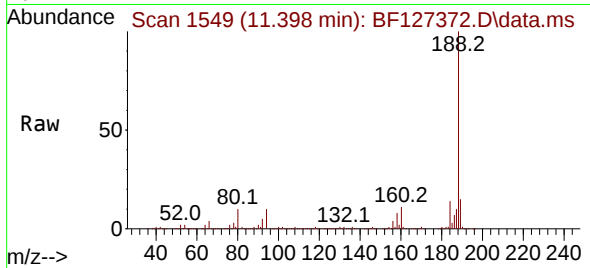
Tgt Ion: 172 Resp: 428485
Ion Ratio Lower Upper
172 100
171 34.8 28.3 42.5
170 23.2 19.0 28.6





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 1137
Delta R.T. -0.006 min
Lab File: BF127372.D
Acq: 17 Mar 2022 13:22

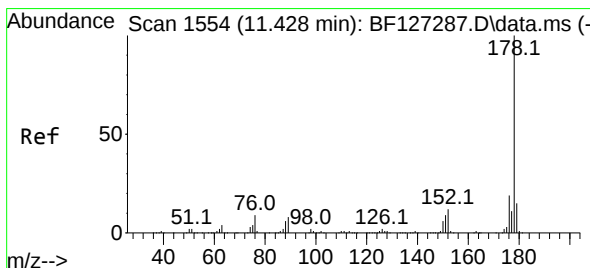
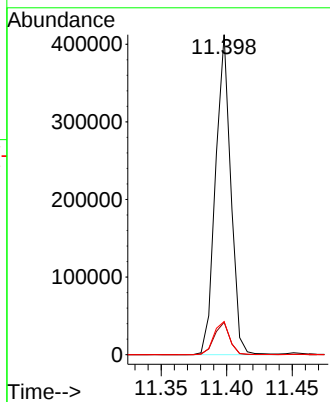
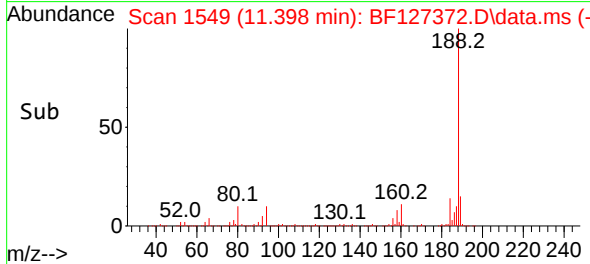
Instrument :
BNA_F
ClientSampleId :
TP1(0-10)



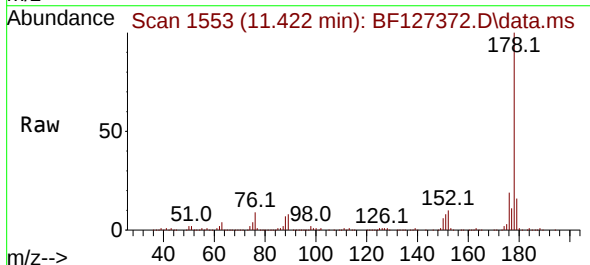
Tgt Ion:188 Resp: 332632
Ion Ratio Lower Upper
188 100
94 10.2 10.1 15.1
80 10.3 11.8 17.6

Manual Integrations
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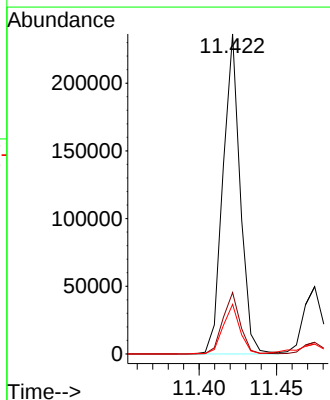
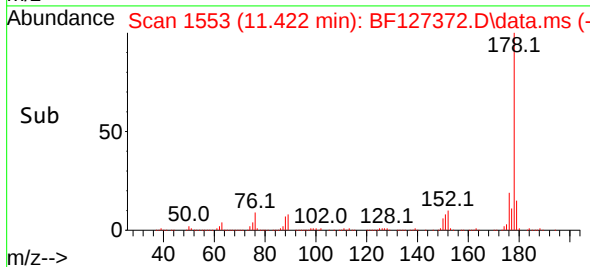
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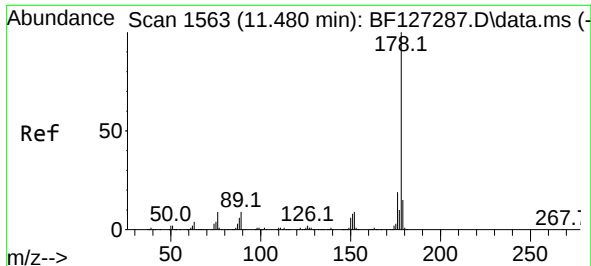


#71
Phenanthrene
Concen: 10.414 ng
RT: 11.422 min Scan# 1553
Delta R.T. -0.006 min
Lab File: BF127372.D
Acq: 17 Mar 2022 13:22



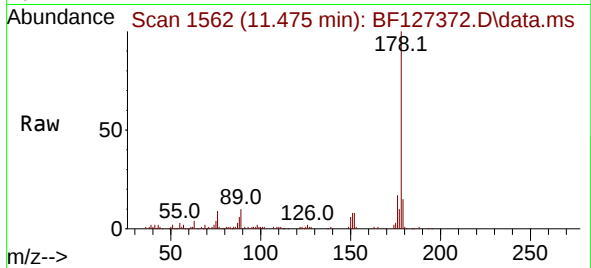
Tgt Ion:178 Resp: 182868
Ion Ratio Lower Upper
178 100
176 19.2 15.7 23.5
179 15.5 12.3 18.5





#72
 Anthracene
 Concen: 2.400 ng
 RT: 11.475 min Scan# 1562
 Delta R.T. -0.006 min
 Lab File: BF127372.D
 Acq: 17 Mar 2022 13:22

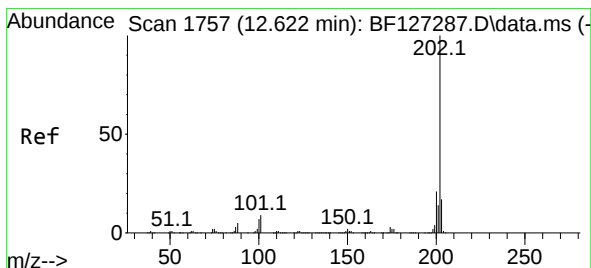
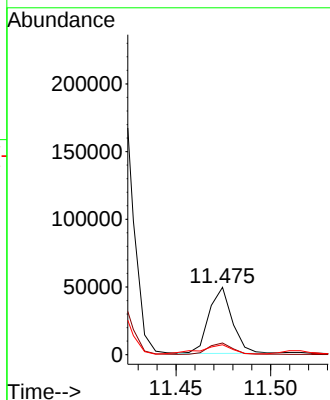
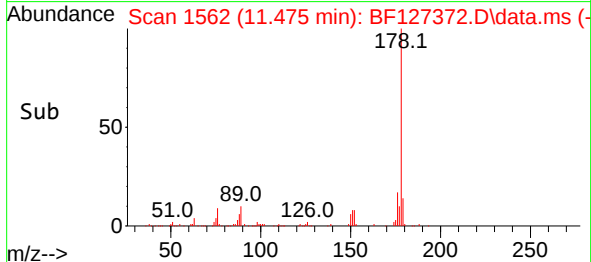
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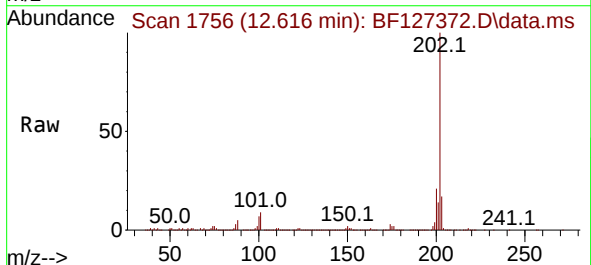
Tgt Ion:178 Resp: 41729
 Ion Ratio Lower Upper
 178 100
 176 17.5 15.0 22.6
 179 14.8 12.5 18.7

Manual Integrations
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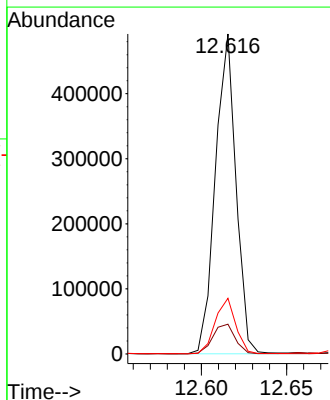
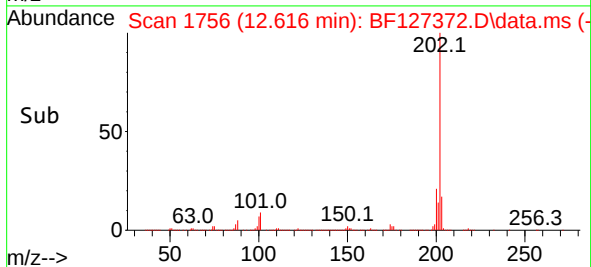
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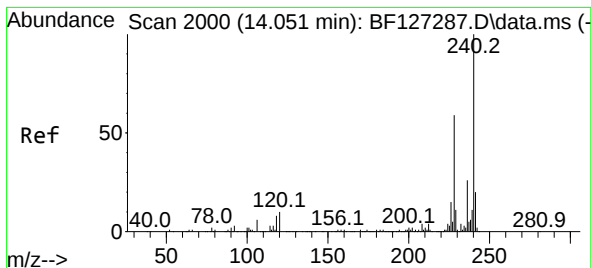


#75
 Fluoranthene
 Concen: 21.088 ng
 RT: 12.616 min Scan# 1756
 Delta R.T. -0.006 min
 Lab File: BF127372.D
 Acq: 17 Mar 2022 13:22



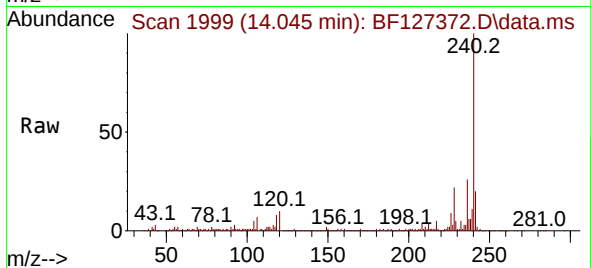
Tgt Ion:202 Resp: 414022
 Ion Ratio Lower Upper
 202 100
 101 9.3 0.0 35.7
 203 17.4 0.0 37.1





#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 1999
Delta R.T. -0.006 min
Lab File: BF127372.D
Acq: 17 Mar 2022 13:22

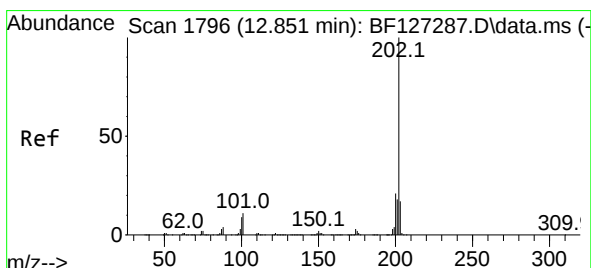
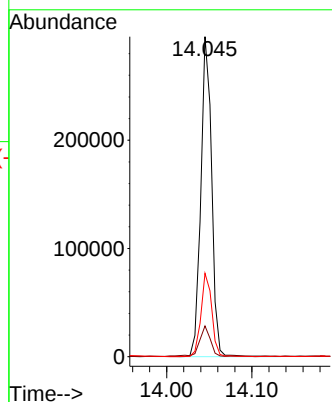
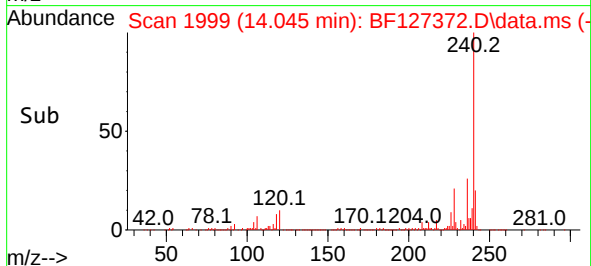
Instrument :
BNA_F
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TP1(0-10)



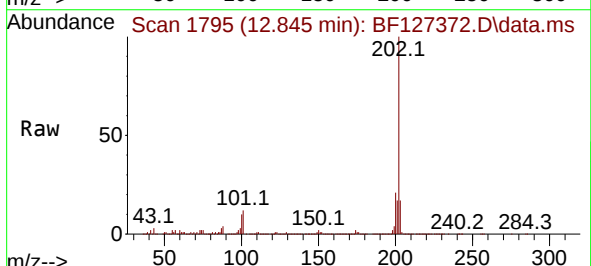
Tgt Ion:240 Resp: 260669
Ion Ratio Lower Upper
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120 9.6 14.4 21.6
236 26.0 20.5 30.7

Manual Integrations
APPROVED

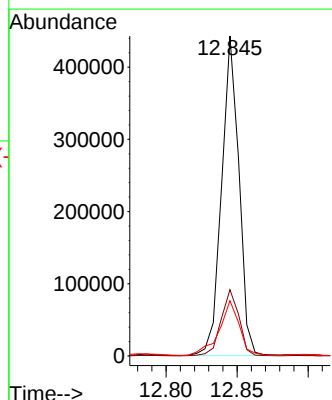
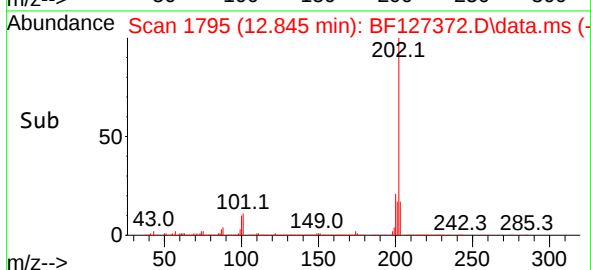
Reviewed By :Christian Giraldo 03/18/2022
Supervised By :Jagrut Upadhyay 03/18/2022

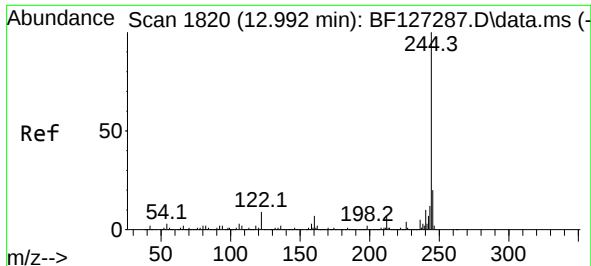


#78
Pyrene
Concen: 18.507 ng
RT: 12.845 min Scan# 1795
Delta R.T. -0.006 min
Lab File: BF127372.D
Acq: 17 Mar 2022 13:22



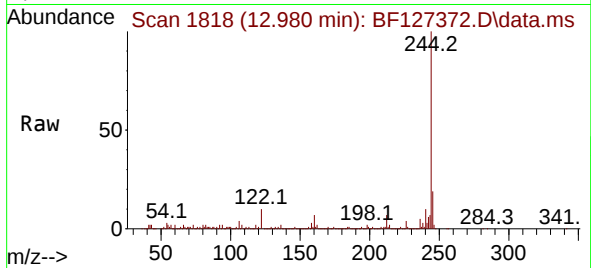
Tgt Ion:202 Resp: 375757
Ion Ratio Lower Upper
202 100
200 20.7 16.6 24.8
203 17.3 13.8 20.8





#79
Terphenyl-d14
Concen: 20.710 ng
RT: 12.980 min Scan# 1818
Delta R.T. -0.012 min
Lab File: BF127372.D
Acq: 17 Mar 2022 13:22

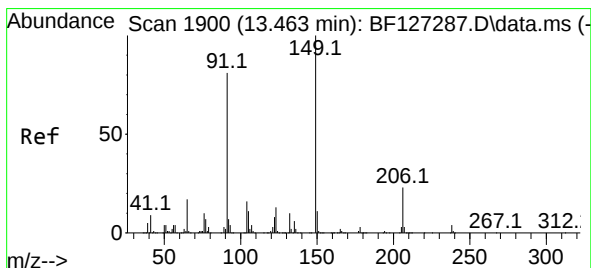
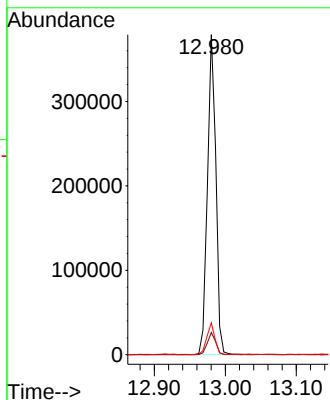
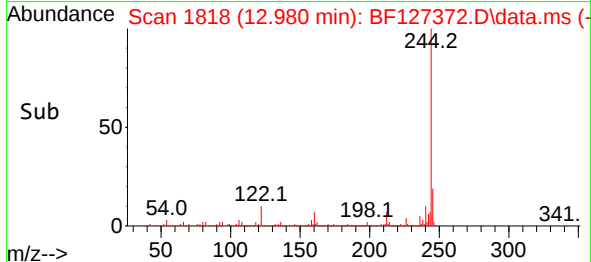
Instrument :
BNA_F
ClientSampleId :
TP1(0-10)



Tgt Ion:244 Resp: 31351
Ion Ratio Lower Upper
244 100
212 6.9 5.0 7.4
122 10.0 13.3 19.9

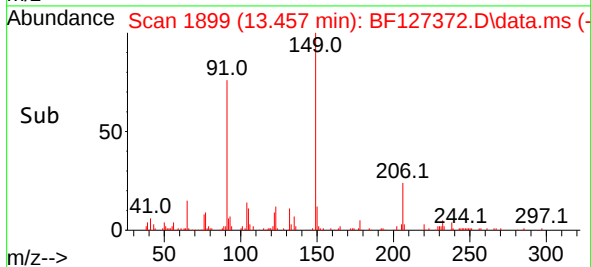
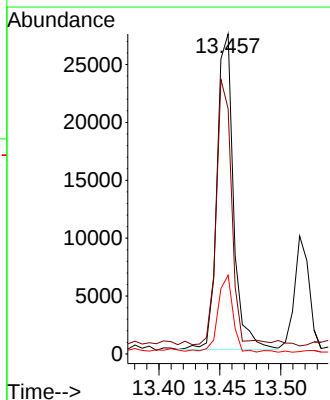
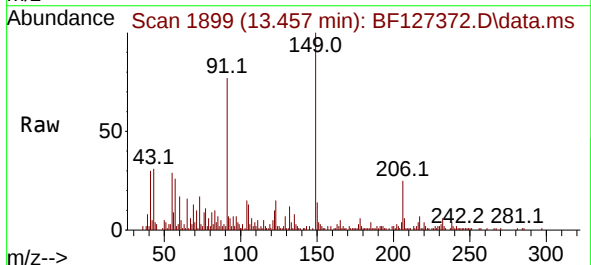
Manual Integrations
APPROVED

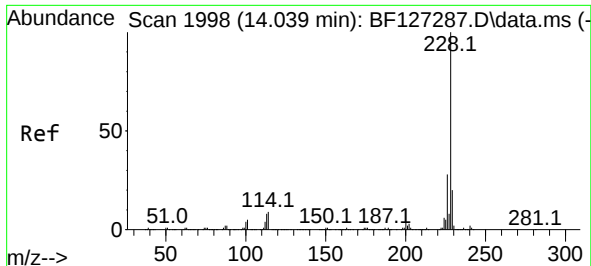
Reviewed By :Christian Giraldo 03/18/2022
Supervised By :Jagrut Upadhyay 03/18/2022



#80
Butylbenzylphthalate
Concen: 3.299 ng
RT: 13.457 min Scan# 1899
Delta R.T. -0.006 min
Lab File: BF127372.D
Acq: 17 Mar 2022 13:22

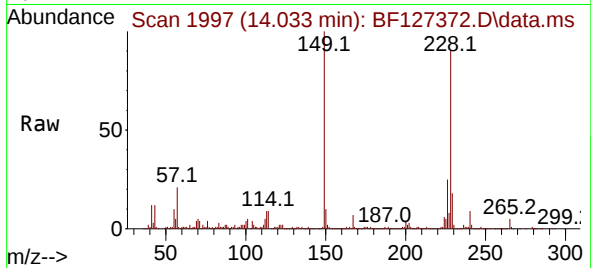
Tgt Ion:149 Resp: 25780
Ion Ratio Lower Upper
149 100
91 76.6 70.5 105.7
206 24.6 12.6 19.0





#81
Benzo(a)anthracene
Concen: 11.427 ng
RT: 14.033 min Scan# 1998
Delta R.T. -0.006 min
Lab File: BF127372.D
Acq: 17 Mar 2022 13:22

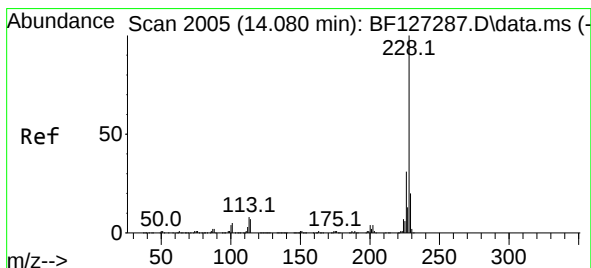
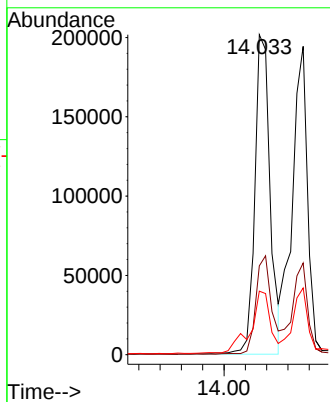
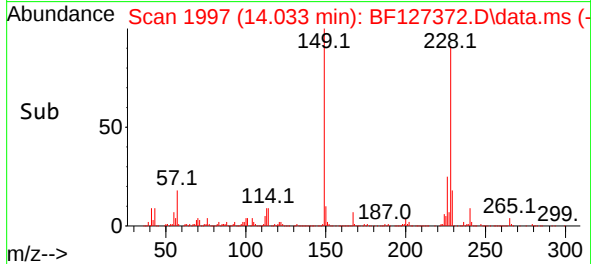
Instrument :
BNA_F
ClientSampleId :
TP1(0-10)



Tgt Ion:228 Resp: 200569
Ion Ratio Lower Upper
228 100
226 27.8 21.4 32.0
229 19.8 15.4 23.2

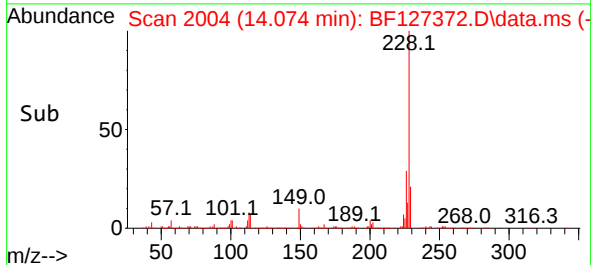
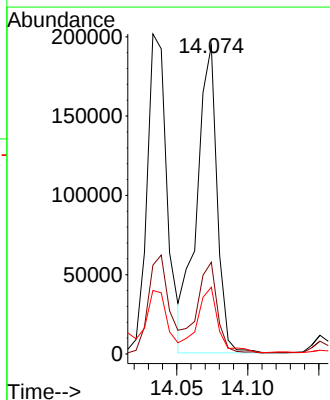
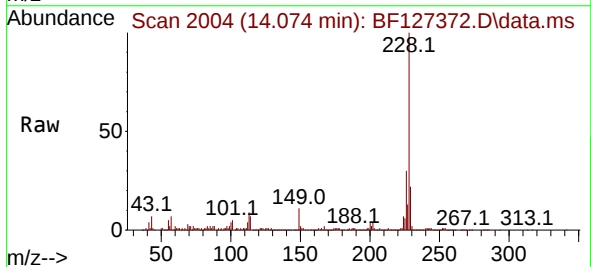
Manual Integrations
APPROVED

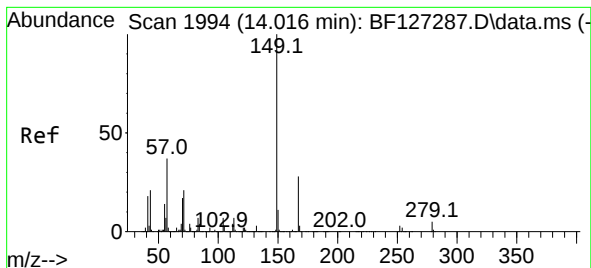
Reviewed By :Christian Giraldo 03/18/2022
Supervised By :Jagrut Upadhyay 03/18/2022



#83
Chrysene
Concen: 11.897 ng
RT: 14.074 min Scan# 2004
Delta R.T. -0.006 min
Lab File: BF127372.D
Acq: 17 Mar 2022 13:22

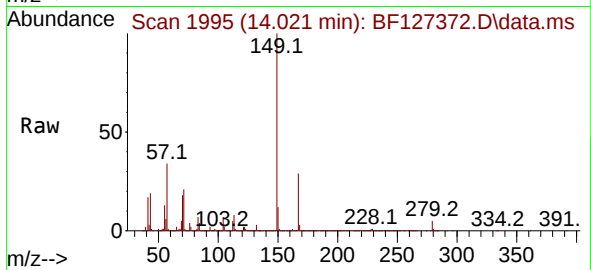
Tgt Ion:228 Resp: 194214
Ion Ratio Lower Upper
228 100
226 29.7 23.7 35.5
229 21.6 15.5 23.3





#84
Bis(2-ethylhexyl)phthalate
Concen: 193.716 ng
RT: 14.021 min Scan# 1994
Delta R.T. 0.006 min
Lab File: BF127372.D
Acq: 17 Mar 2022 13:22

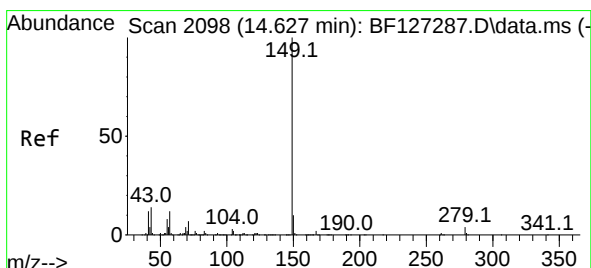
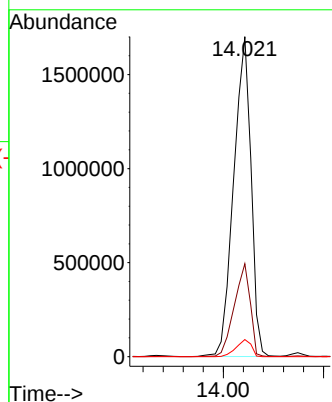
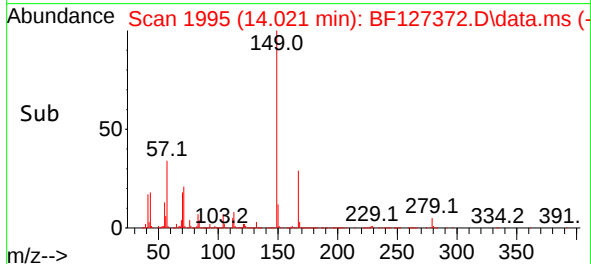
Instrument :
BNA_F
ClientSampleId :
TP1(0-10)



Tgt Ion:149 Resp: 2037634
Ion Ratio Lower Upper
149 100
167 29.0 21.4 32.2
279 5.3 2.4 3.6

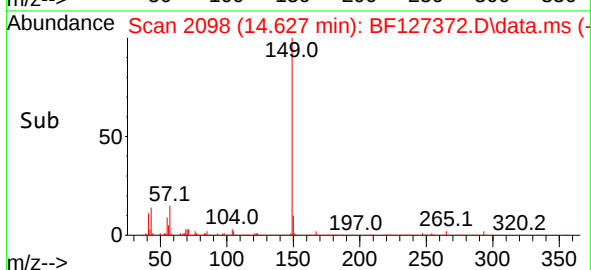
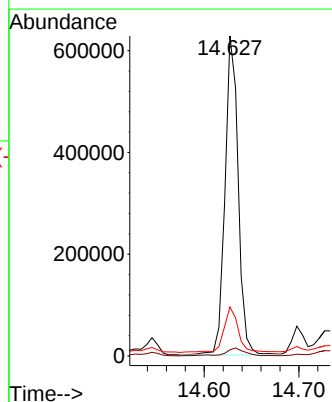
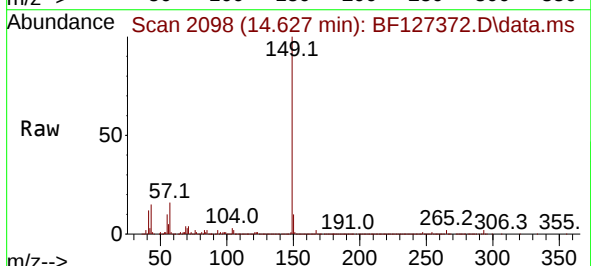
Manual Integrations
APPROVED

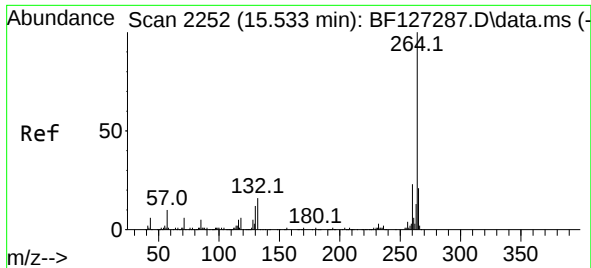
Reviewed By :Christian Giraldo 03/18/2022
Supervised By :Jagrut Upadhyay 03/18/2022



#85
Di-n-octyl phthalate
Concen: 38.382 ng
RT: 14.627 min Scan# 2098
Delta R.T. -0.000 min
Lab File: BF127372.D
Acq: 17 Mar 2022 13:22

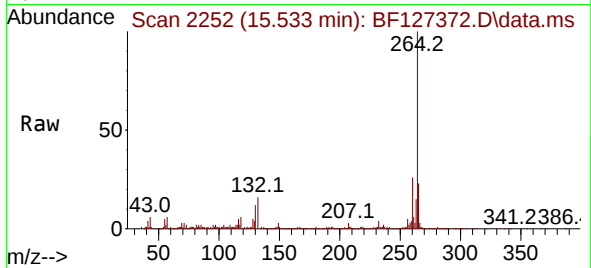
Tgt Ion:149 Resp: 611068
Ion Ratio Lower Upper
149 100
167 3.3 1.1 1.7#
43 15.5 9.9 14.9#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.533 min Scan# 21
Delta R.T. -0.000 min
Lab File: BF127372.D
Acq: 17 Mar 2022 13:22

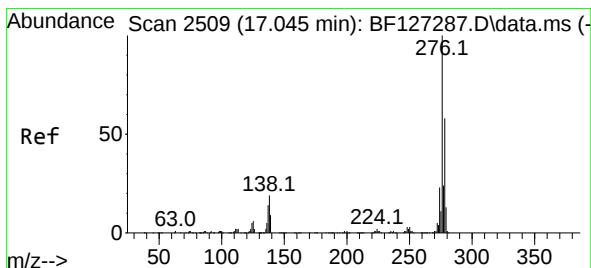
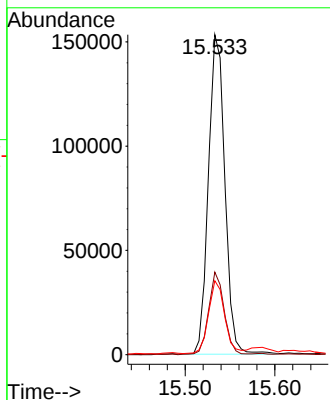
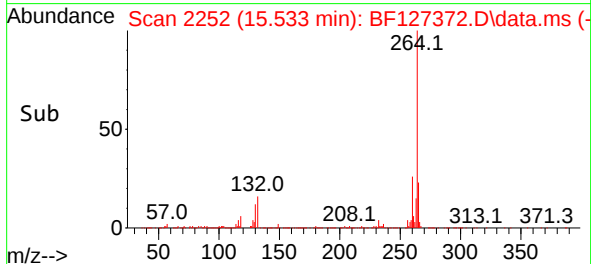
Instrument :
BNA_F
ClientSampleId :
TP1(0-10)



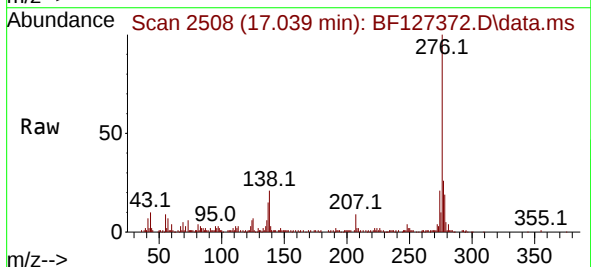
Tgt Ion:264 Resp: 195528
Ion Ratio Lower Upper
264 100
260 25.8 19.2 28.8
265 23.1 17.4 26.2

Manual Integrations
APPROVED

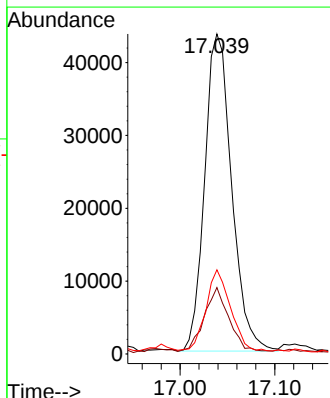
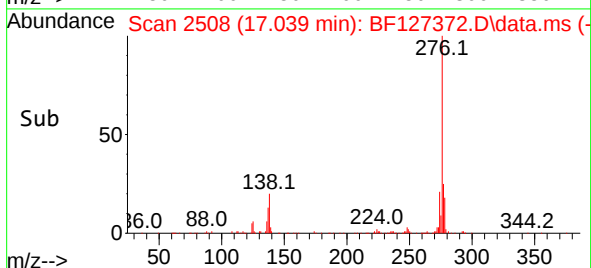
Reviewed By :Christian Giraldo 03/18/2022
Supervised By :Jagrut Upadhyay 03/18/2022

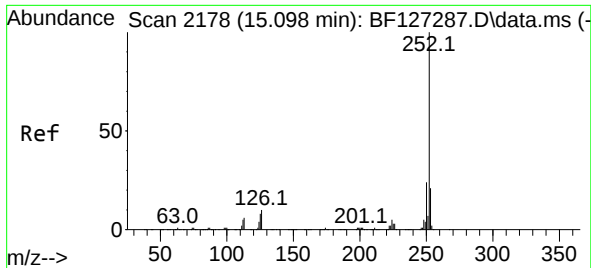


#87
Indeno(1,2,3-cd)pyrene
Concen: 7.325 ng
RT: 17.039 min Scan# 2508
Delta R.T. -0.006 min
Lab File: BF127372.D
Acq: 17 Mar 2022 13:22



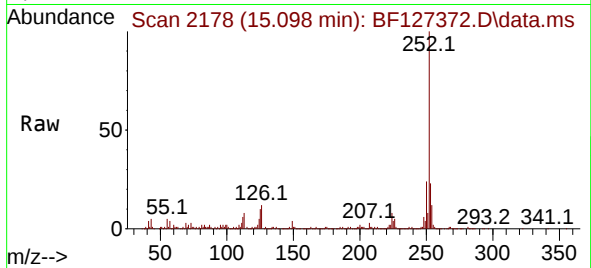
Tgt Ion:276 Resp: 86284
Ion Ratio Lower Upper
276 100
138 19.0 29.2 43.8#
277 23.2 19.8 29.8





#88
Benzo(b)fluoranthene
Concen: 17.555 ng m
RT: 15.098 min Scan# 2178
Delta R.T. -0.000 min
Lab File: BF127372.D
Acq: 17 Mar 2022 13:22

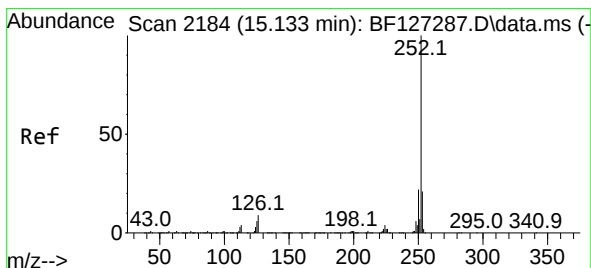
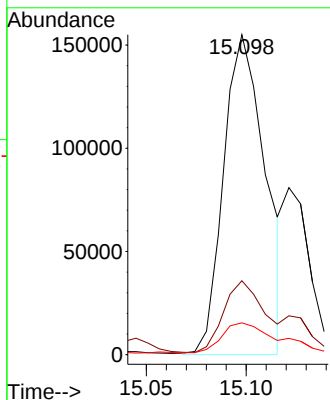
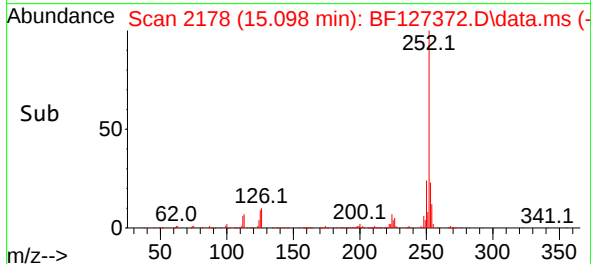
Instrument :
BNA_F
ClientSampleId :
TP1(0-10)



Tgt Ion:252 Resp: 22531
Ion Ratio Lower Upper
252 100
253 23.1 17.8 26.8
125 10.0 12.4 18.6

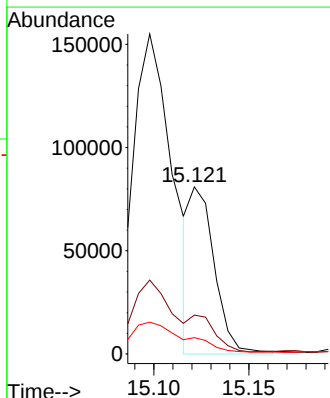
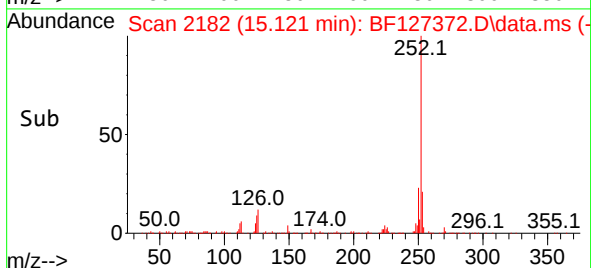
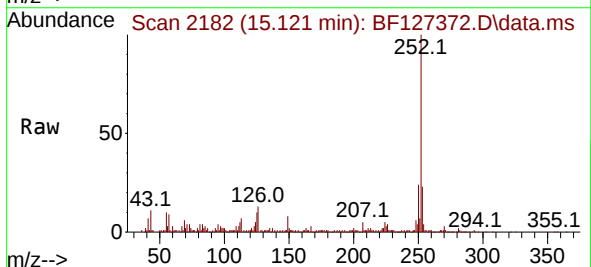
Manual Integrations
APPROVED

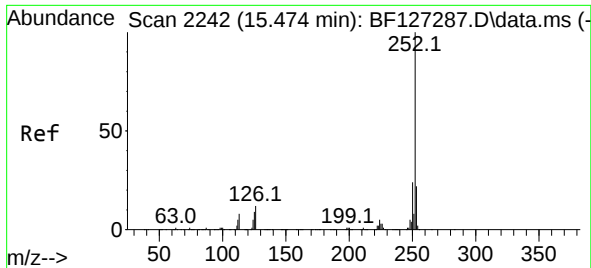
Reviewed By :Christian Giraldo 03/18/2022
Supervised By :Jagrut Upadhyay 03/18/2022



#89
Benzo(k)fluoranthene
Concen: 6.080 ng m
RT: 15.121 min Scan# 2182
Delta R.T. -0.012 min
Lab File: BF127372.D
Acq: 17 Mar 2022 13:22

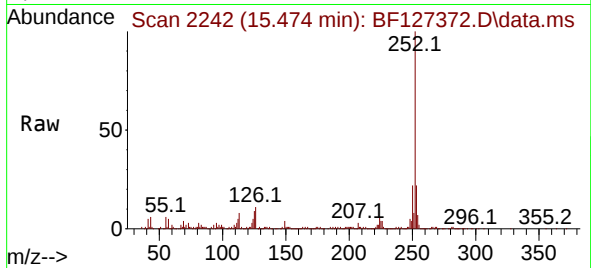
Tgt Ion:252 Resp: 73366
Ion Ratio Lower Upper
252 100
253 23.3 17.5 26.3
125 9.8 11.8 17.6





#90
Benzo(a)pyrene
Concen: 14.432 ng m
RT: 15.474 min Scan# 2109
Delta R.T. -0.000 min
Lab File: BF127372.D
Acq: 17 Mar 2022 13:22

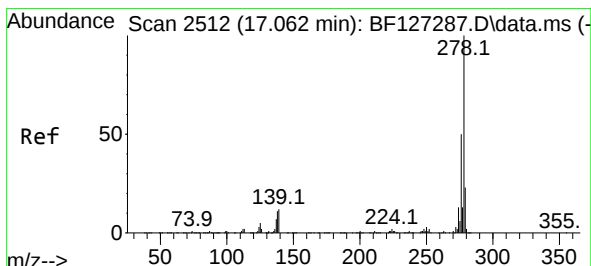
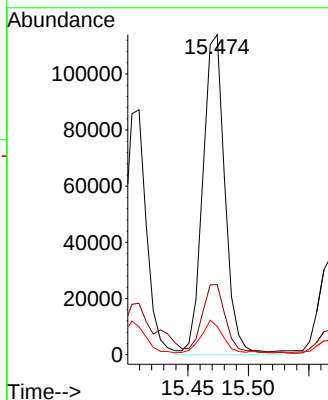
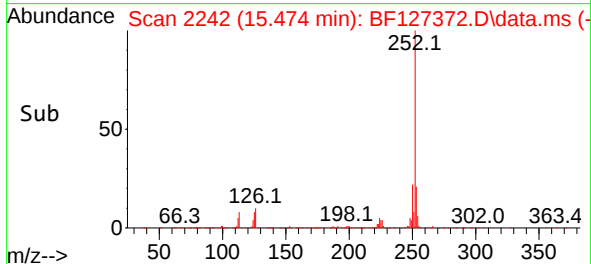
Instrument :
BNA_F
ClientSampleId :
TP1(0-10)



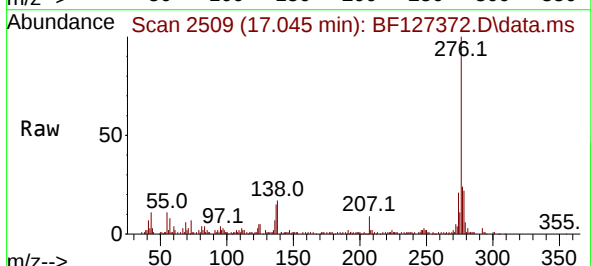
Tgt Ion:252 Resp: 145859
Ion Ratio Lower Upper
252 100
253 21.9 17.1 25.7
125 8.9 13.0 19.6

Manual Integrations
APPROVED

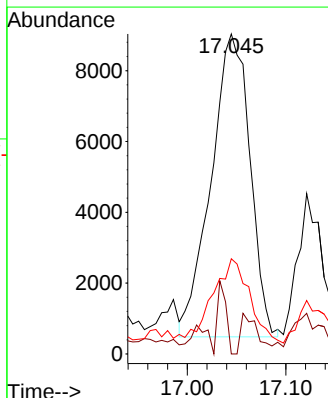
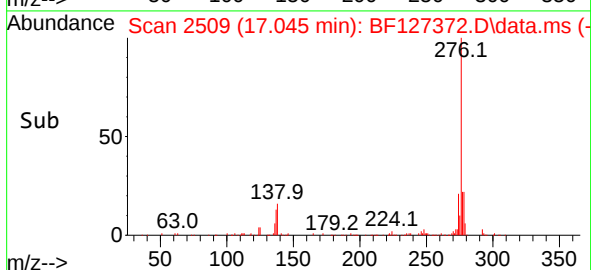
Reviewed By :Christian Giraldo 03/18/2022
Supervised By :Jagrut Upadhyay 03/18/2022

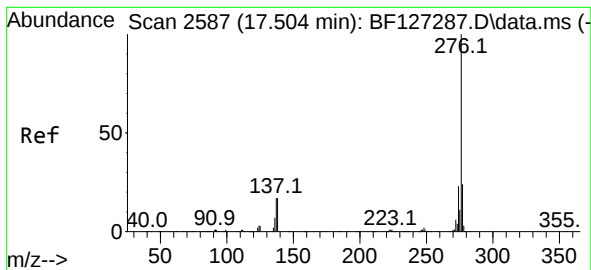


#91
Dibenzo(a,h)anthracene
Concen: 2.392 ng m
RT: 17.045 min Scan# 2509
Delta R.T. -0.018 min
Lab File: BF127372.D
Acq: 17 Mar 2022 13:22



Tgt Ion:278 Resp: 23447
Ion Ratio Lower Upper
278 100
139 0.0 18.0 27.0#
279 29.7 18.6 27.8#





#92

Benzo(g,h,i)perylene

Concen: 8.968 ng

RT: 17.498 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF127372.D

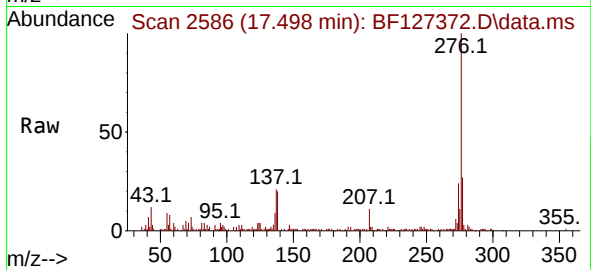
Acq: 17 Mar 2022 13:22

Instrument :

BNA_F

ClientSampleId :

TP1(0-10)



Tgt Ion:276 Resp: 8576

Ion Ratio Lower Upper

276 100

277 26.9 18.5 27.7

138 19.7 25.9 38.9

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 03/18/2022

Supervised By :Jagrut Upadhyay 03/18/2022

