

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030322\
 Data File : BF127187.D
 Acq On : 03 Mar 2022 22:49
 Operator : CG\JU
 Sample : N1726-02
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 279

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 03/04/2022
 Supervised By : Jagrut Upadhyay 03/04/2022

Quant Time: Mar 04 02:15:29 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 01 23:57:09 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
Internal Standards							03/04/2022
1) 1,4-Dichlorobenzene-d4	6.893	152	117015	20.000	ng	0.00	Supervised By : Jagrut Upadhyay
21) Naphthalene-d8	8.175	136	463676	20.000	ng	# 0.00	
39) Acenaphthene-d10	9.933	164	220559	20.000	ng	0.00	
64) Phenanthrene-d10	11.422	188	324208	20.000	ng	# 0.00	
76) Chrysene-d12	14.069	240	198389	20.000	ng	# 0.00	
86) Perylene-d12	15.563	264	171813	20.000	ng	0.00	03/04/2022
System Monitoring Compounds							
5) 2-Fluorophenol	5.522	112	710824	93.888	ng	0.01	
7) Phenol-d6	6.528	99	917680	89.828	ng	0.00	
23) Nitrobenzene-d5	7.457	82	622390	60.588	ng	0.00	
42) 2,4,6-Tribromophenol	10.728	330	216018	85.065	ng	0.00	
45) 2-Fluorobiphenyl	9.251	172	932353	62.231	ng	0.00	
79) Terphenyl-d14	13.010	244	720444	53.384	ng	0.00	
Target Compounds							Qvalue
10) Phenol	6.534	94	27298	2.645	ng	#	55
55) Dibenzofuran	10.133	168	42822	2.275	ng		92
58) Fluorene	10.480	166	67907m	4.631	ng		
71) Phenanthrene	11.451	178	521495	28.738	ng		99
72) Anthracene	11.498	178	144639	8.007	ng		99
75) Fluoranthene	12.645	202	610408	35.427	ng		94
78) Pyrene	12.874	202	500013	29.010	ng		100
81) Benzo(a)anthracene	14.063	228	252467	18.877	ng		95
83) Chrysene	14.098	228	225265	17.911	ng		98
87) Indeno(1,2,3-cd)pyrene	17.074	276	85962	7.630	ng	#	85
88) Benzo(b)fluoranthene	15.127	252	280203m	24.282	ng		
89) Benzo(k)fluoranthene	15.151	252	69043m	6.203	ng		
90) Benzo(a)pyrene	15.498	252	177253m	19.665	ng		
91) Dibenzo(a,h)anthracene	17.074	278	22598m	2.425	ng		
92) Benzo(g,h,i)perylene	17.533	276	75034	8.168	ng	#	89

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

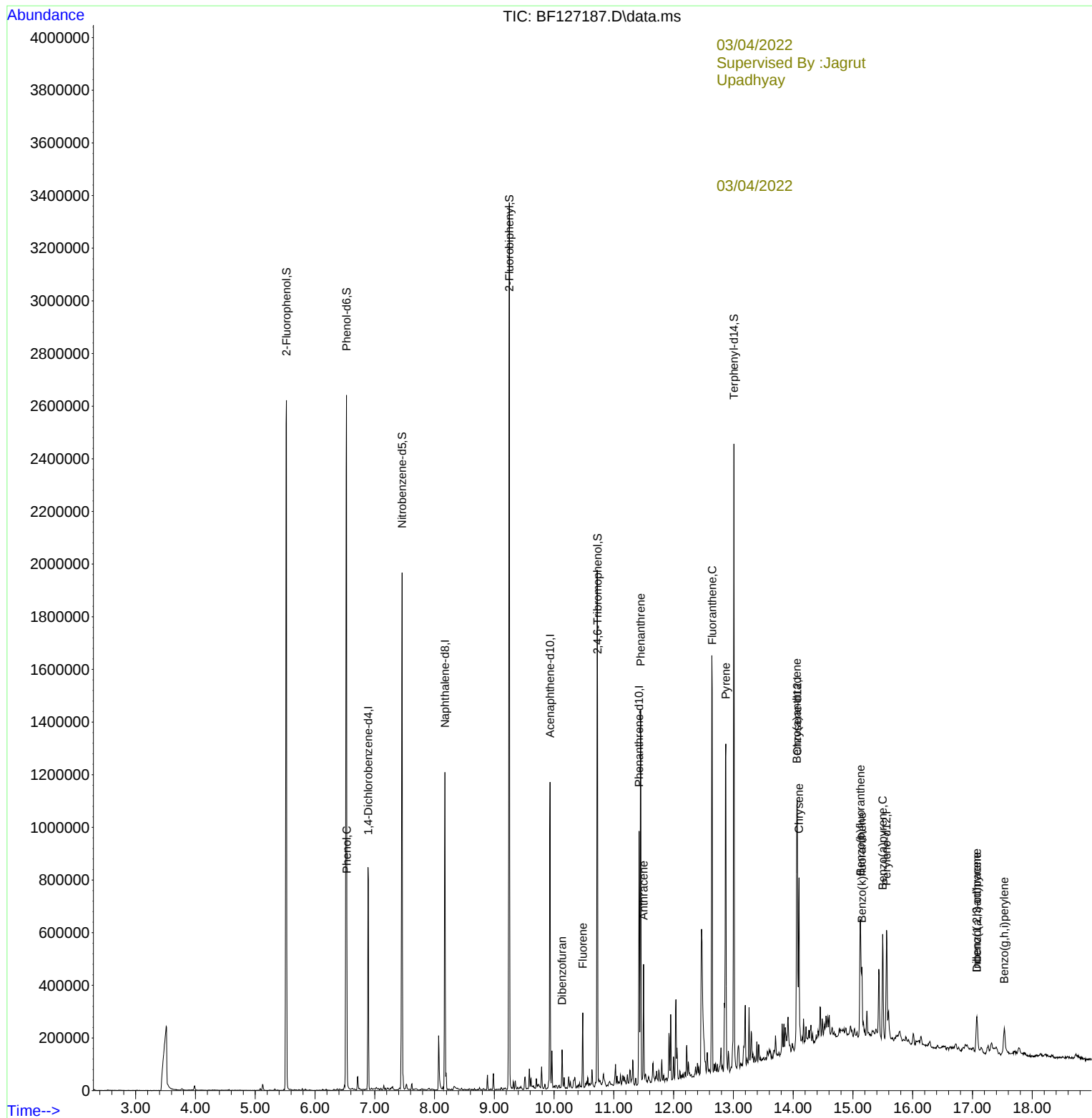
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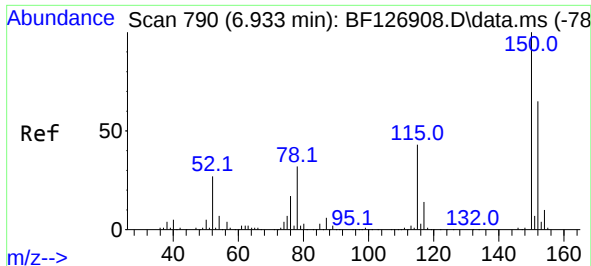
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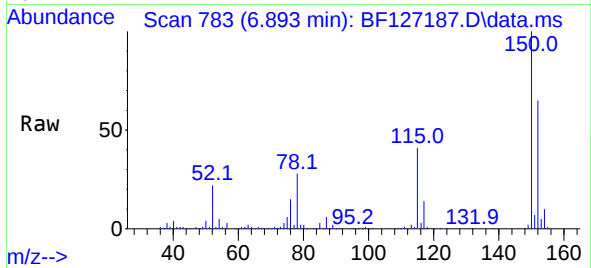
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Supervised By :Jagrut Upadhyay 03/04/2022





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.893 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF127187.D
Acq: 03 Mar 2022 22:49

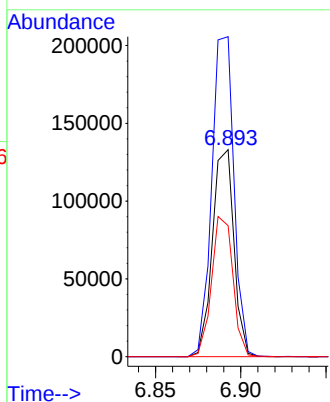
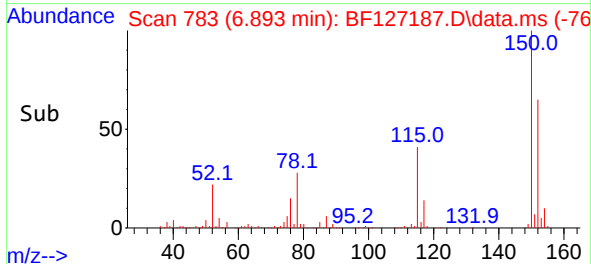
Instrument :
BNA_F
ClientSampleId :
279



Tgt Ion:152 Resp: 117015
Ion Ratio Lower Upper
152 100
150 154.5 128.1 192.1
115 63.3 56.7 85.1

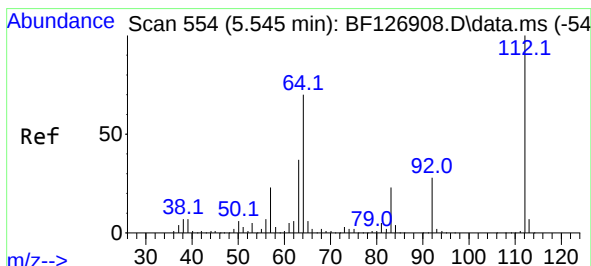
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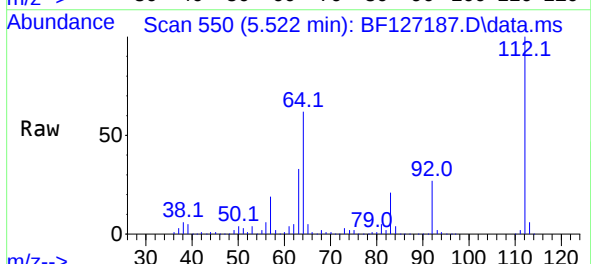


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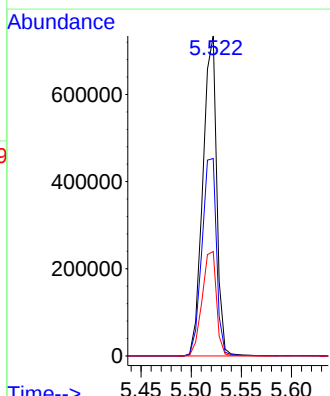
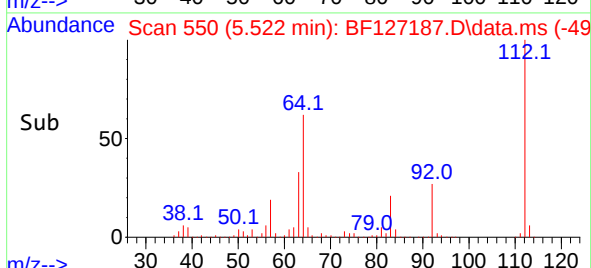
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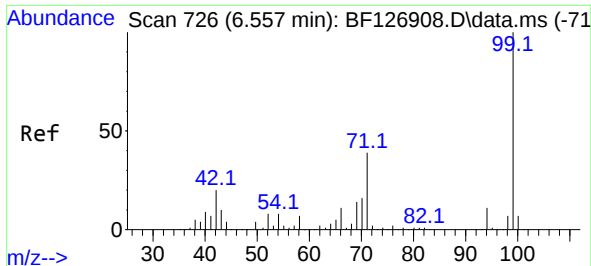


#5
2-Fluorophenol
Concen: 93.888 ng
RT: 5.522 min Scan# 550
Delta R.T. 0.012 min
Lab File: BF127187.D
Acq: 03 Mar 2022 22:49



Tgt Ion:112 Resp: 710824
Ion Ratio Lower Upper
112 100
64 61.7 49.5 74.3
63 32.7 23.9 35.9





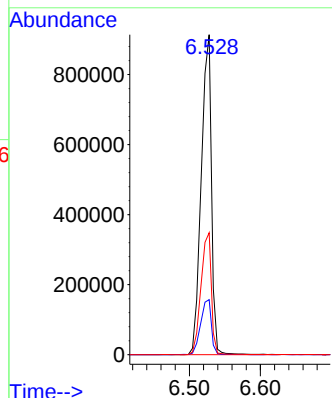
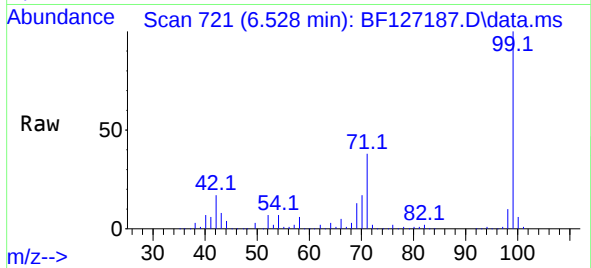
#7
Phenol-d6
Concen: 89.828 ng
RT: 6.528 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF127187.D
Acq: 03 Mar 2022 22:49

Instrument :
BNA_F
ClientSampleId :
279

Tgt Ion: 99 Resp: 917680
Ion Ratio Lower Upper
99 100
42 17.2 14.2 21.4
71 38.1 24.3 36.5

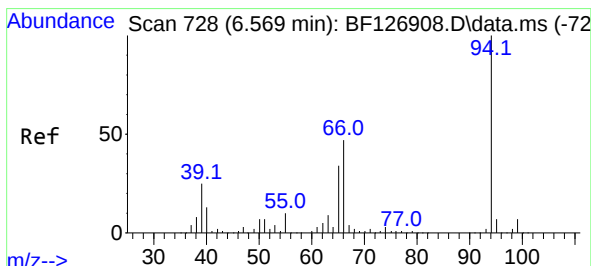
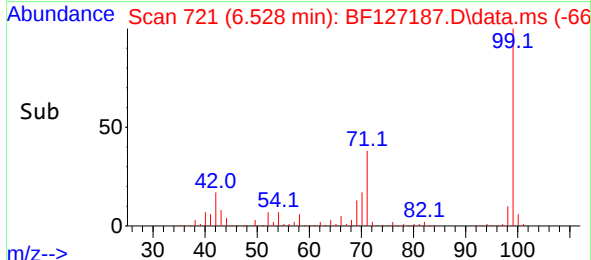
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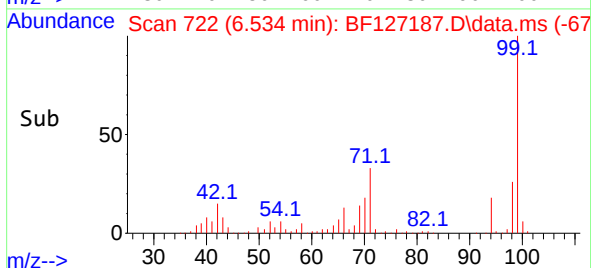
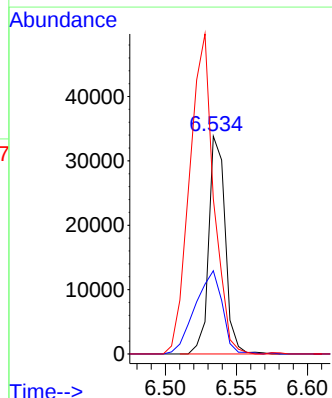
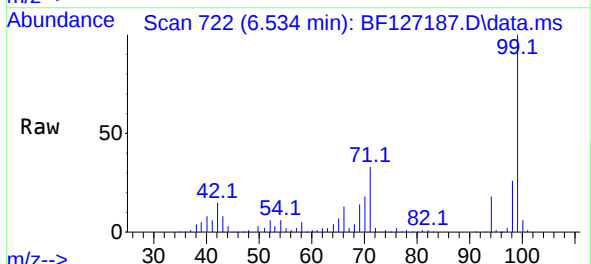
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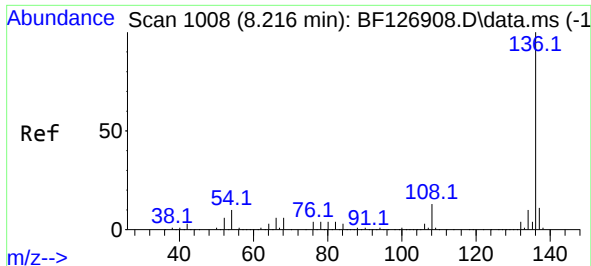
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#10
Phenol
Concen: 2.645 ng
RT: 6.534 min Scan# 722
Delta R.T. -0.006 min
Lab File: BF127187.D
Acq: 03 Mar 2022 22:49

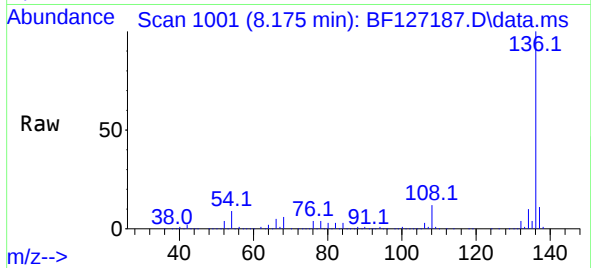
Tgt Ion: 94 Resp: 27298
Ion Ratio Lower Upper
94 100
65 38.2 7.2 47.2
66 71.2 14.5 54.5





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 1008
Delta R.T. -0.000 min
Lab File: BF127187.D
Acq: 03 Mar 2022 22:49

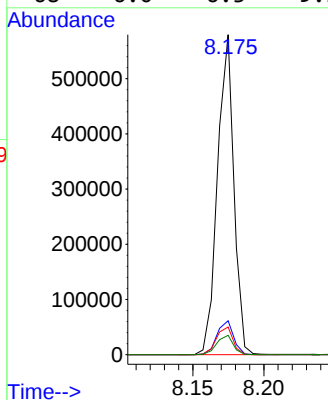
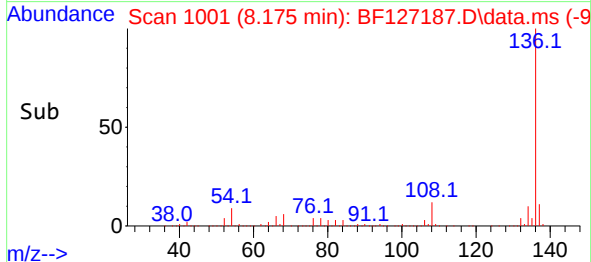
Instrument :
BNA_F
ClientSampleId :
279



Tgt Ion:136 Resp: 463670
Ion Ratio Lower Upper
136 100
137 10.6 8.6 13.0
54 8.7 7.8 11.6
68 6.0 6.3 9.5#

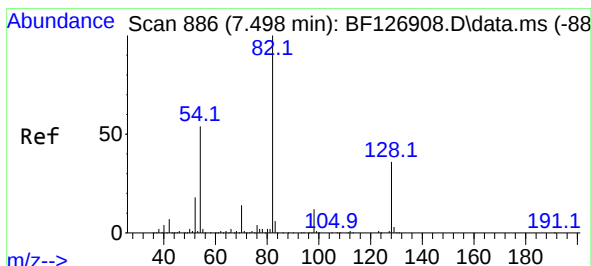
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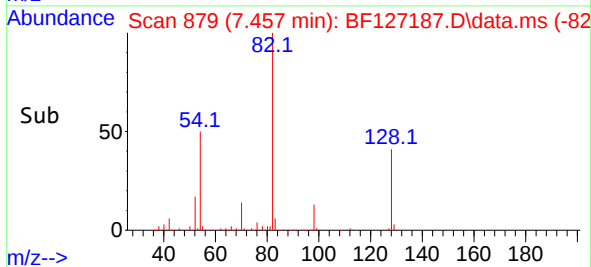
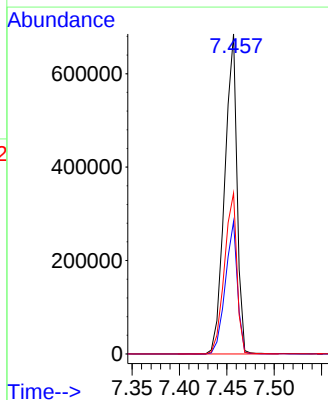
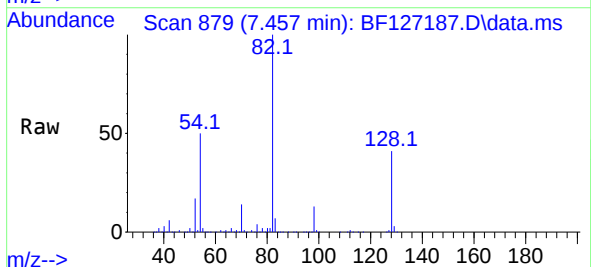
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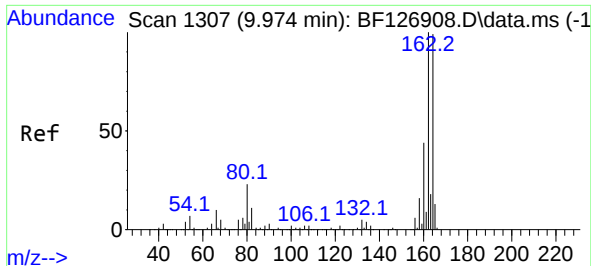
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#23
Nitrobenzene-d5
Concen: 60.588 ng
RT: 7.457 min Scan# 879
Delta R.T. -0.006 min
Lab File: BF127187.D
Acq: 03 Mar 2022 22:49

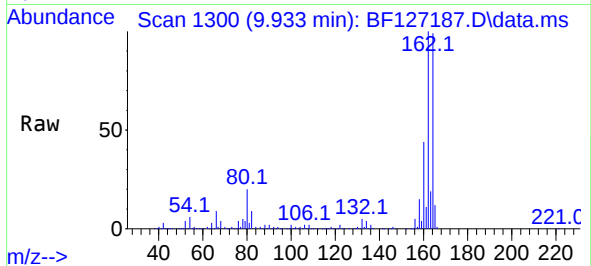
Tgt Ion: 82 Resp: 622390
Ion Ratio Lower Upper
82 100
128 41.4 32.7 49.1
54 50.3 41.7 62.5





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.933 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF127187.D
Acq: 03 Mar 2022 22:49

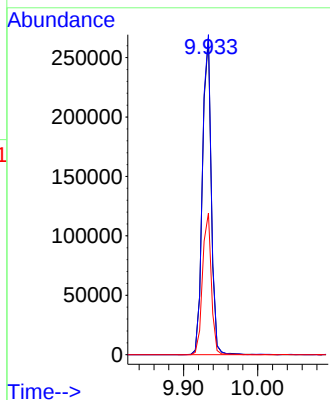
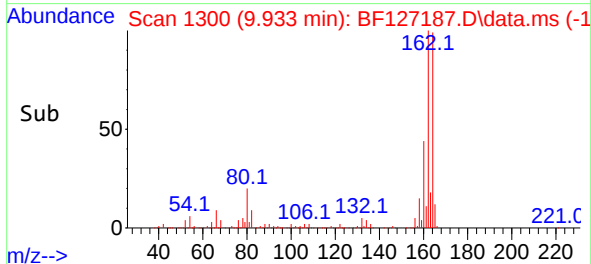
Instrument :
BNA_F
ClientSampleId :
279



Tgt Ion:164 Resp: 220559
Ion Ratio Lower Upper
164 100
162 101.0 81.4 122.0
160 44.7 36.6 54.8

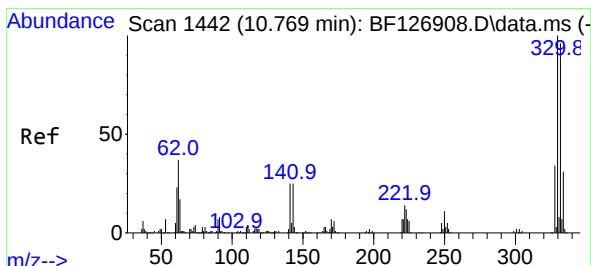
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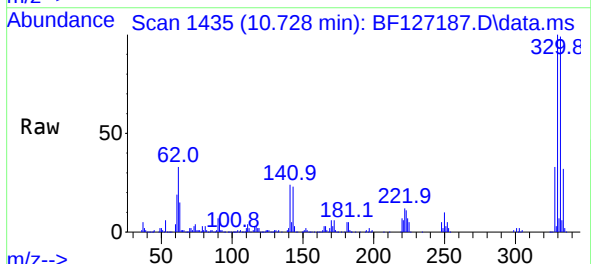


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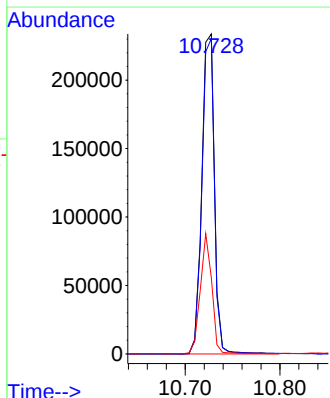
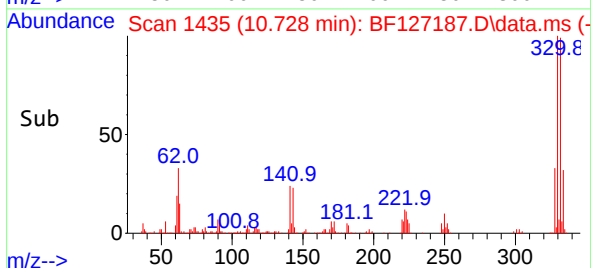
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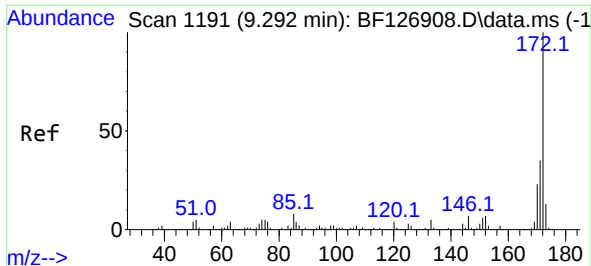


#42
2,4,6-Tribromophenol
Concen: 85.065 ng
RT: 10.728 min Scan# 1435
Delta R.T. -0.000 min
Lab File: BF127187.D
Acq: 03 Mar 2022 22:49



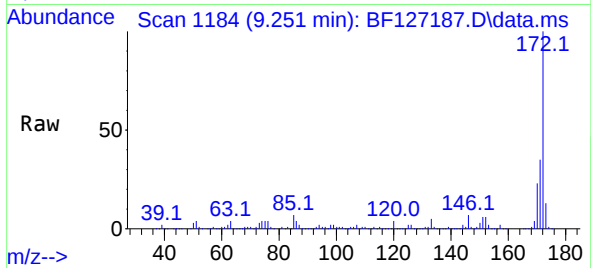
Tgt Ion:330 Resp: 216018
Ion Ratio Lower Upper
330 100
332 97.5 76.0 114.0
141 34.7 30.1 45.1





#45
2-Fluorobiphenyl
Concen: 62.231 ng
RT: 9.251 min Scan# 1191
Delta R.T. -0.000 min
Lab File: BF127187.D
Acq: 03 Mar 2022 22:49

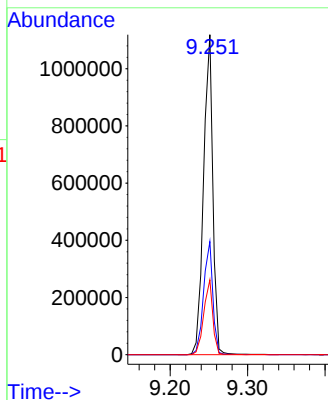
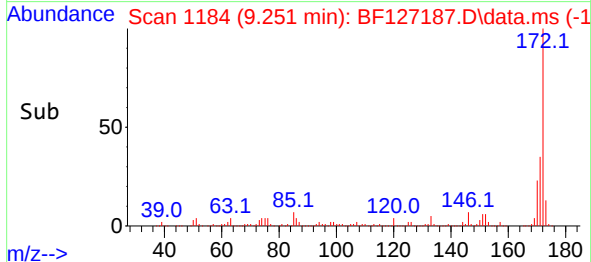
Instrument :
BNA_F
ClientSampleId :
279



Tgt Ion:172 Resp: 93235
Ion Ratio Lower Upper
172 100
171 35.4 28.3 42.5
170 23.4 19.0 28.6

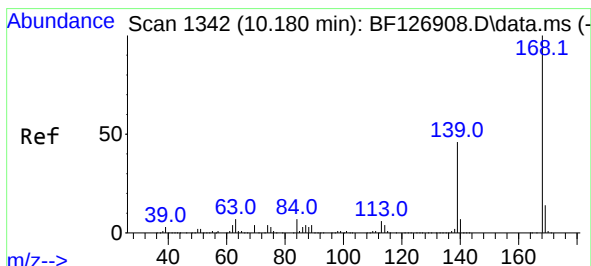
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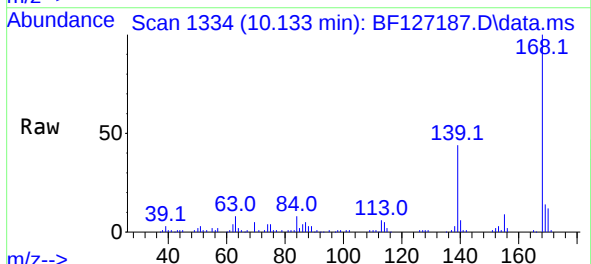


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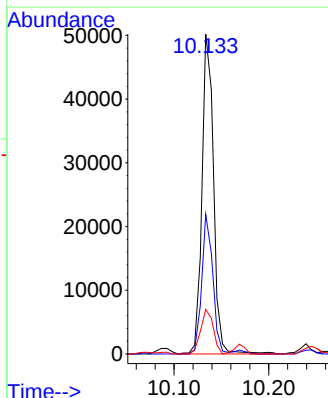
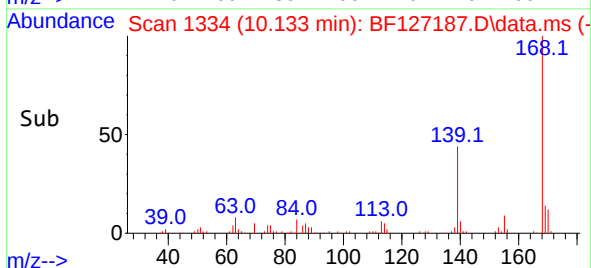
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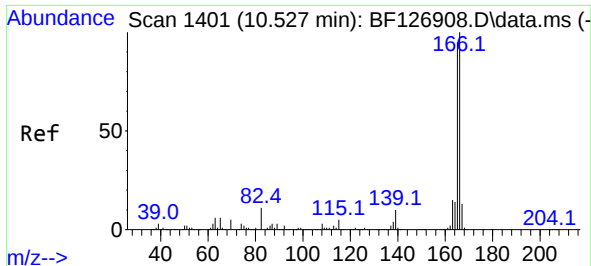


#55
Dibenzofuran
Concen: 2.275 ng
RT: 10.133 min Scan# 1334
Delta R.T. -0.012 min
Lab File: BF127187.D
Acq: 03 Mar 2022 22:49



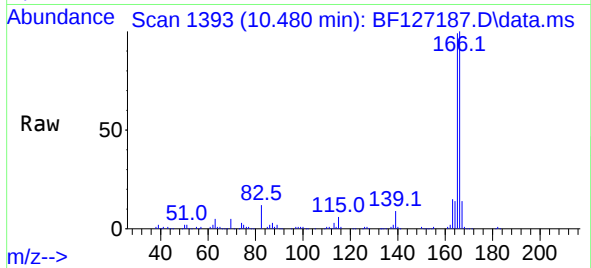
Tgt Ion:168 Resp: 42822
Ion Ratio Lower Upper
168 100
139 43.7 30.6 46.0
169 13.9 10.0 15.0





#58
Fluorene
Concen: 4.631 ng m
RT: 10.480 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF127187.D
Acq: 03 Mar 2022 22:49

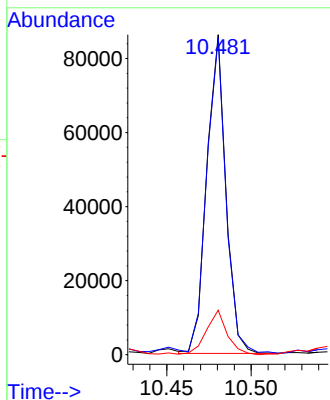
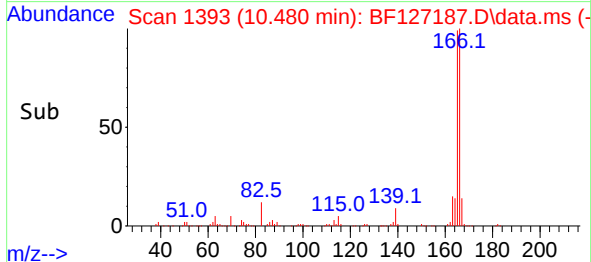
Instrument :
BNA_F
ClientSampleId :
279



Tgt Ion:166 Resp: 6790
Ion Ratio Lower Upper
166 100
165 99.0 77.7 116.5
167 13.9 10.7 16.1

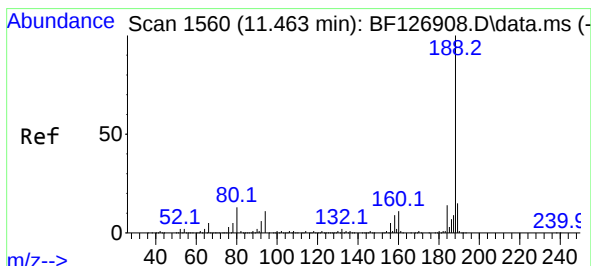
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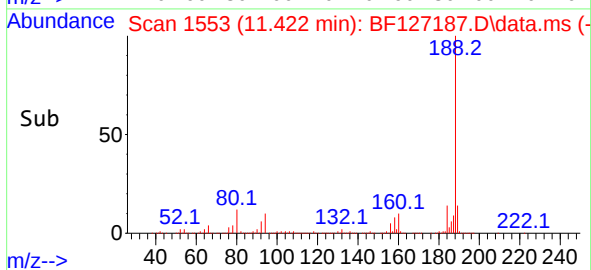
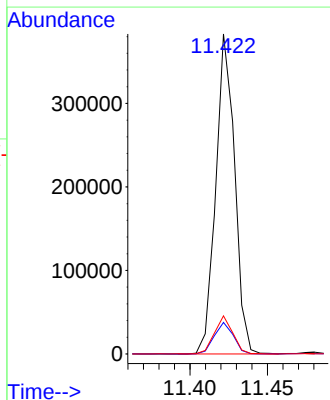
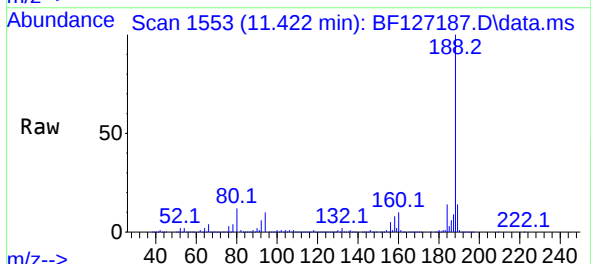
03/04/2022
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Upadhyay

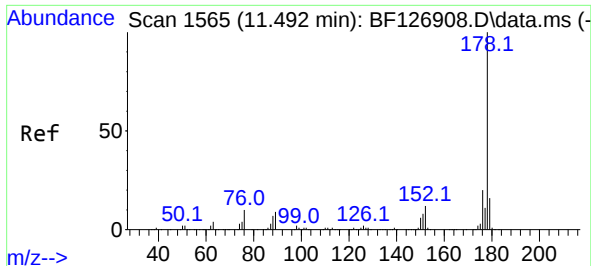
03/04/2022



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.422 min Scan# 1553
Delta R.T. -0.006 min
Lab File: BF127187.D
Acq: 03 Mar 2022 22:49

Tgt Ion:188 Resp: 324208
Ion Ratio Lower Upper
188 100
94 9.9 10.1 15.1#
80 11.9 11.8 17.6





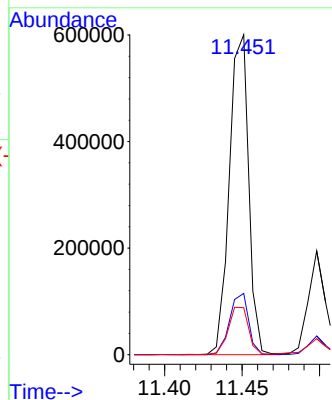
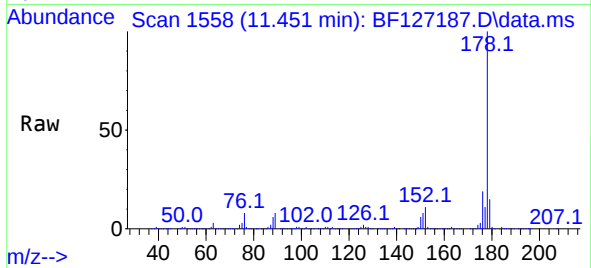
#71
Phenanthrene
Concen: 28.738 ng
RT: 11.451 min Scan# 11451
Delta R.T. -0.000 min
Lab File: BF127187.D
Acq: 03 Mar 2022 22:49

Instrument :
BNA_F
ClientSampleId :
279

Tgt Ion:178 Resp: 52149
Ion Ratio Lower Upper
178 100
176 19.2 15.7 23.5
179 14.7 12.3 18.5

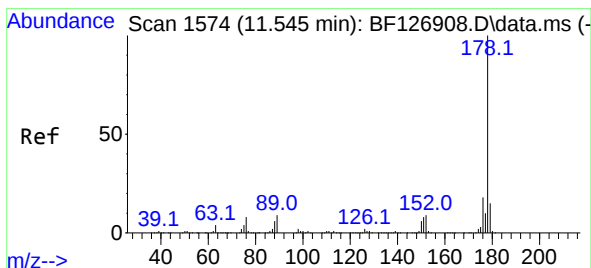
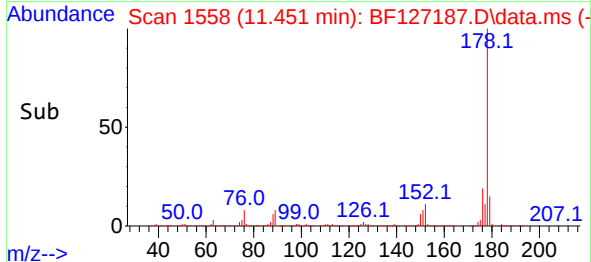
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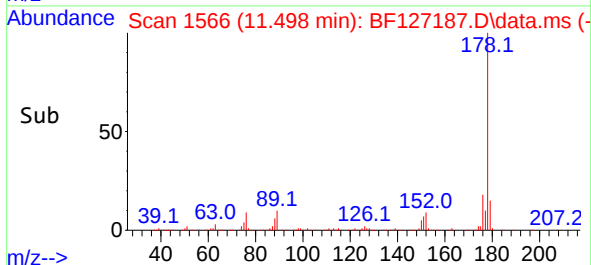
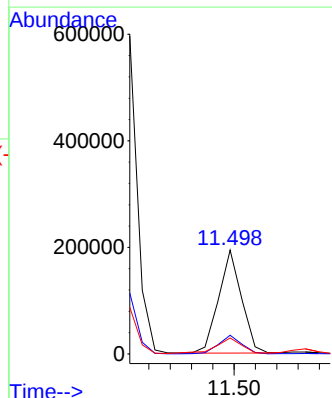
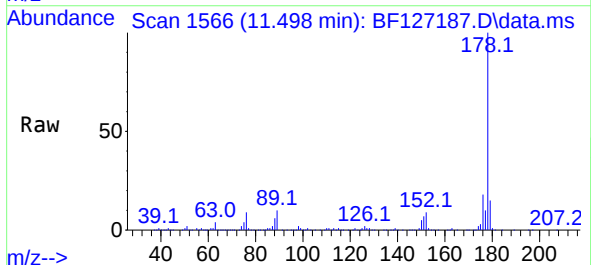
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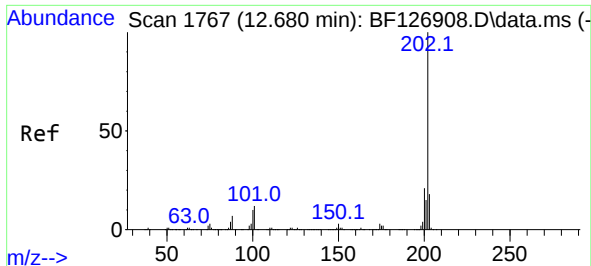
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#72
Anthracene
Concen: 8.007 ng
RT: 11.498 min Scan# 1566
Delta R.T. -0.006 min
Lab File: BF127187.D
Acq: 03 Mar 2022 22:49

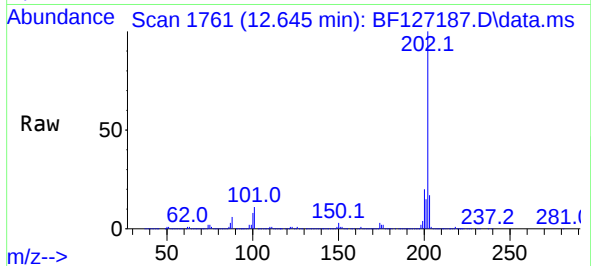
Tgt Ion:178 Resp: 144639
Ion Ratio Lower Upper
178 100
176 18.1 15.0 22.6
179 15.5 12.5 18.7





#75
Fluoranthene
Concen: 35.427 ng
RT: 12.645 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF127187.D
Acq: 03 Mar 2022 22:49

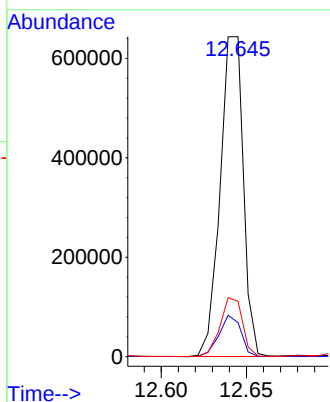
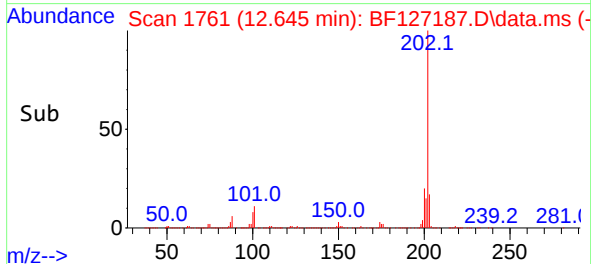
Instrument :
BNA_F
ClientSampleId :
279



Tgt Ion:202 Resp: 610408
Ion Ratio Lower Upper
202 100
101 10.7 0.0 35.7
203 17.3 0.0 37.1

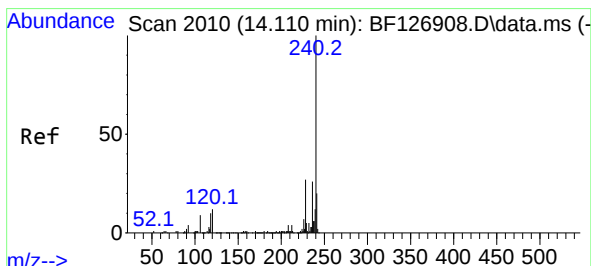
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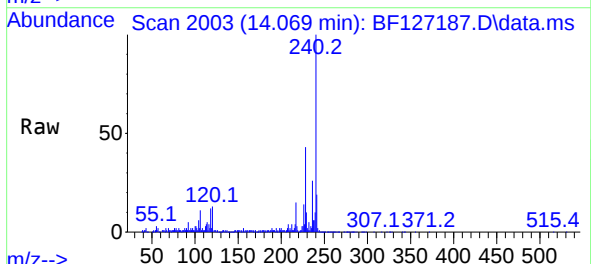


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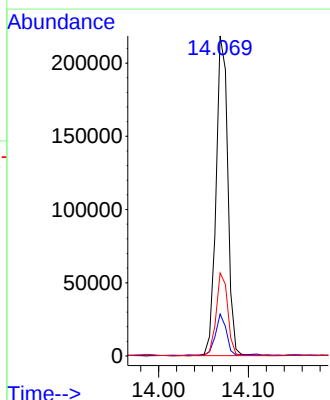
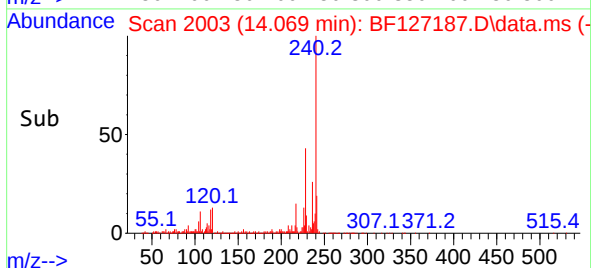
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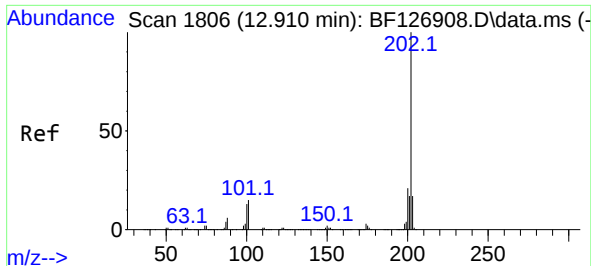


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.069 min Scan# 2003
Delta R.T. -0.006 min
Lab File: BF127187.D
Acq: 03 Mar 2022 22:49



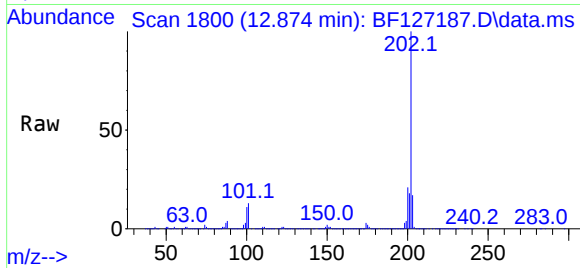
Tgt Ion:240 Resp: 198389
Ion Ratio Lower Upper
240 100
120 13.1 14.4 21.6#
236 25.9 20.5 30.7





#78
Pyrene
Concen: 29.010 ng
RT: 12.874 min Scan# 1800
Delta R.T. -0.000 min
Lab File: BF127187.D
Acq: 03 Mar 2022 22:49

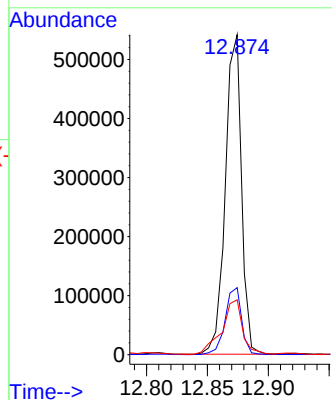
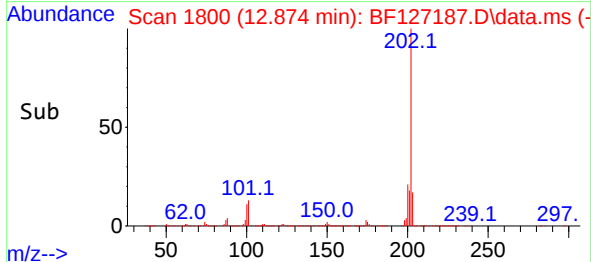
Instrument :
BNA_F
ClientSampleId :
279



Tgt Ion:202 Resp: 500011
Ion Ratio Lower Upper
202 100
200 20.9 16.6 24.8
203 17.1 13.8 20.8

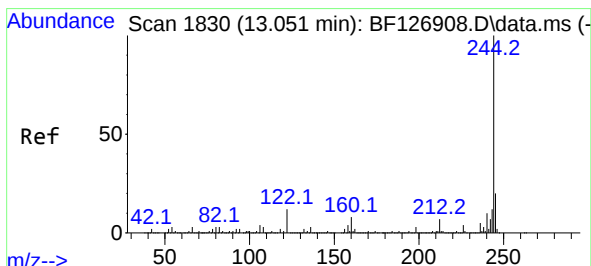
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Reviewed By :Christian Giraldo 03/04/2022
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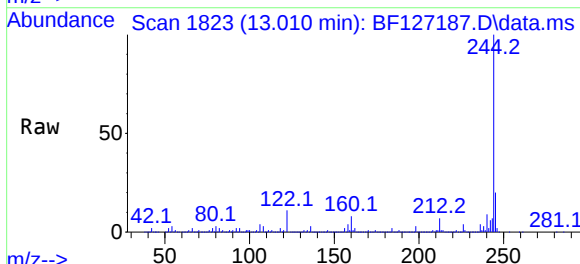


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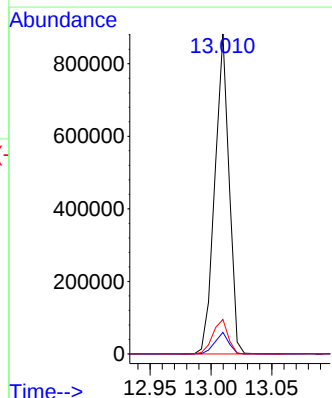
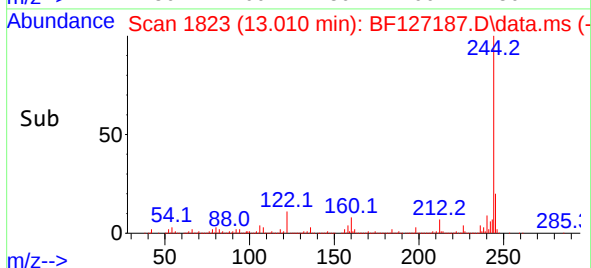
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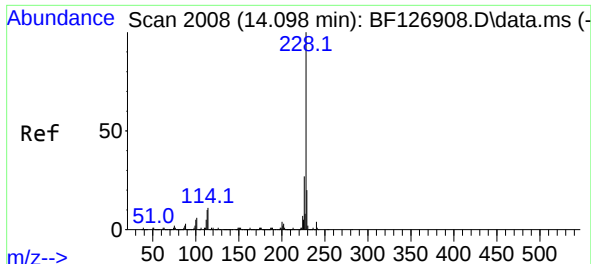


#79
Terphenyl-d14
Concen: 53.384 ng
RT: 13.010 min Scan# 1823
Delta R.T. -0.006 min
Lab File: BF127187.D
Acq: 03 Mar 2022 22:49



Tgt Ion:244 Resp: 720444
Ion Ratio Lower Upper
244 100
212 6.8 5.0 7.4
122 10.8 13.3 19.9#





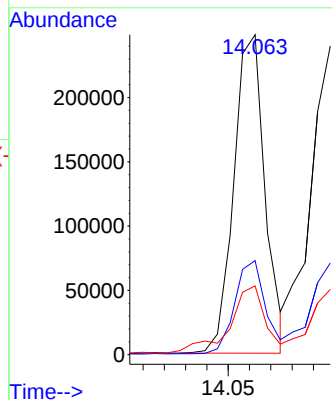
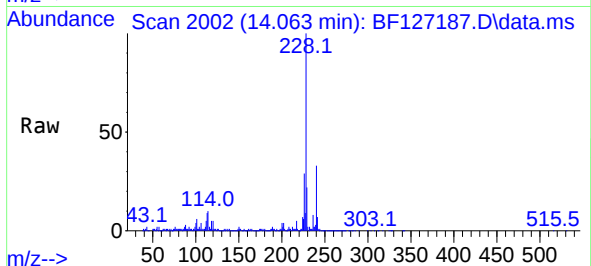
#81
Benzo(a)anthracene
Concen: 18.877 ng
RT: 14.063 min Scan# 2008
Delta R.T. -0.000 min
Lab File: BF127187.D
Acq: 03 Mar 2022 22:49

Instrument :
BNA_F
ClientSampleId :
279

Tgt Ion:228 Resp: 25246
Ion Ratio Lower Upper
228 100
226 29.4 21.4 32.0
229 21.5 15.4 23.2

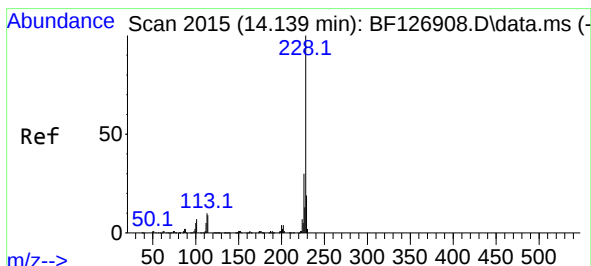
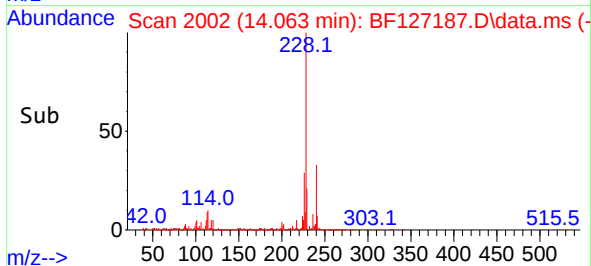
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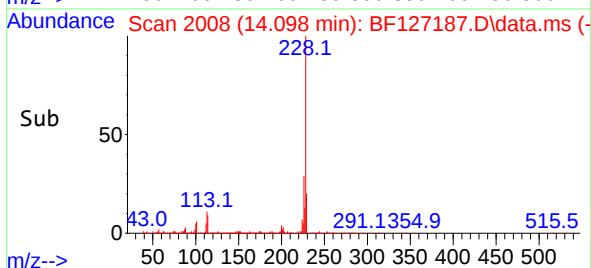
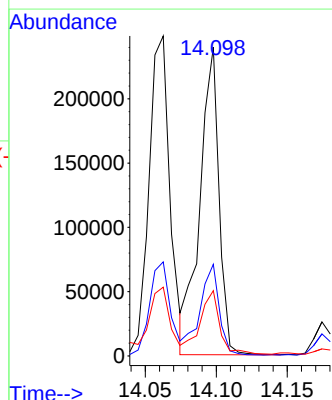
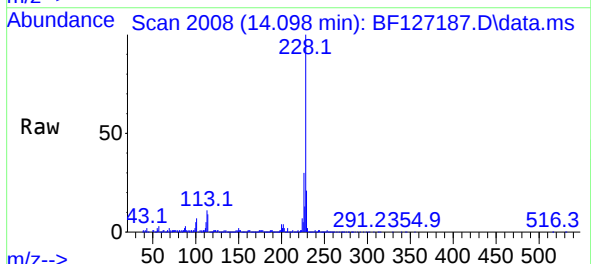
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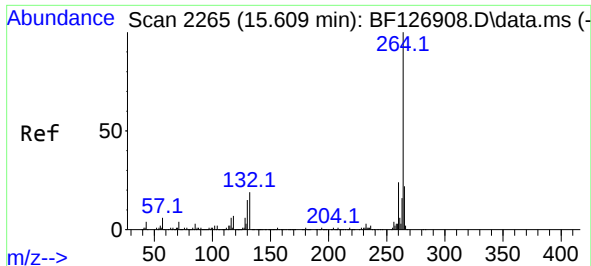
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#83
Chrysene
Concen: 17.911 ng
RT: 14.098 min Scan# 2008
Delta R.T. -0.006 min
Lab File: BF127187.D
Acq: 03 Mar 2022 22:49

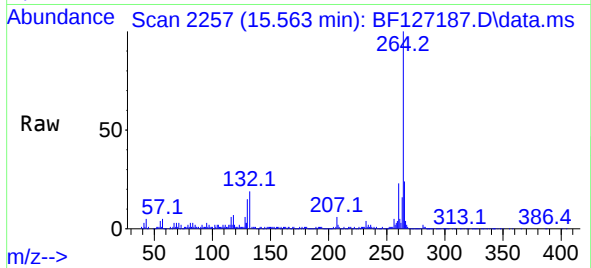
Tgt Ion:228 Resp: 225265
Ion Ratio Lower Upper
228 100
226 29.7 23.7 35.5
229 21.1 15.5 23.3





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.563 min Scan# 211
Delta R.T. -0.006 min
Lab File: BF127187.D
Acq: 03 Mar 2022 22:49

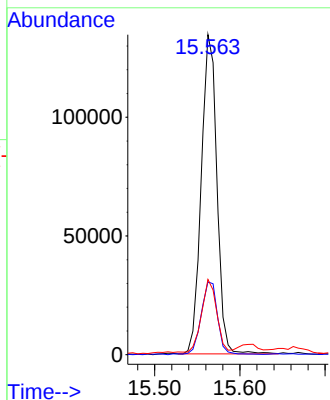
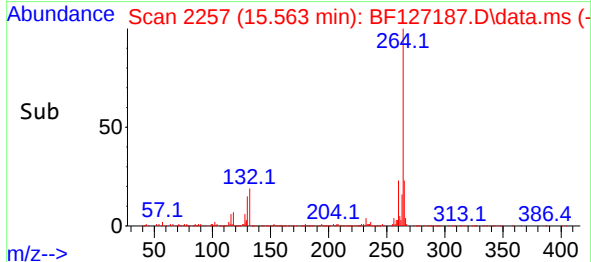
Instrument :
BNA_F
ClientSampleId :
279



Tgt Ion:264 Resp: 17181
Ion Ratio Lower Upper
264 100
260 22.7 19.2 28.8
265 23.5 17.4 26.2

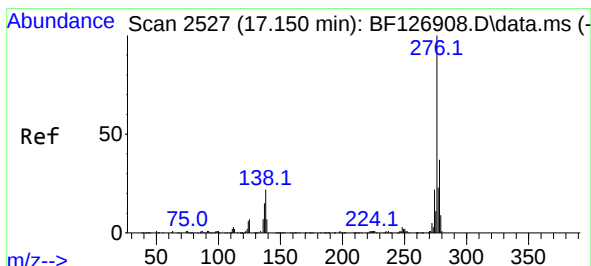
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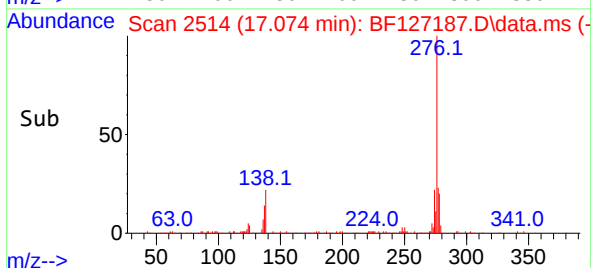
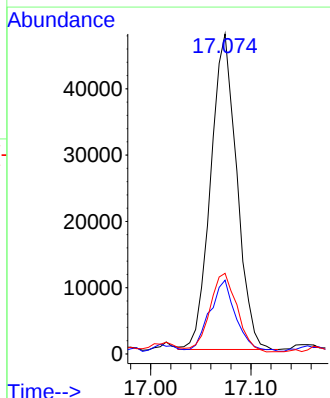
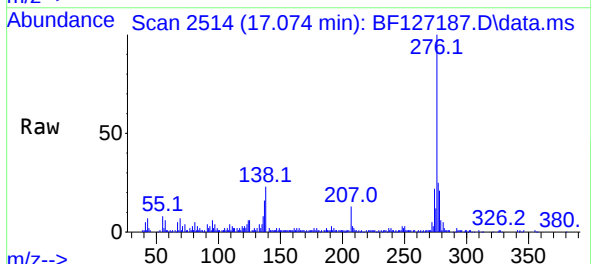
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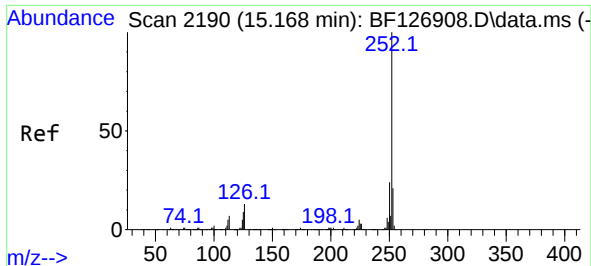
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#87
Indeno(1,2,3-cd)pyrene
Concen: 7.630 ng
RT: 17.074 min Scan# 2514
Delta R.T. -0.012 min
Lab File: BF127187.D
Acq: 03 Mar 2022 22:49

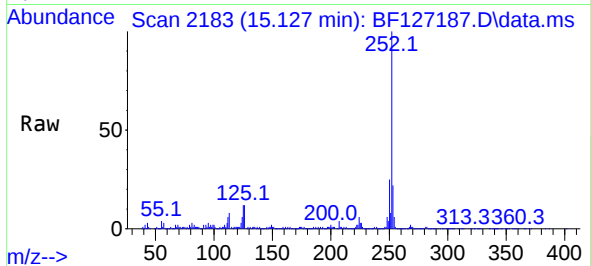
Tgt Ion:276 Resp: 85962
Ion Ratio Lower Upper
276 100
138 22.6 29.2 43.8#
277 26.0 19.8 29.8





#88
Benzo(b)fluoranthene
Concen: 24.282 ng m
RT: 15.127 min Scan# 2183
Delta R.T. -0.000 min
Lab File: BF127187.D
Acq: 03 Mar 2022 22:49

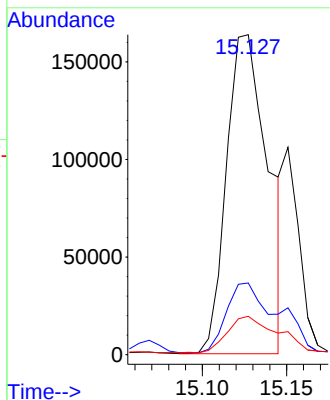
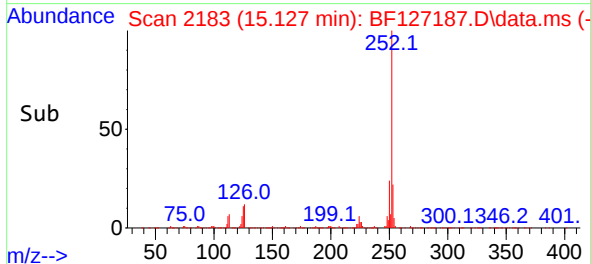
Instrument :
BNA_F
ClientSampleId :
279



Tgt Ion:252 Resp: 28020
Ion Ratio Lower Upper
252 100
253 22.4 17.8 26.8
125 12.0 12.4 18.6

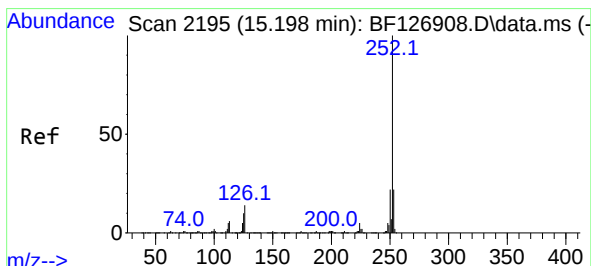
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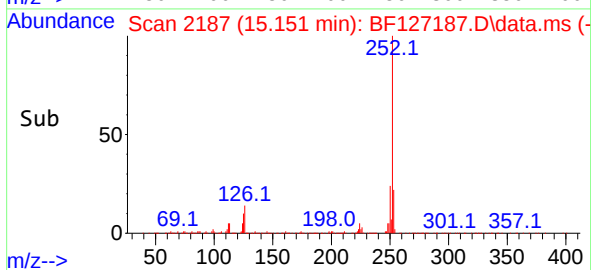
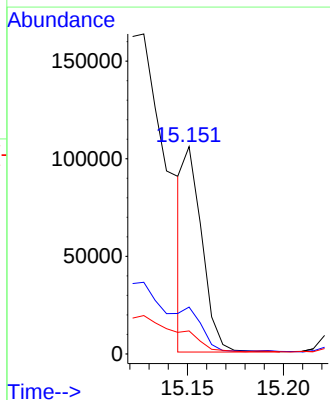
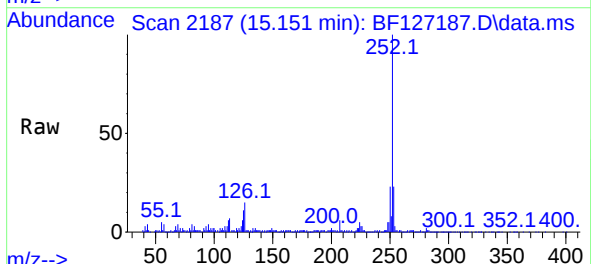
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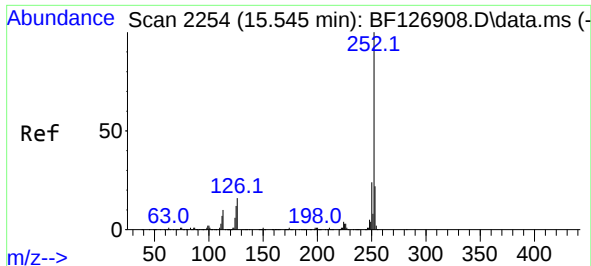
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#89
Benzo(k)fluoranthene
Concen: 6.203 ng m
RT: 15.151 min Scan# 2187
Delta R.T. -0.006 min
Lab File: BF127187.D
Acq: 03 Mar 2022 22:49

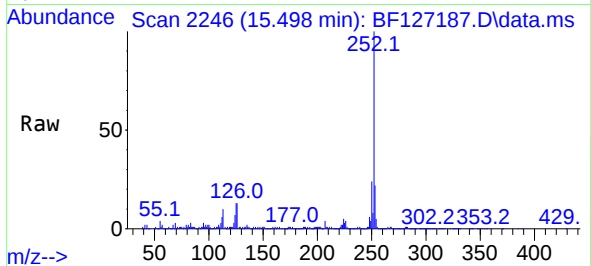
Tgt Ion:252 Resp: 69043
Ion Ratio Lower Upper
252 100
253 22.6 17.5 26.3
125 11.1 11.8 17.6#





#90
Benzo(a)pyrene
Concen: 19.665 ng m
RT: 15.498 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF127187.D
Acq: 03 Mar 2022 22:49

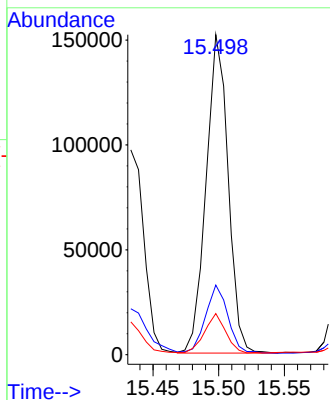
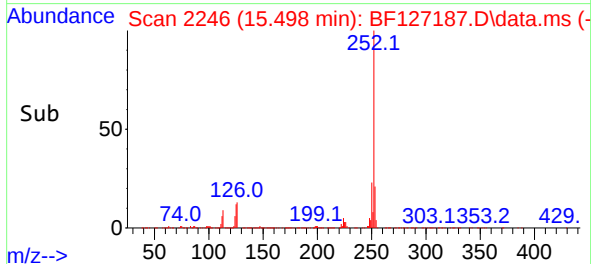
Instrument :
BNA_F
ClientSampleId :
279



Tgt Ion:252 Resp: 17725
Ion Ratio Lower Upper
252 100
253 21.7 17.1 25.7
125 12.9 13.0 19.6

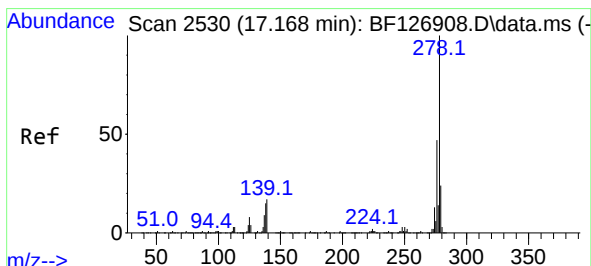
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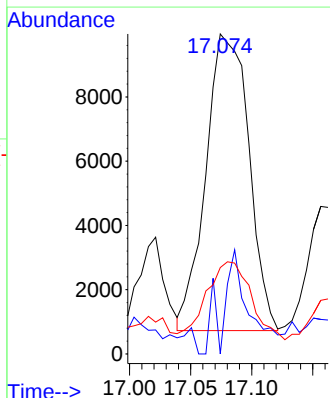
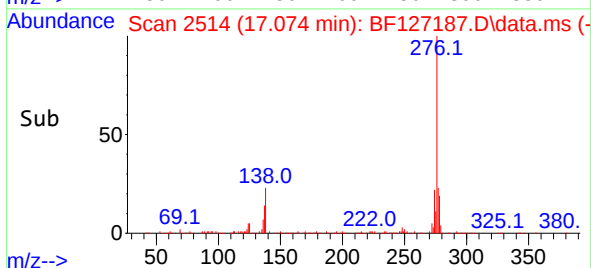
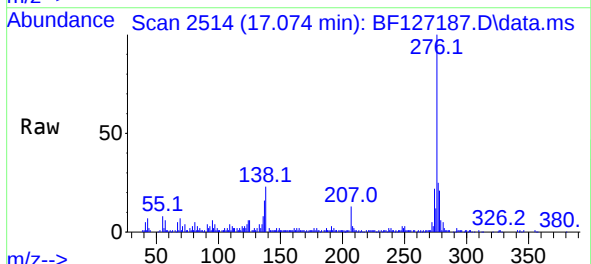
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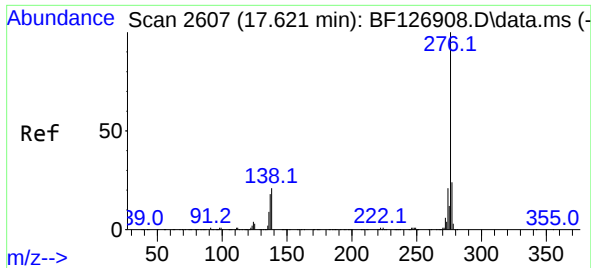
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#91
Dibenzo(a,h)anthracene
Concen: 2.425 ng m
RT: 17.074 min Scan# 2514
Delta R.T. -0.029 min
Lab File: BF127187.D
Acq: 03 Mar 2022 22:49

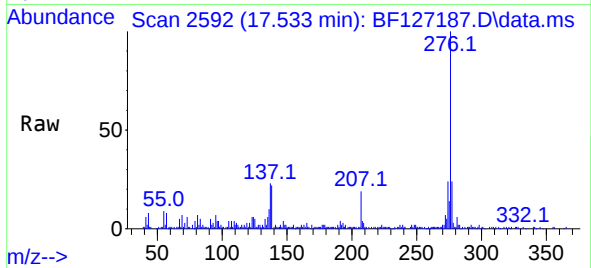
Tgt Ion:278 Resp: 22598
Ion Ratio Lower Upper
278 100
139 0.0 18.0 27.0#
279 27.0 18.6 27.8





#92
Benzo(g,h,i)perylene
Concen: 8.168 ng
RT: 17.533 min Scan# 21
Delta R.T. -0.018 min
Lab File: BF127187.D
Acq: 03 Mar 2022 22:49

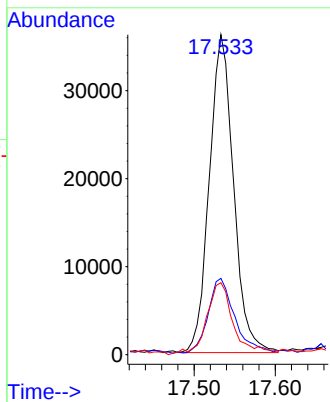
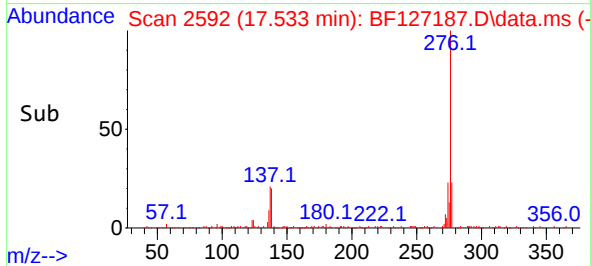
Instrument :
BNA_F
ClientSampleId :
279



Tgt Ion:276 Resp: 75034
Ion Ratio Lower Upper
276 100
277 23.9 18.5 27.7
138 22.5 25.9 38.9

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