

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071822\
 Data File : BF129275.D
 Acq On : 18 Jul 2022 19:12
 Operator : CG\JU
 Sample : N3747-01 5X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OK-01-071522

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 07/19/2022
 Supervised By : Jagrut Upadhyay 07/19/2022

Quant Time: Jul 19 02:09:34 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 15 12:55:49 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	218867	20.000	ng	0.00
21) Naphthalene-d8	8.181	136	759927	20.000	ng	0.00
39) Acenaphthene-d10	9.939	164	333713	20.000	ng	0.00
64) Phenanthrene-d10	11.428	188	498731	20.000	ng	# 0.00
76) Chrysene-d12	14.075	240	510145	20.000	ng	0.00
86) Perylene-d12	15.569	264	452335	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	253018	18.463	ng	0.00
7) Phenol-d6	6.516	99	294399	16.610	ng	-0.01
23) Nitrobenzene-d5	7.457	82	176899	12.443	ng	-0.01
42) 2,4,6-Tribromophenol	10.728	330	46750	15.093	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	311034	15.791	ng	-0.01
79) Terphenyl-d14	13.010	244	302248	11.083	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	11.451	178	62809	2.480	ng	97
75) Fluoranthene	12.639	202	155087	6.150	ng	96
78) Pyrene	12.875	202	152617	3.694	ng	98
81) Benzo(a)anthracene	14.063	228	70611m	2.194	ng	
83) Chrysene	14.098	228	91491	2.979	ng	97
88) Benzo(b)fluoranthene	15.121	252	113401m	4.081	ng	
90) Benzo(a)pyrene	15.498	252	65949	2.915	ng	# 84

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

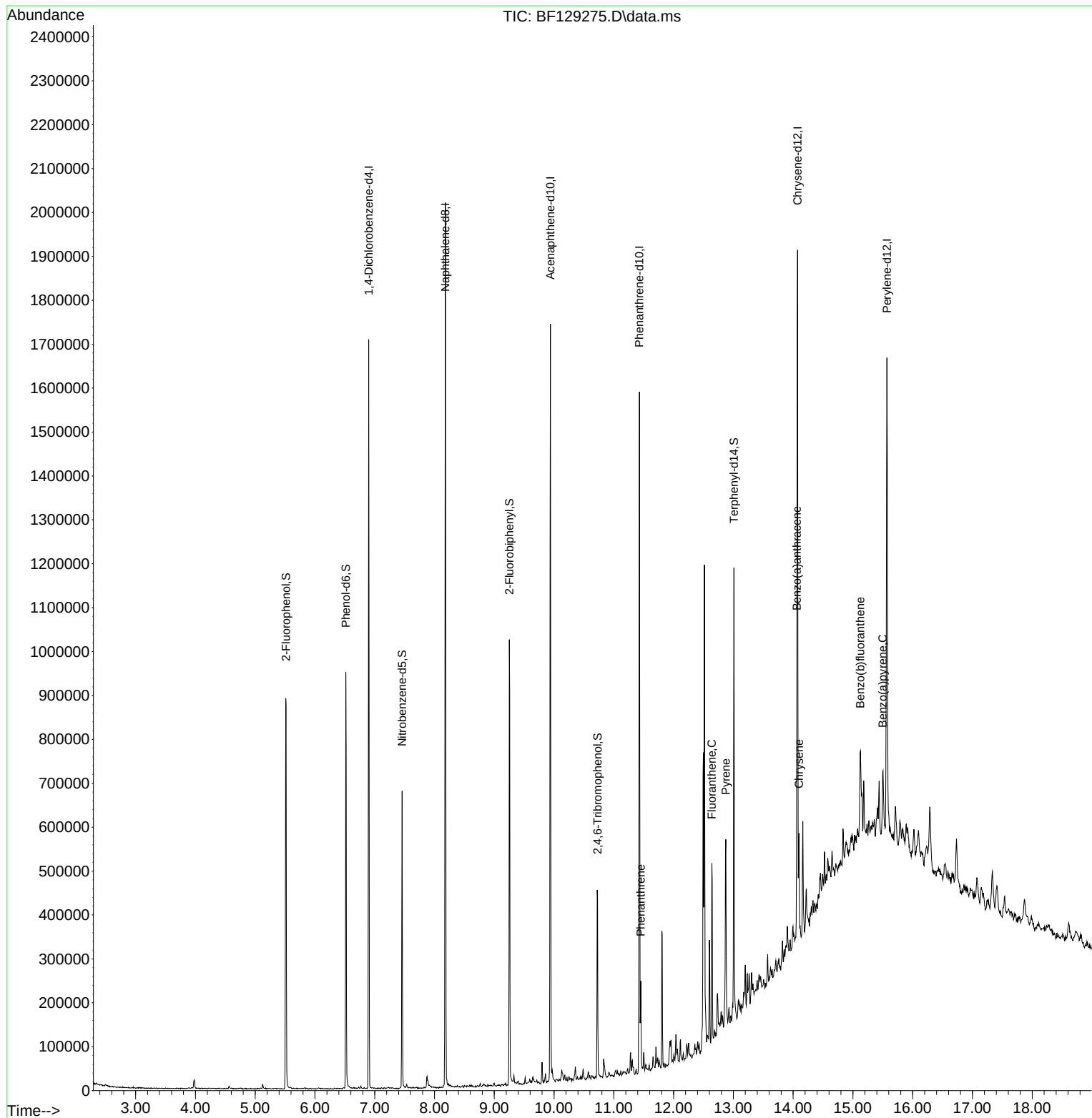
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071822\
Data File : BF129275.D
Acq On : 18 Jul 2022 19:12
Operator : CG\JU
Sample : N3747-01 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

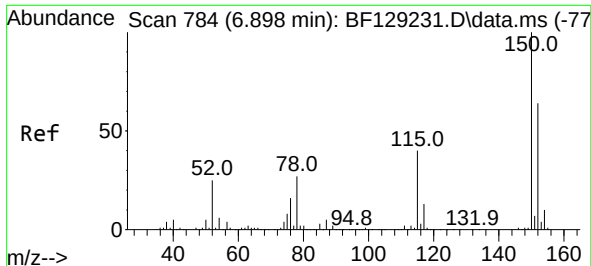
Instrument :
BNA_F
ClientSampleId :
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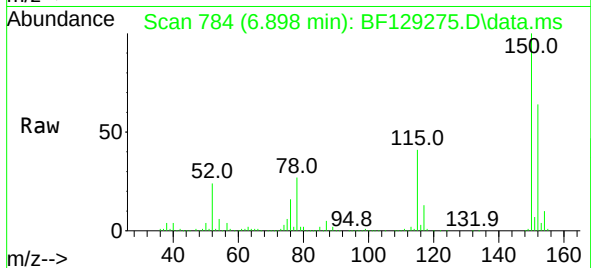
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.898 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: BF129275.D
 Acq: 18 Jul 2022 19:12

Instrument :

BNA_F

ClientSampleId :

OK-01-071522

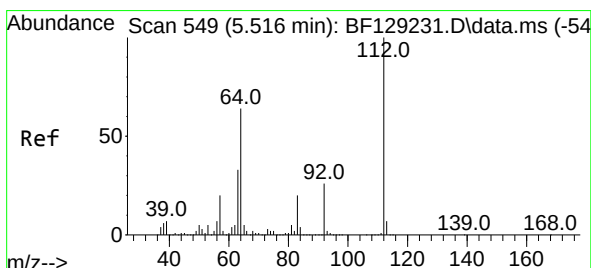
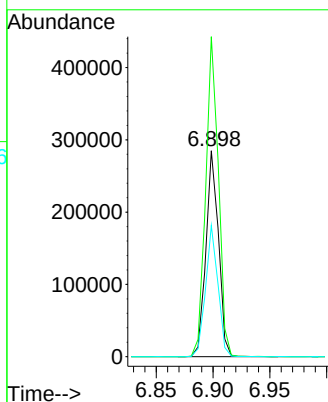
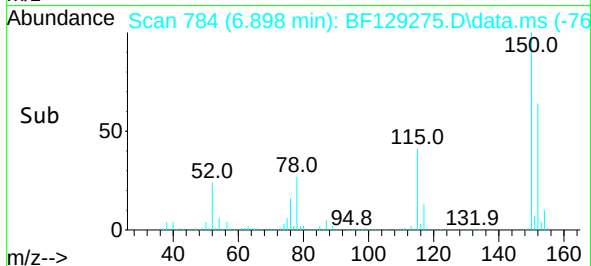


Tgt Ion:152 Resp: 21886
 Ion Ratio Lower Upper
 152 100
 150 155.4 123.7 185.5
 115 63.7 49.9 74.9

Manual Integrations

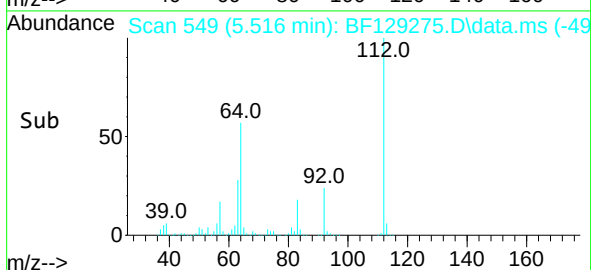
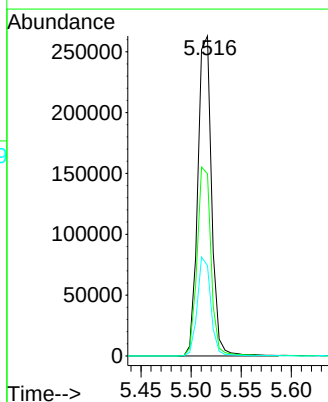
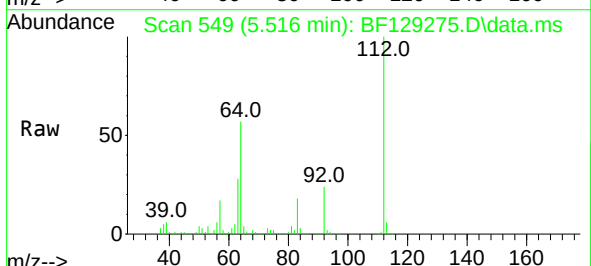
APPROVED

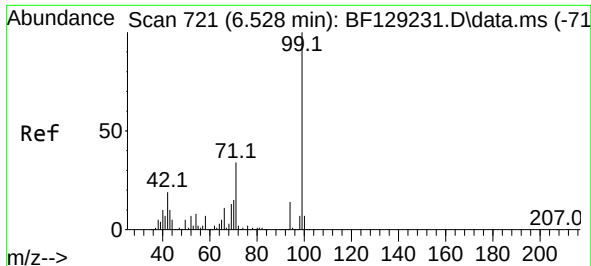
Reviewed By :Christian Giraldo 07/19/2022
 Supervised By :Jagrut Upadhyay 07/19/2022



#5
 2-Fluorophenol
 Concen: 18.463 ng
 RT: 5.516 min Scan# 549
 Delta R.T. 0.000 min
 Lab File: BF129275.D
 Acq: 18 Jul 2022 19:12

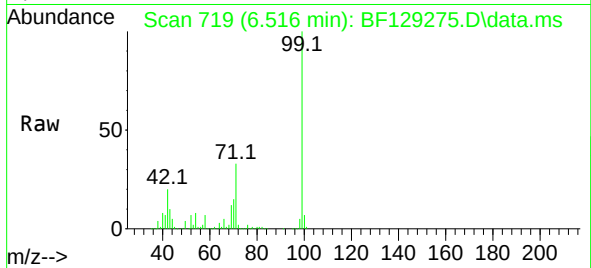
Tgt Ion:112 Resp: 253018
 Ion Ratio Lower Upper
 112 100
 64 56.9 53.3 79.9
 63 28.3 28.0 42.0





#7
Phenol-d6
Concen: 16.610 ng
RT: 6.516 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF129275.D
Acq: 18 Jul 2022 19:12

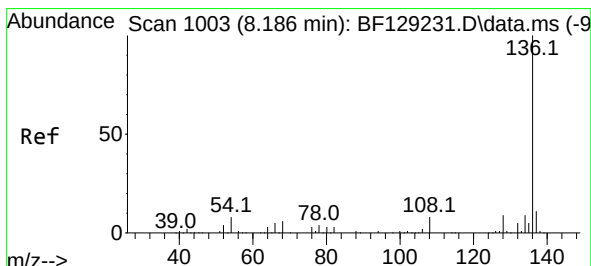
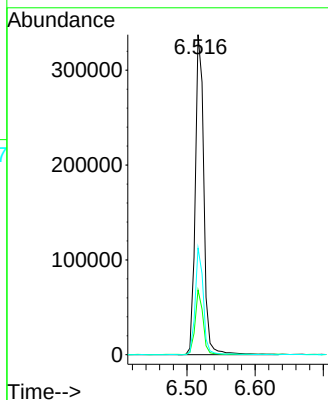
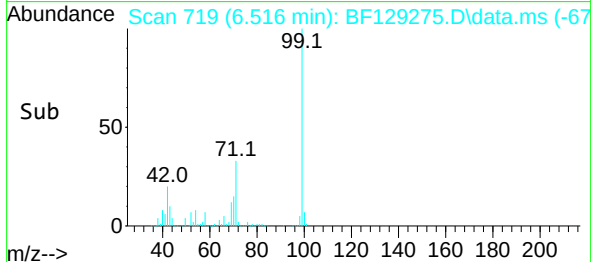
Instrument :
BNA_F
ClientSampleId :
OK-01-071522



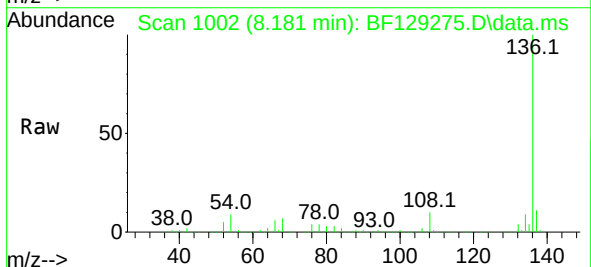
Tgt Ion: 99 Resp: 294399
Ion Ratio Lower Upper
99 100
42 20.2 17.3 25.9
71 33.4 28.9 43.3

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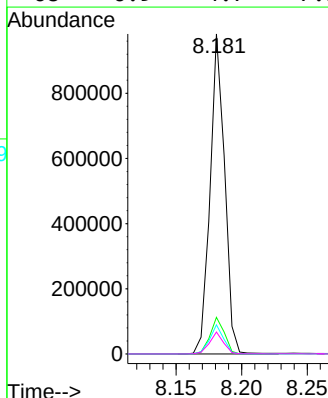
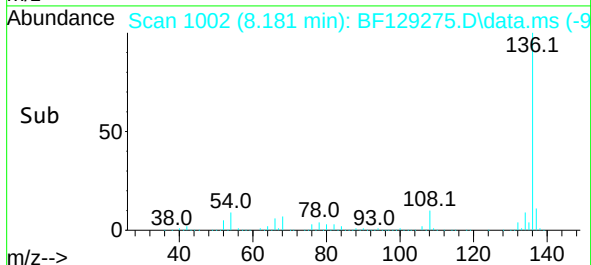
Reviewed By :Christian Giraldo 07/19/2022
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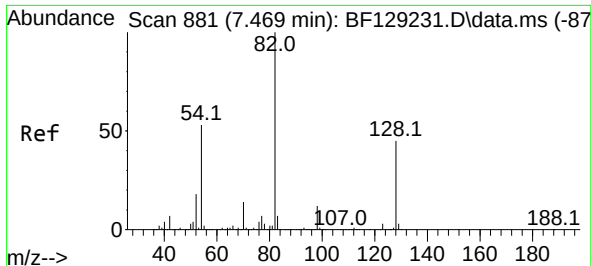


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.181 min Scan# 1002
Delta R.T. -0.006 min
Lab File: BF129275.D
Acq: 18 Jul 2022 19:12



Tgt Ion:136 Resp: 759927
Ion Ratio Lower Upper
136 100
137 11.4 8.8 13.2
54 9.1 7.5 11.3
68 6.9 4.7 7.1





#23

Nitrobenzene-d5

Concen: 12.443 ng

RT: 7.457 min Scan# 81

Delta R.T. -0.012 min

Lab File: BF129275.D

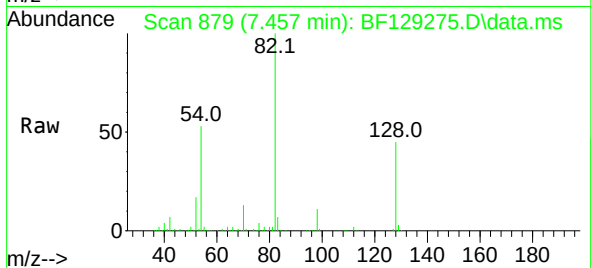
Acq: 18 Jul 2022 19:12

Instrument :

BNA_F

ClientSampleId :

OK-01-071522



Tgt Ion: 82 Resp: 17689

Ion Ratio Lower Upper

82 100

128 44.7 34.0 51.0

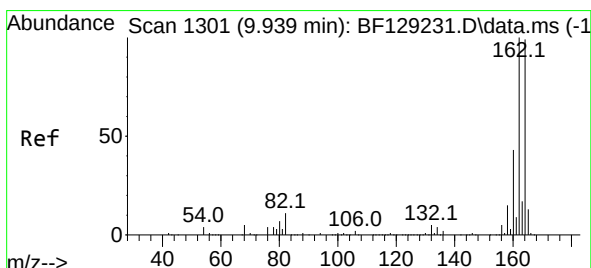
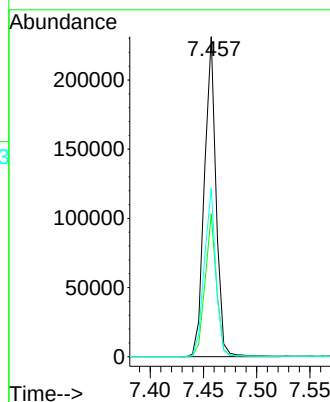
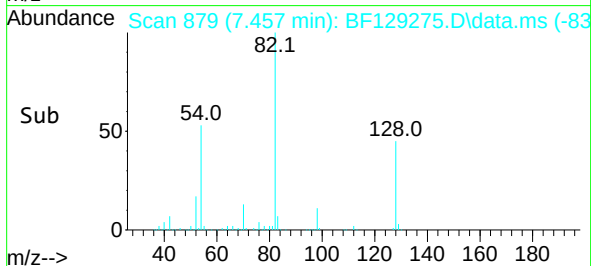
54 52.7 46.9 70.3

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#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.939 min Scan# 1301

Delta R.T. 0.000 min

Lab File: BF129275.D

Acq: 18 Jul 2022 19:12

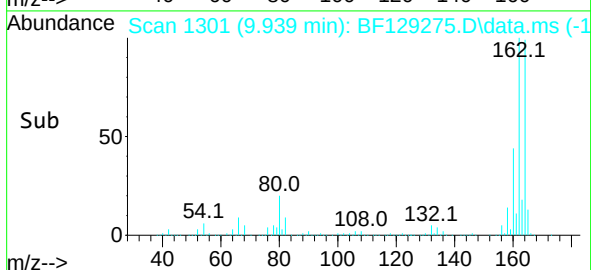
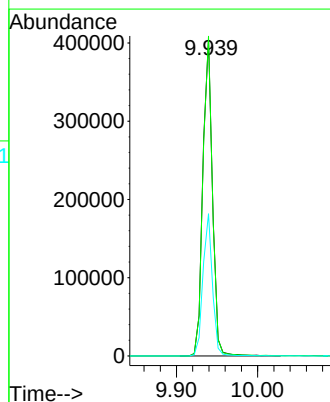
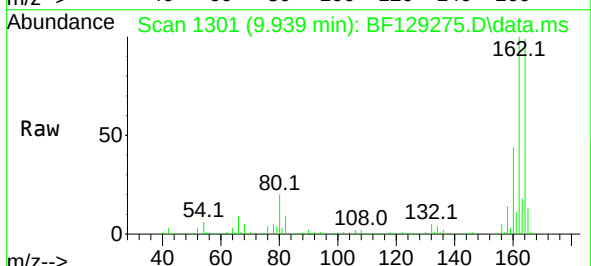
Tgt Ion:164 Resp: 333713

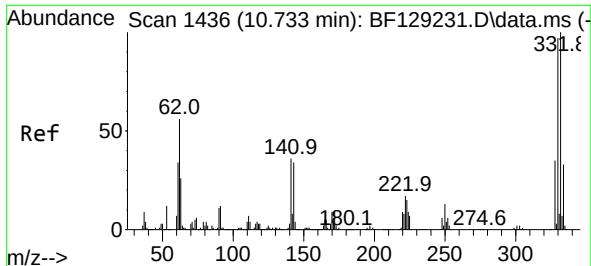
Ion Ratio Lower Upper

164 100

162 101.0 79.5 119.3

160 44.9 34.2 51.4





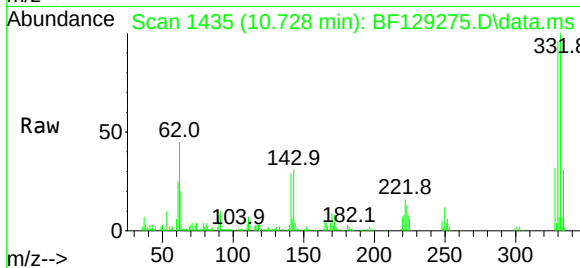
#42
2,4,6-Tribromophenol
Concen: 15.093 ng
RT: 10.728 min Scan# 1435
Delta R.T. -0.006 min
Lab File: BF129275.D
Acq: 18 Jul 2022 19:12

Instrument :

BNA_F

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OK-01-071522

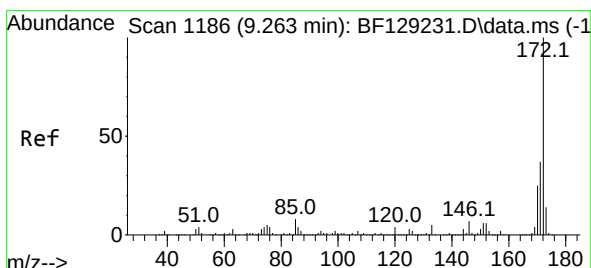
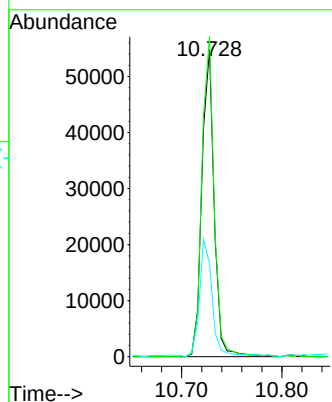
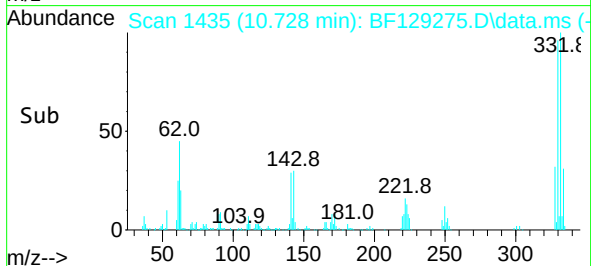


Tgt Ion:330 Resp: 46750
Ion Ratio Lower Upper
330 100
332 104.4 76.8 115.2
141 39.2 28.0 42.0

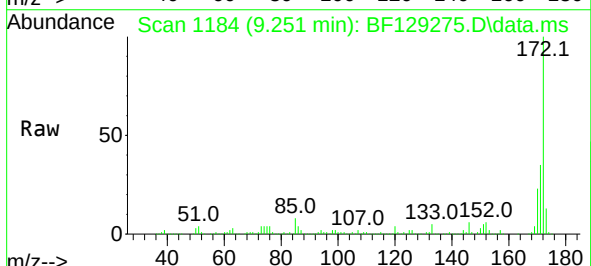
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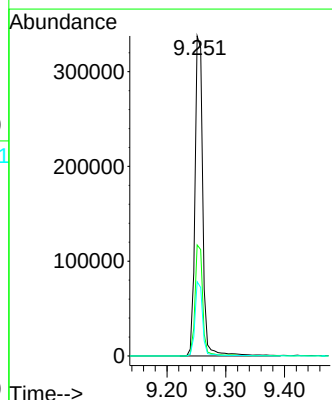
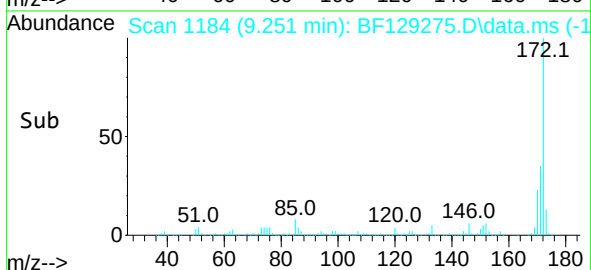
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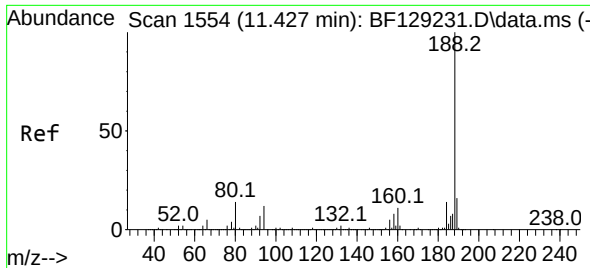


#45
2-Fluorobiphenyl
Concen: 15.791 ng
RT: 9.251 min Scan# 1184
Delta R.T. -0.012 min
Lab File: BF129275.D
Acq: 18 Jul 2022 19:12



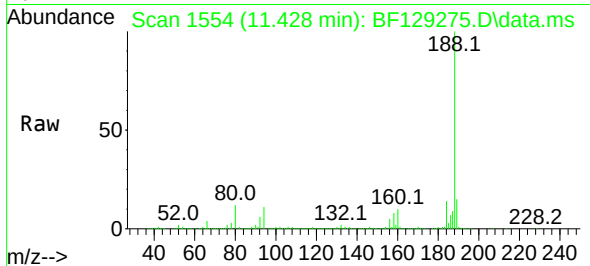
Tgt Ion:172 Resp: 311034
Ion Ratio Lower Upper
172 100
171 34.7 28.8 43.2
170 23.2 19.8 29.8





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.428 min Scan# 1155
Delta R.T. 0.000 min
Lab File: BF129275.D
Acq: 18 Jul 2022 19:12

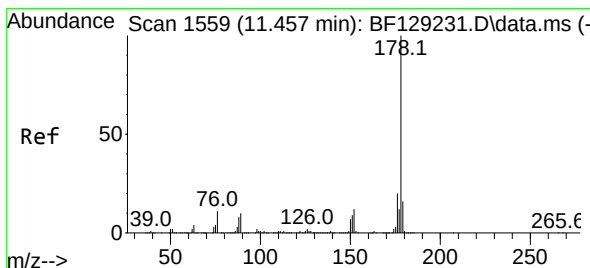
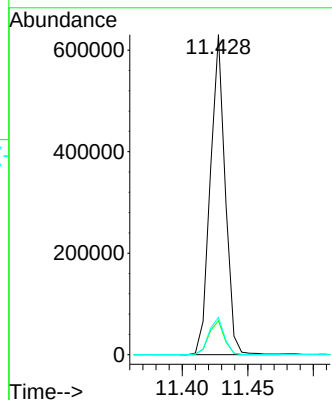
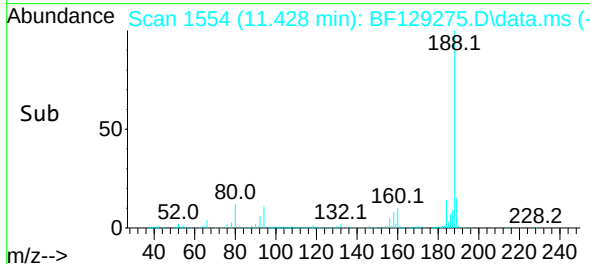
Instrument :
BNA_F
ClientSampleId :
OK-01-071522



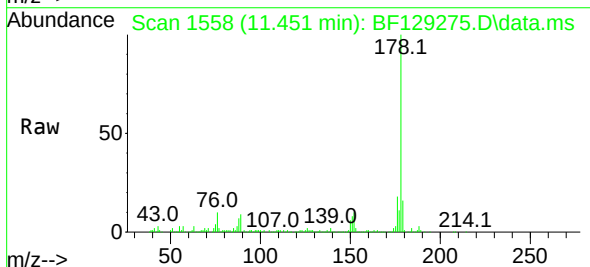
Tgt Ion:188 Resp: 498733
Ion Ratio Lower Upper
188 100
94 10.6 7.0 10.6
80 11.7 7.6 11.4

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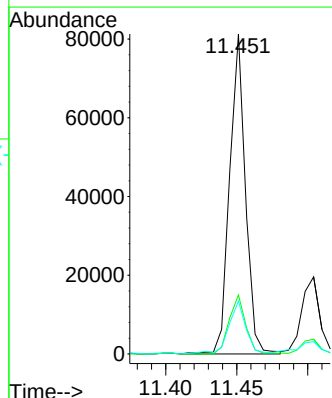
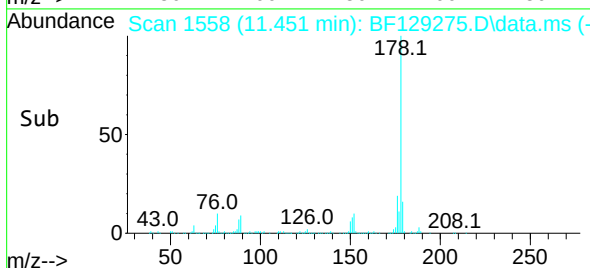
Reviewed By :Christian Giraldo 07/19/2022
Supervised By :Jagrut Upadhyay 07/19/2022

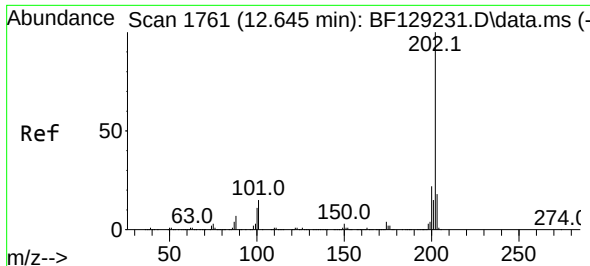


#71
Phenanthrene
Concen: 2.480 ng
RT: 11.451 min Scan# 1558
Delta R.T. -0.006 min
Lab File: BF129275.D
Acq: 18 Jul 2022 19:12



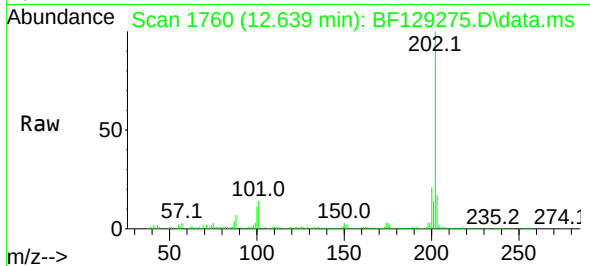
Tgt Ion:178 Resp: 62809
Ion Ratio Lower Upper
178 100
176 18.5 16.0 24.0
179 16.5 12.6 19.0





#75
Fluoranthene
Concen: 6.150 ng
RT: 12.639 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF129275.D
Acq: 18 Jul 2022 19:12

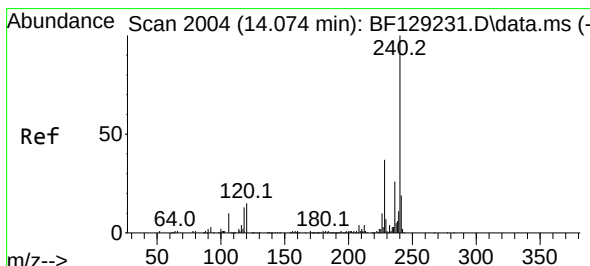
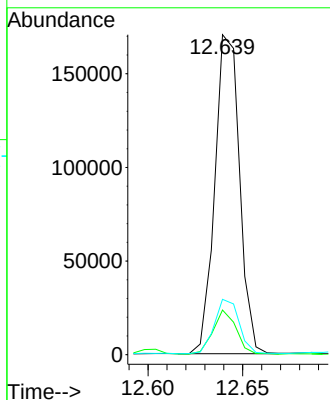
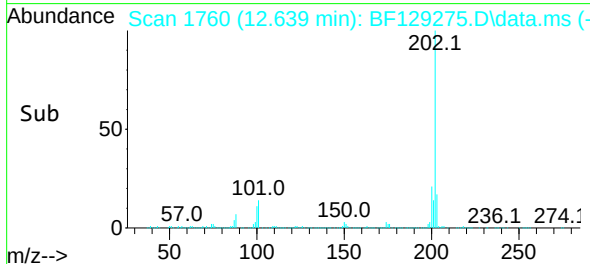
Instrument :
BNA_F
ClientSampleId :
OK-01-071522



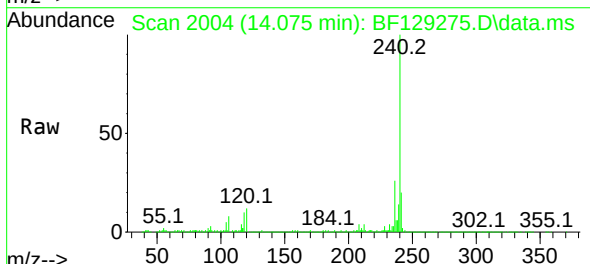
Tgt Ion:202 Resp: 15508
Ion Ratio Lower Upper
202 100
101 14.0 0.0 31.4
203 17.3 0.0 38.0

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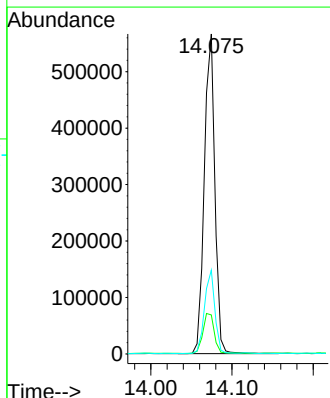
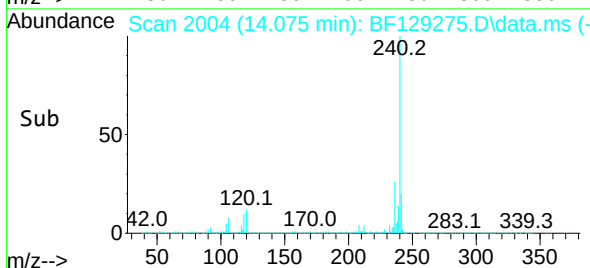
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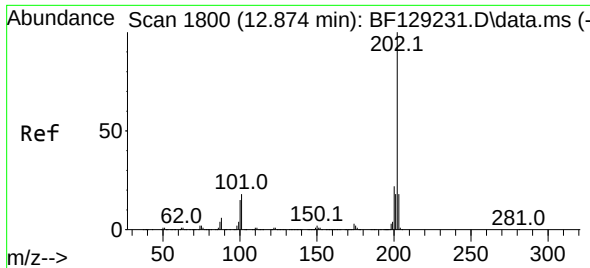


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.075 min Scan# 2004
Delta R.T. 0.000 min
Lab File: BF129275.D
Acq: 18 Jul 2022 19:12



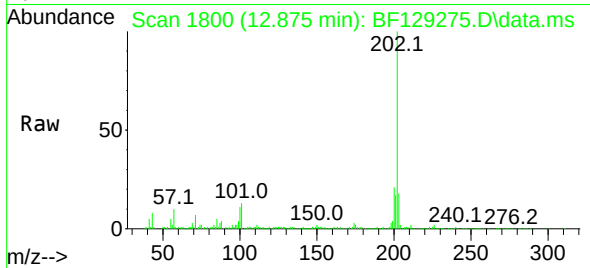
Tgt Ion:240 Resp: 510145
Ion Ratio Lower Upper
240 100
120 12.2 8.9 13.3
236 26.2 20.8 31.2





#78
Pyrene
Concen: 3.694 ng
RT: 12.875 min Scan# 1800
Delta R.T. 0.000 min
Lab File: BF129275.D
Acq: 18 Jul 2022 19:12

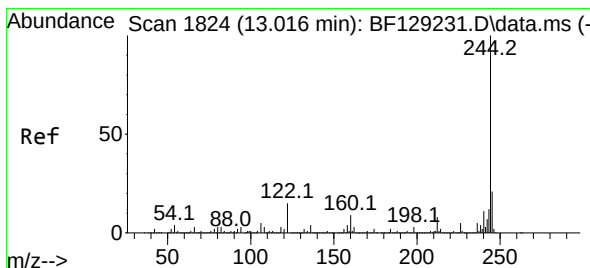
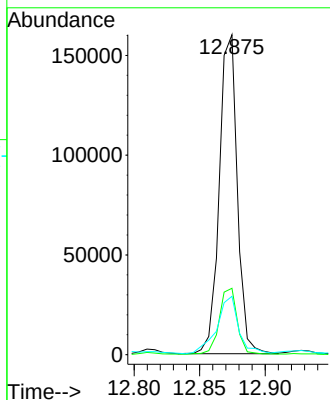
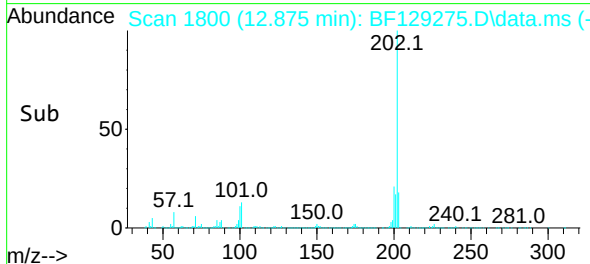
Instrument :
BNA_F
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OK-01-071522



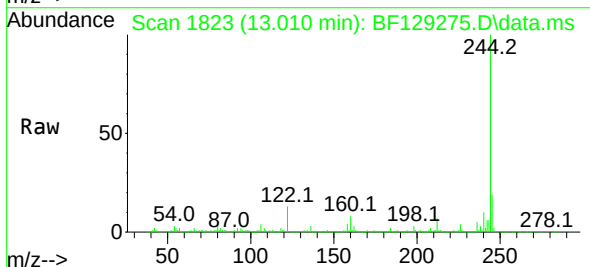
Tgt Ion:202 Resp: 15261
Ion Ratio Lower Upper
202 100
200 20.8 17.7 26.5
203 18.2 14.6 21.8

Manual Integrations
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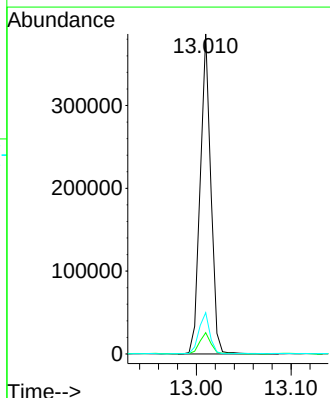
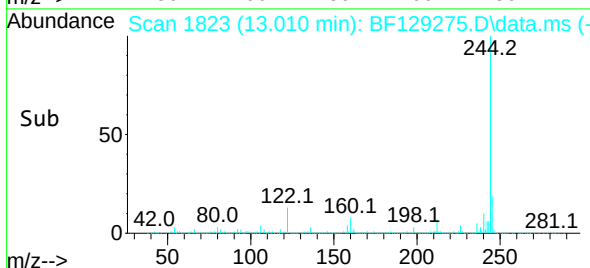
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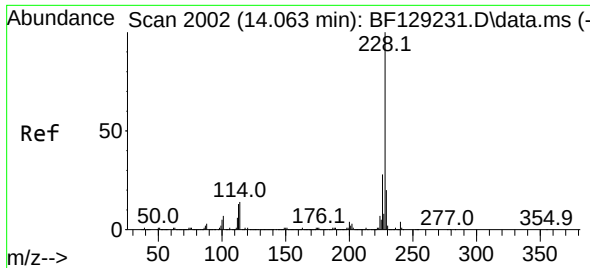


#79
Terphenyl-d14
Concen: 11.083 ng
RT: 13.010 min Scan# 1823
Delta R.T. -0.006 min
Lab File: BF129275.D
Acq: 18 Jul 2022 19:12



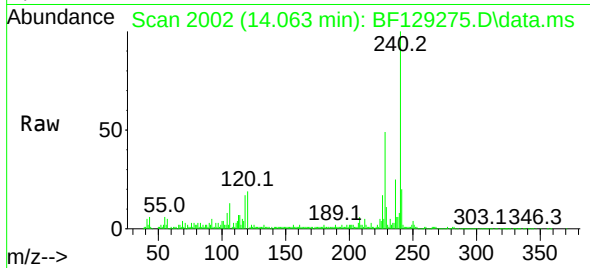
Tgt Ion:244 Resp: 302248
Ion Ratio Lower Upper
244 100
212 6.7 6.1 9.1
122 12.9 8.8 13.2





#81
Benzo(a)anthracene
Concen: 2.194 ng m
RT: 14.063 min Scan# 2002
Delta R.T. 0.000 min
Lab File: BF129275.D
Acq: 18 Jul 2022 19:12

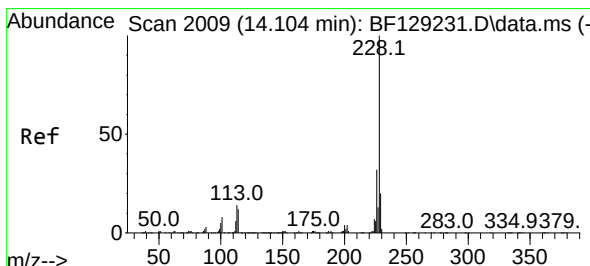
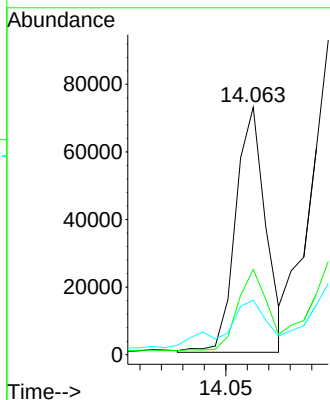
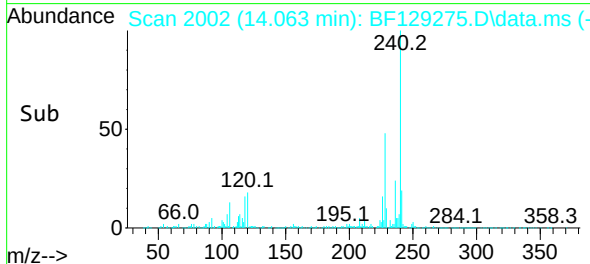
Instrument :
BNA_F
ClientSampleId :
OK-01-071522



Tgt Ion:228 Resp: 7061
Ion Ratio Lower Upper
228 100
226 34.4 22.1 33.1
229 22.0 15.8 23.8

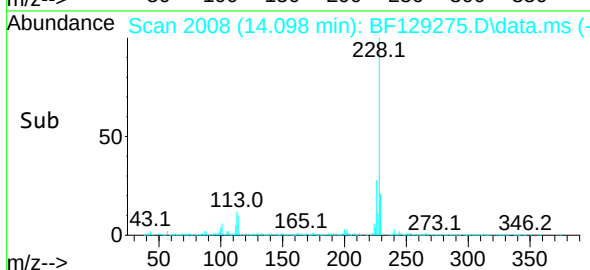
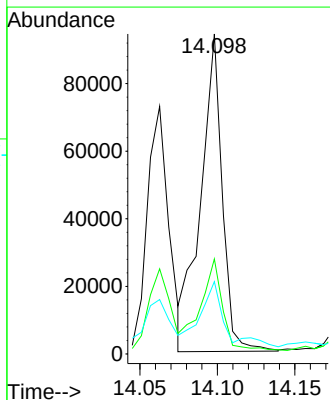
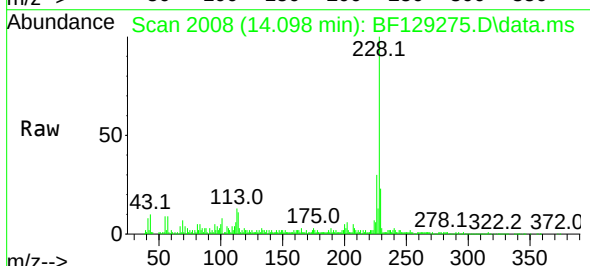
Manual Integrations
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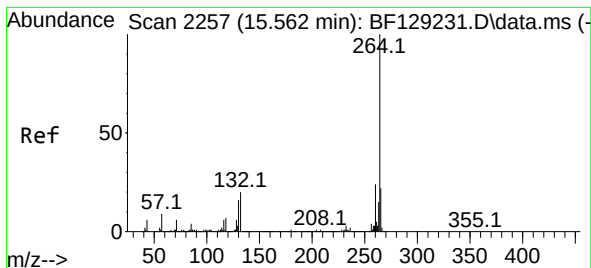
Reviewed By :Christian Giraldo 07/19/2022
Supervised By :Jagrut Upadhyay 07/19/2022



#83
Chrysene
Concen: 2.979 ng
RT: 14.098 min Scan# 2008
Delta R.T. -0.006 min
Lab File: BF129275.D
Acq: 18 Jul 2022 19:12

Tgt Ion:228 Resp: 91491
Ion Ratio Lower Upper
228 100
226 29.7 24.3 36.5
229 22.6 15.9 23.9





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.569 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF129275.D

Acq: 18 Jul 2022 19:12

Instrument :

BNA_F

ClientSampleId :

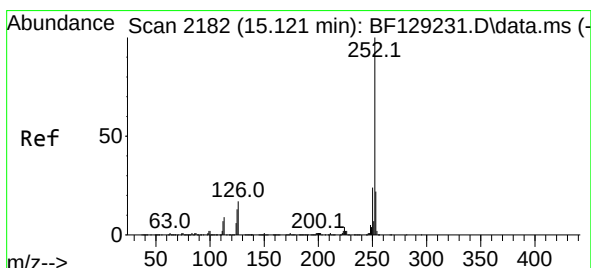
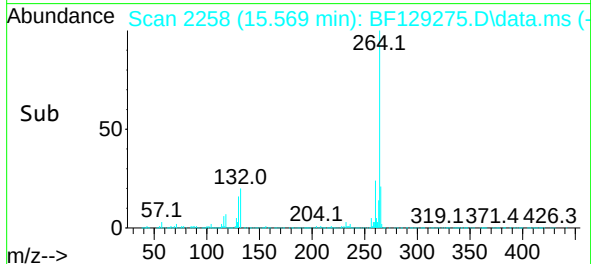
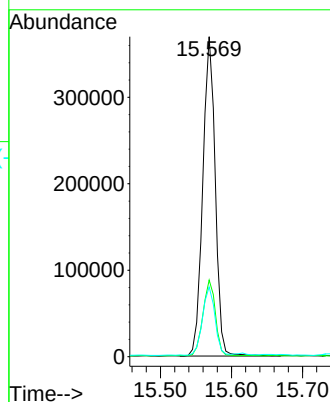
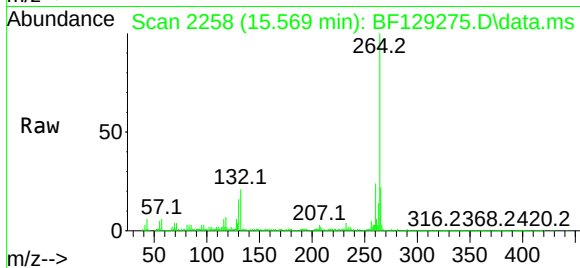
OK-01-071522

Tgt Ion:264 Resp: 452335
 Ion Ratio Lower Upper
 264 100
 260 24.0 18.4 27.6
 265 21.8 17.2 25.8

Manual Integrations

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Reviewed By :Christian Giraldo 07/19/2022
 Supervised By :Jagrut Upadhyay 07/19/2022



#88

Benzo(b)fluoranthene

Concen: 4.081 ng m

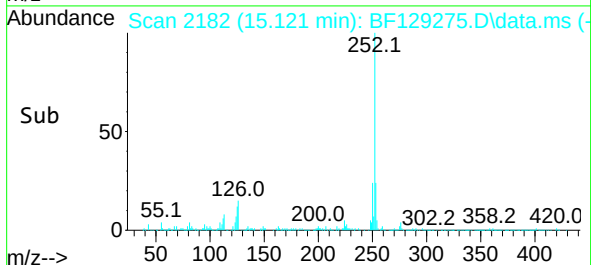
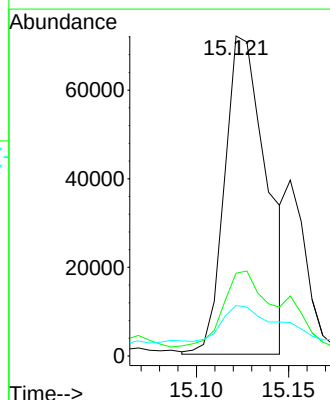
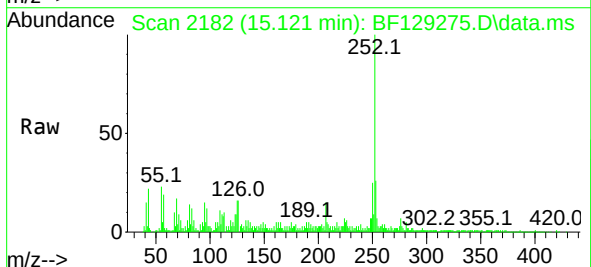
RT: 15.121 min Scan# 2182

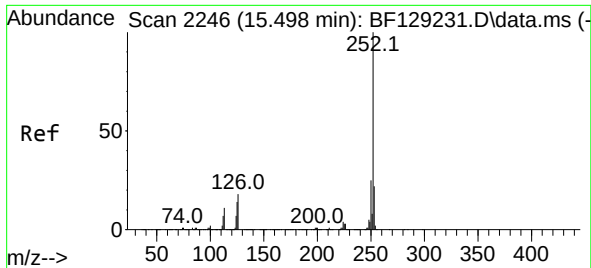
Delta R.T. 0.000 min

Lab File: BF129275.D

Acq: 18 Jul 2022 19:12

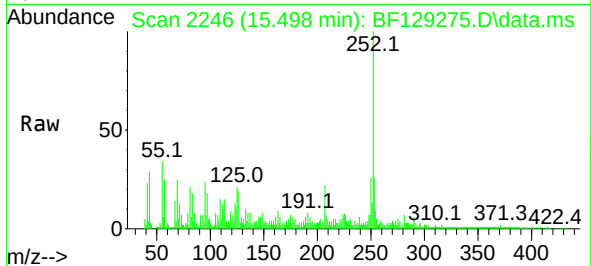
Tgt Ion:252 Resp: 113401
 Ion Ratio Lower Upper
 252 100
 253 25.9 17.7 26.5
 125 15.8 8.0 12.0#





#90
Benzo(a)pyrene
Concen: 2.915 ng
RT: 15.498 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF129275.D
Acq: 18 Jul 2022 19:12

Instrument :
BNA_F
ClientSampleId :
OK-01-071522



Tgt Ion:252	Resp:	65949
Ion Ratio	Lower	Upper
252	100	
253	26.3	17.0 25.6
125	20.6	8.8 13.2

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 07/19/2022
Supervised By :Jagrut Upadhyay 07/19/2022

