

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031722\
 Data File : BF127386.D
 Acq On : 17 Mar 2022 20:10
 Operator : CG\JU
 Sample : N1956-02
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TPK-2

Manual Integrations
 APPROVED

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

Quant Time: Mar 18 04:40:42 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	6.869	152	88204	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	282666	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	132557	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	217666	20.000	ng	# 0.00
76) Chrysene-d12	14.045	240	140491	20.000	ng	# 0.00
86) Perylene-d12	15.539	264	98959	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	278220	50.707	ng	0.00
7) Phenol-d6	6.498	99	483202	64.018	ng	0.00
23) Nitrobenzene-d5	7.433	82	327028	47.780	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	22034	15.441	ng	-0.01
45) 2-Fluorobiphenyl	9.221	172	469769	50.103	ng	-0.01
79) Terphenyl-d14	12.986	244	485333	59.486	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	11.421	178	107898	9.390	ng	98
72) Anthracene	11.474	178	23782	2.090	ng	97
75) Fluoranthene	12.615	202	103696	8.071	ng	93
78) Pyrene	12.845	202	102280	9.347	ng	99
81) Benzo(a)anthracene	14.039	228	32590	3.445	ng	# 93
83) Chrysene	14.074	228	34268	3.895	ng	# 96
88) Benzo(b)fluoranthene	15.098	252	25875m	3.983	ng	
90) Benzo(a)pyrene	15.474	252	17488	3.419	ng	92
92) Benzo(g,h,i)perylene	17.509	276	10911	2.254	ng	# 83

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

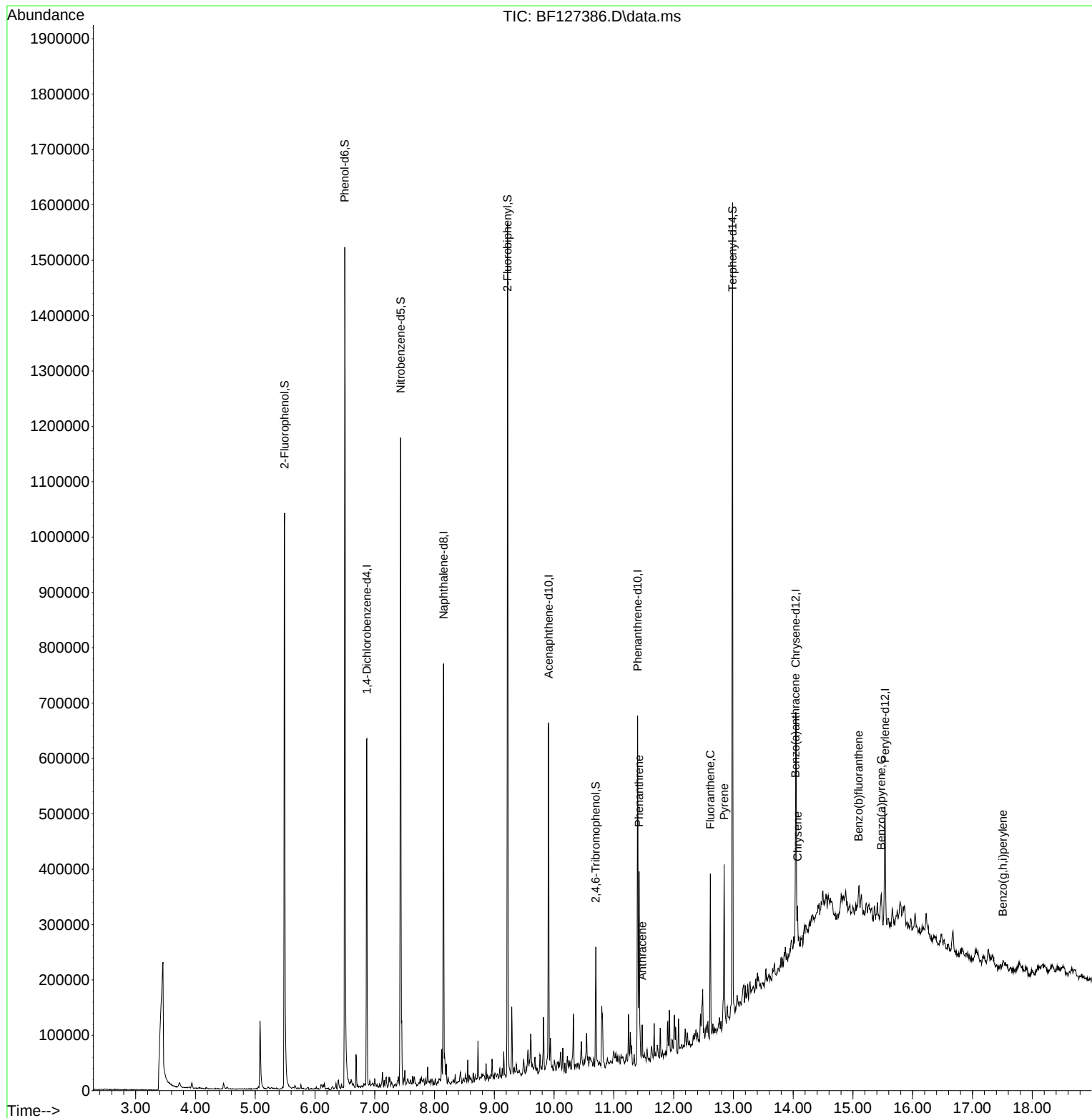
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031722\
Data File : BF127386.D
Acq On : 17 Mar 2022 20:10
Operator : CG\JU
Sample : N1956-02
Misc :
ALS Vial : 21 Sample Multiplier: 1

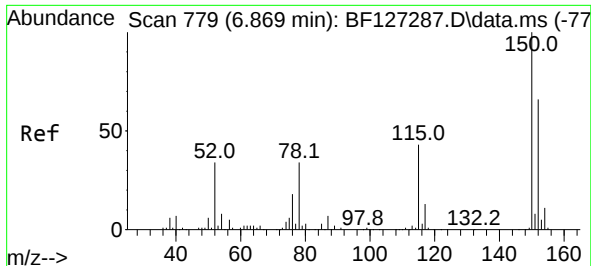
Instrument :
BNA_F
ClientSampleId :
TPK-2

Quant Time: Mar 18 04:40:42 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
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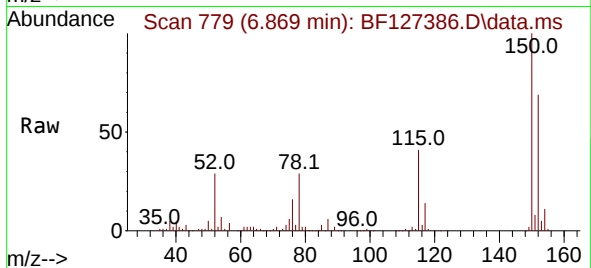
Reviewed By : Christian Giraldo 03/18/2022
Supervised By : Jagrut Upadhyay 03/18/2022





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF127386.D
Acq: 17 Mar 2022 20:10

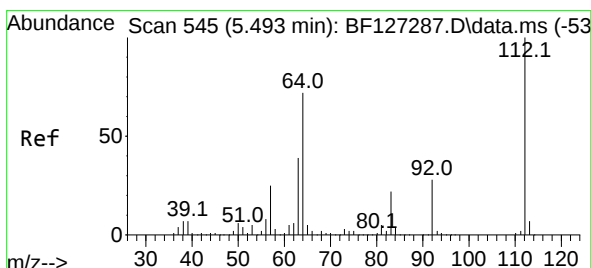
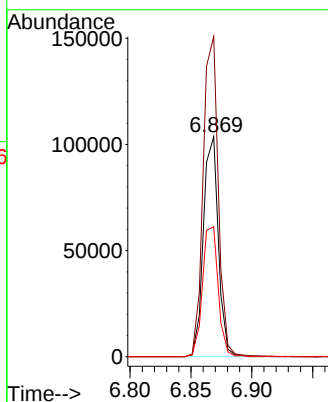
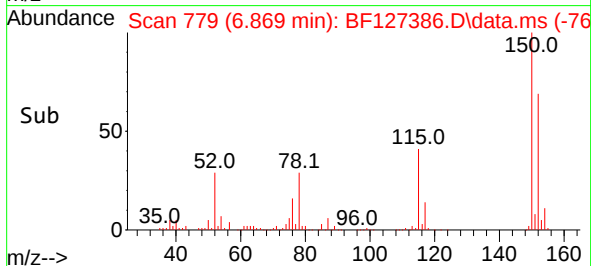
Instrument :
BNA_F
ClientSampleId :
TPK-2



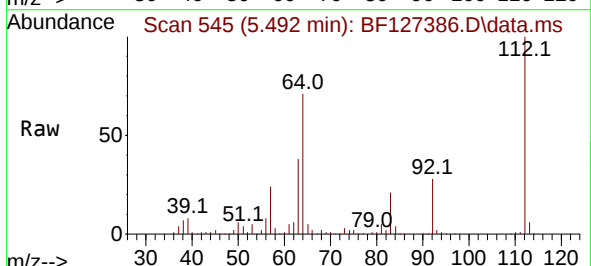
Tgt Ion:152 Resp: 88204
Ion Ratio Lower Upper
152 100
150 145.5 128.1 192.1
115 59.0 56.7 85.1

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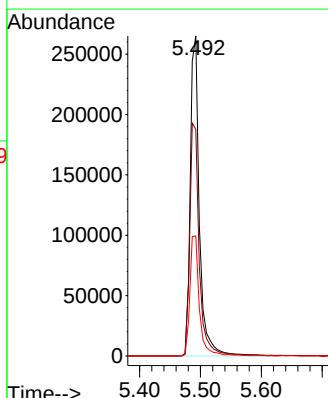
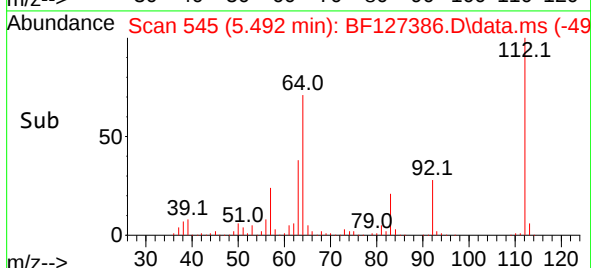
Reviewed By :Christian Giraldo 03/18/2022
Supervised By :Jagrut Upadhyay 03/18/2022

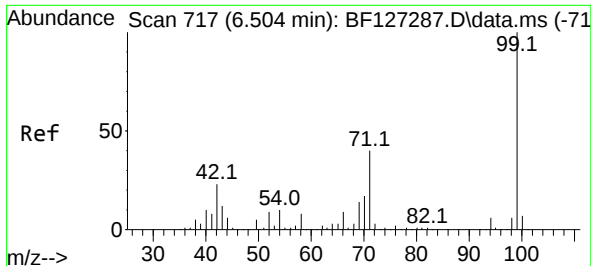


#5
2-Fluorophenol
Concen: 50.707 ng
RT: 5.492 min Scan# 545
Delta R.T. -0.000 min
Lab File: BF127386.D
Acq: 17 Mar 2022 20:10



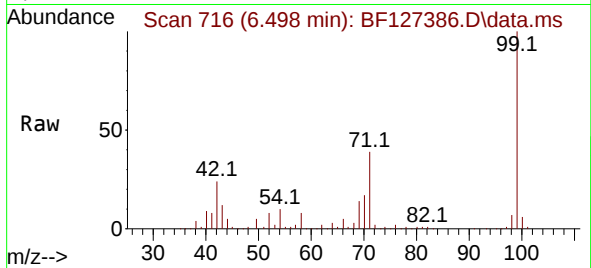
Tgt Ion:112 Resp: 278220
Ion Ratio Lower Upper
112 100
64 70.8 49.5 74.3
63 37.5 23.9 35.9#





#7
Phenol-d6
Concen: 64.018 ng
RT: 6.498 min Scan# 716
Delta R.T. -0.006 min
Lab File: BF127386.D
Acq: 17 Mar 2022 20:10

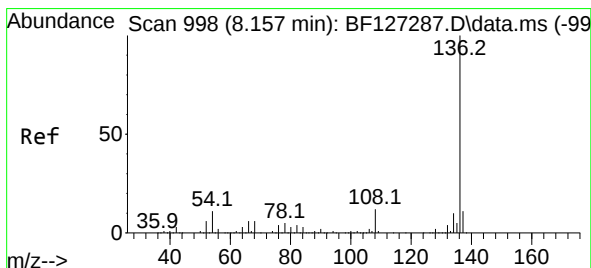
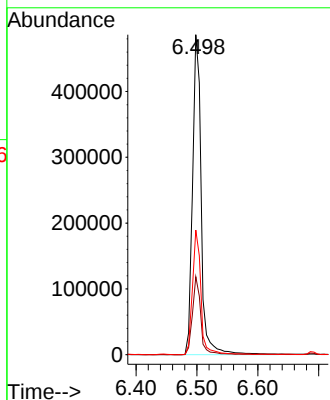
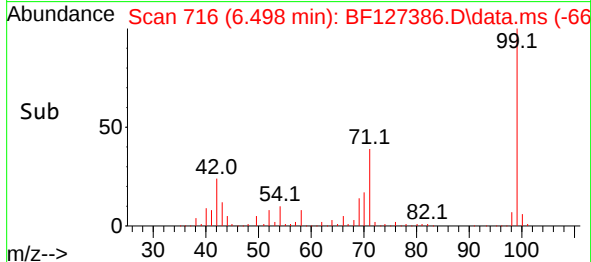
Instrument :
BNA_F
ClientSampleId :
TPK-2



Tgt Ion: 99 Resp: 48320
Ion Ratio Lower Upper
99 100
42 24.4 14.2 21.4
71 39.0 24.3 36.5

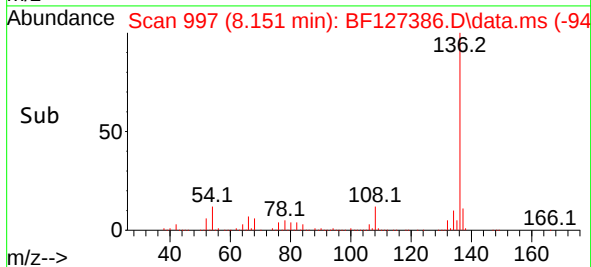
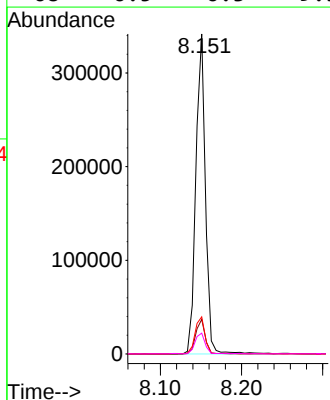
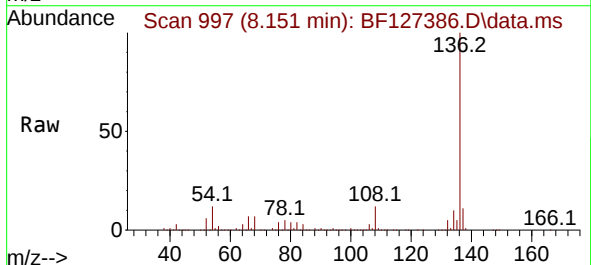
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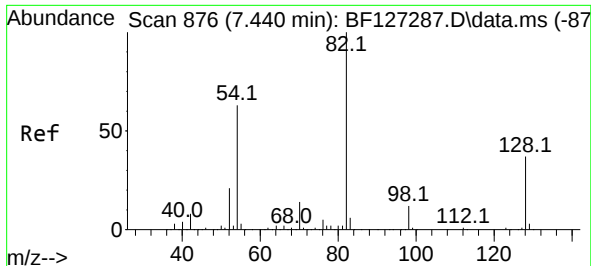
Reviewed By :Christian Giraldo 03/18/2022
Supervised By :Jagrut Upadhyay 03/18/2022



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 997
Delta R.T. -0.006 min
Lab File: BF127386.D
Acq: 17 Mar 2022 20:10

Tgt Ion:136 Resp: 282666
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 11.6 7.8 11.6
68 6.5 6.3 9.5





#23

Nitrobenzene-d5

Concen: 47.780 ng

RT: 7.433 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF127386.D

Acq: 17 Mar 2022 20:10

Instrument :

BNA_F

ClientSampleId :

TPK-2

Tgt Ion: 82 Resp: 327028

Ion Ratio Lower Upper

82 100

128 38.6 32.7 49.1

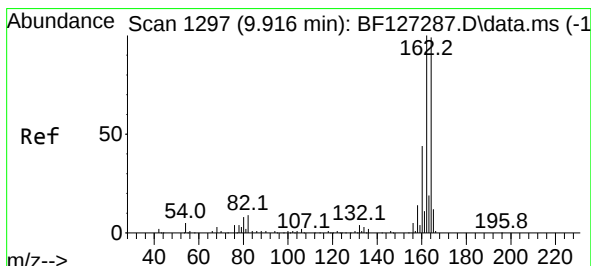
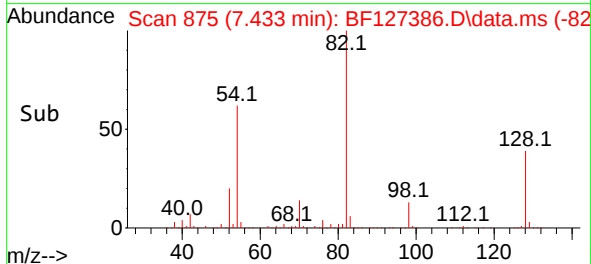
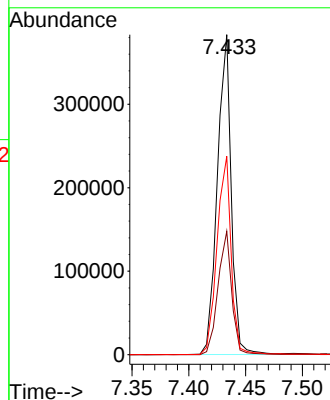
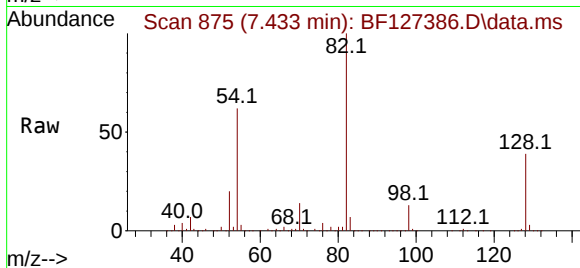
54 62.0 41.7 62.5

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#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.910 min Scan# 1296

Delta R.T. -0.006 min

Lab File: BF127386.D

Acq: 17 Mar 2022 20:10

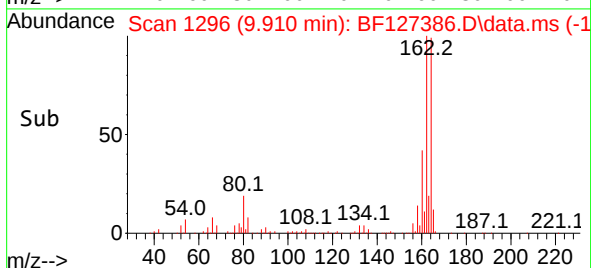
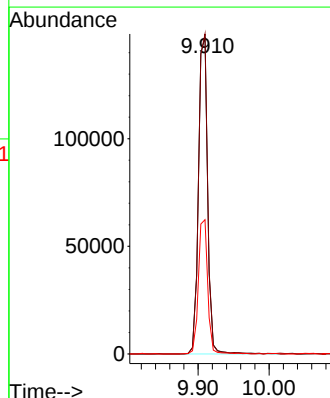
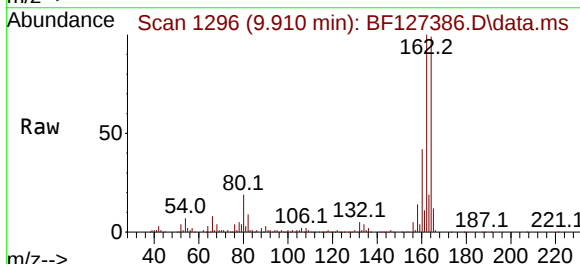
Tgt Ion:164 Resp: 132557

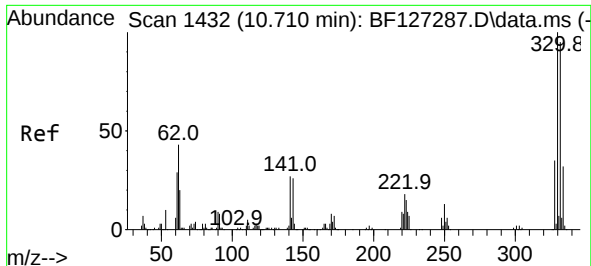
Ion Ratio Lower Upper

164 100

162 101.0 81.4 122.0

160 42.4 36.6 54.8





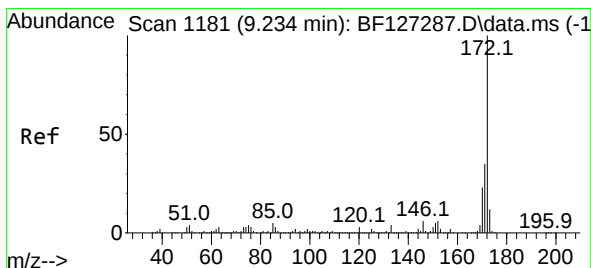
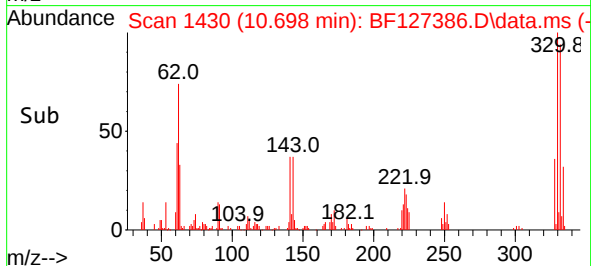
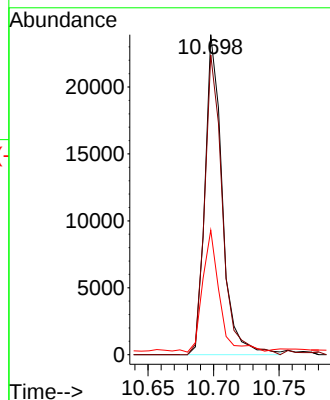
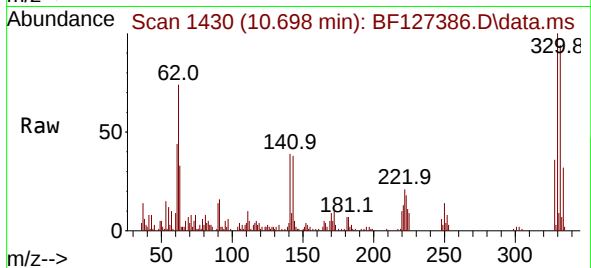
#42
2,4,6-Tribromophenol
Concen: 15.441 ng
RT: 10.698 min Scan# 1432
Delta R.T. -0.012 min
Lab File: BF127386.D
Acq: 17 Mar 2022 20:10

Instrument :
BNA_F
ClientSampleId :
TPK-2

Tgt Ion: 330 Resp: 22034
Ion Ratio Lower Upper
330 100
332 95.7 76.0 114.0
141 35.9 30.1 45.1

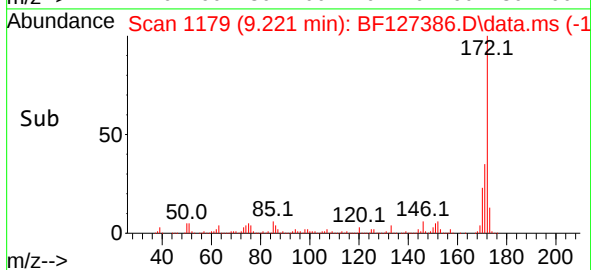
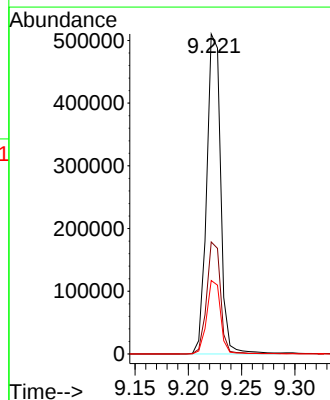
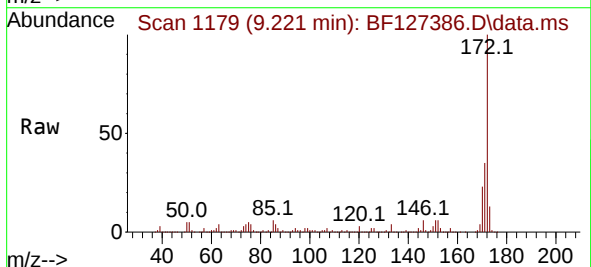
Manual Integrations
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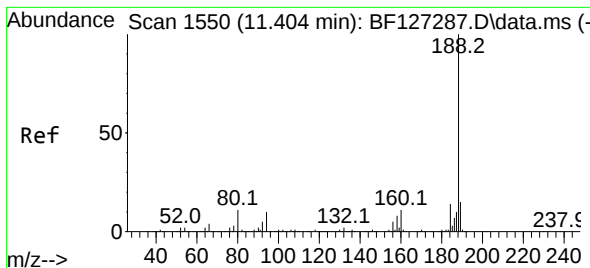
Reviewed By : Christian Giraldo 03/18/2022
Supervised By : Jagrut Upadhyay 03/18/2022



#45
2-Fluorobiphenyl
Concen: 50.103 ng
RT: 9.221 min Scan# 1179
Delta R.T. -0.012 min
Lab File: BF127386.D
Acq: 17 Mar 2022 20:10

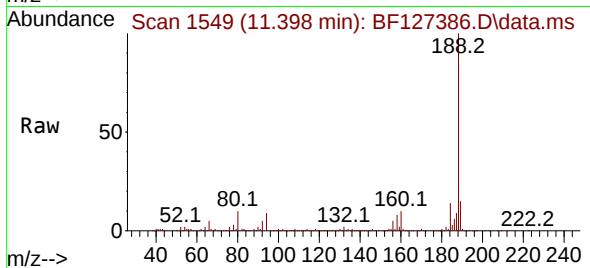
Tgt Ion: 172 Resp: 469769
Ion Ratio Lower Upper
172 100
171 35.0 28.3 42.5
170 23.0 19.0 28.6





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 1549
Delta R.T. -0.006 min
Lab File: BF127386.D
Acq: 17 Mar 2022 20:10

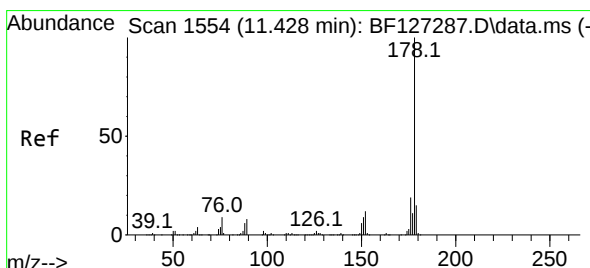
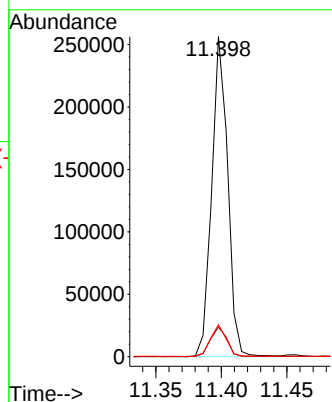
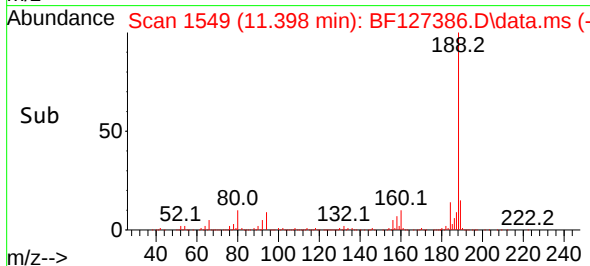
Instrument :
BNA_F
ClientSampleId :
TPK-2



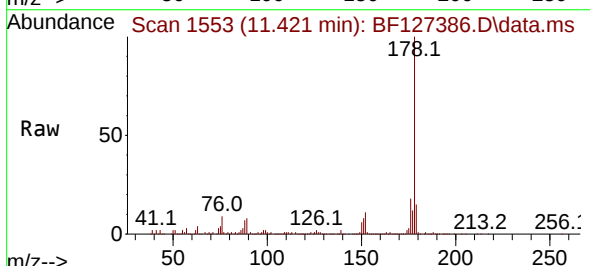
Tgt Ion:188 Resp: 217660
Ion Ratio Lower Upper
188 100
94 9.2 10.1 15.1
80 10.0 11.8 17.6

Manual Integrations
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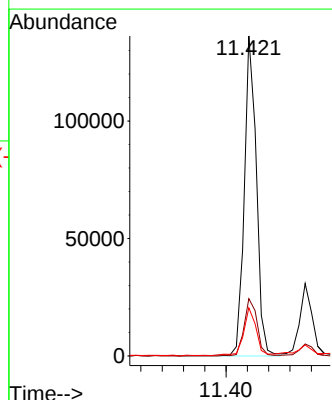
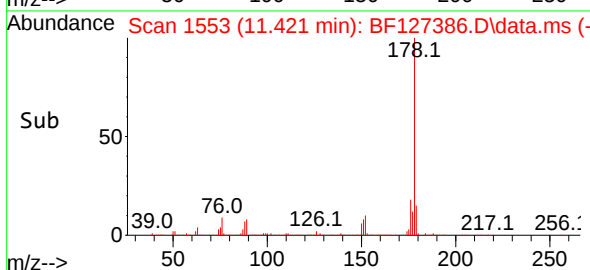
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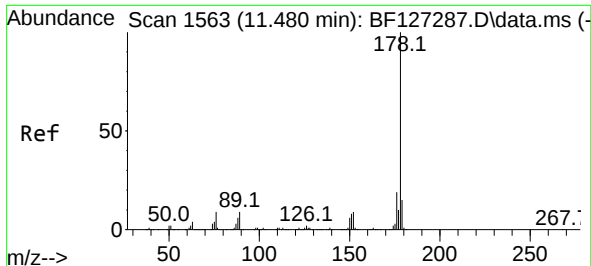


#71
Phenanthrene
Concen: 9.390 ng
RT: 11.421 min Scan# 1553
Delta R.T. -0.006 min
Lab File: BF127386.D
Acq: 17 Mar 2022 20:10



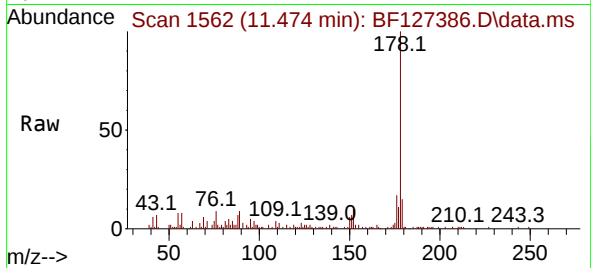
Tgt Ion:178 Resp: 107898
Ion Ratio Lower Upper
178 100
176 17.9 15.7 23.5
179 15.1 12.3 18.5





#72
 Anthracene
 Concen: 2.090 ng
 RT: 11.474 min Scan# 1562
 Delta R.T. -0.006 min
 Lab File: BF127386.D
 Acq: 17 Mar 2022 20:10

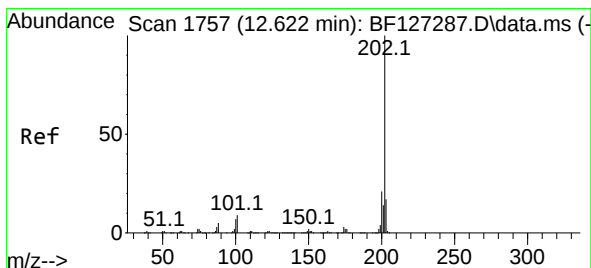
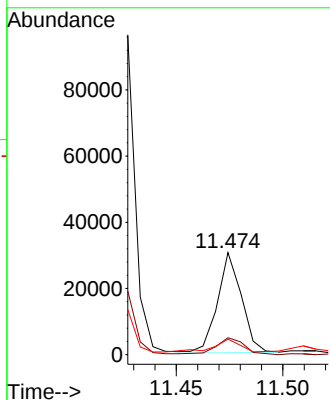
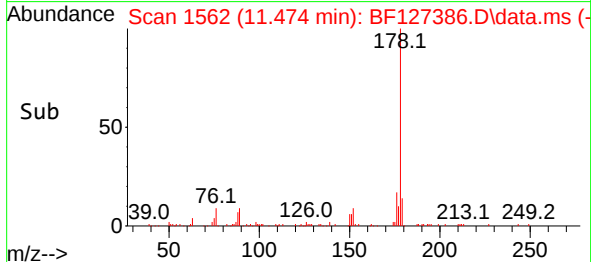
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 TPK-2



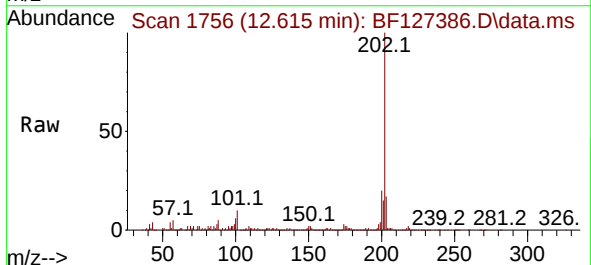
Tgt Ion:178 Resp: 2378
 Ion Ratio Lower Upper
 178 100
 176 16.6 15.0 22.6
 179 15.2 12.5 18.7

Manual Integrations
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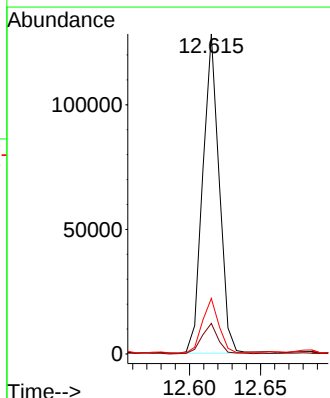
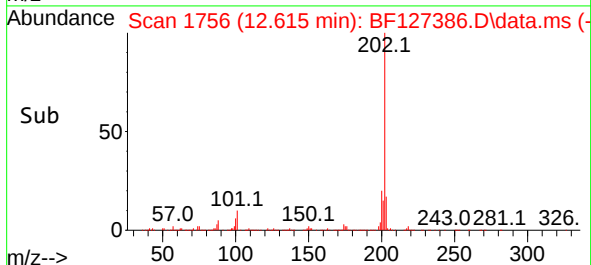
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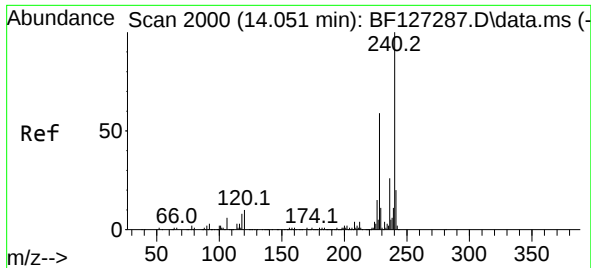


#75
 Fluoranthene
 Concen: 8.071 ng
 RT: 12.615 min Scan# 1756
 Delta R.T. -0.006 min
 Lab File: BF127386.D
 Acq: 17 Mar 2022 20:10



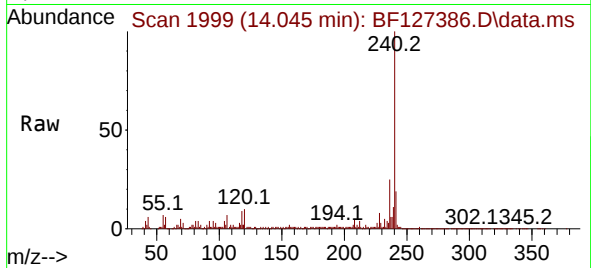
Tgt Ion:202 Resp: 103696
 Ion Ratio Lower Upper
 202 100
 101 9.5 0.0 35.7
 203 17.3 0.0 37.1





#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 1999
Delta R.T. -0.006 min
Lab File: BF127386.D
Acq: 17 Mar 2022 20:10

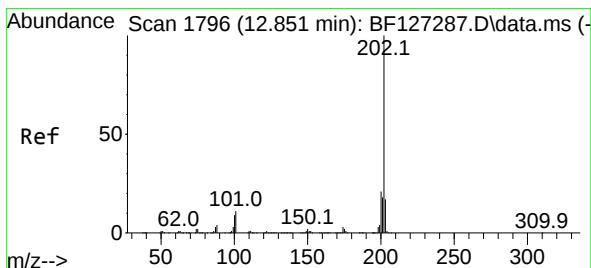
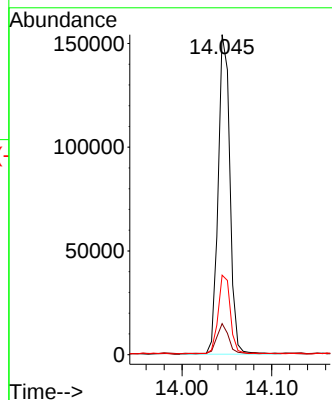
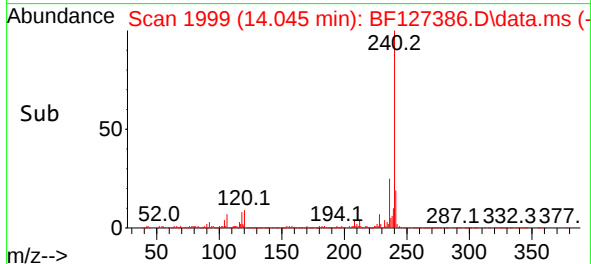
Instrument :
BNA_F
ClientSampleId :
TPK-2



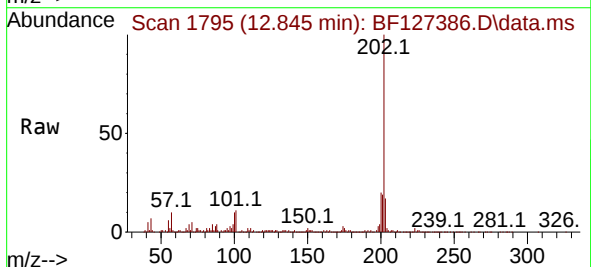
Tgt Ion:240 Resp: 14049
Ion Ratio Lower Upper
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120 9.7 14.4 21.6
236 24.8 20.5 30.7

Manual Integrations
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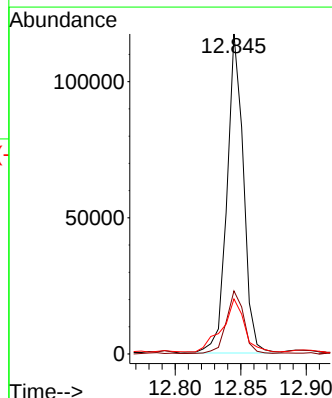
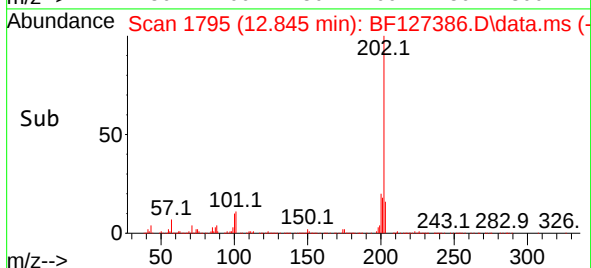
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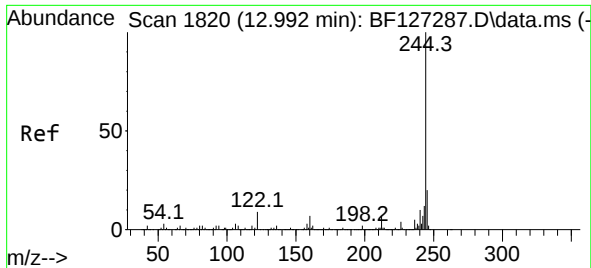


#78
Pyrene
Concen: 9.347 ng
RT: 12.845 min Scan# 1795
Delta R.T. -0.006 min
Lab File: BF127386.D
Acq: 17 Mar 2022 20:10



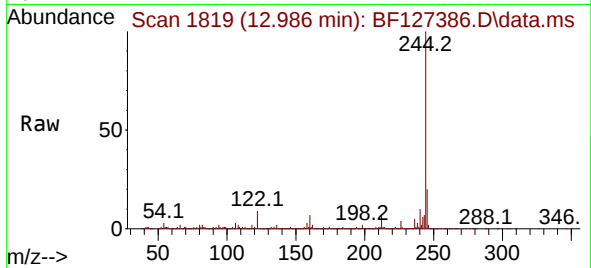
Tgt Ion:202 Resp: 102280
Ion Ratio Lower Upper
202 100
200 19.7 16.6 24.8
203 17.2 13.8 20.8





#79
Terphenyl-d14
Concen: 59.486 ng
RT: 12.986 min Scan# 1819
Delta R.T. -0.006 min
Lab File: BF127386.D
Acq: 17 Mar 2022 20:10

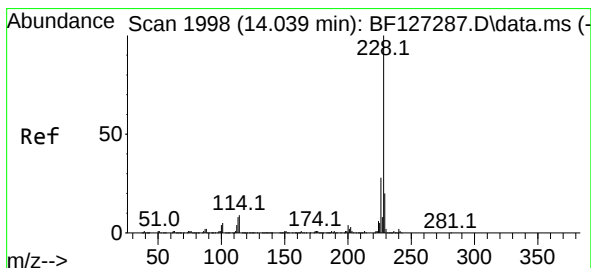
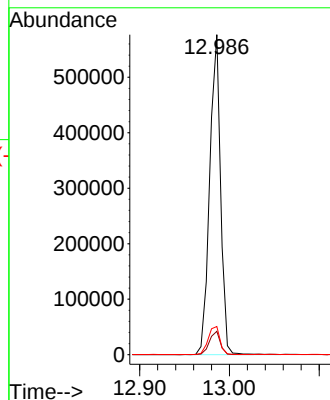
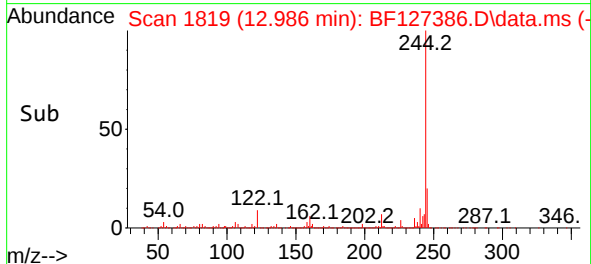
Instrument :
BNA_F
ClientSampleId :
TPK-2



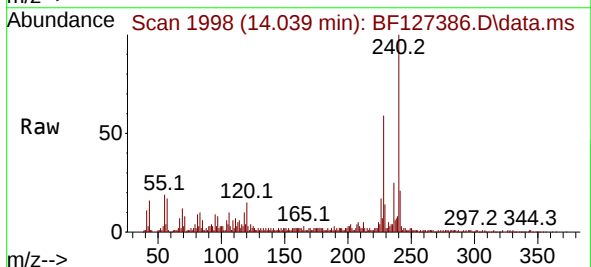
Tgt Ion:244 Resp: 48533
Ion Ratio Lower Upper
244 100
212 7.3 5.0 7.4
122 8.8 13.3 19.9

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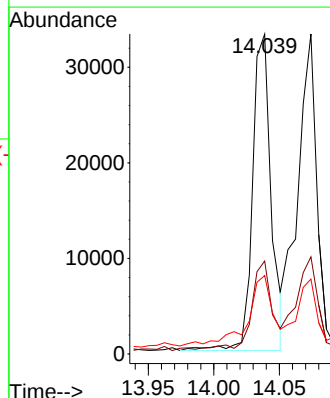
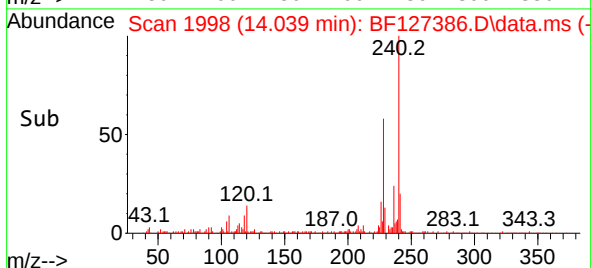
Reviewed By :Christian Giraldo 03/18/2022
Supervised By :Jagrut Upadhyay 03/18/2022

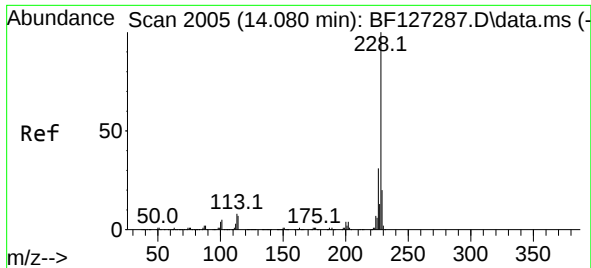


#81
Benzo(a)anthracene
Concen: 3.445 ng
RT: 14.039 min Scan# 1998
Delta R.T. -0.000 min
Lab File: BF127386.D
Acq: 17 Mar 2022 20:10



Tgt Ion:228 Resp: 32590
Ion Ratio Lower Upper
228 100
226 29.1 21.4 32.0
229 24.5 15.4 23.2





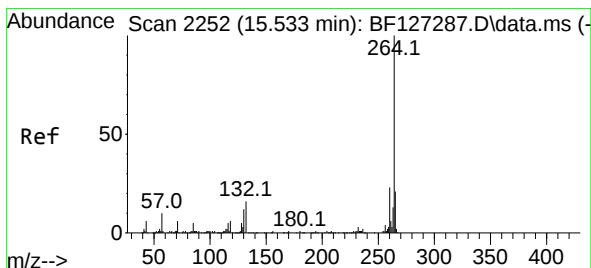
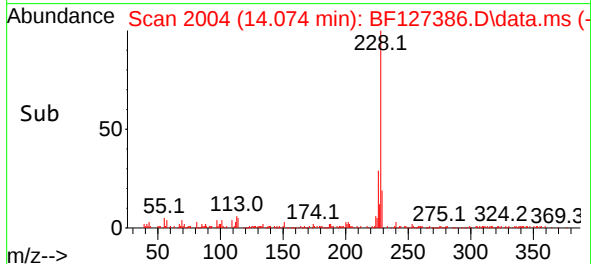
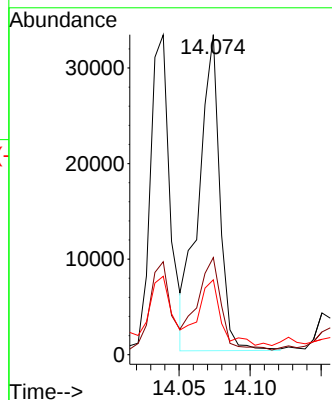
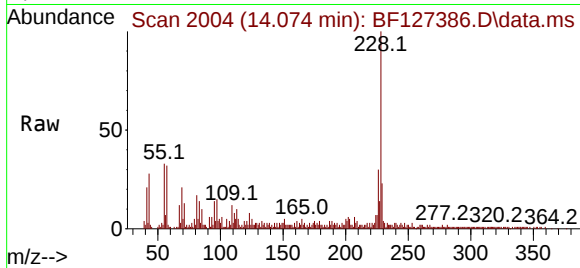
#83
Chrysene
Concen: 3.895 ng
RT: 14.074 min Scan# 2005
Delta R.T. -0.006 min
Lab File: BF127386.D
Acq: 17 Mar 2022 20:10

Instrument :
BNA_F
Client Sample Id :
TPK-2

Tgt Ion:228 Resp: 3426
Ion Ratio Lower Upper
228 100
226 30.4 23.7 35.5
229 23.4 15.5 23.3

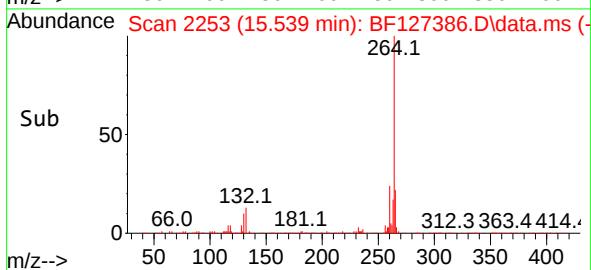
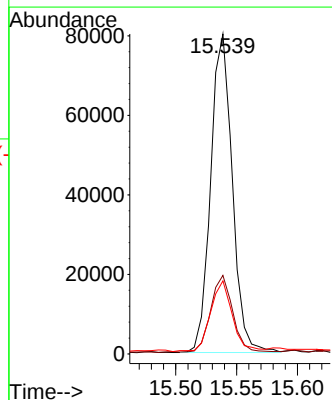
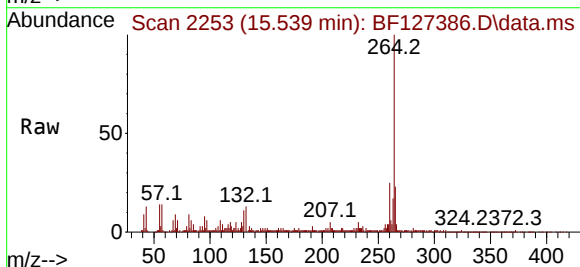
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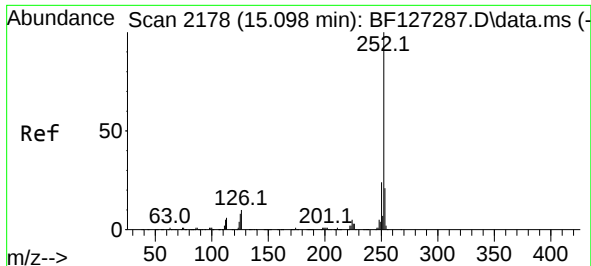
Reviewed By :Christian Giraldo 03/18/2022
Supervised By :Jagrut Upadhyay 03/18/2022



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.539 min Scan# 2253
Delta R.T. 0.006 min
Lab File: BF127386.D
Acq: 17 Mar 2022 20:10

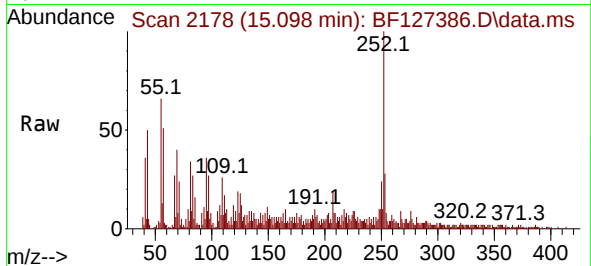
Tgt Ion:264 Resp: 98959
Ion Ratio Lower Upper
264 100
260 24.5 19.2 28.8
265 22.8 17.4 26.2





#88
Benzo(b)fluoranthene
Concen: 3.983 ng m
RT: 15.098 min Scan# 2178
Delta R.T. -0.000 min
Lab File: BF127386.D
Acq: 17 Mar 2022 20:10

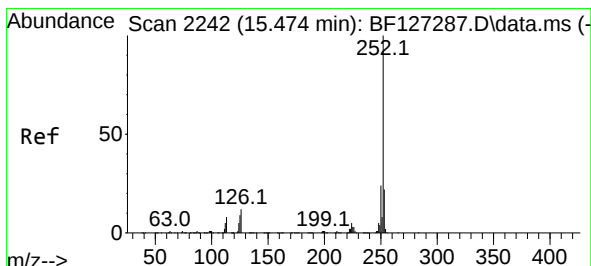
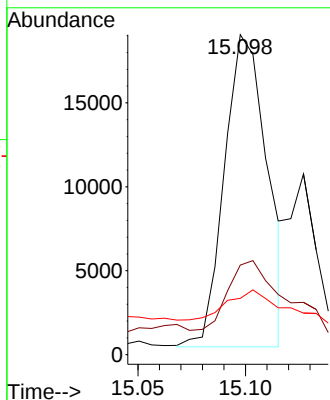
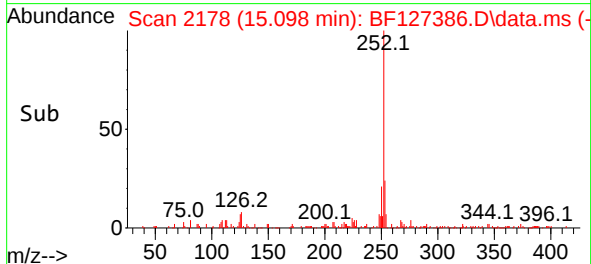
Instrument :
BNA_F
ClientSampleId :
TPK-2



Tgt Ion:252 Resp: 2587
Ion Ratio Lower Upper
252 100
253 28.0 17.8 26.8
125 17.6 12.4 18.6

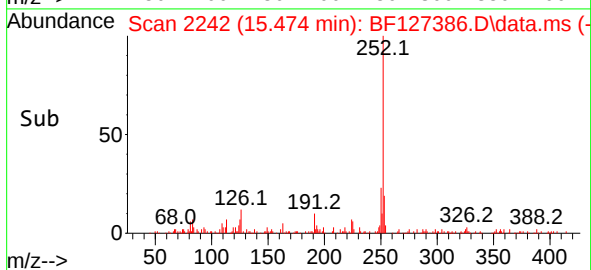
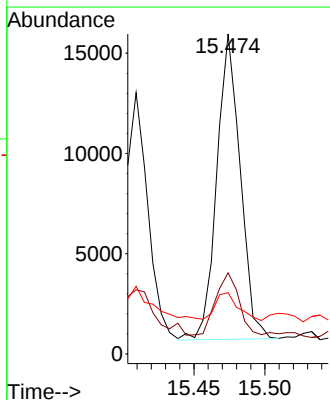
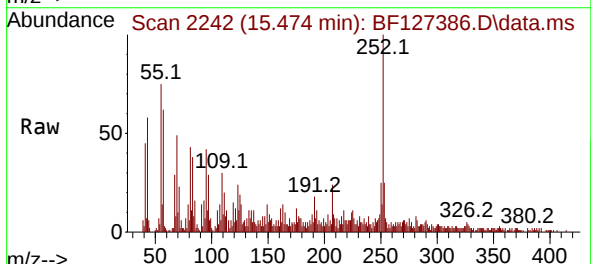
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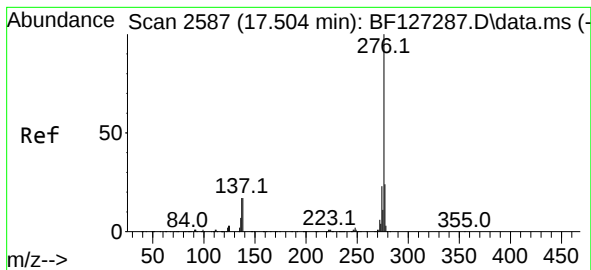
Reviewed By :Christian Giraldo 03/18/2022
Supervised By :Jagrut Upadhyay 03/18/2022



#90
Benzo(a)pyrene
Concen: 3.419 ng
RT: 15.474 min Scan# 2242
Delta R.T. -0.000 min
Lab File: BF127386.D
Acq: 17 Mar 2022 20:10

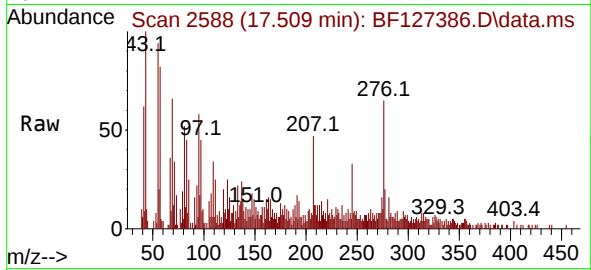
Tgt Ion:252 Resp: 17488
Ion Ratio Lower Upper
252 100
253 25.4 17.1 25.7
125 19.1 13.0 19.6





#92
 Benzo(g,h,i)perylene
 Concen: 2.254 ng
 RT: 17.509 min Scan# 2588
 Delta R.T. 0.006 min
 Lab File: BF127386.D
 Acq: 17 Mar 2022 20:10

Instrument :
 BNA_F
 ClientSampleId :
 TPK-2



Tgt Ion: 276 Resp: 1091

Ion	Ratio	Lower	Upper
276	100		
277	30.9	18.5	27.7
138	22.4	25.9	38.9

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

