

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF053122\
 Data File : BF128597.D
 Acq On : 31 May 2022 16:19
 Operator : CG\JU
 Sample : N3104-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-6

Manual Integrations
 APPROVED

Reviewed By :Christian Giraldo 06/01/2022
 Supervised By :Jagrut Upadhyay 06/01/2022

Quant Time: Jun 01 00:57:31 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 27 01:51:59 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.840	152	115138	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	446736	20.000	ng	# 0.00
39) Acenaphthene-d10	9.875	164	254567	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	475427	20.000	ng	0.00
76) Chrysene-d12	14.004	240	289508	20.000	ng	# 0.00
86) Perylene-d12	15.474	264	220529	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.463	112	651937	93.789	ng	0.01
7) Phenol-d6	6.469	99	832111	93.888	ng	0.00
23) Nitrobenzene-d5	7.398	82	598286	77.258	ng	-0.01
42) 2,4,6-Tribromophenol	10.669	330	267089	110.229	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	1127755	71.973	ng	0.00
79) Terphenyl-d14	12.957	244	1186495	79.178	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	11.386	178	120905	5.368	ng	97
75) Fluoranthene	12.574	202	198233	8.233	ng	98
78) Pyrene	12.804	202	236673	10.851	ng	98
81) Benzo(a)anthracene	13.992	228	81970	4.764	ng	98
83) Chrysene	14.027	228	72529	4.116	ng	98
87) Indeno(1,2,3-cd)pyrene	16.921	276	27232	2.094	ng	# 93
88) Benzo(b)fluoranthene	15.045	252	57893m	4.220	ng	
90) Benzo(a)pyrene	15.404	252	48997m	4.452	ng	
92) Benzo(g,h,i)perylene	17.362	276	29637	2.771	ng	95

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

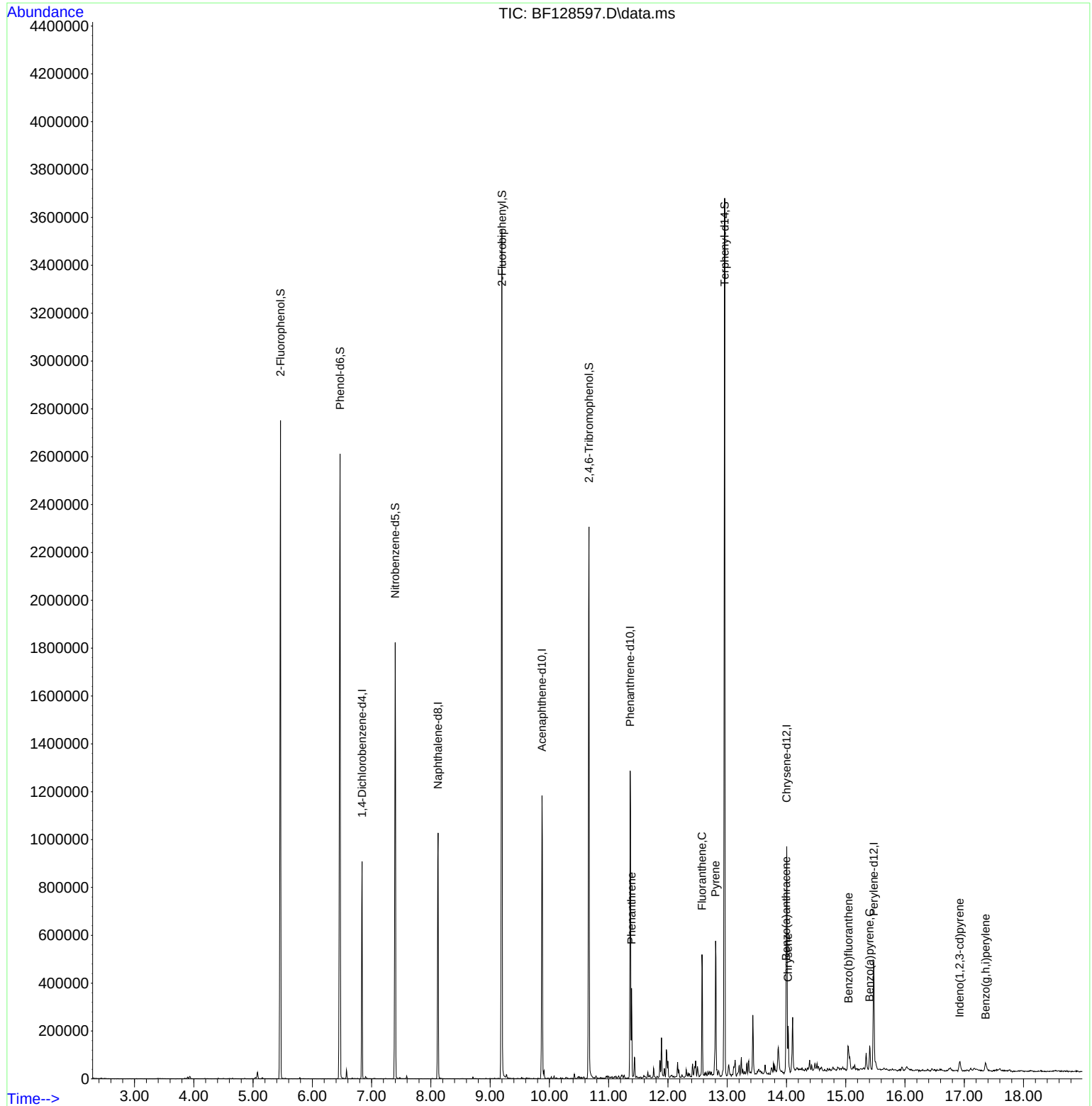
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF053122\
Data File : BF128597.D
Acq On : 31 May 2022 16:19
Operator : CG\JU
Sample : N3104-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

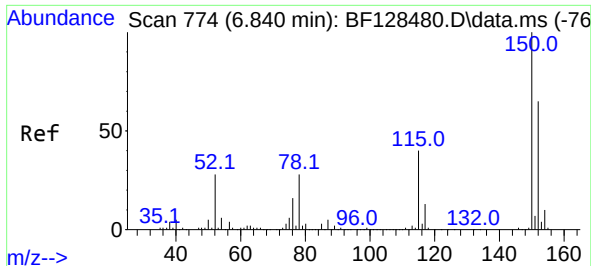
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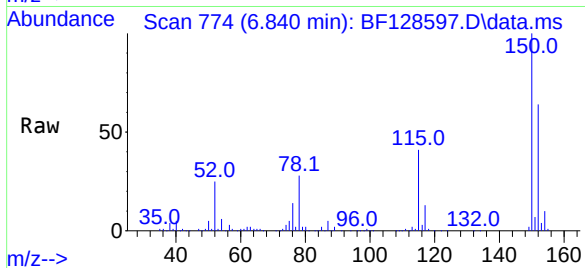
Quant Time: Jun 01 00:57:31 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 27 01:51:59 2022
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.840 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF128597.D
Acq: 31 May 2022 16:19

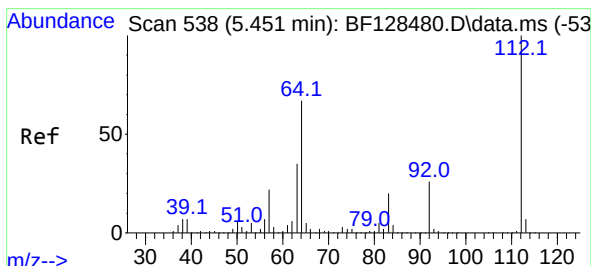
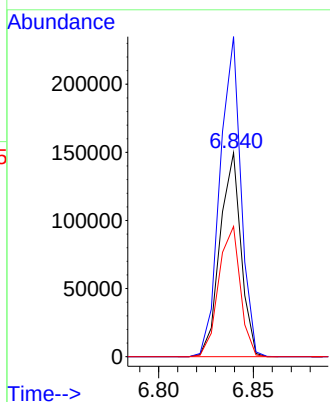
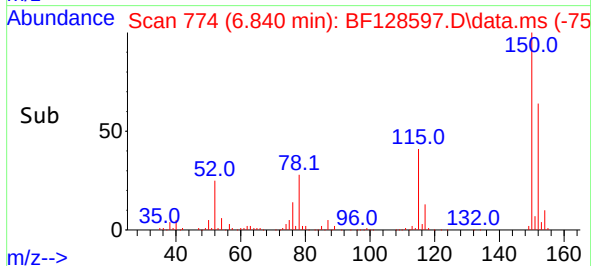
Instrument :
BNA_F
ClientSampleId :
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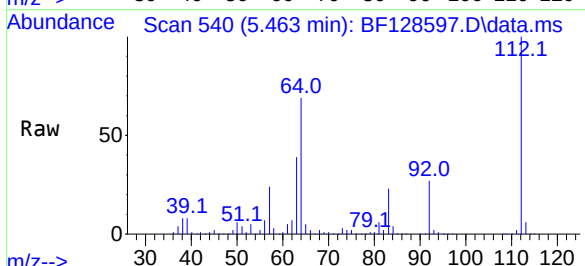
Tgt Ion:152 Resp: 115138
Ion Ratio Lower Upper
152 100
150 157.0 123.7 185.5
115 63.9 49.9 74.9

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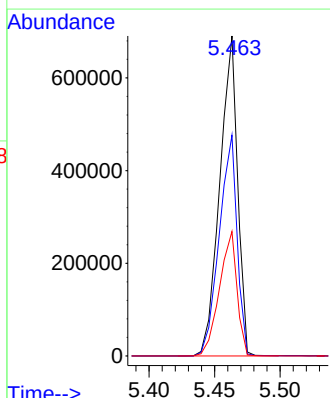
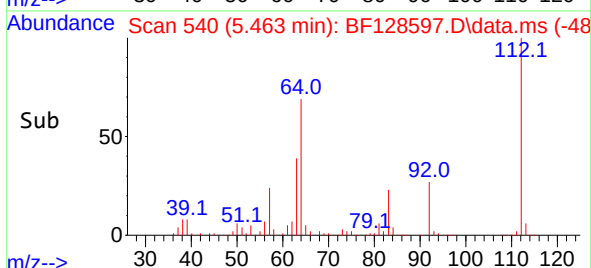
Reviewed By :Christian Giraldo 06/01/2022
Supervised By :Jagrut Upadhyay 06/01/2022

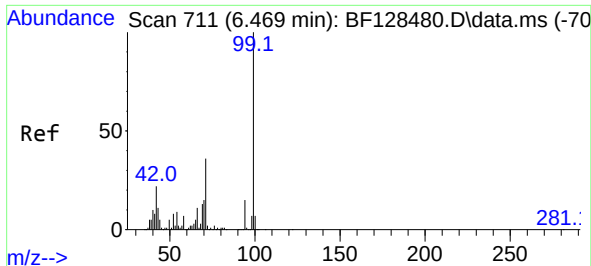


#5
2-Fluorophenol
Concen: 93.789 ng
RT: 5.463 min Scan# 540
Delta R.T. 0.012 min
Lab File: BF128597.D
Acq: 31 May 2022 16:19



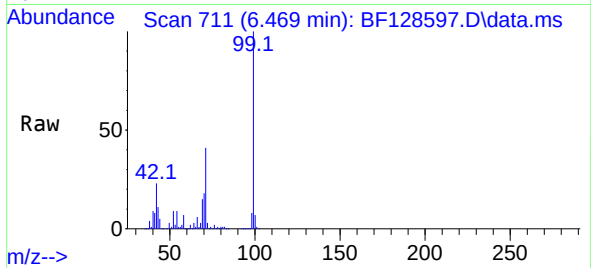
Tgt Ion:112 Resp: 651937
Ion Ratio Lower Upper
112 100
64 69.0 53.3 79.9
63 38.9 28.0 42.0





#7
Phenol-d6
Concen: 93.888 ng
RT: 6.469 min Scan# 711
Delta R.T. -0.000 min
Lab File: BF128597.D
Acq: 31 May 2022 16:19

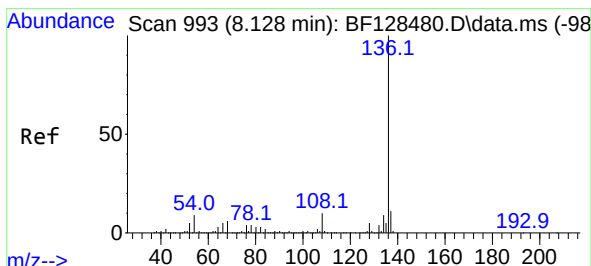
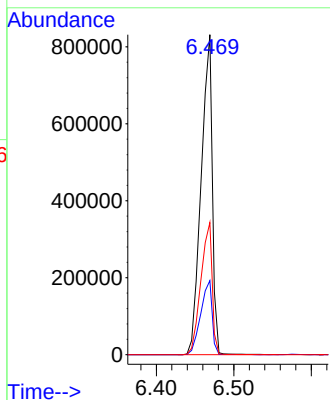
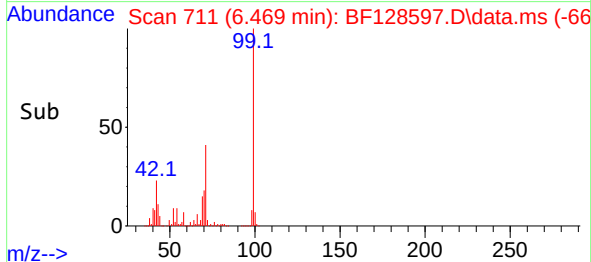
Instrument :
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ClientSampleId :
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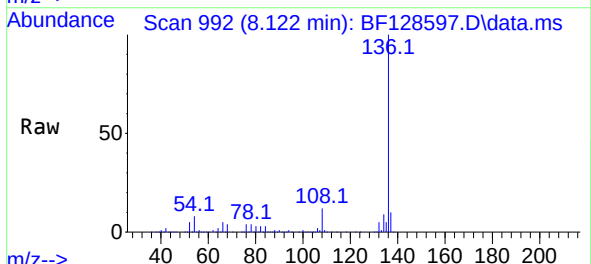
Tgt Ion: 99 Resp: 83211
Ion Ratio Lower Upper
99 100
42 23.2 17.3 25.9
71 41.3 28.9 43.3

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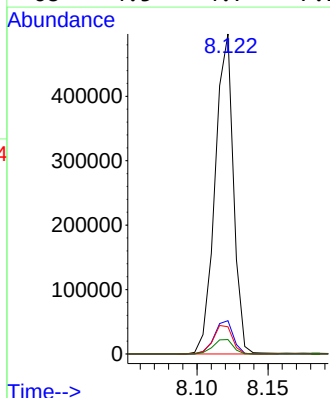
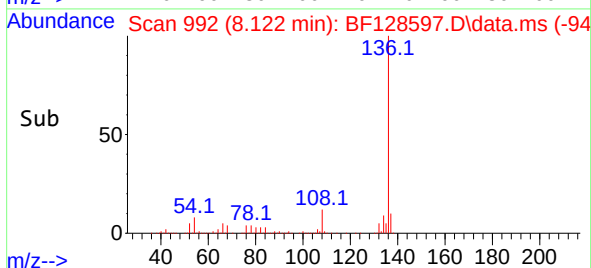
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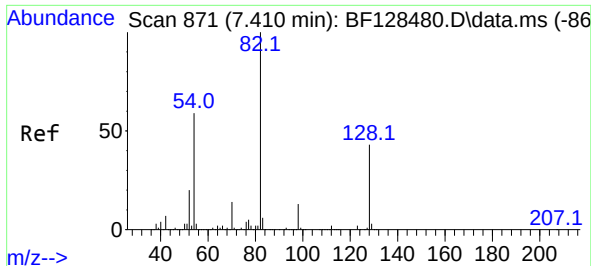


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 992
Delta R.T. -0.006 min
Lab File: BF128597.D
Acq: 31 May 2022 16:19



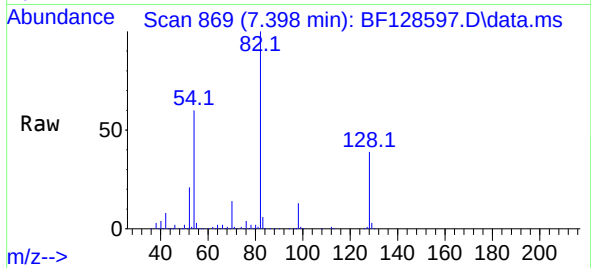
Tgt Ion:136 Resp: 446736
Ion Ratio Lower Upper
136 100
137 10.4 8.8 13.2
54 8.5 7.5 11.3
68 4.5 4.7 7.1#





#23
Nitrobenzene-d5
Concen: 77.258 ng
RT: 7.398 min Scan# 80
Delta R.T. -0.012 min
Lab File: BF128597.D
Acq: 31 May 2022 16:19

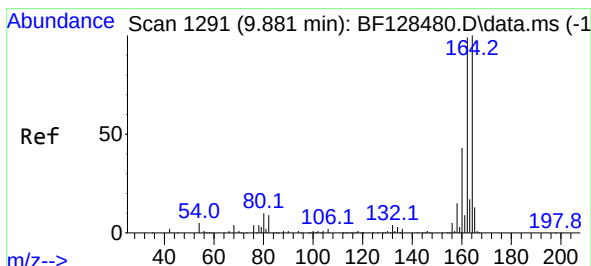
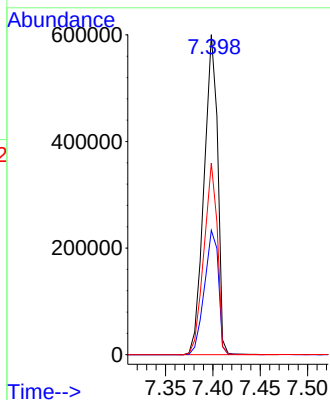
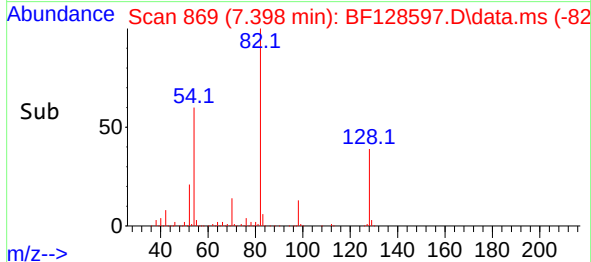
Instrument :
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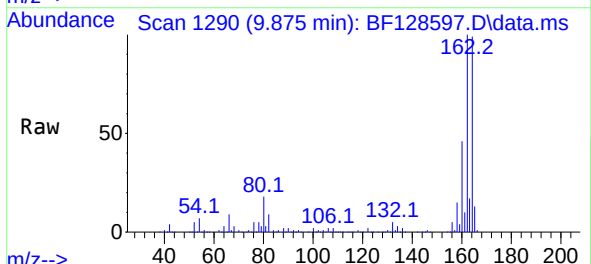
Tgt Ion: 82 Resp: 598280
Ion Ratio Lower Upper
82 100
128 38.9 34.0 51.0
54 59.9 46.9 70.3

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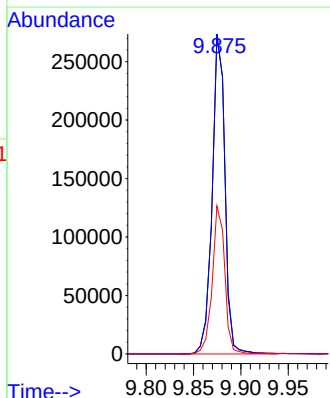
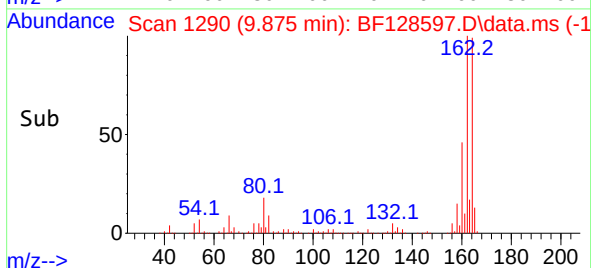
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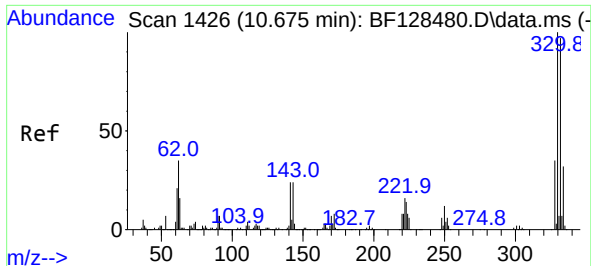


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.875 min Scan# 1290
Delta R.T. -0.006 min
Lab File: BF128597.D
Acq: 31 May 2022 16:19



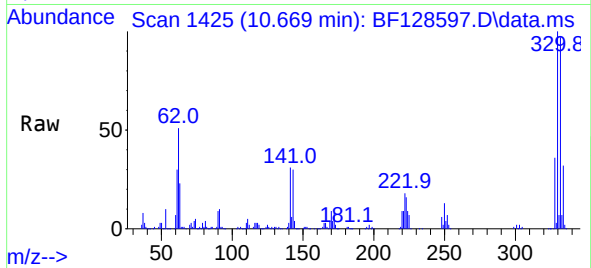
Tgt Ion:164 Resp: 254567
Ion Ratio Lower Upper
164 100
162 100.9 79.5 119.3
160 46.7 34.2 51.4





#42
2,4,6-Tribromophenol
Concen: 110.229 ng
RT: 10.669 min Scan# 1426
Delta R.T. -0.006 min
Lab File: BF128597.D
Acq: 31 May 2022 16:19

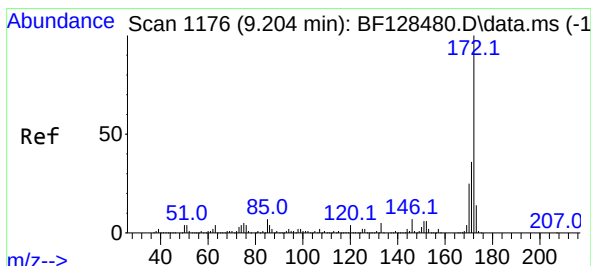
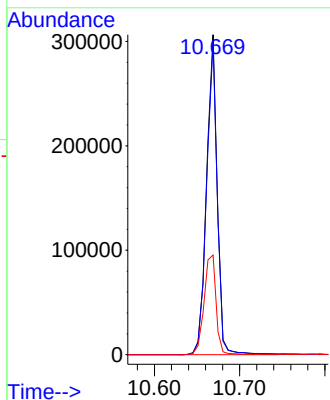
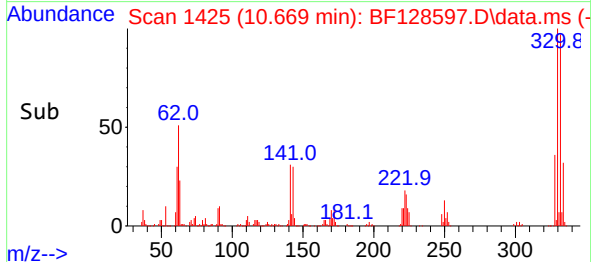
Instrument :
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ClientSampleId :
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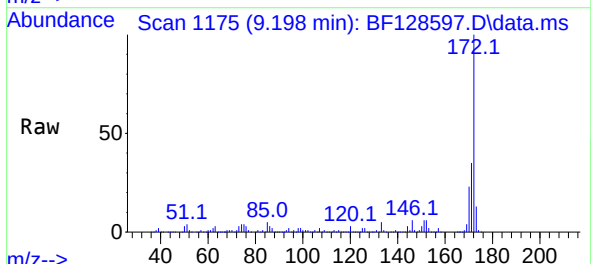
Tgt Ion:330 Resp: 267089
Ion Ratio Lower Upper
330 100
332 97.7 76.8 115.2
141 35.3 28.0 42.0

Manual Integrations
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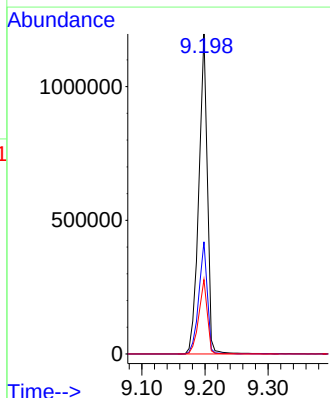
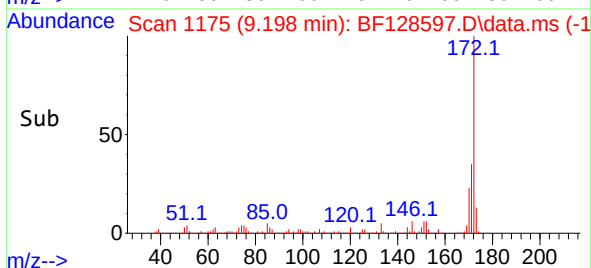
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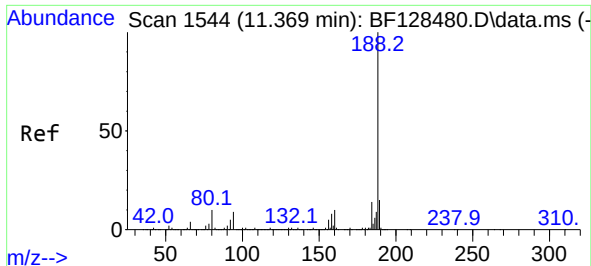


#45
2-Fluorobiphenyl
Concen: 71.973 ng
RT: 9.198 min Scan# 1175
Delta R.T. -0.006 min
Lab File: BF128597.D
Acq: 31 May 2022 16:19



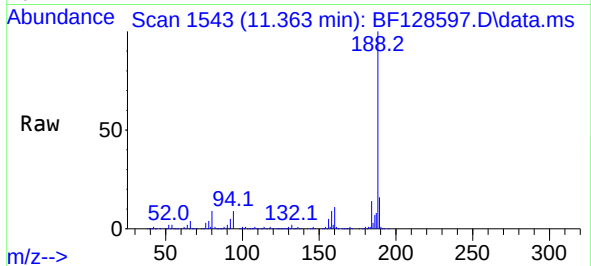
Tgt Ion:172 Resp: 1127755
Ion Ratio Lower Upper
172 100
171 35.0 28.8 43.2
170 23.3 19.8 29.8





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.363 min Scan# 1543
Delta R.T. -0.006 min
Lab File: BF128597.D
Acq: 31 May 2022 16:19

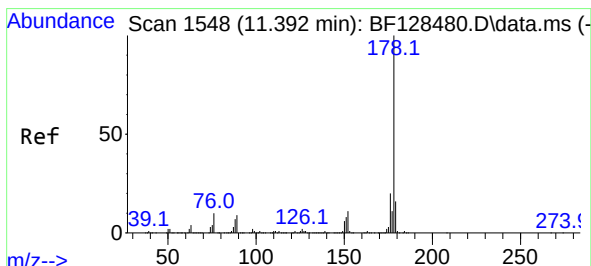
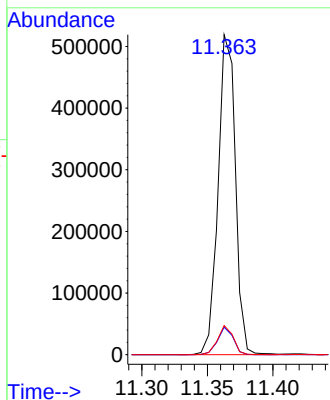
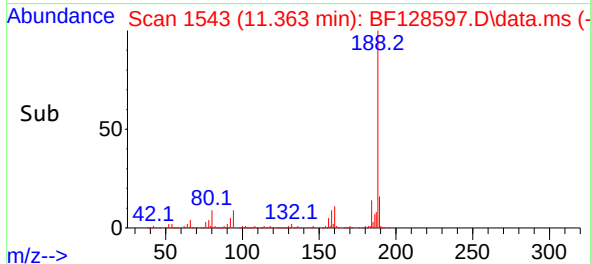
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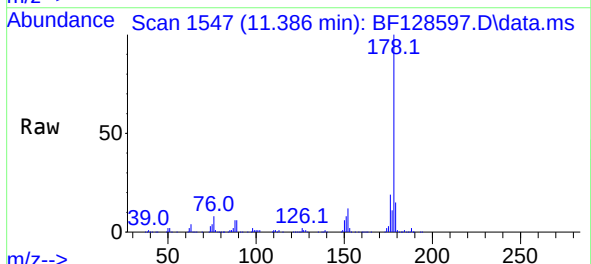
Tgt Ion:188 Resp: 47542
Ion Ratio Lower Upper
188 100
94 8.6 7.0 10.6
80 9.1 7.6 11.4

Manual Integrations
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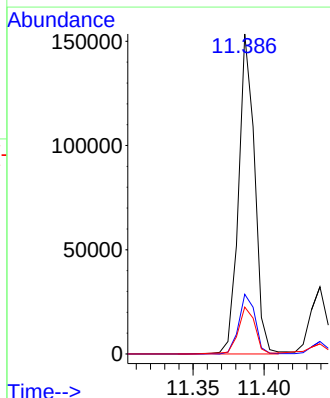
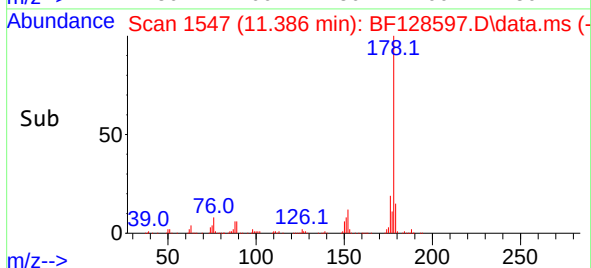
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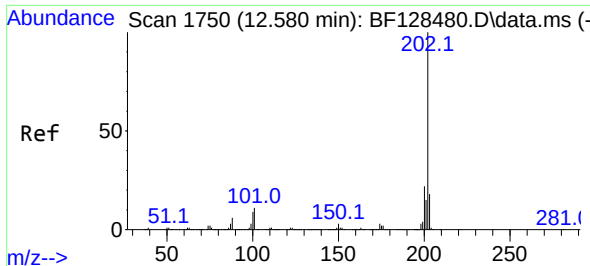


#71
Phenanthrene
Concen: 5.368 ng
RT: 11.386 min Scan# 1547
Delta R.T. -0.006 min
Lab File: BF128597.D
Acq: 31 May 2022 16:19



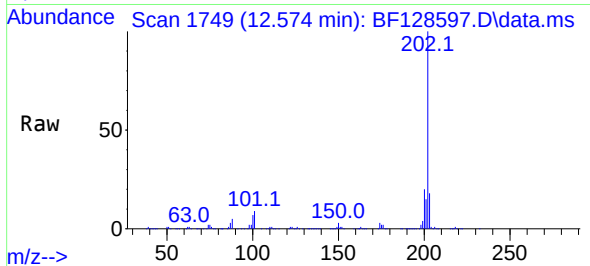
Tgt Ion:178 Resp: 120905
Ion Ratio Lower Upper
178 100
176 18.7 16.0 24.0
179 14.6 12.6 19.0





#75
Fluoranthene
Concen: 8.233 ng
RT: 12.574 min Scan# 1749
Delta R.T. -0.006 min
Lab File: BF128597.D
Acq: 31 May 2022 16:19

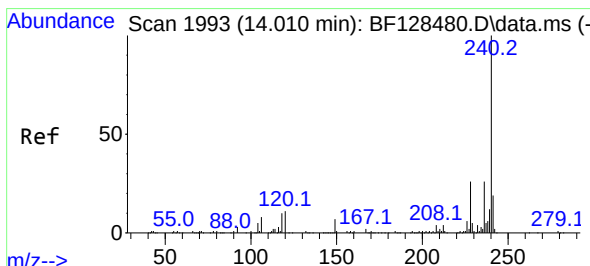
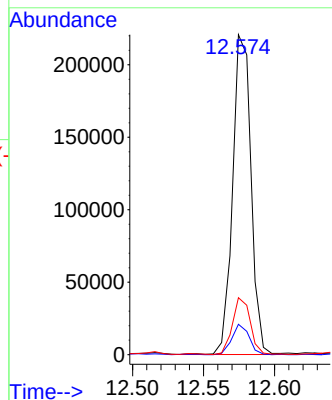
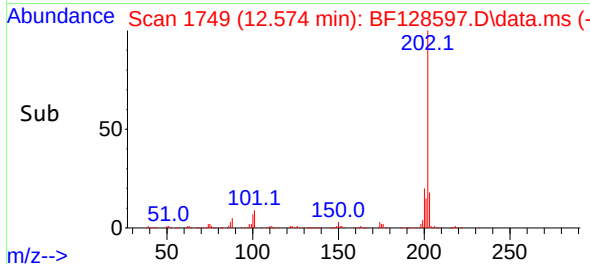
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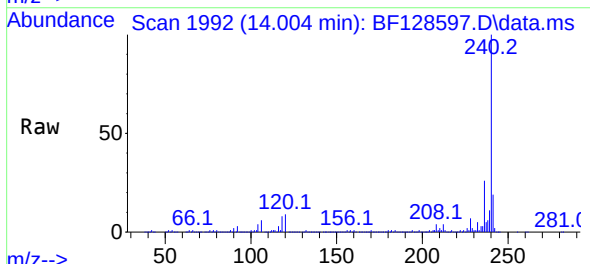
Tgt Ion:202 Resp: 198233
Ion Ratio Lower Upper
202 100
101 9.5 0.0 31.4
203 17.8 0.0 38.0

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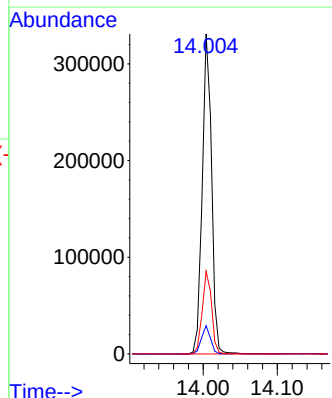
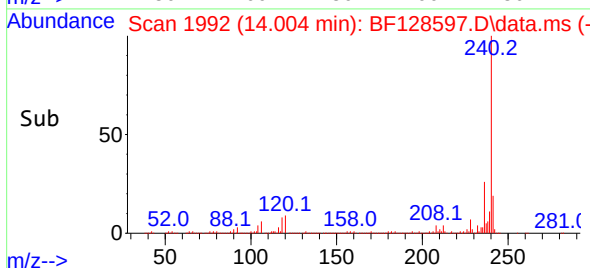
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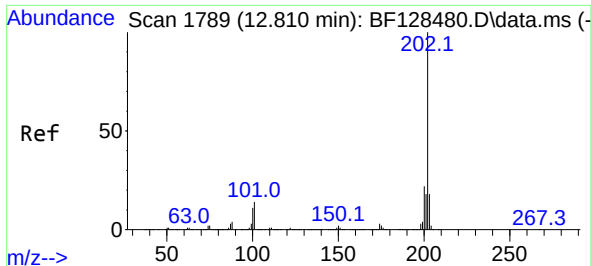


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.004 min Scan# 1992
Delta R.T. -0.006 min
Lab File: BF128597.D
Acq: 31 May 2022 16:19



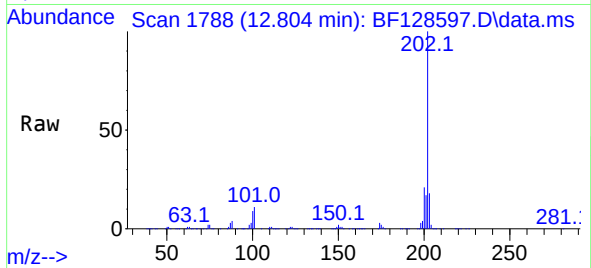
Tgt Ion:240 Resp: 289508
Ion Ratio Lower Upper
240 100
120 8.9 8.9 13.3#
236 25.8 20.8 31.2





#78
Pyrene
Concen: 10.851 ng
RT: 12.804 min Scan# 1789
Delta R.T. -0.006 min
Lab File: BF128597.D
Acq: 31 May 2022 16:19

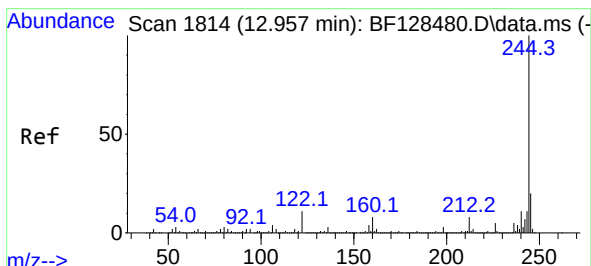
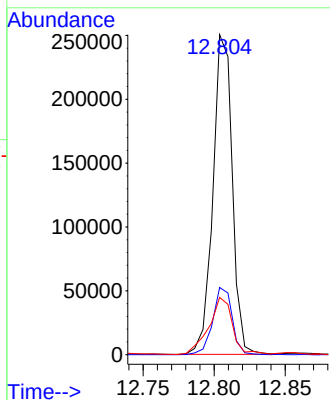
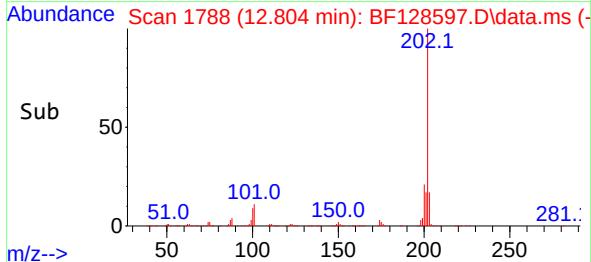
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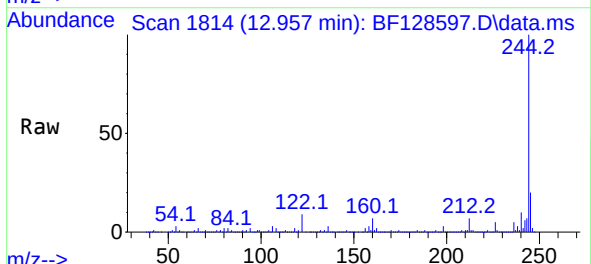
Tgt Ion:202 Resp: 236673
Ion Ratio Lower Upper
202 100
200 21.0 17.7 26.5
203 17.9 14.6 21.8

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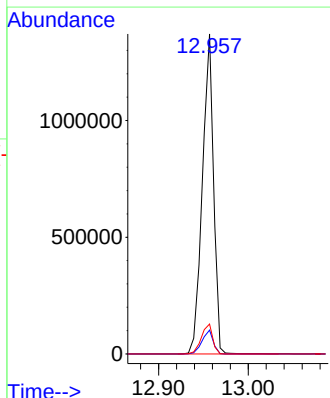
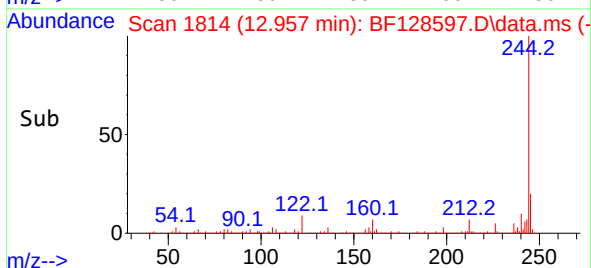
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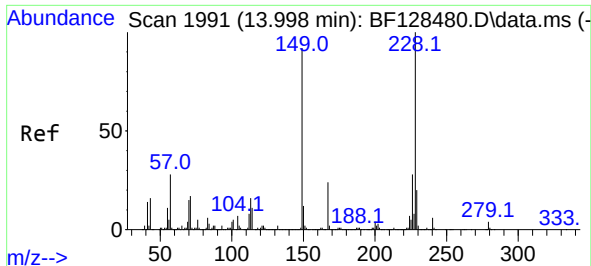


#79
Terphenyl-d14
Concen: 79.178 ng
RT: 12.957 min Scan# 1814
Delta R.T. -0.000 min
Lab File: BF128597.D
Acq: 31 May 2022 16:19



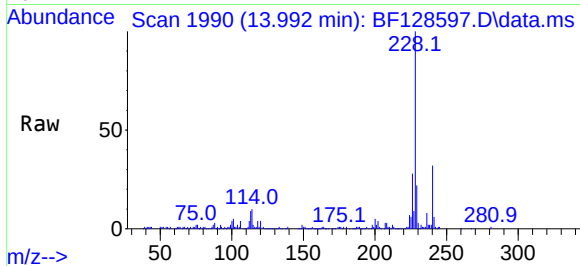
Tgt Ion:244 Resp: 1186495
Ion Ratio Lower Upper
244 100
212 7.4 6.1 9.1
122 9.3 8.8 13.2





#81
Benzo(a)anthracene
Concen: 4.764 ng
RT: 13.992 min Scan# 1991
Delta R.T. -0.006 min
Lab File: BF128597.D
Acq: 31 May 2022 16:19

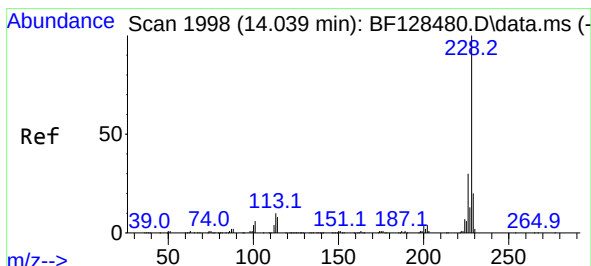
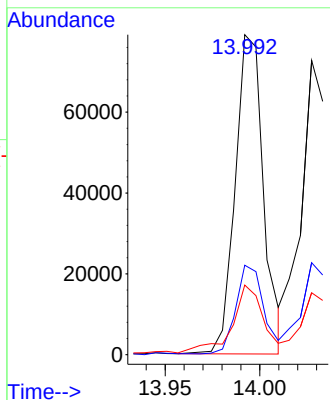
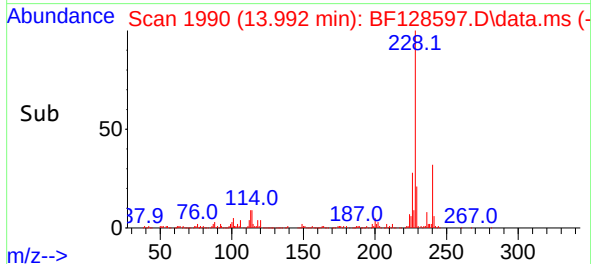
Instrument :
BNA_F
ClientSampleId :
WC-6



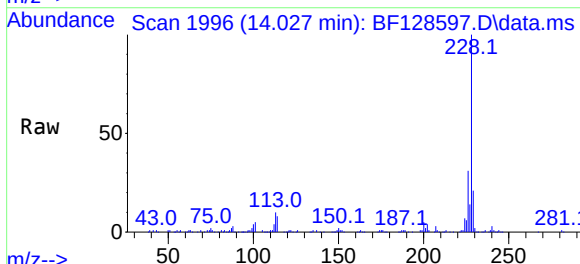
Tgt Ion:228 Resp: 81970
Ion Ratio Lower Upper
228 100
226 28.0 22.1 33.1
229 21.8 15.8 23.8

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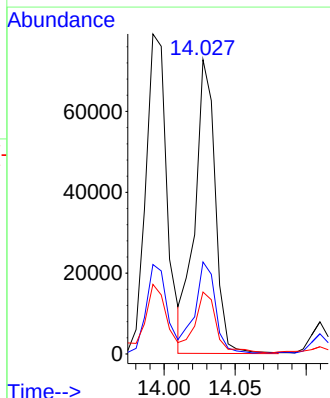
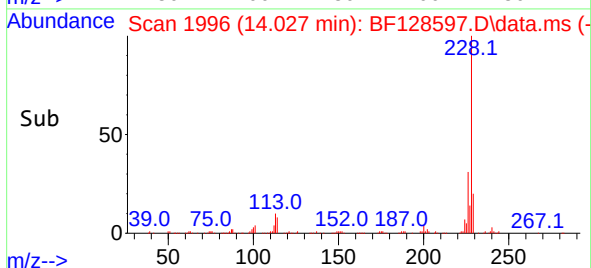
Reviewed By :Christian Giraldo 06/01/2022
Supervised By :Jagrut Upadhyay 06/01/2022

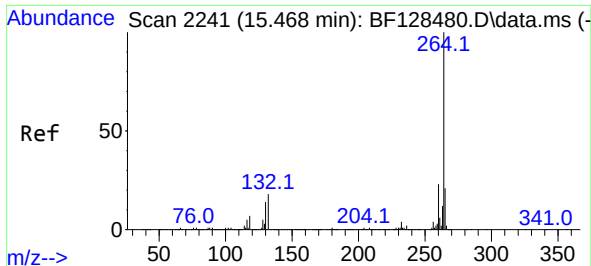


#83
Chrysene
Concen: 4.116 ng
RT: 14.027 min Scan# 1996
Delta R.T. -0.012 min
Lab File: BF128597.D
Acq: 31 May 2022 16:19



Tgt Ion:228 Resp: 72529
Ion Ratio Lower Upper
228 100
226 31.3 24.3 36.5
229 21.0 15.9 23.9





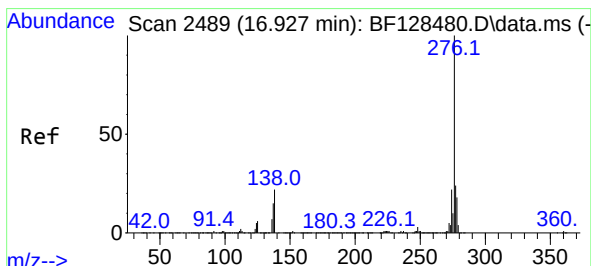
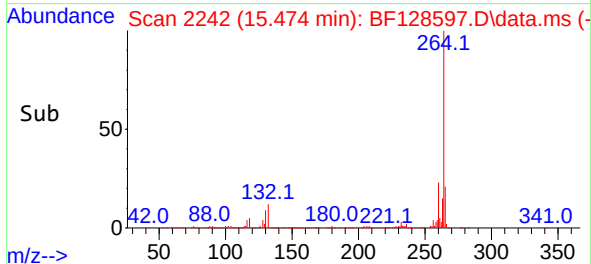
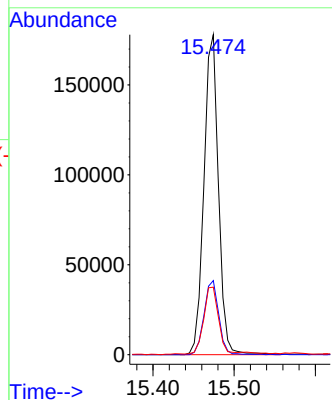
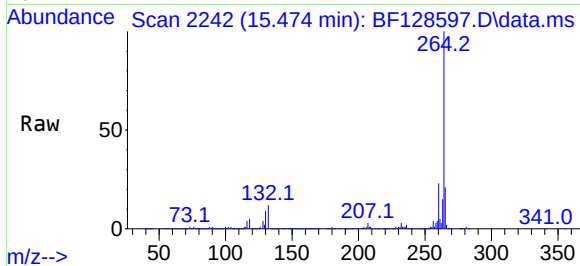
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.474 min Scan# 2241
Delta R.T. 0.006 min
Lab File: BF128597.D
Acq: 31 May 2022 16:19

Instrument :
BNA_F
ClientSampleId :
WC-6

Tgt Ion:264 Resp: 220529
Ion Ratio Lower Upper
264 100
260 23.1 18.4 27.6
265 21.1 17.2 25.8

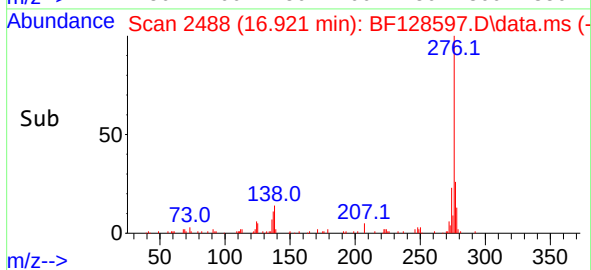
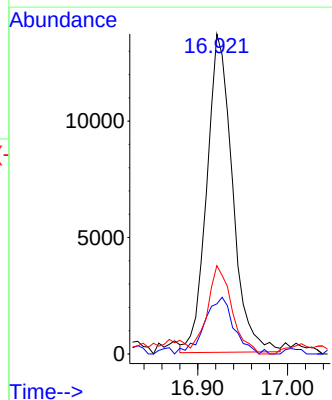
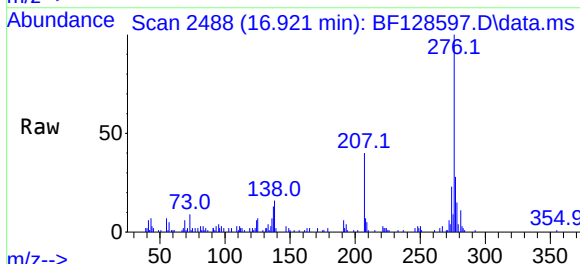
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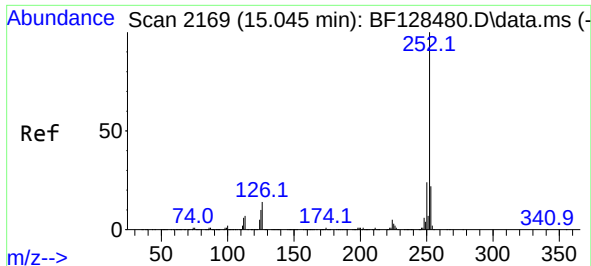
Reviewed By :Christian Giraldo 06/01/2022
Supervised By :Jagrut Upadhyay 06/01/2022



#87
Indeno(1,2,3-cd)pyrene
Concen: 2.094 ng
RT: 16.921 min Scan# 2488
Delta R.T. -0.006 min
Lab File: BF128597.D
Acq: 31 May 2022 16:19

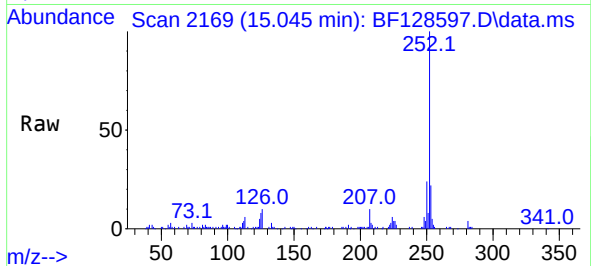
Tgt Ion:276 Resp: 27232
Ion Ratio Lower Upper
276 100
138 20.3 21.1 31.7#
277 26.2 20.3 30.5





#88
Benzo(b)fluoranthene
Concen: 4.220 ng m
RT: 15.045 min Scan# 2169
Delta R.T. -0.000 min
Lab File: BF128597.D
Acq: 31 May 2022 16:19

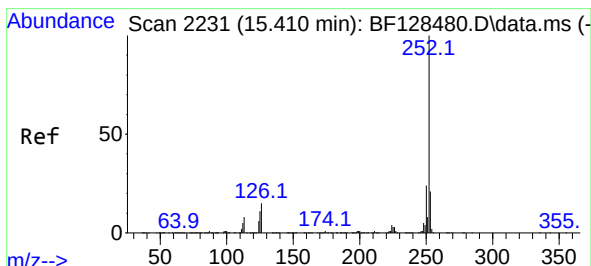
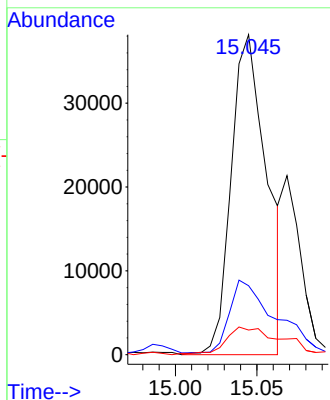
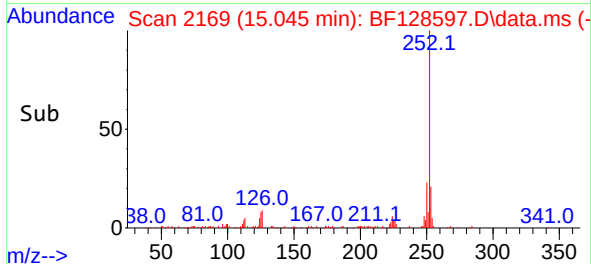
Instrument :
BNA_F
ClientSampleId :
WC-6



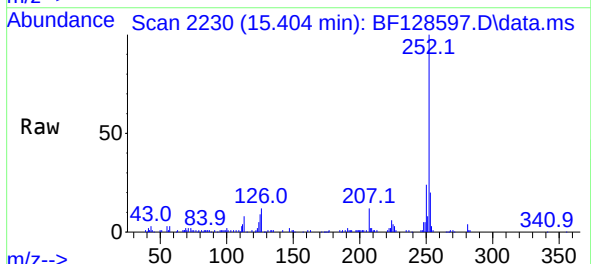
Tgt Ion:252 Resp: 5789
Ion Ratio Lower Upper
252 100
253 21.5 17.7 26.5
125 7.7 8.0 12.0

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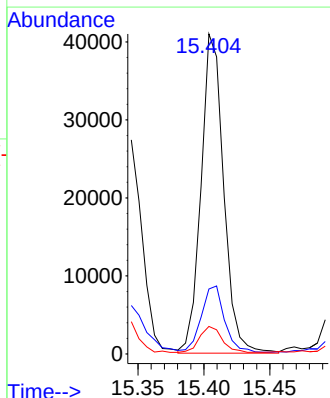
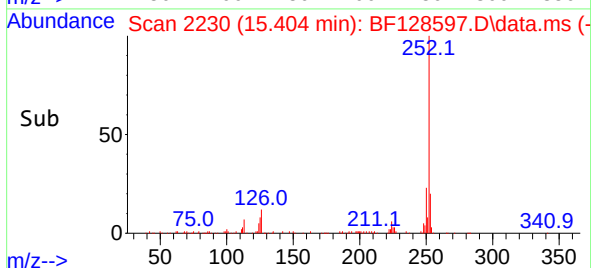
Reviewed By :Christian Giraldo 06/01/2022
Supervised By :Jagrut Upadhyay 06/01/2022

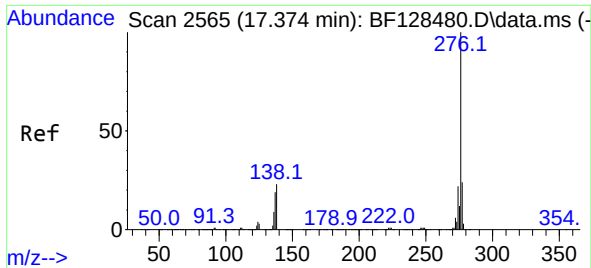


#90
Benzo(a)pyrene
Concen: 4.452 ng m
RT: 15.404 min Scan# 2230
Delta R.T. -0.006 min
Lab File: BF128597.D
Acq: 31 May 2022 16:19



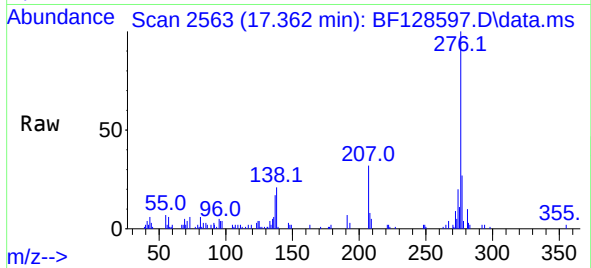
Tgt Ion:252 Resp: 48997
Ion Ratio Lower Upper
252 100
253 20.3 17.0 25.6
125 8.6 8.8 13.2





#92
 Benzo(g,h,i)perylene
 Concen: 2.771 ng
 RT: 17.362 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BF128597.D
 Acq: 31 May 2022 16:19

Instrument :
 BNA_F
 ClientSampleId :
 WC-6



Tgt Ion:	276	Resp:	2963
Ion Ratio	Lower	Upper	
276	100		
277	27.5	19.1	28.7
138	21.0	18.0	27.0

Manual Integrations
 APPROVED

Reviewed By :Christian Giraldo 06/01/2022
 Supervised By :Jagrut Upadhyay 06/01/2022

