

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030422\
 Data File : BF127211.D
 Acq On : 04 Mar 2022 20:07
 Operator : CG\JU
 Sample : N1726-06DL 2X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 332DL

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 03/07/2022
 Supervised By : Jagrut Upadhyay 03/07/2022

Quant Time: Mar 05 02:22:01 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Mar 05 02:16:58 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	100946	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	401910	20.000	ng	# 0.00
39) Acenaphthene-d10	9.916	164	198468	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	345770	20.000	ng	# 0.00
76) Chrysene-d12	14.057	240	205456	20.000	ng	# 0.00
86) Perylene-d12	15.545	264	194191	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	308173	47.184	ng	0.00
7) Phenol-d6	6.504	99	399620	45.344	ng	-0.01
23) Nitrobenzene-d5	7.439	82	266254	29.902	ng	-0.01
42) 2,4,6-Tribromophenol	10.710	330	113647	49.734	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	446290	33.104	ng	0.00
79) Terphenyl-d14	12.998	244	448850	32.115	ng	0.00
Target Compounds						Qvalue
58) Fluorene	10.469	166	37398	2.834	ng	97
71) Phenanthrene	11.433	178	231693	11.972	ng	99
74) Di-n-butylphthalate	11.968	149	960007	42.265	ng	99
75) Fluoranthene	12.627	202	232579	12.657	ng	94
78) Pyrene	12.857	202	194494	10.896	ng	100
81) Benzo(a)anthracene	14.045	228	67387	4.865	ng	99
83) Chrysene	14.080	228	60154	4.618	ng	95
87) Indeno(1,2,3-cd)pyrene	17.045	276	29932	2.351	ng	# 84
88) Benzo(b)fluoranthene	15.104	252	66462m	5.096	ng	
89) Benzo(k)fluoranthene	15.133	252	26064m	2.072	ng	
90) Benzo(a)pyrene	15.480	252	47410m	4.654	ng	
92) Benzo(g,h,i)perylene	17.503	276	29670	2.858	ng	# 88

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

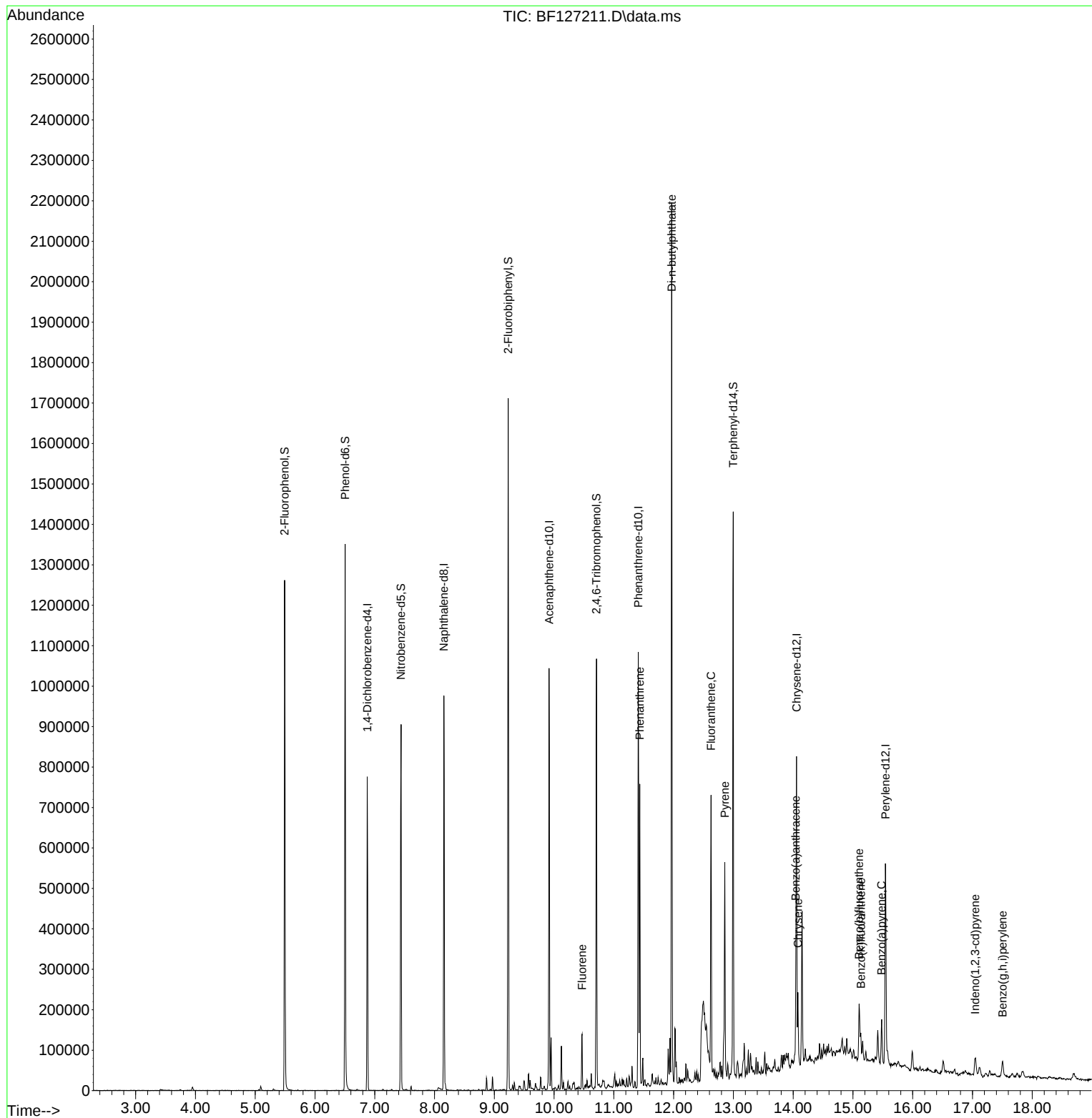
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030422\
Data File : BF127211.D
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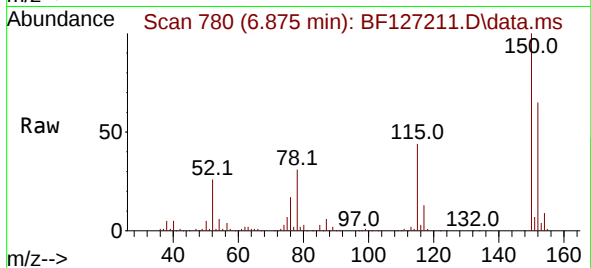
Reviewed By :Christian Giraldo 03/07/2022
Supervised By :Jagrut Upadhyay 03/07/2022





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF127211.D
Acq: 04 Mar 2022 20:07

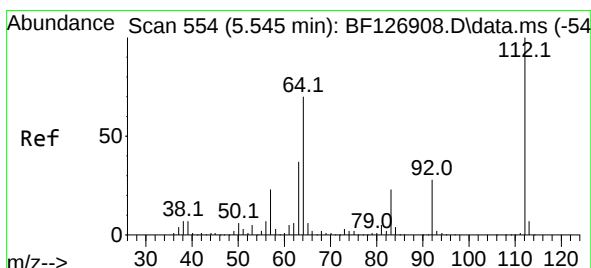
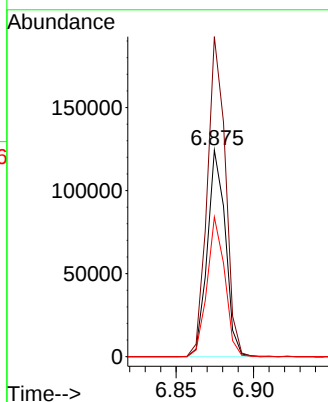
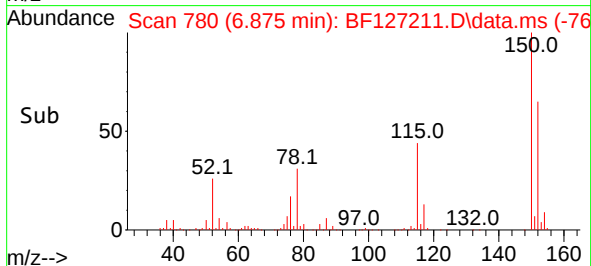
Instrument :
BNA_F
ClientSampleId :
332DL



Tgt Ion:152 Resp: 100940
Ion Ratio Lower Upper
152 100
150 154.9 128.1 192.1
115 67.6 56.7 85.1

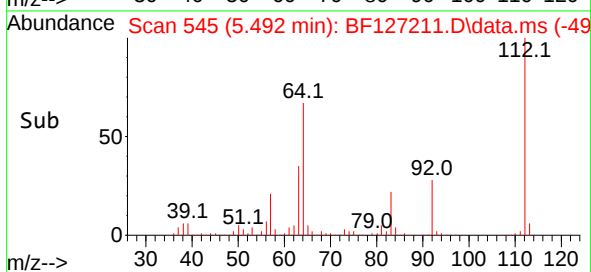
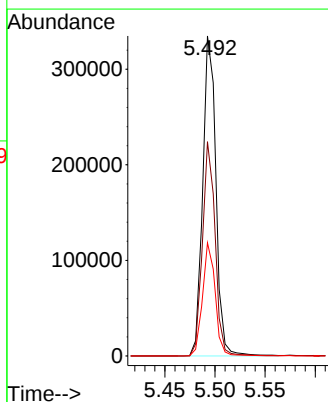
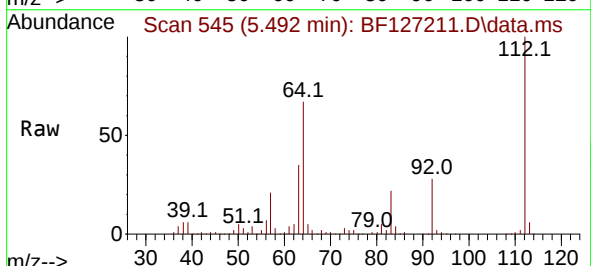
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#5
2-Fluorophenol
Concen: 47.184 ng
RT: 5.492 min Scan# 545
Delta R.T. -0.006 min
Lab File: BF127211.D
Acq: 04 Mar 2022 20:07

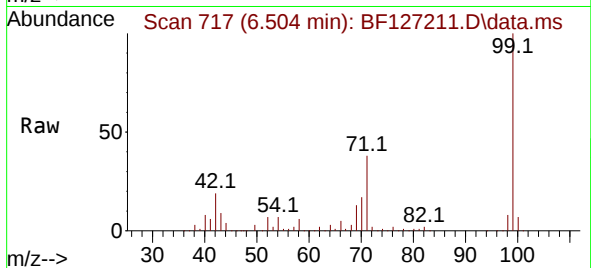
Tgt Ion:112 Resp: 308173
Ion Ratio Lower Upper
112 100
64 66.9 49.5 74.3
63 35.4 23.9 35.9





#7
Phenol-d6
Concen: 45.344 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF127211.D
Acq: 04 Mar 2022 20:07

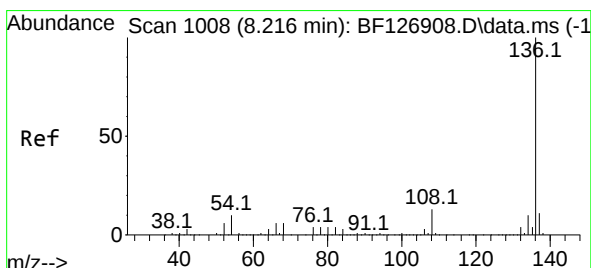
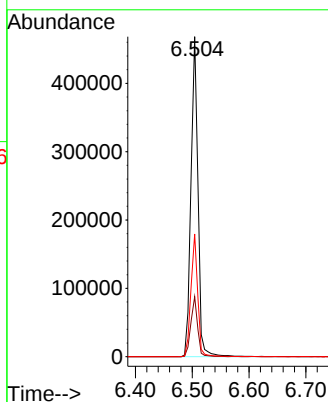
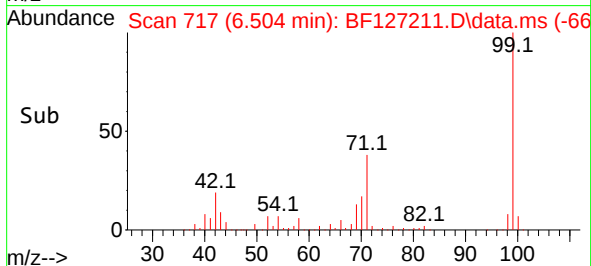
Instrument :
BNA_F
ClientSampleId :
332DL



Tgt Ion: 99 Resp: 399620
Ion Ratio Lower Upper
99 100
42 18.8 14.2 21.4
71 38.4 24.3 36.5

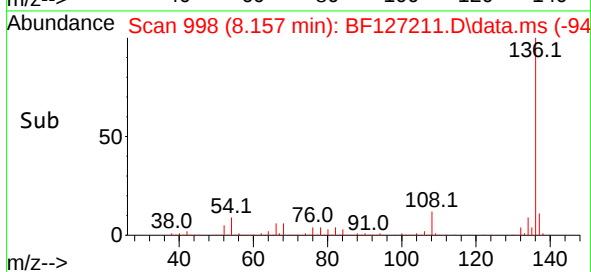
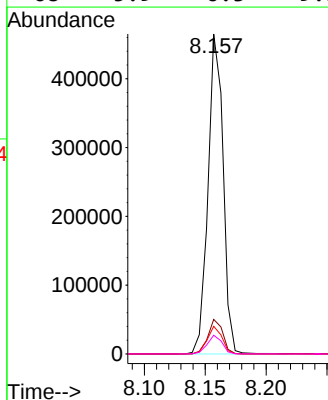
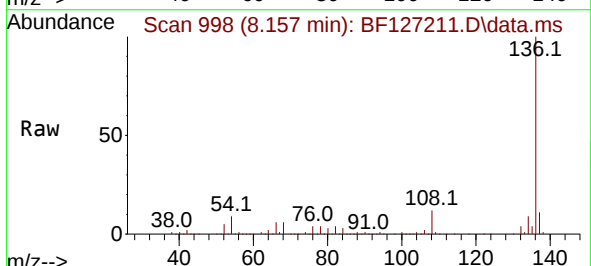
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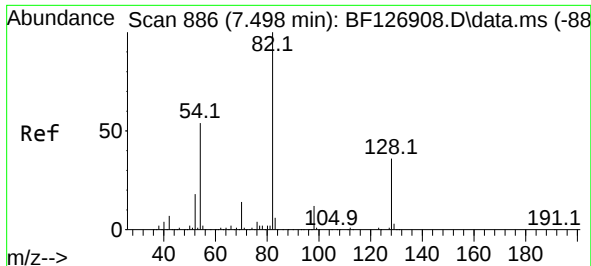
Reviewed By :Christian Giraldo 03/07/2022
Supervised By :Jagrut Upadhyay 03/07/2022



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 998
Delta R.T. -0.006 min
Lab File: BF127211.D
Acq: 04 Mar 2022 20:07

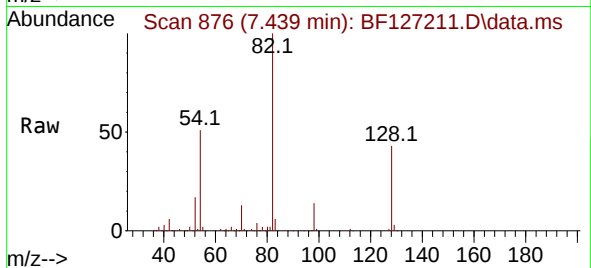
Tgt Ion:136 Resp: 401910
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 8.6 7.8 11.6
68 5.9 6.3 9.5





#23
Nitrobenzene-d5
Concen: 29.902 ng
RT: 7.439 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF127211.D
Acq: 04 Mar 2022 20:07

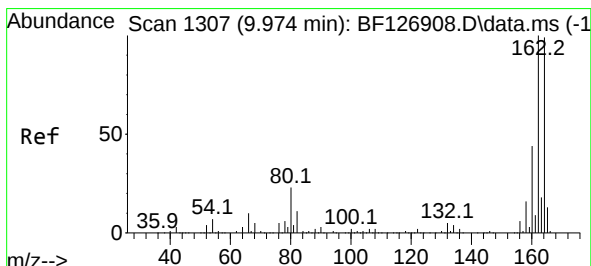
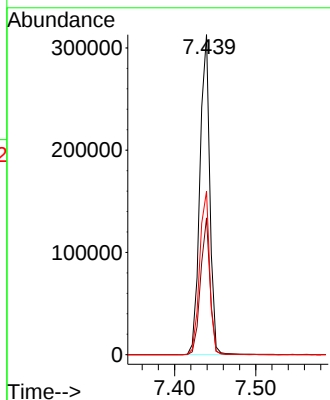
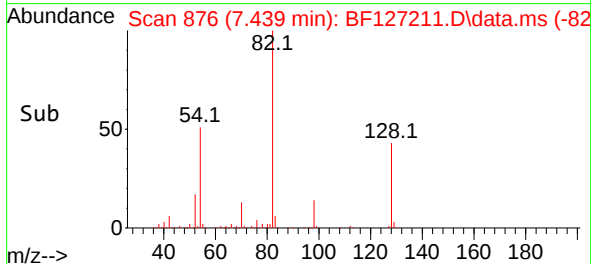
Instrument :
BNA_F
ClientSampleId :
332DL



Tgt Ion: 82 Resp: 266254
Ion Ratio Lower Upper
82 100
128 42.7 32.7 49.1
54 51.1 41.7 62.5

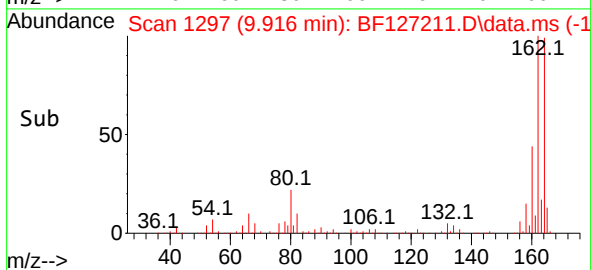
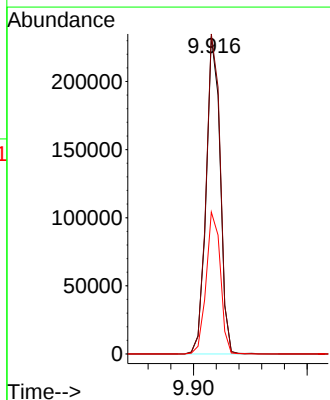
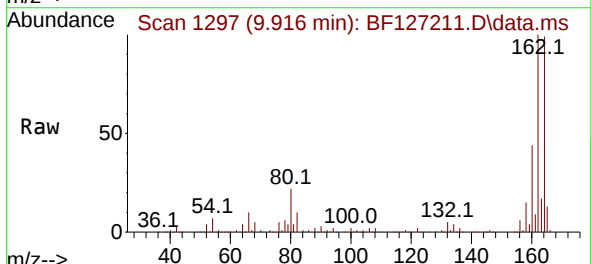
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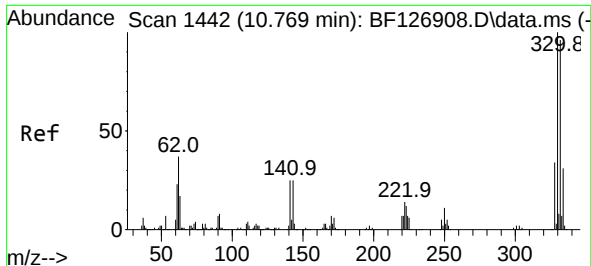
Reviewed By :Christian Giraldo 03/07/2022
Supervised By :Jagrut Upadhyay 03/07/2022



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.916 min Scan# 1297
Delta R.T. -0.006 min
Lab File: BF127211.D
Acq: 04 Mar 2022 20:07

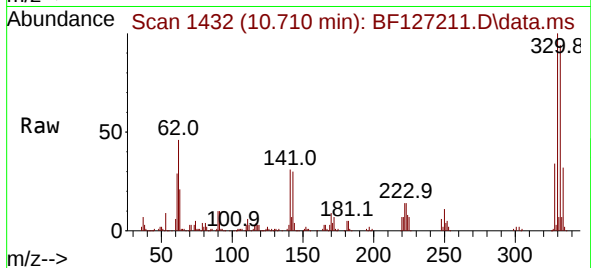
Tgt Ion:164 Resp: 198468
Ion Ratio Lower Upper
164 100
162 100.8 81.4 122.0
160 44.7 36.6 54.8





#42
2,4,6-Tribromophenol
Concen: 49.734 ng
RT: 10.710 min Scan# 1442
Delta R.T. -0.006 min
Lab File: BF127211.D
Acq: 04 Mar 2022 20:07

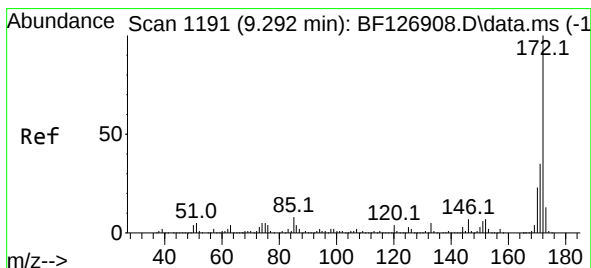
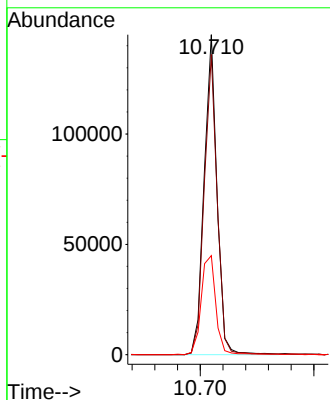
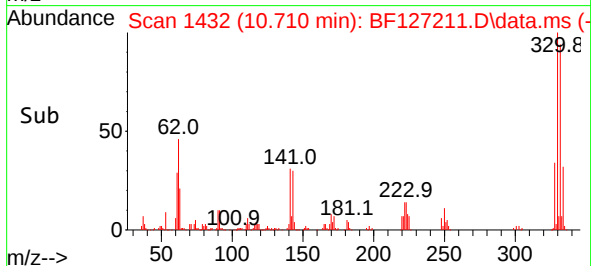
Instrument :
BNA_F
Client Sample Id :
332DL



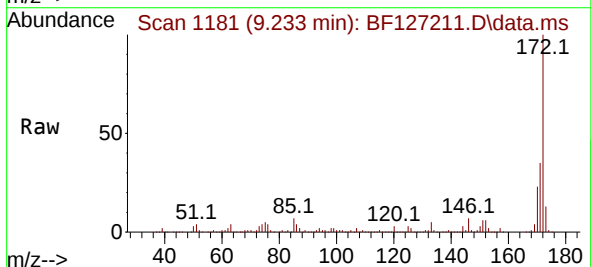
Tgt Ion: 330 Resp: 11364
Ion Ratio Lower Upper
330 100
332 94.8 76.0 114.0
141 35.6 30.1 45.1

Manual Integrations
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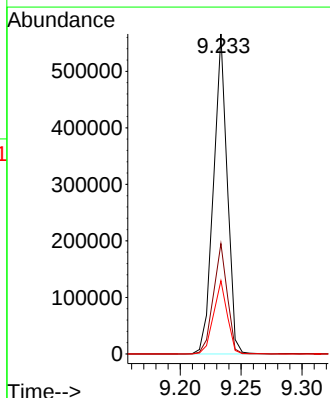
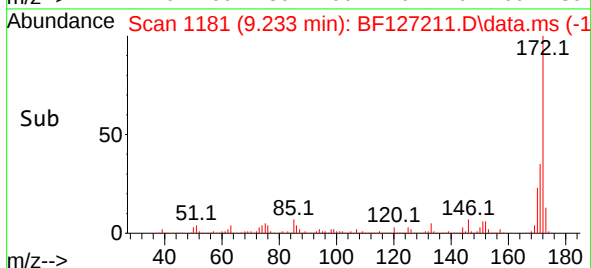
Reviewed By : Christian Giraldo 03/07/2022
Supervised By : Jagrut Upadhyay 03/07/2022

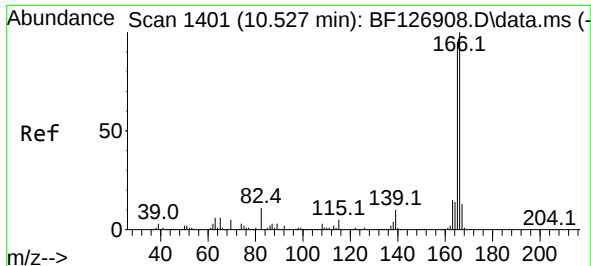


#45
2-Fluorobiphenyl
Concen: 33.104 ng
RT: 9.233 min Scan# 1181
Delta R.T. -0.006 min
Lab File: BF127211.D
Acq: 04 Mar 2022 20:07



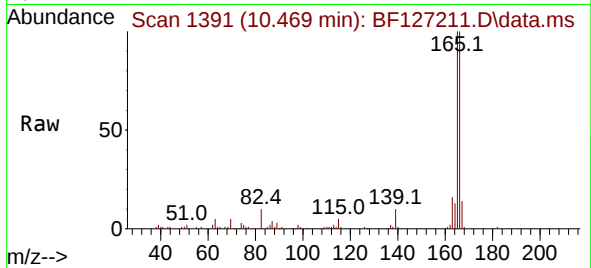
Tgt Ion: 172 Resp: 446290
Ion Ratio Lower Upper
172 100
171 34.5 28.3 42.5
170 22.9 19.0 28.6





#58
Fluorene
Concen: 2.834 ng
RT: 10.469 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF127211.D
Acq: 04 Mar 2022 20:07

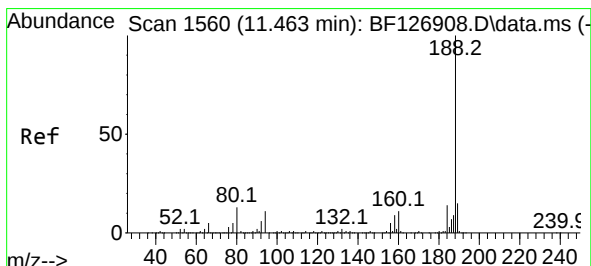
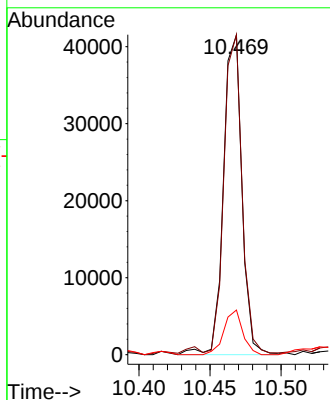
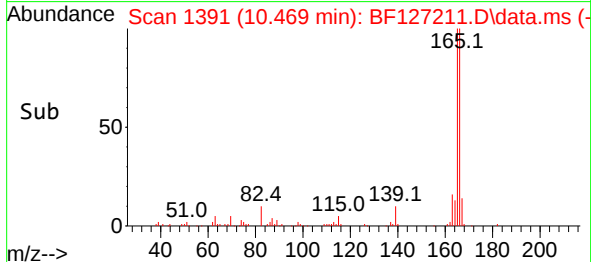
Instrument :
BNA_F
ClientSampleId :
332DL



Tgt Ion:166 Resp: 37398
Ion Ratio Lower Upper
166 100
165 100.1 77.7 116.5
167 14.0 10.7 16.1

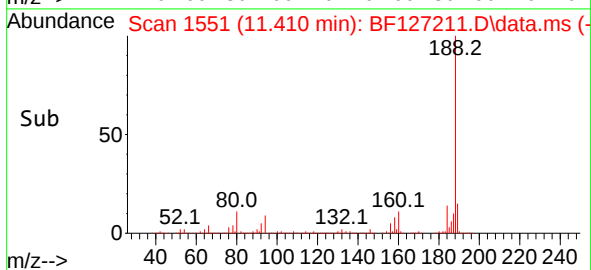
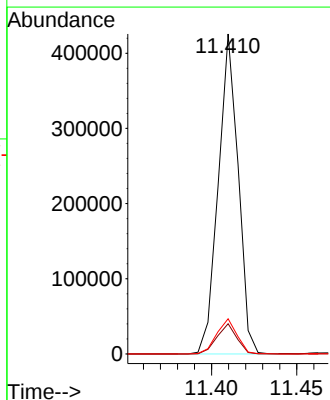
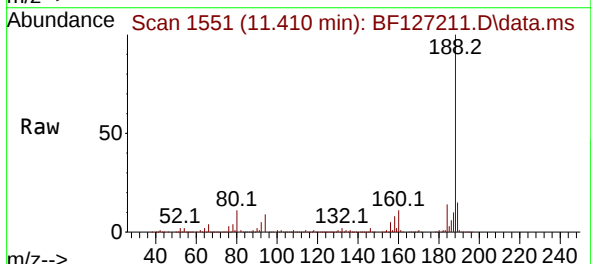
Manual Integrations
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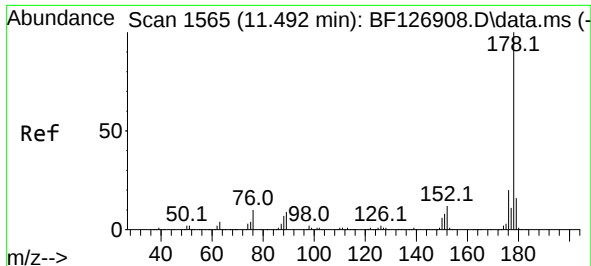
Reviewed By :Christian Giraldo 03/07/2022
Supervised By :Jagrut Upadhyay 03/07/2022



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 1551
Delta R.T. -0.006 min
Lab File: BF127211.D
Acq: 04 Mar 2022 20:07

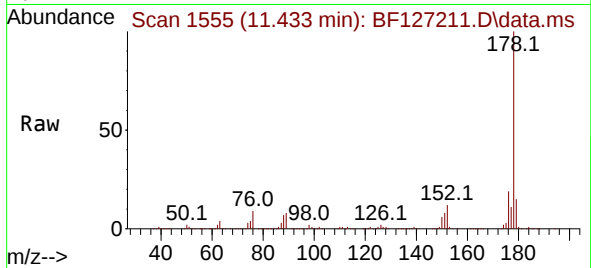
Tgt Ion:188 Resp: 345770
Ion Ratio Lower Upper
188 100
94 9.4 10.1 15.1#
80 11.0 11.8 17.6#





#71
Phenanthrene
Concen: 11.972 ng
RT: 11.433 min Scan# 1555
Delta R.T. -0.006 min
Lab File: BF127211.D
Acq: 04 Mar 2022 20:07

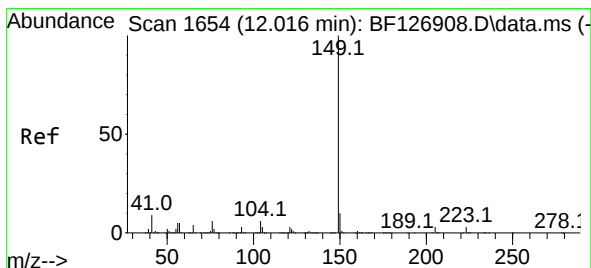
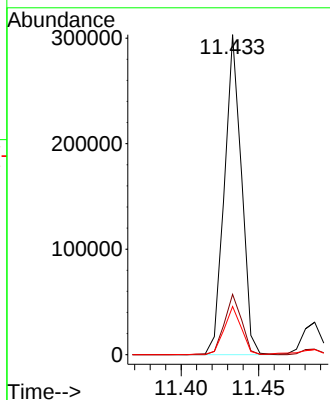
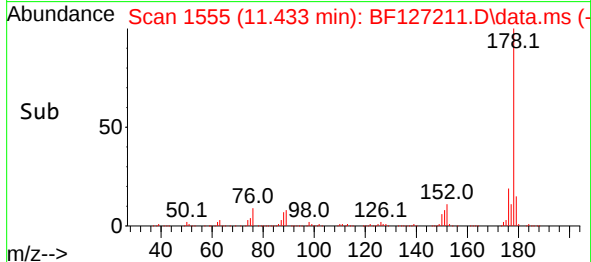
Instrument :
BNA_F
ClientSampleId :
332DL



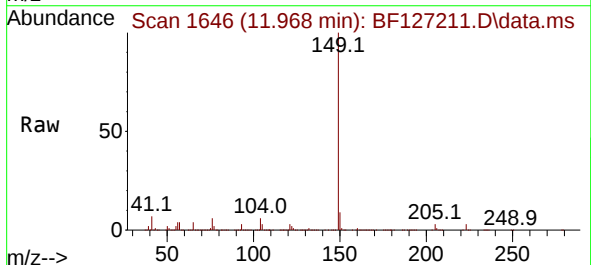
Tgt Ion:178 Resp: 23169
Ion Ratio Lower Upper
178 100
176 18.8 15.7 23.5
179 15.0 12.3 18.5

Manual Integrations
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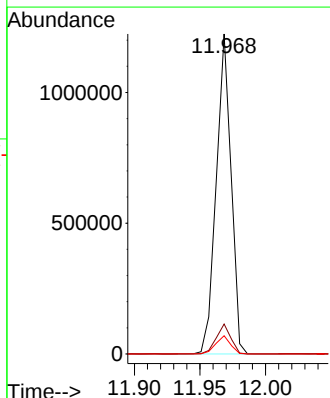
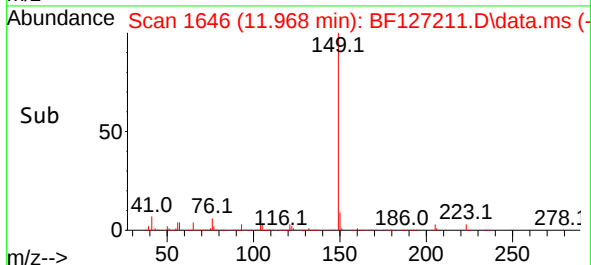
Reviewed By :Christian Giraldo 03/07/2022
Supervised By :Jagrut Upadhyay 03/07/2022

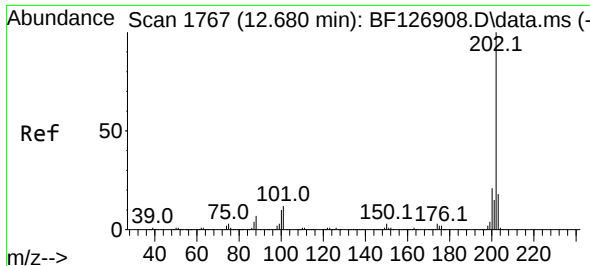


#74
Di-n-butylphthalate
Concen: 42.265 ng
RT: 11.968 min Scan# 1646
Delta R.T. -0.000 min
Lab File: BF127211.D
Acq: 04 Mar 2022 20:07



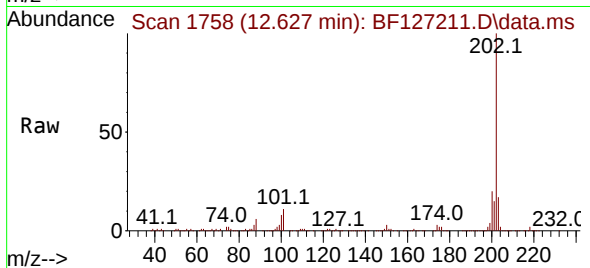
Tgt Ion:149 Resp: 960007
Ion Ratio Lower Upper
149 100
150 9.3 7.2 10.8
104 5.7 4.2 6.2





#75
Fluoranthene
Concen: 12.657 ng
RT: 12.627 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF127211.D
Acq: 04 Mar 2022 20:07

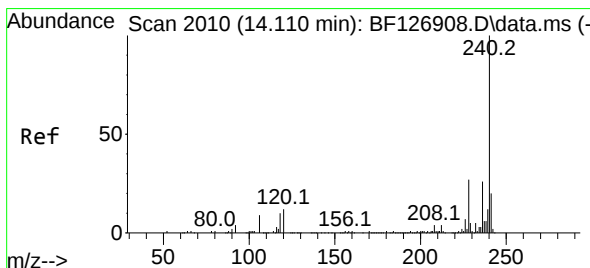
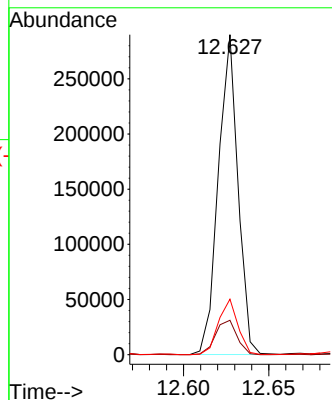
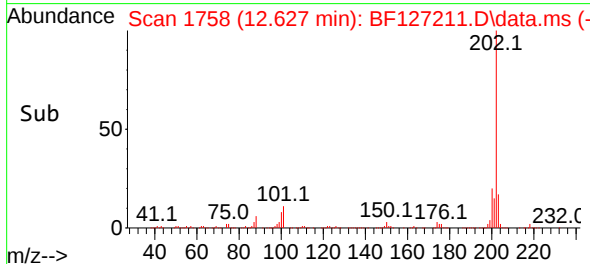
Instrument :
BNA_F
ClientSampleId :
332DL



Tgt Ion:202 Resp: 232579
Ion Ratio Lower Upper
202 100
101 10.7 0.0 35.7
203 17.4 0.0 37.1

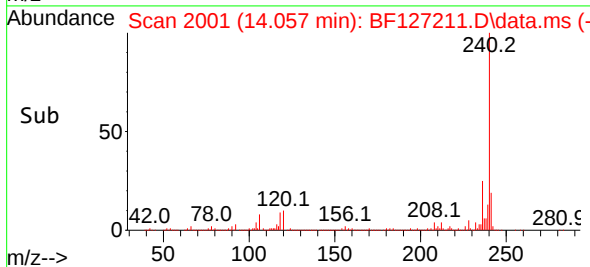
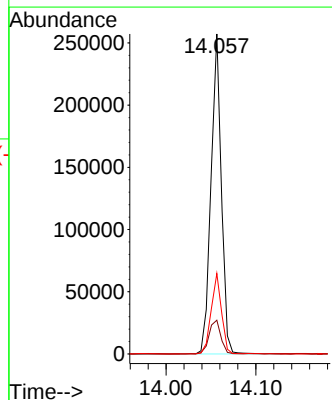
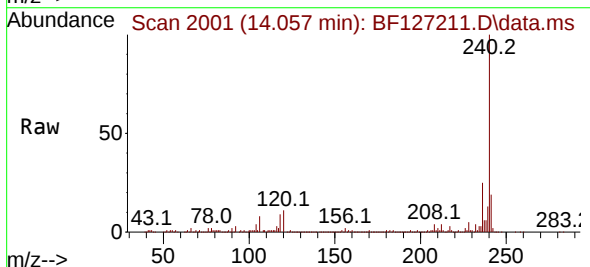
Manual Integrations
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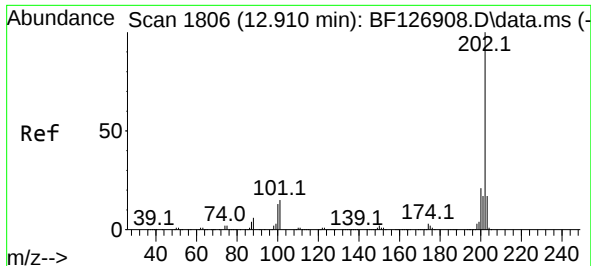
Reviewed By :Christian Giraldo 03/07/2022
Supervised By :Jagrut Upadhyay 03/07/2022



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2001
Delta R.T. -0.006 min
Lab File: BF127211.D
Acq: 04 Mar 2022 20:07

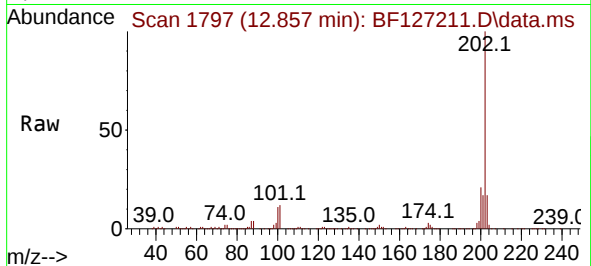
Tgt Ion:240 Resp: 205456
Ion Ratio Lower Upper
240 100
120 10.6 14.4 21.6#
236 25.2 20.5 30.7





#78
Pyrene
Concen: 10.896 ng
RT: 12.857 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF127211.D
Acq: 04 Mar 2022 20:07

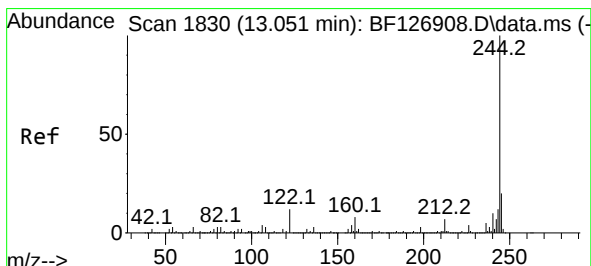
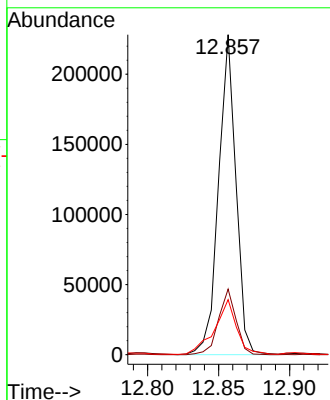
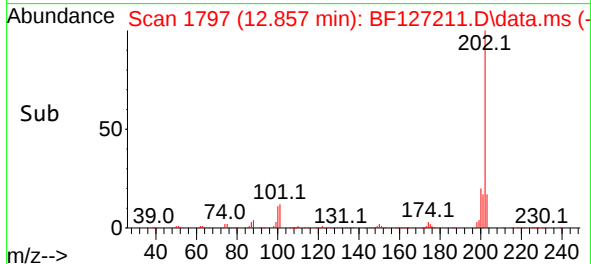
Instrument :
BNA_F
ClientSampleId :
332DL



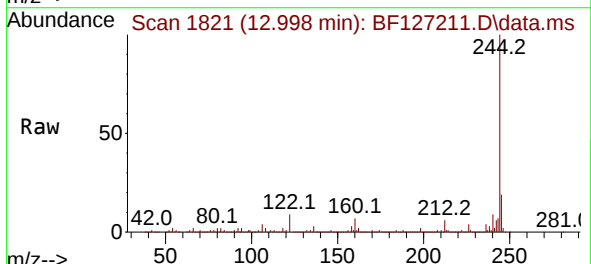
Tgt Ion:202 Resp: 194494
Ion Ratio Lower Upper
202 100
200 20.5 16.6 24.8
203 17.2 13.8 20.8

Manual Integrations
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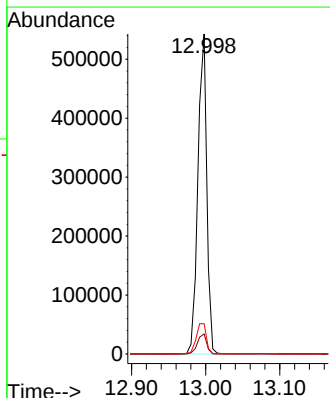
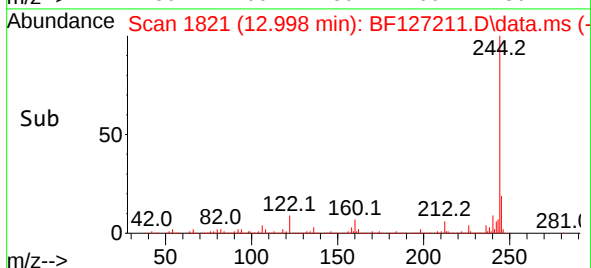
Reviewed By :Christian Giraldo 03/07/2022
Supervised By :Jagrut Upadhyay 03/07/2022

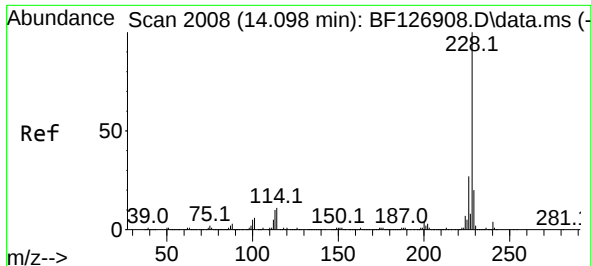


#79
Terphenyl-d14
Concen: 32.115 ng
RT: 12.998 min Scan# 1821
Delta R.T. -0.000 min
Lab File: BF127211.D
Acq: 04 Mar 2022 20:07



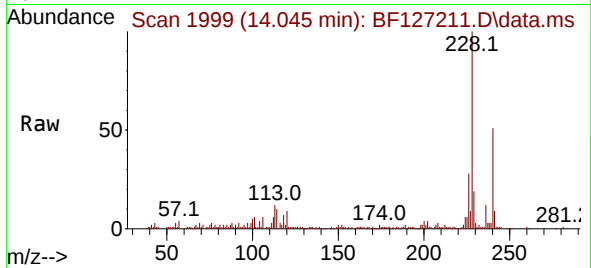
Tgt Ion:244 Resp: 448850
Ion Ratio Lower Upper
244 100
212 6.3 5.0 7.4
122 9.4 13.3 19.9#





#81
Benzo(a)anthracene
Concen: 4.865 ng
RT: 14.045 min Scan# 1999
Delta R.T. -0.006 min
Lab File: BF127211.D
Acq: 04 Mar 2022 20:07

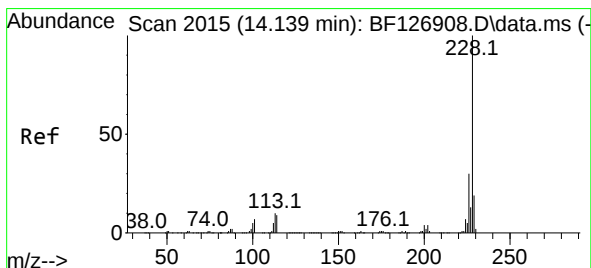
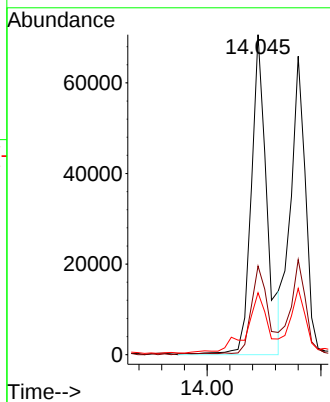
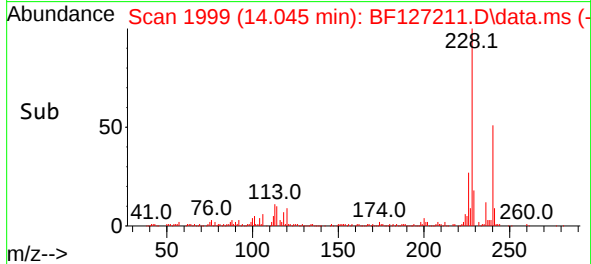
Instrument :
BNA_F
ClientSampleId :
332DL



Tgt Ion:228 Resp: 6738
Ion Ratio Lower Upper
228 100
226 27.7 21.4 32.0
229 19.3 15.4 23.2

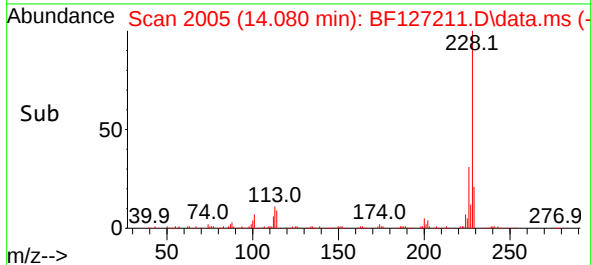
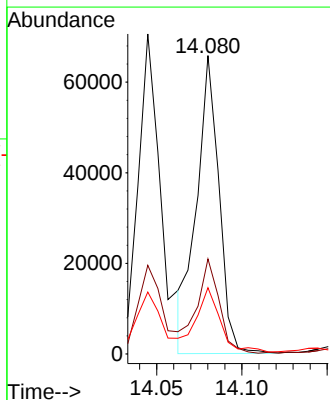
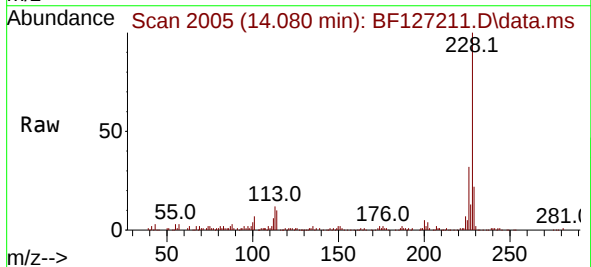
Manual Integrations
APPROVED

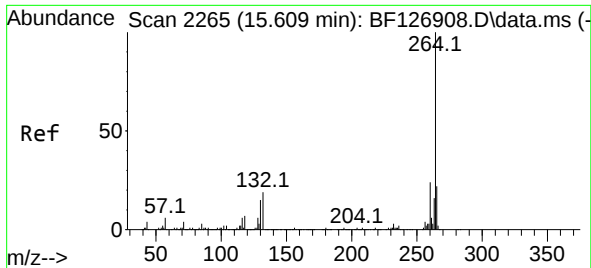
Reviewed By :Christian Giraldo 03/07/2022
Supervised By :Jagrut Upadhyay 03/07/2022



#83
Chrysene
Concen: 4.618 ng
RT: 14.080 min Scan# 2005
Delta R.T. -0.006 min
Lab File: BF127211.D
Acq: 04 Mar 2022 20:07

Tgt Ion:228 Resp: 60154
Ion Ratio Lower Upper
228 100
226 31.8 23.7 35.5
229 22.2 15.5 23.3





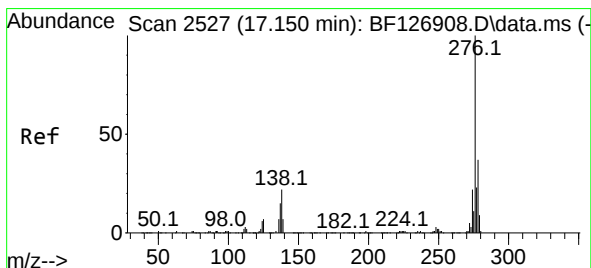
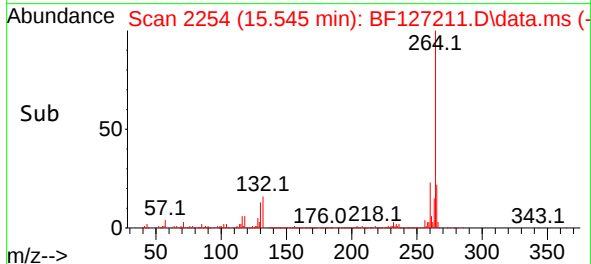
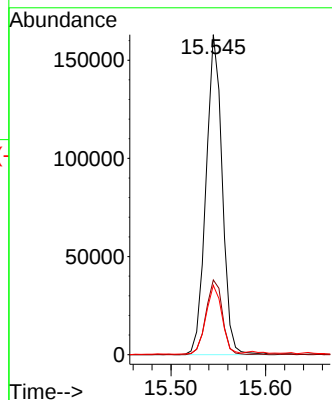
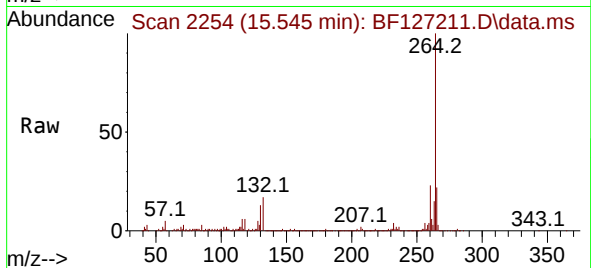
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.545 min Scan# 21
Delta R.T. -0.000 min
Lab File: BF127211.D
Acq: 04 Mar 2022 20:07

Instrument :
BNA_F
ClientSampleId :
332DL

Tgt Ion:264 Resp: 19419
Ion Ratio Lower Upper
264 100
260 23.3 19.2 28.8
265 21.6 17.4 26.2

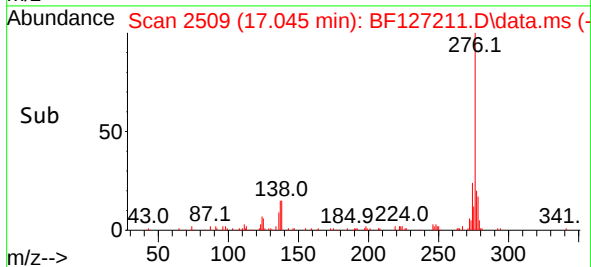
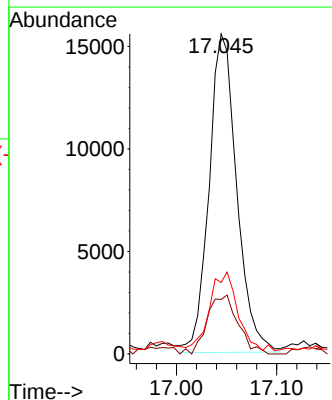
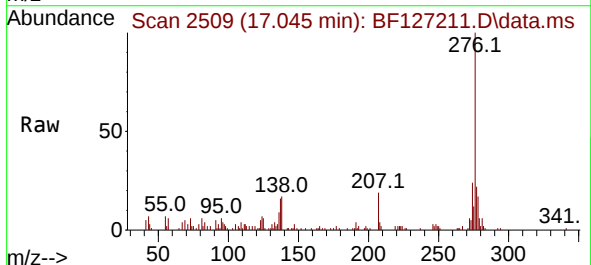
Manual Integrations
APPROVED

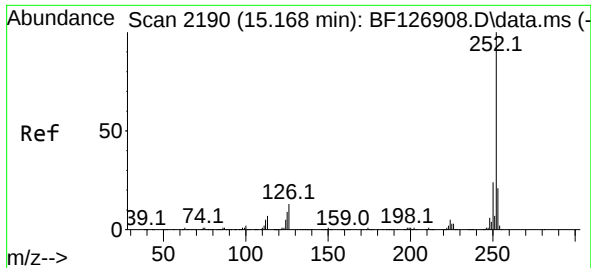
Reviewed By :Christian Giraldo 03/07/2022
Supervised By :Jagrut Upadhyay 03/07/2022



#87
Indeno(1,2,3-cd)pyrene
Concen: 2.351 ng
RT: 17.045 min Scan# 2509
Delta R.T. -0.012 min
Lab File: BF127211.D
Acq: 04 Mar 2022 20:07

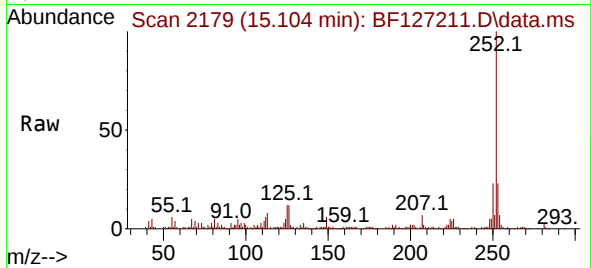
Tgt Ion:276 Resp: 29932
Ion Ratio Lower Upper
276 100
138 20.5 29.2 43.8#
277 24.7 19.8 29.8





#88
Benzo(b)fluoranthene
Concen: 5.096 ng m
RT: 15.104 min Scan# 2184
Delta R.T. -0.006 min
Lab File: BF127211.D
Acq: 04 Mar 2022 20:07

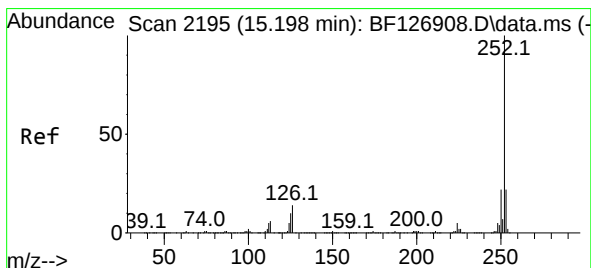
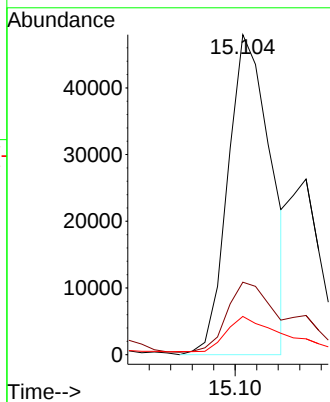
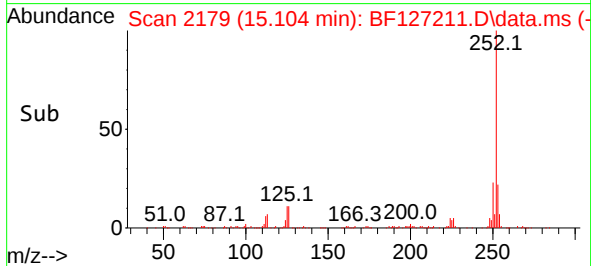
Instrument :
BNA_F
ClientSampleId :
332DL



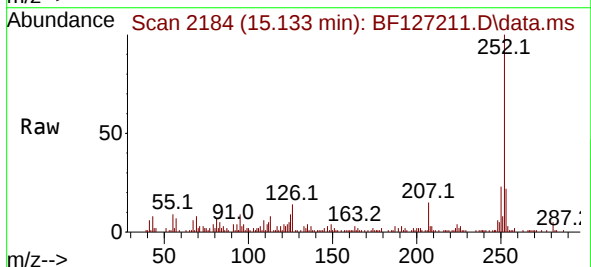
Tgt Ion:252 Resp: 66462
Ion Ratio Lower Upper
252 100
253 22.7 17.8 26.8
125 12.0 12.4 18.6

Manual Integrations
APPROVED

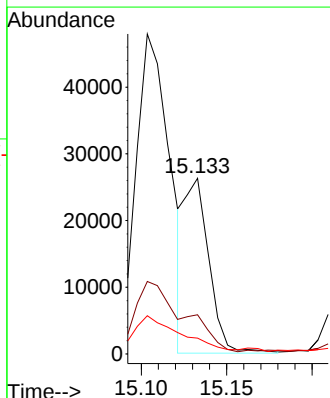
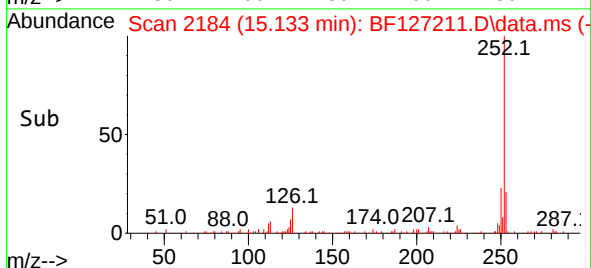
Reviewed By :Christian Giraldo 03/07/2022
Supervised By :Jagrut Upadhyay 03/07/2022

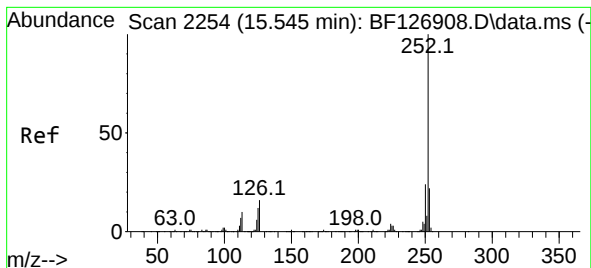


#89
Benzo(k)fluoranthene
Concen: 2.072 ng m
RT: 15.133 min Scan# 2184
Delta R.T. -0.006 min
Lab File: BF127211.D
Acq: 04 Mar 2022 20:07



Tgt Ion:252 Resp: 26064
Ion Ratio Lower Upper
252 100
253 22.3 17.5 26.3
125 9.0 11.8 17.6





#90

Benzo(a)pyrene

Concen: 4.654 ng m

RT: 15.480 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF127211.D

Acq: 04 Mar 2022 20:07

Instrument :

BNA_F

ClientSampleId :

332DL

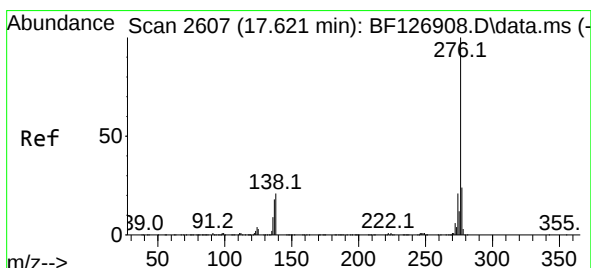
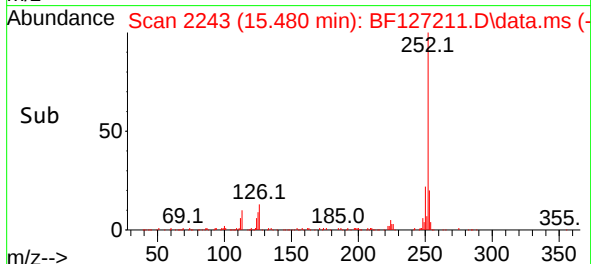
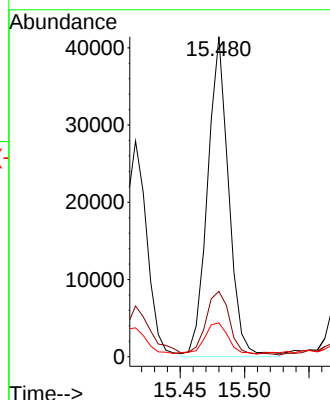
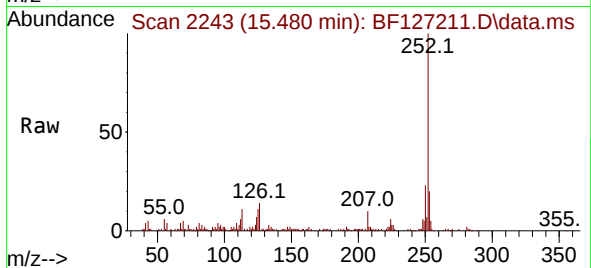
Tgt Ion:252 Resp: 47410
 Ion Ratio Lower Upper
 252 100
 253 20.4 17.1 25.7
 125 10.6 13.0 19.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 03/07/2022

Supervised By :Jagrut Upadhyay 03/07/2022



#92

Benzo(g,h,i)perylene

Concen: 2.858 ng

RT: 17.503 min Scan# 2587

Delta R.T. -0.018 min

Lab File: BF127211.D

Acq: 04 Mar 2022 20:07

Tgt Ion:276 Resp: 29670
 Ion Ratio Lower Upper
 276 100
 277 23.5 18.5 27.7
 138 21.6 25.9 38.9

