

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072922\
 Data File : BF129460.D
 Acq On : 30 Jul 2022 01:05
 Operator : CG\JU
 Sample : N3894-09
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RVE-28

Manual Integrations
 APPROVED

Reviewed By :Christian Giraldo 08/01/2022
 Supervised By :Jagrut Upadhyay 08/01/2022

Quant Time: Jul 30 02:03:57 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 25 17:24:17 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	173034	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	655304	20.000	ng	# 0.00
39) Acenaphthene-d10	9.922	164	321726	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	443833	20.000	ng	0.00
76) Chrysene-d12	14.062	240	333354	20.000	ng	0.00
86) Perylene-d12	15.557	264	335933	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	926255	87.201	ng	0.02
7) Phenol-d6	6.528	99	1190393	89.159	ng	0.01
23) Nitrobenzene-d5	7.445	82	854933	71.218	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	239589	77.458	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1507631	72.491	ng	0.00
79) Terphenyl-d14	13.004	244	1101631	62.346	ng	0.00
Target Compounds						
						Qvalue
75) Fluoranthene	12.627	202	90306	3.679	ng	98
78) Pyrene	12.863	202	96006	3.444	ng	98
83) Chrysene	14.086	228	61118m	2.848	ng	
88) Benzo(b)fluoranthene	15.115	252	83544m	3.749	ng	
90) Benzo(a)pyrene	15.492	252	46316	2.560	ng	# 92

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

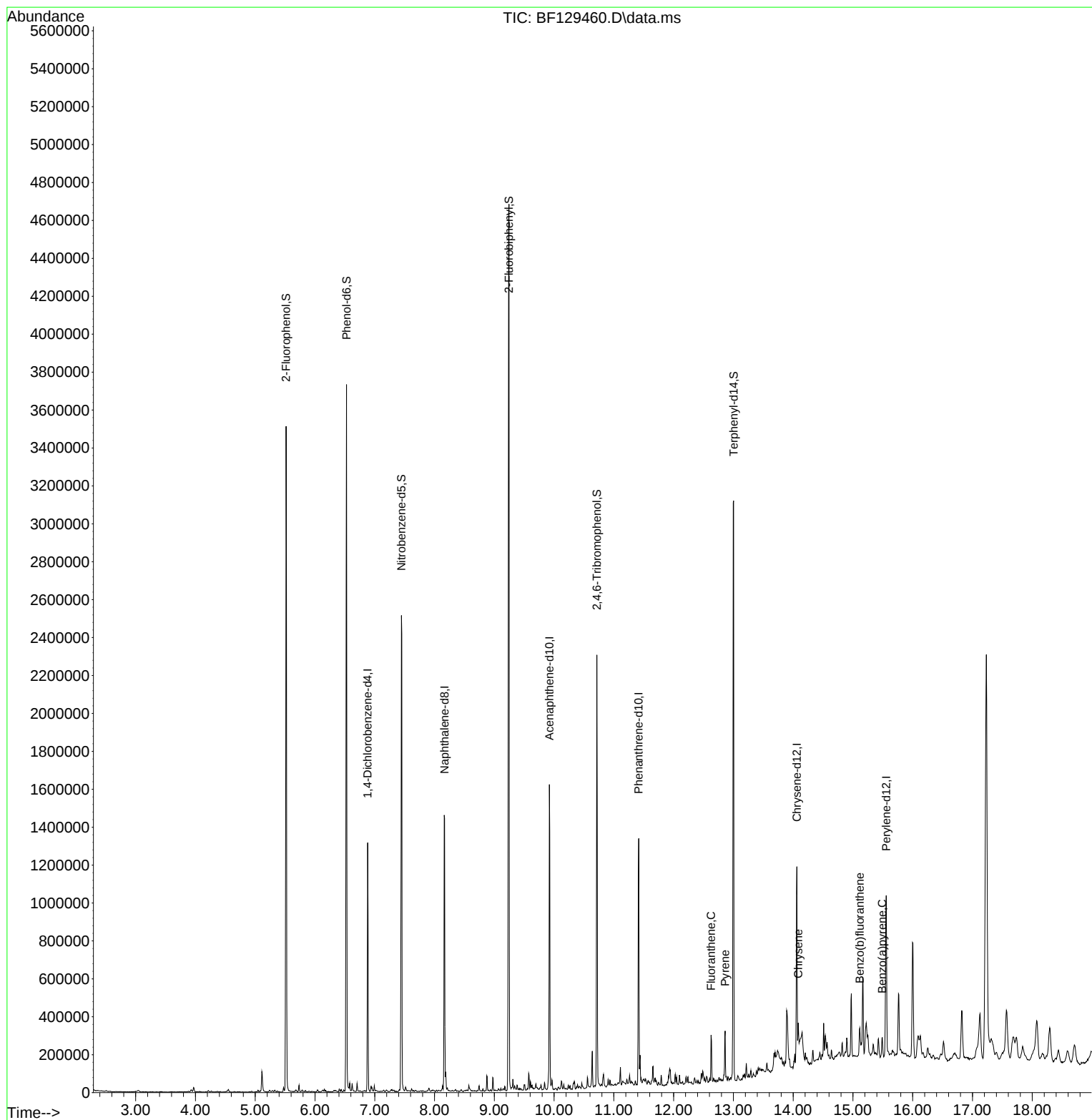
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072922\
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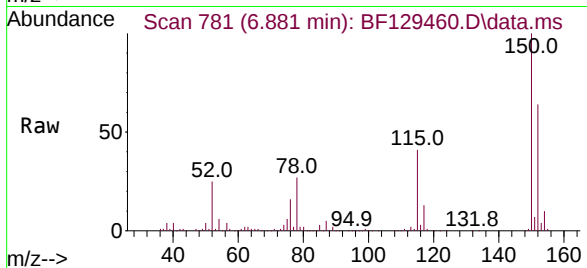
Reviewed By :Christian Giraldo 08/01/2022
Supervised By :Jagrut Upadhyay 08/01/2022





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 71
Delta R.T. -0.005 min
Lab File: BF129460.D
Acq: 30 Jul 2022 01:05

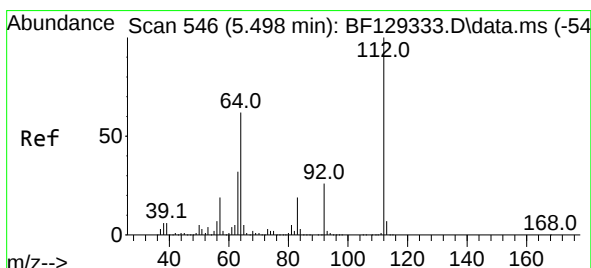
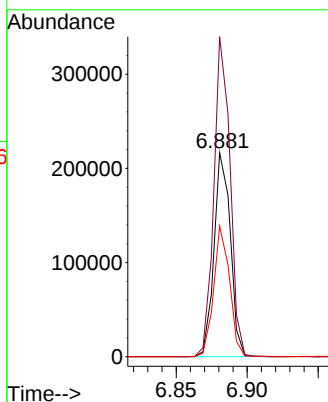
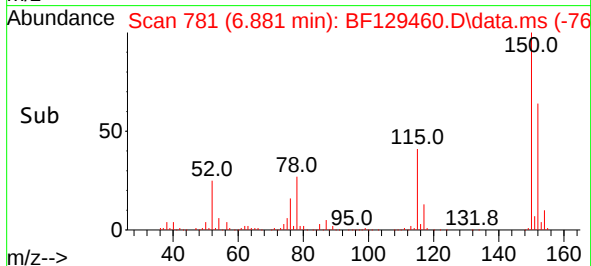
Instrument :
BNA_F
ClientSampleId :
RVE-28



Tgt Ion:152 Resp: 173034
Ion Ratio Lower Upper
152 100
150 157.0 123.7 185.5
115 64.0 49.9 74.9

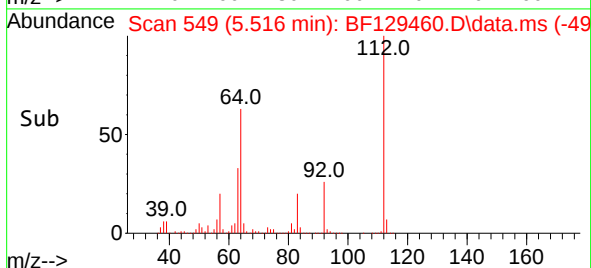
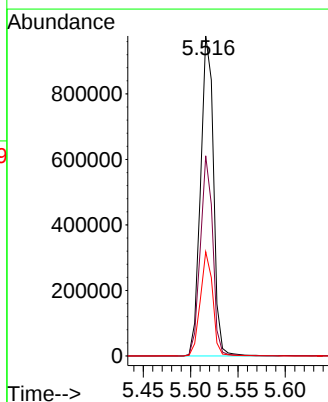
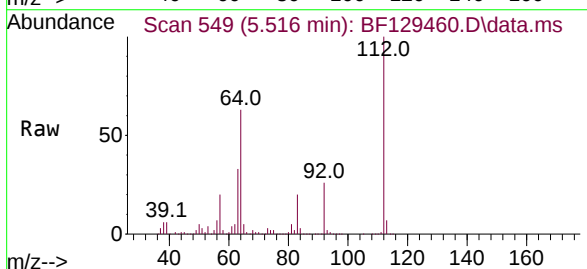
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#5
2-Fluorophenol
Concen: 87.201 ng
RT: 5.516 min Scan# 549
Delta R.T. 0.018 min
Lab File: BF129460.D
Acq: 30 Jul 2022 01:05

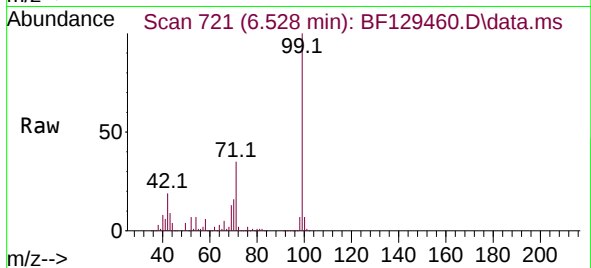
Tgt Ion:112 Resp: 926255
Ion Ratio Lower Upper
112 100
64 62.5 53.3 79.9
63 32.6 28.0 42.0





#7
Phenol-d6
Concen: 89.159 ng
RT: 6.528 min Scan# 719
Delta R.T. 0.012 min
Lab File: BF129460.D
Acq: 30 Jul 2022 01:05

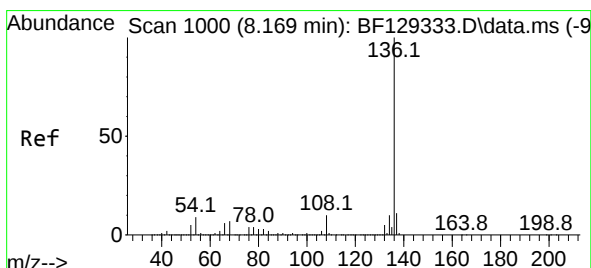
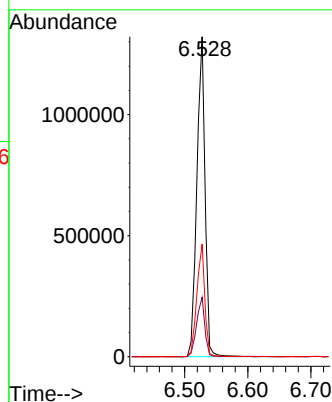
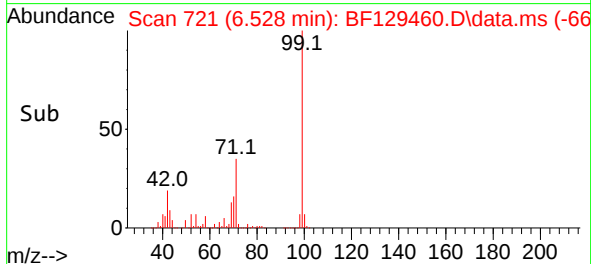
Instrument :
BNA_F
ClientSampleId :
RVE-28



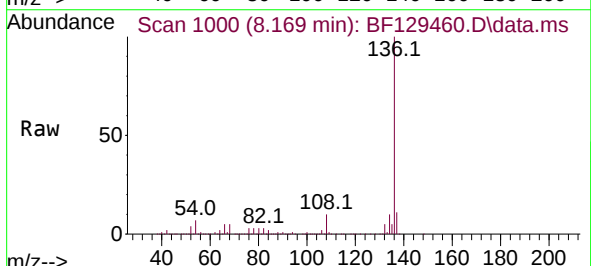
Tgt Ion: 99 Resp: 119039
Ion Ratio Lower Upper
99 100
42 18.5 17.3 25.9
71 35.1 28.9 43.3

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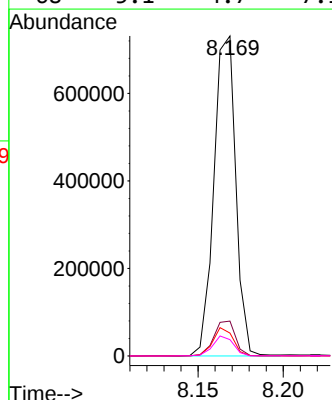
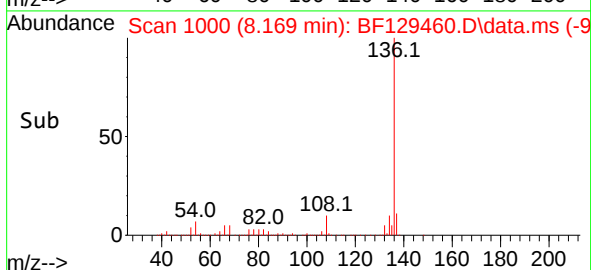
Reviewed By :Christian Giraldo 08/01/2022
Supervised By :Jagrut Upadhyay 08/01/2022

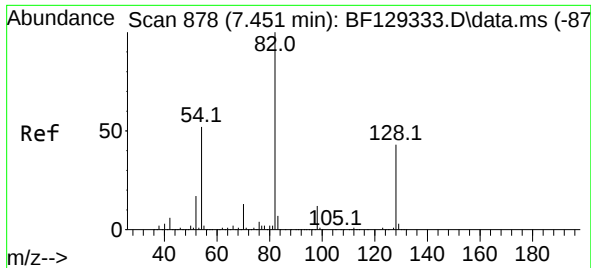


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1000
Delta R.T. -0.000 min
Lab File: BF129460.D
Acq: 30 Jul 2022 01:05



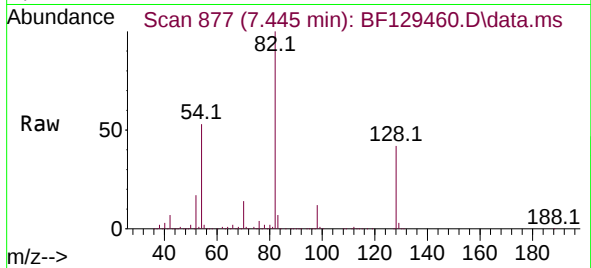
Tgt Ion:136 Resp: 655304
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 7.1 7.5 11.3#
68 5.1 4.7 7.1





#23
Nitrobenzene-d5
Concen: 71.218 ng
RT: 7.445 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF129460.D
Acq: 30 Jul 2022 01:05

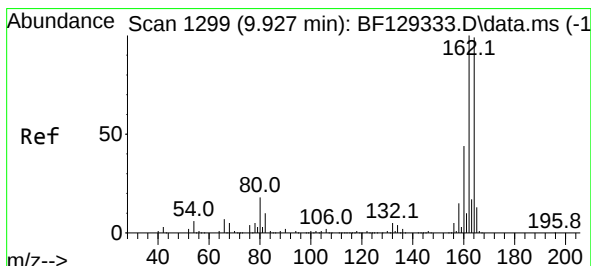
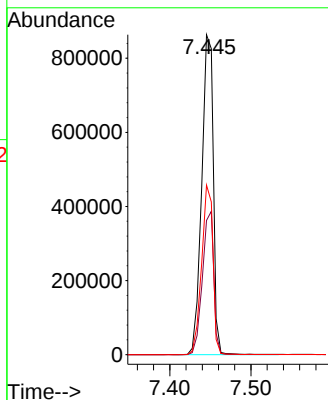
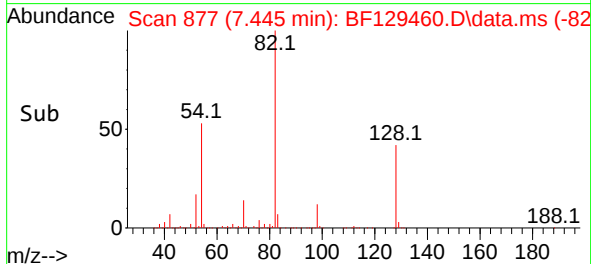
Instrument :
BNA_F
ClientSampleId :
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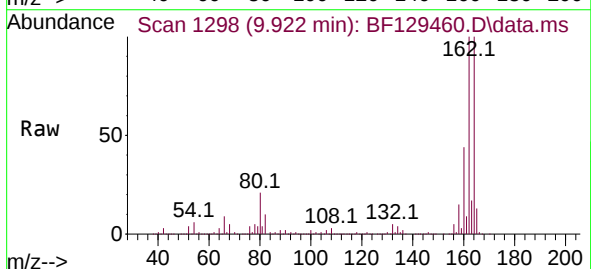
Tgt Ion: 82 Resp: 85493
Ion Ratio Lower Upper
82 100
128 42.0 34.0 51.0
54 53.0 46.9 70.3

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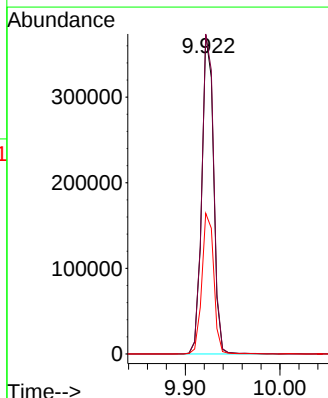
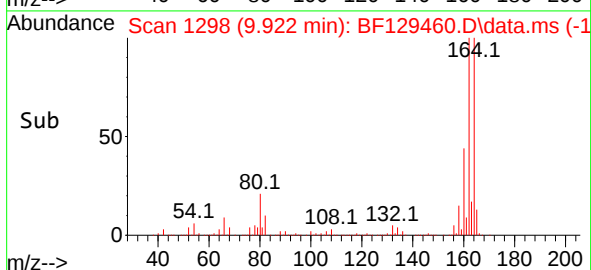
Reviewed By :Christian Giraldo 08/01/2022
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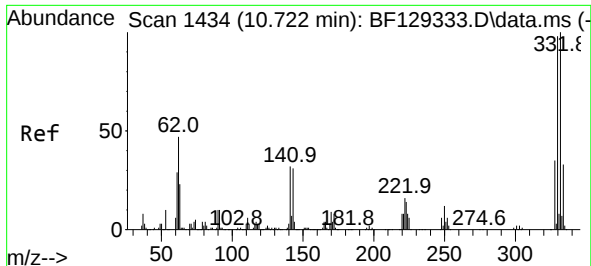


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1298
Delta R.T. -0.006 min
Lab File: BF129460.D
Acq: 30 Jul 2022 01:05



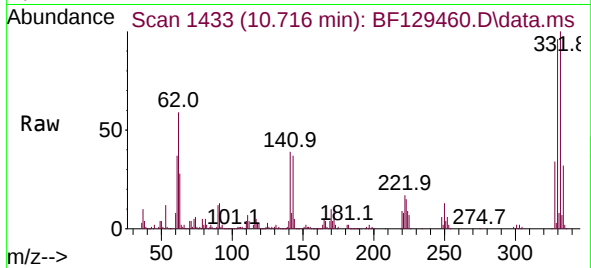
Tgt Ion:164 Resp: 321726
Ion Ratio Lower Upper
164 100
162 100.3 79.5 119.3
160 44.1 34.2 51.4





#42
2,4,6-Tribromophenol
Concen: 77.458 ng
RT: 10.716 min Scan# 1433
Delta R.T. -0.006 min
Lab File: BF129460.D
Acq: 30 Jul 2022 01:05

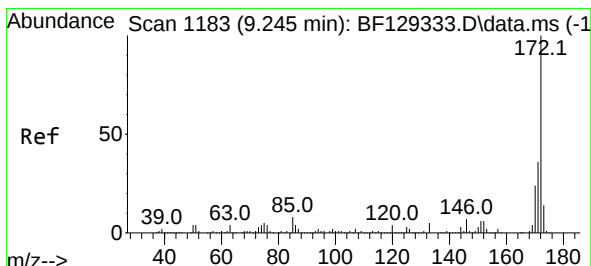
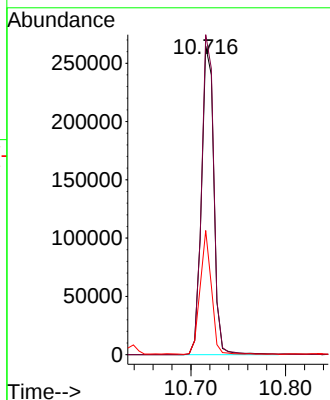
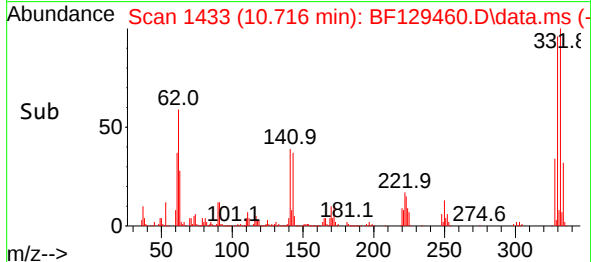
Instrument :
BNA_F
ClientSampleId :
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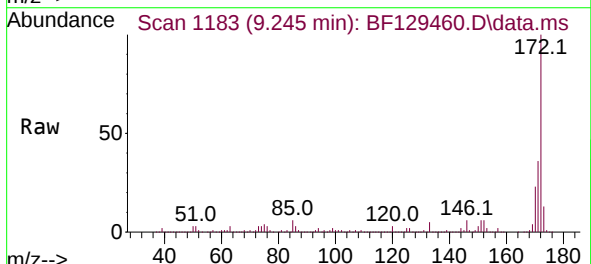
Tgt Ion:330 Resp: 239589
Ion Ratio Lower Upper
330 100
332 102.7 76.8 115.2
141 36.5 28.0 42.0

Manual Integrations
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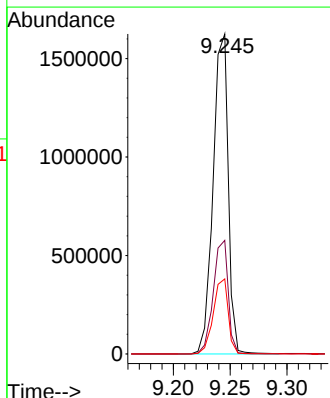
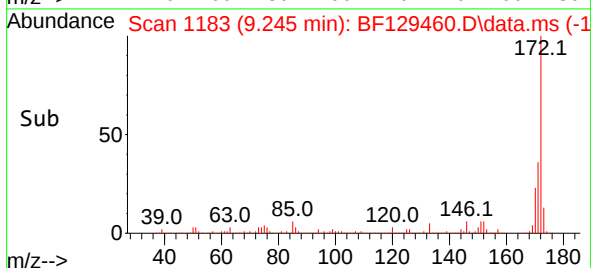
Reviewed By :Christian Giraldo 08/01/2022
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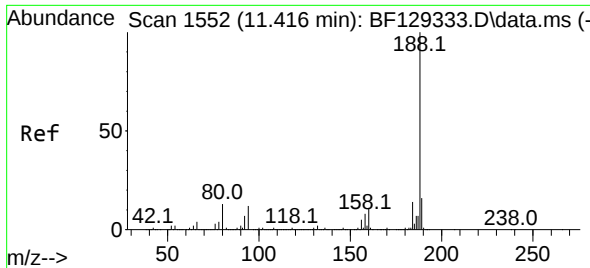


#45
2-Fluorobiphenyl
Concen: 72.491 ng
RT: 9.245 min Scan# 1183
Delta R.T. -0.000 min
Lab File: BF129460.D
Acq: 30 Jul 2022 01:05



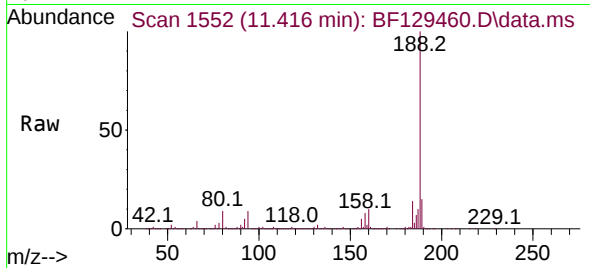
Tgt Ion:172 Resp: 1507631
Ion Ratio Lower Upper
172 100
171 35.5 28.8 43.2
170 23.4 19.8 29.8





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.416 min Scan# 1552
Delta R.T. -0.000 min
Lab File: BF129460.D
Acq: 30 Jul 2022 01:05

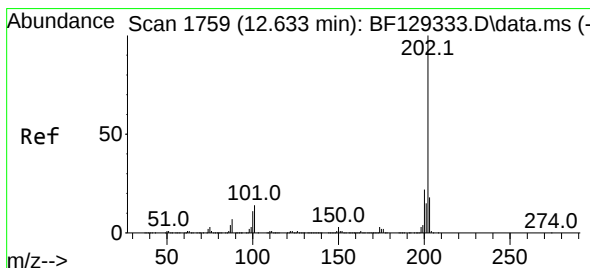
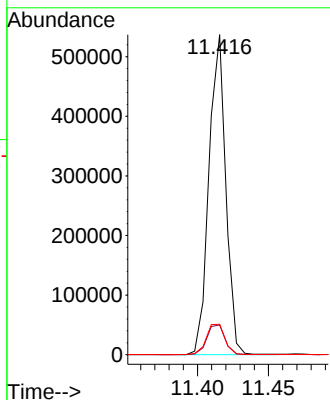
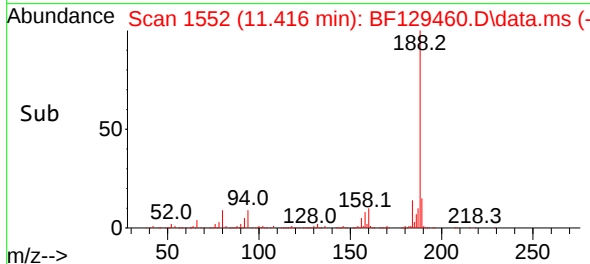
Instrument :
BNA_F
ClientSampleId :
RVE-28



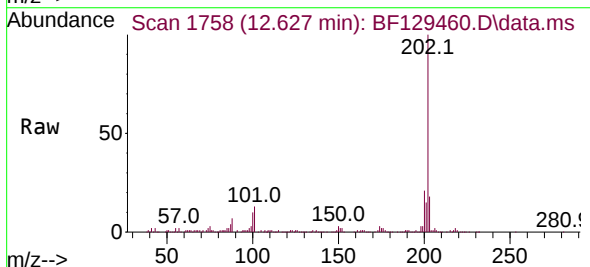
Tgt Ion:188 Resp: 44383
Ion Ratio Lower Upper
188 100
94 9.3 7.0 10.6
80 9.5 7.6 11.4

Manual Integrations
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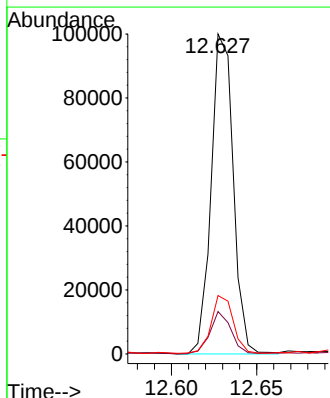
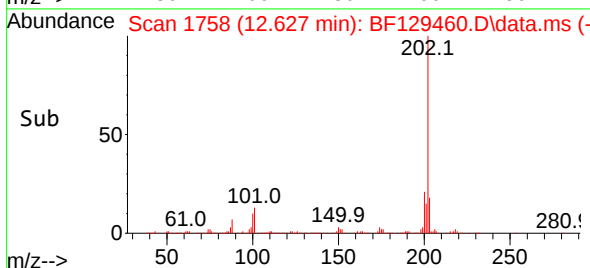
Reviewed By :Christian Giraldo 08/01/2022
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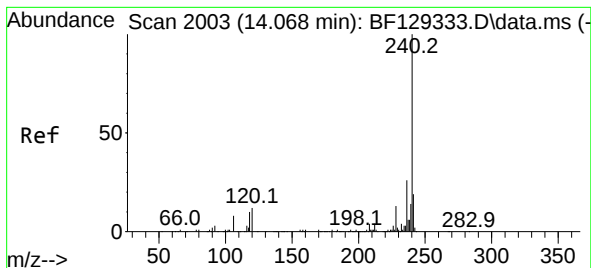


#75
Fluoranthene
Concen: 3.679 ng
RT: 12.627 min Scan# 1758
Delta R.T. -0.006 min
Lab File: BF129460.D
Acq: 30 Jul 2022 01:05



Tgt Ion:202 Resp: 90306
Ion Ratio Lower Upper
202 100
101 13.3 0.0 31.4
203 18.3 0.0 38.0





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.062 min Scan# 2003

Delta R.T. -0.006 min

Lab File: BF129460.D

Acq: 30 Jul 2022 01:05

Instrument :

BNA_F

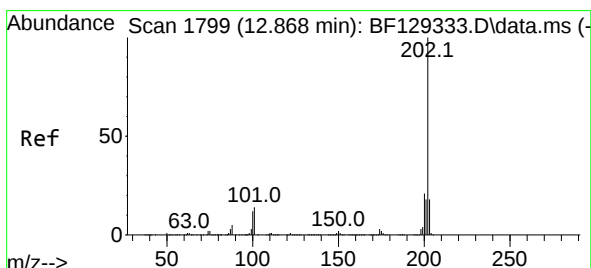
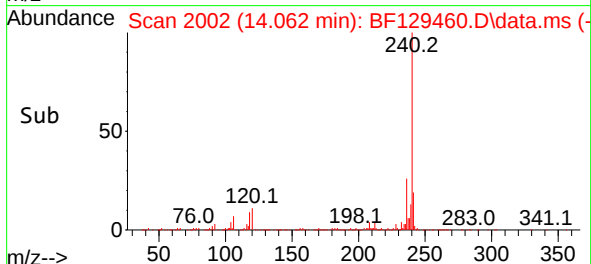
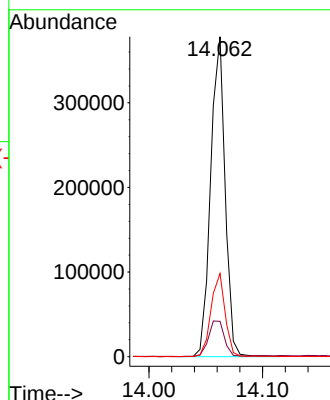
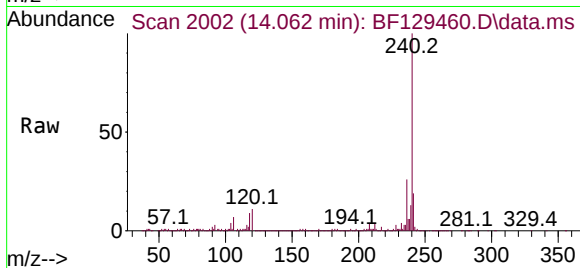
ClientSampleId :

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Tgt Ion:240 Resp: 333354
 Ion Ratio Lower Upper
 240 100
 120 11.1 8.9 13.3
 236 26.0 20.8 31.2

Manual Integrations
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Reviewed By :Christian Giraldo 08/01/2022
 Supervised By :Jagrut Upadhyay 08/01/2022



#78

Pyrene

Concen: 3.444 ng

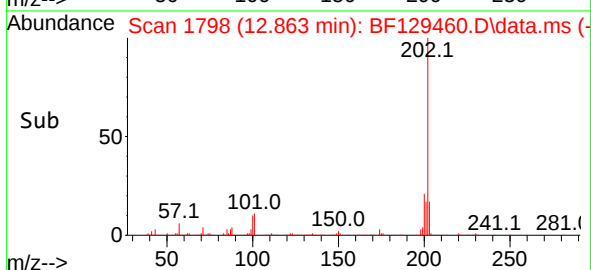
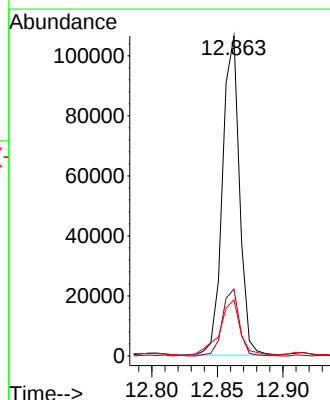
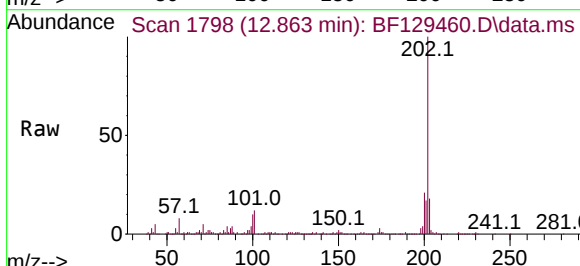
RT: 12.863 min Scan# 1798

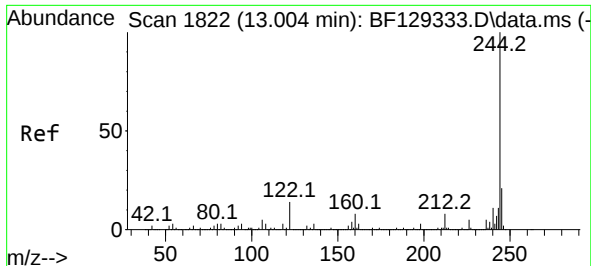
Delta R.T. -0.006 min

Lab File: BF129460.D

Acq: 30 Jul 2022 01:05

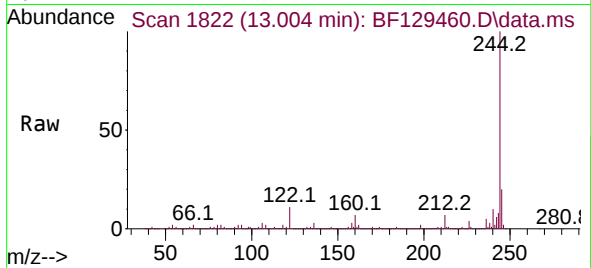
Tgt Ion:202 Resp: 96006
 Ion Ratio Lower Upper
 202 100
 200 20.9 17.7 26.5
 203 17.5 14.6 21.8





#79
 Terphenyl-d14
 Concen: 62.346 ng
 RT: 13.004 min Scan# 110
 Delta R.T. -0.000 min
 Lab File: BF129460.D
 Acq: 30 Jul 2022 01:05

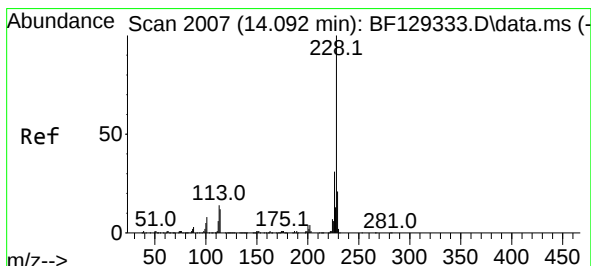
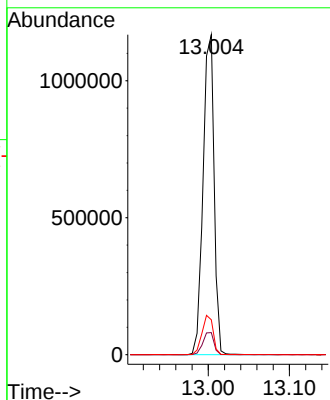
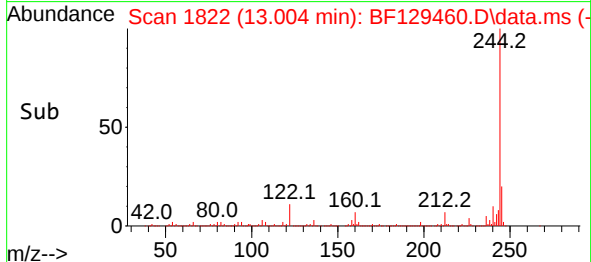
Instrument :
 BNA_F
 ClientSampleId :
 RVE-28



Tgt Ion:244 Resp: 110163
 Ion Ratio Lower Upper
 244 100
 212 6.9 6.1 9.1
 122 10.9 8.8 13.2

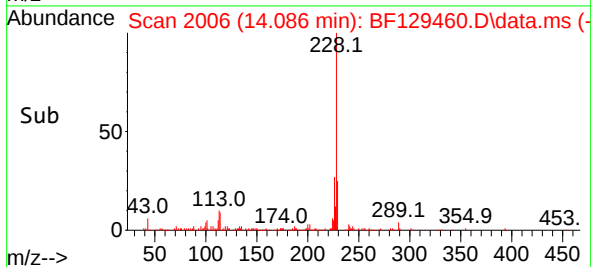
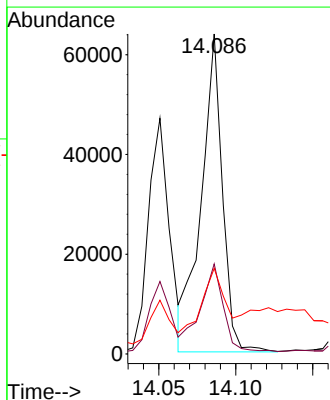
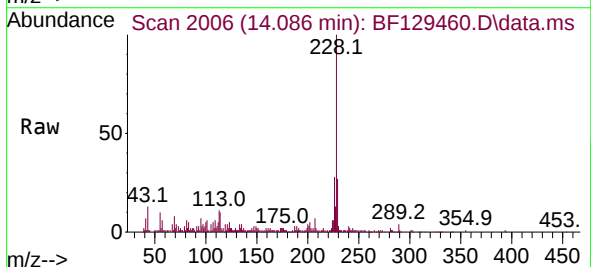
Manual Integrations
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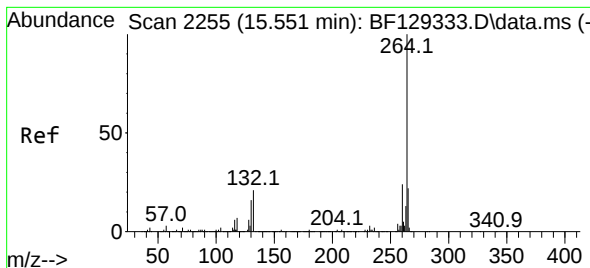
Reviewed By :Christian Giraldo 08/01/2022
 Supervised By :Jagrut Upadhyay 08/01/2022



#83
 Chrysene
 Concen: 2.848 ng m
 RT: 14.086 min Scan# 2006
 Delta R.T. -0.006 min
 Lab File: BF129460.D
 Acq: 30 Jul 2022 01:05

Tgt Ion:228 Resp: 61118
 Ion Ratio Lower Upper
 228 100
 226 28.1 24.3 36.5
 229 26.8 15.9 23.9#





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.557 min Scan# 2181

Delta R.T. 0.006 min

Lab File: BF129460.D

Acq: 30 Jul 2022 01:05

Instrument :

BNA_F

ClientSampleId :

RVE-28

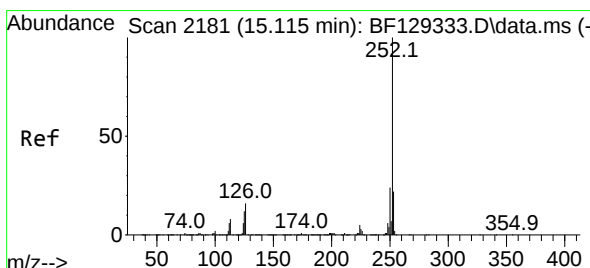
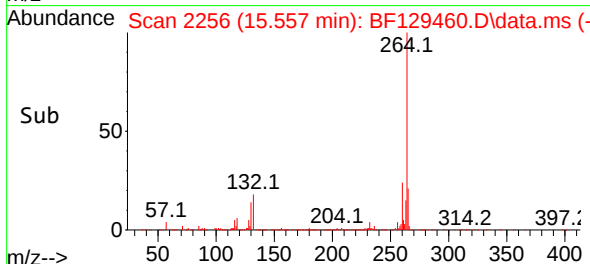
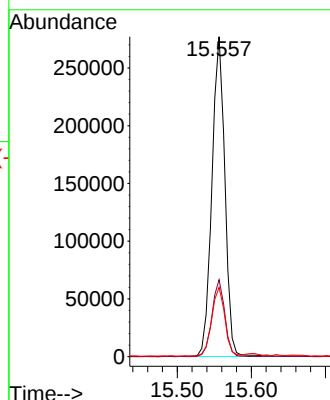
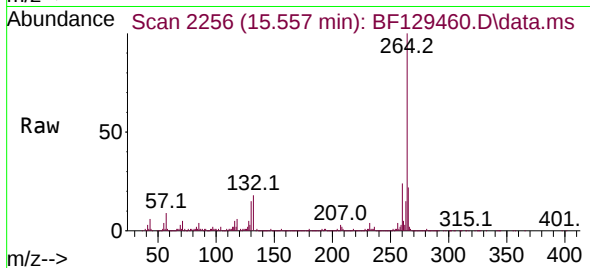
Tgt Ion:264 Resp: 33593
 Ion Ratio Lower Upper
 264 100
 260 24.0 18.4 27.6
 265 21.7 17.2 25.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 08/01/2022

Supervised By :Jagrut Upadhyay 08/01/2022



#88

Benzo(b)fluoranthene

Concen: 3.749 ng m

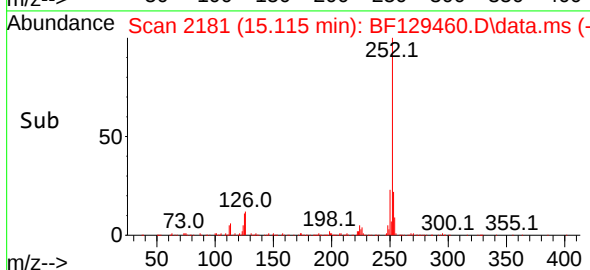
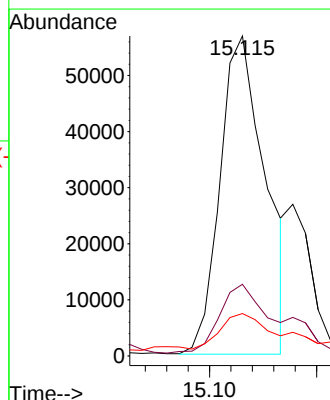
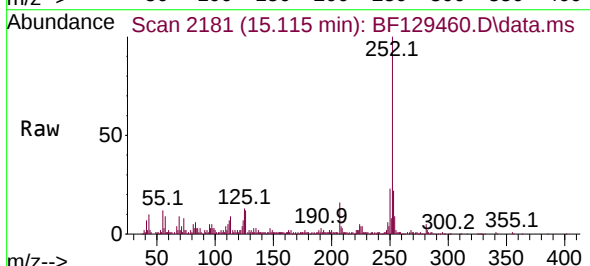
RT: 15.115 min Scan# 2181

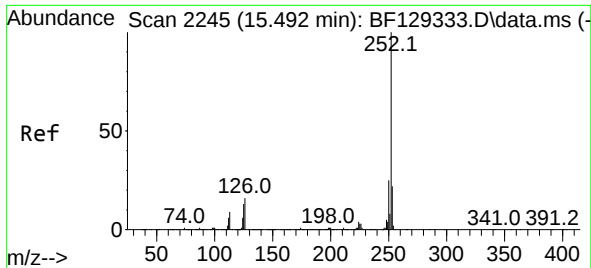
Delta R.T. 0.000 min

Lab File: BF129460.D

Acq: 30 Jul 2022 01:05

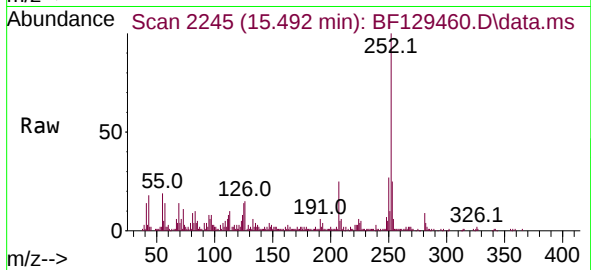
Tgt Ion:252 Resp: 83544
 Ion Ratio Lower Upper
 252 100
 253 22.4 17.7 26.5
 125 13.3 8.0 12.0#





#90
Benzo(a)pyrene
Concen: 2.560 ng
RT: 15.492 min Scan# 21
Delta R.T. -0.000 min
Lab File: BF129460.D
Acq: 30 Jul 2022 01:05

Instrument :
BNA_F
ClientSampleId :
RVE-28



Tgt Ion:252 Resp: 46310
Ion Ratio Lower Upper
252 100
253 25.4 17.0 25.6
125 14.1 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 08/01/2022
Supervised By :Jagrut Upadhyay 08/01/2022

