

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110222\
 Data File : BF130945.D
 Acq On : 02 Nov 2022 23:19
 Operator : CG\JU
 Sample : N5395-05
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S-4-103122

Quant Time: Nov 03 03:49:24 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 03 03:37:09 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 11/03/2022
 Supervised By : Jagrut Upadhyay 11/03/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.922	152	60677	20.000	ng	0.00
21) Naphthalene-d8	8.210	136	203693	20.000	ng	# 0.00
39) Acenaphthene-d10	9.969	164	86046	20.000	ng	0.00
64) Phenanthrene-d10	11.457	188	135504	20.000	ng	-0.01
76) Chrysene-d12	14.109	240	147216	20.000	ng	-0.01
86) Perylene-d12	15.621	264	147024	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.539	112	409171	116.905	ng	0.00
7) Phenol-d6	6.545	99	492261	108.230	ng	0.00
23) Nitrobenzene-d5	7.486	82	318661	94.333	ng	0.00
42) 2,4,6-Tribromophenol	10.757	330	87241	120.443	ng	-0.01
45) 2-Fluorobiphenyl	9.286	172	405303	71.214	ng	0.00
79) Terphenyl-d14	13.051	244	363433	45.238	ng	0.00
Target Compounds						Qvalue
20) 3+4-Methylphenols	7.316	107	14837	3.424	ng	86
71) Phenanthrene	11.480	178	26170	3.742	ng	97
75) Fluoranthene	12.674	202	66406	8.937	ng	99
78) Pyrene	12.910	202	59860	4.820	ng	98
81) Benzo(a)anthracene	14.098	228	38994	3.995	ng	97
83) Chrysene	14.133	228	35023	3.720	ng	95
88) Benzo(b)fluoranthene	15.168	252	48084m	5.059	ng	
90) Benzo(a)pyrene	15.551	252	32842	4.299	ng	95
92) Benzo(g,h,i)perylene	17.615	276	16706	2.057	ng	97

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

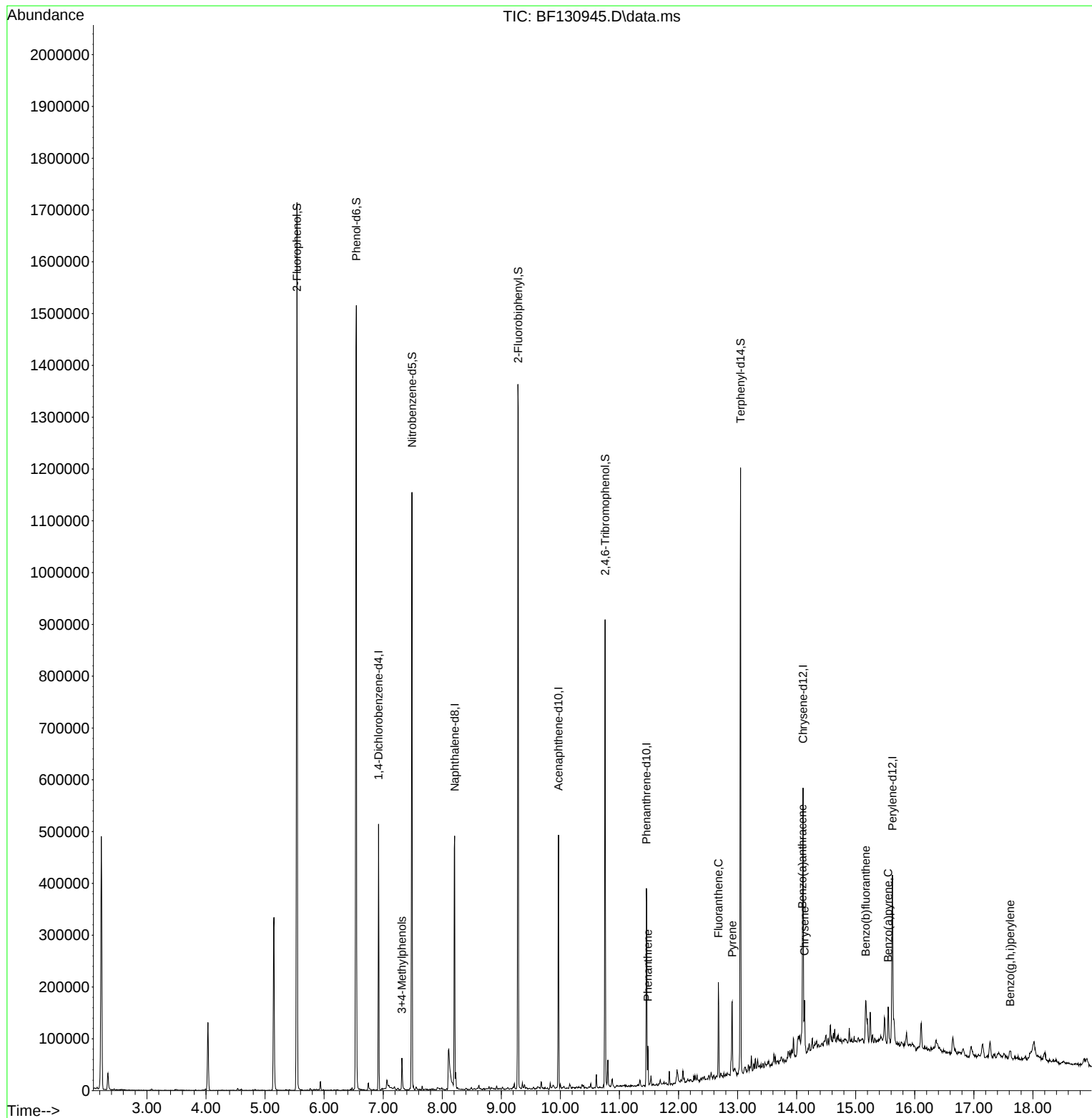
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110222\
Data File : BF130945.D
Acq On : 02 Nov 2022 23:19
Operator : CG\JU
Sample : N5395-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
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Quant Time: Nov 03 03:49:24 2022
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Manual Integrations
APPROVED

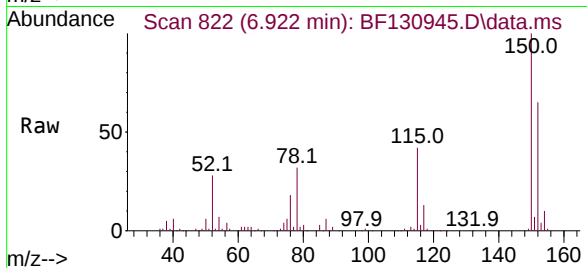
Reviewed By : Christian Giraldo 11/03/2022
Supervised By : Jagrut Upadhyay 11/03/2022





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.922 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF130945.D
Acq: 02 Nov 2022 23:19

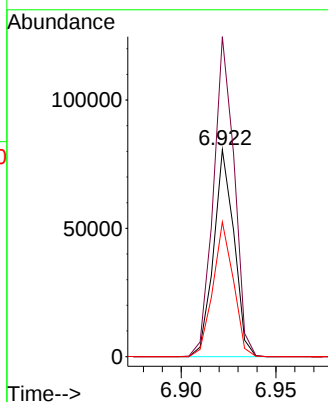
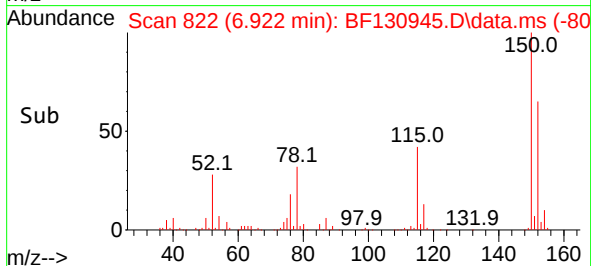
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BNA_F
ClientSampleId :
S-4-103122



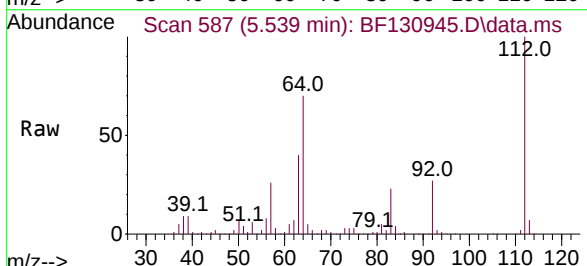
Tgt Ion:152 Resp: 60672
Ion Ratio Lower Upper
152 100
150 154.6 124.1 186.1
115 65.1 50.1 75.1

Manual Integrations
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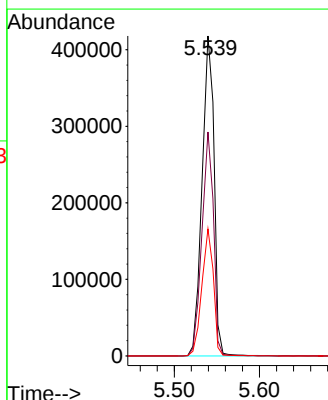
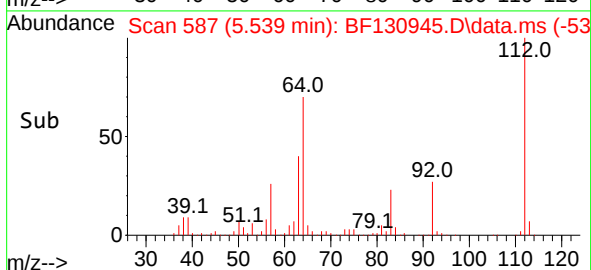
Reviewed By :Christian Giraldo 11/03/2022
Supervised By :Jagrut Upadhyay 11/03/2022



#5
2-Fluorophenol
Concen: 116.905 ng
RT: 5.539 min Scan# 587
Delta R.T. -0.000 min
Lab File: BF130945.D
Acq: 02 Nov 2022 23:19



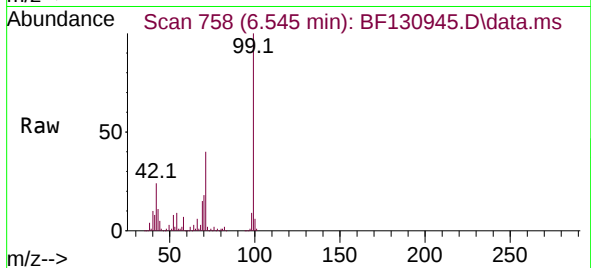
Tgt Ion:112 Resp: 409171
Ion Ratio Lower Upper
112 100
64 70.0 53.9 80.9
63 39.7 29.4 44.2





#7
Phenol-d6
Concen: 108.230 ng
RT: 6.545 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF130945.D
Acq: 02 Nov 2022 23:19

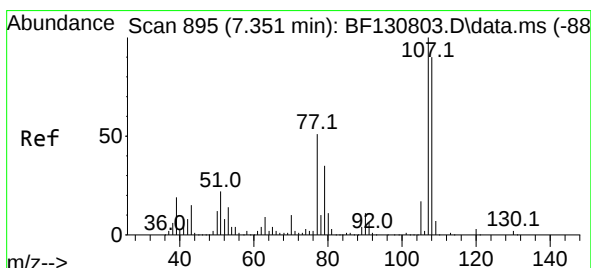
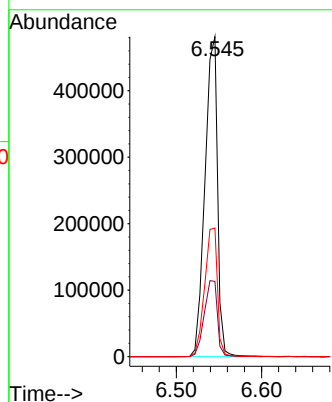
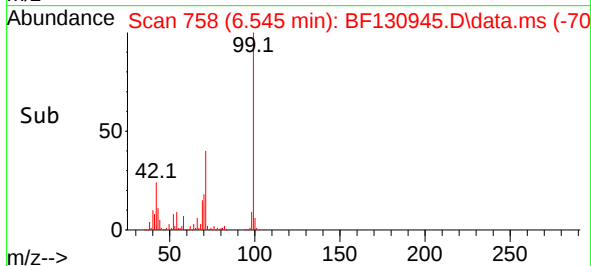
Instrument :
BNA_F
ClientSampleId :
S-4-103122



Tgt Ion: 99 Resp: 492261
Ion Ratio Lower Upper
99 100
42 23.5 18.8 28.2
71 40.2 31.4 47.0

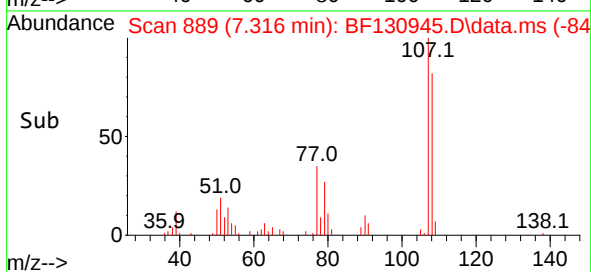
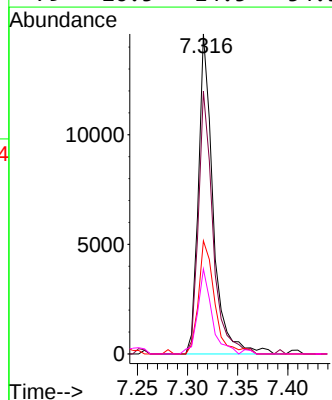
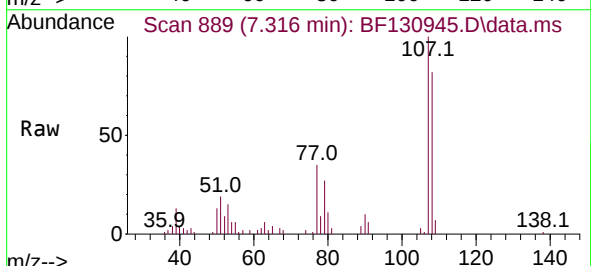
Manual Integrations
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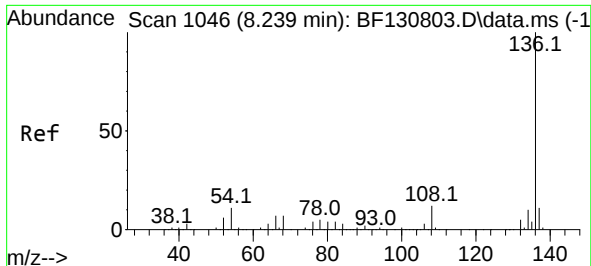
Reviewed By :Christian Giraldo 11/03/2022
Supervised By :Jagrut Upadhyay 11/03/2022



#20
3+4-Methylphenols
Concen: 3.424 ng
RT: 7.316 min Scan# 889
Delta R.T. -0.012 min
Lab File: BF130945.D
Acq: 02 Nov 2022 23:19

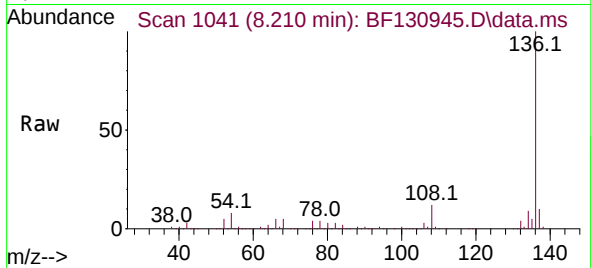
Tgt Ion:107 Resp: 14837
Ion Ratio Lower Upper
107 100
108 82.1 70.4 110.4
77 35.3 31.1 71.1
79 26.5 14.5 54.5





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.210 min Scan# 1041
Delta R.T. -0.006 min
Lab File: BF130945.D
Acq: 02 Nov 2022 23:19

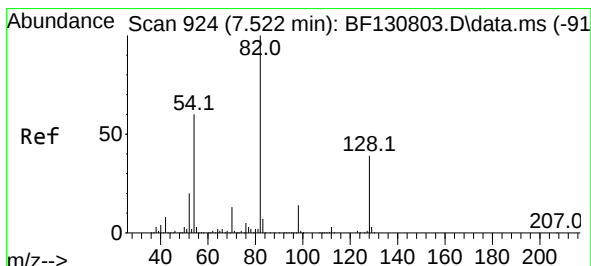
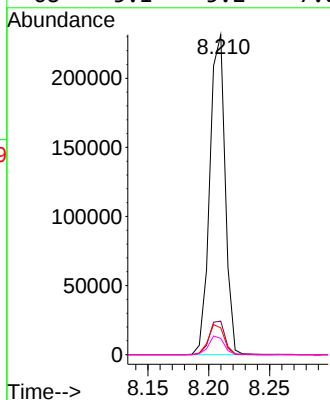
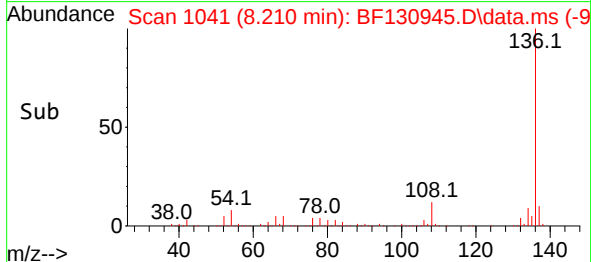
Instrument :
BNA_F
ClientSampleId :
S-4-103122



Tgt Ion:136 Resp: 203693
Ion Ratio Lower Upper
136 100
137 10.5 9.2 13.8
54 8.4 8.8 13.2
68 5.1 5.2 7.8#

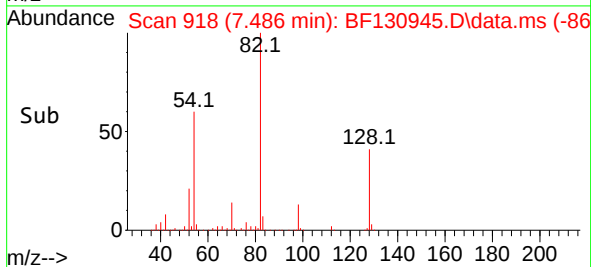
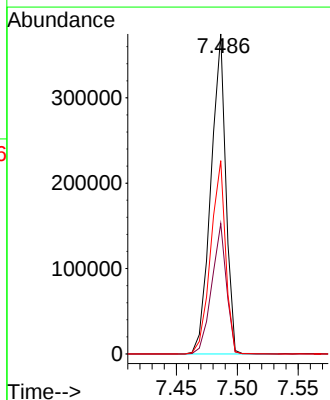
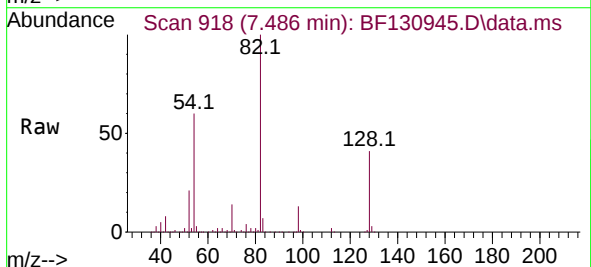
Manual Integrations
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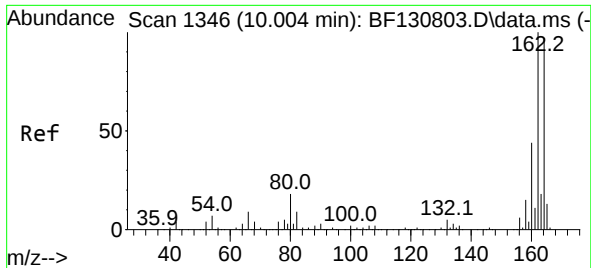
Reviewed By :Christian Giraldo 11/03/2022
Supervised By :Jagrut Upadhyay 11/03/2022



#23
Nitrobenzene-d5
Concen: 94.333 ng
RT: 7.486 min Scan# 918
Delta R.T. -0.006 min
Lab File: BF130945.D
Acq: 02 Nov 2022 23:19

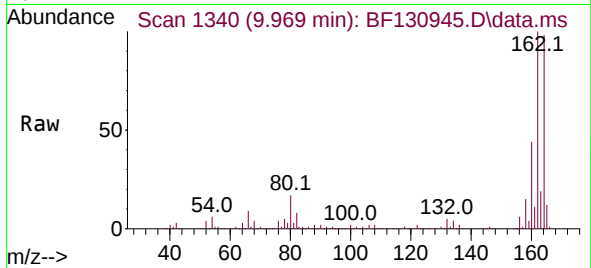
Tgt Ion: 82 Resp: 318661
Ion Ratio Lower Upper
82 100
128 40.7 31.2 46.8
54 60.4 48.0 72.0





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.969 min Scan# 1346
Delta R.T. -0.006 min
Lab File: BF130945.D
Acq: 02 Nov 2022 23:19

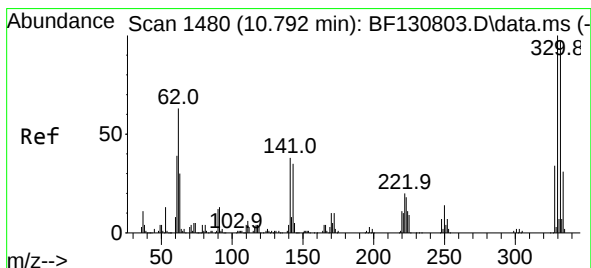
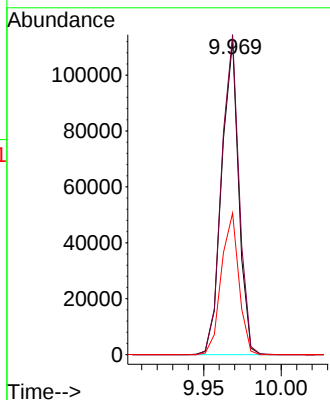
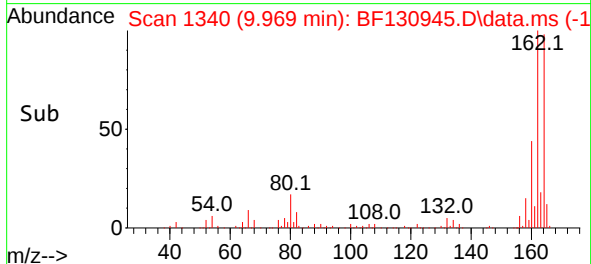
Instrument :
BNA_F
ClientSampleId :
S-4-103122



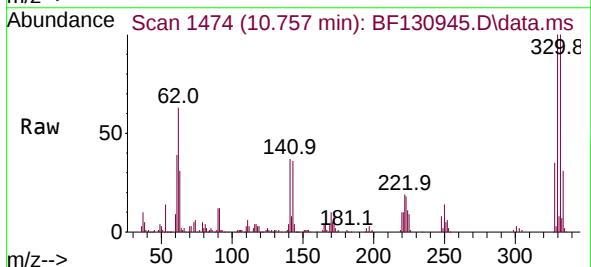
Tgt Ion:164 Resp: 86046
Ion Ratio Lower Upper
164 100
162 101.8 82.2 123.2
160 45.0 36.6 54.8

Manual Integrations
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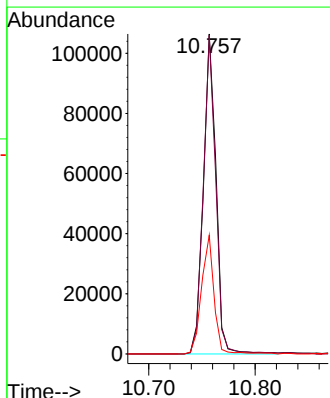
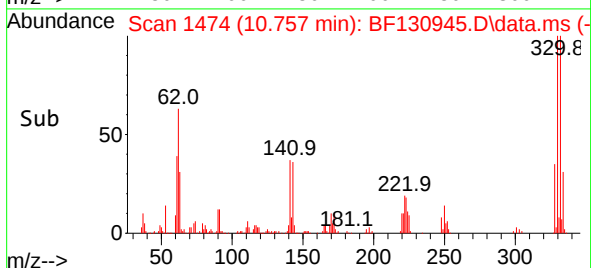
Reviewed By :Christian Giraldo 11/03/2022
Supervised By :Jagrut Upadhyay 11/03/2022

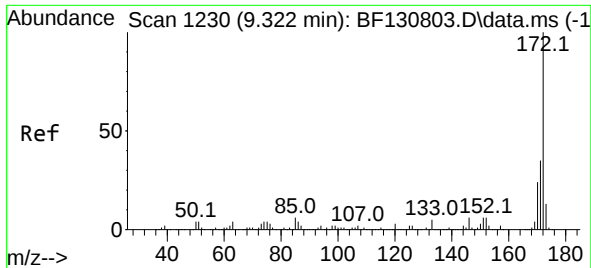


#42
2,4,6-Tribromophenol
Concen: 120.443 ng
RT: 10.757 min Scan# 1474
Delta R.T. -0.012 min
Lab File: BF130945.D
Acq: 02 Nov 2022 23:19



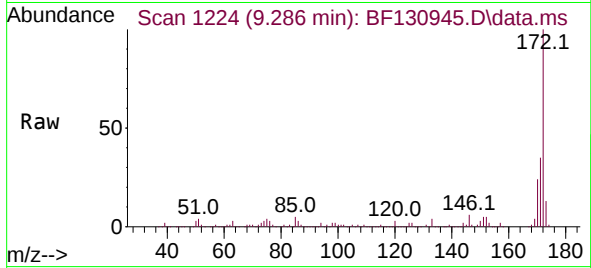
Tgt Ion:330 Resp: 87241
Ion Ratio Lower Upper
330 100
332 97.9 76.2 114.4
141 36.9 31.4 47.0





#45
2-Fluorobiphenyl
Concen: 71.214 ng
RT: 9.286 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF130945.D
Acq: 02 Nov 2022 23:19

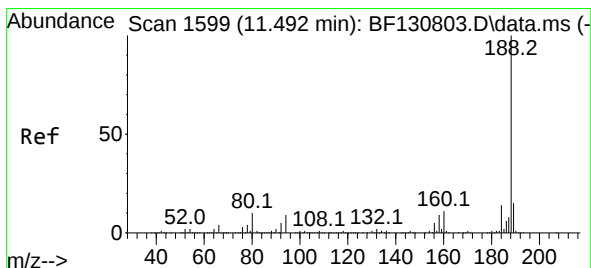
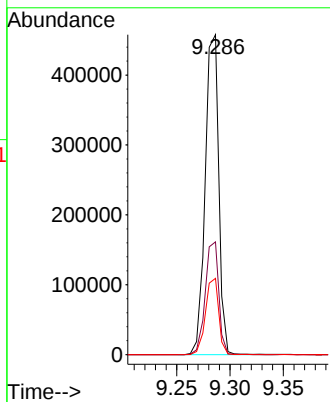
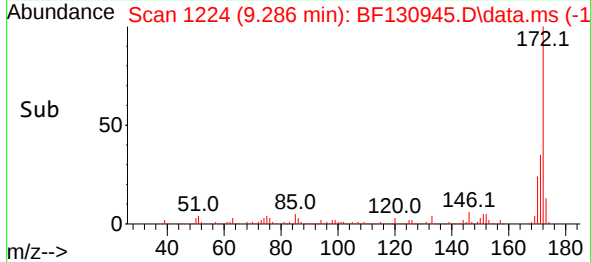
Instrument :
BNA_F
ClientSampleId :
S-4-103122



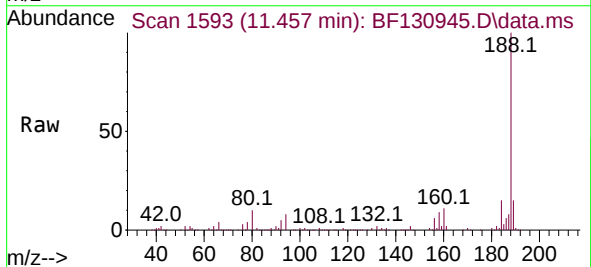
Tgt Ion:172 Resp: 405303
Ion Ratio Lower Upper
172 100
171 35.2 28.1 42.1
170 23.8 19.0 28.4

Manual Integrations
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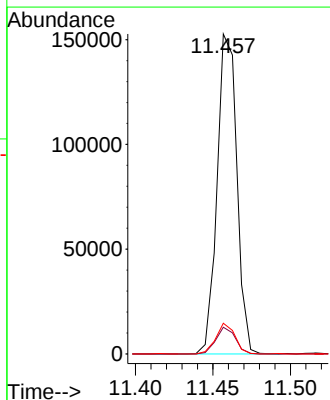
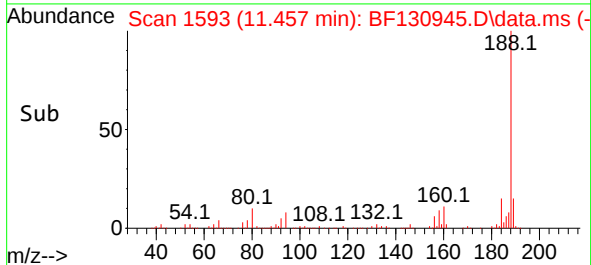
Reviewed By :Christian Giraldo 11/03/2022
Supervised By :Jagrut Upadhyay 11/03/2022

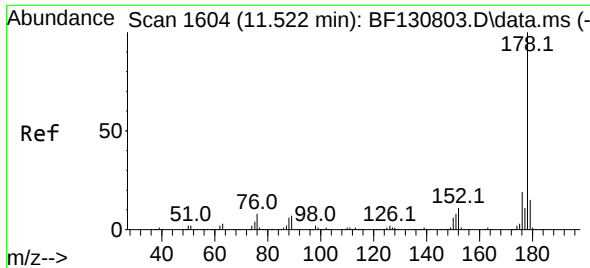


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.457 min Scan# 1593
Delta R.T. -0.012 min
Lab File: BF130945.D
Acq: 02 Nov 2022 23:19



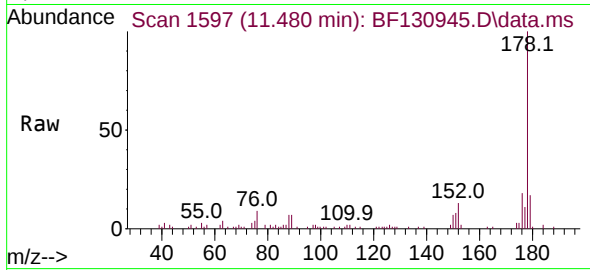
Tgt Ion:188 Resp: 135504
Ion Ratio Lower Upper
188 100
94 8.3 7.4 11.2
80 9.6 8.0 12.0





#71
Phenanthrene
Concen: 3.742 ng
RT: 11.480 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF130945.D
Acq: 02 Nov 2022 23:19

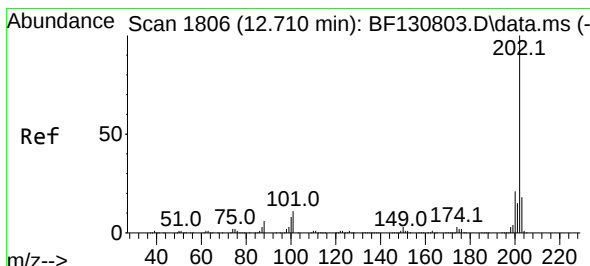
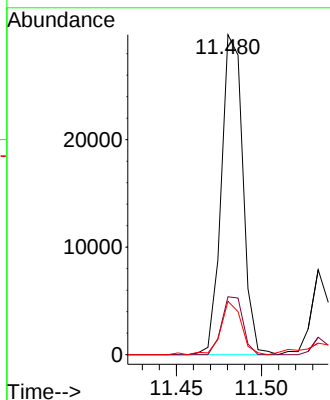
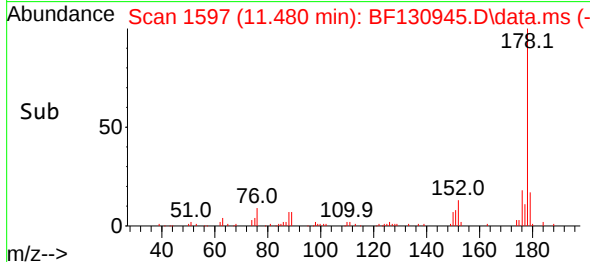
Instrument :
BNA_F
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S-4-103122



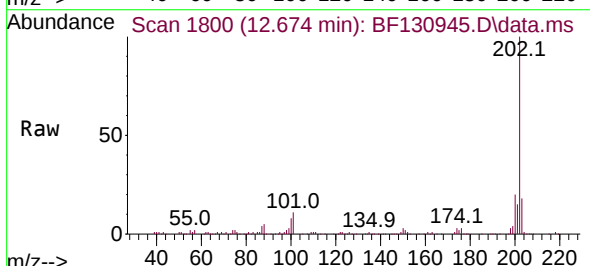
Tgt Ion:178 Resp: 26170
Ion Ratio Lower Upper
178 100
176 18.1 15.5 23.3
179 16.7 12.2 18.2

Manual Integrations
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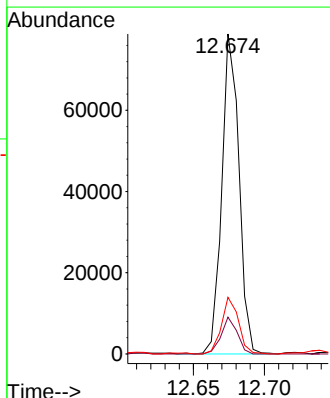
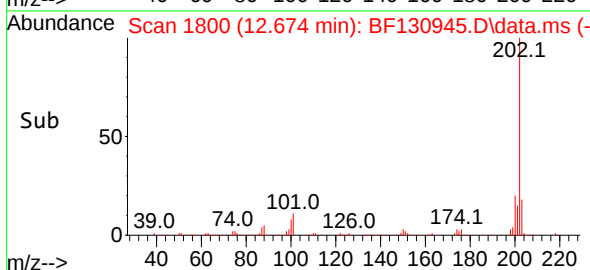
Reviewed By :Christian Giraldo 11/03/2022
Supervised By :Jagrut Upadhyay 11/03/2022

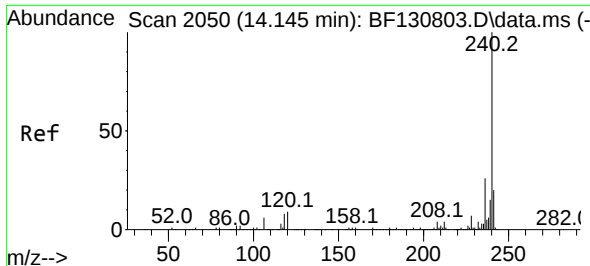


#75
Fluoranthene
Concen: 8.937 ng
RT: 12.674 min Scan# 1800
Delta R.T. -0.012 min
Lab File: BF130945.D
Acq: 02 Nov 2022 23:19



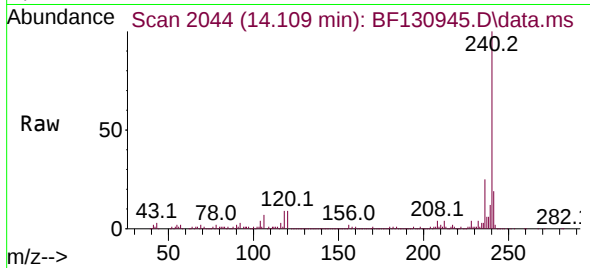
Tgt Ion:202 Resp: 66406
Ion Ratio Lower Upper
202 100
101 11.5 0.0 30.9
203 17.7 0.0 37.7





#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.109 min Scan# 2044
Delta R.T. -0.012 min
Lab File: BF130945.D
Acq: 02 Nov 2022 23:19

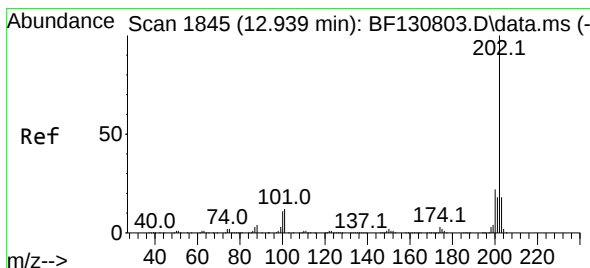
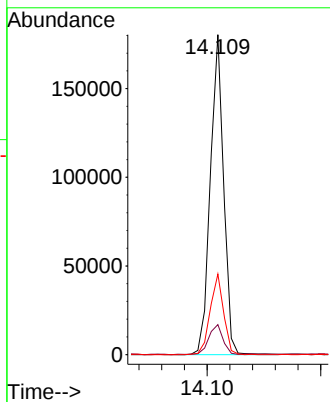
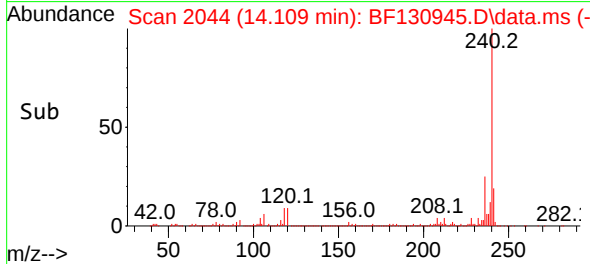
Instrument :
BNA_F
ClientSampleId :
S-4-103122



Tgt Ion:240 Resp: 147216
Ion Ratio Lower Upper
240 100
120 9.4 7.0 10.4
236 25.2 20.5 30.7

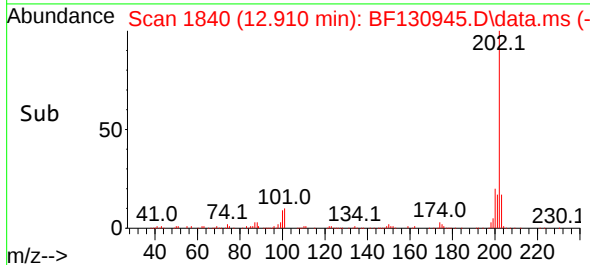
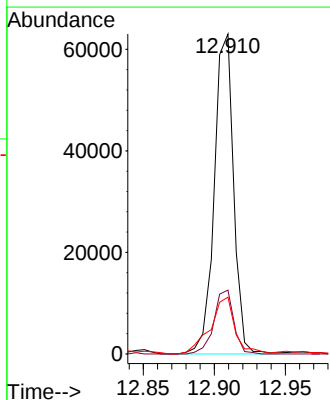
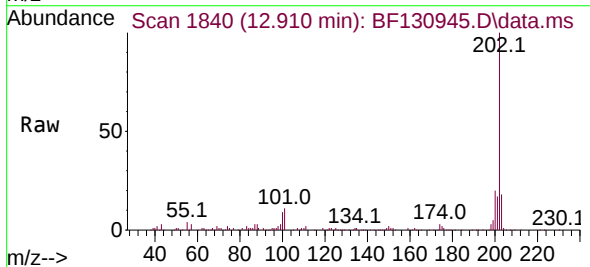
Manual Integrations
APPROVED

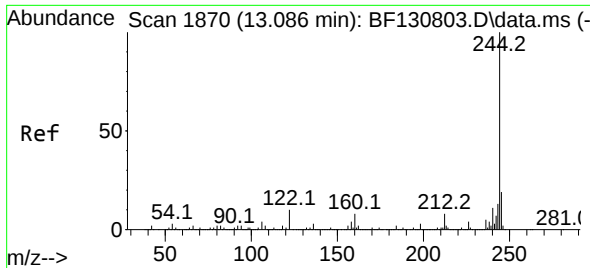
Reviewed By :Christian Giraldo 11/03/2022
Supervised By :Jagrut Upadhyay 11/03/2022



#78
Pyrene
Concen: 4.820 ng
RT: 12.910 min Scan# 1840
Delta R.T. -0.006 min
Lab File: BF130945.D
Acq: 02 Nov 2022 23:19

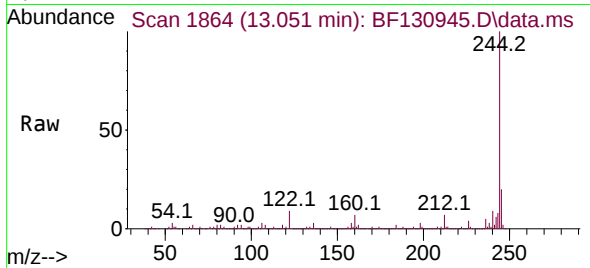
Tgt Ion:202 Resp: 59860
Ion Ratio Lower Upper
202 100
200 19.9 17.2 25.8
203 17.7 14.5 21.7





#79
 Terphenyl-d14
 Concen: 45.238 ng
 RT: 13.051 min Scan# 1870
 Delta R.T. -0.006 min
 Lab File: BF130945.D
 Acq: 02 Nov 2022 23:19

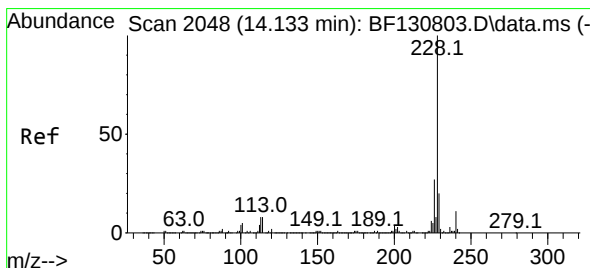
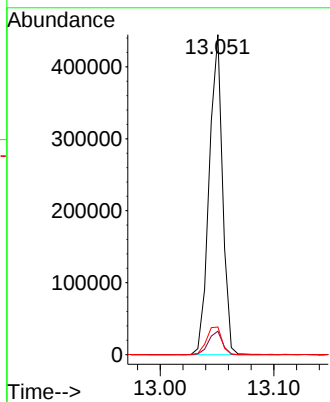
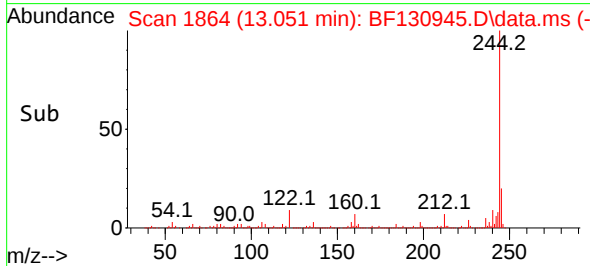
Instrument :
 BNA_F
 ClientSampleId :
 S-4-103122



Tgt Ion:244 Resp: 363433
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.2 9.2
 122 8.6 7.9 11.9

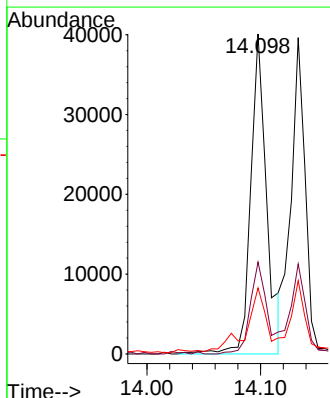
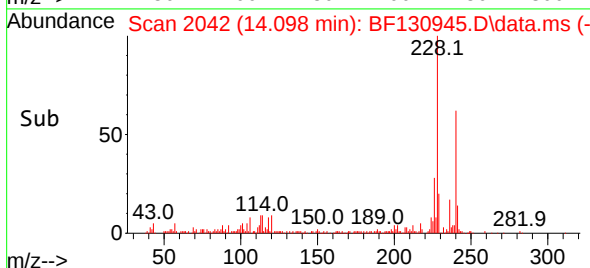
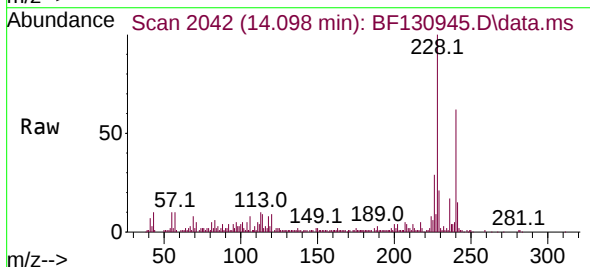
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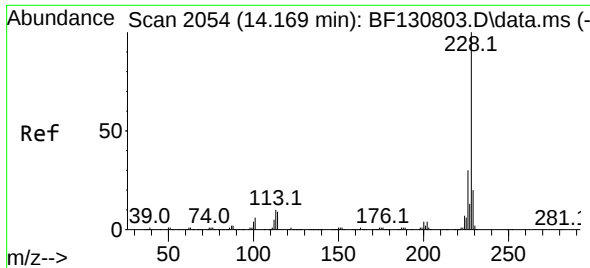
Reviewed By :Christian Giraldo 11/03/2022
 Supervised By :Jagrut Upadhyay 11/03/2022



#81
 Benzo(a)anthracene
 Concen: 3.995 ng
 RT: 14.098 min Scan# 2042
 Delta R.T. -0.012 min
 Lab File: BF130945.D
 Acq: 02 Nov 2022 23:19

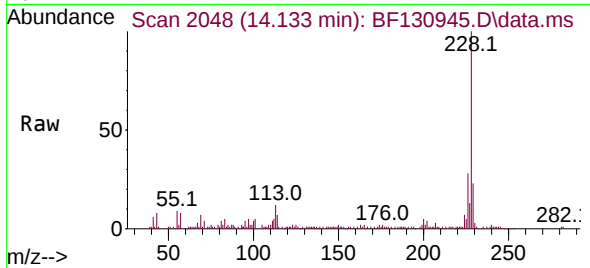
Tgt Ion:228 Resp: 38994
 Ion Ratio Lower Upper
 228 100
 226 28.7 21.4 32.2
 229 20.6 15.8 23.6





#83
Chrysene
Concen: 3.720 ng
RT: 14.133 min Scan# 2054
Delta R.T. -0.012 min
Lab File: BF130945.D
Acq: 02 Nov 2022 23:19

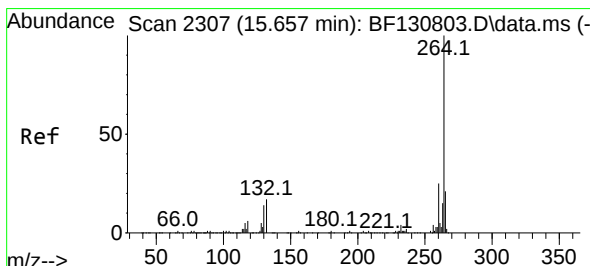
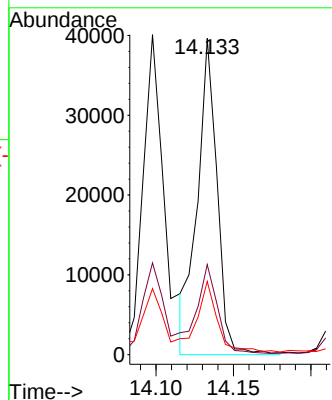
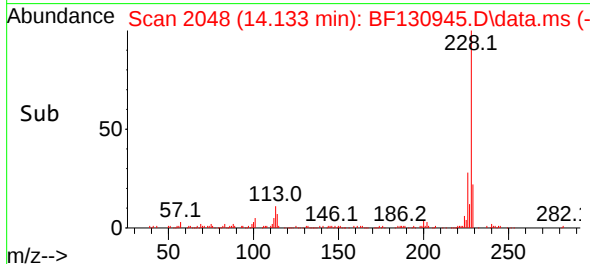
Instrument :
BNA_F
ClientSampleId :
S-4-103122



Tgt Ion:228 Resp: 35023
Ion Ratio Lower Upper
228 100
226 28.4 23.9 35.9
229 23.1 15.8 23.6

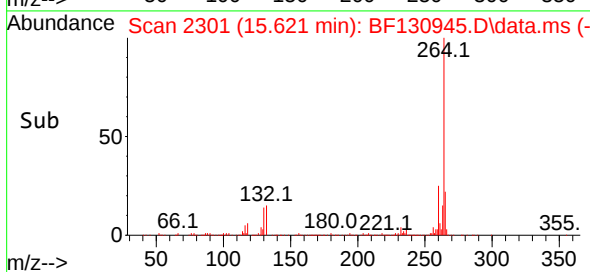
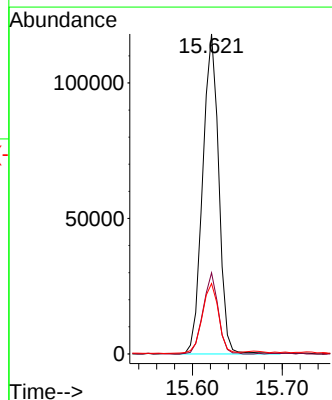
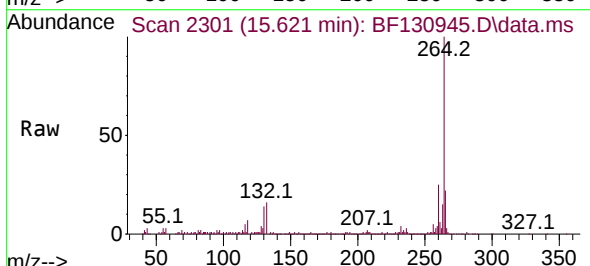
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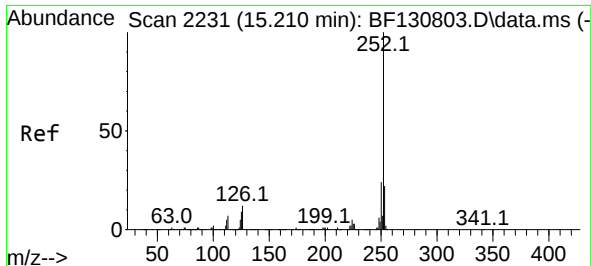
Reviewed By :Christian Giraldo 11/03/2022
Supervised By :Jagrut Upadhyay 11/03/2022



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.621 min Scan# 2301
Delta R.T. -0.006 min
Lab File: BF130945.D
Acq: 02 Nov 2022 23:19

Tgt Ion:264 Resp: 147024
Ion Ratio Lower Upper
264 100
260 25.3 19.9 29.9
265 22.0 17.0 25.6





#88

Benzo(b)fluoranthene

Concen: 5.059 ng m

RT: 15.168 min Scan# 221

Delta R.T. -0.012 min

Lab File: BF130945.D

Acq: 02 Nov 2022 23:19

Instrument :

BNA_F

ClientSampleId :

S-4-103122

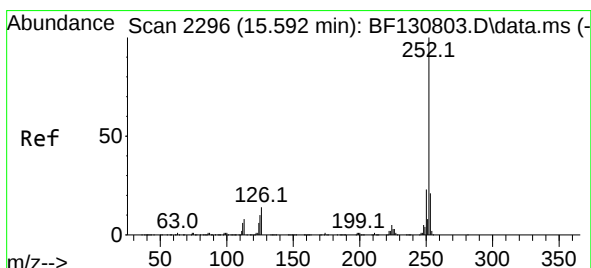
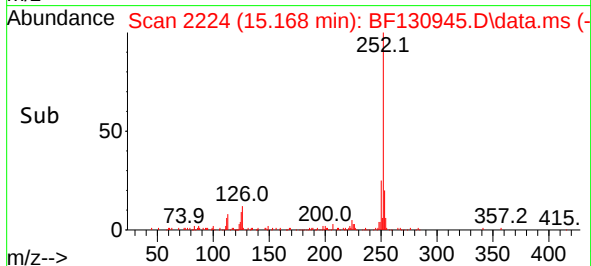
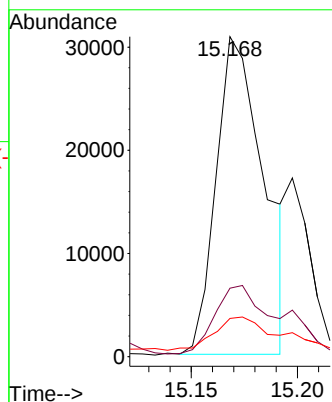
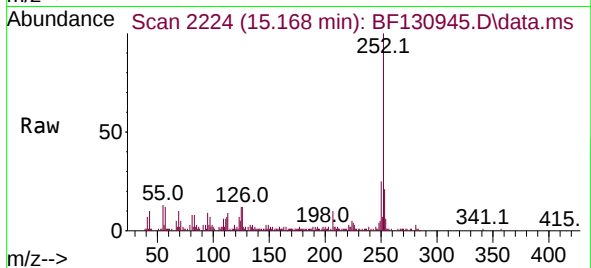
Tgt Ion:252	Resp:	48084
Ion Ratio	Lower	Upper
252	100	
253	21.4	17.5 26.3
125	11.9	7.0 10.4

Manual Integrations

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Reviewed By :Christian Giraldo 11/03/2022

Supervised By :Jagrut Upadhyay 11/03/2022



#90

Benzo(a)pyrene

Concen: 4.299 ng

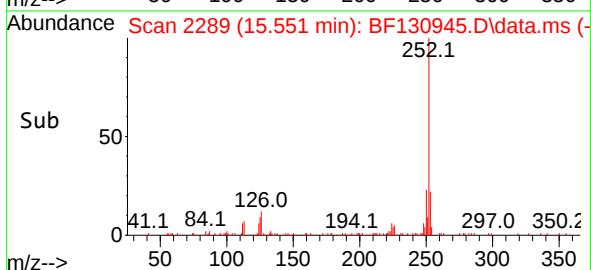
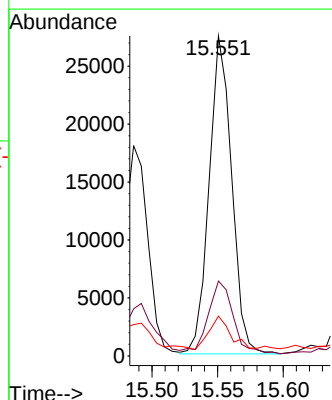
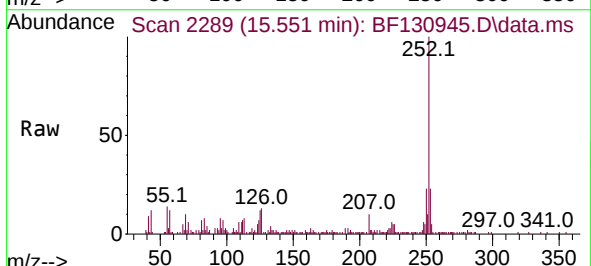
RT: 15.551 min Scan# 2289

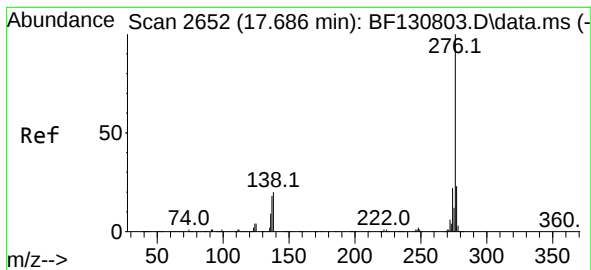
Delta R.T. -0.018 min

Lab File: BF130945.D

Acq: 02 Nov 2022 23:19

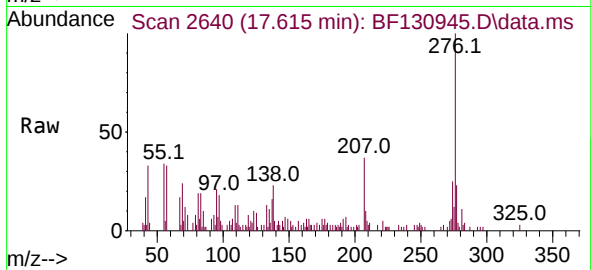
Tgt Ion:252	Resp:	32842
Ion Ratio	Lower	Upper
252	100	
253	23.4	16.8 25.2
125	12.4	8.3 12.5





#92
 Benzo(g,h,i)perylene
 Concen: 2.057 ng
 RT: 17.615 min Scan# 20
 Delta R.T. -0.035 min
 Lab File: BF130945.D
 Acq: 02 Nov 2022 23:19

Instrument :
 BNA_F
 ClientSampleId :
 S-4-103122



Tgt Ion: 276 Resp: 16700
 Ion Ratio Lower Upper
 276 100
 277 23.0 18.8 28.2
 138 23.0 16.3 24.5

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 11/03/2022
 Supervised By : Jagrut Upadhyay 11/03/2022

