

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062122\
 Data File : BF128904.D
 Acq On : 21 Jun 2022 18:31
 Operator : CG\JU
 Sample : N3421-05
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-3-9-11-20220620

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 06/22/2022
 Supervised By : Jagrut Upadhyay 06/22/2022

Quant Time: Jun 22 01:52:36 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 22 01:02:29 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.751	152	87010	20.000	ng	0.00
21) Naphthalene-d8	8.034	136	334159	20.000	ng	0.00
39) Acenaphthene-d10	9.786	164	188536	20.000	ng	0.00
64) Phenanthrene-d10	11.274	188	369392	20.000	ng	0.00
76) Chrysene-d12	13.916	240	229021	20.000	ng	#-0.01
86) Perylene-d12	15.357	264	187613	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.387	112	375036	68.655	ng	0.00
7) Phenol-d6	6.410	99	500764	75.099	ng	0.00
23) Nitrobenzene-d5	7.316	82	346846	48.326	ng	-0.01
42) 2,4,6-Tribromophenol	10.580	330	159680	71.681	ng	0.00
45) 2-Fluorobiphenyl	9.110	172	663849	49.323	ng	0.00
79) Terphenyl-d14	12.863	244	785286	59.581	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	11.298	178	42708	2.305	ng	98
75) Fluoranthene	12.486	202	82741	4.272	ng	97
78) Pyrene	12.716	202	82293	4.830	ng	96
81) Benzo(a)anthracene	13.904	228	30594	2.143	ng	98
83) Chrysene	13.945	228	28760	2.113	ng	99
88) Benzo(b)fluoranthene	14.945	252	26527m	2.213	ng	
90) Benzo(a)pyrene	15.298	252	21251m	2.255	ng	

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

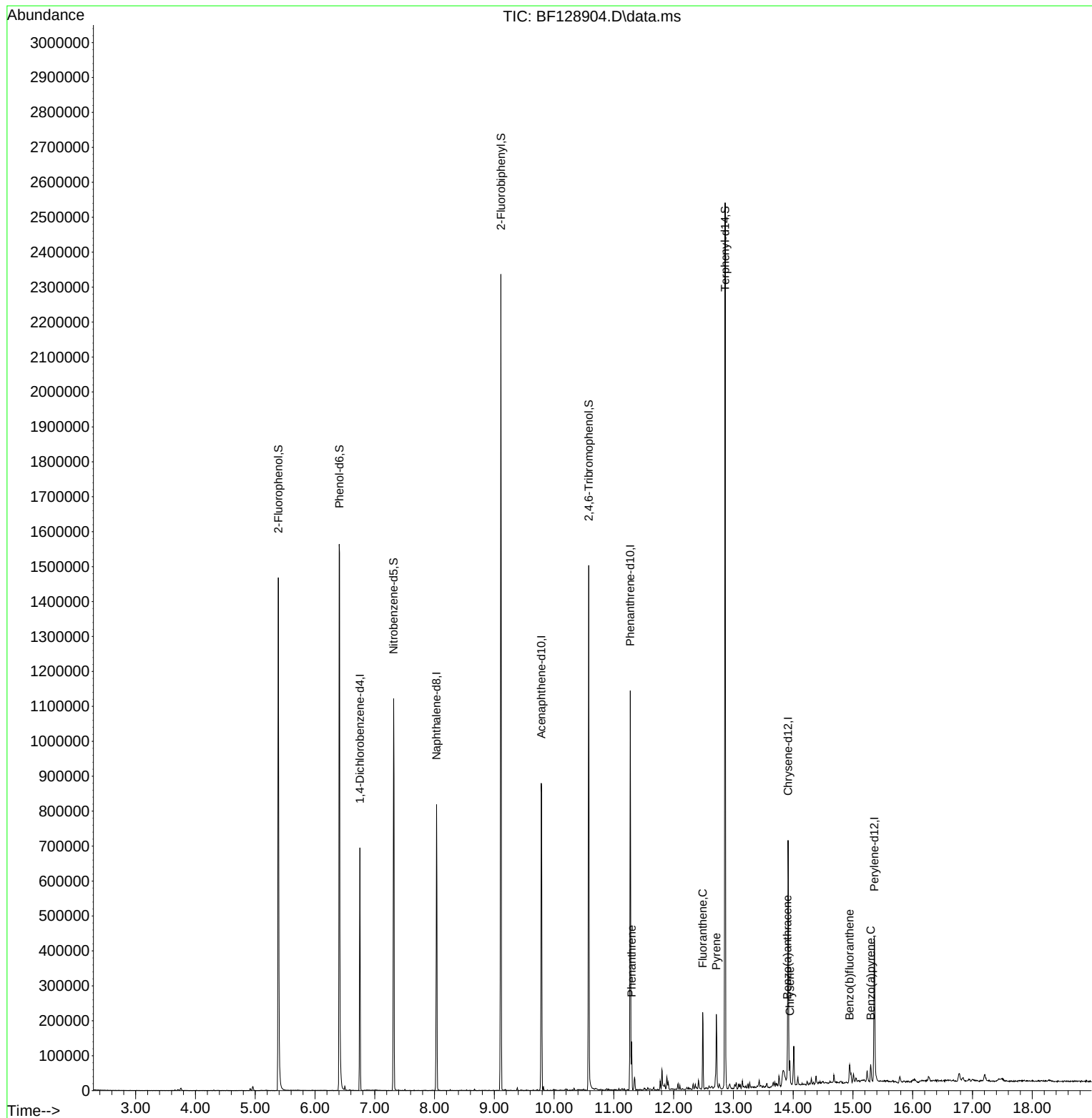
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062122\
Data File : BF128904.D
Acq On : 21 Jun 2022 18:31
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ALS Vial : 5 Sample Multiplier: 1

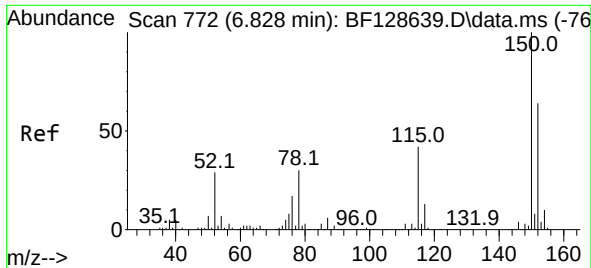
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Quant Time: Jun 22 01:52:36 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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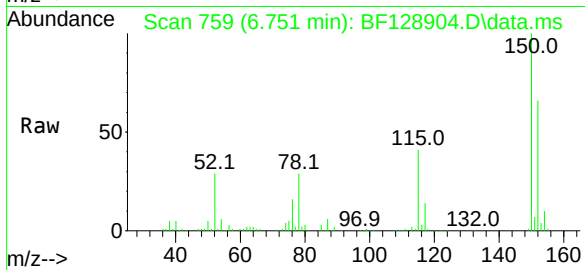
Reviewed By : Christian Giraldo 06/22/2022
Supervised By : Jagrut Upadhyay 06/22/2022





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.751 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF128904.D
Acq: 21 Jun 2022 18:31

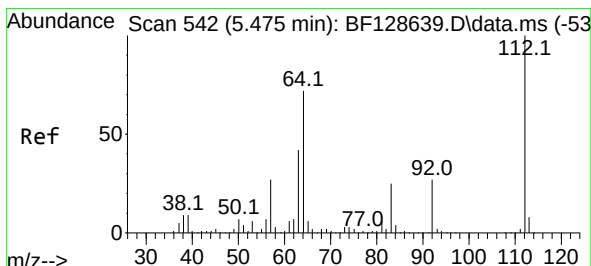
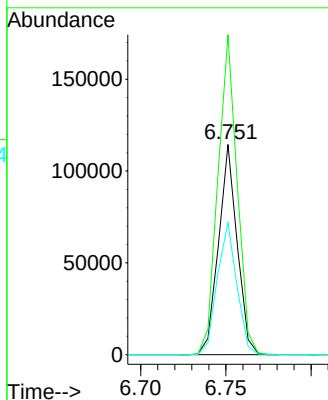
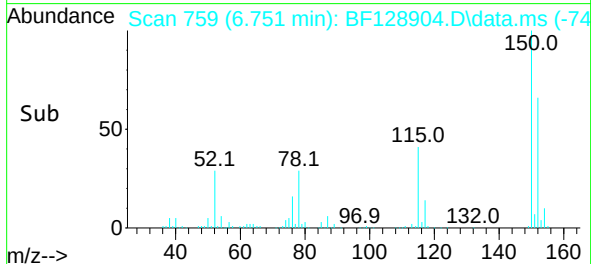
Instrument :
BNA_F
ClientSampleId :
SB-3-9-11-20220620



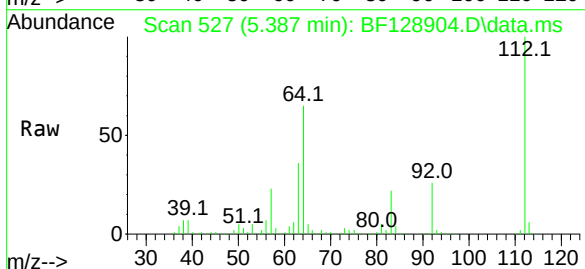
Tgt Ion:152 Resp: 87010
Ion Ratio Lower Upper
152 100
150 152.2 123.7 185.5
115 62.7 49.9 74.9

Manual Integrations
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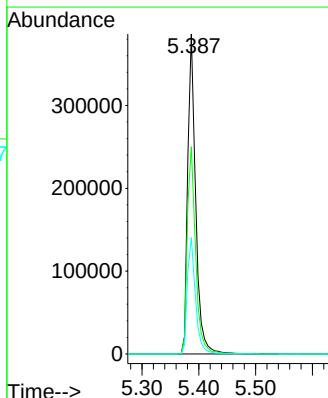
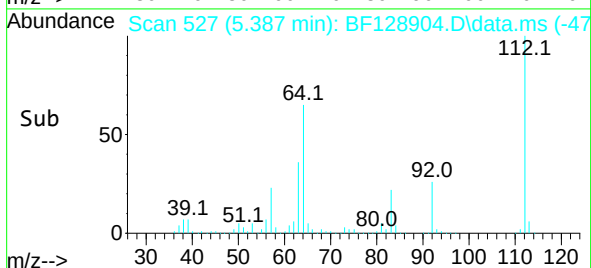
Reviewed By :Christian Giraldo 06/22/2022
Supervised By :Jagrut Upadhyay 06/22/2022

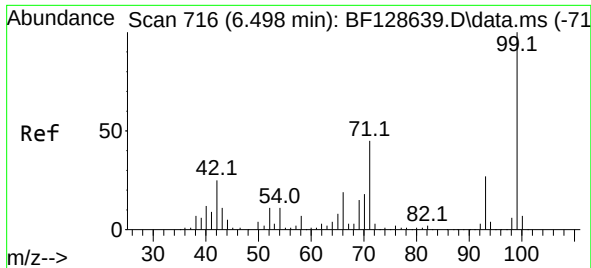


#5
2-Fluorophenol
Concen: 68.655 ng
RT: 5.387 min Scan# 527
Delta R.T. 0.000 min
Lab File: BF128904.D
Acq: 21 Jun 2022 18:31



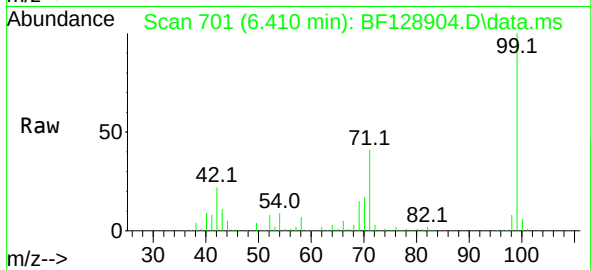
Tgt Ion:112 Resp: 375036
Ion Ratio Lower Upper
112 100
64 64.8 53.3 79.9
63 36.4 28.0 42.0





#7
Phenol-d6
Concen: 75.099 ng
RT: 6.410 min Scan# 701
Delta R.T. -0.006 min
Lab File: BF128904.D
Acq: 21 Jun 2022 18:31

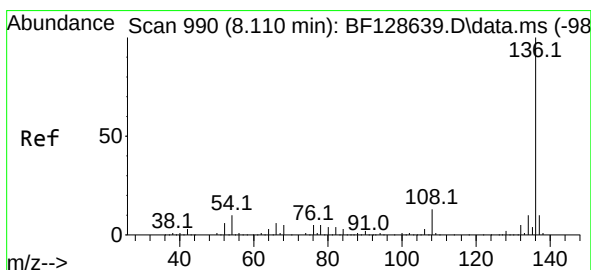
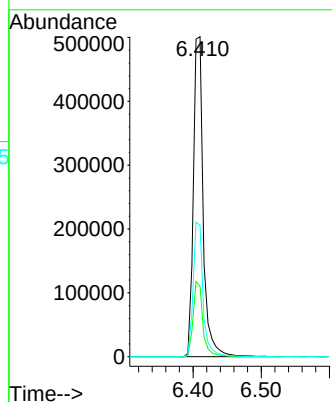
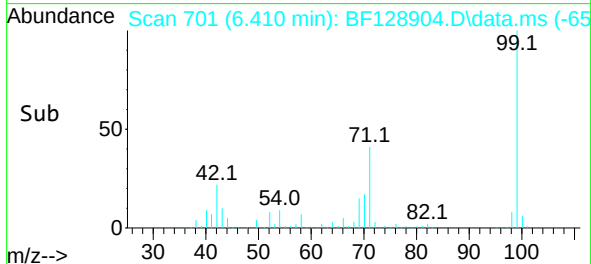
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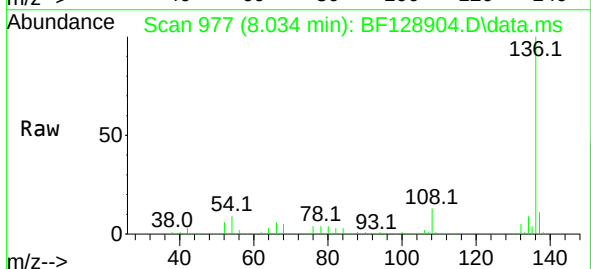
Tgt Ion: 99 Resp: 500764
Ion Ratio Lower Upper
99 100
42 21.9 17.3 25.9
71 41.0 28.9 43.3

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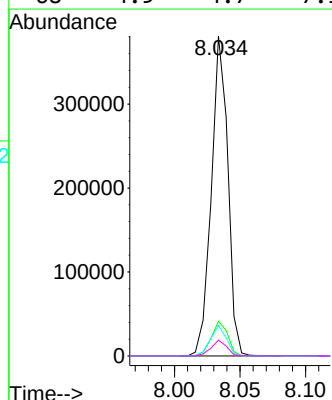
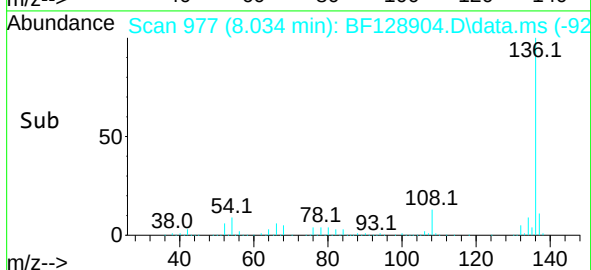
Reviewed By :Christian Giraldo 06/22/2022
Supervised By :Jagrut Upadhyay 06/22/2022

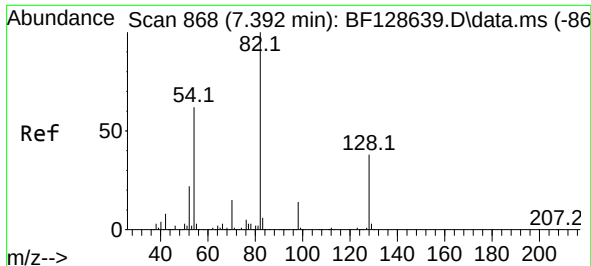


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.034 min Scan# 977
Delta R.T. -0.006 min
Lab File: BF128904.D
Acq: 21 Jun 2022 18:31



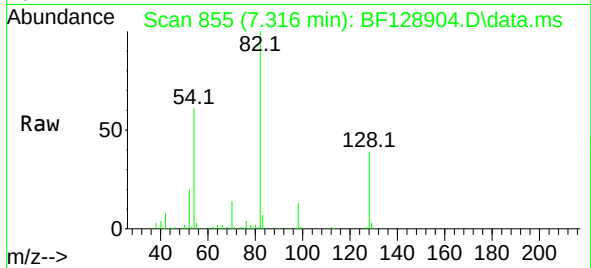
Tgt Ion:136 Resp: 334159
Ion Ratio Lower Upper
136 100
137 10.8 8.8 13.2
54 9.5 7.5 11.3
68 4.9 4.7 7.1





#23
Nitrobenzene-d5
Concen: 48.326 ng
RT: 7.316 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF128904.D
Acq: 21 Jun 2022 18:31

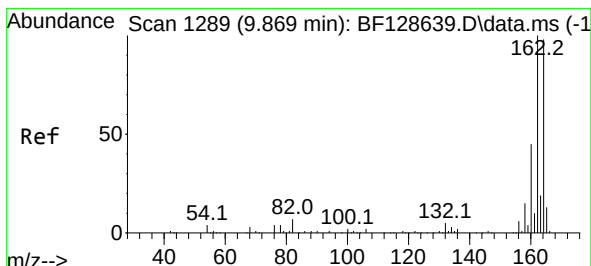
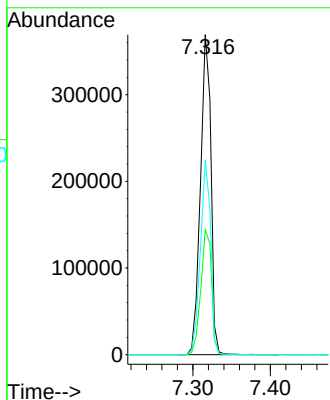
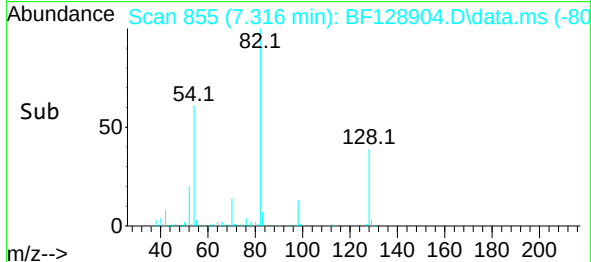
Instrument :
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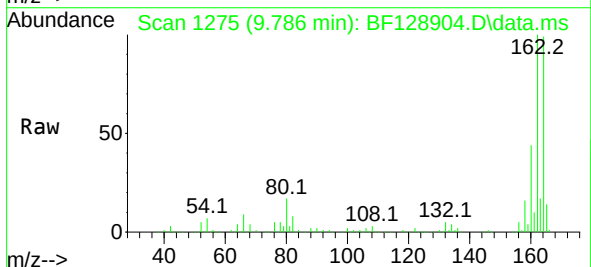
Tgt Ion: 82 Resp: 346840
Ion Ratio Lower Upper
82 100
128 39.1 34.0 51.0
54 60.8 46.9 70.3

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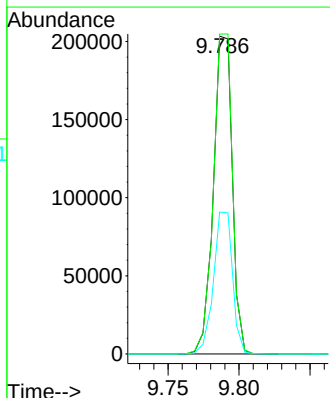
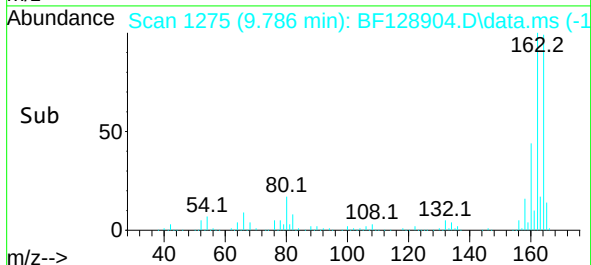
Reviewed By :Christian Giraldo 06/22/2022
Supervised By :Jagrut Upadhyay 06/22/2022

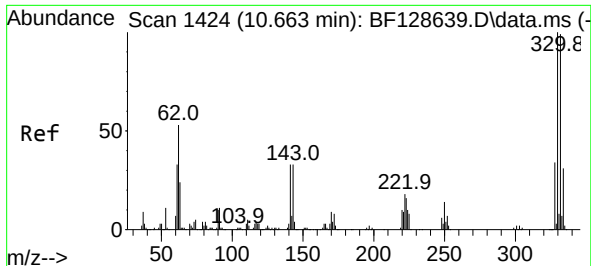


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.786 min Scan# 1275
Delta R.T. -0.006 min
Lab File: BF128904.D
Acq: 21 Jun 2022 18:31



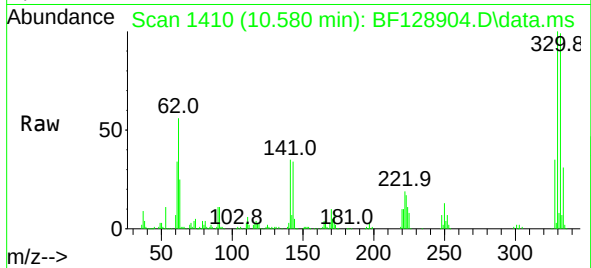
Tgt Ion:164 Resp: 188536
Ion Ratio Lower Upper
164 100
162 100.7 79.5 119.3
160 44.7 34.2 51.4





#42
2,4,6-Tribromophenol
Concen: 71.681 ng
RT: 10.580 min Scan# 1424
Delta R.T. -0.006 min
Lab File: BF128904.D
Acq: 21 Jun 2022 18:31

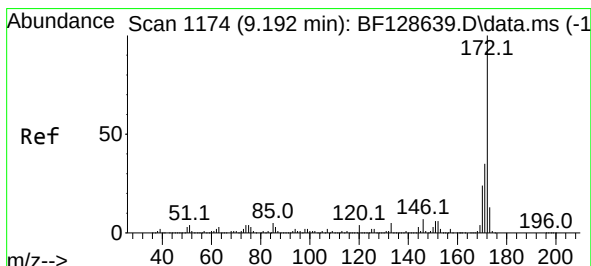
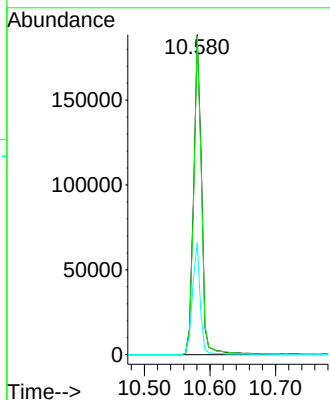
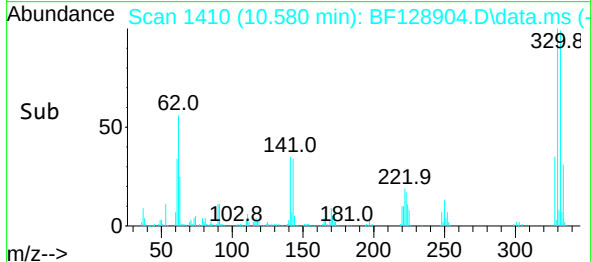
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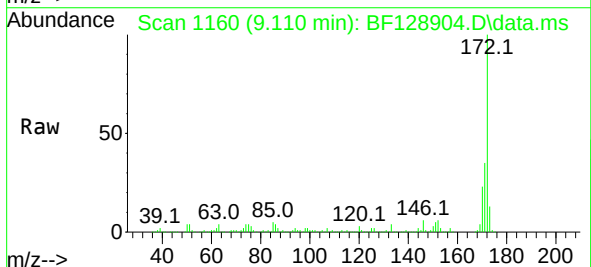
Tgt Ion:330 Resp: 159680
Ion Ratio Lower Upper
330 100
332 97.5 76.8 115.2
141 34.1 28.0 42.0

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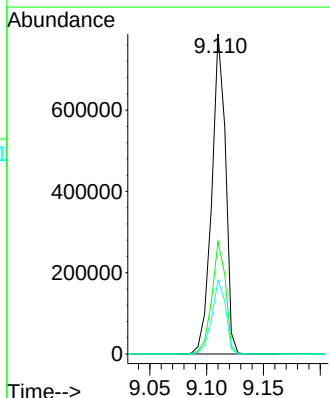
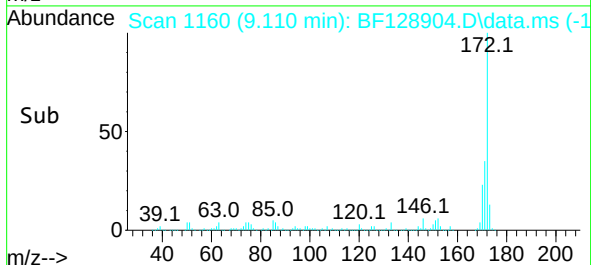
Reviewed By :Christian Giraldo 06/22/2022
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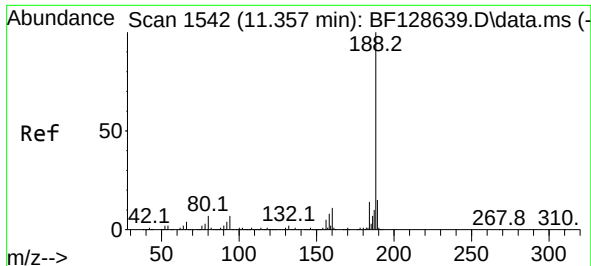


#45
2-Fluorobiphenyl
Concen: 49.323 ng
RT: 9.110 min Scan# 1160
Delta R.T. -0.006 min
Lab File: BF128904.D
Acq: 21 Jun 2022 18:31



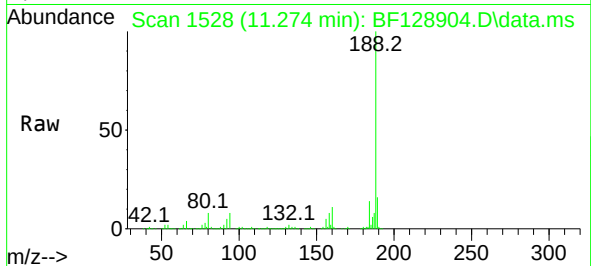
Tgt Ion:172 Resp: 663849
Ion Ratio Lower Upper
172 100
171 35.2 28.8 43.2
170 23.1 19.8 29.8





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.274 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF128904.D
Acq: 21 Jun 2022 18:31

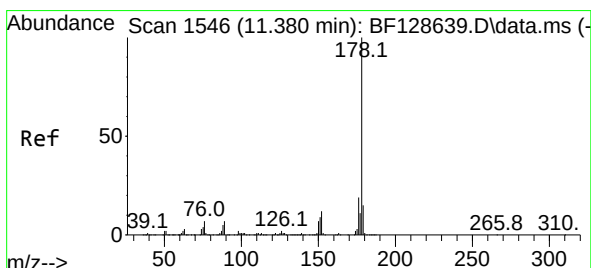
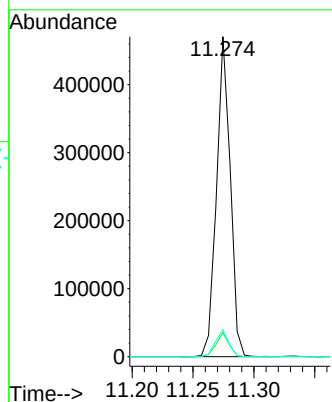
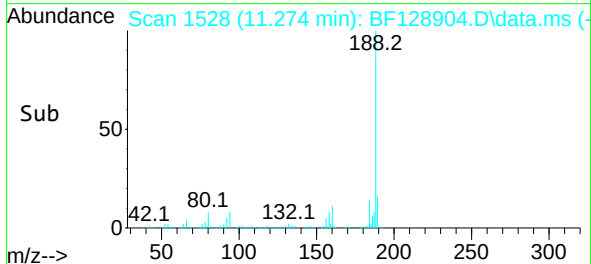
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Tgt Ion:188 Resp: 369392
Ion Ratio Lower Upper
188 100
94 7.5 7.0 10.6
80 8.5 7.6 11.4

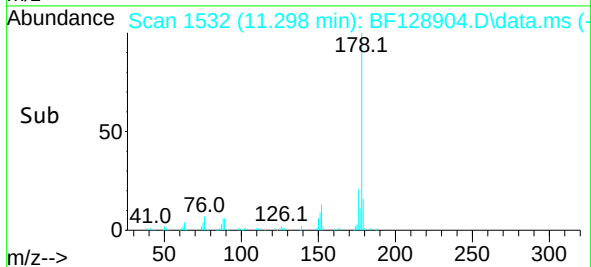
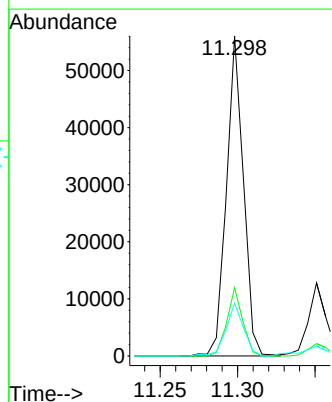
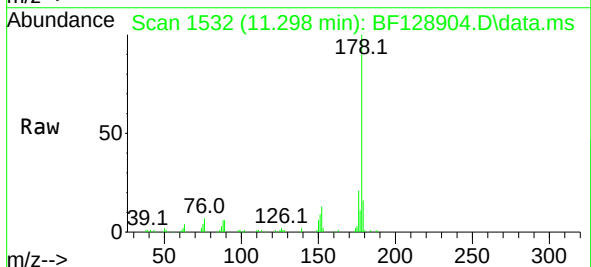
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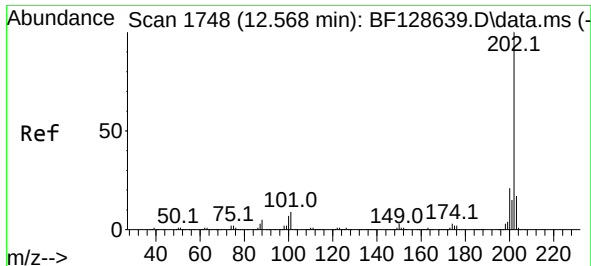
Reviewed By :Christian Giraldo 06/22/2022
Supervised By :Jagrut Upadhyay 06/22/2022



#71
Phenanthrene
Concen: 2.305 ng
RT: 11.298 min Scan# 1532
Delta R.T. -0.012 min
Lab File: BF128904.D
Acq: 21 Jun 2022 18:31

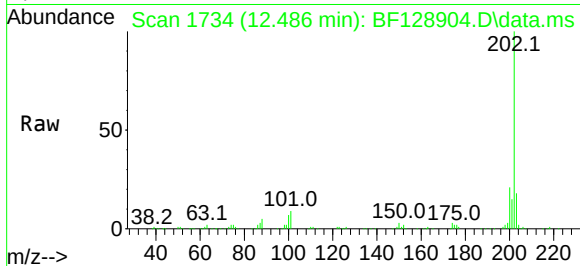
Tgt Ion:178 Resp: 42708
Ion Ratio Lower Upper
178 100
176 21.3 16.0 24.0
179 16.5 12.6 19.0





#75
Fluoranthene
Concen: 4.272 ng
RT: 12.486 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF128904.D
Acq: 21 Jun 2022 18:31

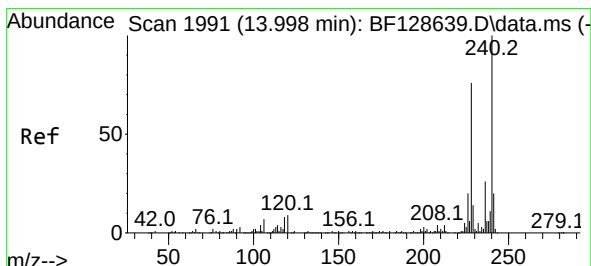
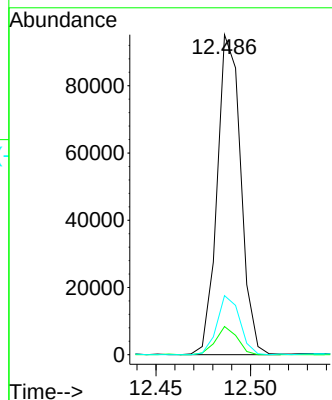
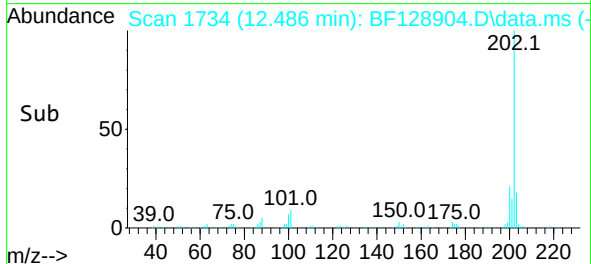
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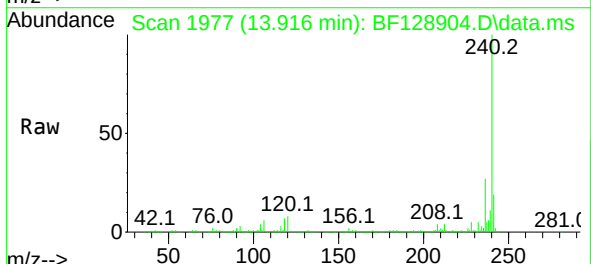
Tgt Ion: 202 Resp: 8274
Ion Ratio Lower Upper
202 100
101 8.8 0.0 31.4
203 18.4 0.0 38.0

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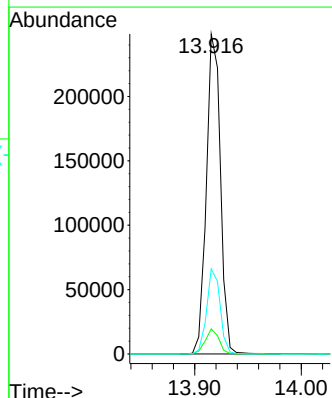
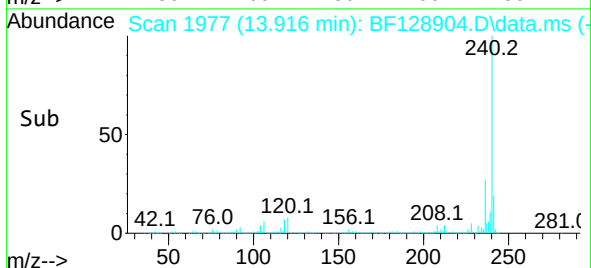
Reviewed By : Christian Giraldo 06/22/2022
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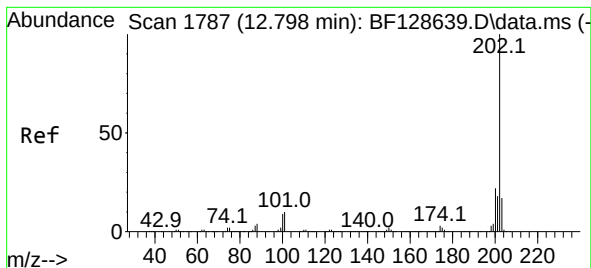


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.916 min Scan# 1977
Delta R.T. -0.012 min
Lab File: BF128904.D
Acq: 21 Jun 2022 18:31



Tgt Ion: 240 Resp: 229021
Ion Ratio Lower Upper
240 100
120 7.8 8.9 13.3#
236 26.6 20.8 31.2





#78

Pyrene

Concen: 4.830 ng

RT: 12.716 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF128904.D

Acq: 21 Jun 2022 18:31

Instrument :

BNA_F

ClientSampleId :

SB-3-9-11-20220620

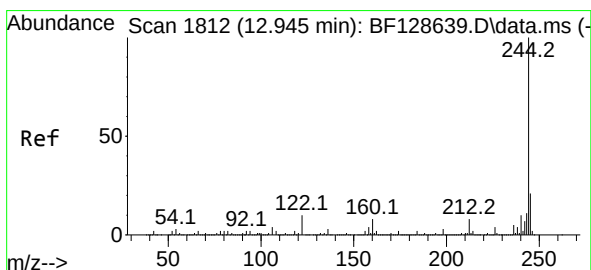
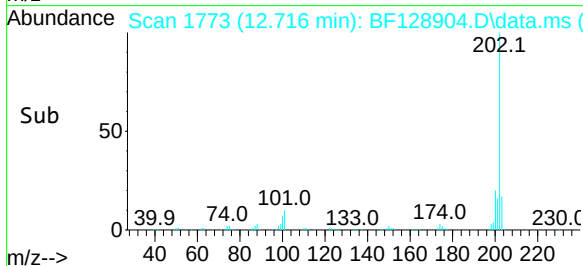
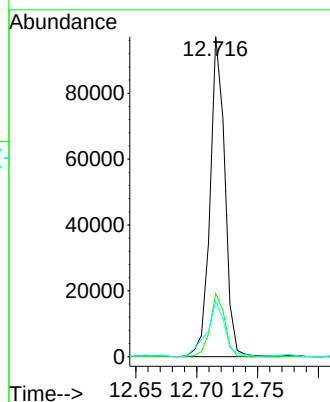
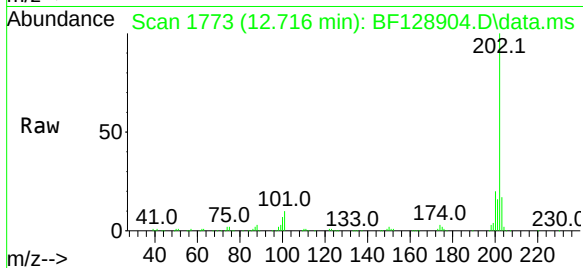
Tgt Ion:202	Resp: 8229
Ion Ratio	Lower Upper
202 100	
200 19.7	17.7 26.5
203 17.3	14.6 21.8

Manual Integrations

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Reviewed By :Christian Giraldo 06/22/2022

Supervised By :Jagrut Upadhyay 06/22/2022



#79

Terphenyl-d14

Concen: 59.581 ng

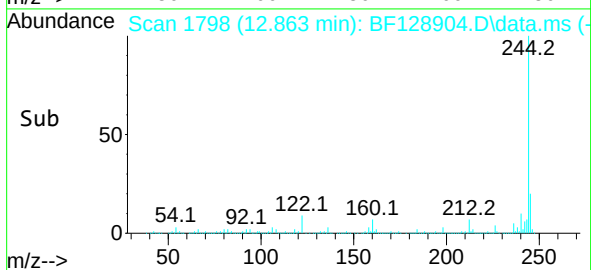
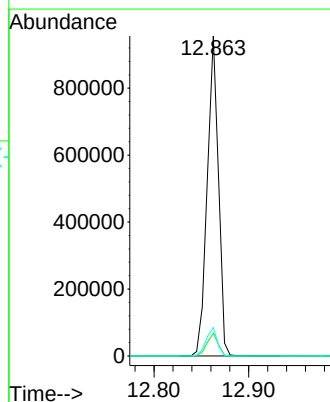
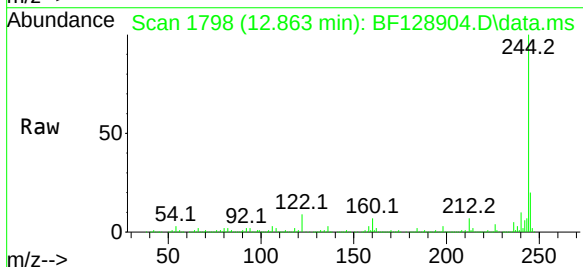
RT: 12.863 min Scan# 1798

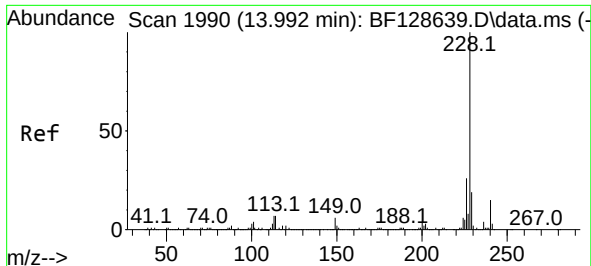
Delta R.T. -0.006 min

Lab File: BF128904.D

Acq: 21 Jun 2022 18:31

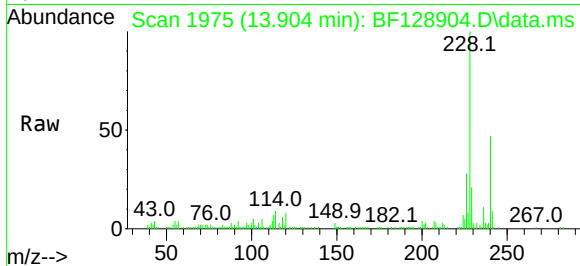
Tgt Ion:244	Resp: 785286
Ion Ratio	Lower Upper
244 100	
212 7.1	6.1 9.1
122 8.8	8.8 13.2





#81
Benzo(a)anthracene
Concen: 2.143 ng
RT: 13.904 min Scan# 1990
Delta R.T. -0.012 min
Lab File: BF128904.D
Acq: 21 Jun 2022 18:31

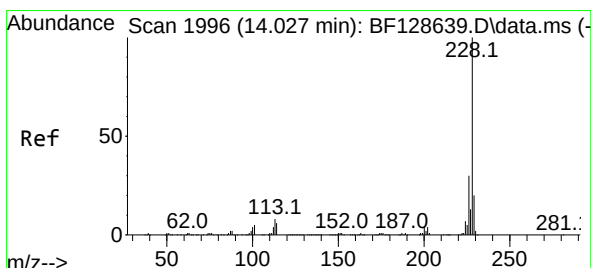
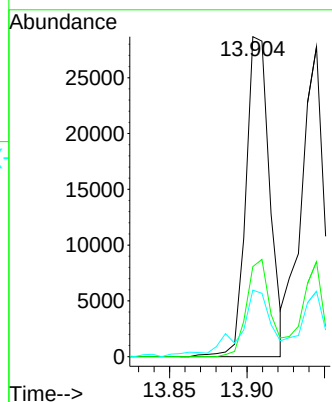
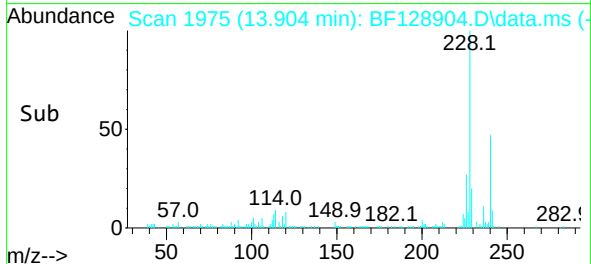
Instrument :
BNA_F
ClientSampleId :
SB-3-9-11-20220620



Tgt Ion:228 Resp: 30594
Ion Ratio Lower Upper
228 100
226 28.2 22.1 33.1
229 20.8 15.8 23.8

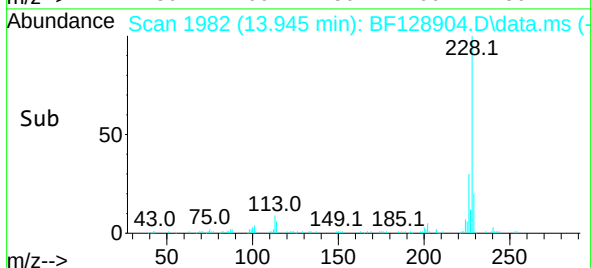
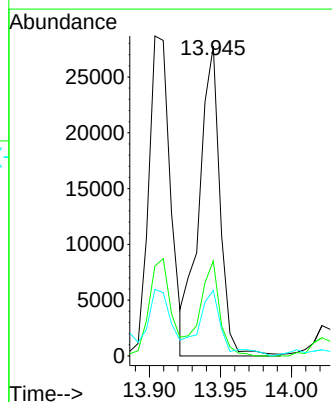
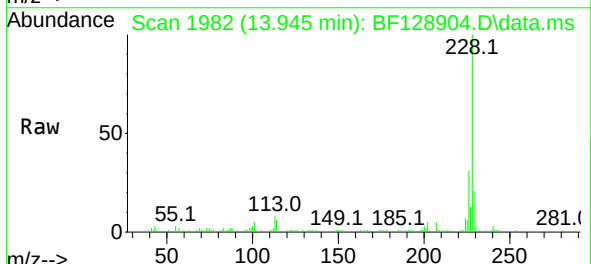
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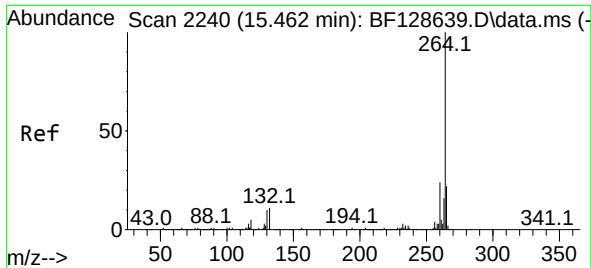
Reviewed By :Christian Giraldo 06/22/2022
Supervised By :Jagrut Upadhyay 06/22/2022



#83
Chrysene
Concen: 2.113 ng
RT: 13.945 min Scan# 1982
Delta R.T. -0.006 min
Lab File: BF128904.D
Acq: 21 Jun 2022 18:31

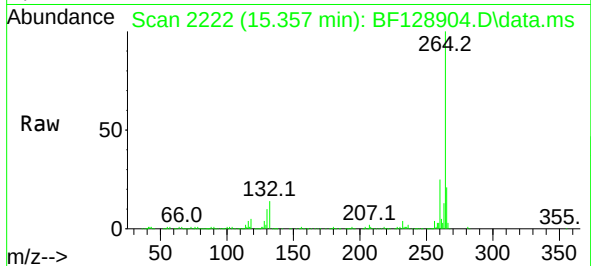
Tgt Ion:228 Resp: 28760
Ion Ratio Lower Upper
228 100
226 30.7 24.3 36.5
229 21.1 15.9 23.9





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.357 min Scan# 2152
 Delta R.T. -0.006 min
 Lab File: BF128904.D
 Acq: 21 Jun 2022 18:31

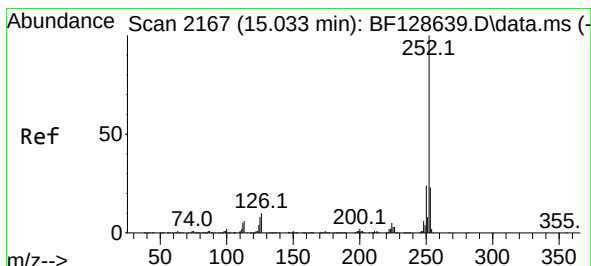
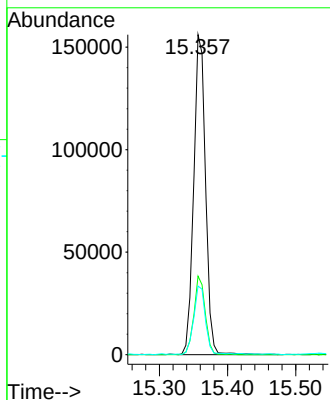
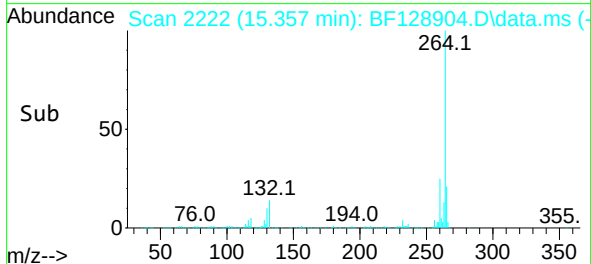
Instrument :
 BNA_F
 ClientSampleId :
 SB-3-9-11-20220620



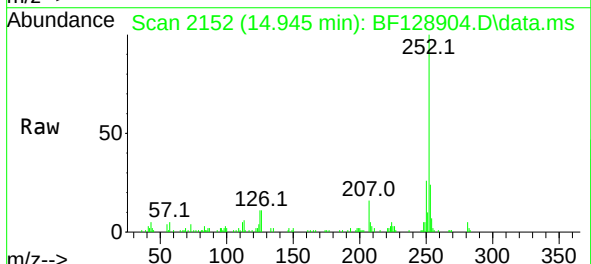
Tgt Ion:264 Resp: 18761
 Ion Ratio Lower Upper
 264 100
 260 24.6 18.4 27.6
 265 21.4 17.2 25.8

Manual Integrations
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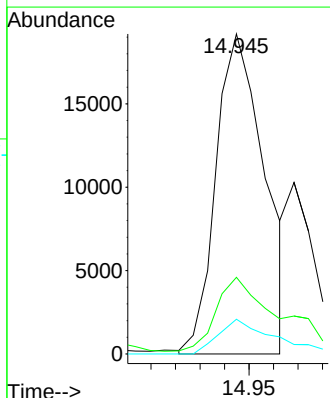
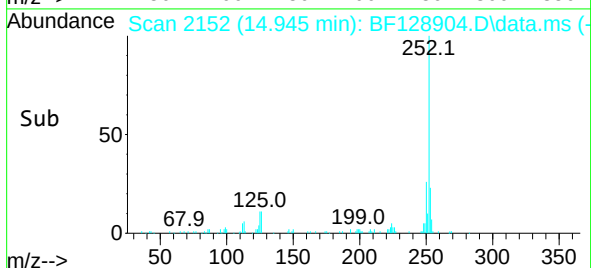
Reviewed By :Christian Giraldo 06/22/2022
 Supervised By :Jagrut Upadhyay 06/22/2022

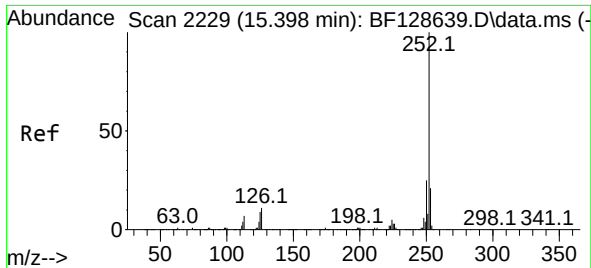


#88
 Benzo(b)fluoranthene
 Concen: 2.213 ng m
 RT: 14.945 min Scan# 2152
 Delta R.T. -0.006 min
 Lab File: BF128904.D
 Acq: 21 Jun 2022 18:31



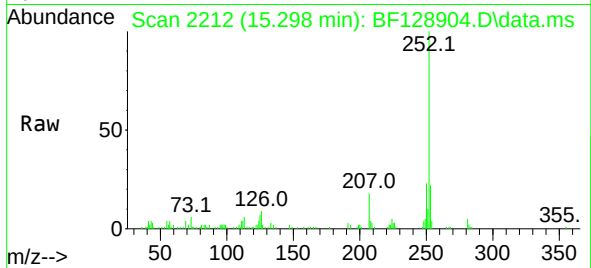
Tgt Ion:252 Resp: 26527
 Ion Ratio Lower Upper
 252 100
 253 23.9 17.7 26.5
 125 10.9 8.0 12.0





#90
Benzo(a)pyrene
Concen: 2.255 ng m
RT: 15.298 min Scan# 2125
Delta R.T. -0.006 min
Lab File: BF128904.D
Acq: 21 Jun 2022 18:31

Instrument :
BNA_F
ClientSampleId :
SB-3-9-11-20220620



Tgt Ion:252 Resp: 2125
Ion Ratio Lower Upper
252 100
253 21.7 17.0 25.6
125 7.3 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 06/22/2022
Supervised By :Jagrut Upadhyay 06/22/2022

