

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081922\
 Data File : BF129929.D
 Acq On : 20 Aug 2022 01:51
 Operator : CG\JU
 Sample : N4217-06
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP2-0815

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 08/22/2022
 Supervised By : Jagrut Upadhyay 08/22/2022

Quant Time: Aug 20 07:58:40 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Aug 20 07:47:33 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.787	152	138154	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	573703	20.000	ng	0.00
39) Acenaphthene-d10	9.822	164	315674	20.000	ng	0.00
64) Phenanthrene-d10	11.310	188	541242	20.000	ng	0.00
76) Chrysene-d12	13.957	240	309232	20.000	ng	0.00
86) Perylene-d12	15.416	264	270409	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	788284	94.472	ng	0.00
7) Phenol-d6	6.440	99	1005016	96.181	ng	0.00
23) Nitrobenzene-d5	7.357	82	611253	57.036	ng	0.00
42) 2,4,6-Tribromophenol	10.616	330	286858	90.541	ng	0.00
45) 2-Fluorobiphenyl	9.139	172	1100430	52.945	ng	0.00
79) Terphenyl-d14	12.898	244	1092891	58.807	ng	0.00
Target Compounds						
						Qvalue
71) Phenanthrene	11.333	178	72943	2.413	ng	99
75) Fluoranthene	12.527	202	92916	3.004	ng	97
78) Pyrene	12.757	202	145167	5.402	ng	99
81) Benzo(a)anthracene	13.945	228	42971	2.020	ng	98
83) Chrysene	13.986	228	50438	2.533	ng	98
88) Benzo(b)fluoranthene	14.998	252	38561m	2.083	ng	
90) Benzo(a)pyrene	15.357	252	31351	2.150	ng	# 92

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

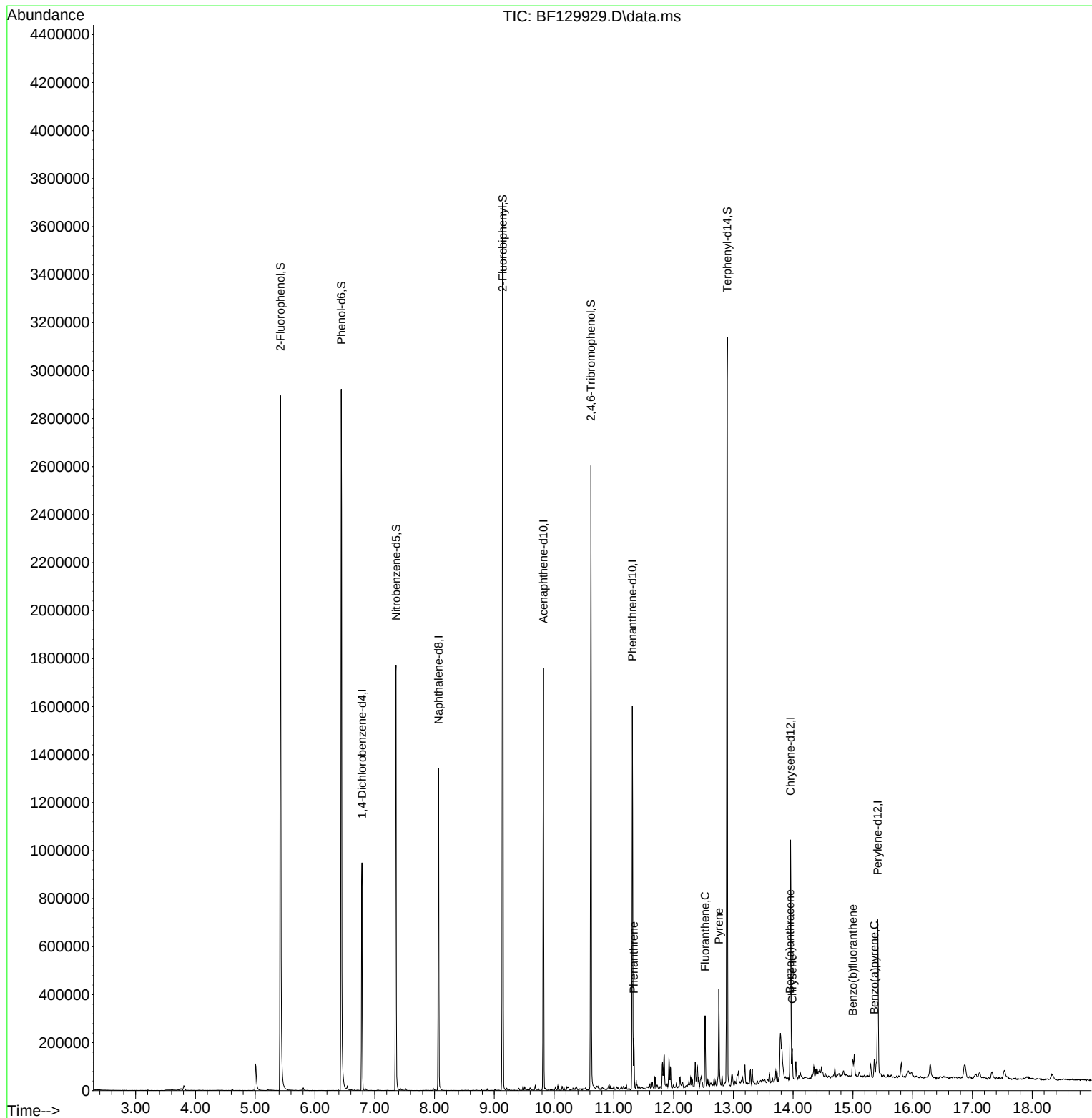
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081922\
Data File : BF129929.D
Acq On : 20 Aug 2022 01:51
Operator : CG\JU
Sample : N4217-06
Misc :
ALS Vial : 17 Sample Multiplier: 1

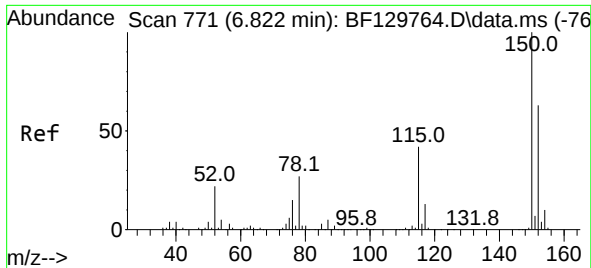
Instrument :
BNA_F
ClientSampleId :
TP2-0815

Manual Integrations
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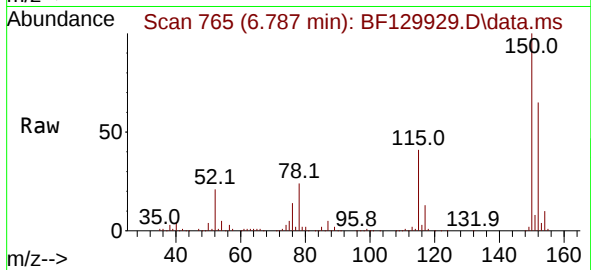
Quant Time: Aug 20 07:58:40 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Aug 20 07:47:33 2022
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.787 min Scan# 70
Delta R.T. -0.000 min
Lab File: BF129929.D
Acq: 20 Aug 2022 01:51

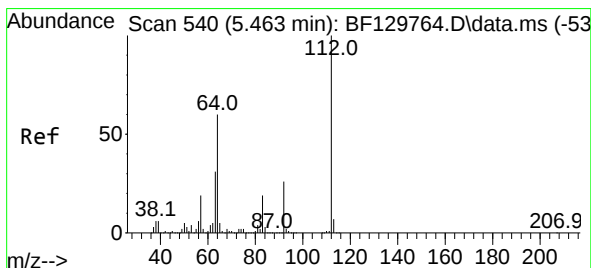
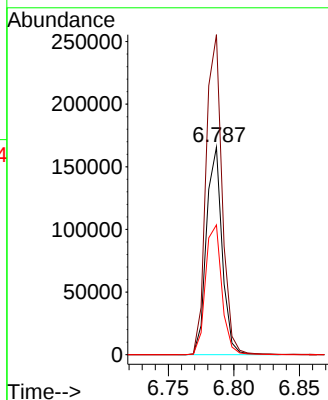
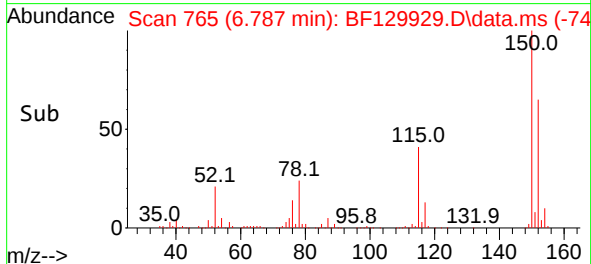
Instrument :
BNA_F
ClientSampleId :
TP2-0815



Tgt Ion:152 Resp: 138154
Ion Ratio Lower Upper
152 100
150 154.3 126.9 190.3
115 62.6 53.4 80.0

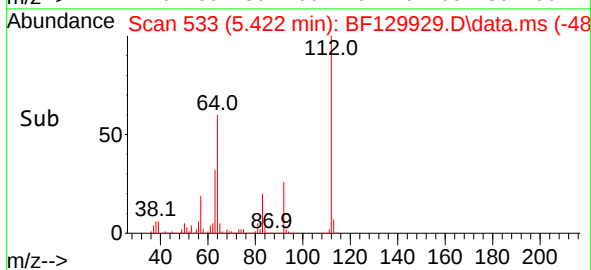
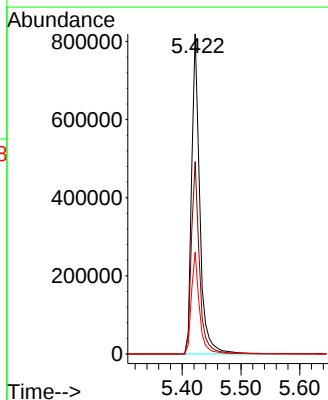
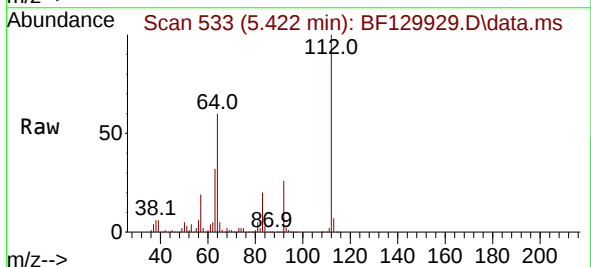
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#5
2-Fluorophenol
Concen: 94.472 ng
RT: 5.422 min Scan# 533
Delta R.T. 0.000 min
Lab File: BF129929.D
Acq: 20 Aug 2022 01:51

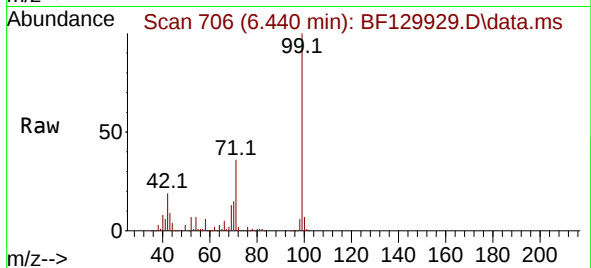
Tgt Ion:112 Resp: 788284
Ion Ratio Lower Upper
112 100
64 60.1 47.6 71.4
63 31.7 24.6 37.0





#7
Phenol-d6
Concen: 96.181 ng
RT: 6.440 min Scan# 706
Delta R.T. -0.006 min
Lab File: BF129929.D
Acq: 20 Aug 2022 01:51

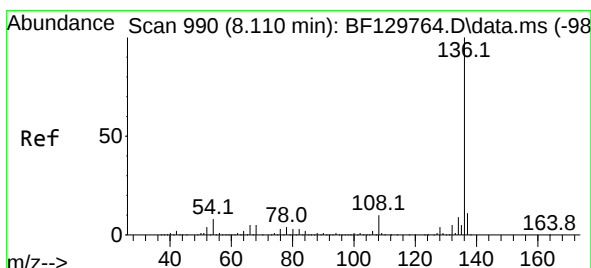
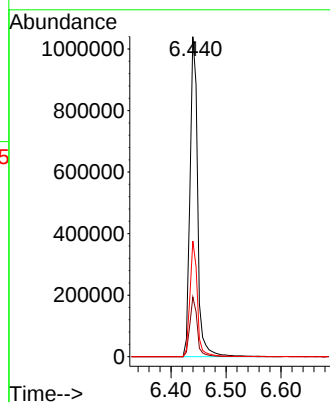
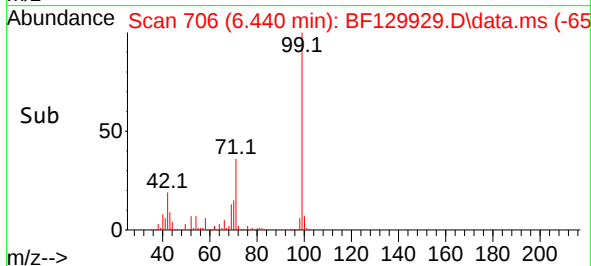
Instrument :
BNA_F
ClientSampleId :
TP2-0815



Tgt Ion: 99 Resp: 1005010
Ion Ratio Lower Upper
99 100
42 18.7 15.0 22.4
71 36.2 28.8 43.2

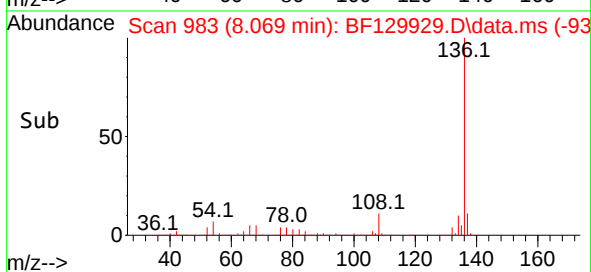
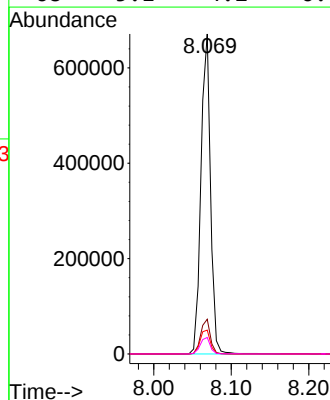
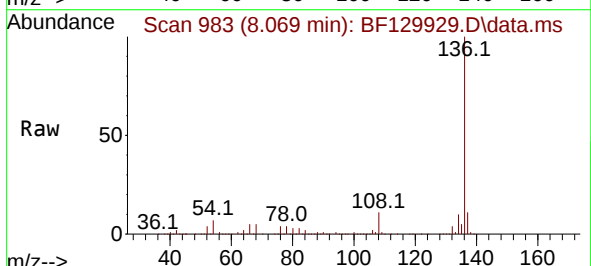
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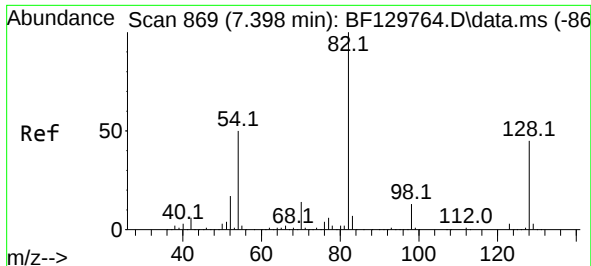
Reviewed By :Christian Giraldo 08/22/2022
Supervised By :Jagrut Upadhyay 08/22/2022



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 983
Delta R.T. 0.000 min
Lab File: BF129929.D
Acq: 20 Aug 2022 01:51

Tgt Ion:136 Resp: 573703
Ion Ratio Lower Upper
136 100
137 10.9 8.4 12.6
54 7.4 6.2 9.2
68 5.1 4.2 6.4





#23

Nitrobenzene-d5

Concen: 57.036 ng

RT: 7.357 min Scan# 80

Delta R.T. 0.000 min

Lab File: BF129929.D

Acq: 20 Aug 2022 01:51

Instrument :

BNA_F

ClientSampleId :

TP2-0815

Tgt Ion: 82 Resp: 61125

Ion Ratio Lower Upper

82 100

128 45.8 36.1 54.1

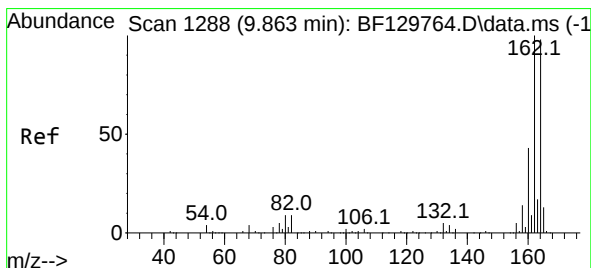
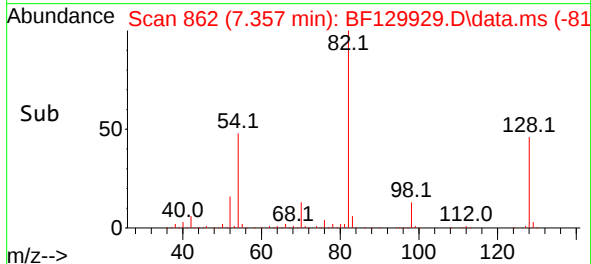
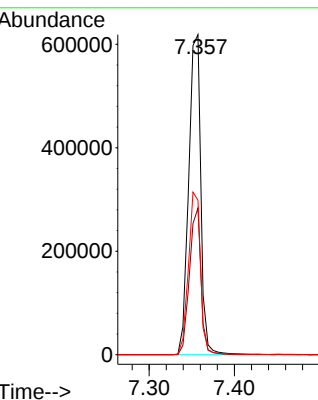
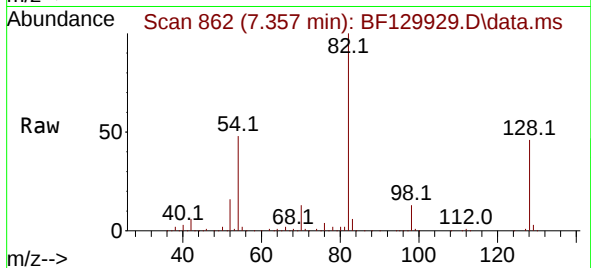
54 48.3 40.0 60.0

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#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.822 min Scan# 1281

Delta R.T. -0.006 min

Lab File: BF129929.D

Acq: 20 Aug 2022 01:51

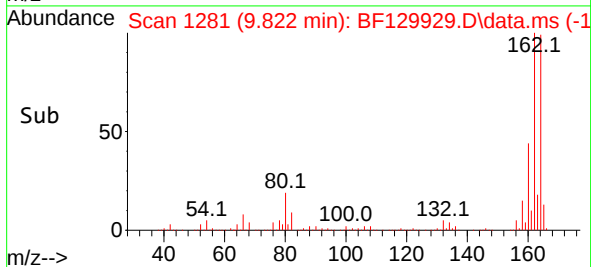
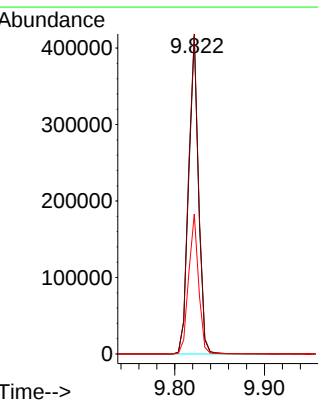
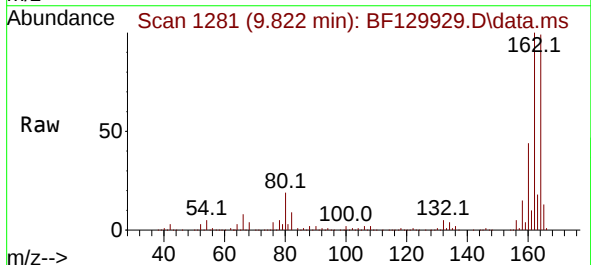
Tgt Ion:164 Resp: 315674

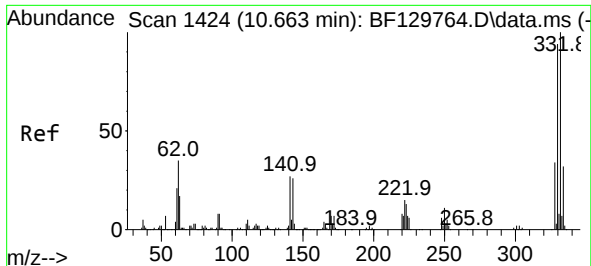
Ion Ratio Lower Upper

164 100

162 100.7 82.0 123.0

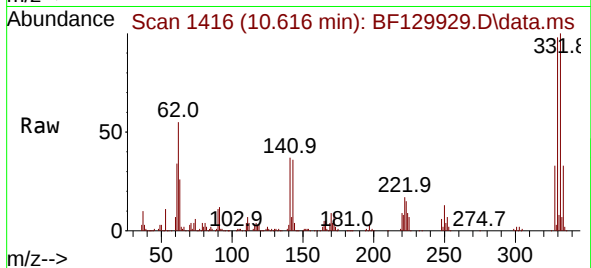
160 44.0 35.4 53.0





#42
2,4,6-Tribromophenol
Concen: 90.541 ng
RT: 10.616 min Scan# 1416
Delta R.T. -0.006 min
Lab File: BF129929.D
Acq: 20 Aug 2022 01:51

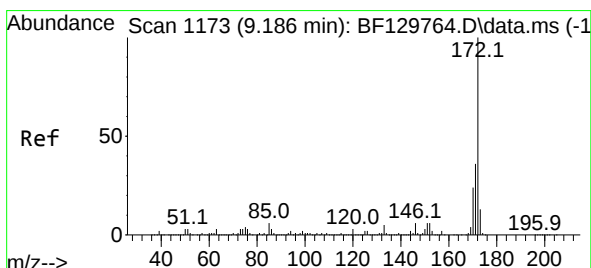
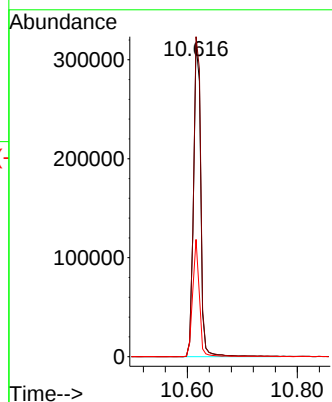
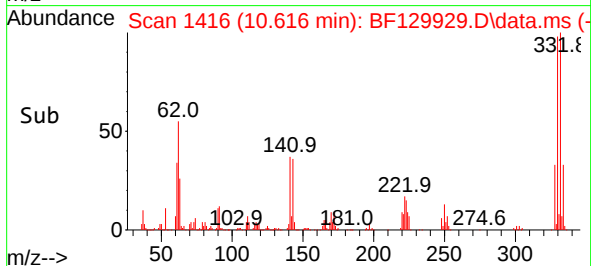
Instrument :
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ClientSampleId :
TP2-0815



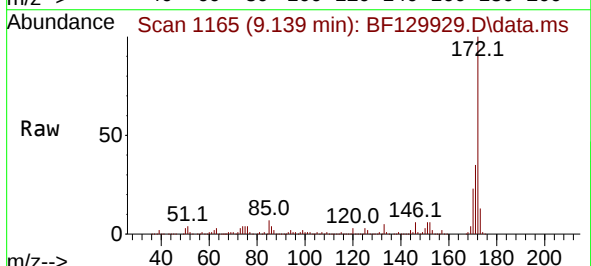
Tgt Ion: 330 Resp: 286858
Ion Ratio Lower Upper
330 100
332 102.0 82.6 124.0
141 34.7 27.6 41.4

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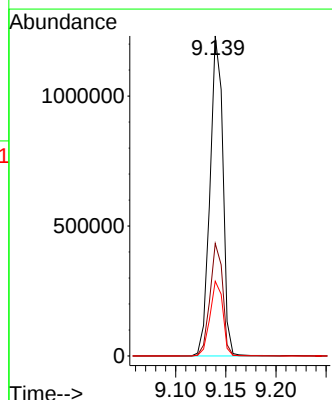
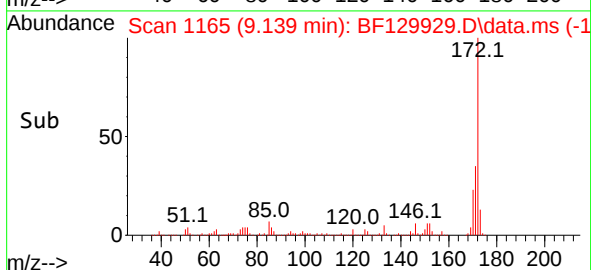
Reviewed By : Christian Giraldo 08/22/2022
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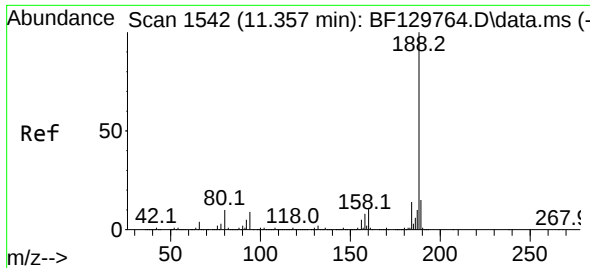


#45
2-Fluorobiphenyl
Concen: 52.945 ng
RT: 9.139 min Scan# 1165
Delta R.T. -0.006 min
Lab File: BF129929.D
Acq: 20 Aug 2022 01:51



Tgt Ion: 172 Resp: 1100430
Ion Ratio Lower Upper
172 100
171 35.1 28.4 42.6
170 23.4 19.1 28.7





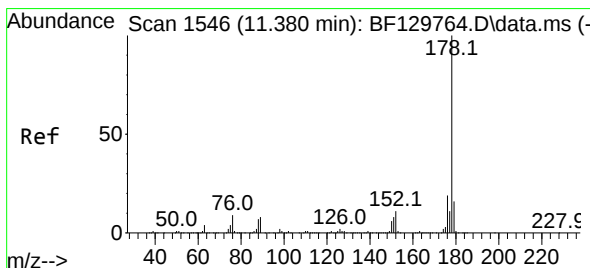
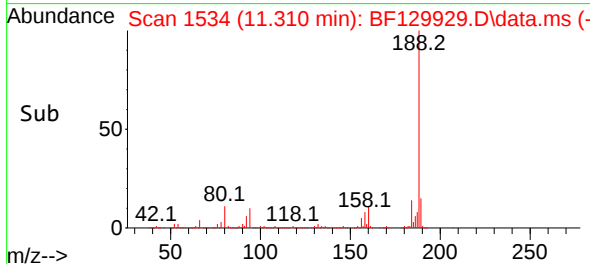
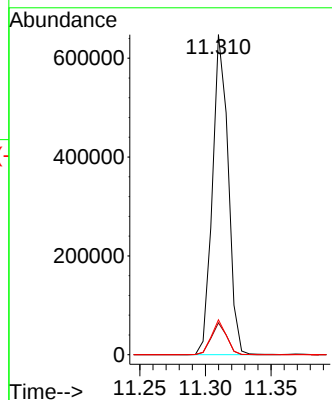
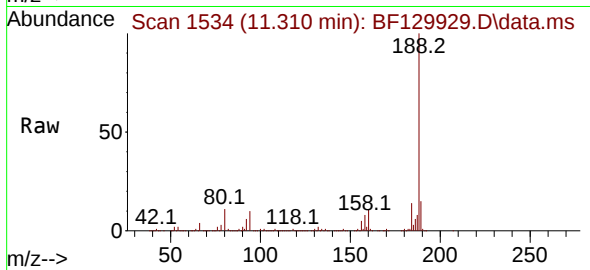
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF129929.D
Acq: 20 Aug 2022 01:51

Instrument :
BNA_F
ClientSampleId :
TP2-0815

Tgt Ion:188 Resp: 54124
Ion Ratio Lower Upper
188 100
94 9.9 7.4 11.2
80 10.9 7.9 11.9

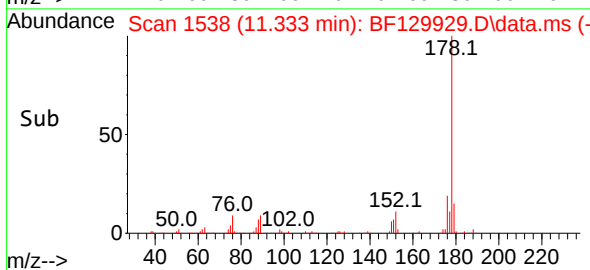
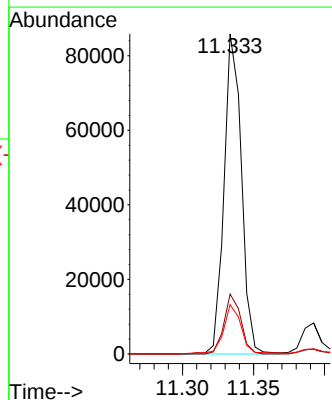
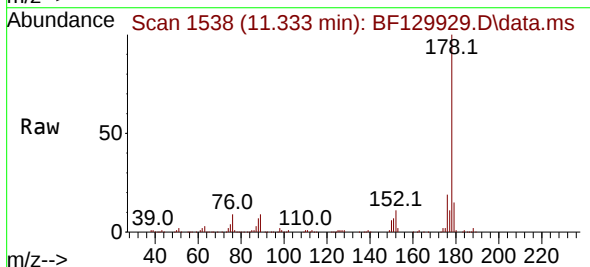
Manual Integrations
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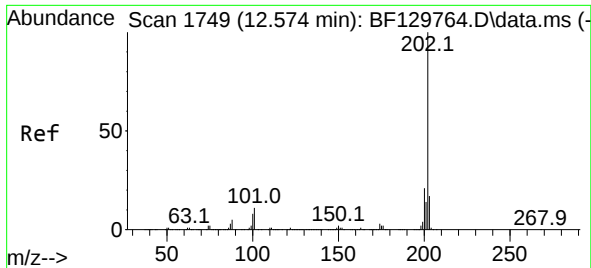
Reviewed By :Christian Giraldo 08/22/2022
Supervised By :Jagrut Upadhyay 08/22/2022



#71
Phenanthrene
Concen: 2.413 ng
RT: 11.333 min Scan# 1538
Delta R.T. -0.006 min
Lab File: BF129929.D
Acq: 20 Aug 2022 01:51

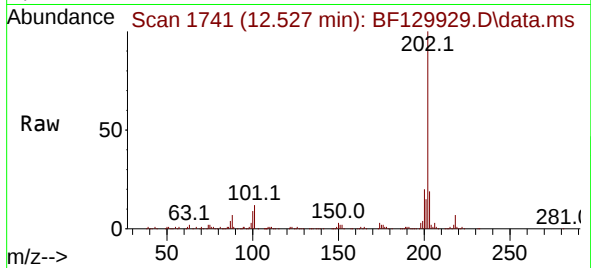
Tgt Ion:178 Resp: 72943
Ion Ratio Lower Upper
178 100
176 18.7 15.5 23.3
179 15.4 12.5 18.7





#75
Fluoranthene
Concen: 3.004 ng
RT: 12.527 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF129929.D
Acq: 20 Aug 2022 01:51

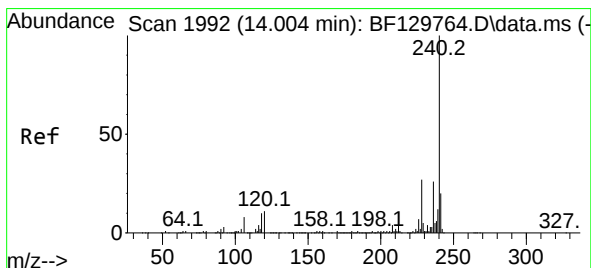
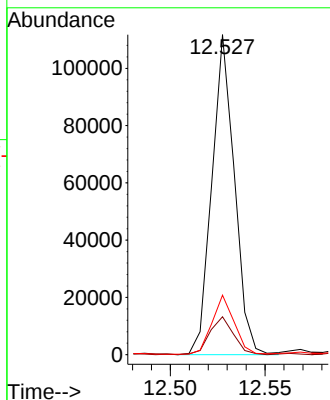
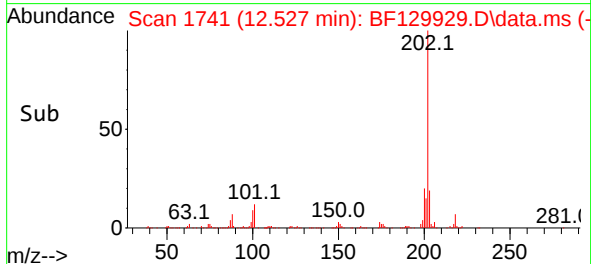
Instrument :
BNA_F
ClientSampleId :
TP2-0815



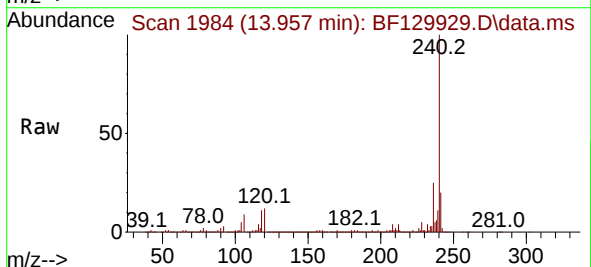
Tgt Ion:202 Resp: 92910
Ion Ratio Lower Upper
202 100
101 11.9 0.0 30.7
203 18.6 0.0 37.5

Manual Integrations
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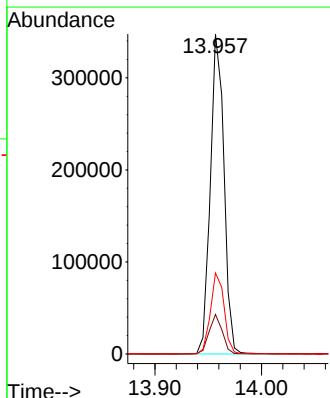
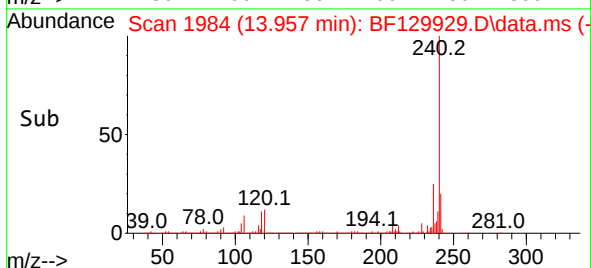
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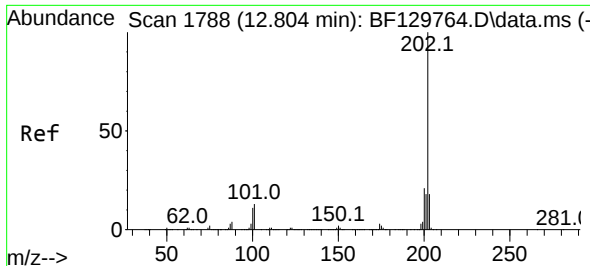


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.957 min Scan# 1984
Delta R.T. -0.006 min
Lab File: BF129929.D
Acq: 20 Aug 2022 01:51



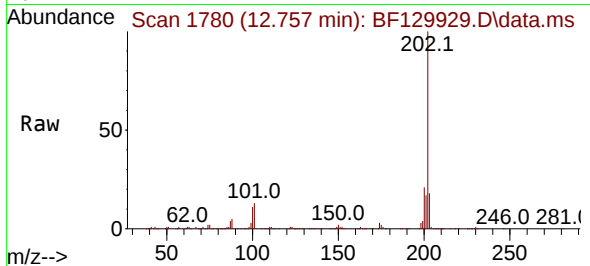
Tgt Ion:240 Resp: 309232
Ion Ratio Lower Upper
240 100
120 12.4 9.2 13.8
236 25.3 20.7 31.1





#78
Pyrene
Concen: 5.402 ng
RT: 12.757 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF129929.D
Acq: 20 Aug 2022 01:51

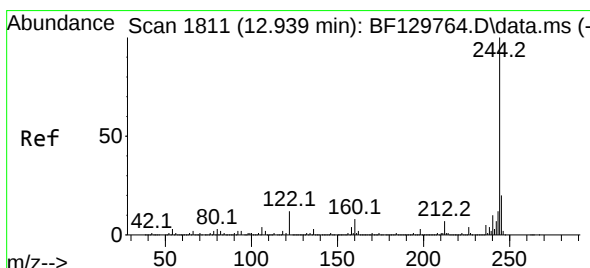
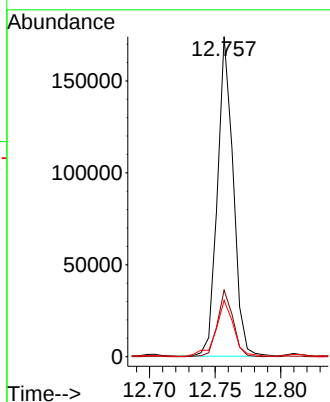
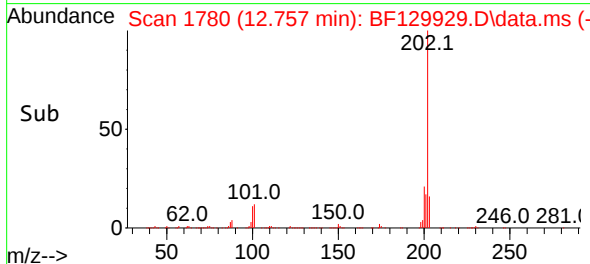
Instrument :
BNA_F
ClientSampleId :
TP2-0815



Tgt Ion:202 Resp: 14516
Ion Ratio Lower Upper
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203 17.6 14.1 21.1

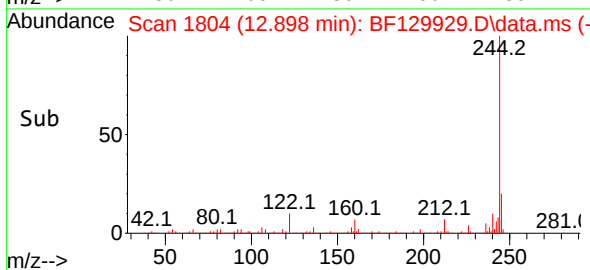
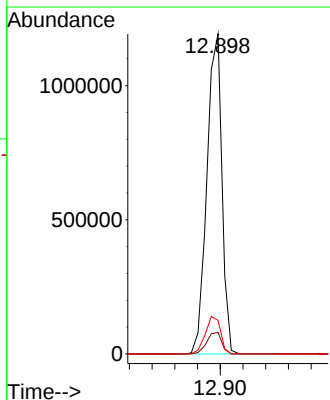
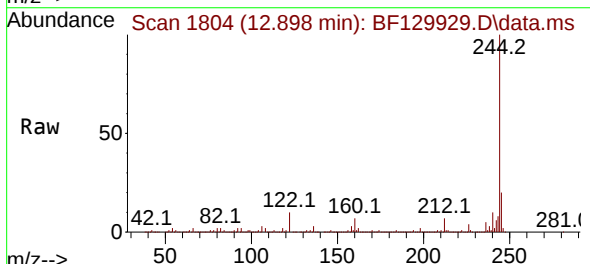
Manual Integrations
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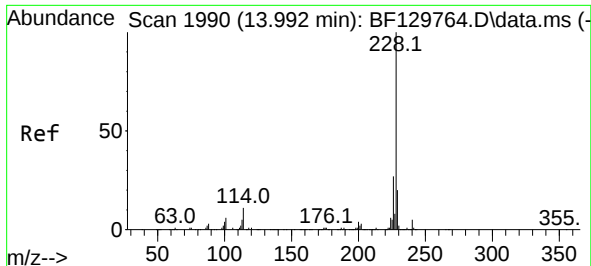
Reviewed By :Christian Giraldo 08/22/2022
Supervised By :Jagrut Upadhyay 08/22/2022



#79
Terphenyl-d14
Concen: 58.807 ng
RT: 12.898 min Scan# 1804
Delta R.T. 0.000 min
Lab File: BF129929.D
Acq: 20 Aug 2022 01:51

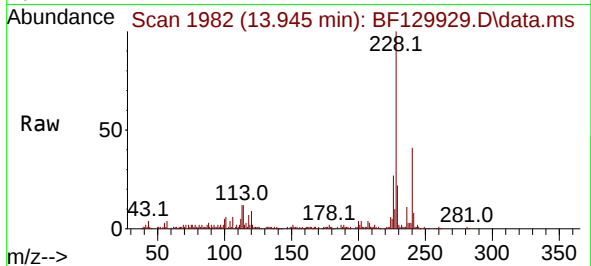
Tgt Ion:244 Resp: 1092891
Ion Ratio Lower Upper
244 100
212 6.7 5.9 8.9
122 10.5 9.9 14.9





#81
Benzo(a)anthracene
Concen: 2.020 ng
RT: 13.945 min Scan# 1982
Delta R.T. -0.006 min
Lab File: BF129929.D
Acq: 20 Aug 2022 01:51

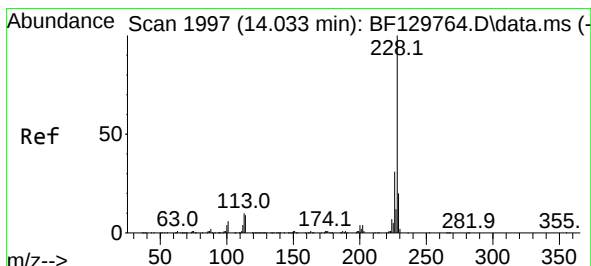
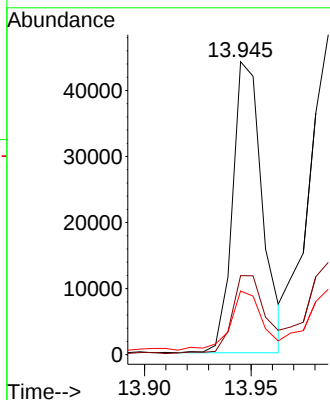
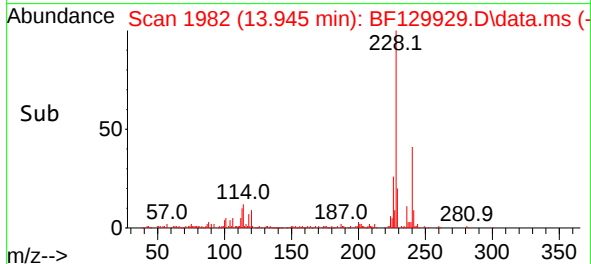
Instrument :
BNA_F
ClientSampleId :
TP2-0815



Tgt Ion:228 Resp: 4297
Ion Ratio Lower Upper
228 100
226 27.0 21.4 32.0
229 21.7 16.1 24.1

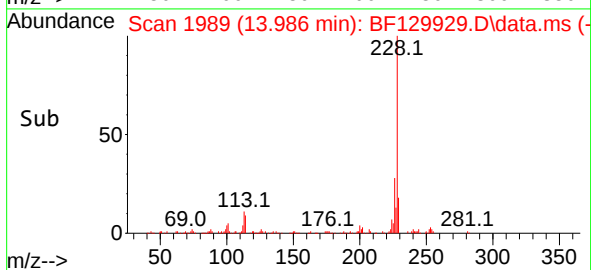
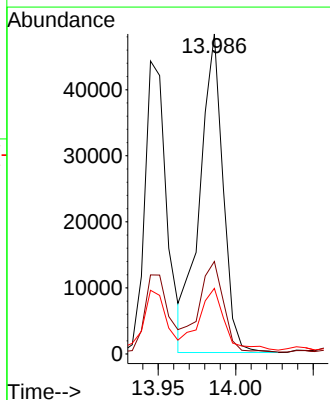
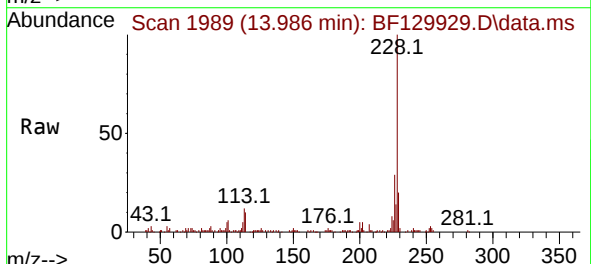
Manual Integrations
APPROVED

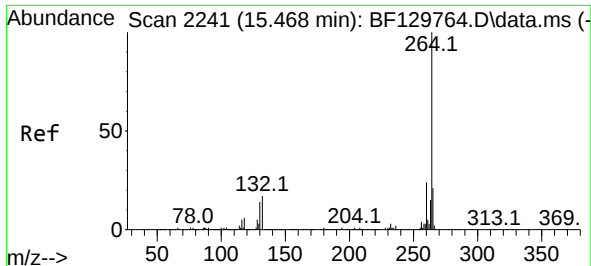
Reviewed By :Christian Giraldo 08/22/2022
Supervised By :Jagrut Upadhyay 08/22/2022



#83
Chrysene
Concen: 2.533 ng
RT: 13.986 min Scan# 1989
Delta R.T. -0.006 min
Lab File: BF129929.D
Acq: 20 Aug 2022 01:51

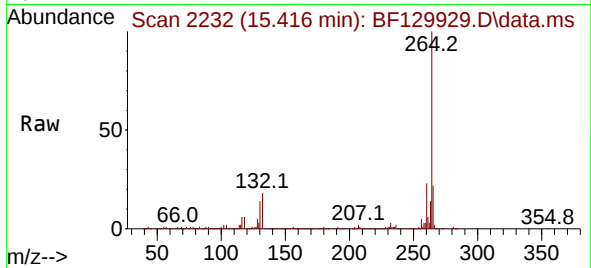
Tgt Ion:228 Resp: 50438
Ion Ratio Lower Upper
228 100
226 28.9 24.4 36.6
229 20.5 15.9 23.9





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.416 min Scan# 2161
 Delta R.T. 0.000 min
 Lab File: BF129929.D
 Acq: 20 Aug 2022 01:51

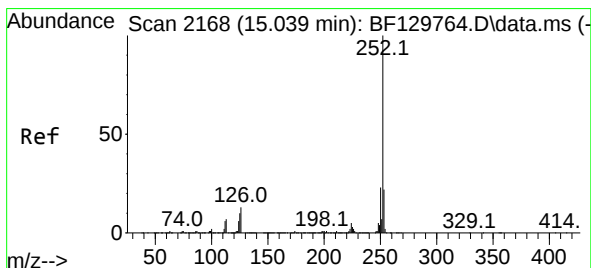
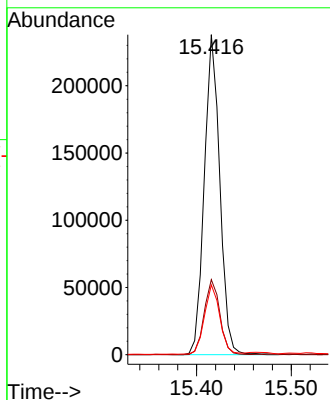
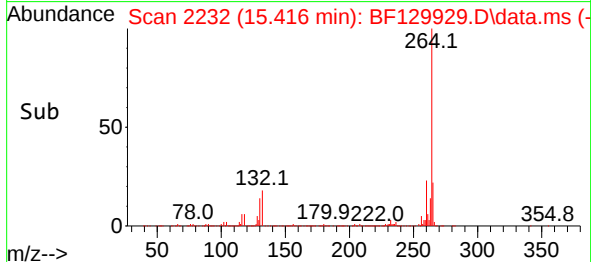
Instrument :
 BNA_F
 ClientSampleId :
 TP2-0815



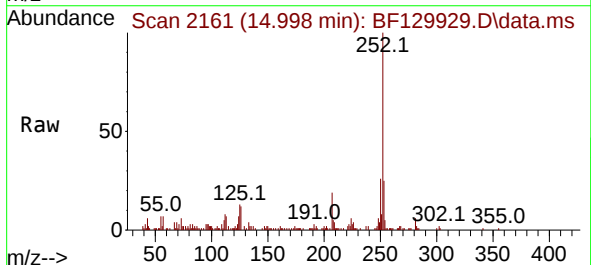
Tgt Ion:264 Resp: 270409
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.1 28.7
 265 21.8 16.7 25.1

Manual Integrations
 APPROVED

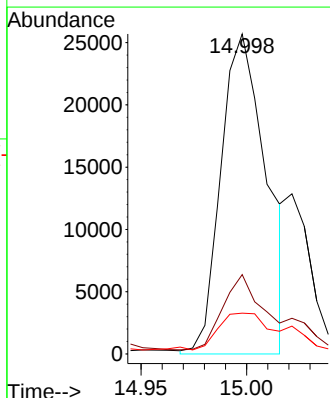
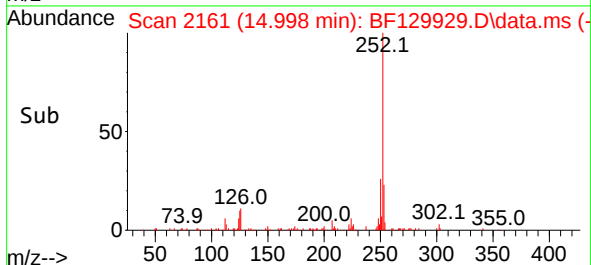
Reviewed By :Christian Giraldo 08/22/2022
 Supervised By :Jagrut Upadhyay 08/22/2022

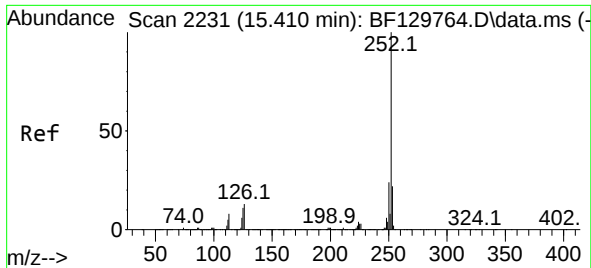


#88
 Benzo(b)fluoranthene
 Concen: 2.083 ng m
 RT: 14.998 min Scan# 2161
 Delta R.T. 0.000 min
 Lab File: BF129929.D
 Acq: 20 Aug 2022 01:51



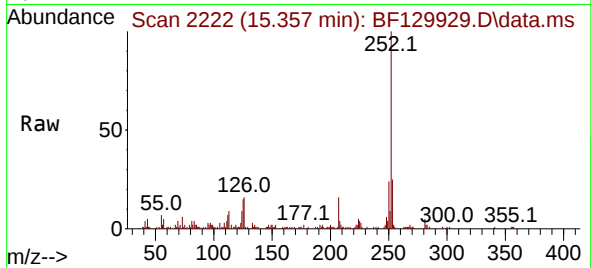
Tgt Ion:252 Resp: 38561
 Ion Ratio Lower Upper
 252 100
 253 24.8 17.5 26.3
 125 12.7 8.3 12.5#





#90
Benzo(a)pyrene
Concen: 2.150 ng
RT: 15.357 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF129929.D
Acq: 20 Aug 2022 01:51

Instrument :
BNA_F
ClientSampleId :
TP2-0815



Tgt Ion:252 Resp: 3135
Ion Ratio Lower Upper
252 100
253 24.6 17.2 25.8
125 14.6 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 08/22/2022
Supervised By :Jagrut Upadhyay 08/22/2022

