

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060722\
 Data File : BF128716.D
 Acq On : 07 Jun 2022 15:19
 Operator : CG\JU
 Sample : N3209-06
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-14B-10

Manual Integrations
 APPROVED

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

Quant Time: Jun 08 00:26:21 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	77196	20.000	ng	0.00
21) Naphthalene-d8	8.110	136	271625	20.000	ng	# 0.00
39) Acenaphthene-d10	9.875	164	141543	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	244941	20.000	ng	0.00
76) Chrysene-d12	14.004	240	158162	20.000	ng	0.00
86) Perylene-d12	15.474	264	170602	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	445309	91.883	ng	0.00
7) Phenol-d6	6.487	99	498184	84.210	ng	-0.01
23) Nitrobenzene-d5	7.392	82	370950	63.584	ng	0.00
42) 2,4,6-Tribromophenol	10.669	330	139775	83.577	ng	0.00
45) 2-Fluorobiphenyl	9.192	172	642444	63.580	ng	0.00
79) Terphenyl-d14	12.945	244	565126	62.087	ng	0.00
Target Compounds						
						Qvalue
38) 1-Methylnaphthalene	8.928	142	39349	4.593	ng	96
58) Fluorene	10.422	166	42540	4.724	ng	# 81
71) Phenanthrene	11.386	178	104603	8.514	ng	# 93
78) Pyrene	12.804	202	34847	2.961	ng	# 94
90) Benzo(a)pyrene	15.410	252	17456	2.037	ng	# 27

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

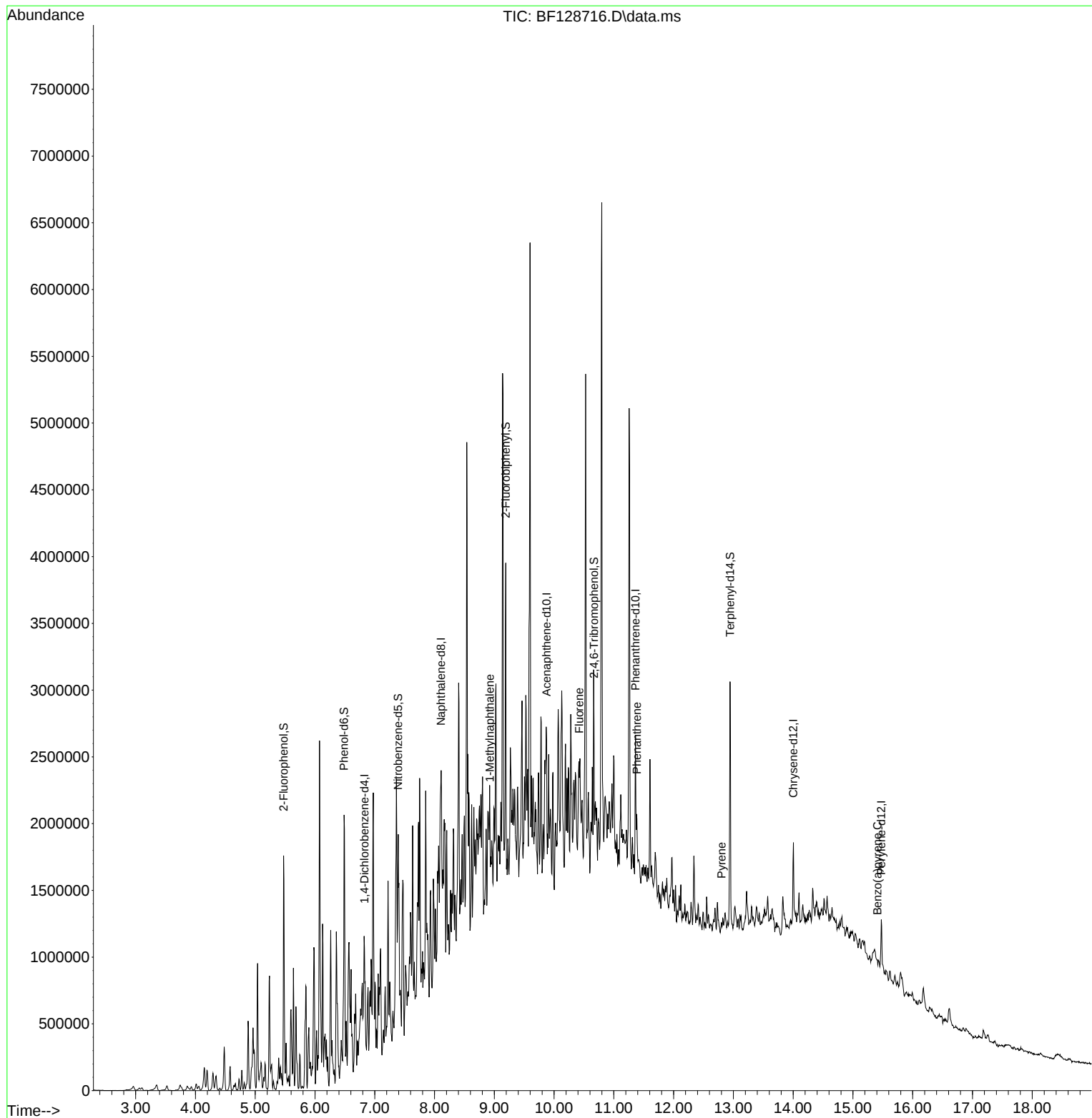
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060722\
Data File : BF128716.D
Acq On : 07 Jun 2022 15:19
Operator : CG\JU
Sample : N3209-06
Misc :
ALS Vial : 7 Sample Multiplier: 1

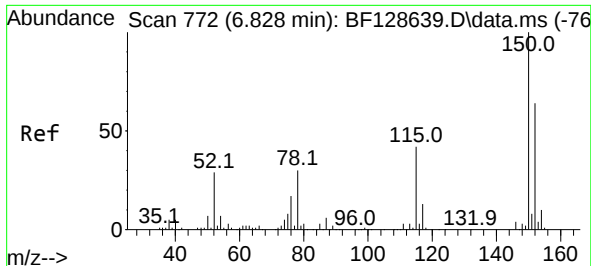
Instrument :
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WC-14B-10

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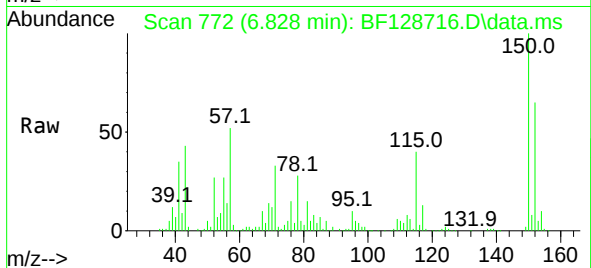
Quant Time: Jun 08 00:26:21 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 02 17:07:23 2022
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.828 min Scan# 772
Delta R.T. -0.000 min
Lab File: BF128716.D
Acq: 07 Jun 2022 15:19

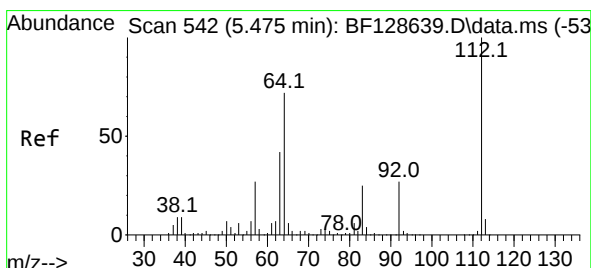
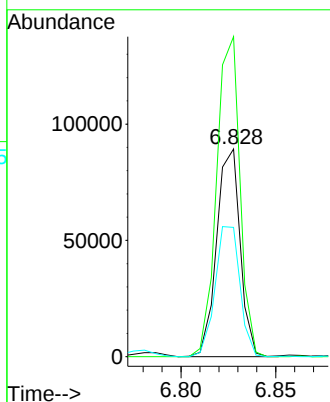
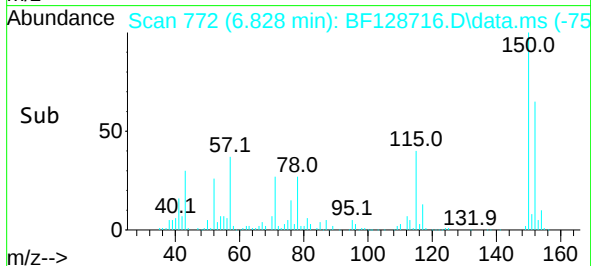
Instrument :
BNA_F
ClientSampleId :
WC-14B-10



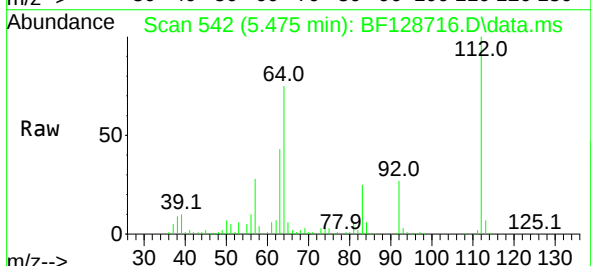
Tgt Ion:152 Resp: 77190
Ion Ratio Lower Upper
152 100
150 154.0 123.7 185.5
115 62.3 49.9 74.9

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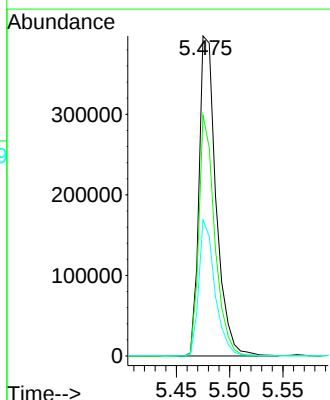
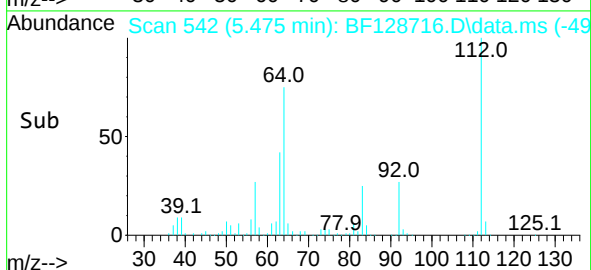
Reviewed By :Christian Giraldo 06/08/2022
Supervised By :Jagrut Upadhyay 06/08/2022

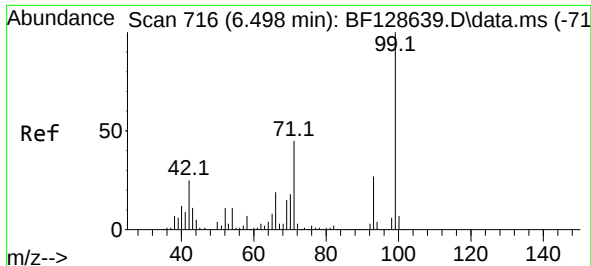


#5
2-Fluorophenol
Concen: 91.883 ng
RT: 5.475 min Scan# 542
Delta R.T. -0.000 min
Lab File: BF128716.D
Acq: 07 Jun 2022 15:19



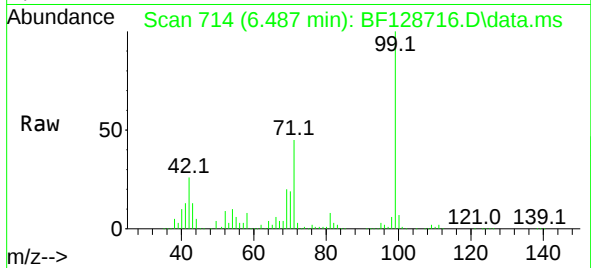
Tgt Ion:112 Resp: 445309
Ion Ratio Lower Upper
112 100
64 75.2 53.3 79.9
63 42.5 28.0 42.0#





#7
Phenol-d6
Concen: 84.210 ng
RT: 6.487 min Scan# 716
Delta R.T. -0.011 min
Lab File: BF128716.D
Acq: 07 Jun 2022 15:19

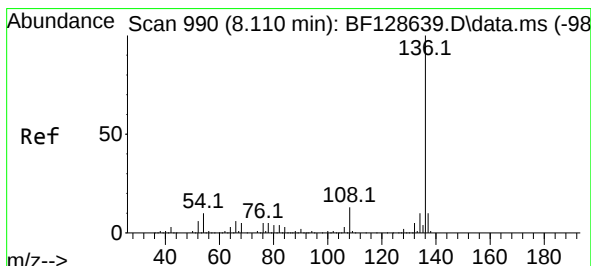
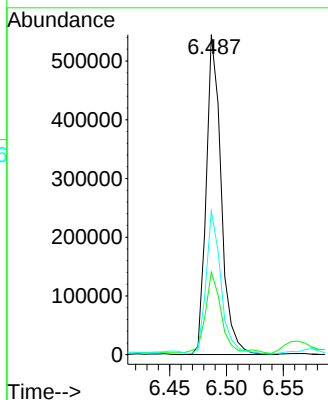
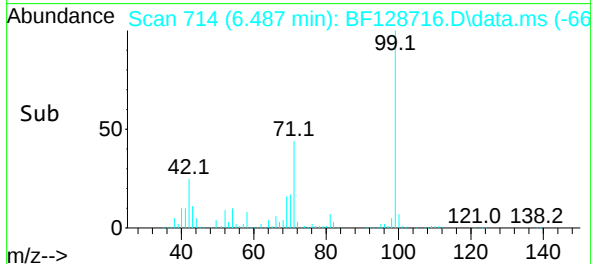
Instrument :
BNA_F
ClientSampleId :
WC-14B-10



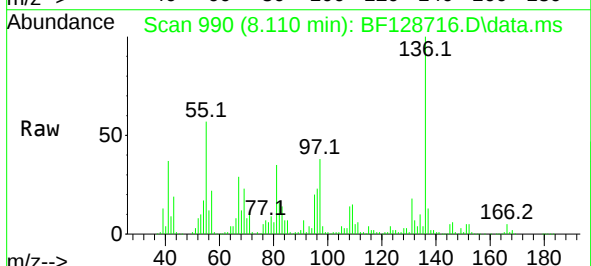
Tgt Ion: 99 Resp: 498184
Ion Ratio Lower Upper
99 100
42 25.8 17.3 25.9
71 44.9 28.9 43.3

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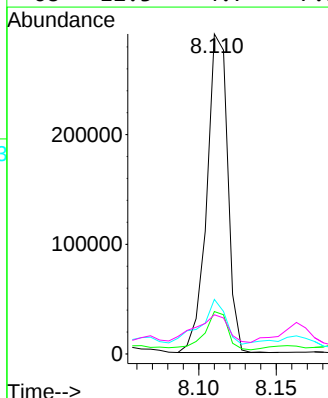
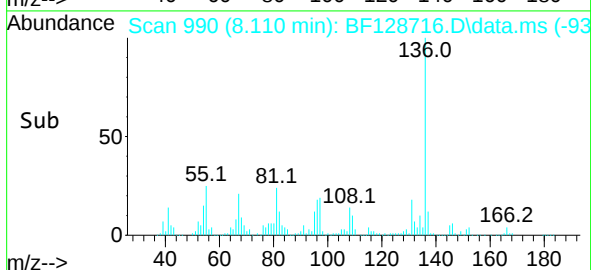
Reviewed By :Christian Giraldo 06/08/2022
Supervised By :Jagrut Upadhyay 06/08/2022

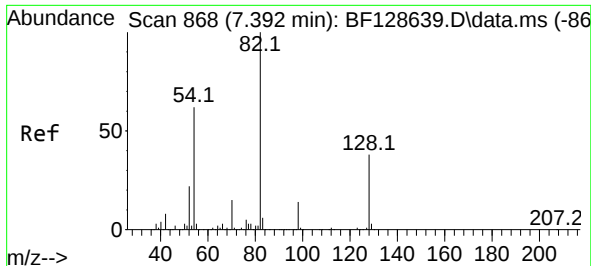


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.110 min Scan# 990
Delta R.T. 0.000 min
Lab File: BF128716.D
Acq: 07 Jun 2022 15:19



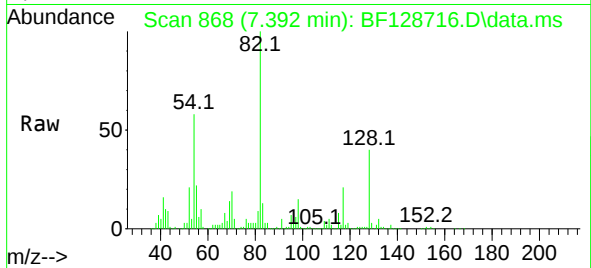
Tgt Ion:136 Resp: 271625
Ion Ratio Lower Upper
136 100
137 13.3 8.8 13.2#
54 17.1 7.5 11.3#
68 12.3 4.7 7.1#





#23
Nitrobenzene-d5
Concen: 63.584 ng
RT: 7.392 min Scan# 80
Delta R.T. 0.000 min
Lab File: BF128716.D
Acq: 07 Jun 2022 15:19

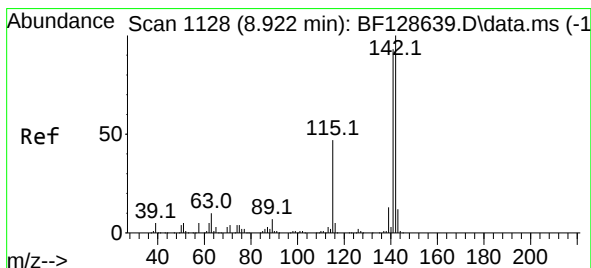
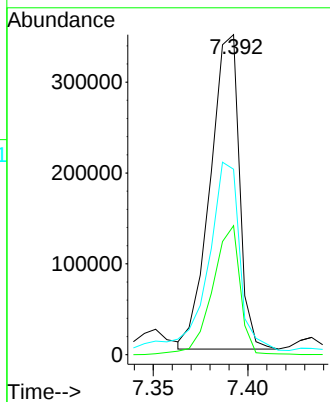
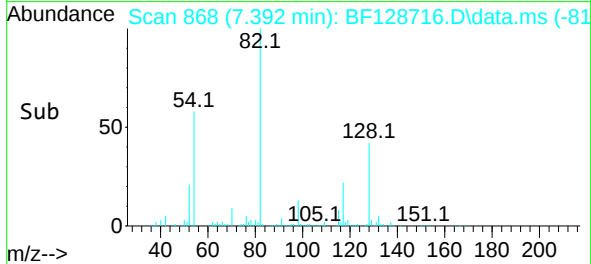
Instrument :
BNA_F
ClientSampleId :
WC-14B-10



Tgt Ion: 82 Resp: 370950
Ion Ratio Lower Upper
82 100
128 40.3 34.0 51.0
54 58.0 46.9 70.3

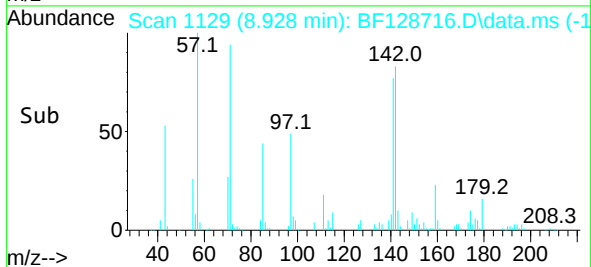
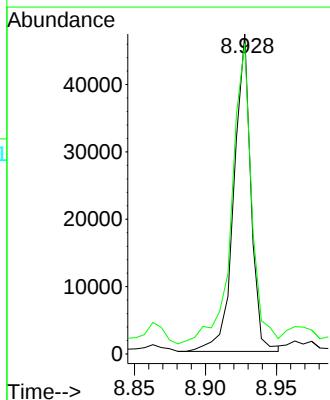
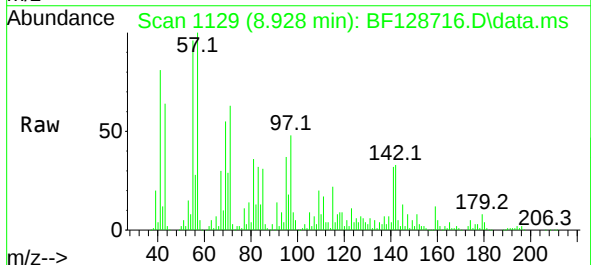
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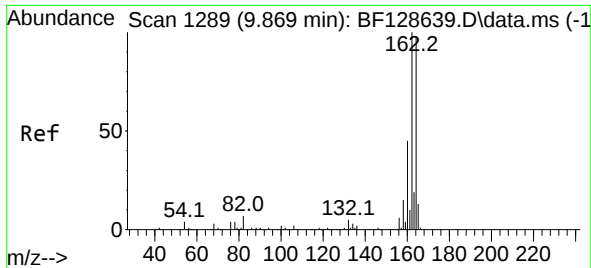
Reviewed By :Christian Giraldo 06/08/2022
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#38
1-Methylnaphthalene
Concen: 4.593 ng
RT: 8.928 min Scan# 1129
Delta R.T. 0.006 min
Lab File: BF128716.D
Acq: 07 Jun 2022 15:19

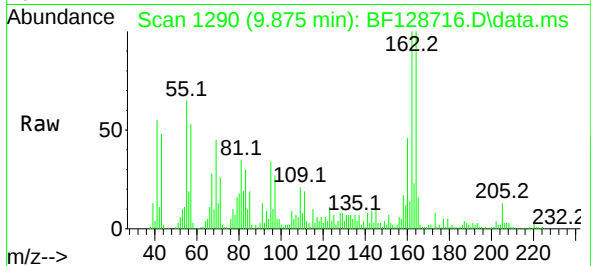
Tgt Ion:142 Resp: 39349
Ion Ratio Lower Upper
142 100
141 97.0 74.2 111.4





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.875 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF128716.D
Acq: 07 Jun 2022 15:19

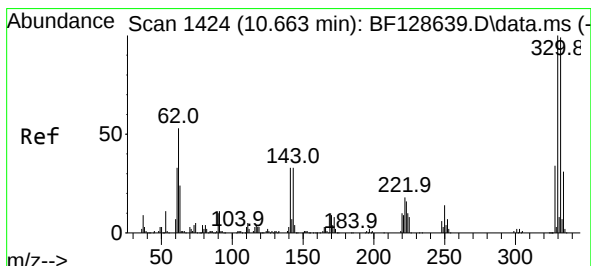
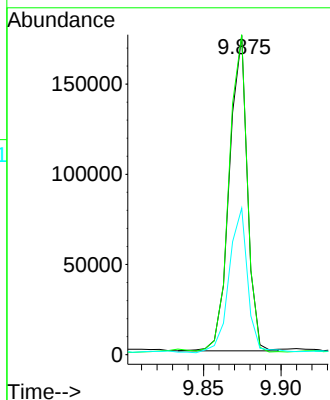
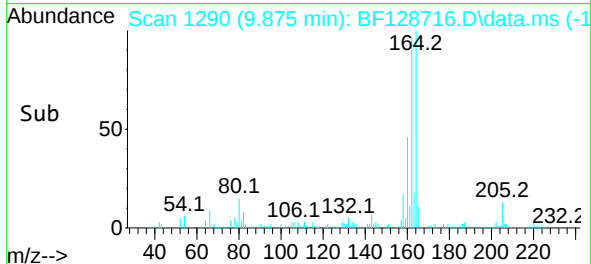
Instrument :
BNA_F
ClientSampleId :
WC-14B-10



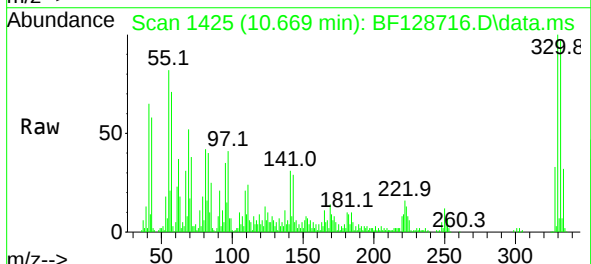
Tgt Ion:164 Resp: 14154
Ion Ratio Lower Upper
164 100
162 100.3 79.5 119.3
160 45.9 34.2 51.4

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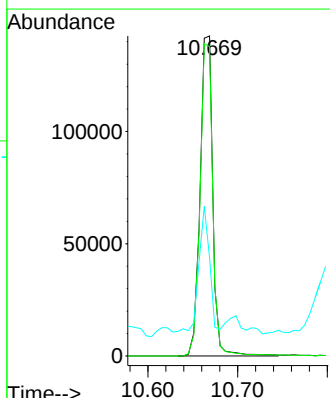
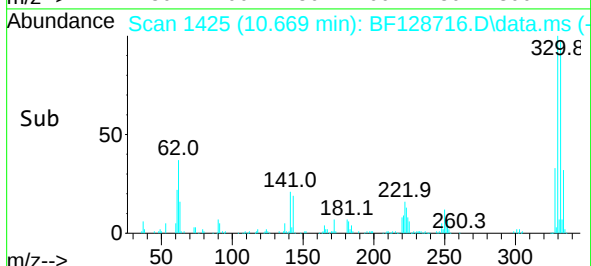
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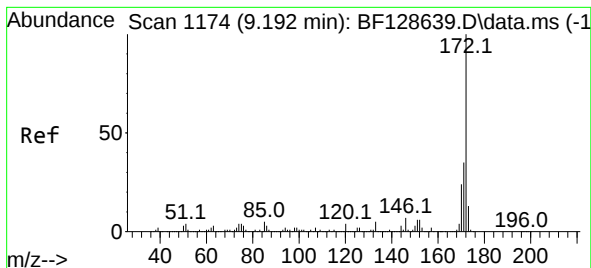


#42
2,4,6-Tribromophenol
Concen: 83.577 ng
RT: 10.669 min Scan# 1425
Delta R.T. 0.006 min
Lab File: BF128716.D
Acq: 07 Jun 2022 15:19



Tgt Ion:330 Resp: 139775
Ion Ratio Lower Upper
330 100
332 98.1 76.8 115.2
141 32.8 28.0 42.0





#45

2-Fluorobiphenyl

Concen: 63.580 ng

RT: 9.192 min Scan# 1174

Delta R.T. 0.000 min

Lab File: BF128716.D

Acq: 07 Jun 2022 15:19

Instrument :

BNA_F

ClientSampleId :

WC-14B-10

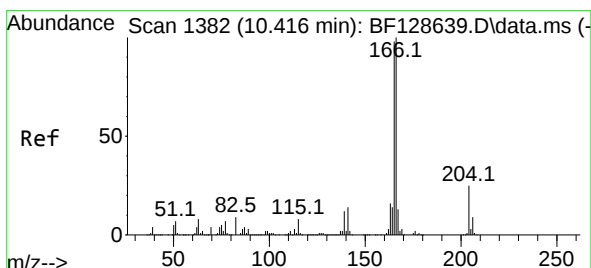
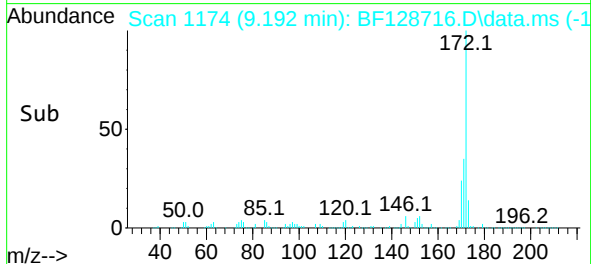
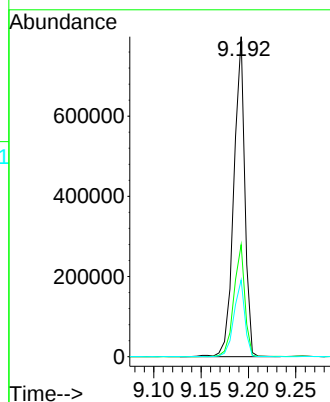
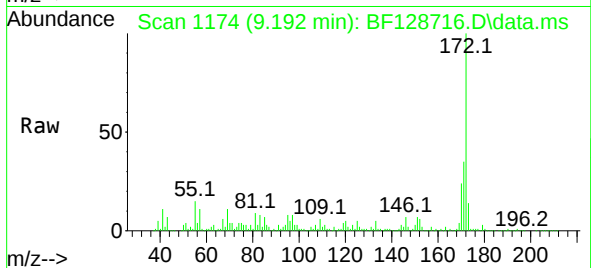
Tgt Ion:172 Resp: 642444

Ion	Ratio	Lower	Upper
172	100		
171	35.0	28.8	43.2
170	24.0	19.8	29.8

Manual Integrations

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#58

Fluorene

Concen: 4.724 ng

RT: 10.422 min Scan# 1383

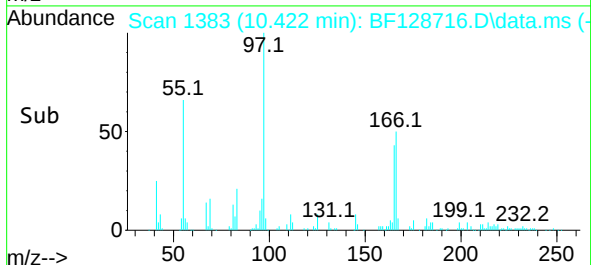
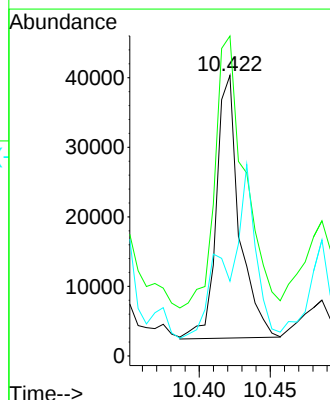
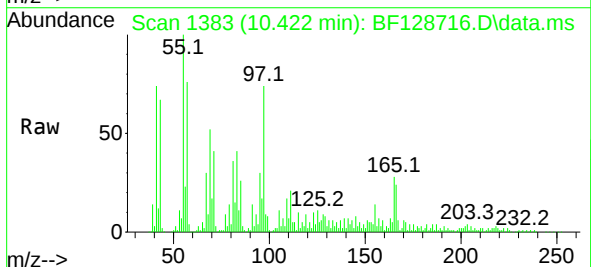
Delta R.T. 0.006 min

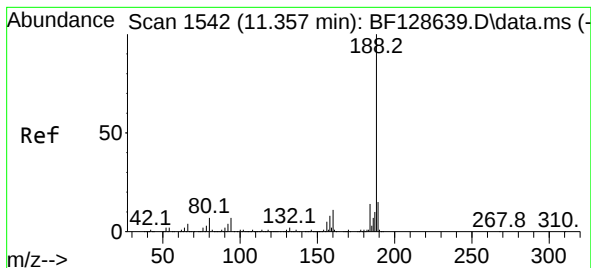
Lab File: BF128716.D

Acq: 07 Jun 2022 15:19

Tgt Ion:166 Resp: 42540

Ion	Ratio	Lower	Upper
166	100		
165	114.1	78.1	117.1
167	26.6	10.5	15.7





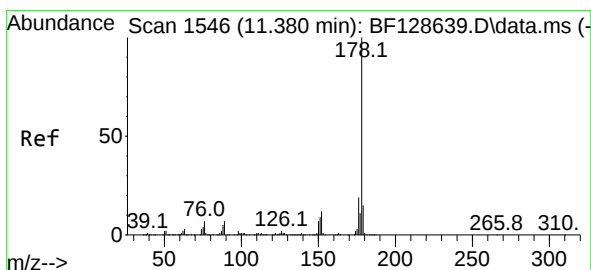
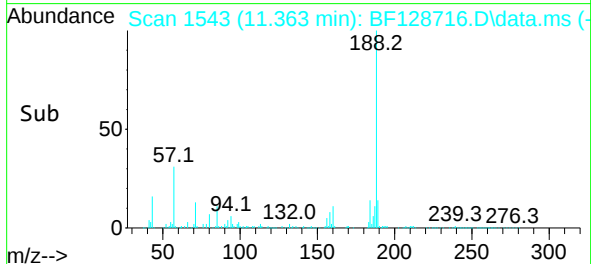
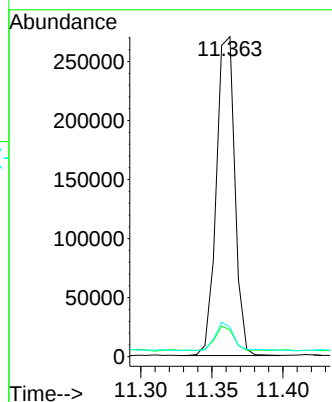
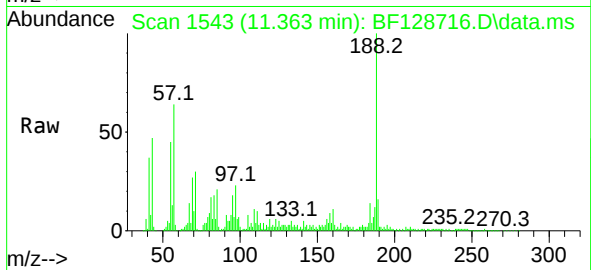
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.363 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF128716.D
Acq: 07 Jun 2022 15:19

Instrument :
BNA_F
ClientSampleId :
WC-14B-10

Tgt Ion:188 Resp: 24494
Ion Ratio Lower Upper
188 100
94 8.4 7.0 10.6
80 9.2 7.6 11.4

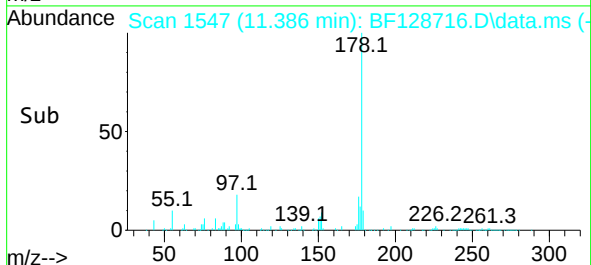
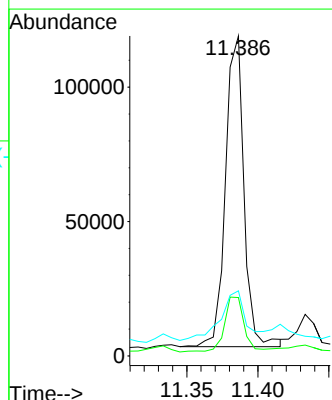
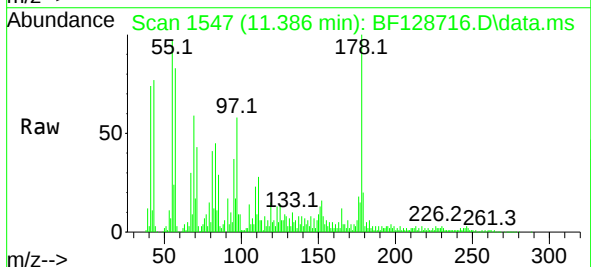
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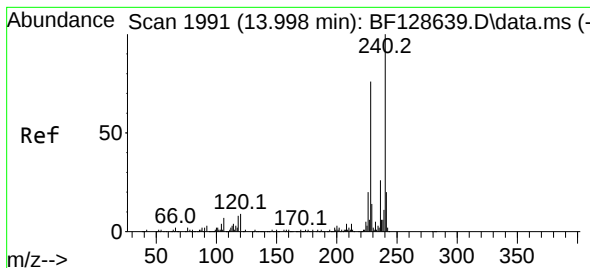
Reviewed By :Christian Giraldo 06/08/2022
Supervised By :Jagrut Upadhyay 06/08/2022



#71
Phenanthrene
Concen: 8.514 ng
RT: 11.386 min Scan# 1547
Delta R.T. 0.006 min
Lab File: BF128716.D
Acq: 07 Jun 2022 15:19

Tgt Ion:178 Resp: 104603
Ion Ratio Lower Upper
178 100
176 18.2 16.0 24.0
179 20.4 12.6 19.0#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.004 min Scan# 1991

Delta R.T. 0.006 min

Lab File: BF128716.D

Acq: 07 Jun 2022 15:19

Instrument :

BNA_F

ClientSampleId :

WC-14B-10

Tgt Ion:240 Resp: 158162

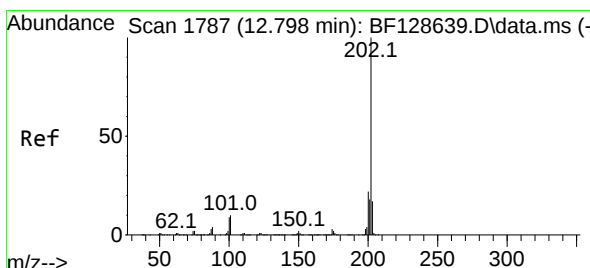
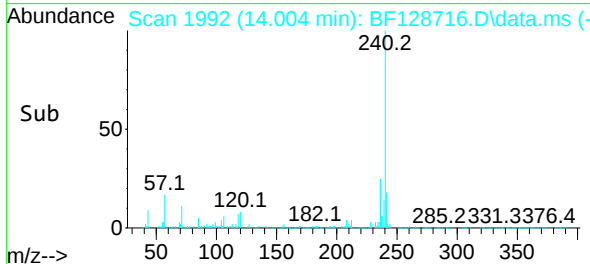
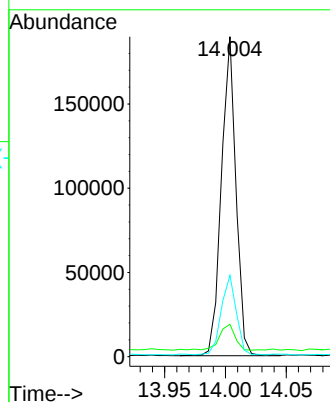
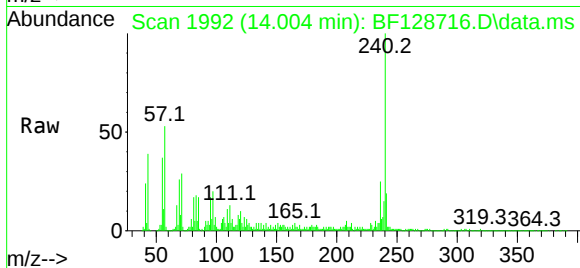
Ion	Ratio	Lower	Upper
240	100		
120	10.1	8.9	13.3
236	25.4	20.8	31.2

Manual Integrations

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Supervised By :Jagrut Upadhyay 06/08/2022



#78

Pyrene

Concen: 2.961 ng

RT: 12.804 min Scan# 1788

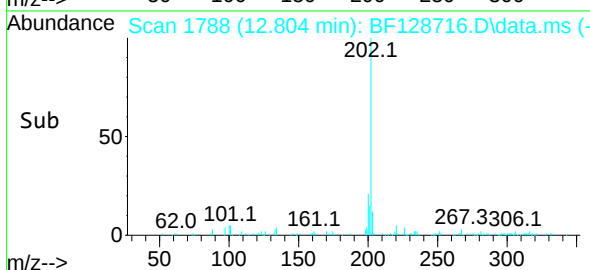
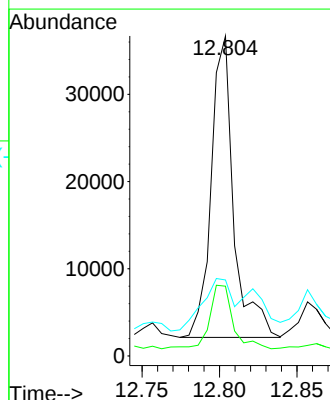
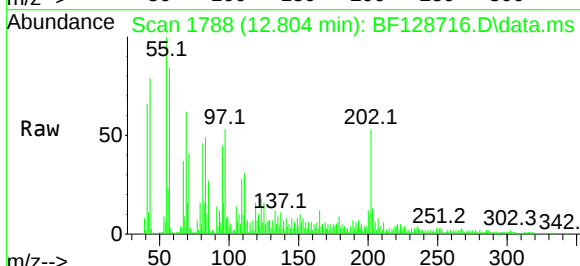
Delta R.T. 0.006 min

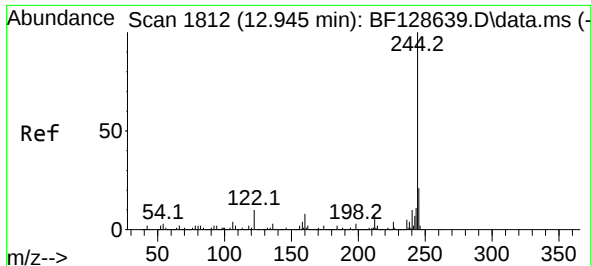
Lab File: BF128716.D

Acq: 07 Jun 2022 15:19

Tgt Ion:202 Resp: 34847

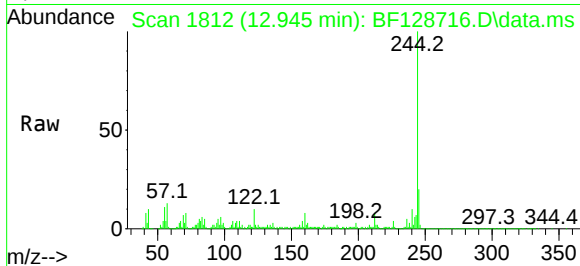
Ion	Ratio	Lower	Upper
202	100		
200	21.8	17.7	26.5
203	23.7	14.6	21.8





#79
Terphenyl-d14
Concen: 62.087 ng
RT: 12.945 min Scan# 1812
Delta R.T. 0.000 min
Lab File: BF128716.D
Acq: 07 Jun 2022 15:19

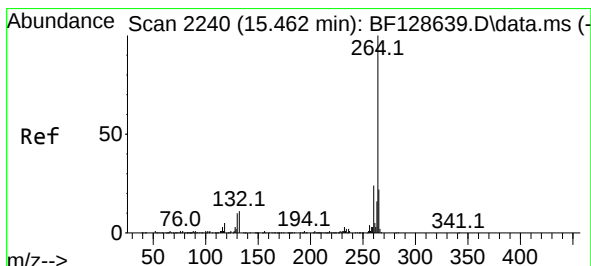
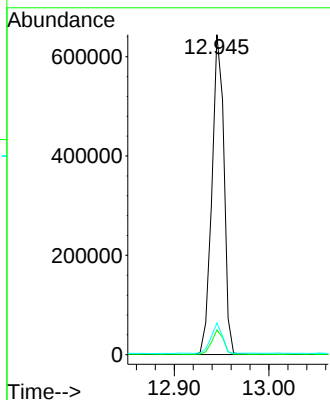
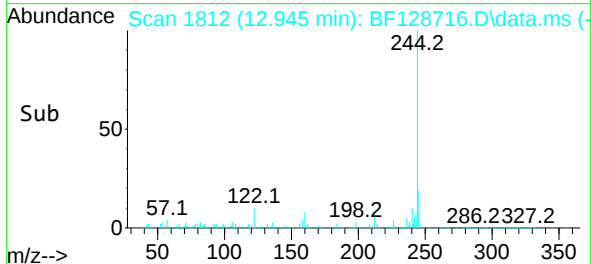
Instrument :
BNA_F
ClientSampleId :
WC-14B-10



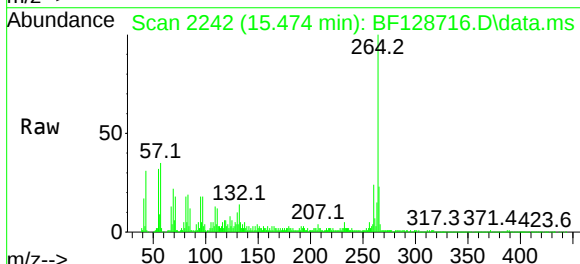
Tgt Ion:244 Resp: 565120
Ion Ratio Lower Upper
244 100
212 7.7 6.1 9.1
122 9.9 8.8 13.2

Manual Integrations
APPROVED

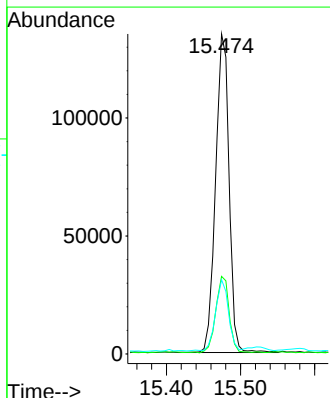
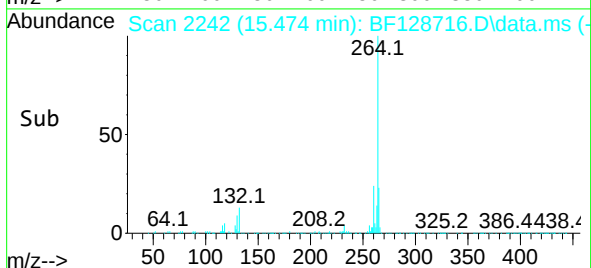
Reviewed By :Christian Giraldo 06/08/2022
Supervised By :Jagrut Upadhyay 06/08/2022

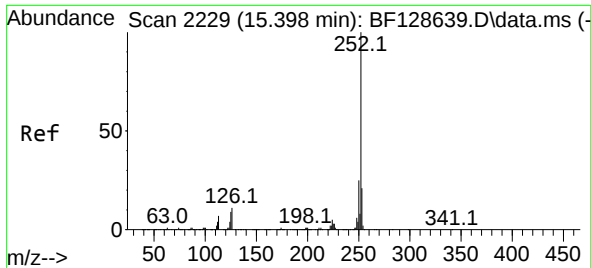


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.474 min Scan# 2242
Delta R.T. 0.012 min
Lab File: BF128716.D
Acq: 07 Jun 2022 15:19



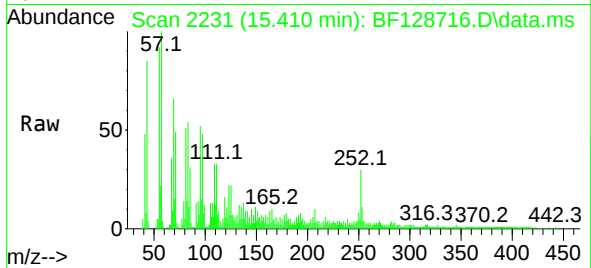
Tgt Ion:264 Resp: 170602
Ion Ratio Lower Upper
264 100
260 24.3 18.4 27.6
265 23.2 17.2 25.8





#90
Benzo(a)pyrene
Concen: 2.037 ng
RT: 15.410 min Scan# 21
Delta R.T. 0.012 min
Lab File: BF128716.D
Acq: 07 Jun 2022 15:19

Instrument :
BNA_F
ClientSampleId :
WC-14B-10



Tgt Ion:252 Resp: 17450
Ion Ratio Lower Upper
252 100
253 35.0 17.0 25.6
125 71.4 8.8 13.2

Manual Integrations
APPROVED

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

