

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082522\
 Data File : BF130005.D
 Acq On : 25 Aug 2022 18:19
 Operator : CG\JU
 Sample : N4352-02
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 11985

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 08/26/2022
 Supervised By : Jagrut Upadhyay 08/26/2022

Quant Time: Aug 26 01:01:09 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 25 14:45:09 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.757	152	103899	20.000	ng	0.00
21) Naphthalene-d8	8.034	136	389201	20.000	ng	0.00
39) Acenaphthene-d10	9.786	164	179785	20.000	ng	0.00
64) Phenanthrene-d10	11.275	188	255478	20.000	ng	# 0.00
76) Chrysene-d12	13.927	240	249877	20.000	ng	0.00
86) Perylene-d12	15.374	264	259871	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.393	112	631351	100.610	ng	0.00
7) Phenol-d6	6.416	99	744934	94.795	ng	0.00
23) Nitrobenzene-d5	7.328	82	486852	66.963	ng	0.00
42) 2,4,6-Tribromophenol	10.586	330	146709	81.306	ng	0.00
45) 2-Fluorobiphenyl	9.110	172	802448	67.790	ng	0.00
79) Terphenyl-d14	12.863	244	644277	42.903	ng	0.00
Target Compounds						
						Qvalue
71) Phenanthrene	11.304	178	53310	3.736	ng	99
75) Fluoranthene	12.492	202	118794	8.136	ng	97
78) Pyrene	12.727	202	112730	5.192	ng	99
81) Benzo(a)anthracene	13.916	228	71913	4.184	ng	99
83) Chrysene	13.951	228	65427	4.066	ng	99
84) Bis(2-ethylhexyl)phtha...	13.886	149	25104	2.303	ng	97
87) Indeno(1,2,3-cd)pyrene	16.821	276	41579	2.331	ng	95
88) Benzo(b)fluoranthene	14.957	252	105364m	5.921	ng	
89) Benzo(k)fluoranthene	14.980	252	34990m	2.050	ng	
90) Benzo(a)pyrene	15.316	252	70551	5.035	ng	97
92) Benzo(g,h,i)perylene	17.262	276	39240	2.672	ng	98

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

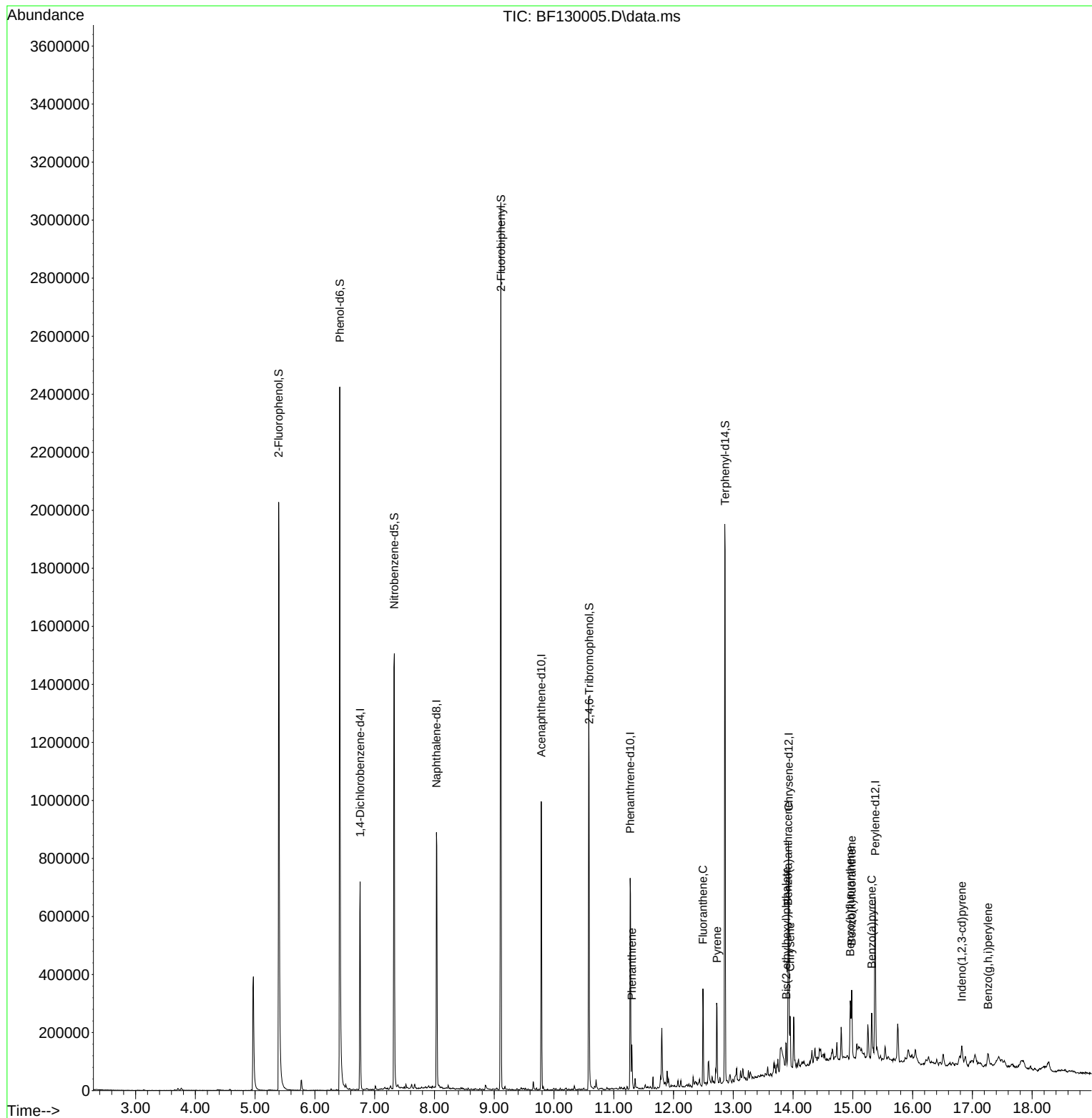
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082522\
Data File : BF130005.D
Acq On : 25 Aug 2022 18:19
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Sample : N4352-02
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ALS Vial : 13 Sample Multiplier: 1

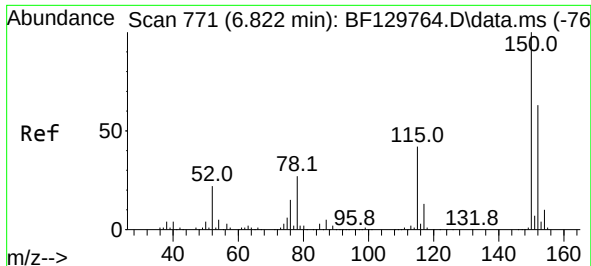
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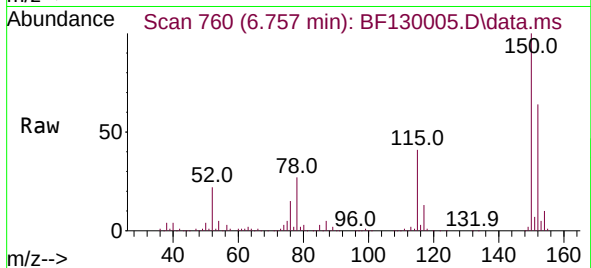
Quant Time: Aug 26 01:01:09 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 25 14:45:09 2022
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.757 min Scan# 70
Delta R.T. 0.000 min
Lab File: BF130005.D
Acq: 25 Aug 2022 18:19

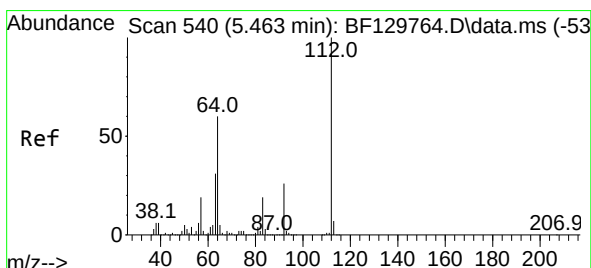
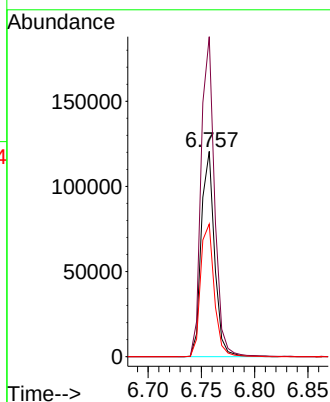
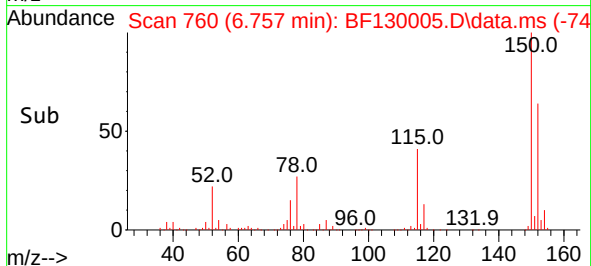
Instrument :
BNA_F
ClientSampleId :
11985



Tgt Ion:152 Resp: 103899
Ion Ratio Lower Upper
152 100
150 156.0 126.9 190.3
115 64.6 53.4 80.0

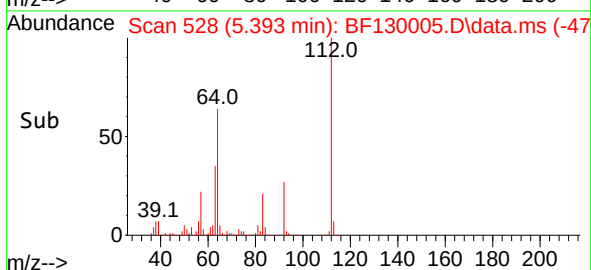
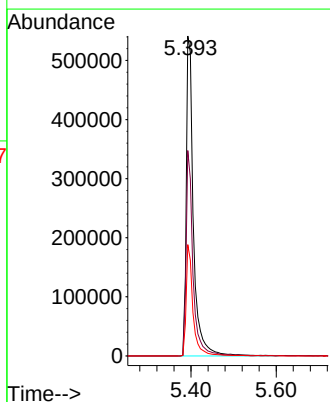
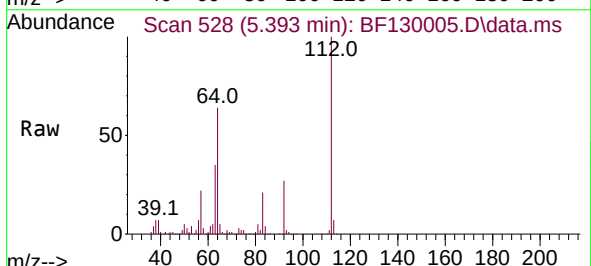
Manual Integrations
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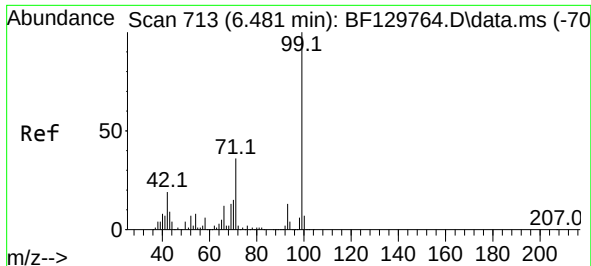
Reviewed By :Christian Giraldo 08/26/2022
Supervised By :Jagrut Upadhyay 08/26/2022



#5
2-Fluorophenol
Concen: 100.610 ng
RT: 5.393 min Scan# 528
Delta R.T. 0.000 min
Lab File: BF130005.D
Acq: 25 Aug 2022 18:19

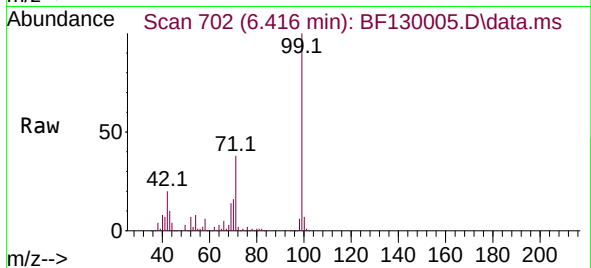
Tgt Ion:112 Resp: 631351
Ion Ratio Lower Upper
112 100
64 64.2 47.6 71.4
63 34.8 24.6 37.0





#7
Phenol-d6
Concen: 94.795 ng
RT: 6.416 min Scan# 70
Delta R.T. -0.006 min
Lab File: BF130005.D
Acq: 25 Aug 2022 18:19

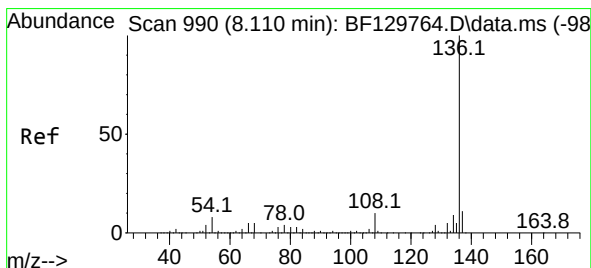
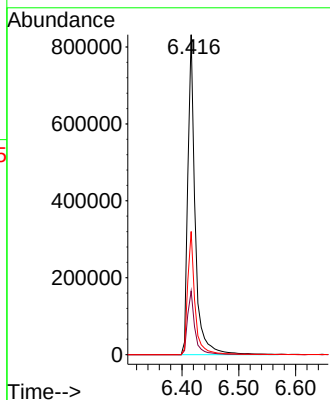
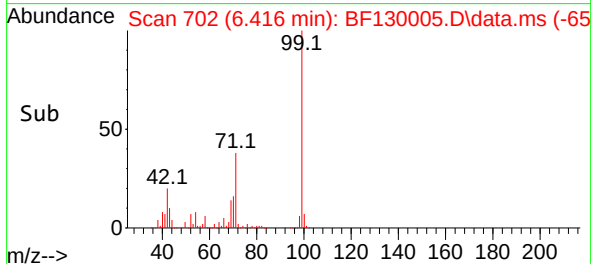
Instrument :
BNA_F
ClientSampleId :
11985



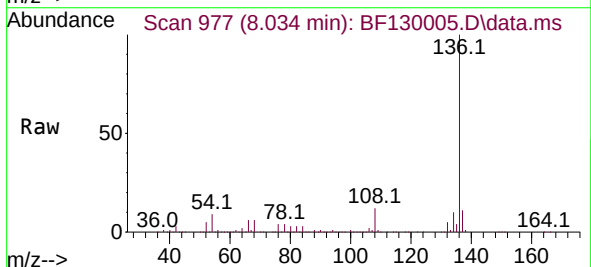
Tgt Ion: 99 Resp: 744934
Ion Ratio Lower Upper
99 100
42 19.9 15.0 22.4
71 38.5 28.8 43.2

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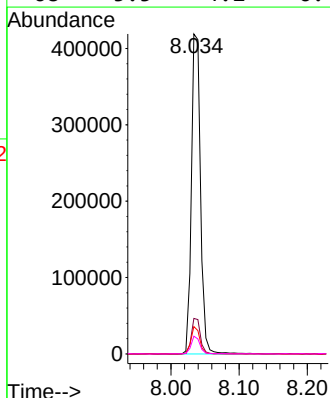
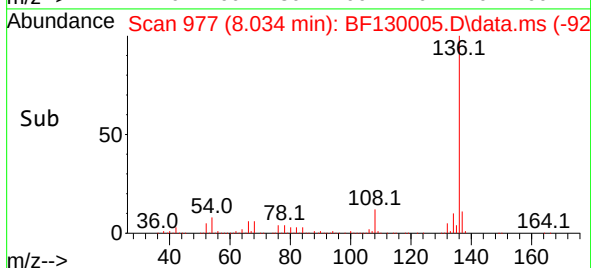
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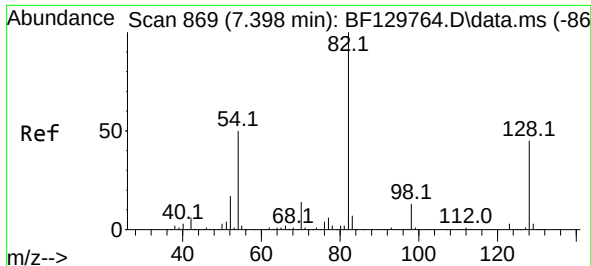


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.034 min Scan# 977
Delta R.T. -0.006 min
Lab File: BF130005.D
Acq: 25 Aug 2022 18:19



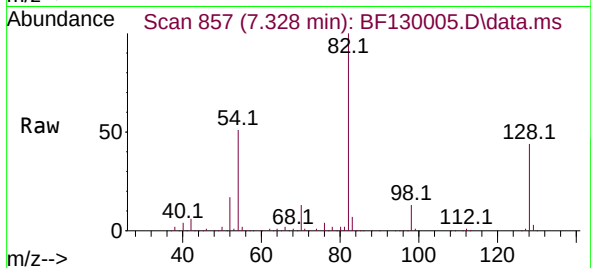
Tgt Ion:136 Resp: 389201
Ion Ratio Lower Upper
136 100
137 11.1 8.4 12.6
54 8.5 6.2 9.2
68 5.5 4.2 6.4





#23
Nitrobenzene-d5
Concen: 66.963 ng
RT: 7.328 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF130005.D
Acq: 25 Aug 2022 18:19

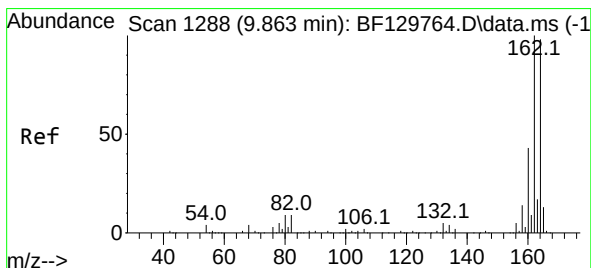
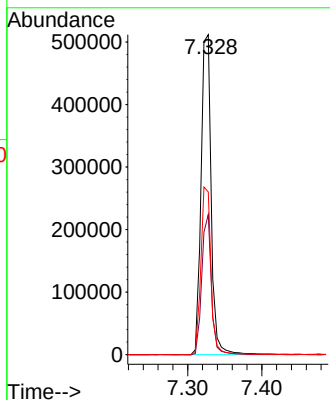
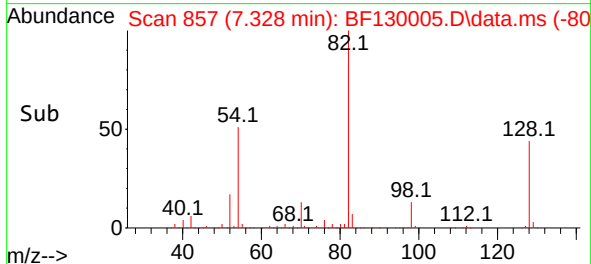
Instrument :
BNA_F
ClientSampleId :
11985



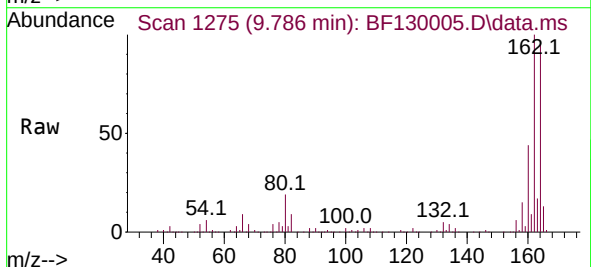
Tgt Ion: 82 Resp: 486852
Ion Ratio Lower Upper
82 100
128 43.8 36.1 54.1
54 50.8 40.0 60.0

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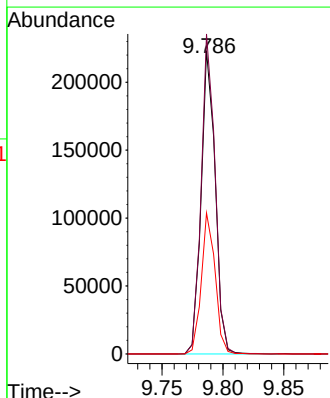
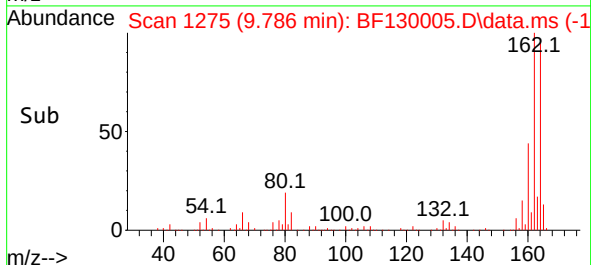
Reviewed By :Christian Giraldo 08/26/2022
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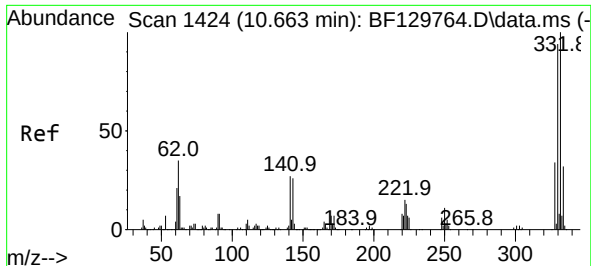


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.786 min Scan# 1275
Delta R.T. -0.006 min
Lab File: BF130005.D
Acq: 25 Aug 2022 18:19



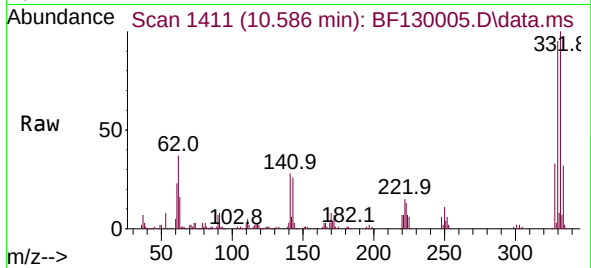
Tgt Ion:164 Resp: 179785
Ion Ratio Lower Upper
164 100
162 105.6 82.0 123.0
160 46.5 35.4 53.0





#42
2,4,6-Tribromophenol
Concen: 81.306 ng
RT: 10.586 min Scan# 1424
Delta R.T. 0.000 min
Lab File: BF130005.D
Acq: 25 Aug 2022 18:19

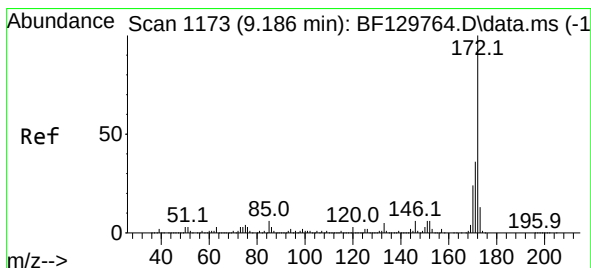
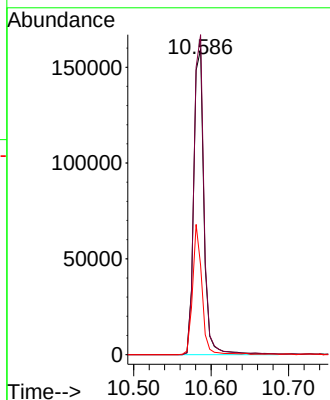
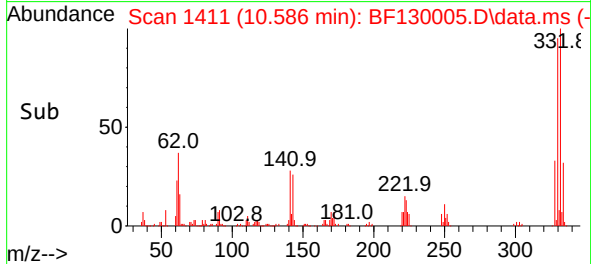
Instrument :
BNA_F
ClientSampleId :
11985



Tgt Ion: 330 Resp: 146709
Ion Ratio Lower Upper
330 100
332 102.0 82.6 124.0
141 38.5 27.6 41.4

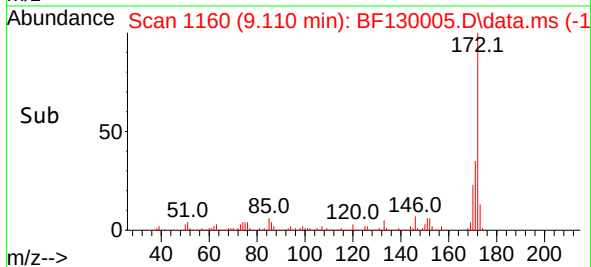
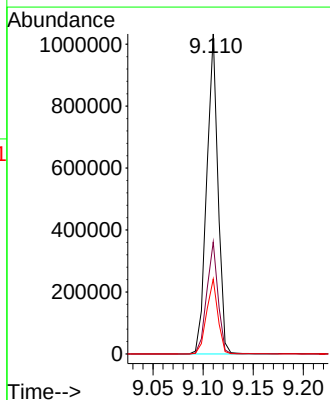
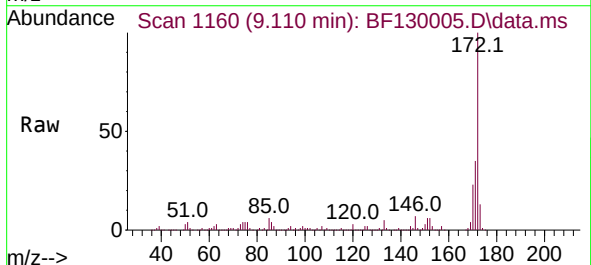
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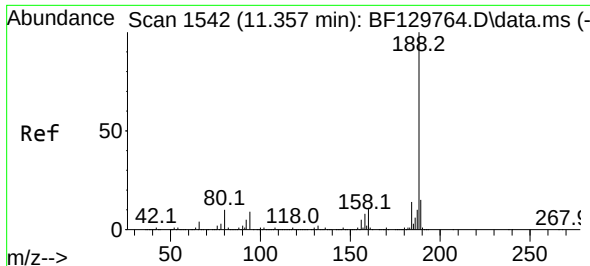
Reviewed By : Christian Giraldo 08/26/2022
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#45
2-Fluorobiphenyl
Concen: 67.790 ng
RT: 9.110 min Scan# 1160
Delta R.T. -0.006 min
Lab File: BF130005.D
Acq: 25 Aug 2022 18:19

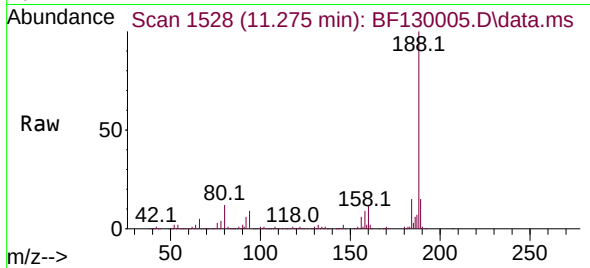
Tgt Ion: 172 Resp: 802448
Ion Ratio Lower Upper
172 100
171 35.0 28.4 42.6
170 23.4 19.1 28.7





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.275 min Scan# 11985
Delta R.T. -0.006 min
Lab File: BF130005.D
Acq: 25 Aug 2022 18:19

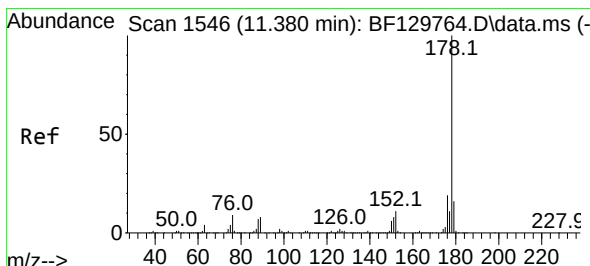
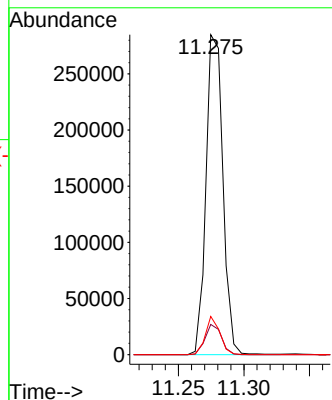
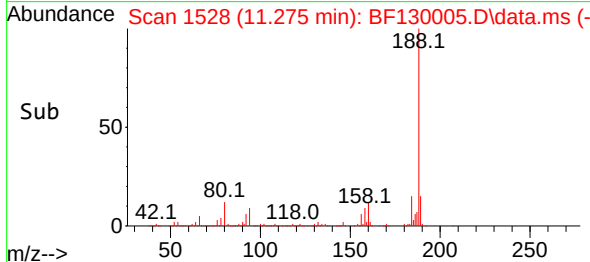
Instrument :
BNA_F
ClientSampleId :
11985



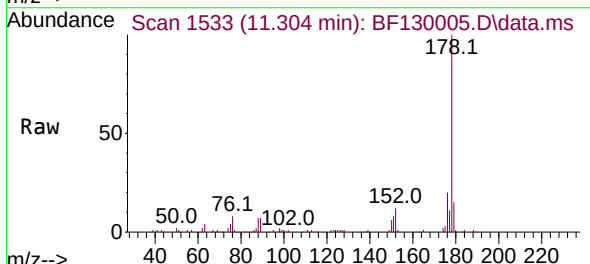
Tgt Ion:188 Resp: 255478
Ion Ratio Lower Upper
188 100
94 9.4 7.4 11.2
80 12.0 7.9 11.9

Manual Integrations
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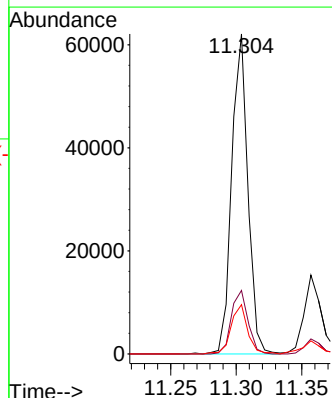
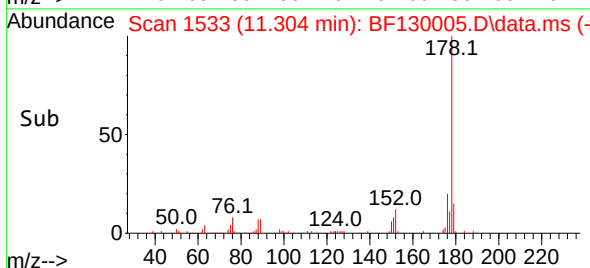
Reviewed By :Christian Giraldo 08/26/2022
Supervised By :Jagrut Upadhyay 08/26/2022

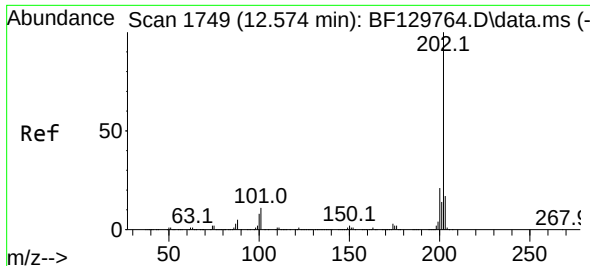


#71
Phenanthrene
Concen: 3.736 ng
RT: 11.304 min Scan# 1533
Delta R.T. 0.000 min
Lab File: BF130005.D
Acq: 25 Aug 2022 18:19



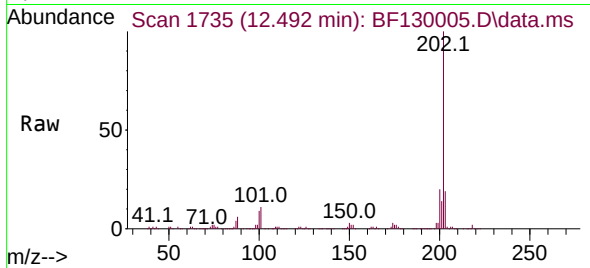
Tgt Ion:178 Resp: 53310
Ion Ratio Lower Upper
178 100
176 19.8 15.5 23.3
179 15.4 12.5 18.7





#75
Fluoranthene
Concen: 8.136 ng
RT: 12.492 min Scan# 11985
Delta R.T. -0.006 min
Lab File: BF130005.D
Acq: 25 Aug 2022 18:19

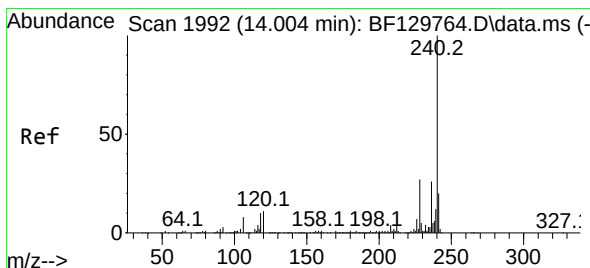
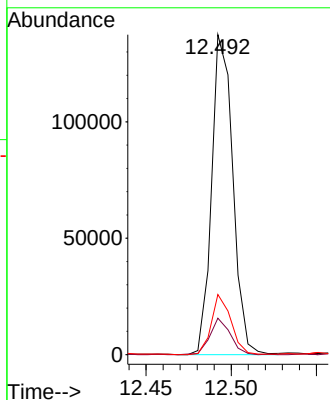
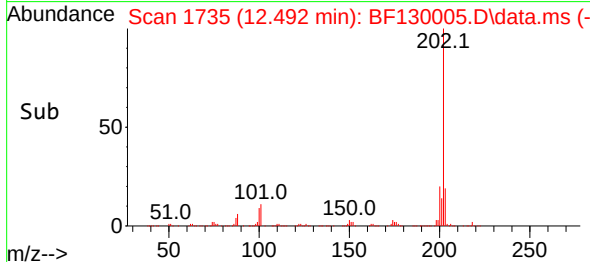
Instrument :
BNA_F
ClientSampleId :
11985



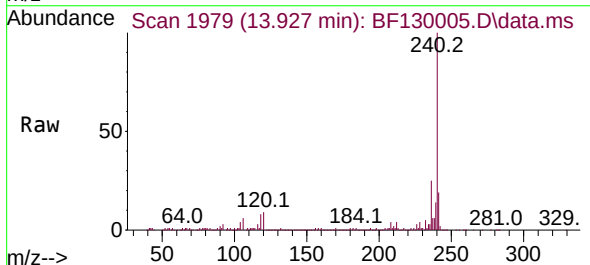
Tgt Ion:202 Resp: 118794
Ion Ratio Lower Upper
202 100
101 11.4 0.0 30.7
203 18.8 0.0 37.5

Manual Integrations
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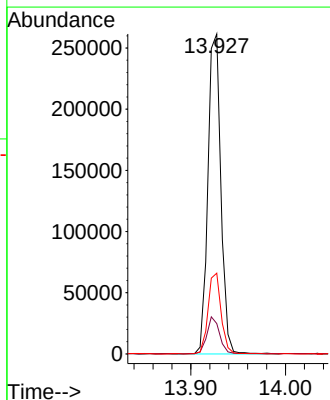
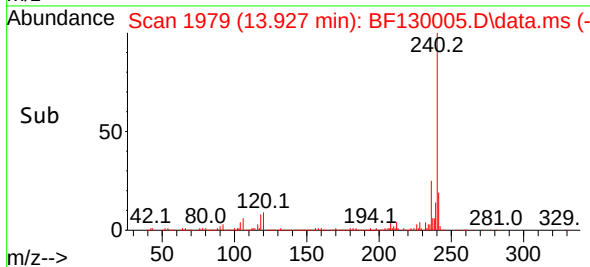
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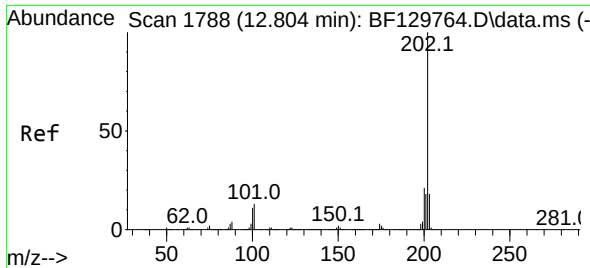


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.927 min Scan# 1979
Delta R.T. 0.000 min
Lab File: BF130005.D
Acq: 25 Aug 2022 18:19



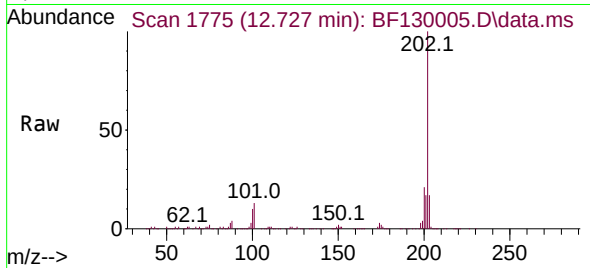
Tgt Ion:240 Resp: 249877
Ion Ratio Lower Upper
240 100
120 9.5 9.2 13.8
236 25.2 20.7 31.1





#78
Pyrene
Concen: 5.192 ng
RT: 12.727 min Scan# 11985
Delta R.T. 0.000 min
Lab File: BF130005.D
Acq: 25 Aug 2022 18:19

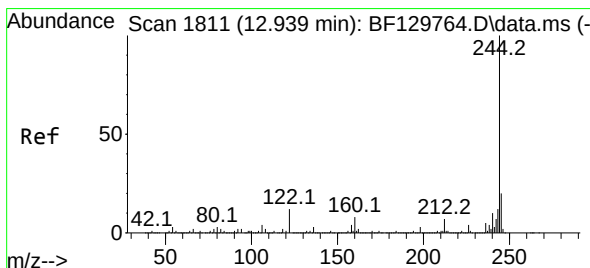
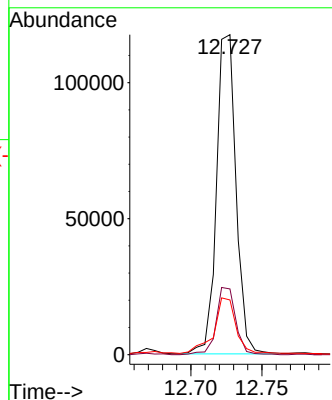
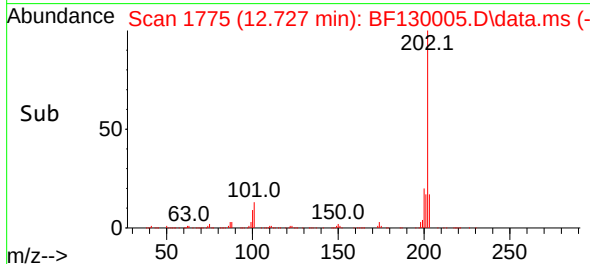
Instrument :
BNA_F
ClientSampleId :
11985



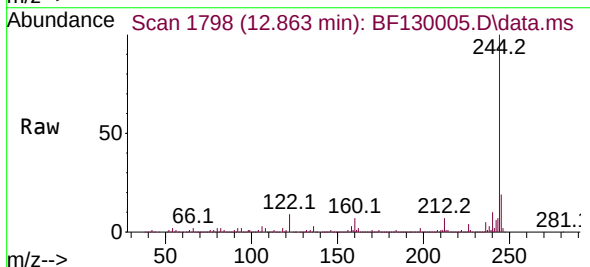
Tgt Ion:202 Resp: 112730
Ion Ratio Lower Upper
202 100
200 20.5 17.0 25.6
203 17.1 14.1 21.1

Manual Integrations
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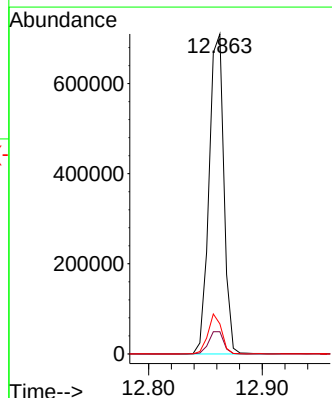
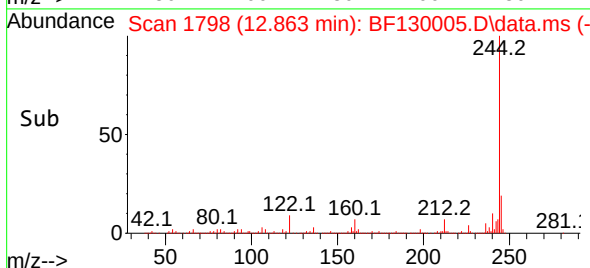
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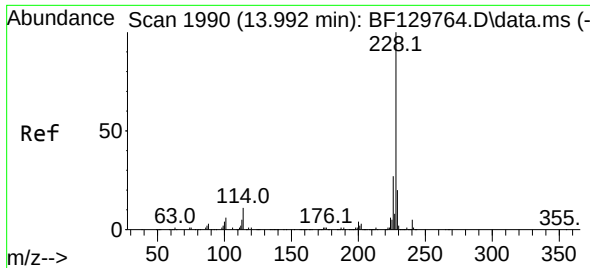


#79
Terphenyl-d14
Concen: 42.903 ng
RT: 12.863 min Scan# 1798
Delta R.T. 0.000 min
Lab File: BF130005.D
Acq: 25 Aug 2022 18:19



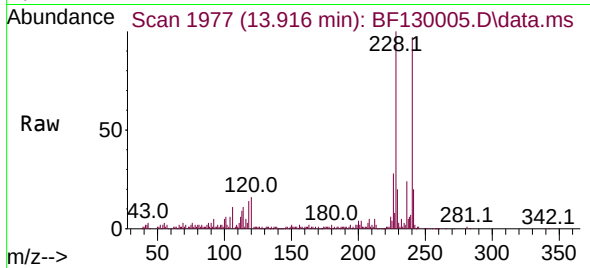
Tgt Ion:244 Resp: 644277
Ion Ratio Lower Upper
244 100
212 6.9 5.9 8.9
122 9.4 9.9 14.9#





#81
Benzo(a)anthracene
Concen: 4.184 ng
RT: 13.916 min Scan# 1983
Delta R.T. 0.000 min
Lab File: BF130005.D
Acq: 25 Aug 2022 18:19

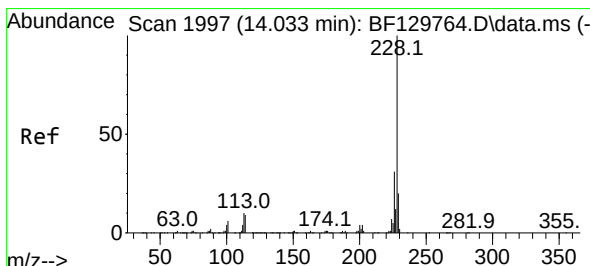
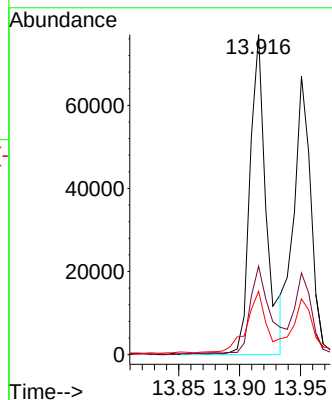
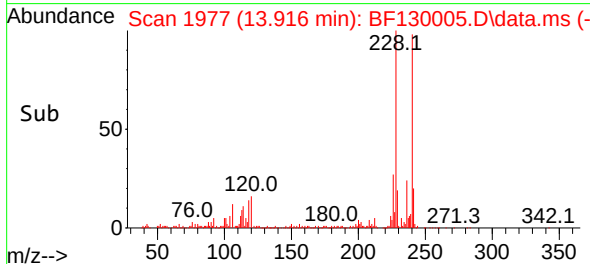
Instrument :
BNA_F
ClientSampleId :
11985



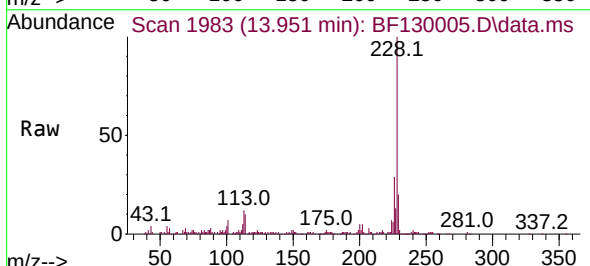
Tgt Ion:228 Resp: 71913
Ion Ratio Lower Upper
228 100
226 27.6 21.4 32.0
229 19.8 16.1 24.1

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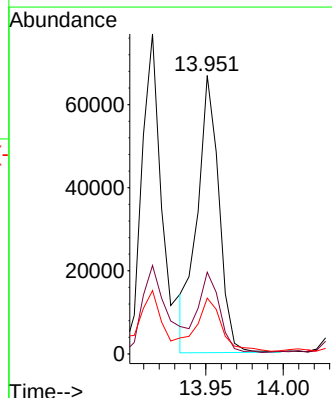
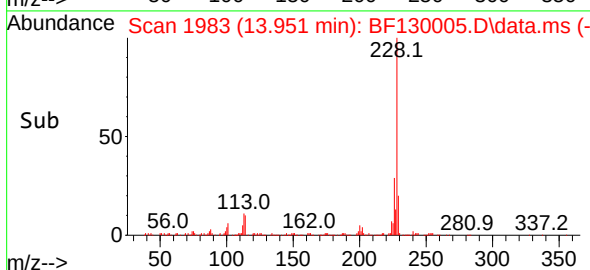
Reviewed By :Christian Giraldo 08/26/2022
Supervised By :Jagrut Upadhyay 08/26/2022

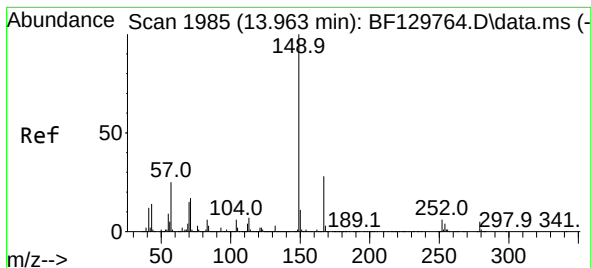


#83
Chrysene
Concen: 4.066 ng
RT: 13.951 min Scan# 1983
Delta R.T. 0.000 min
Lab File: BF130005.D
Acq: 25 Aug 2022 18:19



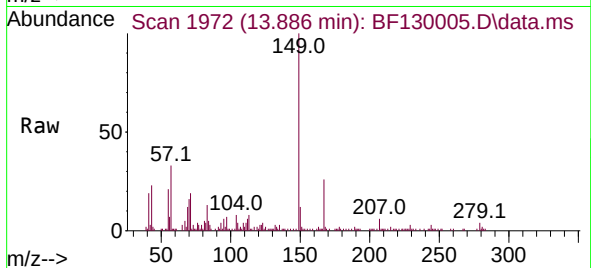
Tgt Ion:228 Resp: 65427
Ion Ratio Lower Upper
228 100
226 29.4 24.4 36.6
229 20.0 15.9 23.9





#84
Bis(2-ethylhexyl)phthalate
Concen: 2.303 ng
RT: 13.886 min Scan# 1985
Delta R.T. 0.000 min
Lab File: BF130005.D
Acq: 25 Aug 2022 18:19

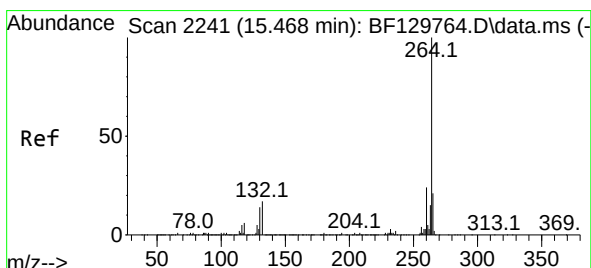
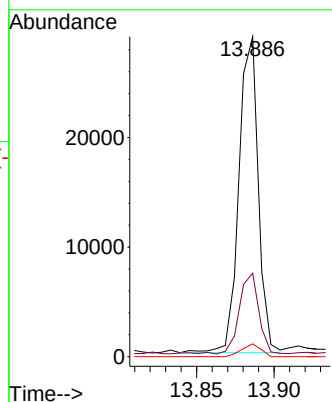
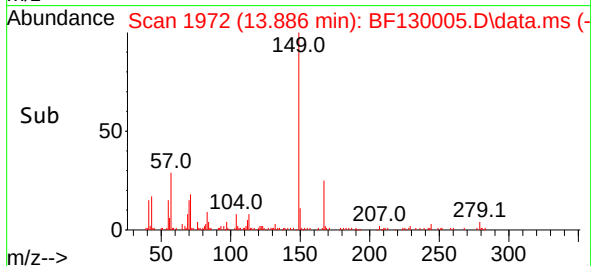
Instrument :
BNA_F
ClientSampleId :
11985



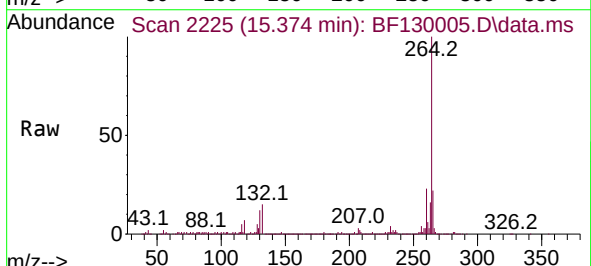
Tgt Ion:149 Resp: 25104
Ion Ratio Lower Upper
149 100
167 26.1 22.0 33.0
279 4.0 3.6 5.4

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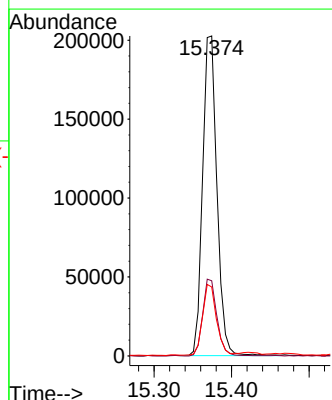
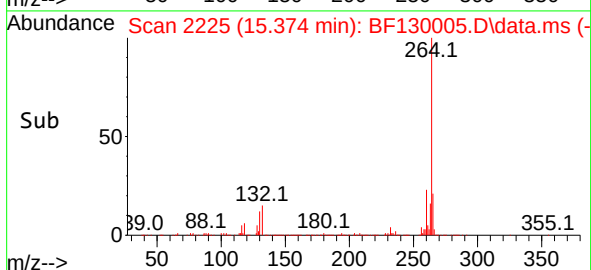
Reviewed By :Christian Giraldo 08/26/2022
Supervised By :Jagrut Upadhyay 08/26/2022

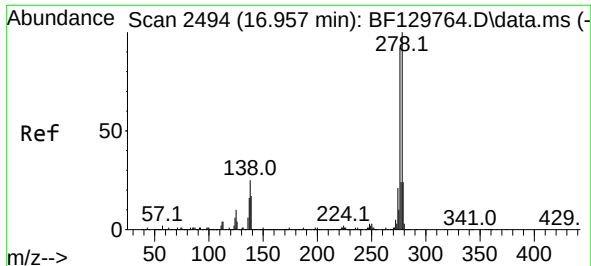


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.374 min Scan# 2225
Delta R.T. 0.006 min
Lab File: BF130005.D
Acq: 25 Aug 2022 18:19



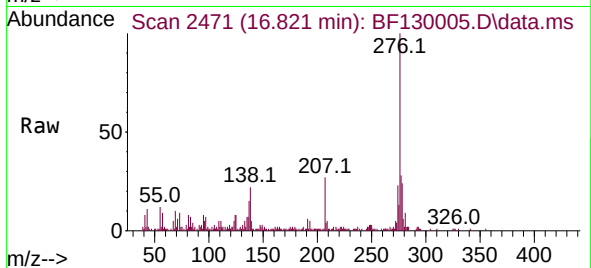
Tgt Ion:264 Resp: 259871
Ion Ratio Lower Upper
264 100
260 23.5 19.1 28.7
265 21.5 16.7 25.1





#87
Indeno(1,2,3-cd)pyrene
Concen: 2.331 ng
RT: 16.821 min Scan# 2494
Delta R.T. 0.006 min
Lab File: BF130005.D
Acq: 25 Aug 2022 18:19

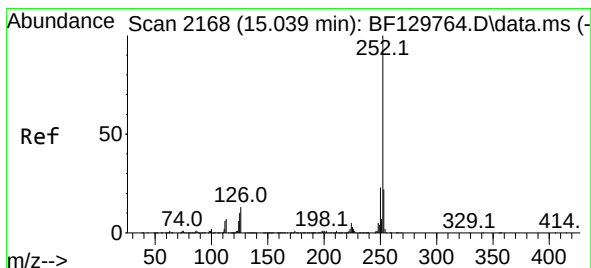
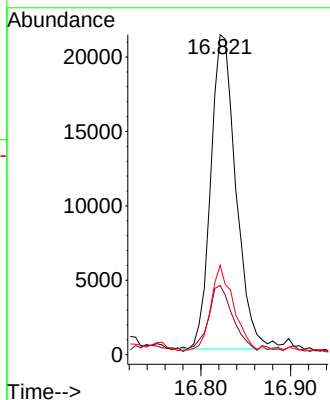
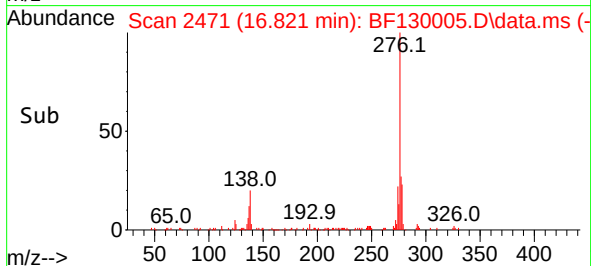
Instrument :
BNA_F
ClientSampleId :
11985



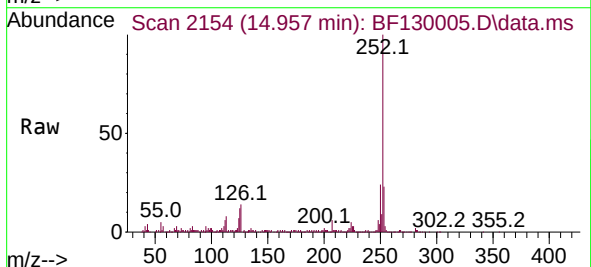
Tgt Ion: 276 Resp: 41579
Ion Ratio Lower Upper
276 100
138 20.8 19.8 29.8
277 24.1 20.4 30.6

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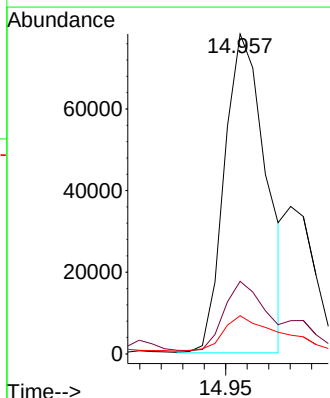
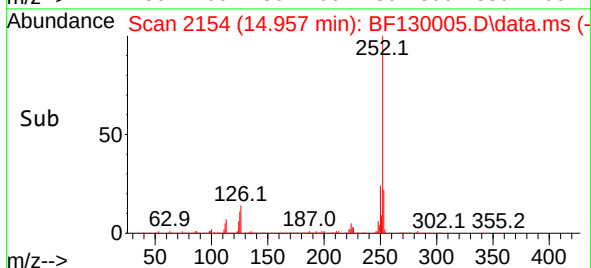
Reviewed By : Christian Giraldo 08/26/2022
Supervised By : Jagrut Upadhyay 08/26/2022

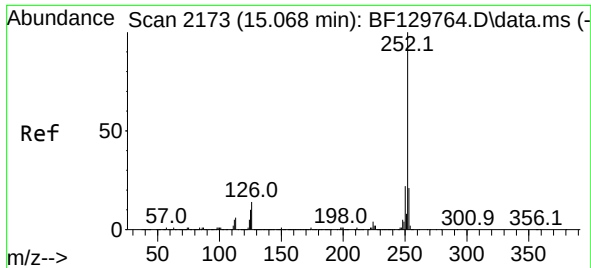


#88
Benzo(b)fluoranthene
Concen: 5.921 ng m
RT: 14.957 min Scan# 2154
Delta R.T. 0.006 min
Lab File: BF130005.D
Acq: 25 Aug 2022 18:19



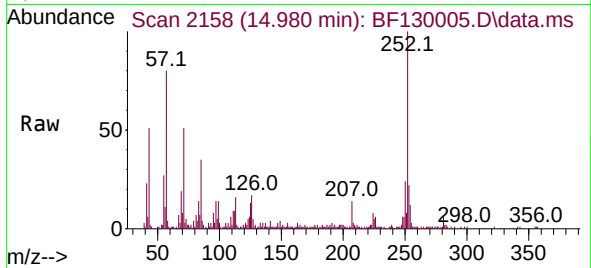
Tgt Ion: 252 Resp: 105364
Ion Ratio Lower Upper
252 100
253 22.7 17.5 26.3
125 11.9 8.3 12.5





#89
Benzo(k)fluoranthene
Concen: 2.050 ng m
RT: 14.980 min Scan# 2119
Delta R.T. 0.000 min
Lab File: BF130005.D
Acq: 25 Aug 2022 18:19

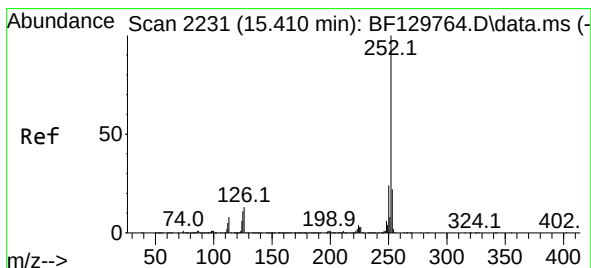
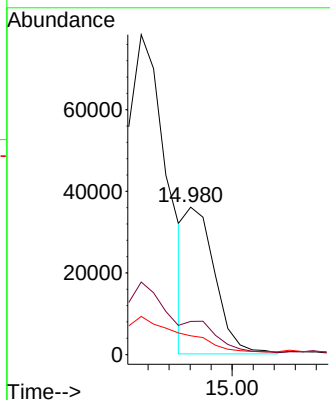
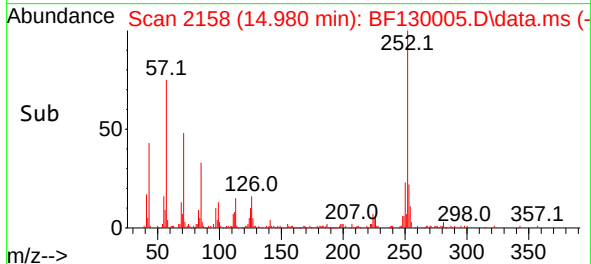
Instrument :
BNA_F
ClientSampleId :
11985



Tgt Ion:252 Resp: 34990
Ion Ratio Lower Upper
252 100
253 22.5 17.1 25.7
125 12.7 8.3 12.5

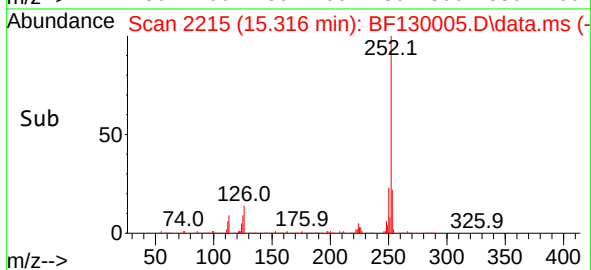
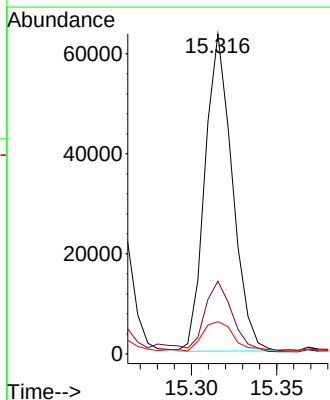
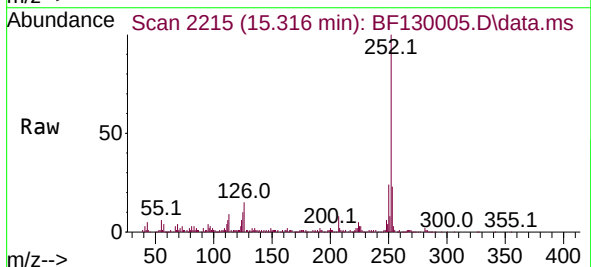
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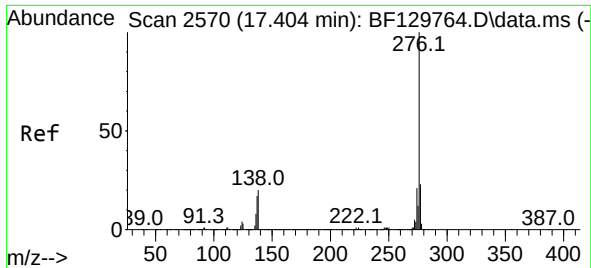
Reviewed By :Christian Giraldo 08/26/2022
Supervised By :Jagrut Upadhyay 08/26/2022



#90
Benzo(a)pyrene
Concen: 5.035 ng
RT: 15.316 min Scan# 2215
Delta R.T. 0.006 min
Lab File: BF130005.D
Acq: 25 Aug 2022 18:19

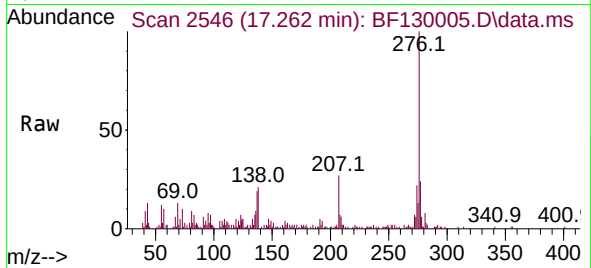
Tgt Ion:252 Resp: 70551
Ion Ratio Lower Upper
252 100
253 22.7 17.2 25.8
125 10.1 8.8 13.2





#92
 Benzo(g,h,i)perylene
 Concen: 2.672 ng
 RT: 17.262 min Scan# 2546
 Delta R.T. 0.018 min
 Lab File: BF130005.D
 Acq: 25 Aug 2022 18:19

Instrument :
 BNA_F
 ClientSampleId :
 11985



Tgt Ion: 276 Resp: 39240
 Ion Ratio Lower Upper
 276 100
 277 23.9 18.2 27.4
 138 20.6 15.8 23.8

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Reviewed By : Christian Giraldo 08/26/2022
 Supervised By : Jagrut Upadhyay 08/26/2022

