

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF040422\
 Data File : BF127638.D
 Acq On : 04 Apr 2022 18:08
 Operator : CG\JU
 Sample : N2249-03
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-2D

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 04/06/2022
 Supervised By : Jagrut Upadhyay 04/15/2022

Quant Time: Apr 04 21:51:27 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF032122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 29 07:13:31 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.840	152	92220	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	328107	20.000	ng	# 0.00
39) Acenaphthene-d10	9.869	164	197067	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	365987	20.000	ng	0.00
76) Chrysene-d12	14.016	240	266634	20.000	ng	0.00
86) Perylene-d12	15.498	264	203533	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	234382	40.569	ng	0.02
7) Phenol-d6	6.493	99	327521	41.473	ng	0.01
23) Nitrobenzene-d5	7.410	82	651331	84.855	ng	0.00
42) 2,4,6-Tribromophenol	10.669	330	281521	134.104	ng	0.00
45) 2-Fluorobiphenyl	9.192	172	1104523	81.843	ng	0.00
79) Terphenyl-d14	12.951	244	1232694	75.682	ng	0.00
Target Compounds						Qvalue
20) 3+4-Methylphenols	7.263	107	45053	7.331	ng	# 60
27) 2,4-Dimethylphenol	7.793	122	141119m	30.557	ng	
31) Naphthalene	8.145	128	2014812	115.663	ng	97
32) Benzoic acid	7.922	122	16364	11.432	ng	# 78
37) 2-Methylnaphthalene	8.828	142	414997	37.050	ng	100
38) 1-Methylnaphthalene	8.928	142	380908	34.391	ng	99

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

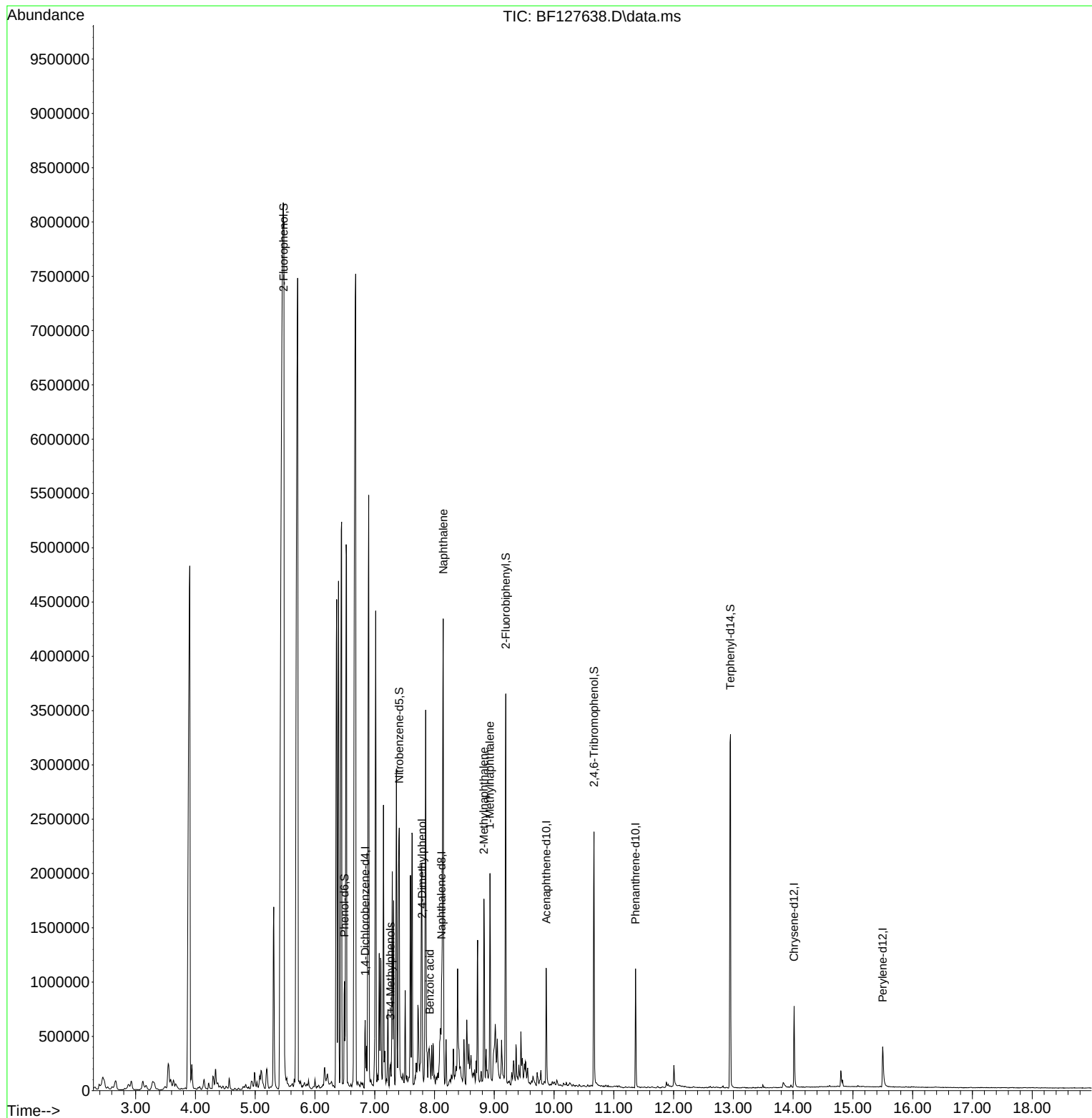
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF040422\
Data File : BF127638.D
Acq On : 04 Apr 2022 18:08
Operator : CG\JU
Sample : N2249-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

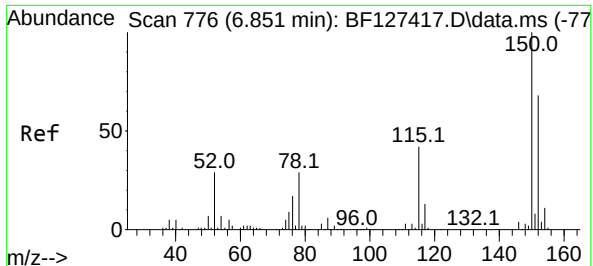
Instrument :
BNA_F
ClientSampleId :
MW-2D

Quant Time: Apr 04 21:51:27 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF032122.M
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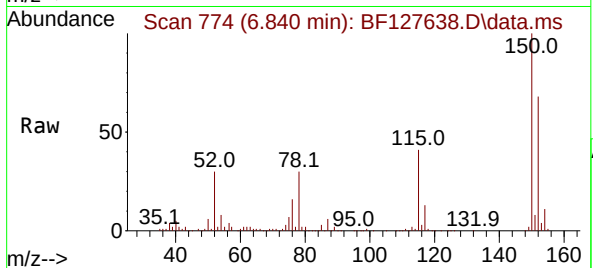
Reviewed By : Christian Giraldo 04/06/2022
Supervised By : Jagrut Upadhyay 04/15/2022





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.840 min Scan# 71
Delta R.T. 0.007 min
Lab File: BF127638.D
Acq: 04 Apr 2022 18:08

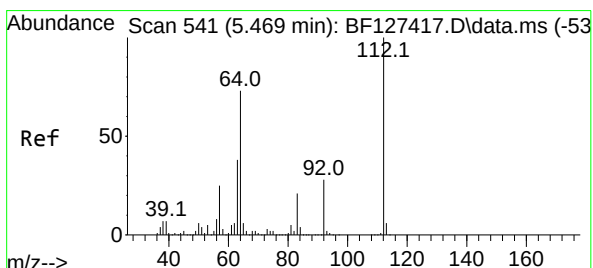
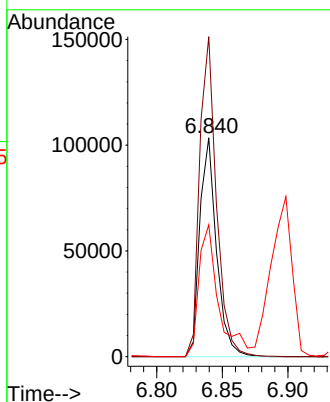
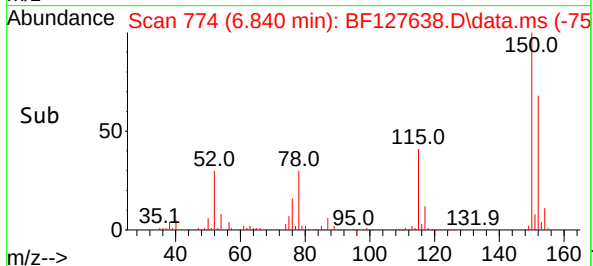
Instrument :
BNA_F
ClientSampleId :
MW-2D



Tgt Ion:152 Resp: 92220
Ion Ratio Lower Upper
152 100
150 146.2 117.2 175.8
115 60.3 49.8 74.6

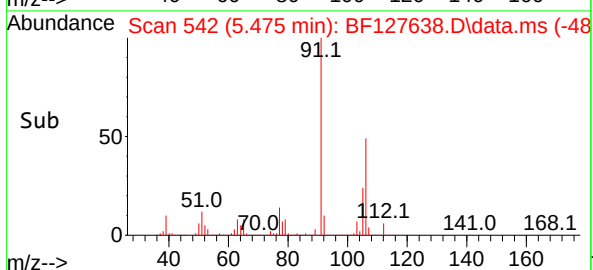
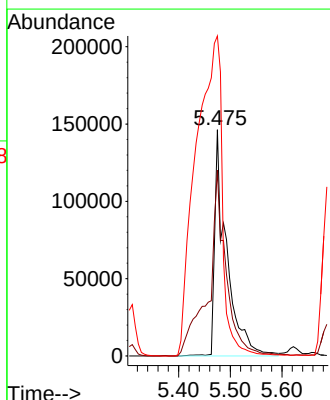
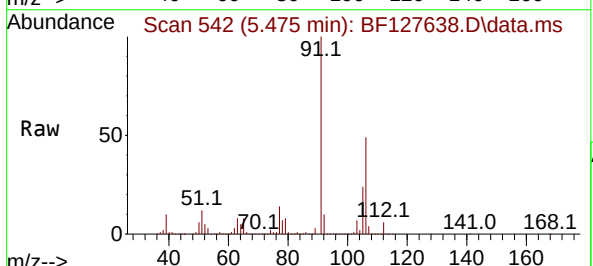
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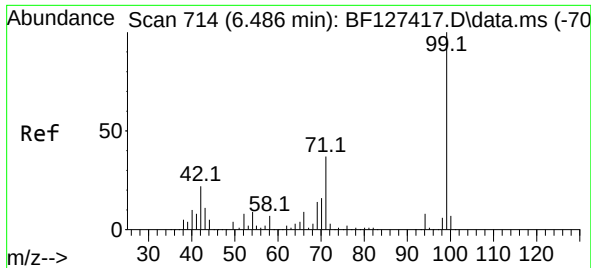
Reviewed By :Christian Giraldo 04/06/2022
Supervised By :Jagrut Upadhyay 04/15/2022



#5
2-Fluorophenol
Concen: 40.569 ng
RT: 5.475 min Scan# 542
Delta R.T. 0.018 min
Lab File: BF127638.D
Acq: 04 Apr 2022 18:08

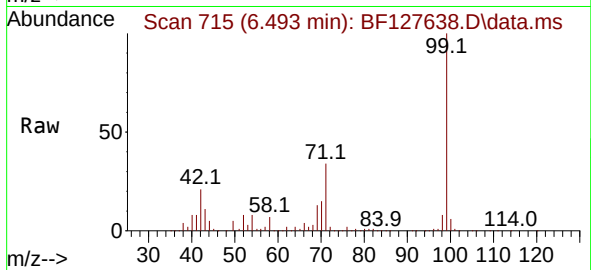
Tgt Ion:112 Resp: 234382
Ion Ratio Lower Upper
112 100
64 82.1 58.4 87.6
63 141.4 30.1 45.1#





#7
Phenol-d6
Concen: 41.473 ng
RT: 6.493 min Scan# 714
Delta R.T. 0.012 min
Lab File: BF127638.D
Acq: 04 Apr 2022 18:08

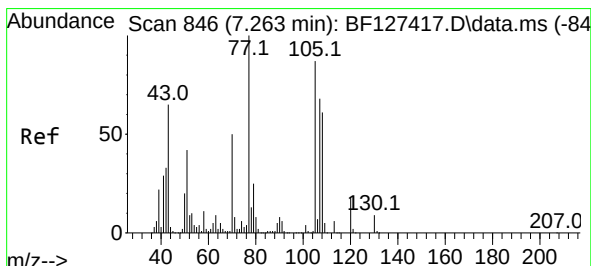
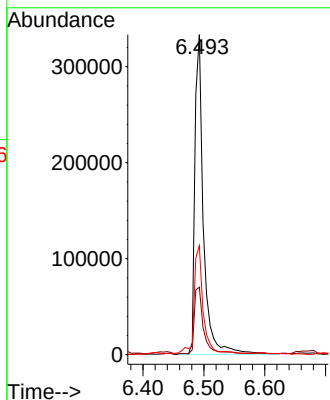
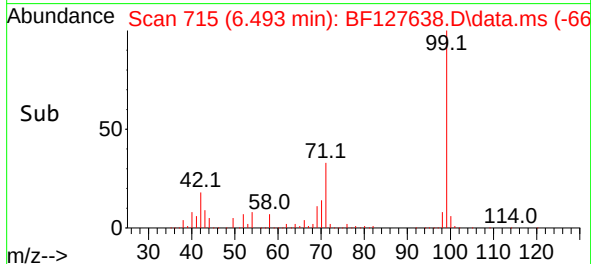
Instrument :
BNA_F
ClientSampleId :
MW-2D



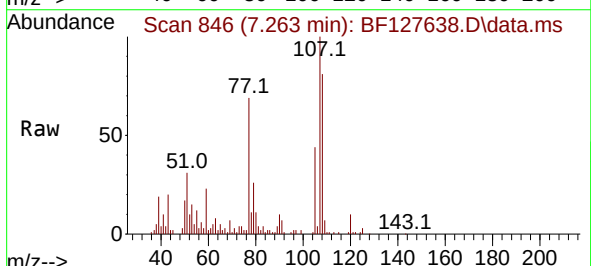
Tgt Ion: 99 Resp: 32752
Ion Ratio Lower Upper
99 100
42 21.1 17.8 26.6
71 34.1 29.6 44.4

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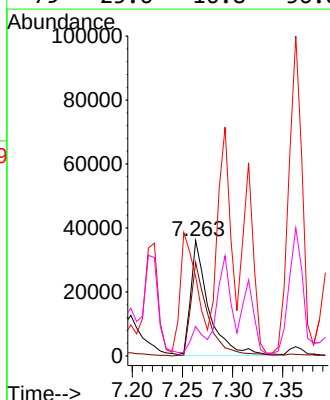
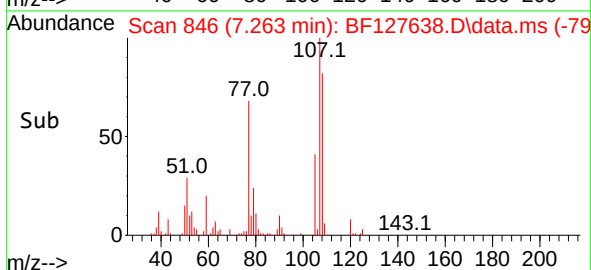
Reviewed By :Christian Giraldo 04/06/2022
Supervised By :Jagrut Upadhyay 04/15/2022

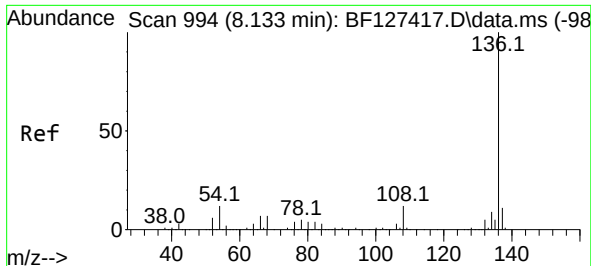


#20
3+4-Methylphenols
Concen: 7.331 ng
RT: 7.263 min Scan# 846
Delta R.T. 0.012 min
Lab File: BF127638.D
Acq: 04 Apr 2022 18:08



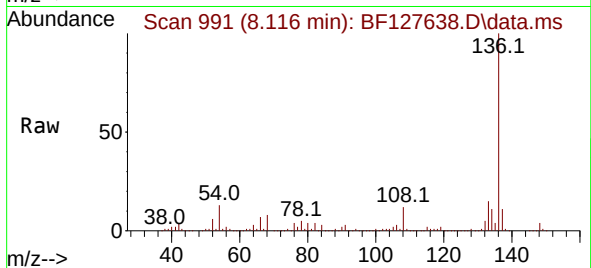
Tgt Ion:107 Resp: 45053
Ion Ratio Lower Upper
107 100
108 81.1 70.7 110.7
77 68.8 127.9 167.9#
79 25.6 16.8 56.8





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.116 min Scan# 994
Delta R.T. 0.000 min
Lab File: BF127638.D
Acq: 04 Apr 2022 18:08

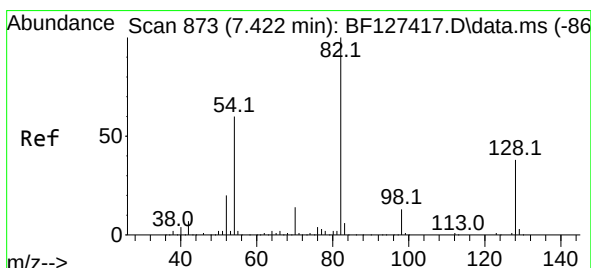
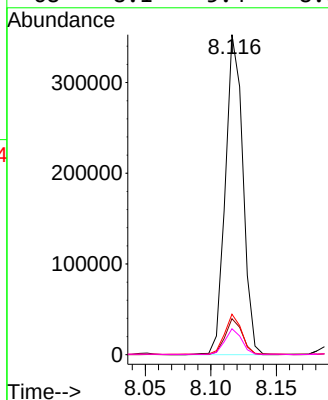
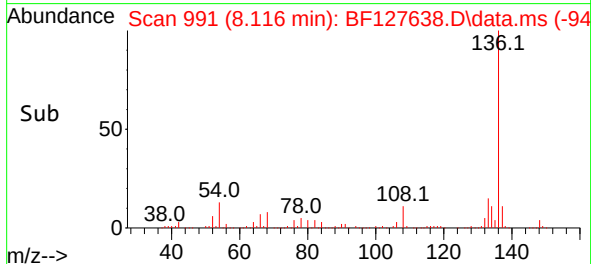
Instrument :
BNA_F
ClientSampleId :
MW-2D



Tgt Ion:136 Resp: 32810
Ion Ratio Lower Upper
136 100
137 11.3 8.6 13.0
54 12.7 9.2 13.8
68 8.1 5.4 8.0#

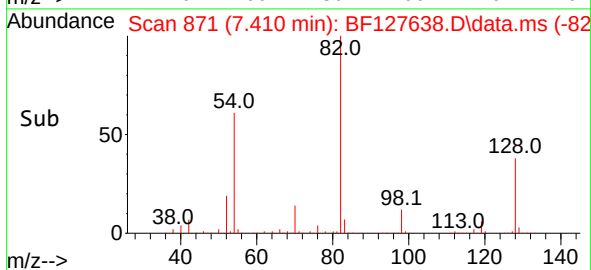
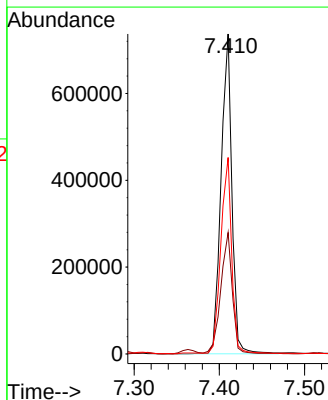
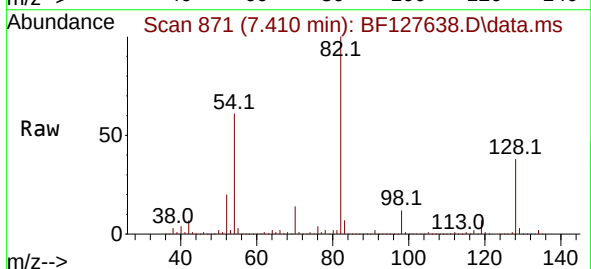
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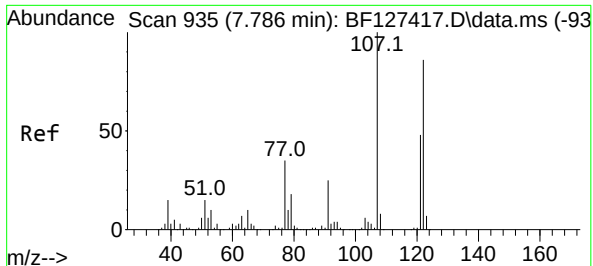
Reviewed By :Christian Giraldo 04/06/2022
Supervised By :Jagrut Upadhyay 04/15/2022



#23
Nitrobenzene-d5
Concen: 84.855 ng
RT: 7.410 min Scan# 871
Delta R.T. 0.000 min
Lab File: BF127638.D
Acq: 04 Apr 2022 18:08

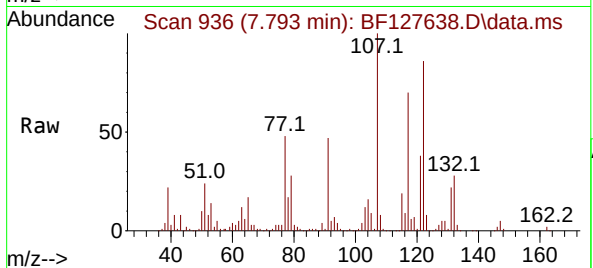
Tgt Ion: 82 Resp: 651331
Ion Ratio Lower Upper
82 100
128 37.9 30.6 45.8
54 61.4 48.2 72.2





#27
2,4-Dimethylphenol
Concen: 30.557 ng m
RT: 7.793 min Scan# 911
Delta R.T. 0.018 min
Lab File: BF127638.D
Acq: 04 Apr 2022 18:08

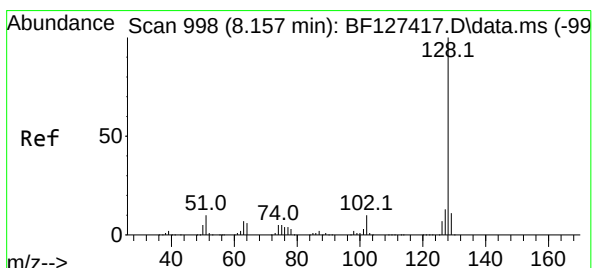
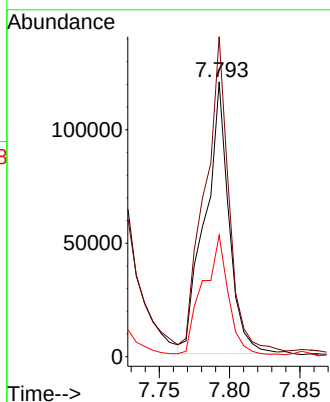
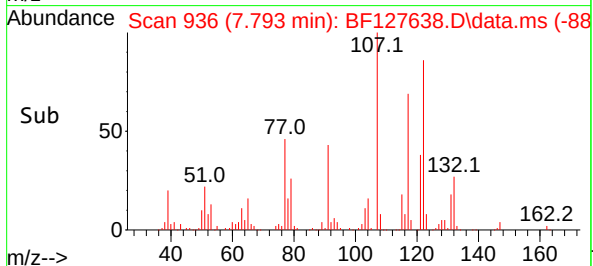
Instrument :
BNA_F
ClientSampleId :
MW-2D



Tgt Ion:122 Resp: 141119
Ion Ratio Lower Upper
122 100
107 116.4 93.0 139.4
121 44.2 44.9 67.3

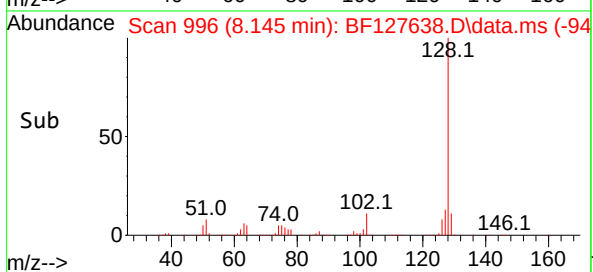
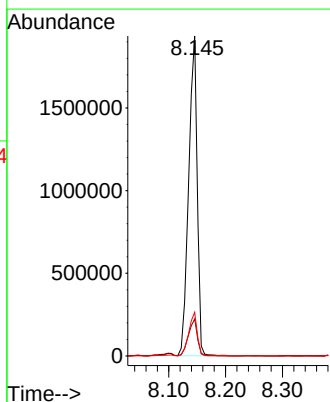
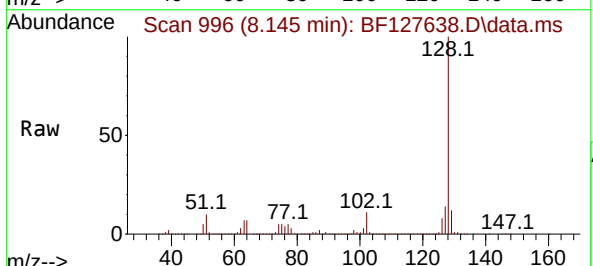
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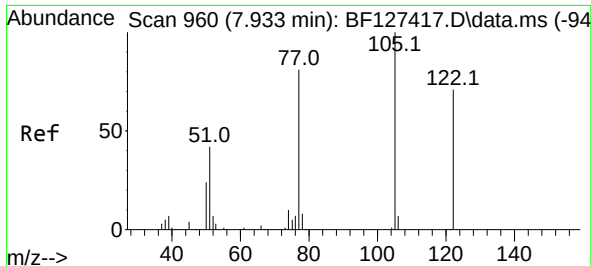
Reviewed By :Christian Giraldo 04/06/2022
Supervised By :Jagrut Upadhyay 04/15/2022



#31
Naphthalene
Concen: 115.663 ng
RT: 8.145 min Scan# 996
Delta R.T. 0.006 min
Lab File: BF127638.D
Acq: 04 Apr 2022 18:08

Tgt Ion:128 Resp: 2014812
Ion Ratio Lower Upper
128 100
129 11.5 8.4 12.6
127 13.6 10.2 15.2





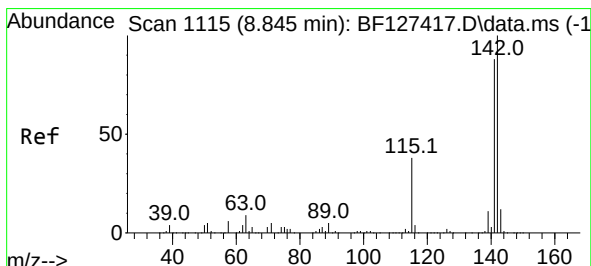
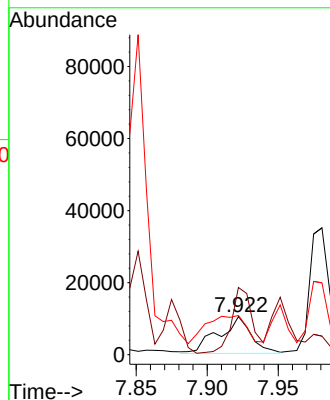
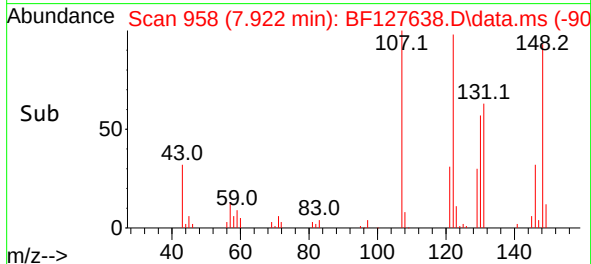
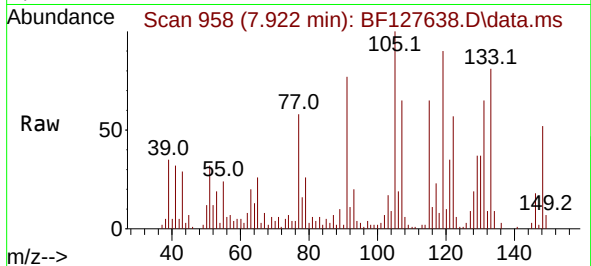
#32
Benzoic acid
Concen: 11.432 ng
RT: 7.922 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF127638.D
Acq: 04 Apr 2022 18:08

Instrument :
BNA_F
ClientSampleId :
MW-2D

Tgt Ion:122 Resp: 16364
Ion Ratio Lower Upper
122 100
105 176.7 117.1 157.1
77 103.3 93.0 133.0

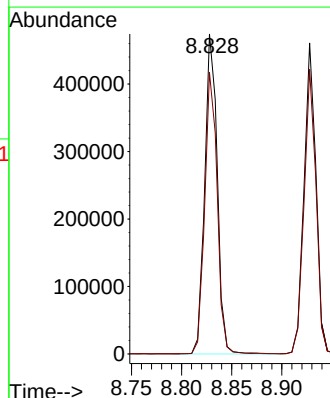
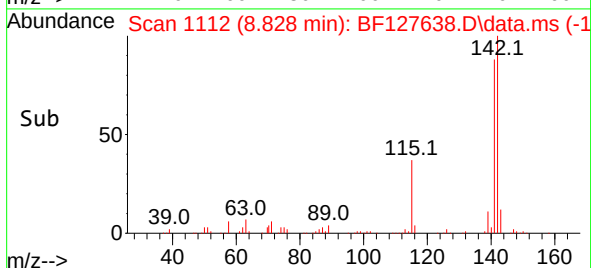
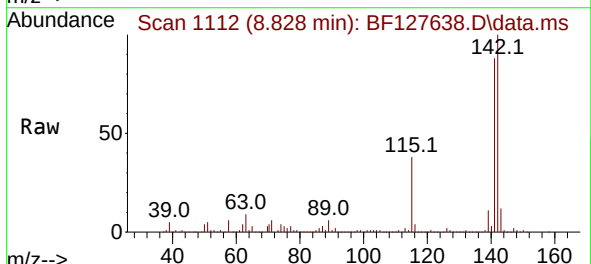
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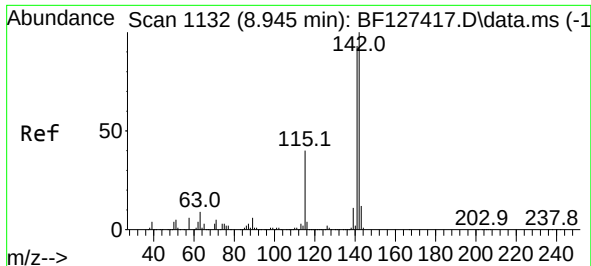
Reviewed By :Christian Giraldo 04/06/2022
Supervised By :Jagrut Upadhyay 04/15/2022



#37
2-Methylnaphthalene
Concen: 37.050 ng
RT: 8.828 min Scan# 1112
Delta R.T. -0.006 min
Lab File: BF127638.D
Acq: 04 Apr 2022 18:08

Tgt Ion:142 Resp: 414997
Ion Ratio Lower Upper
142 100
141 87.9 70.6 106.0





#38

1-Methylnaphthalene

Concen: 34.391 ng

RT: 8.928 min Scan# 1129

Delta R.T. 0.000 min

Lab File: BF127638.D

Acq: 04 Apr 2022 18:08

Instrument :

BNA_F

ClientSampleId :

MW-2D

Tgt Ion:142 Resp: 380908

Ion Ratio Lower Upper

142 100

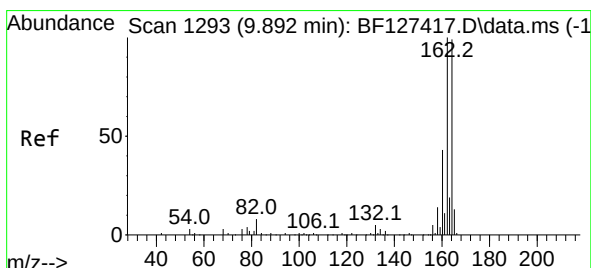
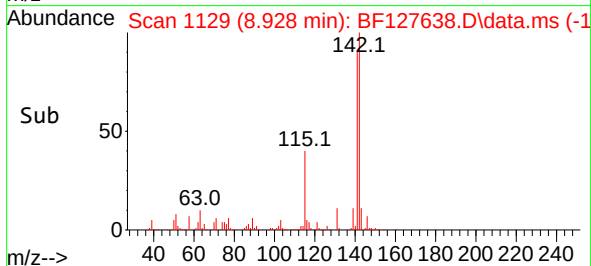
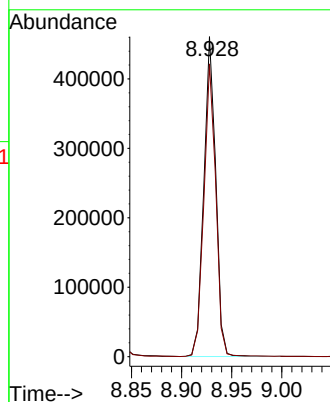
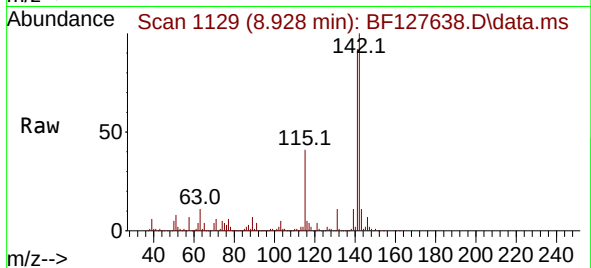
141 91.5 74.2 111.2

Manual Integrations

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Reviewed By :Christian Giraldo 04/06/2022

Supervised By :Jagrut Upadhyay 04/15/2022



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.869 min Scan# 1289

Delta R.T. -0.006 min

Lab File: BF127638.D

Acq: 04 Apr 2022 18:08

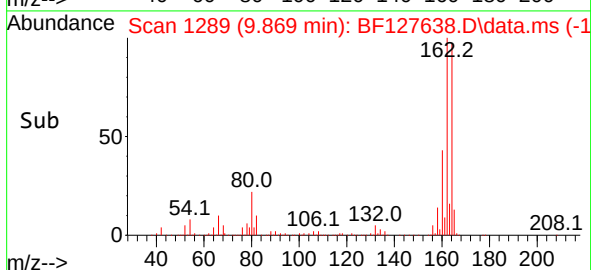
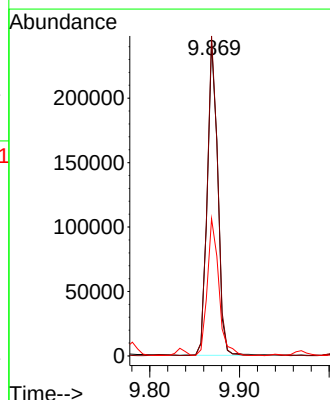
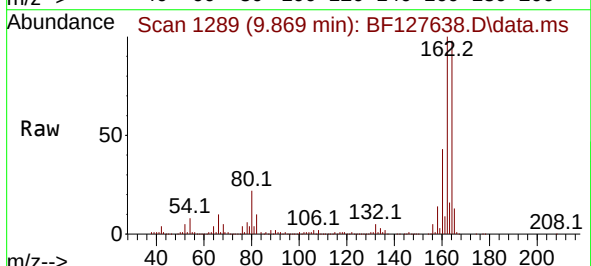
Tgt Ion:164 Resp: 197067

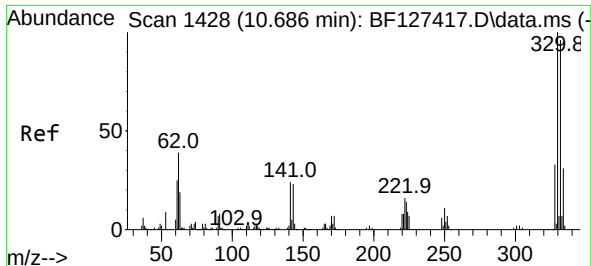
Ion Ratio Lower Upper

164 100

162 102.1 81.2 121.8

160 43.8 34.6 52.0





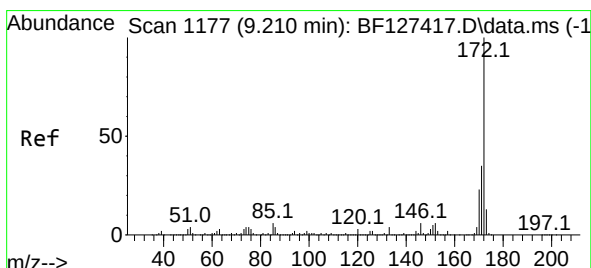
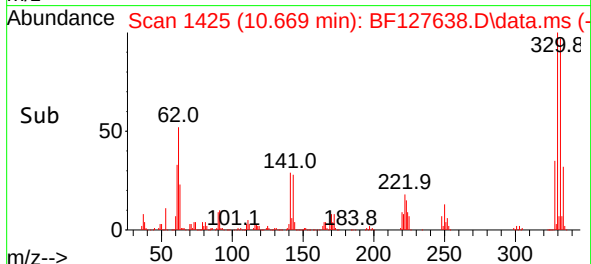
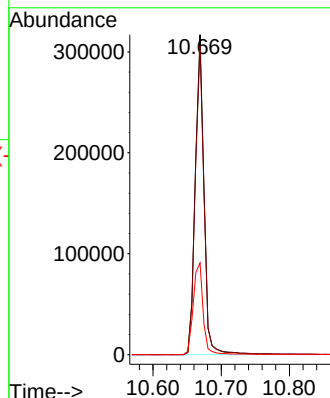
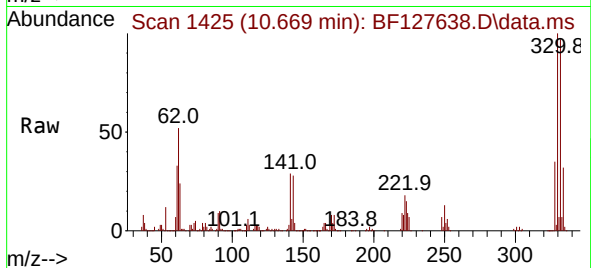
#42
2,4,6-Tribromophenol
Concen: 134.104 ng
RT: 10.669 min Scan# 1425
Delta R.T. 0.000 min
Lab File: BF127638.D
Acq: 04 Apr 2022 18:08

Instrument :
BNA_F
Client Sample Id :
MW-2D

Tgt Ion: 330 Resp: 28152
Ion Ratio Lower Upper
330 100
332 97.8 79.1 118.7
141 32.5 26.2 39.4

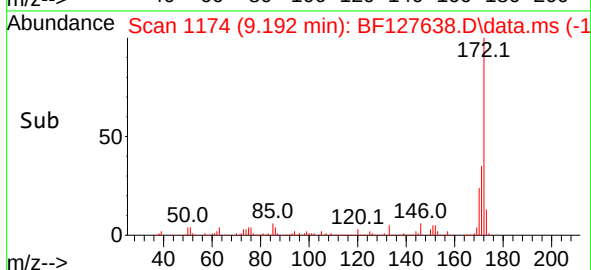
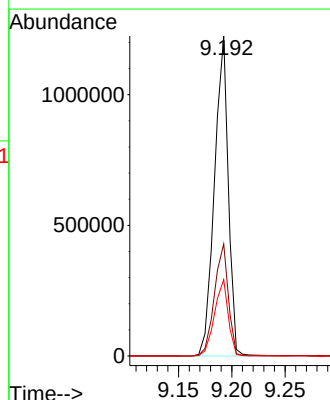
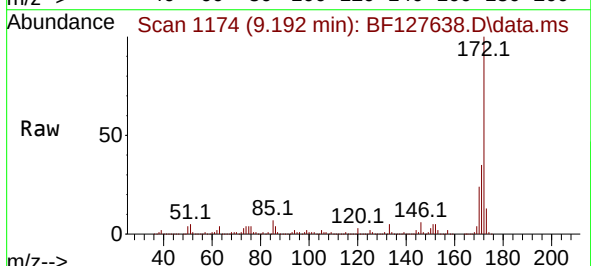
Manual Integrations
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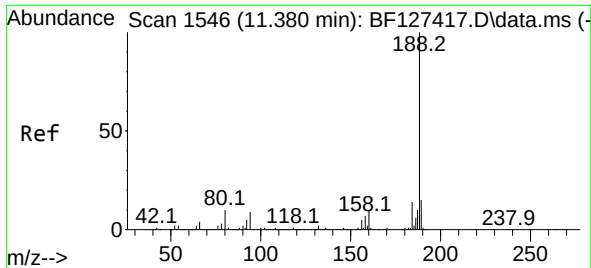
Reviewed By : Christian Giraldo 04/06/2022
Supervised By : Jagrut Upadhyay 04/15/2022



#45
2-Fluorobiphenyl
Concen: 81.843 ng
RT: 9.192 min Scan# 1174
Delta R.T. 0.000 min
Lab File: BF127638.D
Acq: 04 Apr 2022 18:08

Tgt Ion: 172 Resp: 1104523
Ion Ratio Lower Upper
172 100
171 35.0 28.4 42.6
170 23.8 18.6 27.8





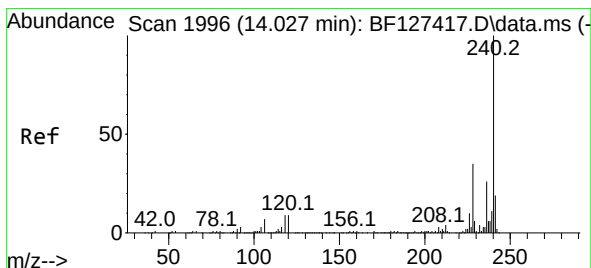
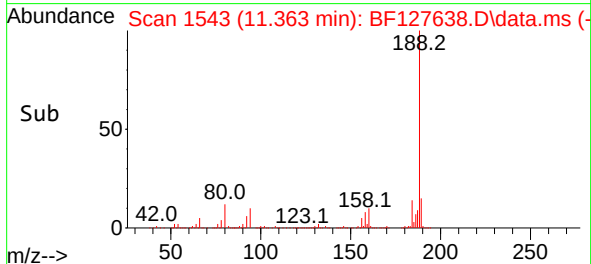
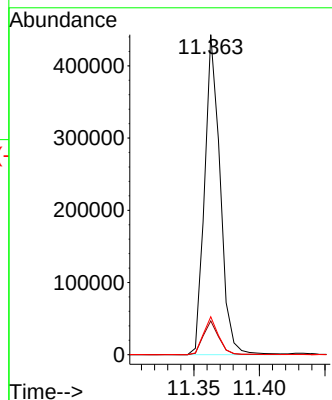
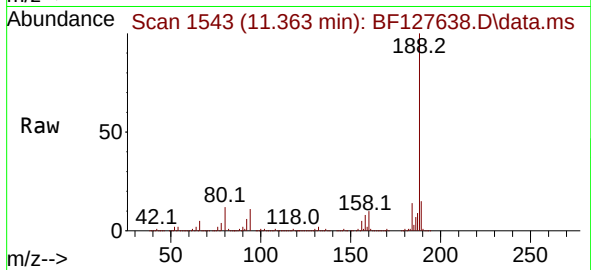
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.363 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF127638.D
Acq: 04 Apr 2022 18:08

Instrument :
BNA_F
ClientSampleId :
MW-2D

Tgt Ion:188 Resp: 36598
Ion Ratio Lower Upper
188 100
94 10.6 7.4 11.0
80 11.8 8.0 12.0

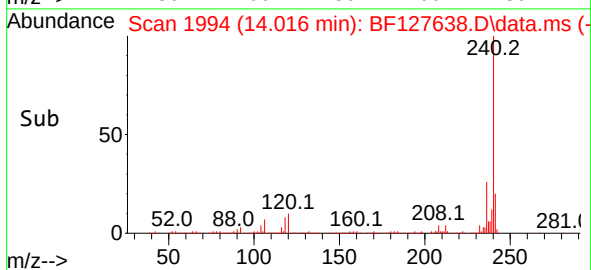
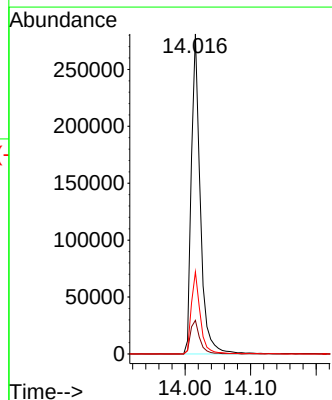
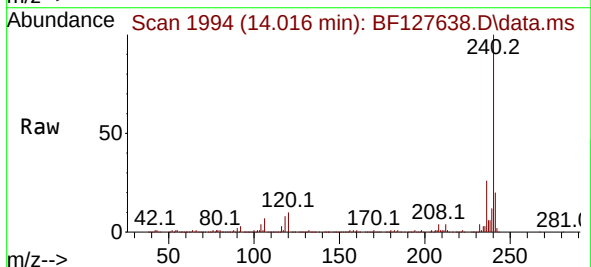
Manual Integrations
APPROVED

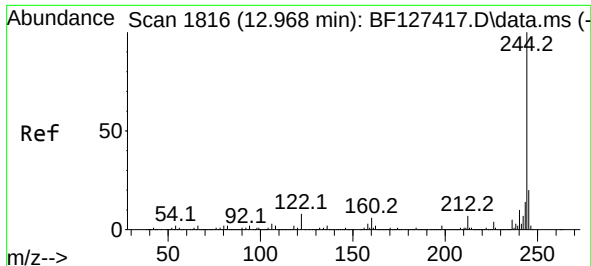
Reviewed By :Christian Giraldo 04/06/2022
Supervised By :Jagrut Upadhyay 04/15/2022



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.016 min Scan# 1994
Delta R.T. 0.000 min
Lab File: BF127638.D
Acq: 04 Apr 2022 18:08

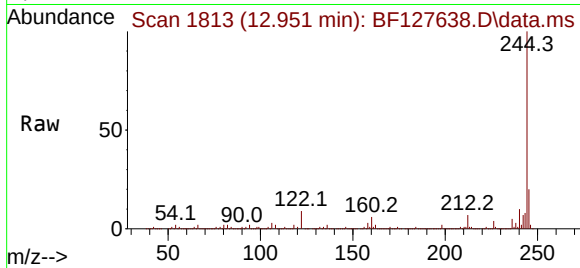
Tgt Ion:240 Resp: 266634
Ion Ratio Lower Upper
240 100
120 10.5 7.1 10.7
236 25.6 20.7 31.1





#79
 Terphenyl-d14
 Concen: 75.682 ng
 RT: 12.951 min Scan# 1813
 Delta R.T. 0.000 min
 Lab File: BF127638.D
 Acq: 04 Apr 2022 18:08

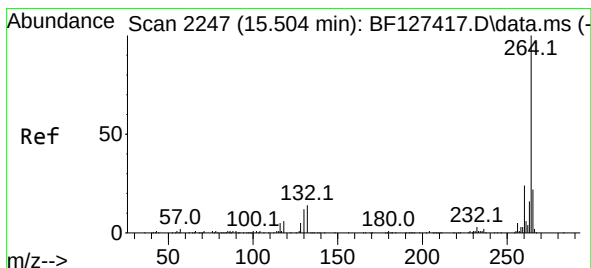
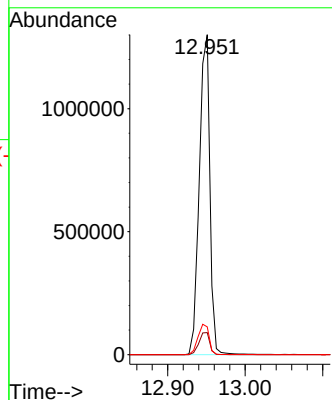
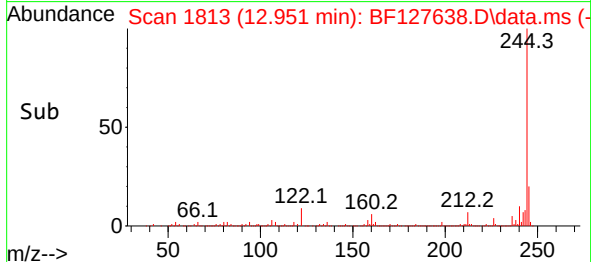
Instrument :
 BNA_F
 ClientSampleId :
 MW-2D



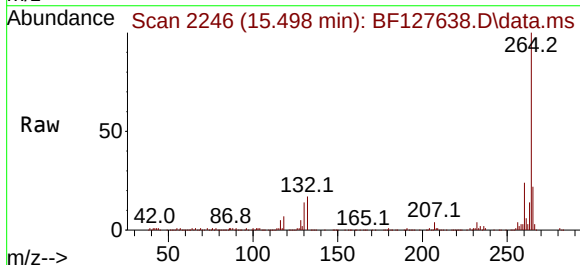
Tgt Ion:244 Resp: 1232694
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.7 8.5
 122 8.7 6.2 9.2

Manual Integrations
 APPROVED

Reviewed By :Christian Giraldo 04/06/2022
 Supervised By :Jagrut Upadhyay 04/15/2022



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.498 min Scan# 2246
 Delta R.T. 0.006 min
 Lab File: BF127638.D
 Acq: 04 Apr 2022 18:08



Tgt Ion:264 Resp: 203533
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.1 28.7
 265 22.0 17.4 26.2

