

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072822\
 Data File : BF129425.D
 Acq On : 29 Jul 2022 00:09
 Operator : CG\JU
 Sample : N3893-20
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RVE-19D

Quant Time: Jul 29 03:26:45 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

Manual Integrations
 APPROVED

Reviewed By :Christian Giraldo 07/29/2022
 Supervised By :Jagrut Upadhyay 07/29/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	193004	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	745895	20.000	ng	# 0.00
39) Acenaphthene-d10	9.922	164	358834	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	487110	20.000	ng	0.00
76) Chrysene-d12	14.063	240	369239	20.000	ng	0.00
86) Perylene-d12	15.557	264	336447	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	1006876	84.983	ng	0.01
7) Phenol-d6	6.522	99	1302095	87.434	ng	0.00
23) Nitrobenzene-d5	7.445	82	820921	60.079	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	270720	78.471	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	1480362	63.819	ng	0.00
79) Terphenyl-d14	12.998	244	1121659	57.310	ng	0.00
Target Compounds						
						Qvalue
75) Fluoranthene	12.628	202	106705	3.961	ng	98
78) Pyrene	12.857	202	153294	4.965	ng	98
83) Chrysene	14.086	228	86100	3.622	ng	98
88) Benzo(b)fluoranthene	15.110	252	95550m	4.281	ng	
90) Benzo(a)pyrene	15.486	252	59604	3.290	ng	# 93

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

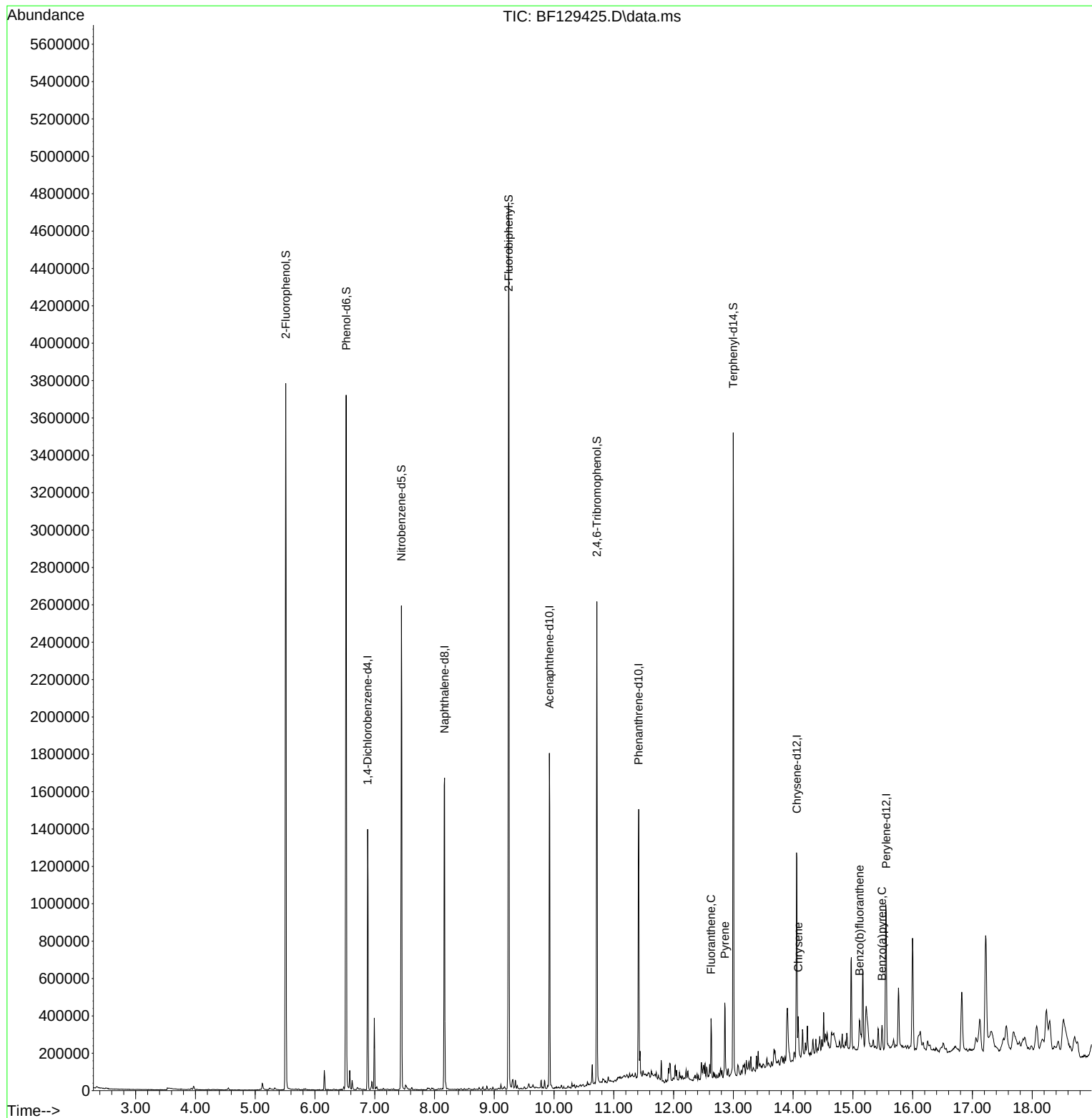
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072822\
Data File : BF129425.D
Acq On : 29 Jul 2022 00:09
Operator : CG\JU
Sample : N3893-20
Misc :
ALS Vial : 17 Sample Multiplier: 1

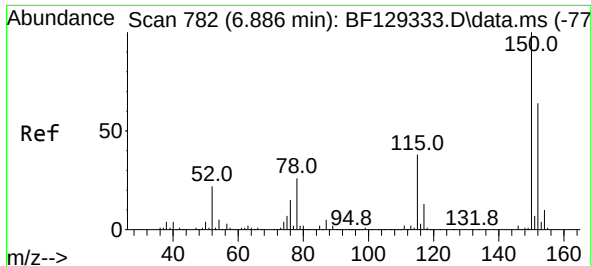
Instrument :
BNA_F
ClientSampleId :
RVE-19D

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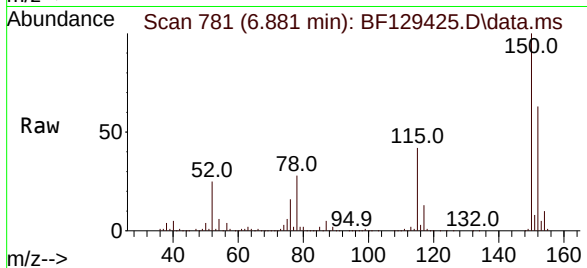
Quant Time: Jul 29 03:26:45 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 25 17:24:17 2022
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 71
Delta R.T. -0.005 min
Lab File: BF129425.D
Acq: 29 Jul 2022 00:09

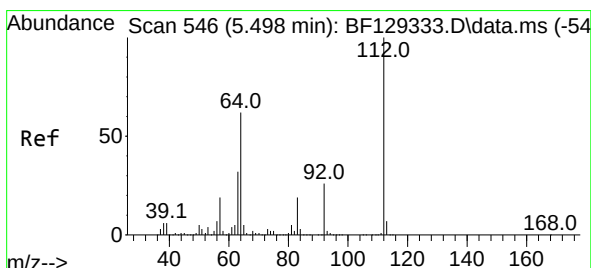
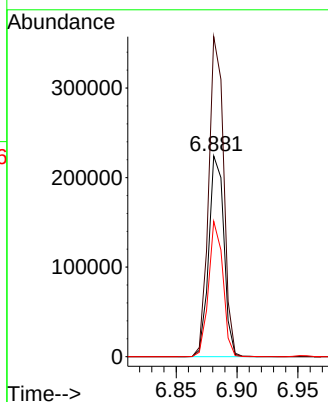
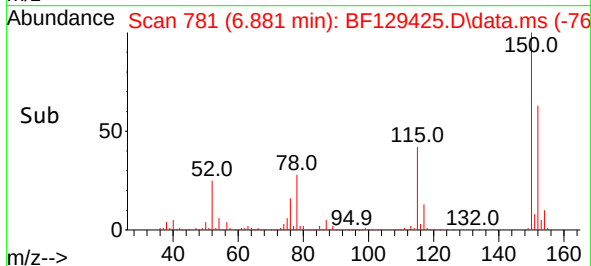
Instrument :
BNA_F
ClientSampleId :
RVE-19D



Tgt Ion:152 Resp: 193004
Ion Ratio Lower Upper
152 100
150 159.3 123.7 185.5
115 67.4 49.9 74.9

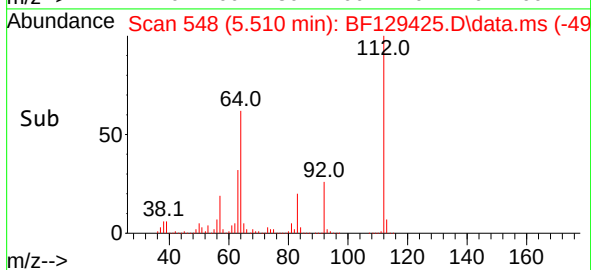
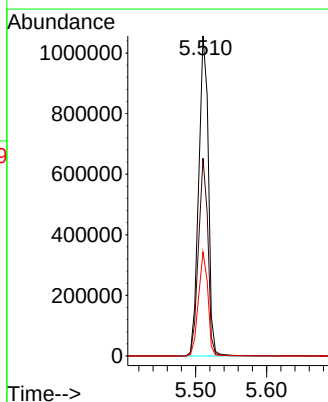
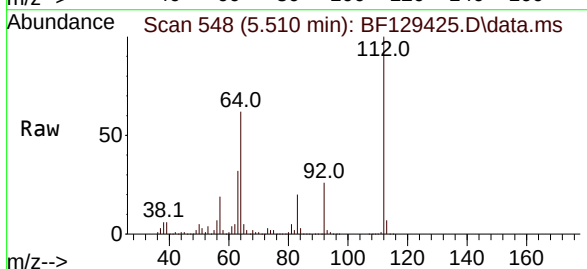
Manual Integrations
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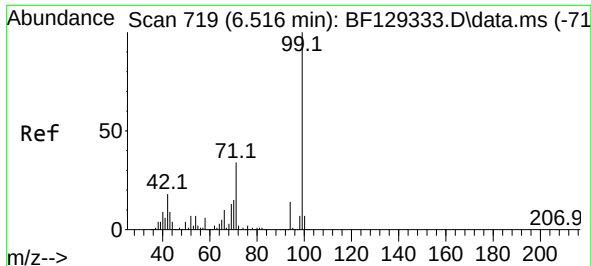
Reviewed By :Christian Giraldo 07/29/2022
Supervised By :Jagrut Upadhyay 07/29/2022



#5
2-Fluorophenol
Concen: 84.983 ng
RT: 5.510 min Scan# 548
Delta R.T. 0.012 min
Lab File: BF129425.D
Acq: 29 Jul 2022 00:09

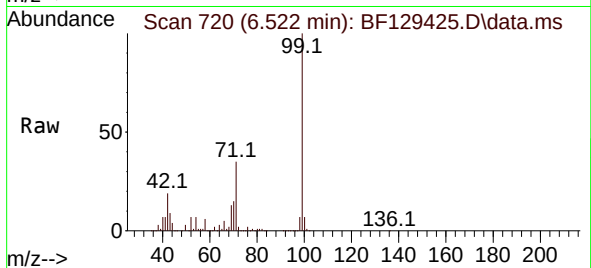
Tgt Ion:112 Resp: 1006876
Ion Ratio Lower Upper
112 100
64 61.8 53.3 79.9
63 32.5 28.0 42.0





#7
Phenol-d6
Concen: 87.434 ng
RT: 6.522 min Scan# 719
Delta R.T. 0.006 min
Lab File: BF129425.D
Acq: 29 Jul 2022 00:09

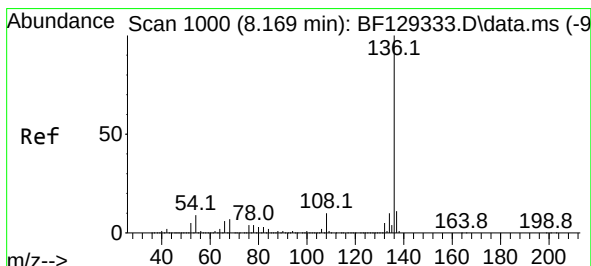
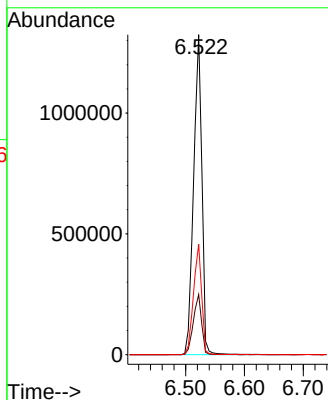
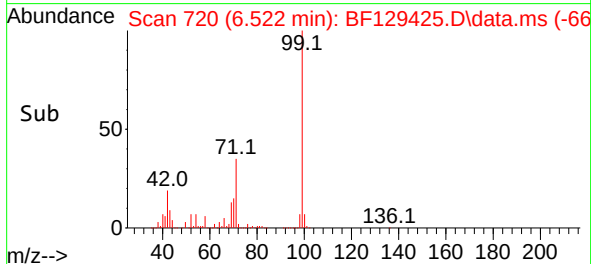
Instrument :
BNA_F
ClientSampleId :
RVE-19D



Tgt Ion: 99 Resp: 1302095
Ion Ratio Lower Upper
99 100
42 18.8 17.3 25.9
71 34.5 28.9 43.3

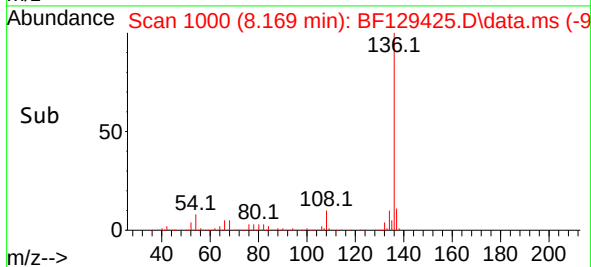
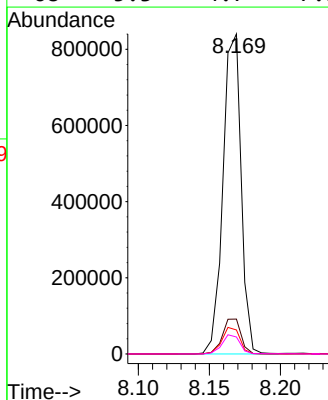
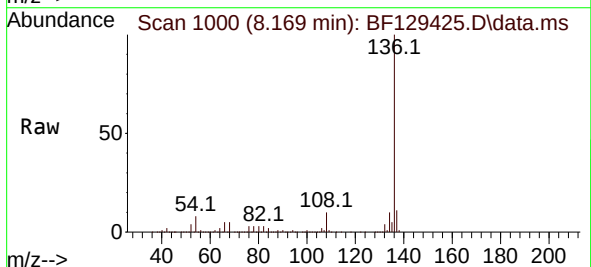
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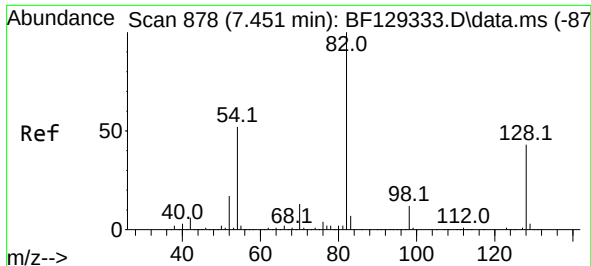
Reviewed By :Christian Giraldo 07/29/2022
Supervised By :Jagrut Upadhyay 07/29/2022



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1000
Delta R.T. 0.000 min
Lab File: BF129425.D
Acq: 29 Jul 2022 00:09

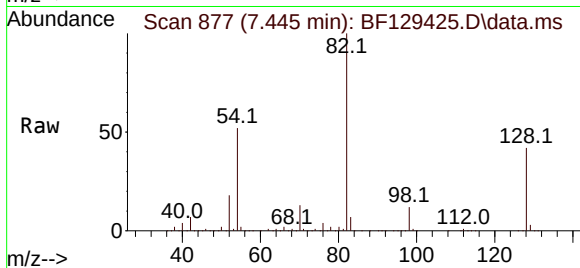
Tgt Ion:136 Resp: 745895
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 7.5 7.5 11.3#
68 5.3 4.7 7.1





#23
Nitrobenzene-d5
Concen: 60.079 ng
RT: 7.445 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF129425.D
Acq: 29 Jul 2022 00:09

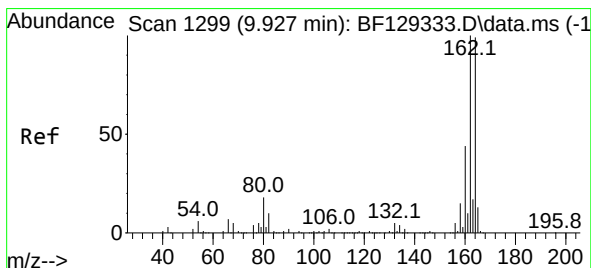
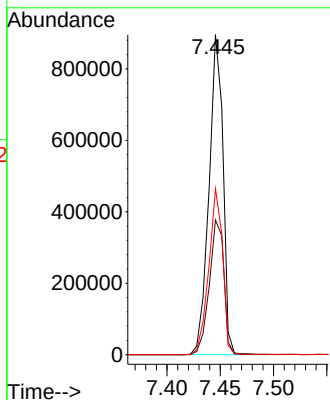
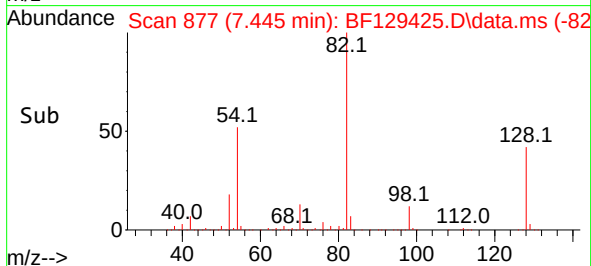
Instrument :
BNA_F
ClientSampleId :
RVE-19D



Tgt Ion: 82 Resp: 82092
Ion Ratio Lower Upper
82 100
128 42.1 34.0 51.0
54 51.9 46.9 70.3

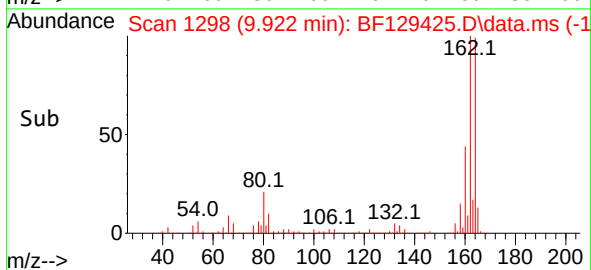
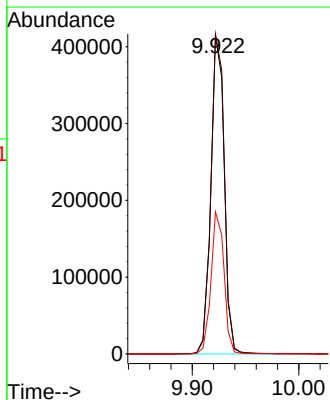
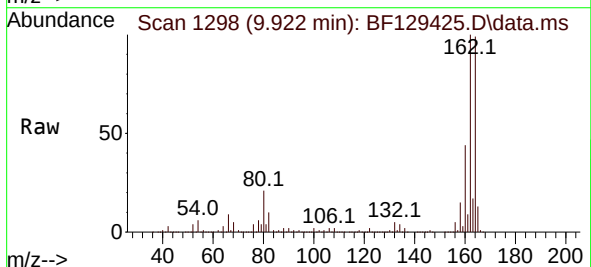
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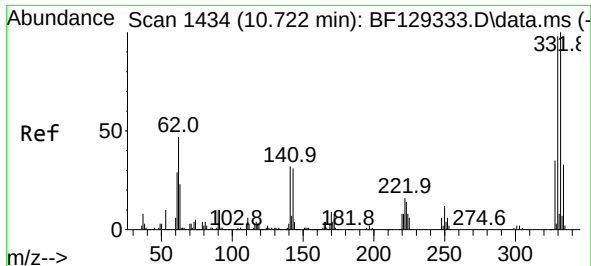
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1298
Delta R.T. -0.006 min
Lab File: BF129425.D
Acq: 29 Jul 2022 00:09

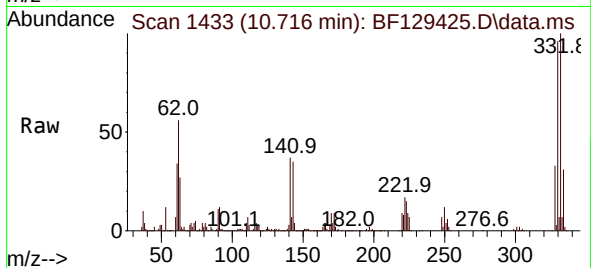
Tgt Ion:164 Resp: 358834
Ion Ratio Lower Upper
164 100
162 100.5 79.5 119.3
160 44.6 34.2 51.4





#42
2,4,6-Tribromophenol
Concen: 78.471 ng
RT: 10.716 min Scan# 1433
Delta R.T. -0.006 min
Lab File: BF129425.D
Acq: 29 Jul 2022 00:09

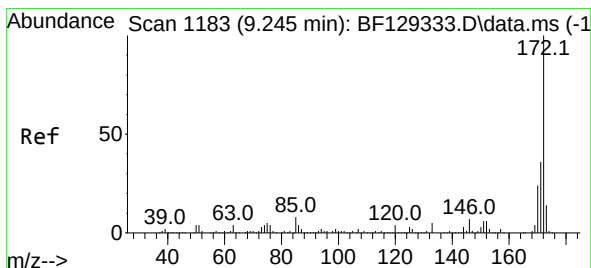
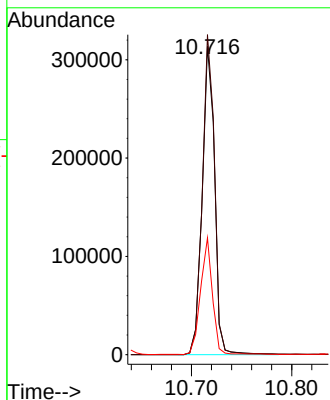
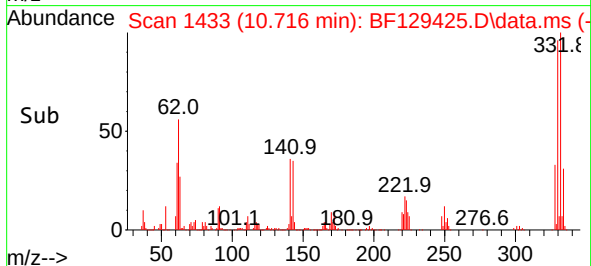
Instrument :
BNA_F
ClientSampleId :
RVE-19D



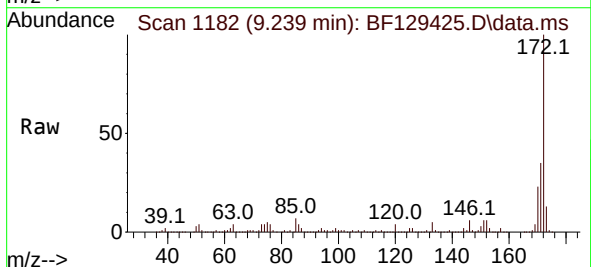
Tgt Ion: 330 Resp: 270720
Ion Ratio Lower Upper
330 100
332 102.7 76.8 115.2
141 36.6 28.0 42.0

Manual Integrations
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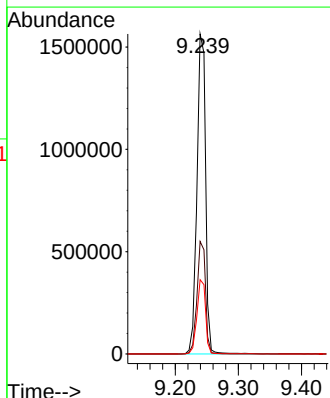
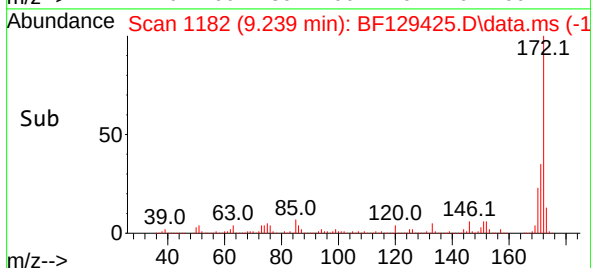
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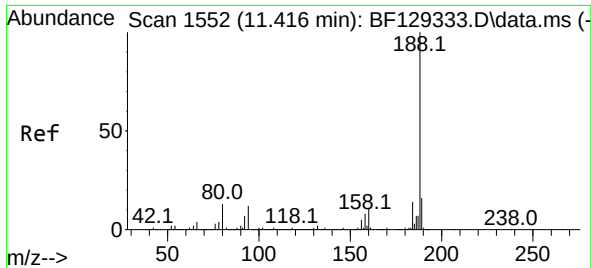


#45
2-Fluorobiphenyl
Concen: 63.819 ng
RT: 9.239 min Scan# 1182
Delta R.T. -0.006 min
Lab File: BF129425.D
Acq: 29 Jul 2022 00:09



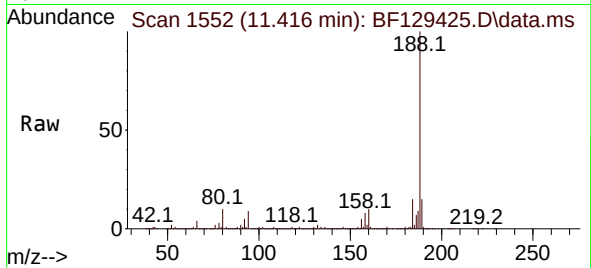
Tgt Ion: 172 Resp: 1480362
Ion Ratio Lower Upper
172 100
171 35.2 28.8 43.2
170 23.2 19.8 29.8





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.416 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF129425.D
Acq: 29 Jul 2022 00:09

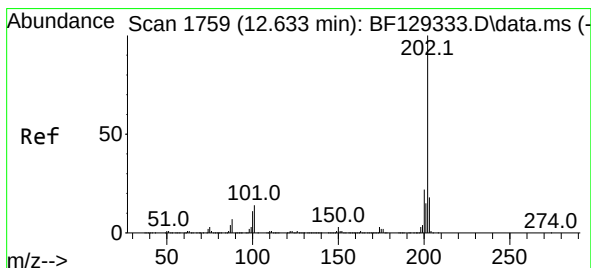
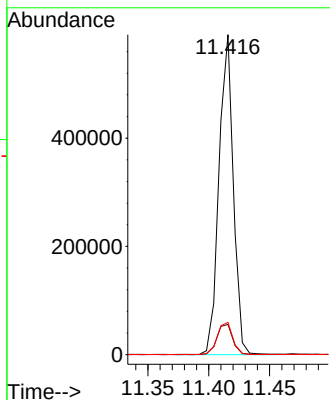
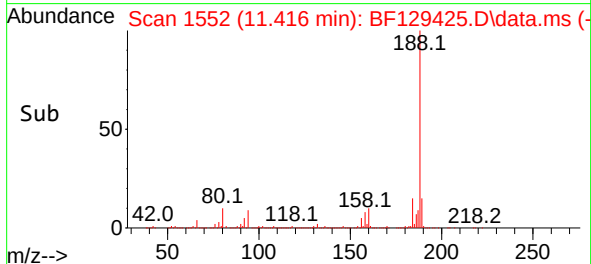
Instrument :
BNA_F
ClientSampleId :
RVE-19D



Tgt Ion:188 Resp: 487110
Ion Ratio Lower Upper
188 100
94 9.4 7.0 10.6
80 10.1 7.6 11.4

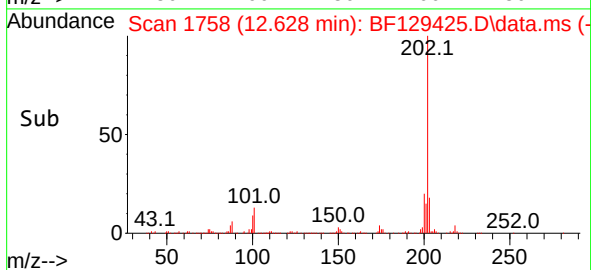
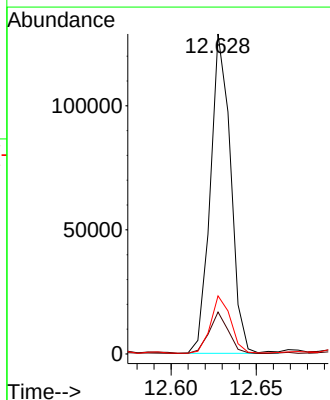
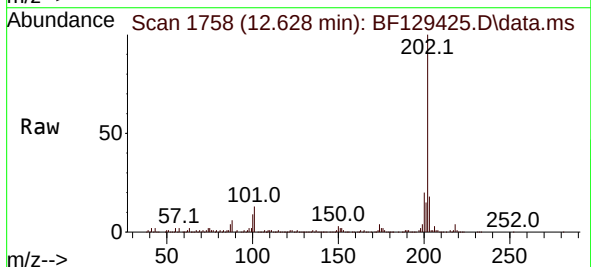
Manual Integrations
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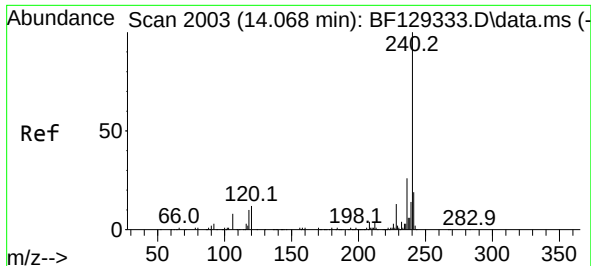
Reviewed By :Christian Giraldo 07/29/2022
Supervised By :Jagrut Upadhyay 07/29/2022



#75
Fluoranthene
Concen: 3.961 ng
RT: 12.628 min Scan# 1758
Delta R.T. -0.006 min
Lab File: BF129425.D
Acq: 29 Jul 2022 00:09

Tgt Ion:202 Resp: 106705
Ion Ratio Lower Upper
202 100
101 13.1 0.0 31.4
203 18.1 0.0 38.0





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.063 min Scan# 2003

Delta R.T. -0.006 min

Lab File: BF129425.D

Acq: 29 Jul 2022 00:09

Instrument :

BNA_F

ClientSampleId :

RVE-19D

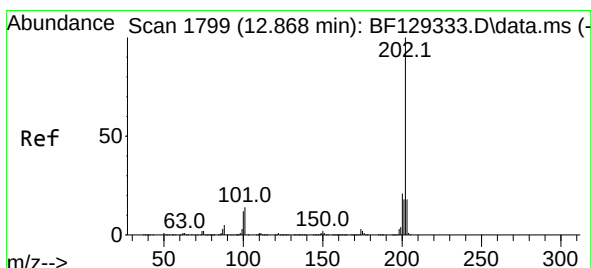
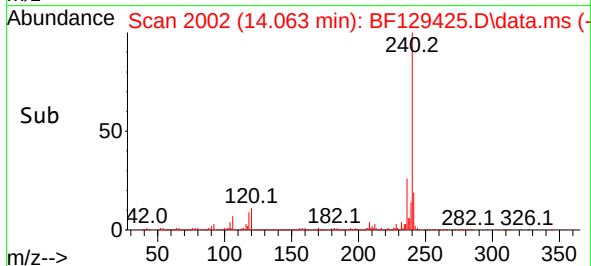
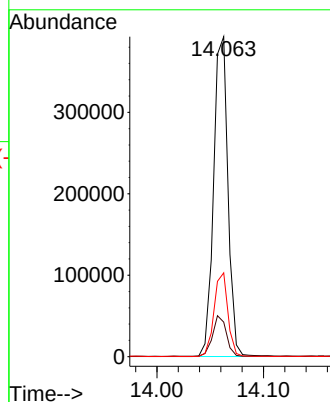
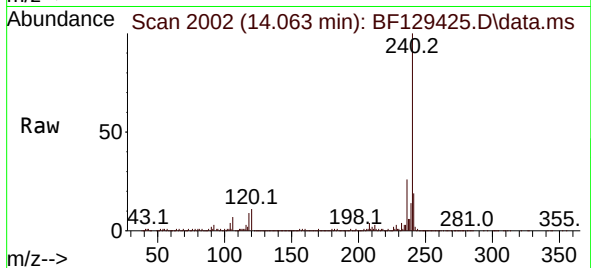
Tgt Ion:240 Resp: 369239
 Ion Ratio Lower Upper
 240 100
 120 10.8 8.9 13.3
 236 26.2 20.8 31.2

Manual Integrations

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Supervised By :Jagrut Upadhyay 07/29/2022



#78

Pyrene

Concen: 4.965 ng

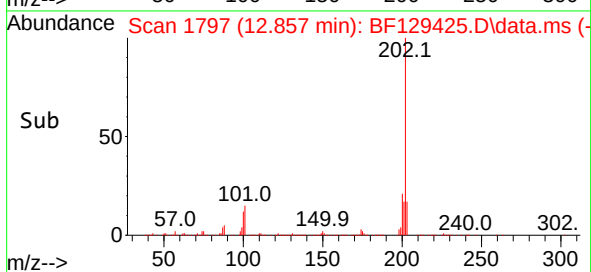
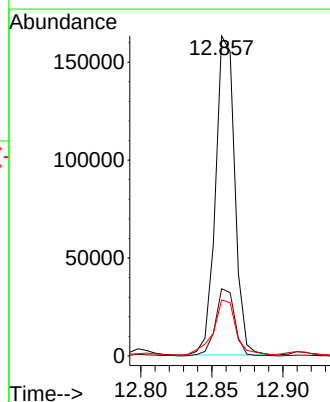
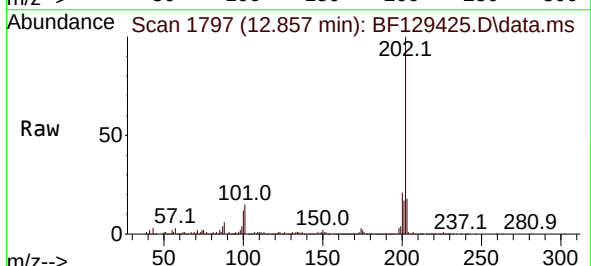
RT: 12.857 min Scan# 1797

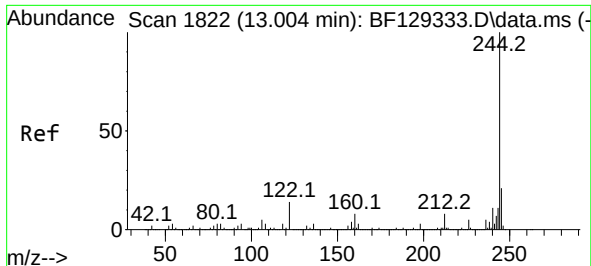
Delta R.T. -0.012 min

Lab File: BF129425.D

Acq: 29 Jul 2022 00:09

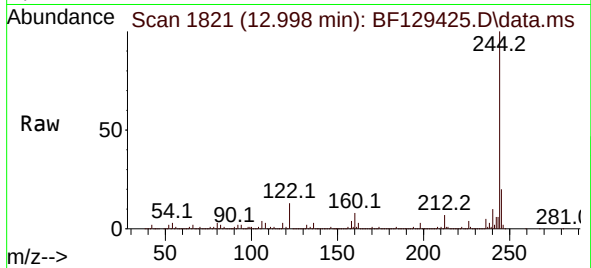
Tgt Ion:202 Resp: 153294
 Ion Ratio Lower Upper
 202 100
 200 21.0 17.7 26.5
 203 17.5 14.6 21.8





#79
 Terphenyl-d14
 Concen: 57.310 ng
 RT: 12.998 min Scan# 1822
 Delta R.T. -0.006 min
 Lab File: BF129425.D
 Acq: 29 Jul 2022 00:09

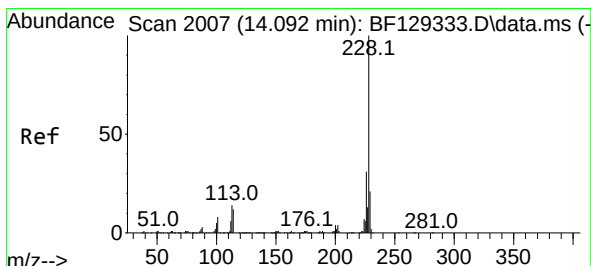
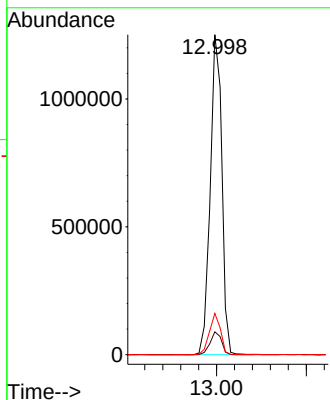
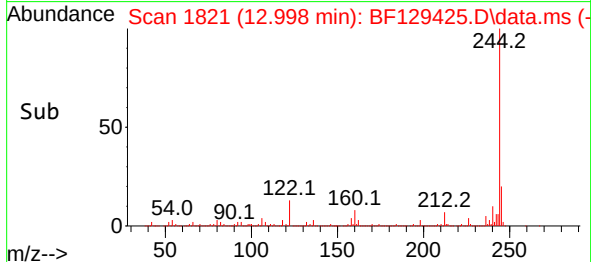
Instrument :
 BNA_F
 ClientSampleId :
 RVE-19D



Tgt Ion:244 Resp: 1121659
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.1 9.1
 122 12.9 8.8 13.2

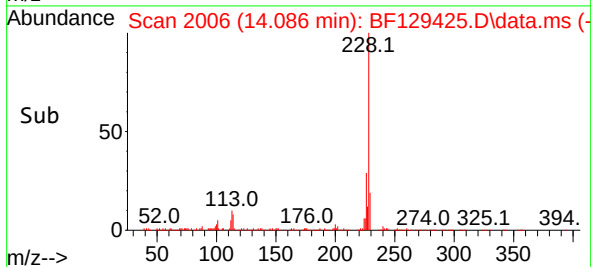
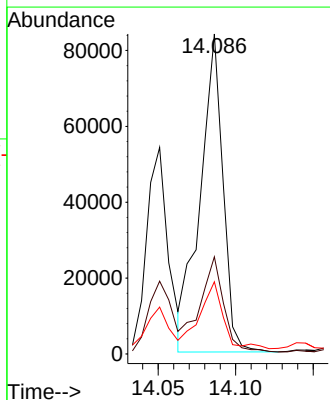
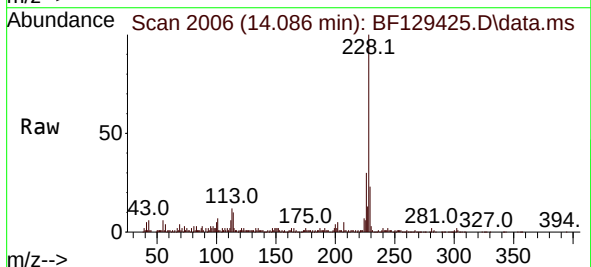
Manual Integrations
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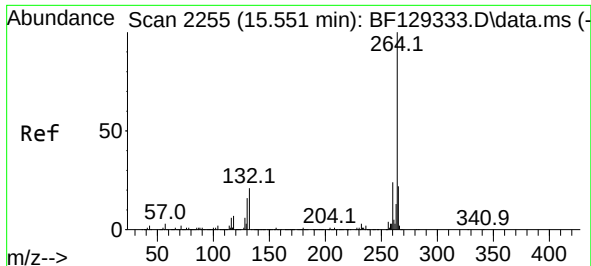
Reviewed By :Christian Giraldo 07/29/2022
 Supervised By :Jagrut Upadhyay 07/29/2022



#83
 Chrysene
 Concen: 3.622 ng
 RT: 14.086 min Scan# 2006
 Delta R.T. -0.006 min
 Lab File: BF129425.D
 Acq: 29 Jul 2022 00:09

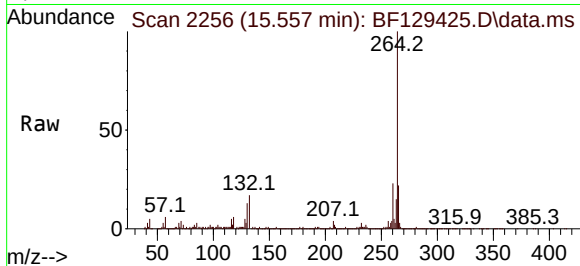
Tgt Ion:228 Resp: 86100
 Ion Ratio Lower Upper
 228 100
 226 30.3 24.3 36.5
 229 22.5 15.9 23.9





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.557 min Scan# 2180
Delta R.T. 0.006 min
Lab File: BF129425.D
Acq: 29 Jul 2022 00:09

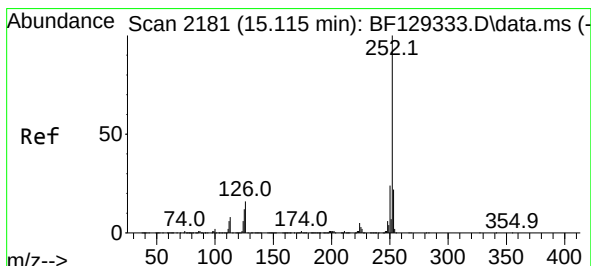
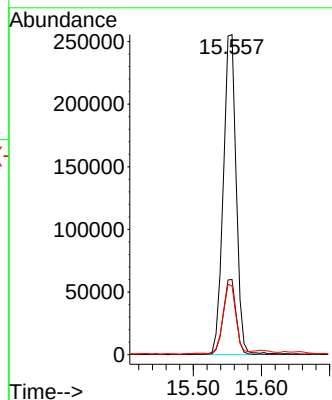
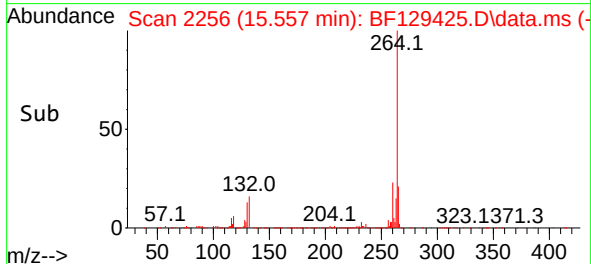
Instrument :
BNA_F
ClientSampleId :
RVE-19D



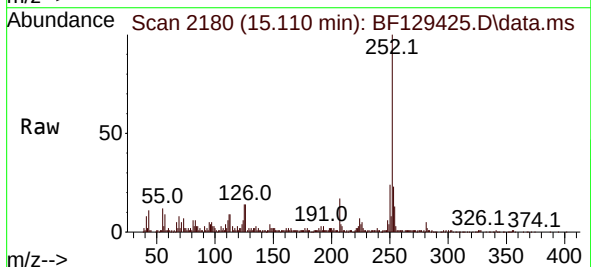
Tgt Ion:264 Resp: 33644
Ion Ratio Lower Upper
264 100
260 23.5 18.4 27.6
265 21.5 17.2 25.8

Manual Integrations
APPROVED

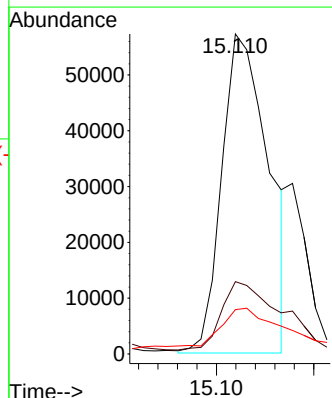
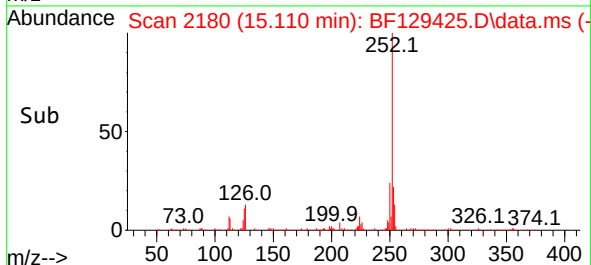
Reviewed By :Christian Giraldo 07/29/2022
Supervised By :Jagrut Upadhyay 07/29/2022

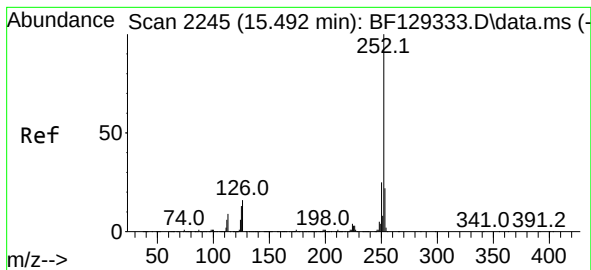


#88
Benzo(b)fluoranthene
Concen: 4.281 ng m
RT: 15.110 min Scan# 2180
Delta R.T. -0.006 min
Lab File: BF129425.D
Acq: 29 Jul 2022 00:09



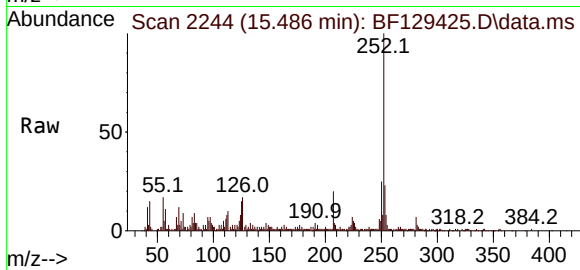
Tgt Ion:252 Resp: 95550
Ion Ratio Lower Upper
252 100
253 22.6 17.7 26.5
125 13.9 8.0 12.0#





#90
Benzo(a)pyrene
Concen: 3.290 ng
RT: 15.486 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF129425.D
Acq: 29 Jul 2022 00:09

Instrument :
BNA_F
ClientSampleId :
RVE-19D



Tgt Ion:252 Resp: 59604
Ion Ratio Lower Upper
252 100
253 23.4 17.0 25.6
125 15.4 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 07/29/2022
Supervised By :Jagrut Upadhyay 07/29/2022

