

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060722\
 Data File : BF128717.D
 Acq On : 07 Jun 2022 15:48
 Operator : CG\JU
 Sample : N3209-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-14B-4

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 06/08/2022
 Supervised By : Jagrut Upadhyay 06/08/2022

Quant Time: Jun 08 00:26:32 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 02 17:07:23 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.828	152	66061	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	239285	20.000	ng	# 0.00
39) Acenaphthene-d10	9.881	164	129499	20.000	ng	0.01
64) Phenanthrene-d10	11.363	188	199549	20.000	ng	# 0.00
76) Chrysene-d12	13.998	240	146631	20.000	ng	0.00
86) Perylene-d12	15.474	264	162877	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	615103	148.311	ng	0.00
7) Phenol-d6	6.492	99	759746	150.070	ng	0.00
23) Nitrobenzene-d5	7.398	82	558233	108.618	ng	0.00
42) 2,4,6-Tribromophenol	10.675	330	193668	126.572	ng	0.01
45) 2-Fluorobiphenyl	9.198	172	954072	103.203	ng	0.00
79) Terphenyl-d14	12.951	244	707422	83.832	ng	0.00
Target Compounds						Qvalue
52) Acenaphthene	9.910	154	29065	3.932	ng	# 64
58) Fluorene	10.428	166	79139	9.606	ng	# 89
71) Phenanthrene	11.386	178	150934	15.080	ng	# 95
78) Pyrene	12.804	202	33442	3.065	ng	# 93
83) Chrysene	14.027	228	22754	2.611	ng	# 77

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

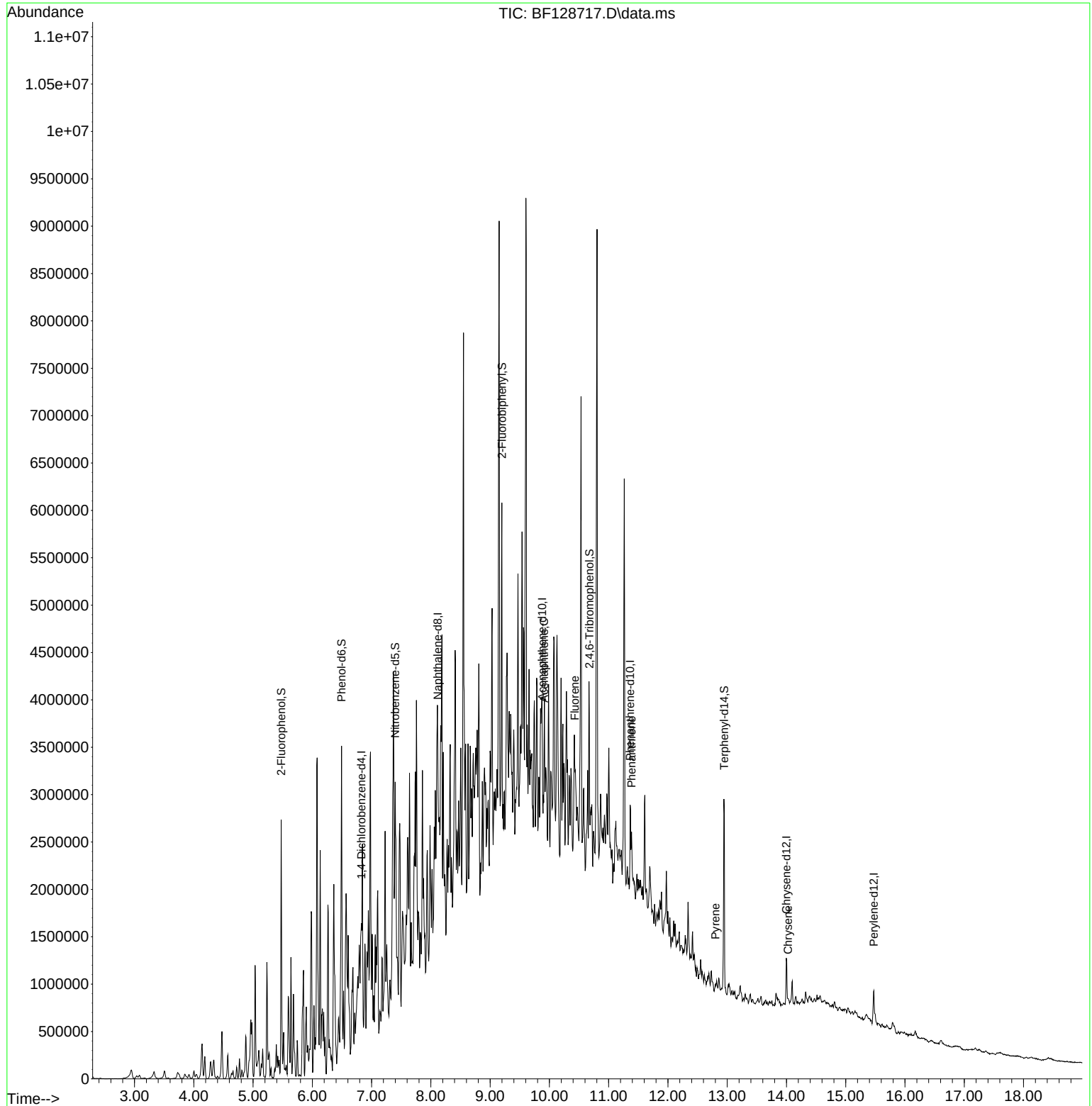
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060722\
Data File : BF128717.D
Acq On : 07 Jun 2022 15:48
Operator : CG\JU
Sample : N3209-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

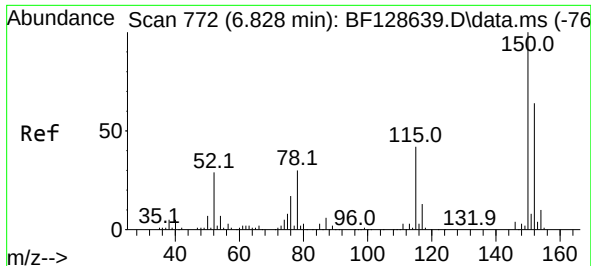
Instrument :
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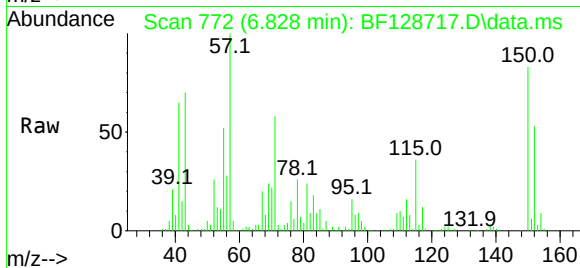
Quant Time: Jun 08 00:26:32 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 02 17:07:23 2022
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.828 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF128717.D
Acq: 07 Jun 2022 15:48

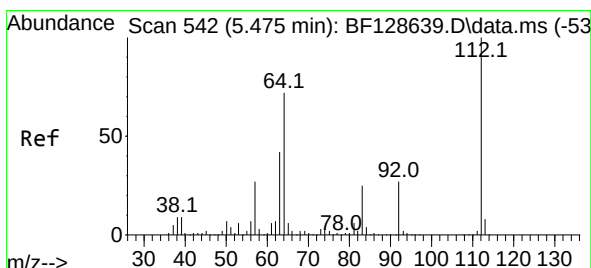
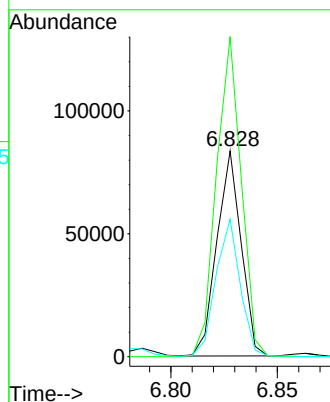
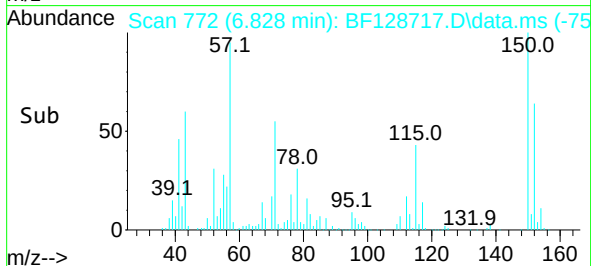
Instrument :
BNA_F
ClientSampleId :
WC-14B-4



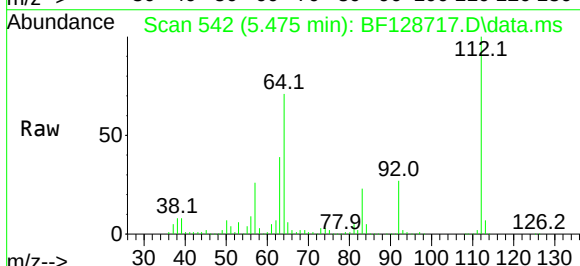
Tgt Ion:152 Resp: 6606
Ion Ratio Lower Upper
152 100
150 155.6 123.7 185.5
115 66.8 49.9 74.9

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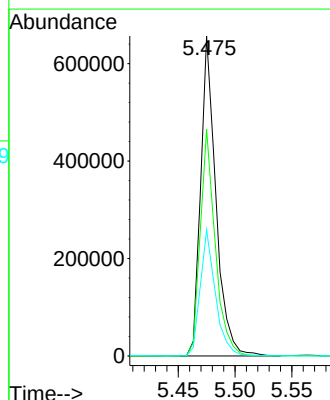
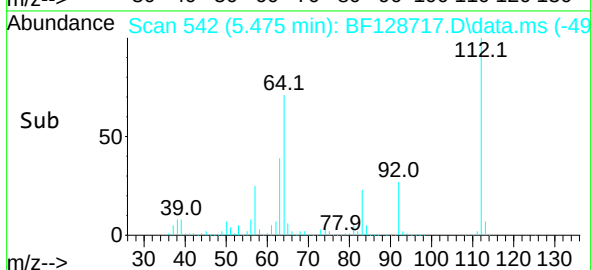
Reviewed By :Christian Giraldo 06/08/2022
Supervised By :Jagrut Upadhyay 06/08/2022

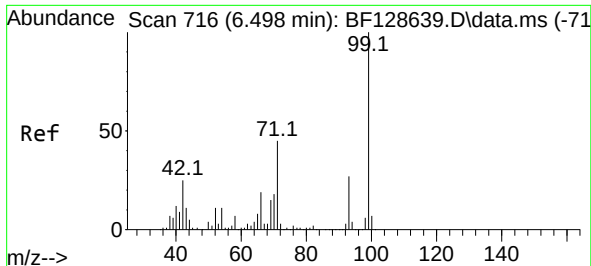


#5
2-Fluorophenol
Concen: 148.311 ng
RT: 5.475 min Scan# 542
Delta R.T. -0.000 min
Lab File: BF128717.D
Acq: 07 Jun 2022 15:48



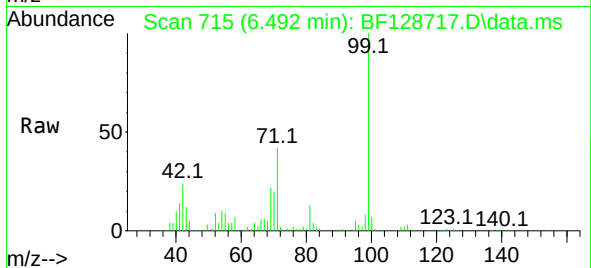
Tgt Ion:112 Resp: 615103
Ion Ratio Lower Upper
112 100
64 70.8 53.3 79.9
63 39.4 28.0 42.0





#7
Phenol-d6
Concen: 150.070 ng
RT: 6.492 min Scan# 716
Delta R.T. -0.006 min
Lab File: BF128717.D
Acq: 07 Jun 2022 15:48

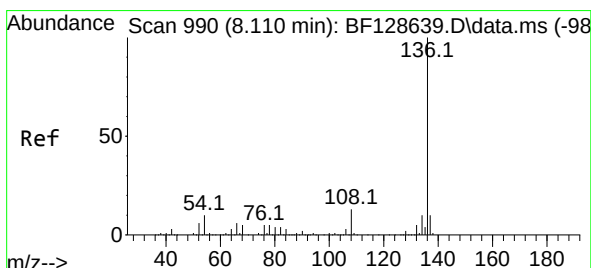
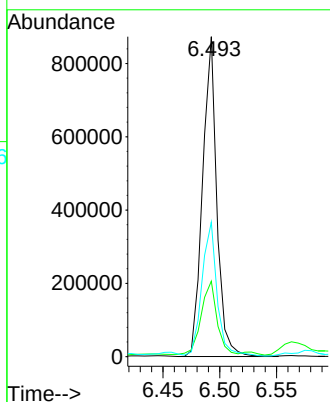
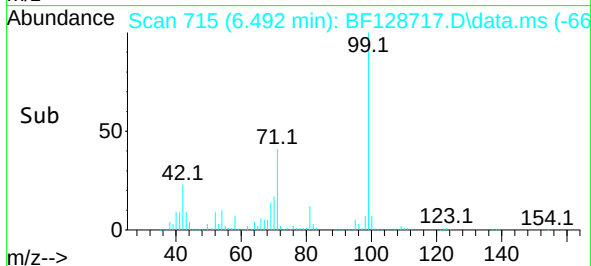
Instrument :
BNA_F
ClientSampleId :
WC-14B-4



Tgt Ion: 99 Resp: 759740
Ion Ratio Lower Upper
99 100
42 23.6 17.3 25.9
71 42.1 28.9 43.3

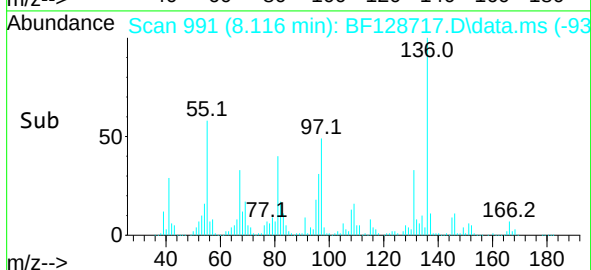
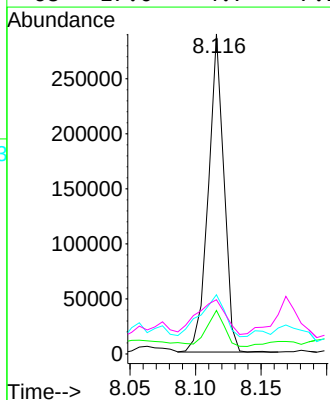
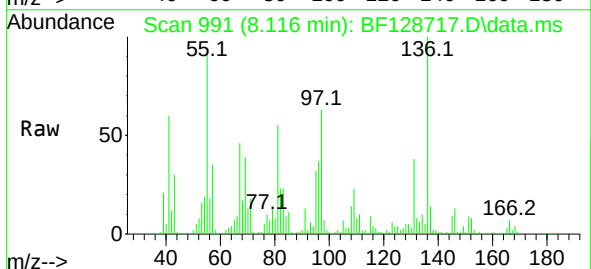
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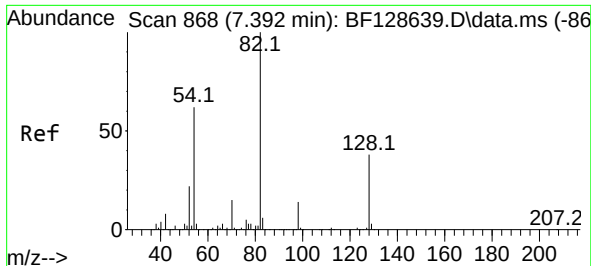
Reviewed By :Christian Giraldo 06/08/2022
Supervised By :Jagrut Upadhyay 06/08/2022



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.116 min Scan# 991
Delta R.T. 0.006 min
Lab File: BF128717.D
Acq: 07 Jun 2022 15:48

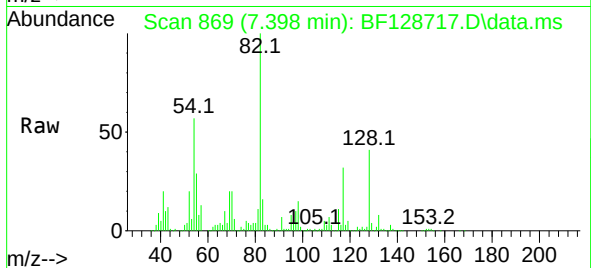
Tgt Ion:136 Resp: 239285
Ion Ratio Lower Upper
136 100
137 13.6 8.8 13.2#
54 18.5 7.5 11.3#
68 17.0 4.7 7.1#





#23
Nitrobenzene-d5
Concen: 108.618 ng
RT: 7.398 min Scan# 80
Delta R.T. 0.006 min
Lab File: BF128717.D
Acq: 07 Jun 2022 15:48

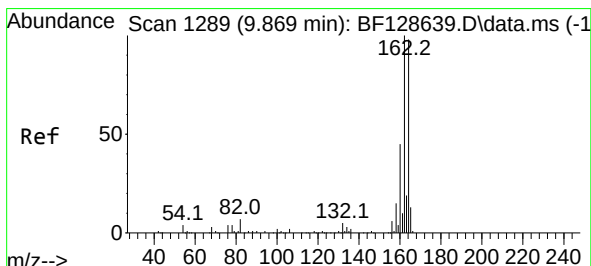
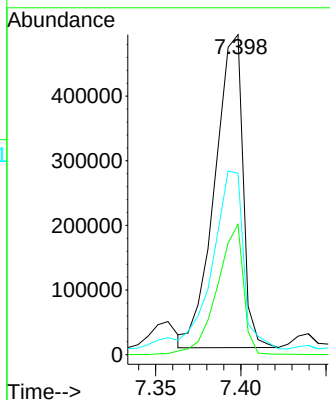
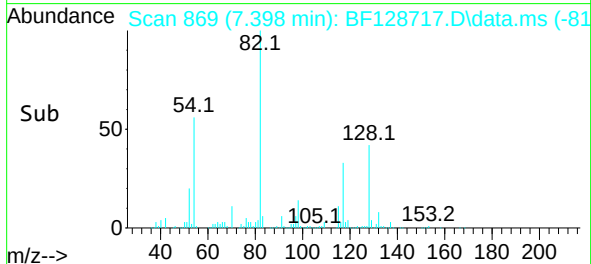
Instrument :
BNA_F
ClientSampleId :
WC-14B-4



Tgt Ion: 82 Resp: 55823
Ion Ratio Lower Upper
82 100
128 40.7 34.0 51.0
54 56.7 46.9 70.3

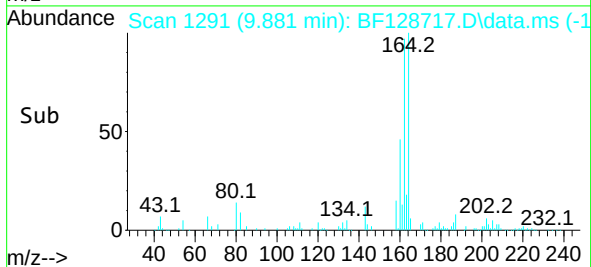
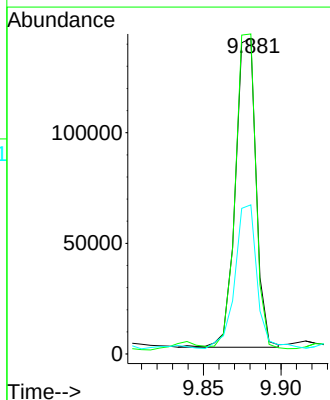
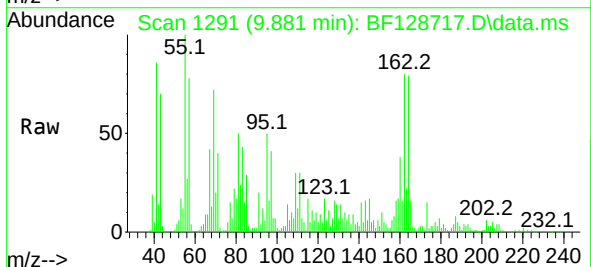
Manual Integrations
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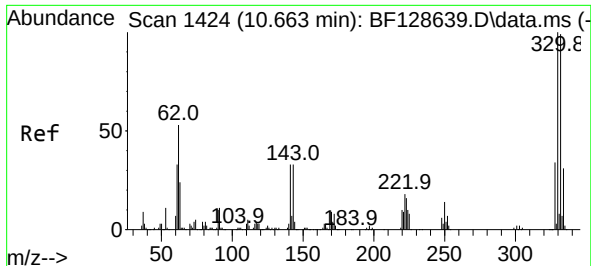
Reviewed By :Christian Giraldo 06/08/2022
Supervised By :Jagrut Upadhyay 06/08/2022



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.881 min Scan# 1291
Delta R.T. 0.012 min
Lab File: BF128717.D
Acq: 07 Jun 2022 15:48

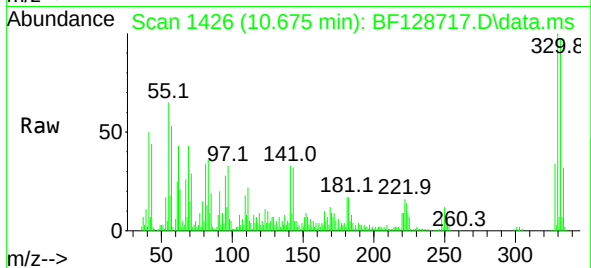
Tgt Ion:164 Resp: 129499
Ion Ratio Lower Upper
164 100
162 101.4 79.5 119.3
160 47.3 34.2 51.4





#42
2,4,6-Tribromophenol
Concen: 126.572 ng
RT: 10.675 min Scan# 1426
Delta R.T. 0.012 min
Lab File: BF128717.D
Acq: 07 Jun 2022 15:48

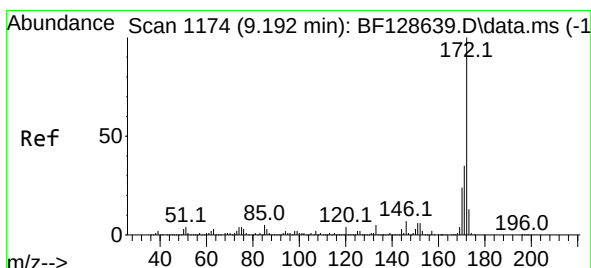
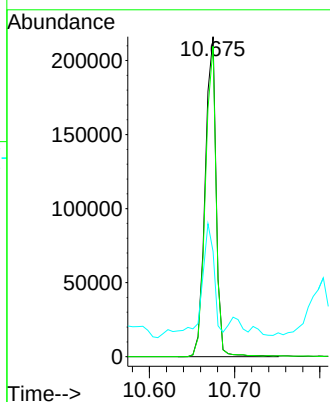
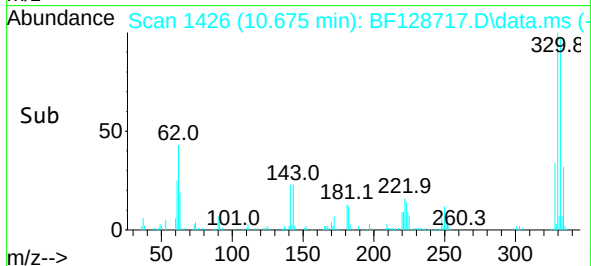
Instrument :
BNA_F
ClientSampleId :
WC-14B-4



Tgt Ion: 330 Resp: 193668
Ion Ratio Lower Upper
330 100
332 95.2 76.8 115.2
141 42.4 28.0 42.0

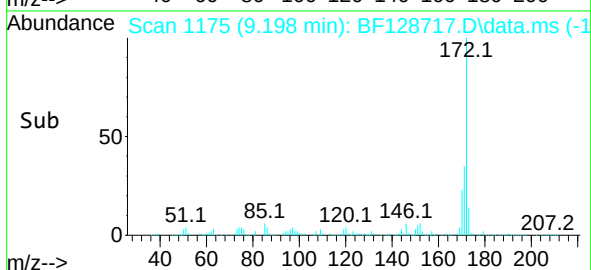
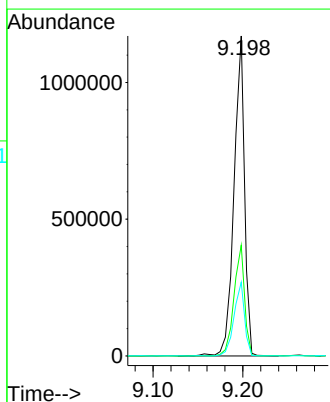
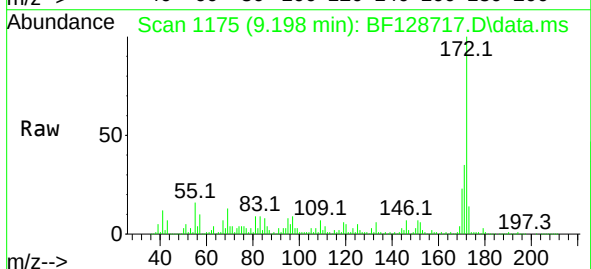
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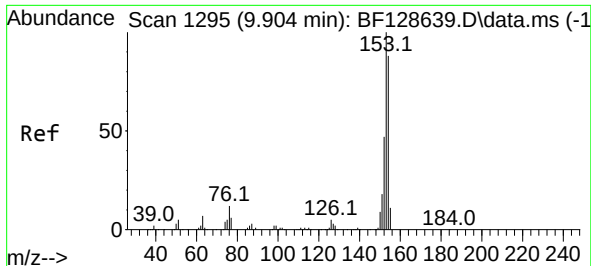
Reviewed By : Christian Giraldo 06/08/2022
Supervised By : Jagrut Upadhyay 06/08/2022



#45
2-Fluorobiphenyl
Concen: 103.203 ng
RT: 9.198 min Scan# 1175
Delta R.T. 0.006 min
Lab File: BF128717.D
Acq: 07 Jun 2022 15:48

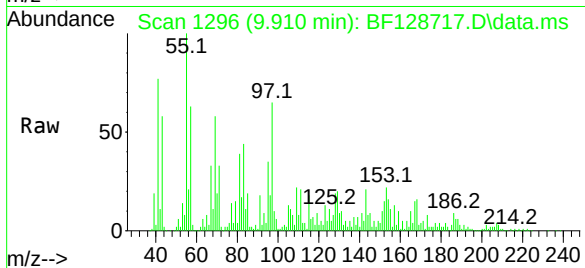
Tgt Ion: 172 Resp: 954072
Ion Ratio Lower Upper
172 100
171 34.6 28.8 43.2
170 23.1 19.8 29.8





#52
Acenaphthene
Concen: 3.932 ng
RT: 9.910 min Scan# 1295
Delta R.T. 0.006 min
Lab File: BF128717.D
Acq: 07 Jun 2022 15:48

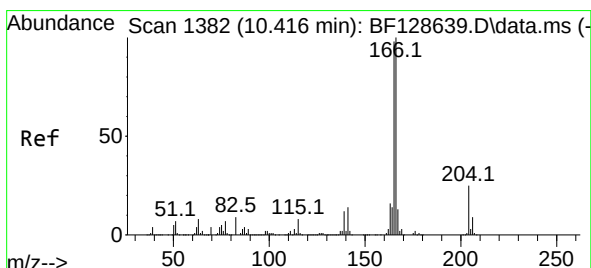
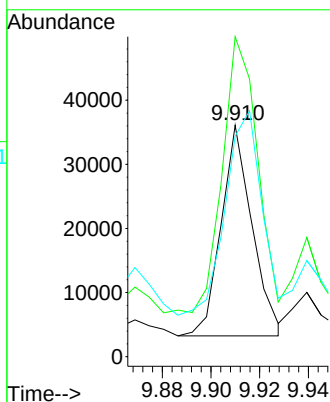
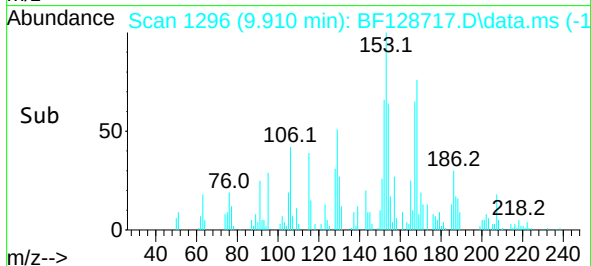
Instrument :
BNA_F
ClientSampleId :
WC-14B-4



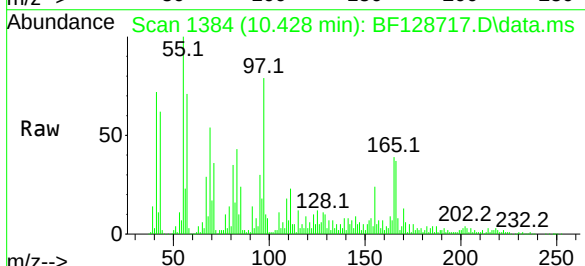
Tgt Ion:154 Resp: 2906
Ion Ratio Lower Upper
154 100
153 138.3 89.6 134.4
152 95.2 42.4 63.6

Manual Integrations
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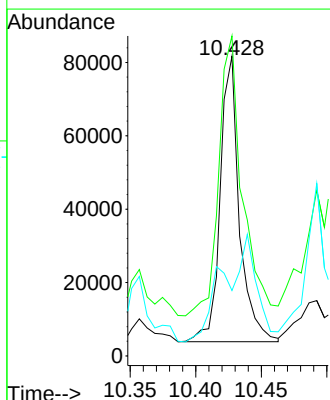
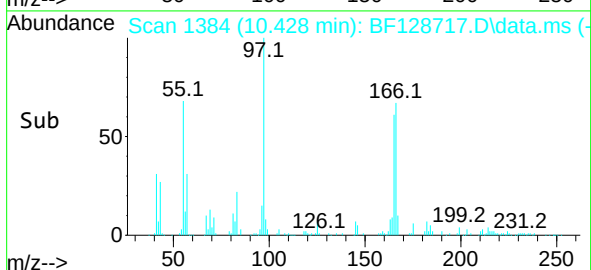
Reviewed By :Christian Giraldo 06/08/2022
Supervised By :Jagrut Upadhyay 06/08/2022

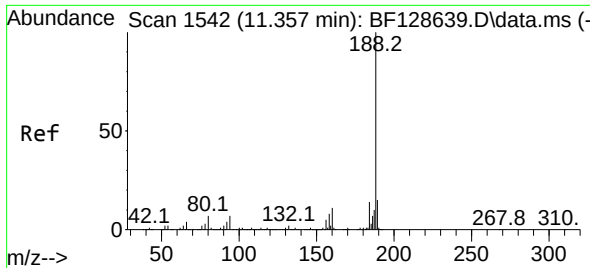


#58
Fluorene
Concen: 9.606 ng
RT: 10.428 min Scan# 1384
Delta R.T. 0.012 min
Lab File: BF128717.D
Acq: 07 Jun 2022 15:48



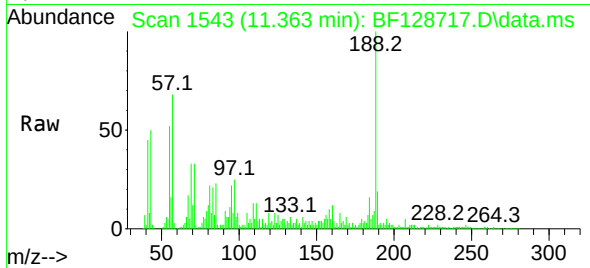
Tgt Ion:166 Resp: 79139
Ion Ratio Lower Upper
166 100
165 106.8 78.1 117.1
167 21.8 10.5 15.7





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.363 min Scan# 1543
Delta R.T. 0.006 min
Lab File: BF128717.D
Acq: 07 Jun 2022 15:48

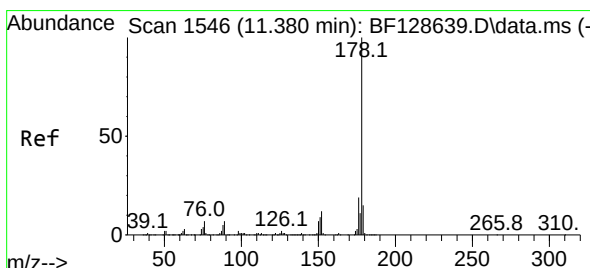
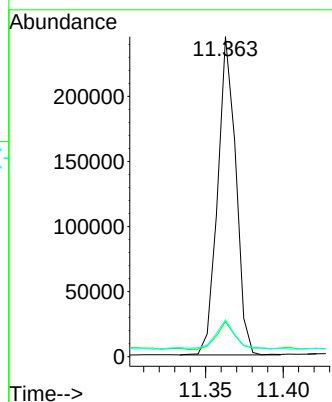
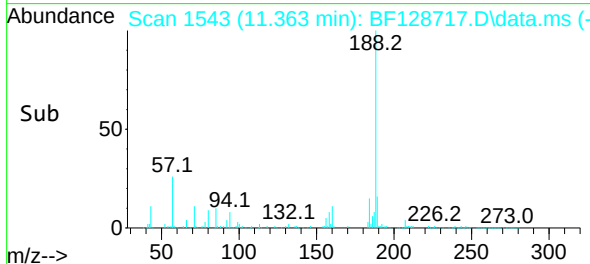
Instrument :
BNA_F
ClientSampleId :
WC-14B-4



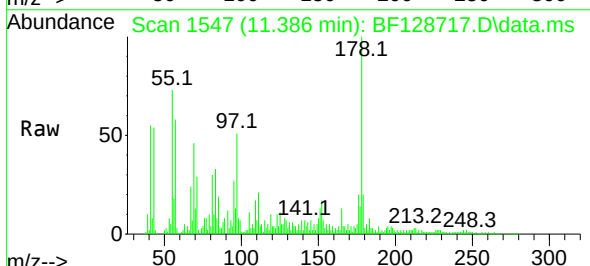
Tgt Ion:188 Resp: 199549
Ion Ratio Lower Upper
188 100
94 10.9 7.0 10.6
80 11.5 7.6 11.4

Manual Integrations
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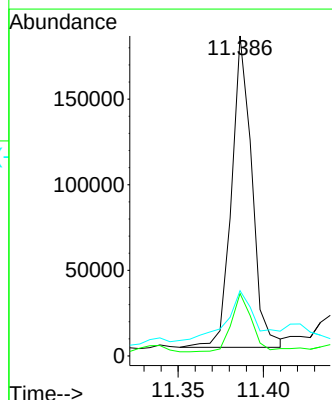
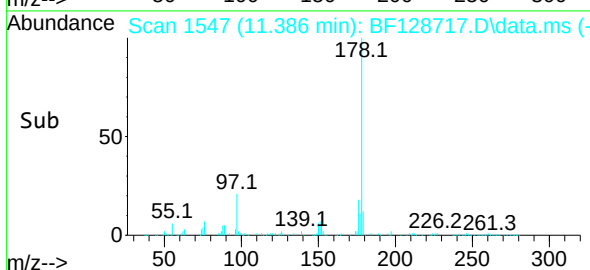
Reviewed By :Christian Giraldo 06/08/2022
Supervised By :Jagrut Upadhyay 06/08/2022

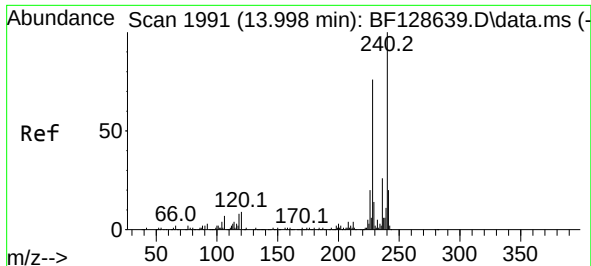


#71
Phenanthrene
Concen: 15.080 ng
RT: 11.386 min Scan# 1547
Delta R.T. 0.006 min
Lab File: BF128717.D
Acq: 07 Jun 2022 15:48



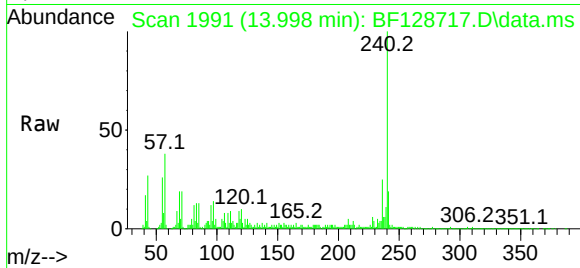
Tgt Ion:178 Resp: 150934
Ion Ratio Lower Upper
178 100
176 19.5 16.0 24.0
179 20.4 12.6 19.0





#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.998 min Scan# 1991
Delta R.T. -0.000 min
Lab File: BF128717.D
Acq: 07 Jun 2022 15:48

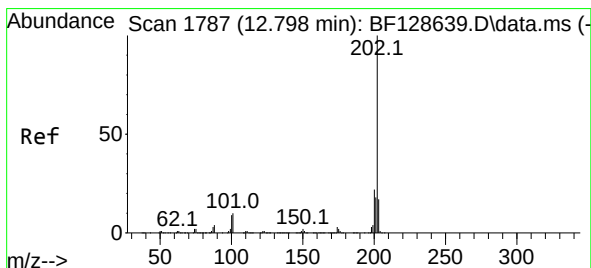
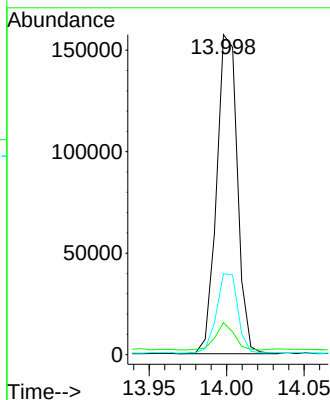
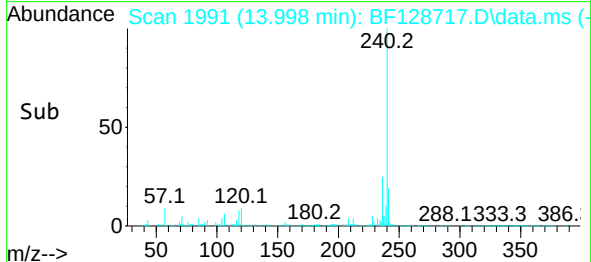
Instrument :
BNA_F
ClientSampleId :
WC-14B-4



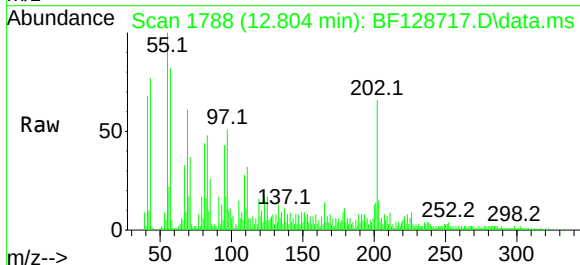
Tgt Ion:240 Resp: 14663
Ion Ratio Lower Upper
240 100
120 10.0 8.9 13.3
236 25.3 20.8 31.2

Manual Integrations
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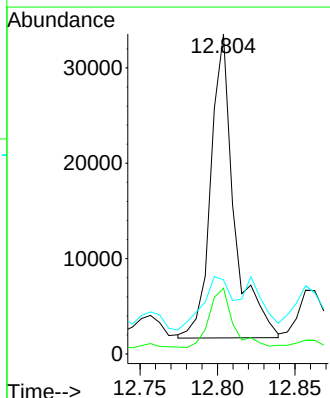
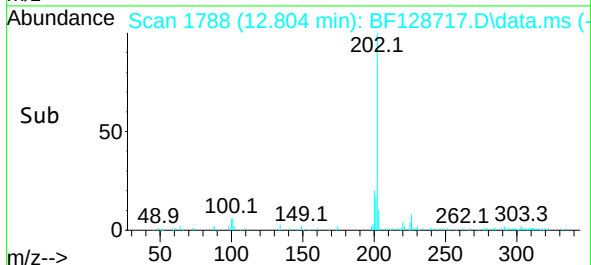
Reviewed By :Christian Giraldo 06/08/2022
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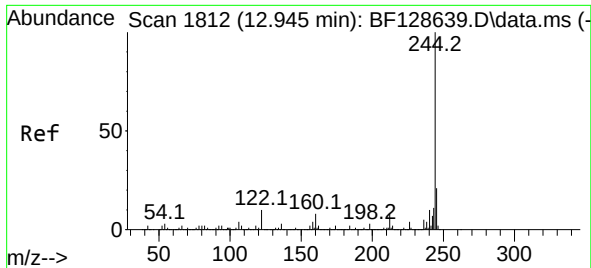


#78
Pyrene
Concen: 3.065 ng
RT: 12.804 min Scan# 1788
Delta R.T. 0.006 min
Lab File: BF128717.D
Acq: 07 Jun 2022 15:48



Tgt Ion:202 Resp: 33442
Ion Ratio Lower Upper
202 100
200 20.6 17.7 26.5
203 23.2 14.6 21.8#





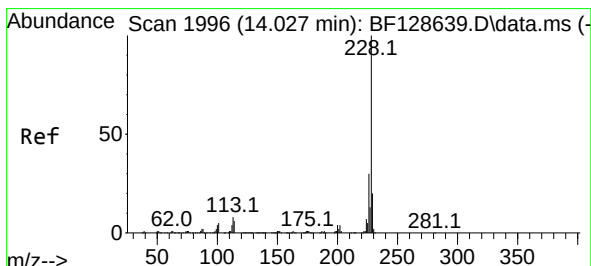
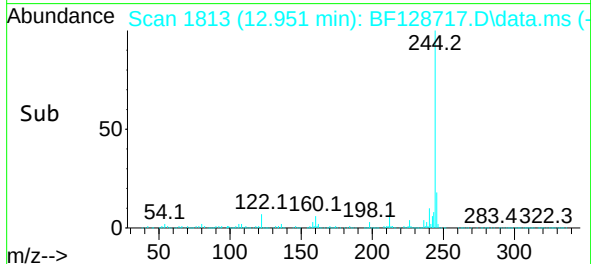
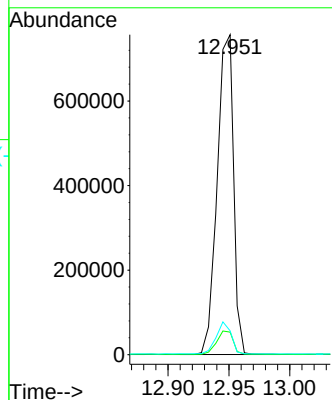
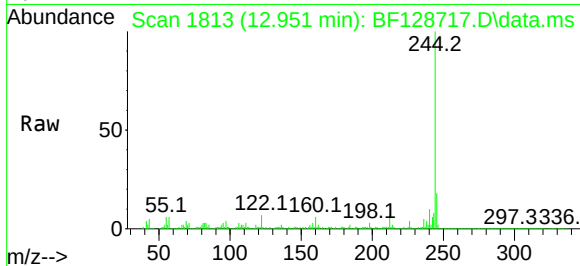
#79
Terphenyl-d14
Concen: 83.832 ng
RT: 12.951 min Scan# 1812
Delta R.T. 0.006 min
Lab File: BF128717.D
Acq: 07 Jun 2022 15:48

Instrument :
BNA_F
ClientSampleId :
WC-14B-4

Tgt Ion:244 Resp: 70742
Ion Ratio Lower Upper
244 100
212 7.0 6.1 9.1
122 7.5 8.8 13.2

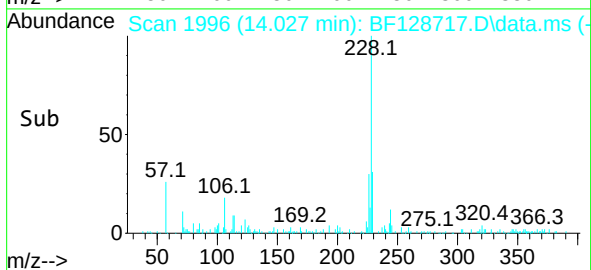
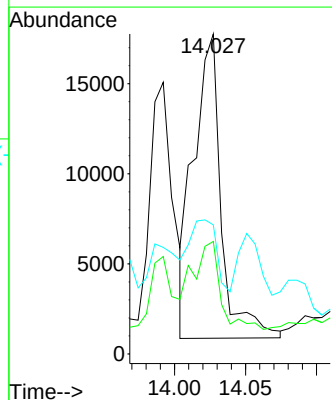
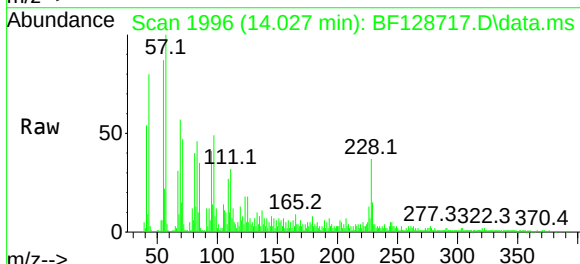
Manual Integrations
APPROVED

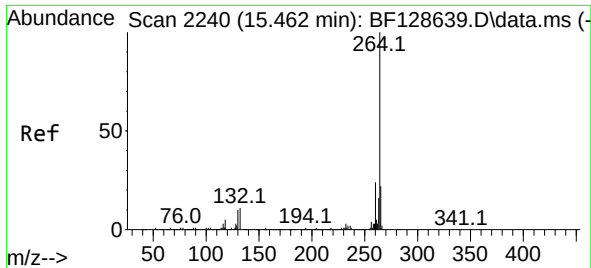
Reviewed By :Christian Giraldo 06/08/2022
Supervised By :Jagrut Upadhyay 06/08/2022



#83
Chrysene
Concen: 2.611 ng
RT: 14.027 min Scan# 1996
Delta R.T. 0.000 min
Lab File: BF128717.D
Acq: 07 Jun 2022 15:48

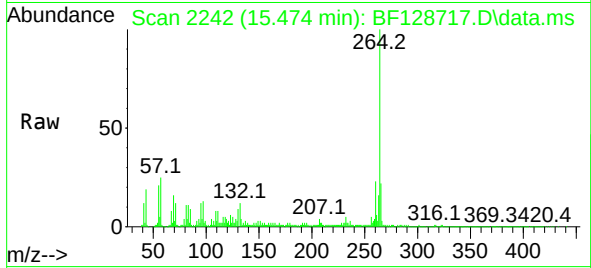
Tgt Ion:228 Resp: 22754
Ion Ratio Lower Upper
228 100
226 35.1 24.3 36.5
229 40.4 15.9 23.9





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.474 min Scan# 21
 Delta R.T. 0.012 min
 Lab File: BF128717.D
 Acq: 07 Jun 2022 15:48

Instrument :
 BNA_F
 ClientSampleId :
 WC-14B-4



Tgt Ion: 264 Resp: 16287

Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.4	27.6
265	22.1	17.2	25.8

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 06/08/2022
 Supervised By : Jagrut Upadhyay 06/08/2022

