

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082422\
 Data File : BF129972.D
 Acq On : 24 Aug 2022 14:07
 Operator : CG\JU
 Sample : N4273-01 10X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EO-1-081922

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 08/25/2022
 Supervised By : Jagrut Upadhyay 08/26/2022

Quant Time: Aug 24 14:28:10 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 23 04:41:40 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.769	152	116675	20.000	ng	0.00
21) Naphthalene-d8	8.051	136	427821	20.000	ng	0.00
39) Acenaphthene-d10	9.804	164	197051	20.000	ng	-0.01
64) Phenanthrene-d10	11.292	188	276818	20.000	ng	-0.01
76) Chrysene-d12	13.939	240	238212	20.000	ng	-0.01
86) Perylene-d12	15.392	264	275851	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	55315	7.850	ng	0.01
7) Phenol-d6	6.439	99	64820	7.345	ng	0.00
23) Nitrobenzene-d5	7.339	82	41297	5.167	ng	-0.01
42) 2,4,6-Tribromophenol	10.598	330	11102	5.614	ng	-0.01
45) 2-Fluorobiphenyl	9.122	172	74912	5.774	ng	-0.01
79) Terphenyl-d14	12.874	244	59417	4.150	ng	-0.01
Target Compounds						Qvalue
71) Phenanthrene	11.316	178	60228	3.896	ng	97
75) Fluoranthene	12.510	202	106028	6.702	ng	99
78) Pyrene	12.739	202	95663	4.621	ng	99
81) Benzo(a)anthracene	13.927	228	59217	3.614	ng	99
83) Chrysene	13.968	228	50933	3.320	ng	97
88) Benzo(b)fluoranthene	14.974	252	81238m	4.301	ng	
90) Benzo(a)pyrene	15.333	252	61933	4.164	ng	# 92

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

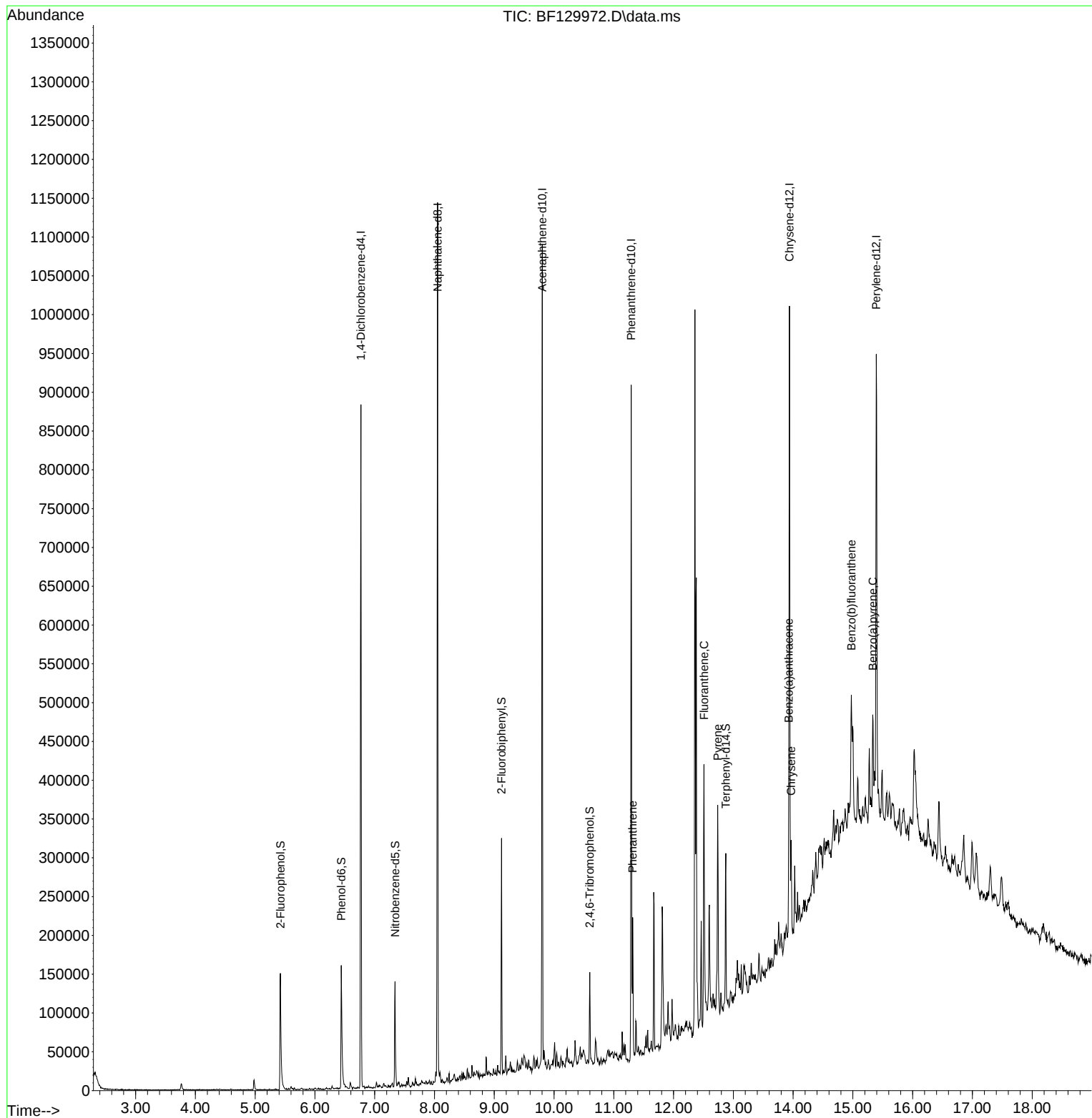
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082422\
Data File : BF129972.D
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Sample : N4273-01 10X
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ALS Vial : 7 Sample Multiplier: 1

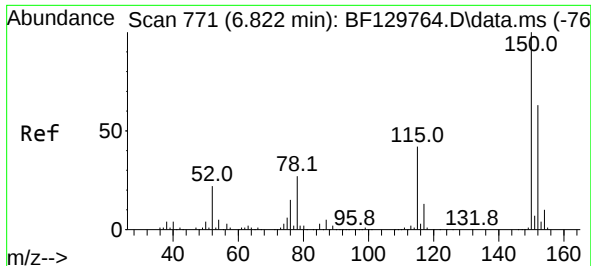
Instrument :
BNA_F
ClientSampleId :
EO-1-081922

Quant Time: Aug 24 14:28:10 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 23 04:41:40 2022
Response via : Initial Calibration

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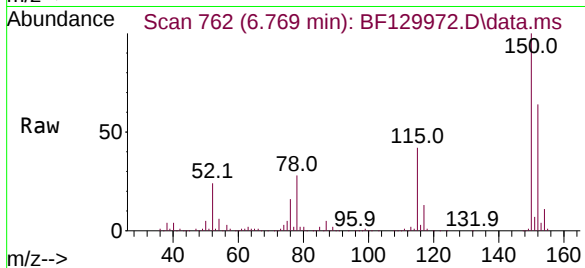
Reviewed By :Christian Giraldo 08/25/2022
Supervised By :Jagrut Upadhyay 08/26/2022





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.769 min Scan# 70
Delta R.T. -0.006 min
Lab File: BF129972.D
Acq: 24 Aug 2022 14:07

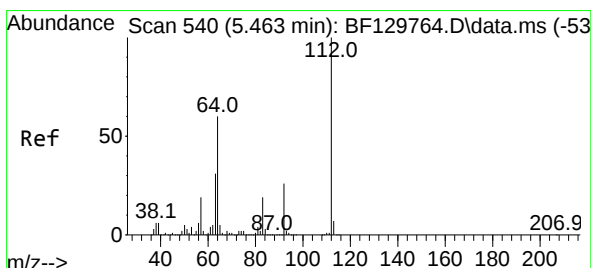
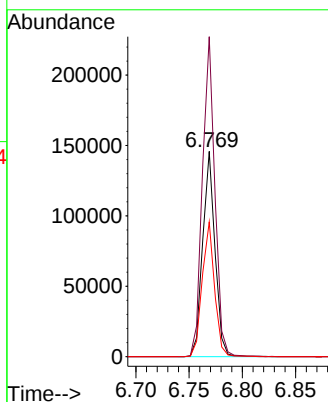
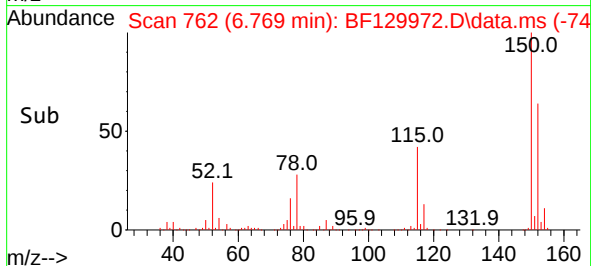
Instrument :
BNA_F
ClientSampleId :
EO-1-081922



Tgt Ion:152 Resp: 116675
Ion Ratio Lower Upper
152 100
150 155.9 126.9 190.3
115 65.6 53.4 80.0

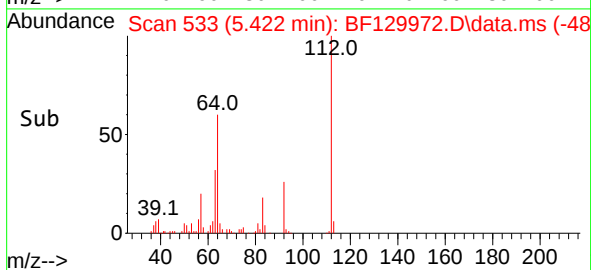
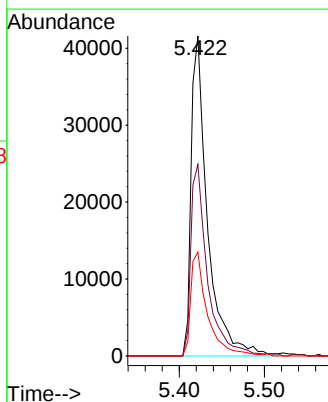
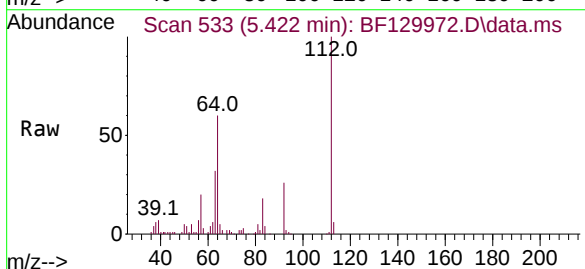
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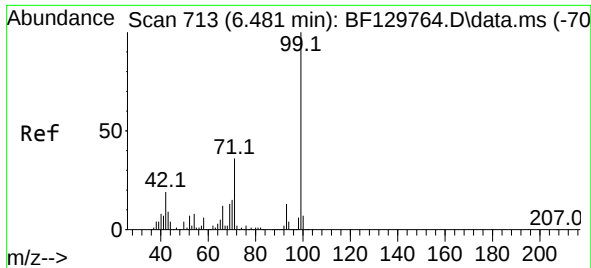
Reviewed By :Christian Giraldo 08/25/2022
Supervised By :Jagrut Upadhyay 08/26/2022



#5
2-Fluorophenol
Concen: 7.850 ng
RT: 5.422 min Scan# 533
Delta R.T. 0.012 min
Lab File: BF129972.D
Acq: 24 Aug 2022 14:07

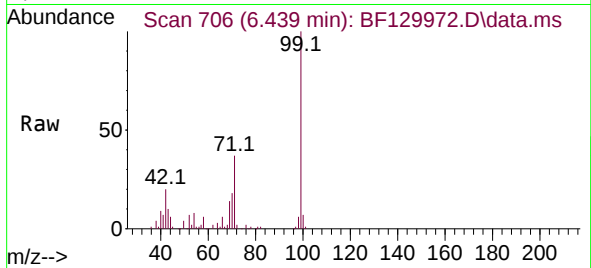
Tgt Ion:112 Resp: 55315
Ion Ratio Lower Upper
112 100
64 59.8 47.6 71.4
63 32.4 24.6 37.0





#7
Phenol-d6
Concen: 7.345 ng
RT: 6.439 min Scan# 70
Delta R.T. 0.006 min
Lab File: BF129972.D
Acq: 24 Aug 2022 14:07

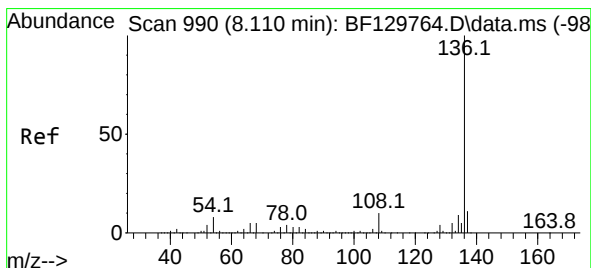
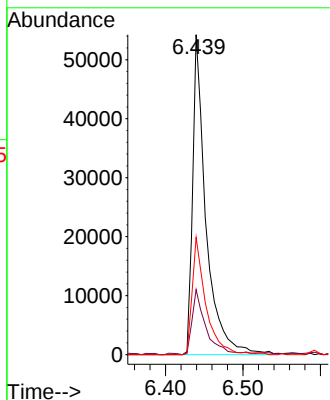
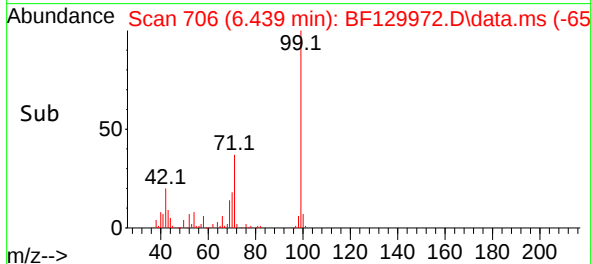
Instrument :
BNA_F
ClientSampleId :
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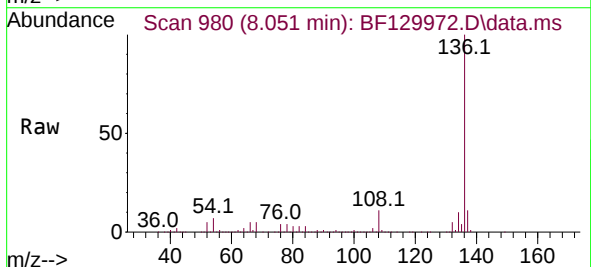
Tgt Ion: 99 Resp: 64820
Ion Ratio Lower Upper
99 100
42 20.3 15.0 22.4
71 36.6 28.8 43.2

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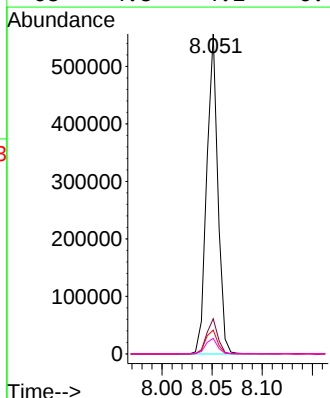
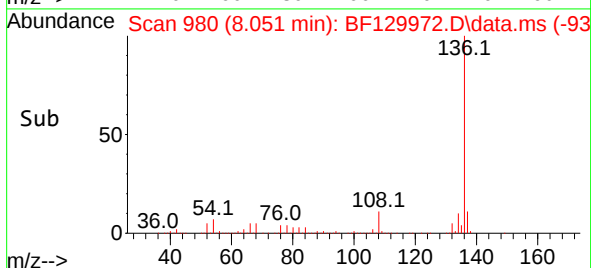
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Supervised By :Jagrut Upadhyay 08/26/2022

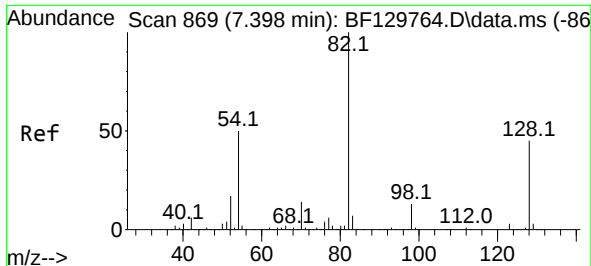


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.051 min Scan# 980
Delta R.T. -0.006 min
Lab File: BF129972.D
Acq: 24 Aug 2022 14:07



Tgt Ion:136 Resp: 427821
Ion Ratio Lower Upper
136 100
137 11.0 8.4 12.6
54 7.4 6.2 9.2
68 4.8 4.2 6.4





#23

Nitrobenzene-d5

Concen: 5.167 ng

RT: 7.339 min Scan# 81

Delta R.T. -0.012 min

Lab File: BF129972.D

Acq: 24 Aug 2022 14:07

Instrument :

BNA_F

ClientSampleId :

EO-1-081922

Tgt Ion: 82 Resp: 41297

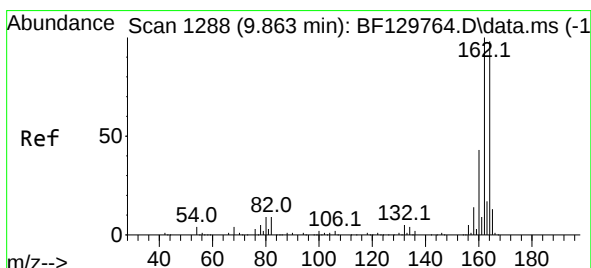
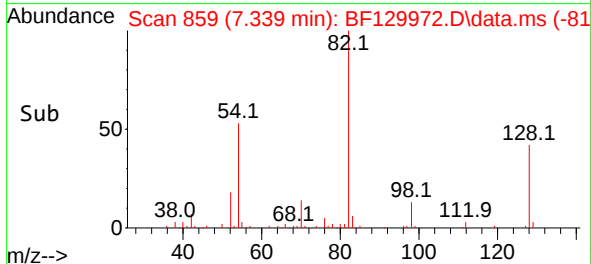
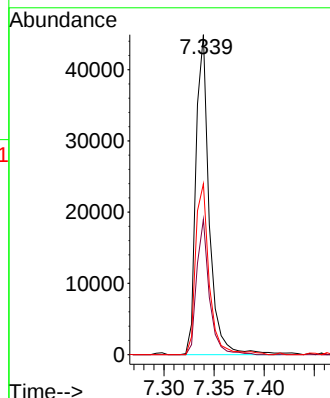
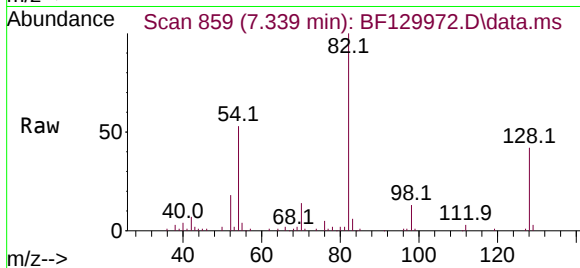
Ion	Ratio	Lower	Upper
82	100		
128	42.3	36.1	54.1
54	53.4	40.0	60.0

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Supervised By :Jagrut Upadhyay 08/26/2022



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.804 min Scan# 1278

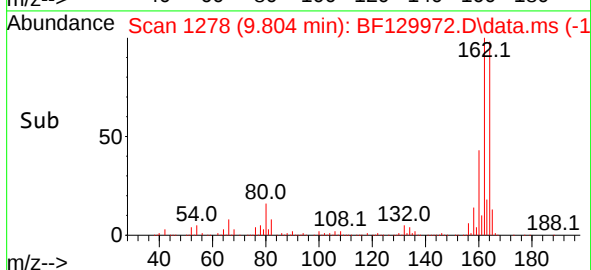
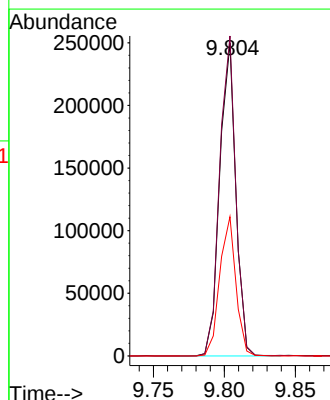
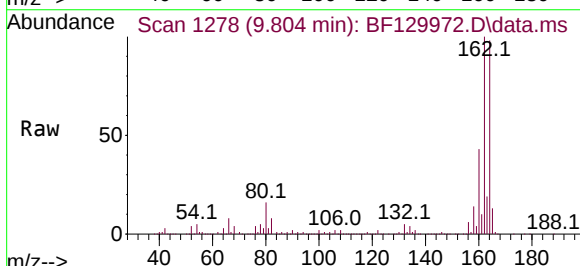
Delta R.T. -0.012 min

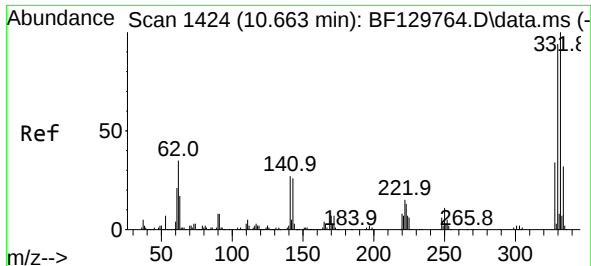
Lab File: BF129972.D

Acq: 24 Aug 2022 14:07

Tgt Ion:164 Resp: 197051

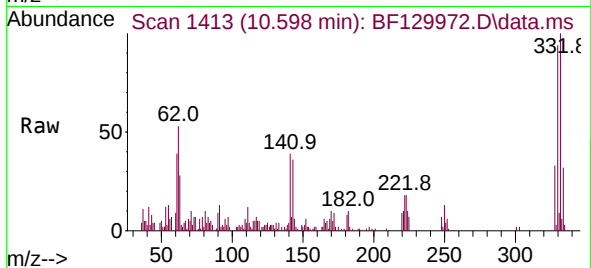
Ion	Ratio	Lower	Upper
164	100		
162	102.3	82.0	123.0
160	44.5	35.4	53.0





#42
2,4,6-Tribromophenol
Concen: 5.614 ng
RT: 10.598 min Scan# 1424
Delta R.T. -0.012 min
Lab File: BF129972.D
Acq: 24 Aug 2022 14:07

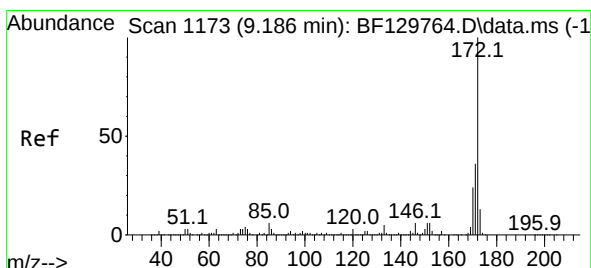
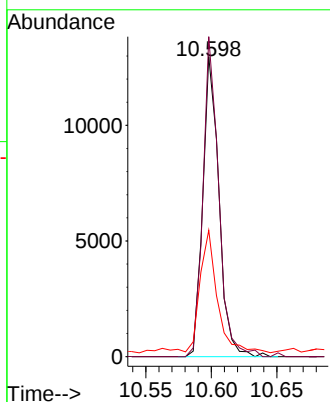
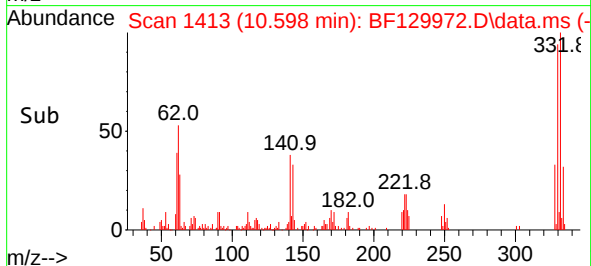
Instrument :
BNA_F
ClientSampleId :
EO-1-081922



Tgt Ion: 330 Resp: 11102
Ion Ratio Lower Upper
330 100
332 103.8 82.6 124.0
141 43.5 27.6 41.4

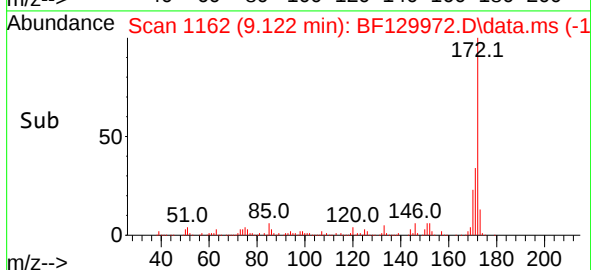
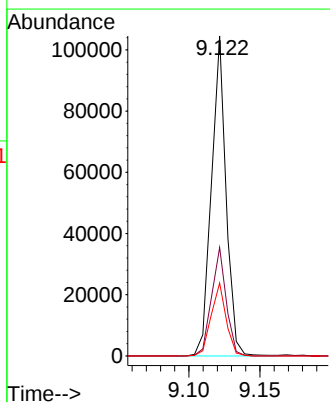
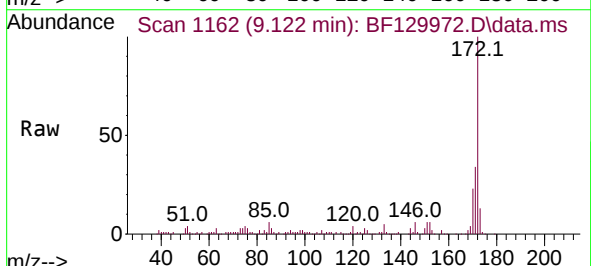
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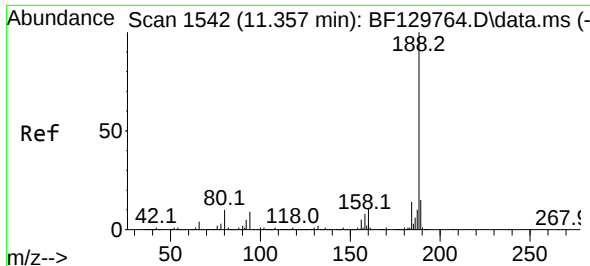
Reviewed By : Christian Giraldo 08/25/2022
Supervised By : Jagrut Upadhyay 08/26/2022



#45
2-Fluorobiphenyl
Concen: 5.774 ng
RT: 9.122 min Scan# 1162
Delta R.T. -0.012 min
Lab File: BF129972.D
Acq: 24 Aug 2022 14:07

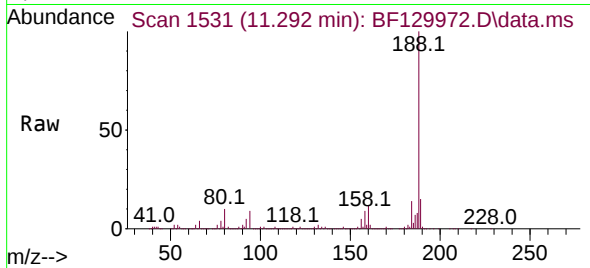
Tgt Ion: 172 Resp: 74912
Ion Ratio Lower Upper
172 100
171 33.9 28.4 42.6
170 22.8 19.1 28.7





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.292 min Scan# 1531
Delta R.T. -0.012 min
Lab File: BF129972.D
Acq: 24 Aug 2022 14:07

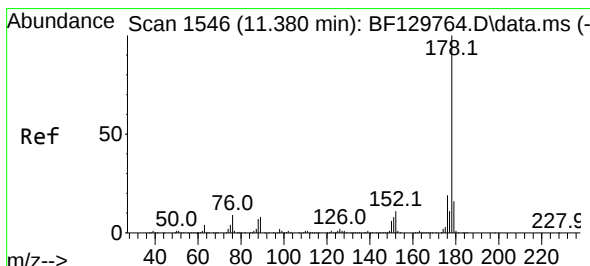
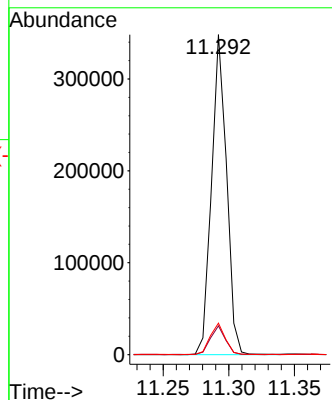
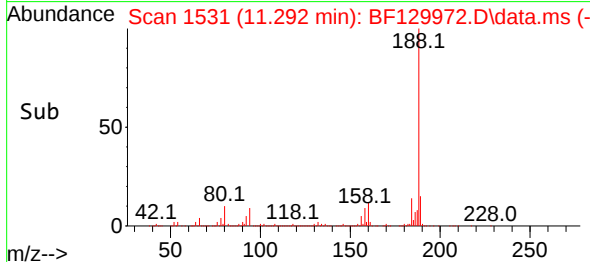
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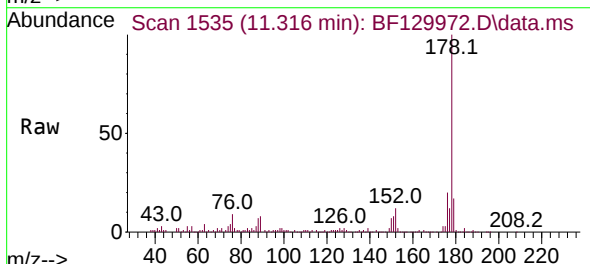
Tgt Ion:188 Resp: 276818
Ion Ratio Lower Upper
188 100
94 9.0 7.4 11.2
80 9.8 7.9 11.9

Manual Integrations
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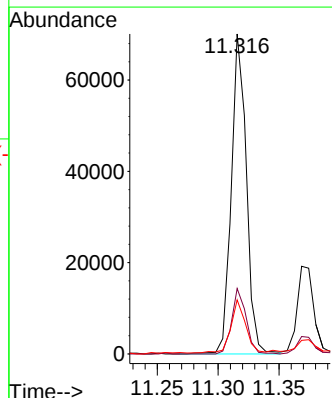
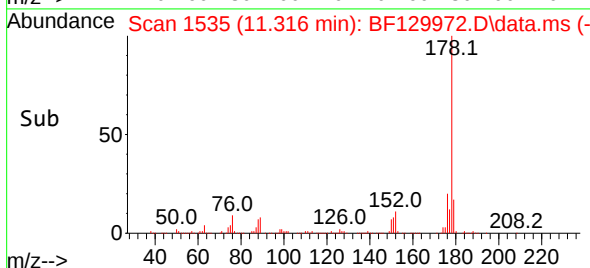
Reviewed By :Christian Giraldo 08/25/2022
Supervised By :Jagrut Upadhyay 08/26/2022

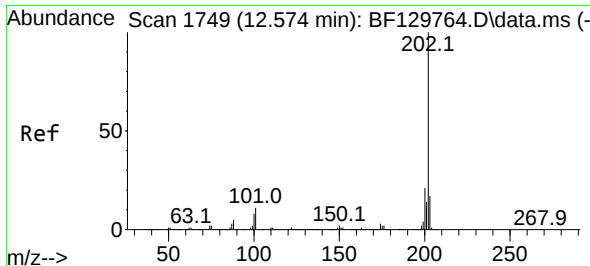


#71
Phenanthrene
Concen: 3.896 ng
RT: 11.316 min Scan# 1535
Delta R.T. -0.012 min
Lab File: BF129972.D
Acq: 24 Aug 2022 14:07



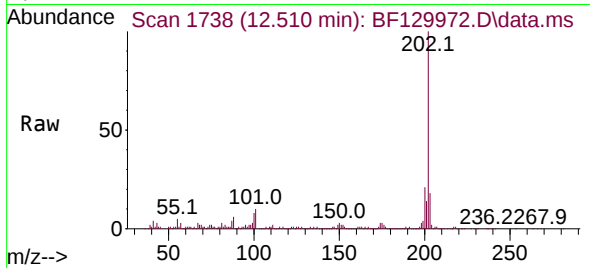
Tgt Ion:178 Resp: 60228
Ion Ratio Lower Upper
178 100
176 20.4 15.5 23.3
179 16.9 12.5 18.7





#75
Fluoranthene
Concen: 6.702 ng
RT: 12.510 min Scan# 1738
Delta R.T. -0.012 min
Lab File: BF129972.D
Acq: 24 Aug 2022 14:07

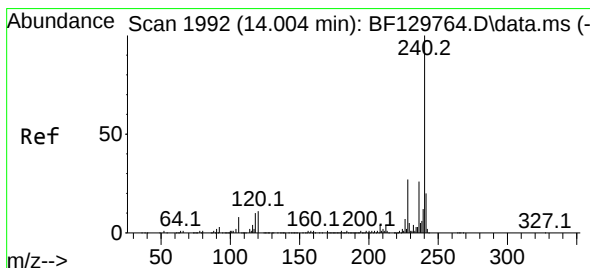
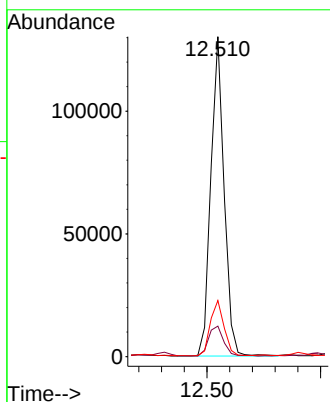
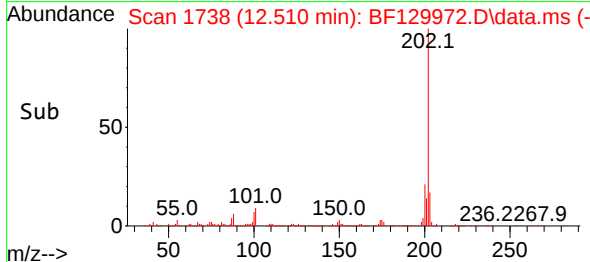
Instrument :
BNA_F
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EO-1-081922



Tgt Ion:202 Resp: 106028
Ion Ratio Lower Upper
202 100
101 9.5 0.0 30.7
203 17.5 0.0 37.5

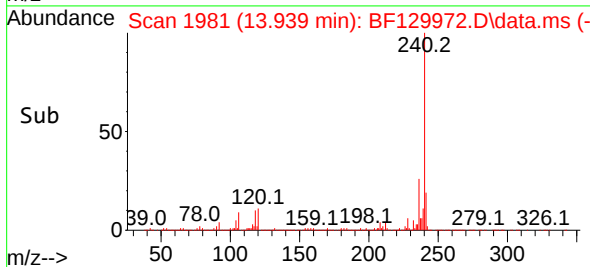
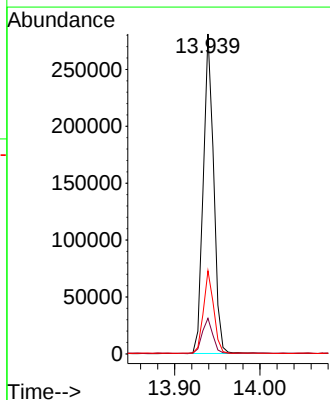
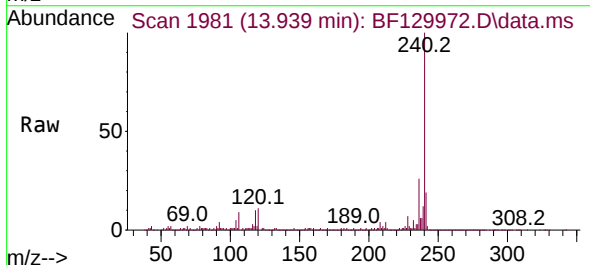
Manual Integrations
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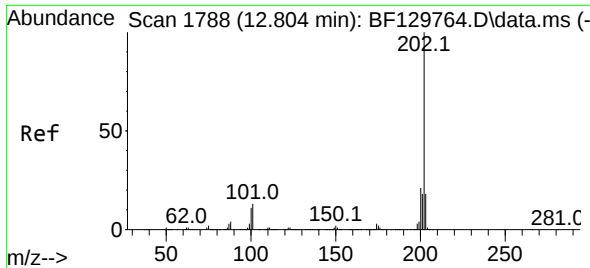
Reviewed By :Christian Giraldo 08/25/2022
Supervised By :Jagrut Upadhyay 08/26/2022



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.939 min Scan# 1981
Delta R.T. -0.012 min
Lab File: BF129972.D
Acq: 24 Aug 2022 14:07

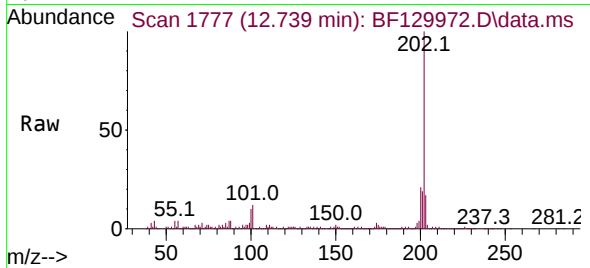
Tgt Ion:240 Resp: 238212
Ion Ratio Lower Upper
240 100
120 11.1 9.2 13.8
236 26.0 20.7 31.1





#78
Pyrene
Concen: 4.621 ng
RT: 12.739 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF129972.D
Acq: 24 Aug 2022 14:07

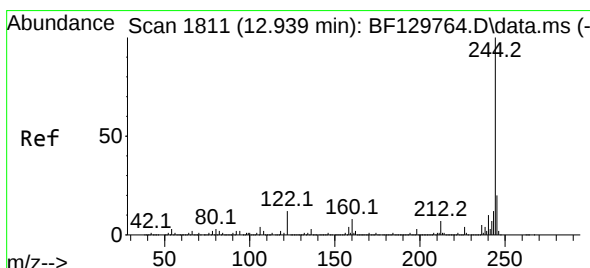
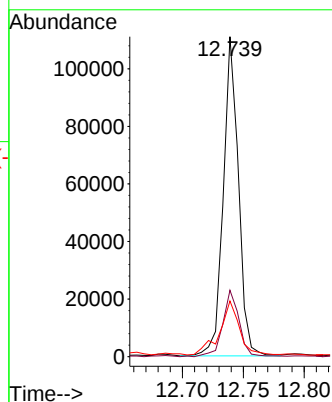
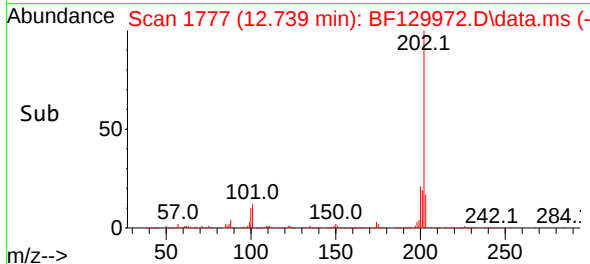
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BNA_F
ClientSampleId :
EO-1-081922



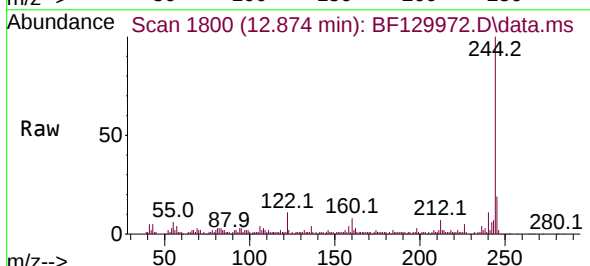
Tgt Ion:202 Resp: 95663
Ion Ratio Lower Upper
202 100
200 20.7 17.0 25.6
203 17.4 14.1 21.1

Manual Integrations
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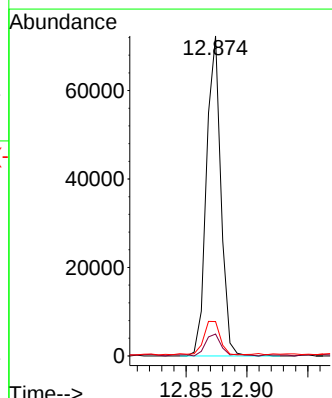
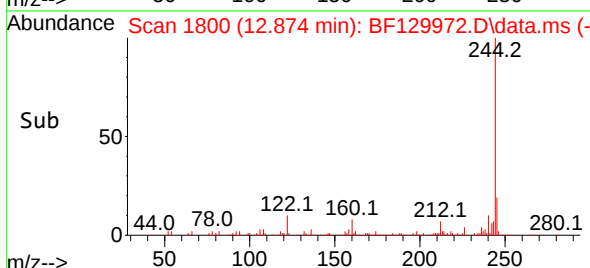
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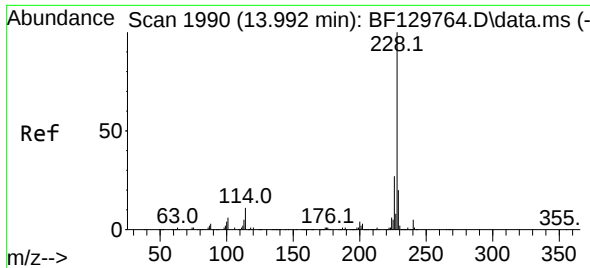


#79
Terphenyl-d14
Concen: 4.150 ng
RT: 12.874 min Scan# 1800
Delta R.T. -0.012 min
Lab File: BF129972.D
Acq: 24 Aug 2022 14:07



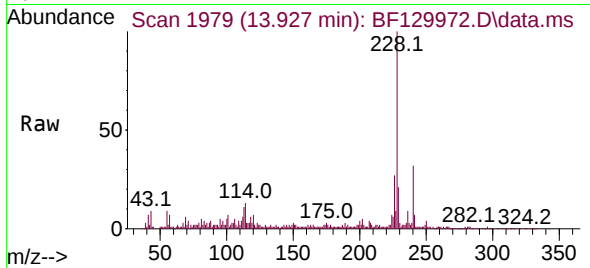
Tgt Ion:244 Resp: 59417
Ion Ratio Lower Upper
244 100
212 6.8 5.9 8.9
122 10.7 9.9 14.9





#81
Benzo(a)anthracene
Concen: 3.614 ng
RT: 13.927 min Scan# 1990
Delta R.T. -0.012 min
Lab File: BF129972.D
Acq: 24 Aug 2022 14:07

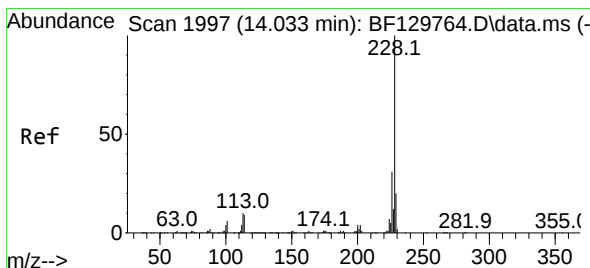
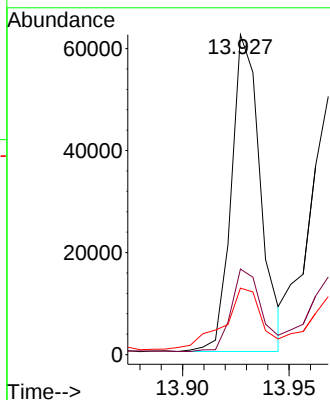
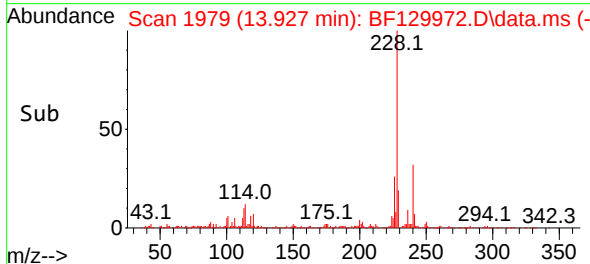
Instrument :
BNA_F
ClientSampleId :
EO-1-081922



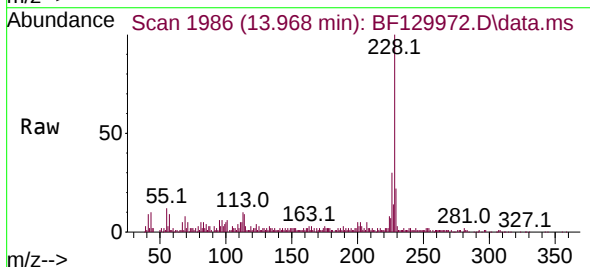
Tgt Ion:228 Resp: 59217
Ion Ratio Lower Upper
228 100
226 26.7 21.4 32.0
229 20.8 16.1 24.1

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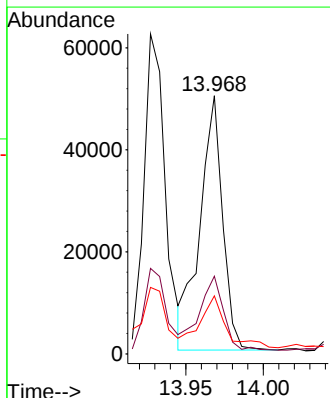
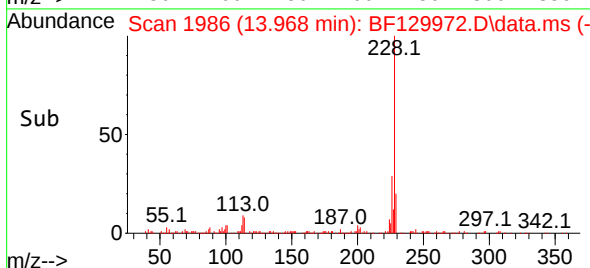
Reviewed By :Christian Giraldo 08/25/2022
Supervised By :Jagrut Upadhyay 08/26/2022

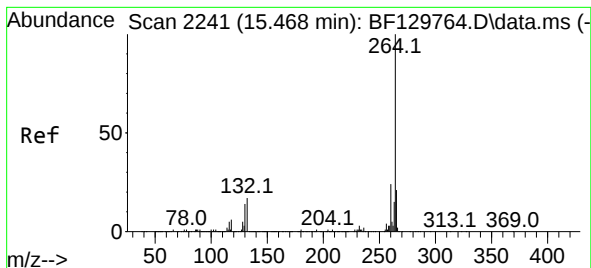


#83
Chrysene
Concen: 3.320 ng
RT: 13.968 min Scan# 1986
Delta R.T. -0.012 min
Lab File: BF129972.D
Acq: 24 Aug 2022 14:07



Tgt Ion:228 Resp: 50933
Ion Ratio Lower Upper
228 100
226 30.1 24.4 36.6
229 22.4 15.9 23.9





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.392 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF129972.D

Acq: 24 Aug 2022 14:07

Instrument :

BNA_F

ClientSampleId :

EO-1-081922

Tgt Ion:264 Resp: 27585

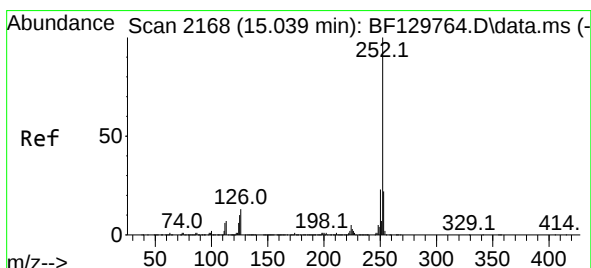
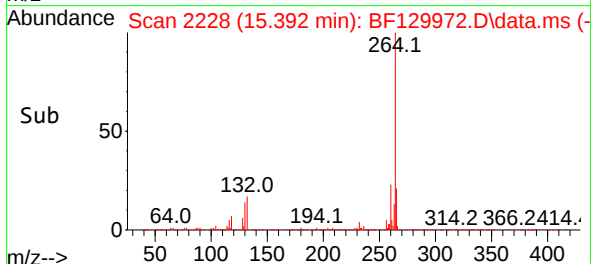
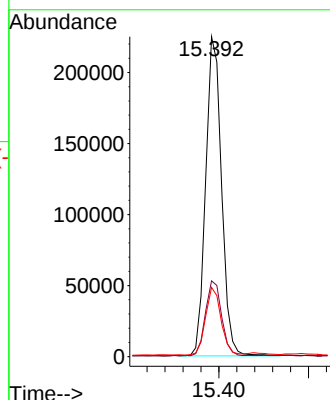
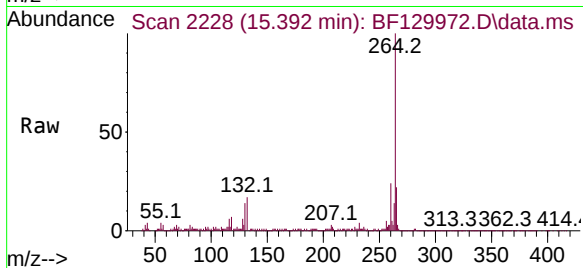
Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.1	28.7
265	21.6	16.7	25.1

Manual Integrations

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Reviewed By :Christian Giraldo 08/25/2022

Supervised By :Jagrut Upadhyay 08/26/2022



#88

Benzo(b)fluoranthene

Concen: 4.301 ng m

RT: 14.974 min Scan# 2157

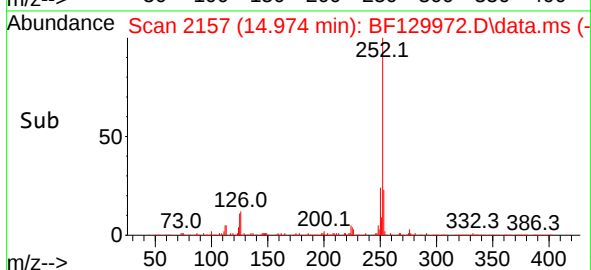
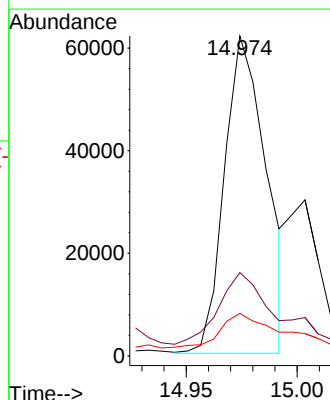
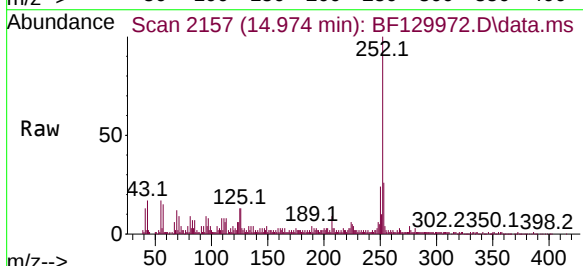
Delta R.T. -0.006 min

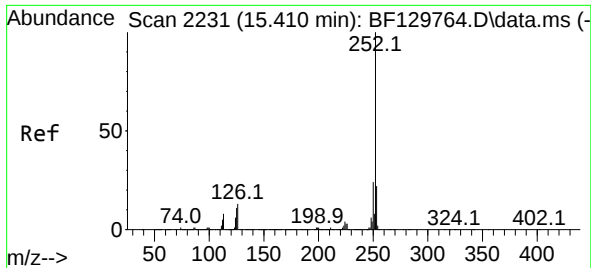
Lab File: BF129972.D

Acq: 24 Aug 2022 14:07

Tgt Ion:252 Resp: 81238

Ion	Ratio	Lower	Upper
252	100		
253	26.0	17.5	26.3
125	13.3	8.3	12.5





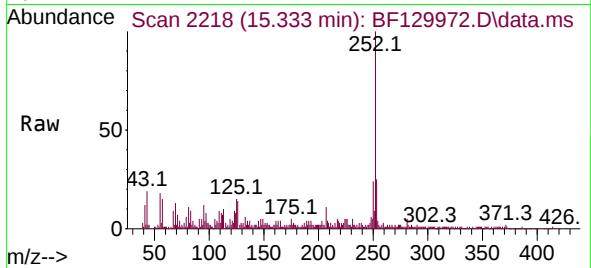
#90
 Benzo(a)pyrene
 Concen: 4.164 ng
 RT: 15.333 min Scan# 2218
 Delta R.T. -0.006 min
 Lab File: BF129972.D
 Acq: 24 Aug 2022 14:07

Instrument :

BNA_F

ClientSampleId :

EO-1-081922



Tgt Ion:252 Resp: 61933
 Ion Ratio Lower Upper
 252 100
 253 24.5 17.2 25.8
 125 15.2 8.8 13.2

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 08/25/2022
 Supervised By :Jagrut Upadhyay 08/26/2022

