

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110122\
 Data File : BF130918.D
 Acq On : 02 Nov 2022 00:49
 Operator : CG\JU
 Sample : N5234-06 10X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LSP-SS-06-00-20

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 11/02/2022
 Supervised By : Jagrut Upadhyay 11/02/2022

Quant Time: Nov 02 08:27:13 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 02 08:18:35 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.940	152	64623	20.000	ng	0.00
21) Naphthalene-d8	8.222	136	209946	20.000	ng	0.00
39) Acenaphthene-d10	9.986	164	98323	20.000	ng	0.00
64) Phenanthrene-d10	11.475	188	194991	20.000	ng	0.00
76) Chrysene-d12	14.127	240	124828	20.000	ng	0.00
86) Perylene-d12	15.651	264	91006	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.540	112	27636	7.414	ng	-0.01
7) Phenol-d6	6.551	99	32543	6.718	ng	0.00
23) Nitrobenzene-d5	7.492	82	18089	5.195	ng	-0.01
42) 2,4,6-Tribromophenol	10.775	330	6820	8.240	ng	0.00
45) 2-Fluorobiphenyl	9.298	172	34022	5.231	ng	0.00
79) Terphenyl-d14	13.063	244	40367	5.926	ng	0.00
Target Compounds						Qvalue
49) Acenaphthylene	9.845	152	21381	2.409	ng	99
71) Phenanthrene	11.504	178	110064	10.936	ng	98
72) Anthracene	11.551	178	33414	3.366	ng	98
75) Fluoranthene	12.692	202	97058	9.077	ng	100
78) Pyrene	12.927	202	107114	10.171	ng	98
81) Benzo(a)anthracene	14.116	228	47162	5.699	ng	92
83) Chrysene	14.151	228	37901	4.748	ng	95
88) Benzo(b)fluoranthene	15.198	252	39097m	6.646	ng	
90) Benzo(a)pyrene	15.580	252	34777	7.354	ng	# 93

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

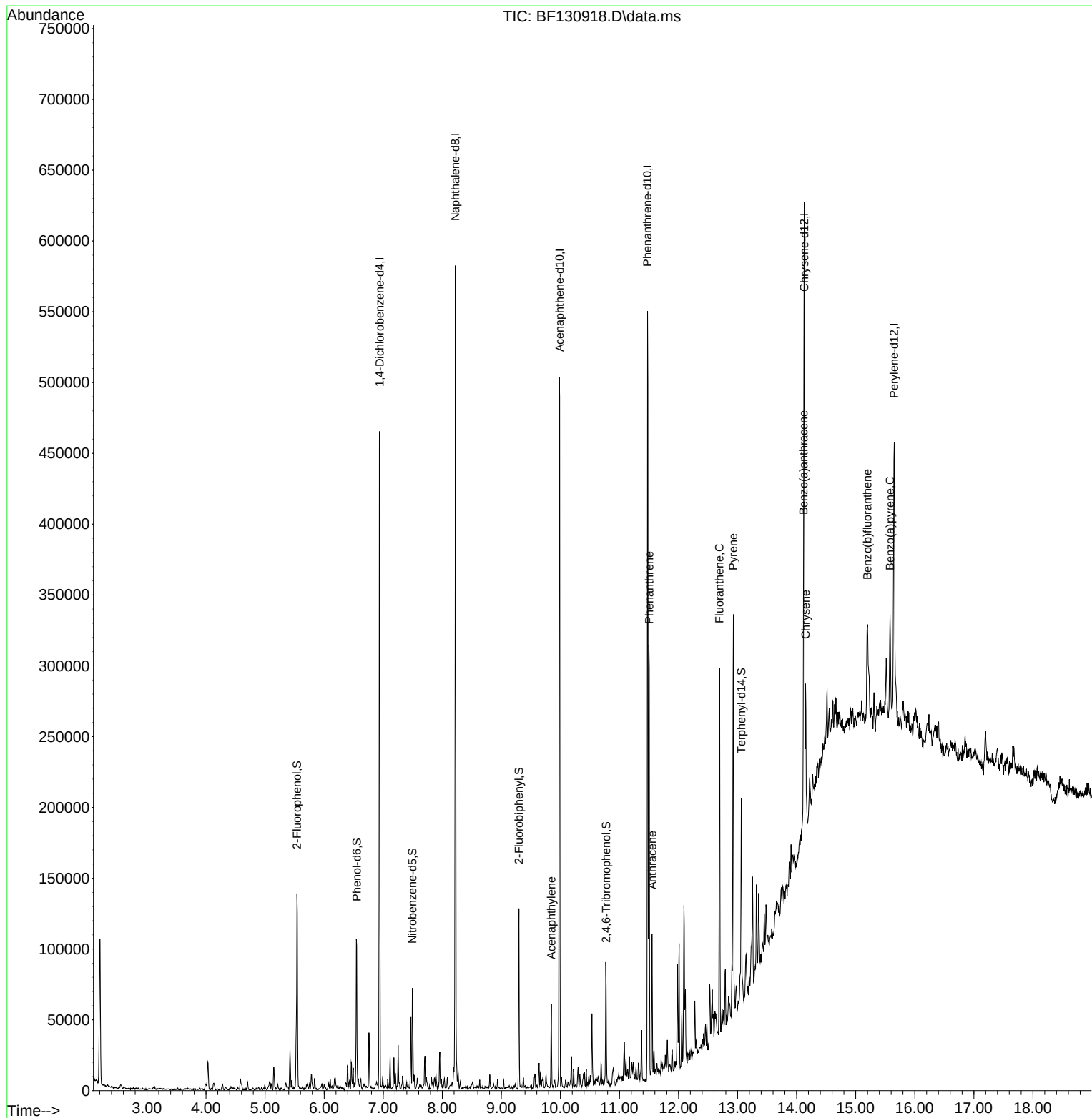
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110122\
Data File : BF130918.D
Acq On : 02 Nov 2022 00:49
Operator : CG\JU
Sample : N5234-06 10X
Misc :
ALS Vial : 18 Sample Multiplier: 1

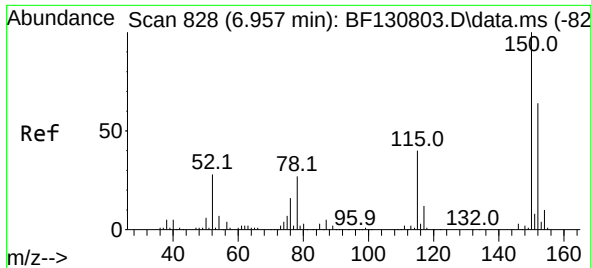
Instrument :
BNA_F
ClientSampleId :
LSP-SS-06-00-20

Quant Time: Nov 02 08:27:13 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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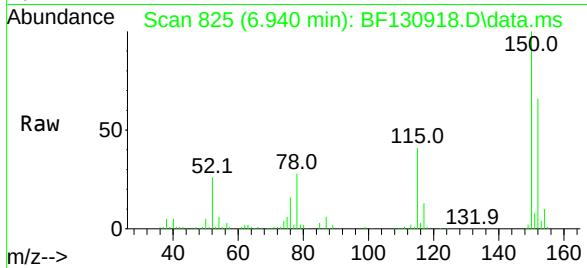
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Supervised By : Jagrut Upadhyay 11/02/2022





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.940 min Scan# 81
Delta R.T. 0.001 min
Lab File: BF130918.D
Acq: 02 Nov 2022 00:49

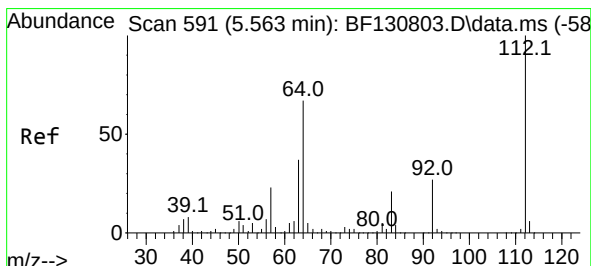
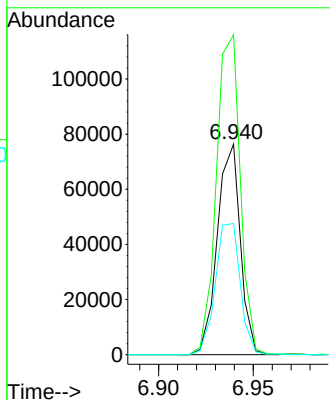
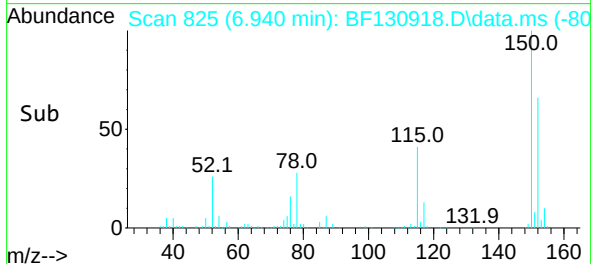
Instrument :
BNA_F
ClientSampleId :
LSP-SS-06-00-20



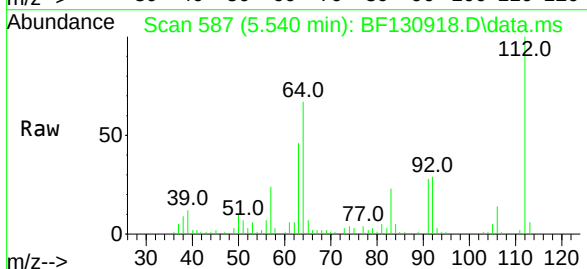
Tgt Ion:152 Resp: 6462
Ion Ratio Lower Upper
152 100
150 151.9 124.1 186.1
115 62.3 50.1 75.1

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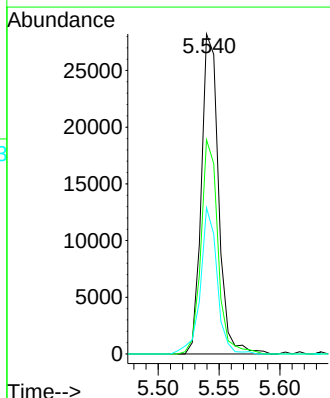
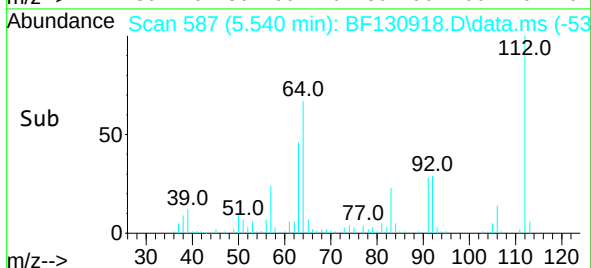
Reviewed By :Christian Giraldo 11/02/2022
Supervised By :Jagrut Upadhyay 11/02/2022

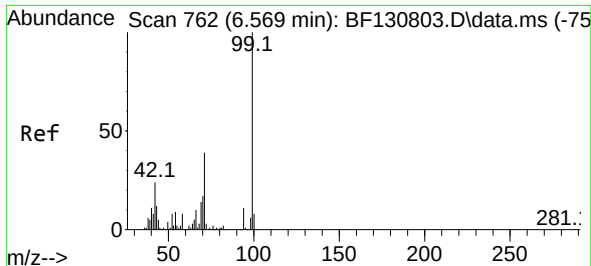


#5
2-Fluorophenol
Concen: 7.414 ng
RT: 5.540 min Scan# 587
Delta R.T. -0.012 min
Lab File: BF130918.D
Acq: 02 Nov 2022 00:49



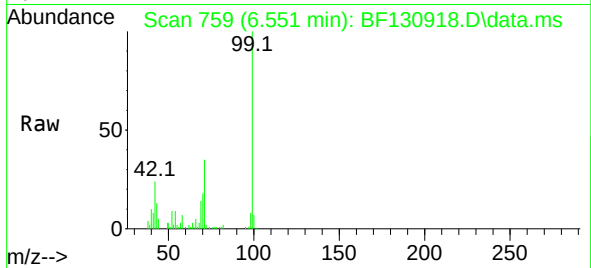
Tgt Ion:112 Resp: 27636
Ion Ratio Lower Upper
112 100
64 67.0 53.9 80.9
63 45.7 29.4 44.2#





#7
Phenol-d6
Concen: 6.718 ng
RT: 6.551 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF130918.D
Acq: 02 Nov 2022 00:49

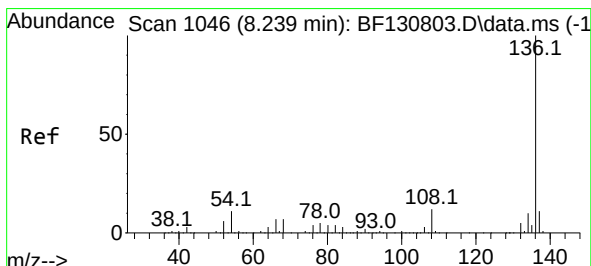
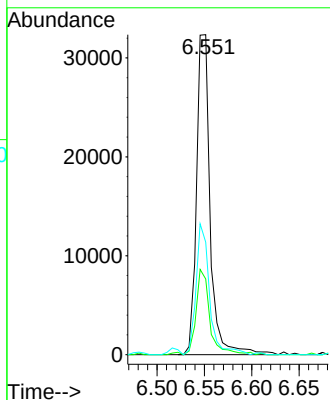
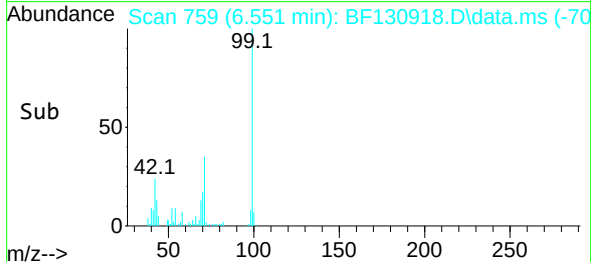
Instrument :
BNA_F
ClientSampleId :
LSP-SS-06-00-20



Tgt Ion: 99 Resp: 3254
Ion Ratio Lower Upper
99 100
42 23.7 18.8 28.2
71 35.1 31.4 47.0

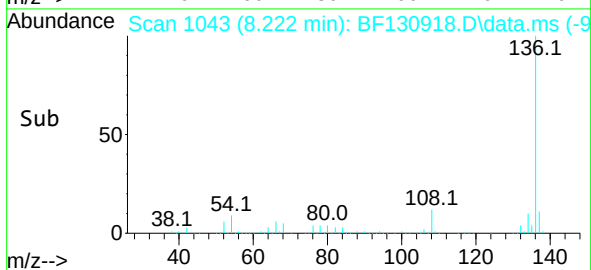
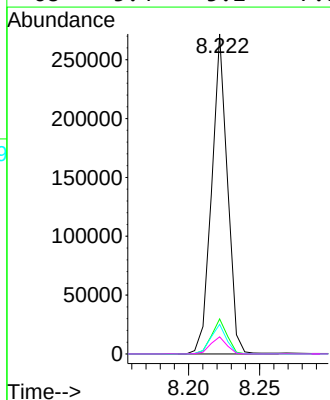
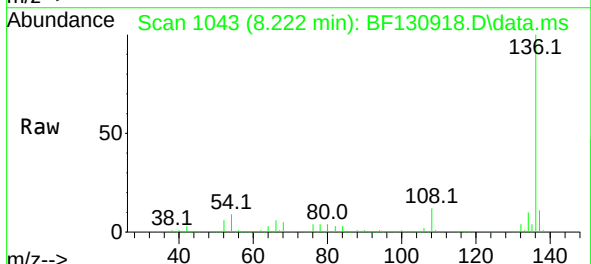
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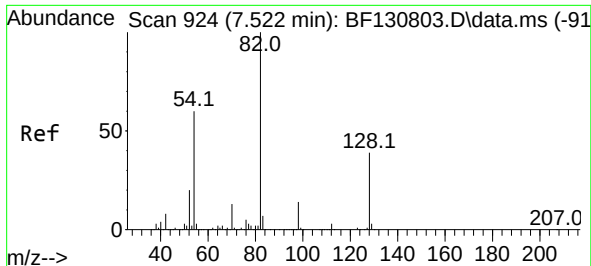
Reviewed By :Christian Giraldo 11/02/2022
Supervised By :Jagrut Upadhyay 11/02/2022



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.222 min Scan# 1043
Delta R.T. 0.000 min
Lab File: BF130918.D
Acq: 02 Nov 2022 00:49

Tgt Ion:136 Resp: 209946
Ion Ratio Lower Upper
136 100
137 11.0 9.2 13.8
54 9.3 8.8 13.2
68 5.4 5.2 7.8





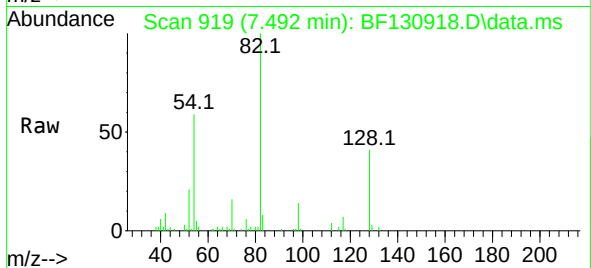
#23
Nitrobenzene-d5
Concen: 5.195 ng
RT: 7.492 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF130918.D
Acq: 02 Nov 2022 00:49

Instrument :

BNA_F

ClientSampleId :

LSP-SS-06-00-20

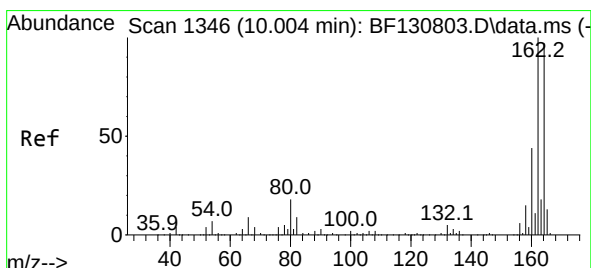
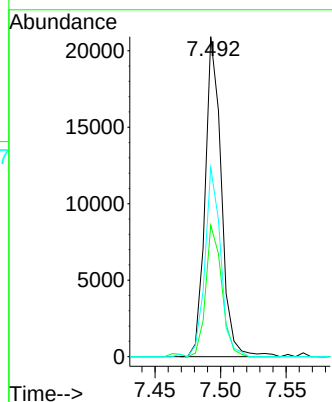
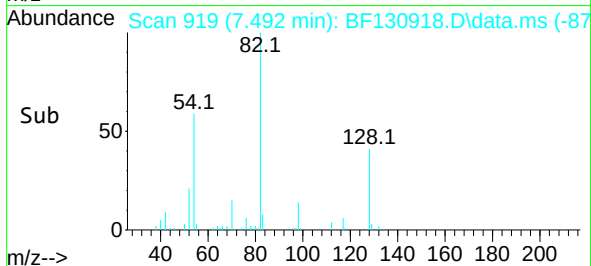


Tgt Ion: 82 Resp: 18089
Ion Ratio Lower Upper
82 100
128 41.1 31.2 46.8
54 59.1 48.0 72.0

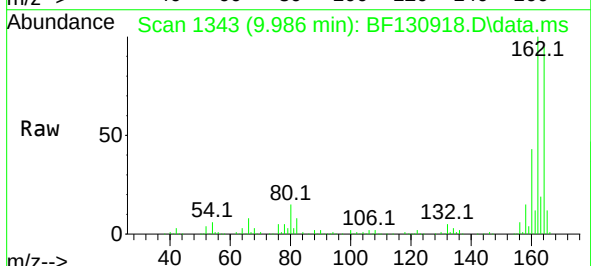
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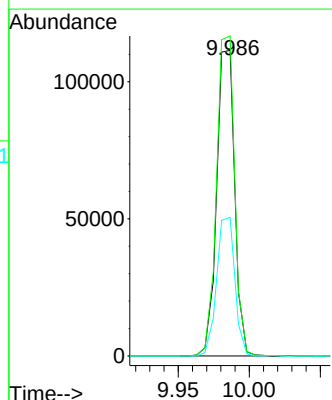
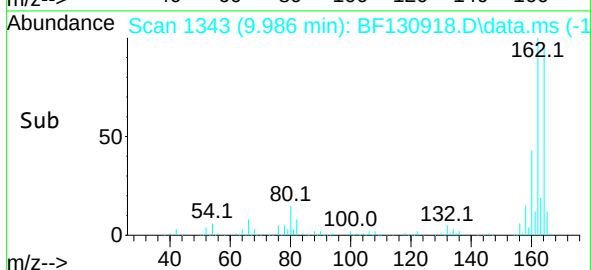
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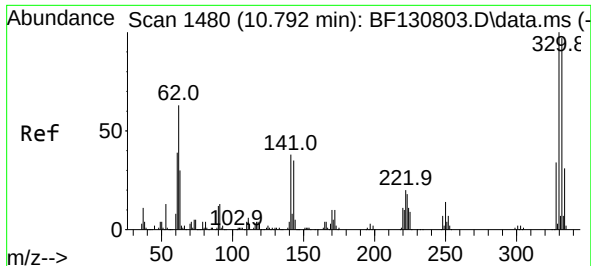


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.986 min Scan# 1343
Delta R.T. 0.000 min
Lab File: BF130918.D
Acq: 02 Nov 2022 00:49



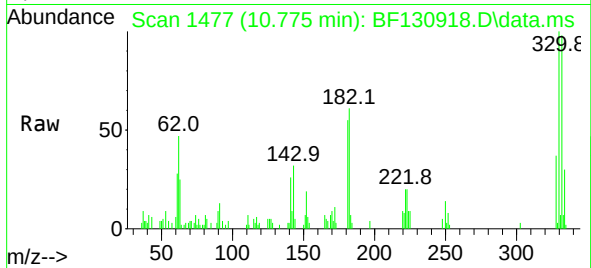
Tgt Ion:164 Resp: 98323
Ion Ratio Lower Upper
164 100
162 104.7 82.2 123.2
160 45.4 36.6 54.8





#42
2,4,6-Tribromophenol
Concen: 8.240 ng
RT: 10.775 min Scan# 1480
Delta R.T. -0.006 min
Lab File: BF130918.D
Acq: 02 Nov 2022 00:49

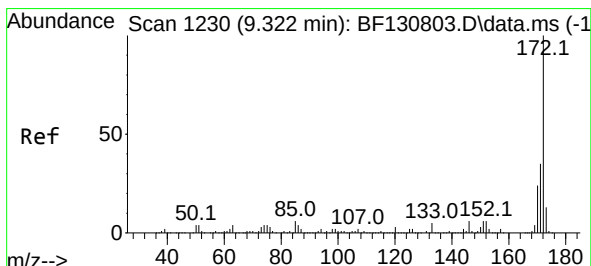
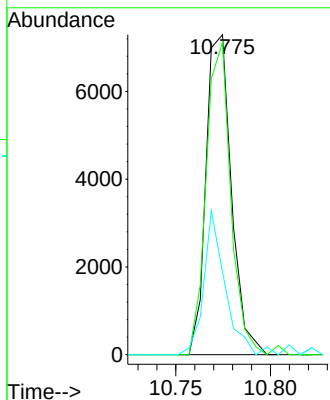
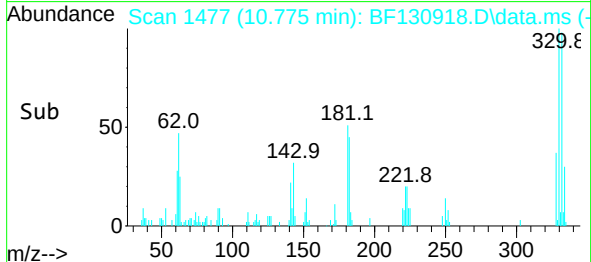
Instrument :
BNA_F
ClientSampleId :
LSP-SS-06-00-20



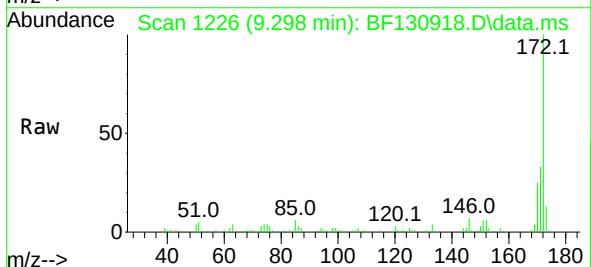
Tgt Ion: 330 Resp: 6820
Ion Ratio Lower Upper
330 100
332 94.0 76.2 114.4
141 37.9 31.4 47.0

Manual Integrations
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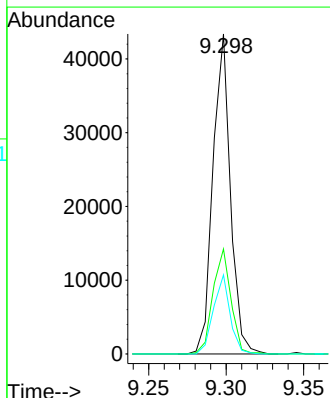
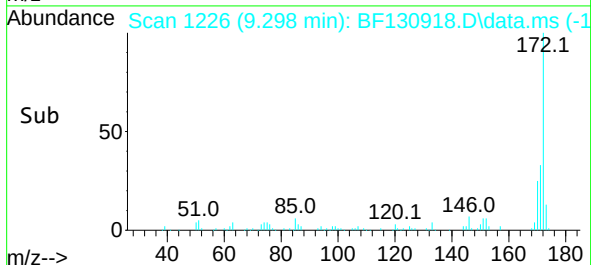
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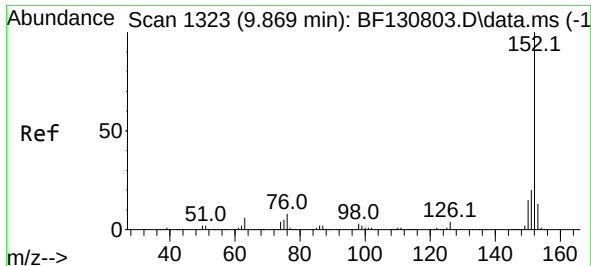


#45
2-Fluorobiphenyl
Concen: 5.231 ng
RT: 9.298 min Scan# 1226
Delta R.T. -0.006 min
Lab File: BF130918.D
Acq: 02 Nov 2022 00:49



Tgt Ion: 172 Resp: 34022
Ion Ratio Lower Upper
172 100
171 32.8 28.1 42.1
170 24.7 19.0 28.4





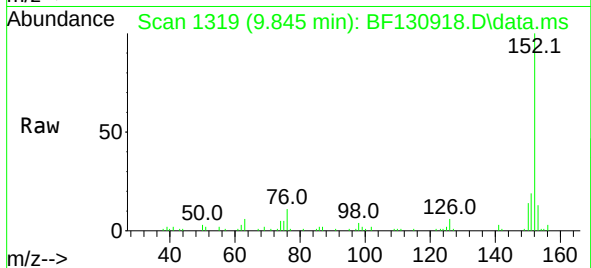
#49
Acenaphthylene
Concen: 2.409 ng
RT: 9.845 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF130918.D
Acq: 02 Nov 2022 00:49

Instrument :

BNA_F

ClientSampleId :

LSP-SS-06-00-20

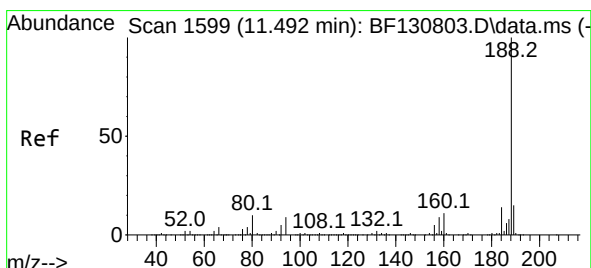
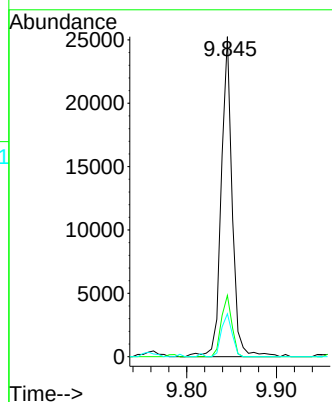
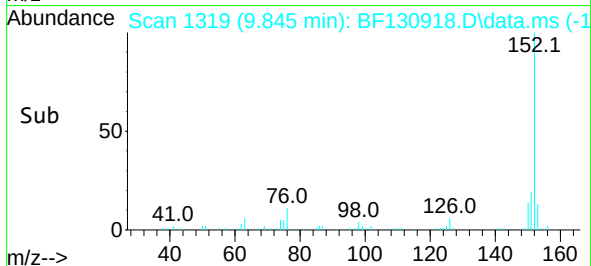


Tgt Ion:152 Resp: 2138
Ion Ratio Lower Upper
152 100
151 19.1 15.8 23.8
153 13.4 10.2 15.4

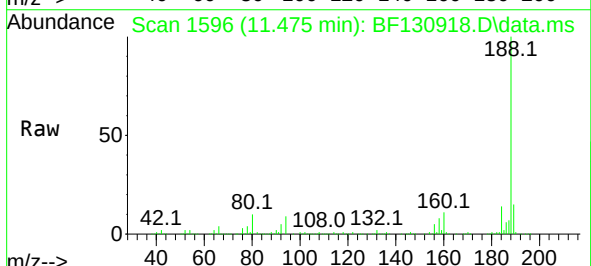
Manual Integrations

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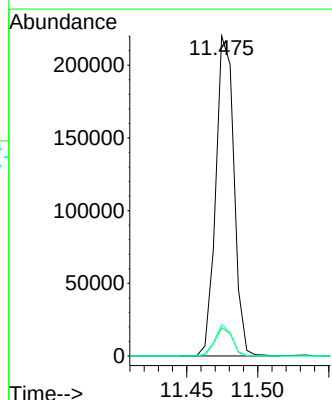
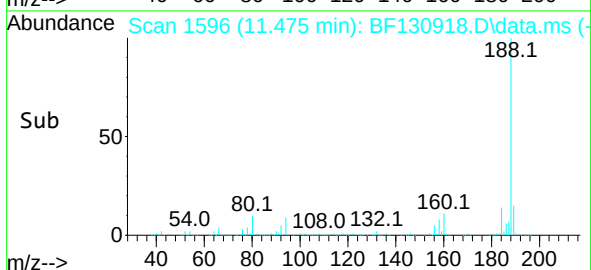
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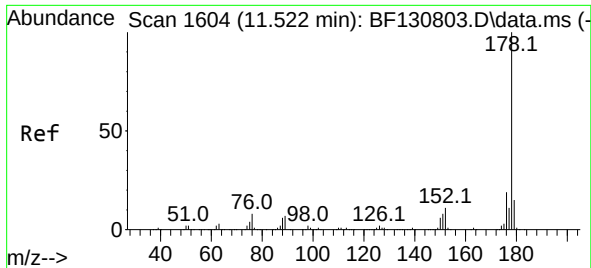


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.475 min Scan# 1596
Delta R.T. -0.006 min
Lab File: BF130918.D
Acq: 02 Nov 2022 00:49



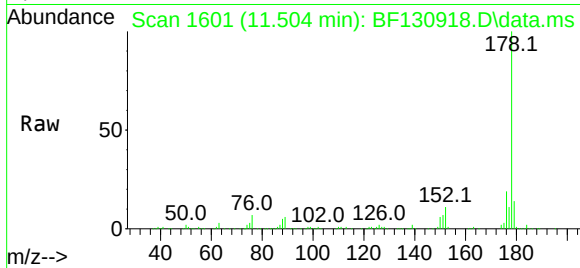
Tgt Ion:188 Resp: 194991
Ion Ratio Lower Upper
188 100
94 8.8 7.4 11.2
80 9.9 8.0 12.0





#71
Phenanthrene
Concen: 10.936 ng
RT: 11.504 min Scan# 1609
Delta R.T. 0.000 min
Lab File: BF130918.D
Acq: 02 Nov 2022 00:49

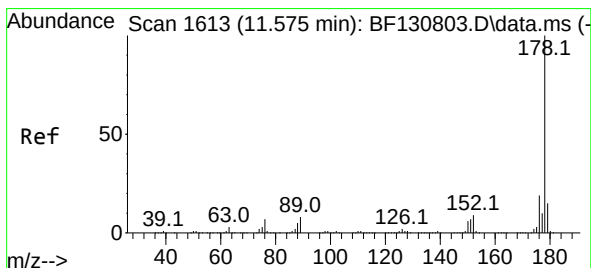
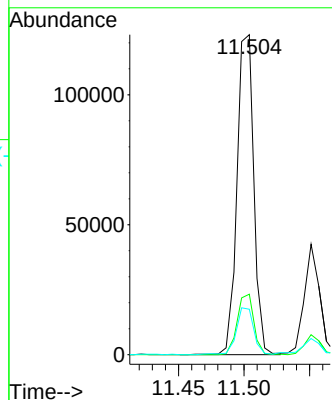
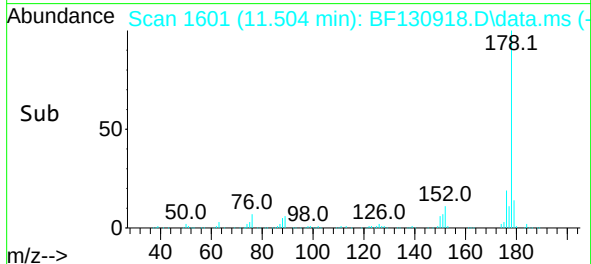
Instrument :
BNA_F
ClientSampleId :
LSP-SS-06-00-20



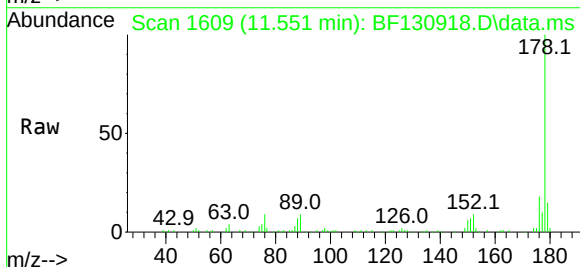
Tgt Ion:178 Resp: 110064
Ion Ratio Lower Upper
178 100
176 18.9 15.5 23.3
179 14.2 12.2 18.2

Manual Integrations
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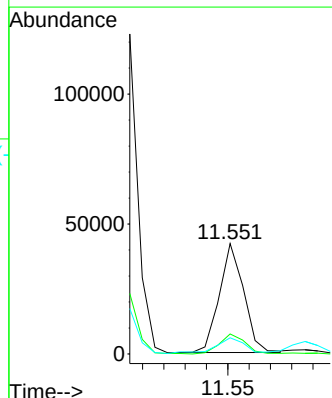
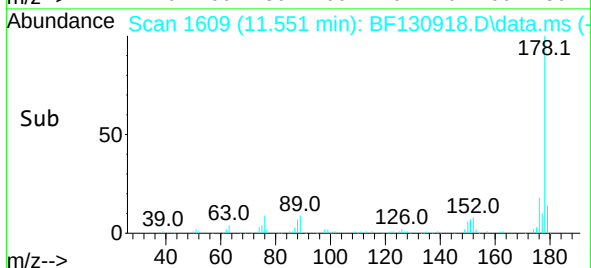
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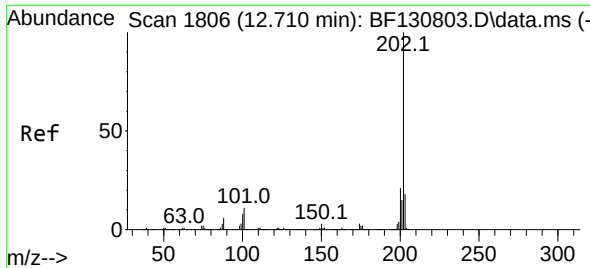


#72
Anthracene
Concen: 3.366 ng
RT: 11.551 min Scan# 1609
Delta R.T. -0.006 min
Lab File: BF130918.D
Acq: 02 Nov 2022 00:49



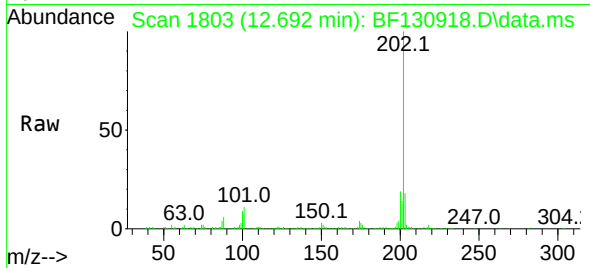
Tgt Ion:178 Resp: 33414
Ion Ratio Lower Upper
178 100
176 18.2 15.4 23.0
179 14.7 12.2 18.4





#75
Fluoranthene
Concen: 9.077 ng
RT: 12.692 min Scan# 1806
Delta R.T. -0.006 min
Lab File: BF130918.D
Acq: 02 Nov 2022 00:49

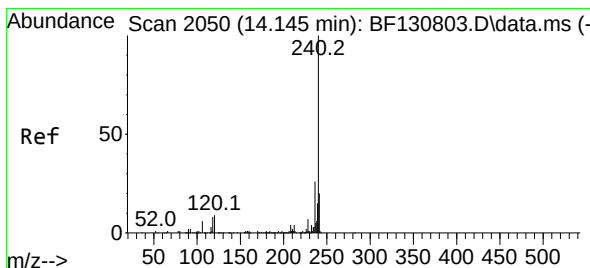
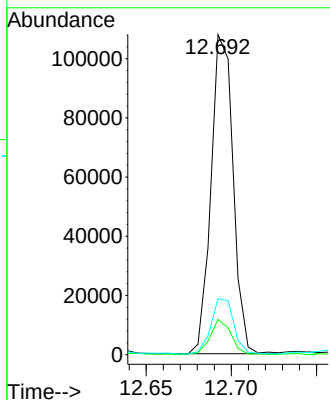
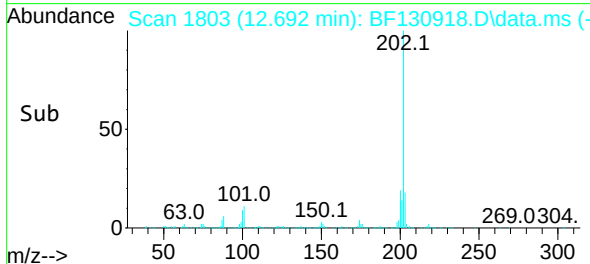
Instrument :
BNA_F
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LSP-SS-06-00-20



Tgt Ion:202 Resp: 97058
Ion Ratio Lower Upper
202 100
101 11.0 0.0 30.9
203 17.5 0.0 37.7

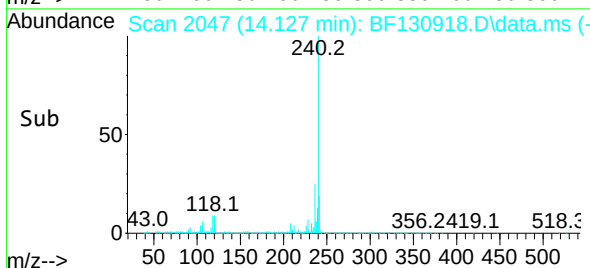
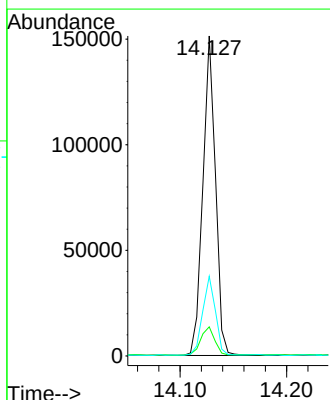
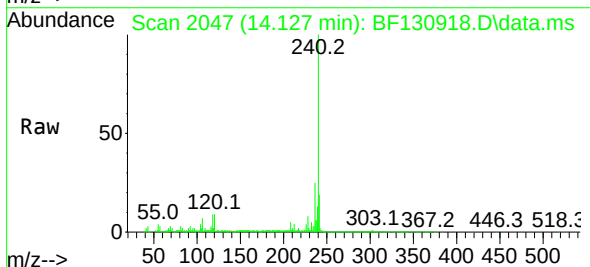
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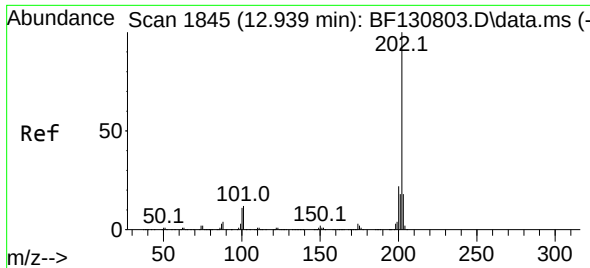
Reviewed By :Christian Giraldo 11/02/2022
Supervised By :Jagrut Upadhyay 11/02/2022



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.127 min Scan# 2047
Delta R.T. 0.000 min
Lab File: BF130918.D
Acq: 02 Nov 2022 00:49

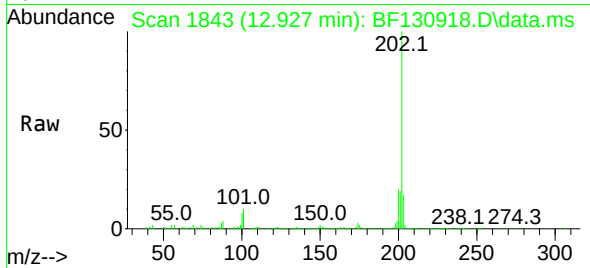
Tgt Ion:240 Resp: 124828
Ion Ratio Lower Upper
240 100
120 9.1 7.0 10.4
236 24.9 20.5 30.7





#78
Pyrene
Concen: 10.171 ng
RT: 12.927 min Scan# 1843
Delta R.T. 0.000 min
Lab File: BF130918.D
Acq: 02 Nov 2022 00:49

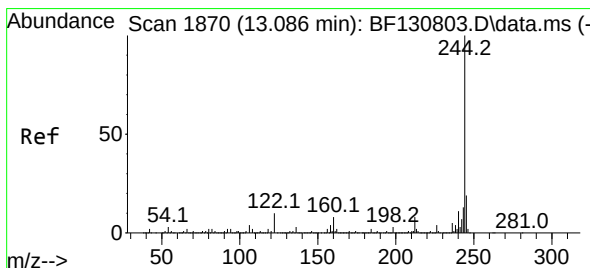
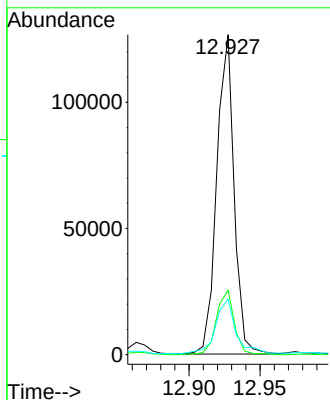
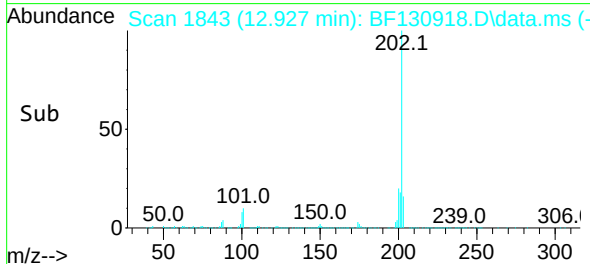
Instrument :
BNA_F
ClientSampleId :
LSP-SS-06-00-20



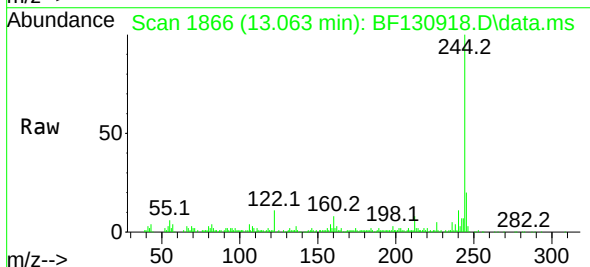
Tgt Ion:202 Resp: 107114
Ion Ratio Lower Upper
202 100
200 20.2 17.2 25.8
203 17.3 14.5 21.7

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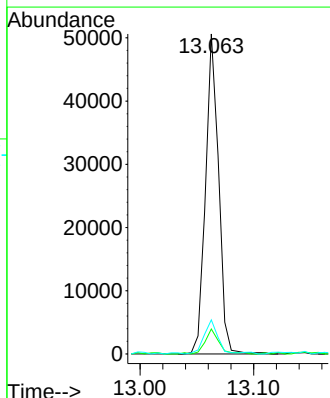
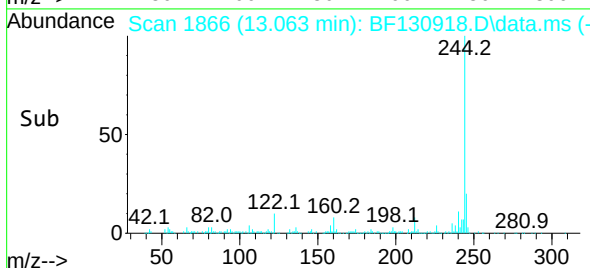
Reviewed By :Christian Giraldo 11/02/2022
Supervised By :Jagrut Upadhyay 11/02/2022

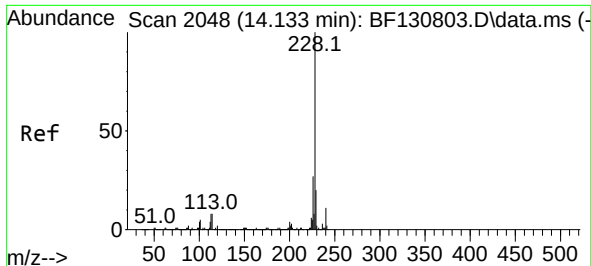


#79
Terphenyl-d14
Concen: 5.926 ng
RT: 13.063 min Scan# 1866
Delta R.T. -0.006 min
Lab File: BF130918.D
Acq: 02 Nov 2022 00:49



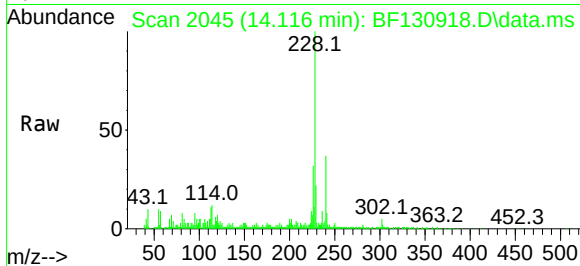
Tgt Ion:244 Resp: 40367
Ion Ratio Lower Upper
244 100
212 7.8 6.2 9.2
122 10.6 7.9 11.9





#81
Benzo(a)anthracene
Concen: 5.699 ng
RT: 14.116 min Scan# 2045
Delta R.T. 0.000 min
Lab File: BF130918.D
Acq: 02 Nov 2022 00:49

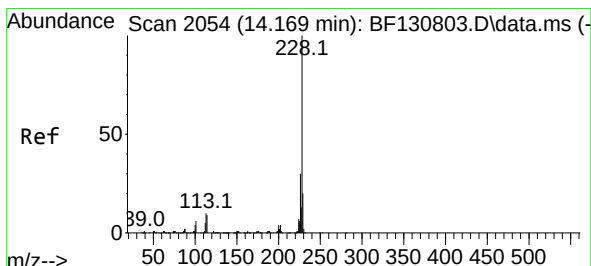
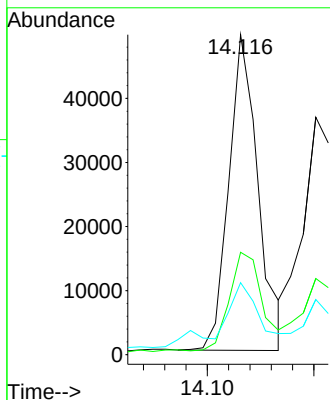
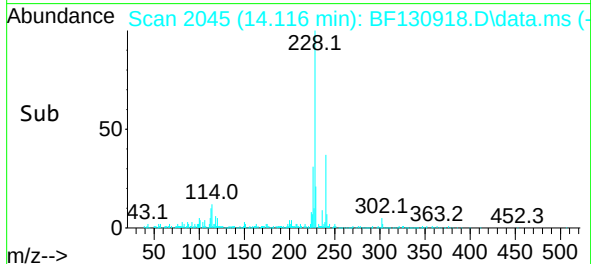
Instrument :
BNA_F
ClientSampleId :
LSP-SS-06-00-20



Tgt Ion:228 Resp: 47162
Ion Ratio Lower Upper
228 100
226 32.0 21.4 32.2
229 22.5 15.8 23.6

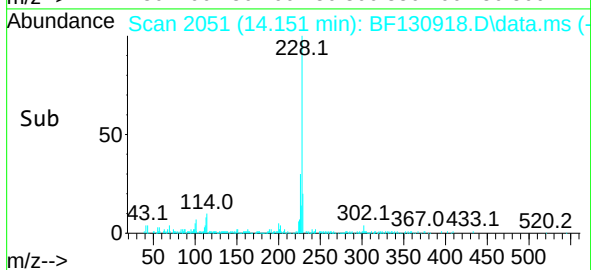
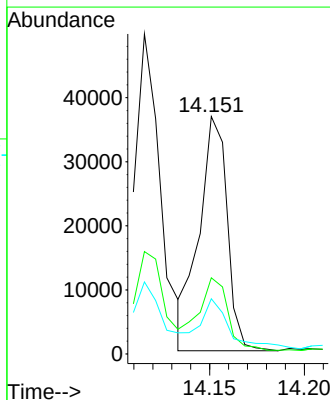
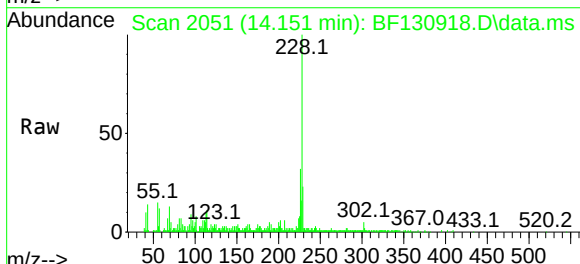
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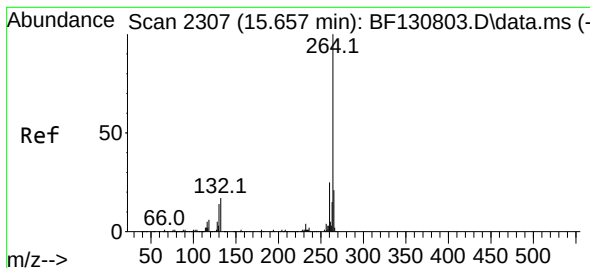
Reviewed By :Christian Giraldo 11/02/2022
Supervised By :Jagrut Upadhyay 11/02/2022



#83
Chrysene
Concen: 4.748 ng
RT: 14.151 min Scan# 2051
Delta R.T. -0.006 min
Lab File: BF130918.D
Acq: 02 Nov 2022 00:49

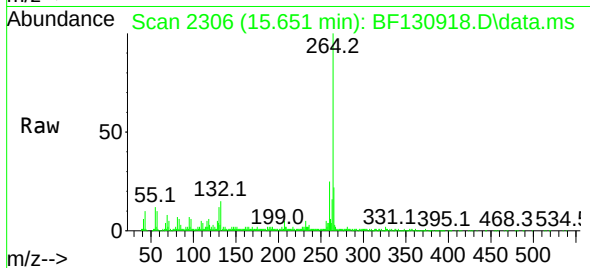
Tgt Ion:228 Resp: 37901
Ion Ratio Lower Upper
228 100
226 32.1 23.9 35.9
229 23.2 15.8 23.6





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.651 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF130918.D
Acq: 02 Nov 2022 00:49

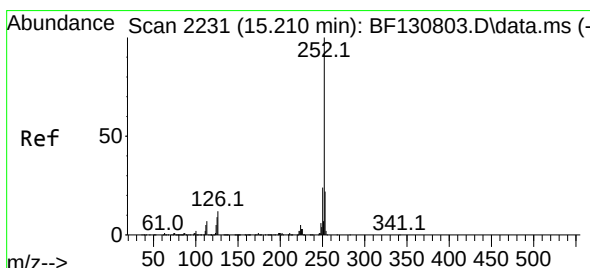
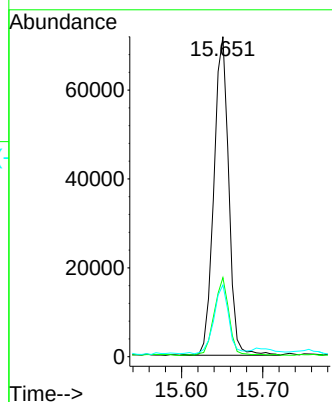
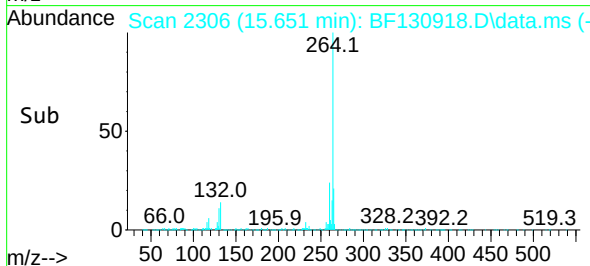
Instrument :
BNA_F
ClientSampleId :
LSP-SS-06-00-20



Tgt Ion:264 Resp: 91000
Ion Ratio Lower Upper
264 100
260 24.7 19.9 29.9
265 22.4 17.0 25.6

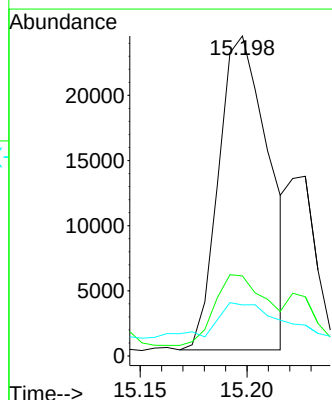
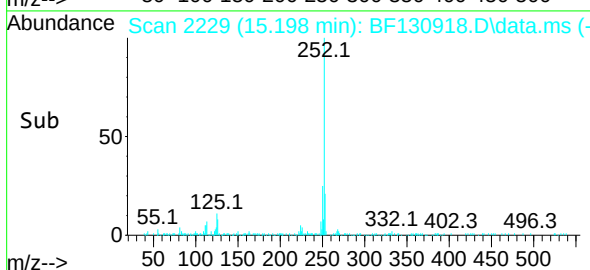
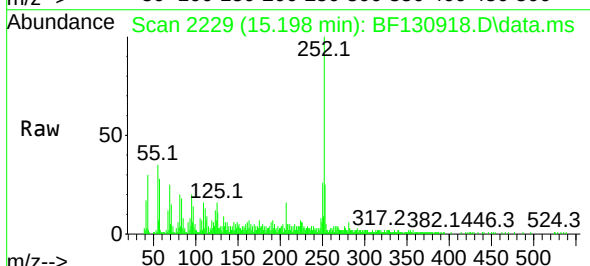
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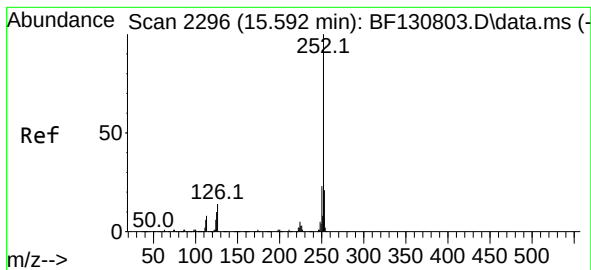
Reviewed By :Christian Giraldo 11/02/2022
Supervised By :Jagrut Upadhyay 11/02/2022



#88
Benzo(b)fluoranthene
Concen: 6.646 ng m
RT: 15.198 min Scan# 2229
Delta R.T. 0.006 min
Lab File: BF130918.D
Acq: 02 Nov 2022 00:49

Tgt Ion:252 Resp: 39097
Ion Ratio Lower Upper
252 100
253 25.0 17.5 26.3
125 15.9 7.0 10.4#





#90

Benzo(a)pyrene

Concen: 7.354 ng

RT: 15.580 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF130918.D

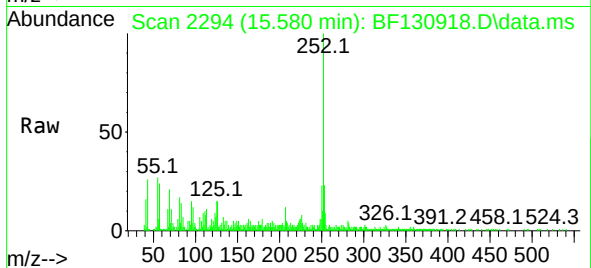
Acq: 02 Nov 2022 00:49

Instrument :

BNA_F

ClientSampleId :

LSP-SS-06-00-20



Tgt Ion:	252	Resp:	3477
Ion Ratio	Lower	Upper	
252	100		
253	23.3	16.8	25.2
125	14.8	8.3	12.5

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 11/02/2022

Supervised By :Jagrut Upadhyay 11/02/2022

