

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072822\
 Data File : BF129418.D
 Acq On : 28 Jul 2022 20:18
 Operator : CG\JU
 Sample : N3894-16
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RVE-35

Manual Integrations
 APPROVED

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

Quant Time: Jul 29 02:09:26 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	209831	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	847641	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	440014	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	647008	20.000	ng	# 0.00
76) Chrysene-d12	14.057	240	361004	20.000	ng	-0.01
86) Perylene-d12	15.551	264	394493	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	1061918	82.441	ng	0.01
7) Phenol-d6	6.522	99	1346936	83.192	ng	0.00
23) Nitrobenzene-d5	7.445	82	905532	58.317	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	318051	75.182	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	1670722	58.737	ng	0.00
79) Terphenyl-d14	12.998	244	1220686	63.792	ng	0.00
Target Compounds						
75) Fluoranthene	12.627	202	99883	2.791	ng	Qvalue 99
78) Pyrene	12.857	202	103115	3.416	ng	98
88) Benzo(b)fluoranthene	15.110	252	57712m	2.205	ng	

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

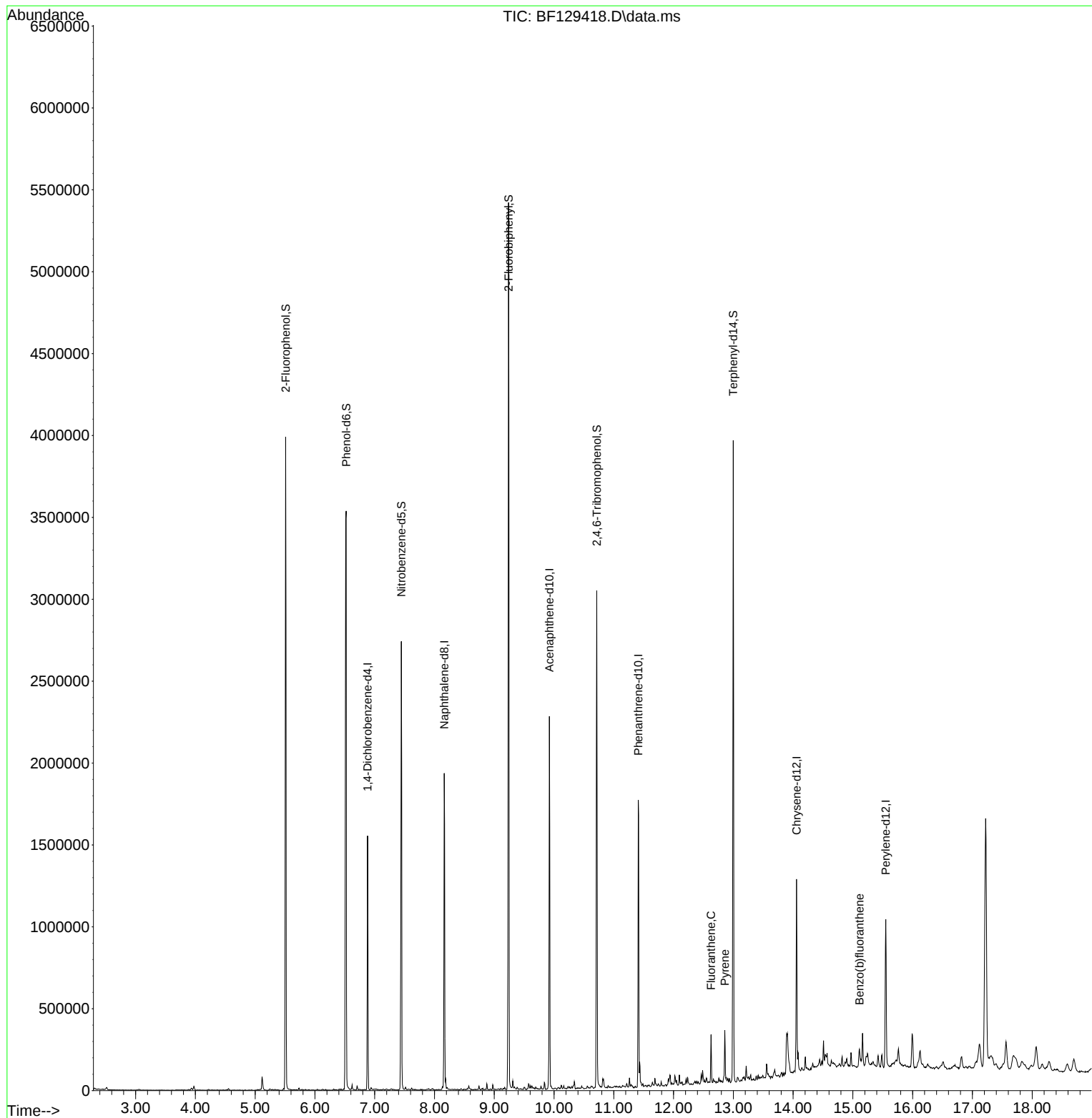
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072822\
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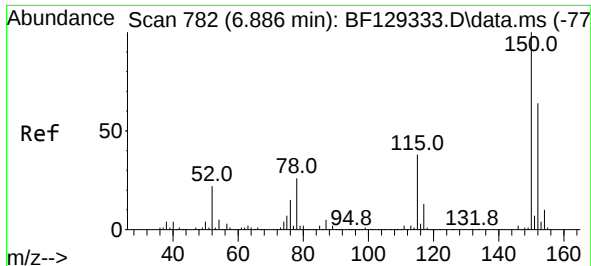
Instrument :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.M
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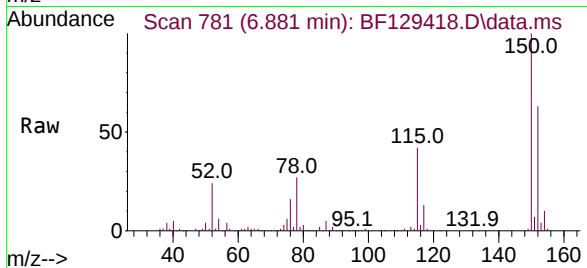
Reviewed By :Christian Giraldo 07/29/2022
Supervised By :Jagrut Upadhyay 07/29/2022





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 781
Delta R.T. -0.005 min
Lab File: BF129418.D
Acq: 28 Jul 2022 20:18

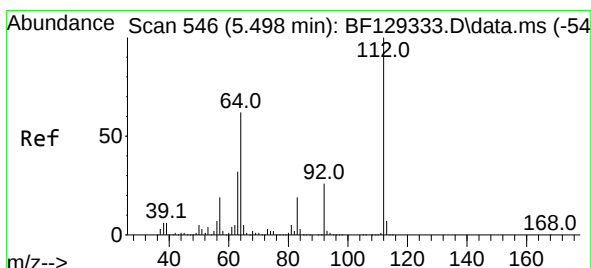
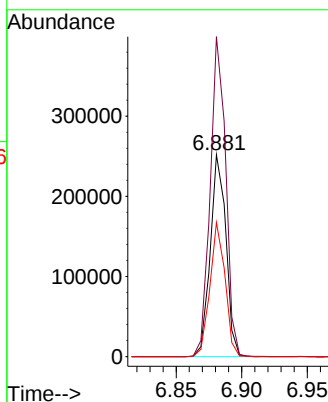
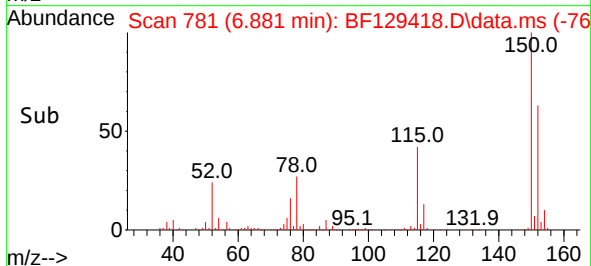
Instrument :
BNA_F
ClientSampleId :
RVE-35



Tgt Ion:152 Resp: 209831
Ion Ratio Lower Upper
152 100
150 158.5 123.7 185.5
115 66.5 49.9 74.9

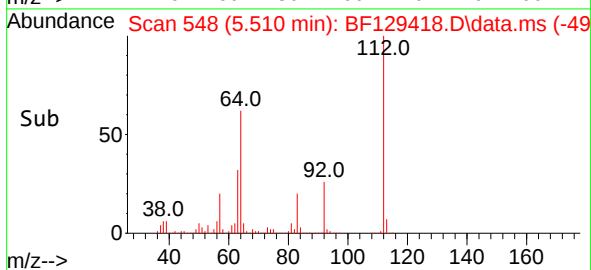
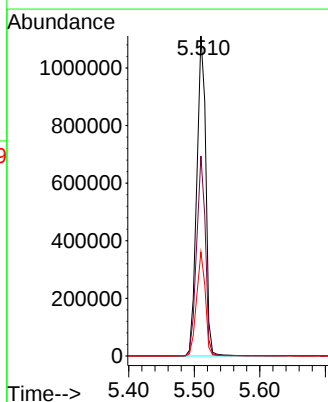
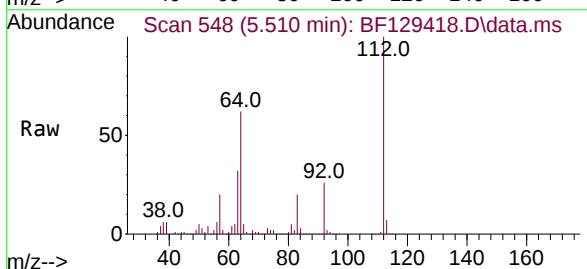
Manual Integrations
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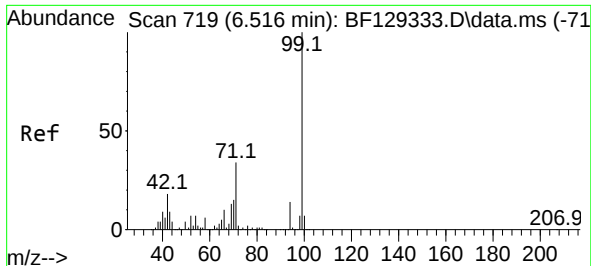
Reviewed By :Christian Giraldo 07/29/2022
Supervised By :Jagrut Upadhyay 07/29/2022



#5
2-Fluorophenol
Concen: 82.441 ng
RT: 5.510 min Scan# 548
Delta R.T. 0.012 min
Lab File: BF129418.D
Acq: 28 Jul 2022 20:18

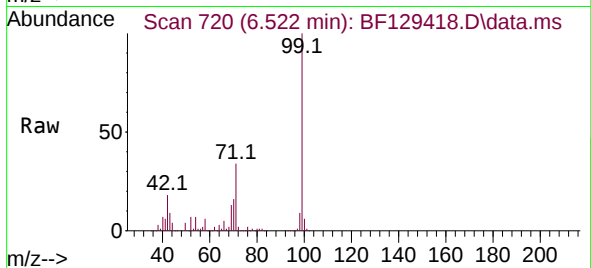
Tgt Ion:112 Resp: 1061918
Ion Ratio Lower Upper
112 100
64 62.5 53.3 79.9
63 32.5 28.0 42.0





#7
Phenol-d6
Concen: 83.192 ng
RT: 6.522 min Scan# 719
Delta R.T. 0.006 min
Lab File: BF129418.D
Acq: 28 Jul 2022 20:18

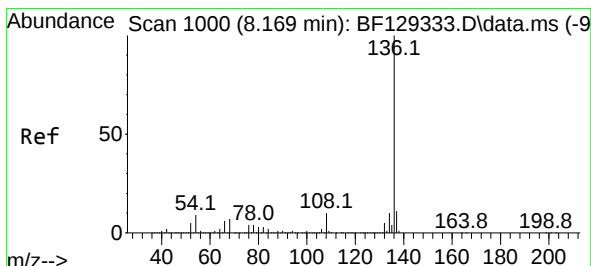
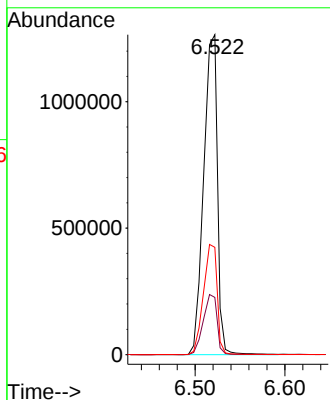
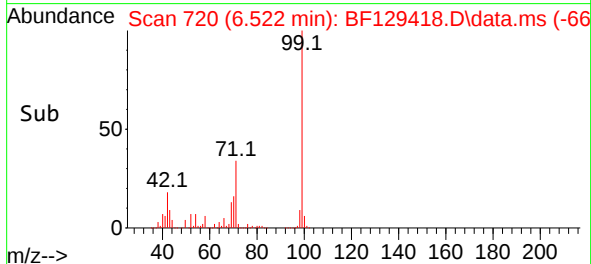
Instrument :
BNA_F
ClientSampleId :
RVE-35



Tgt Ion: 99 Resp: 1346936
Ion Ratio Lower Upper
99 100
42 17.9 17.3 25.9
71 33.5 28.9 43.3

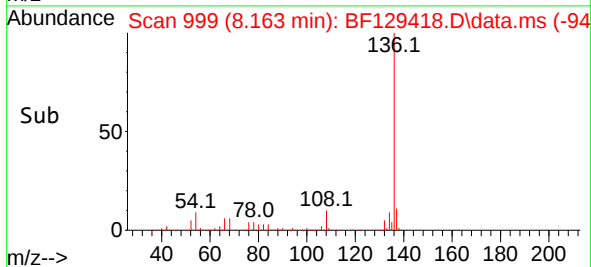
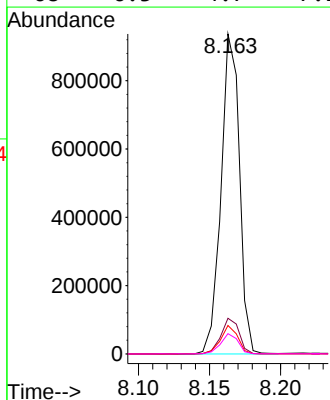
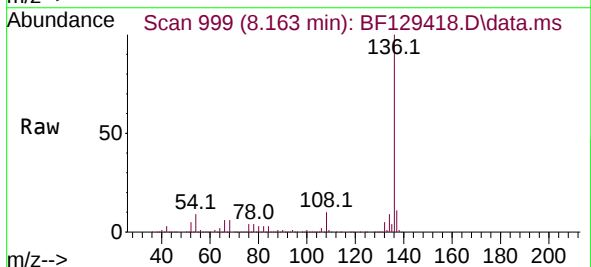
Manual Integrations
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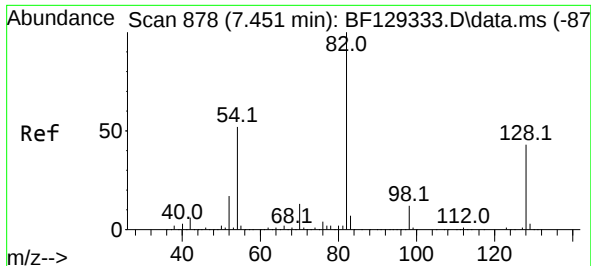
Reviewed By :Christian Giraldo 07/29/2022
Supervised By :Jagrut Upadhyay 07/29/2022



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 999
Delta R.T. -0.006 min
Lab File: BF129418.D
Acq: 28 Jul 2022 20:18

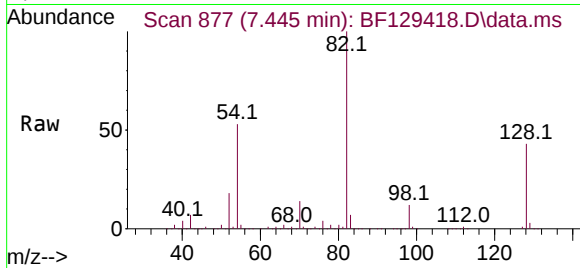
Tgt Ion:136 Resp: 847641
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 8.9 7.5 11.3
68 6.3 4.7 7.1





#23
Nitrobenzene-d5
Concen: 58.317 ng
RT: 7.445 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF129418.D
Acq: 28 Jul 2022 20:18

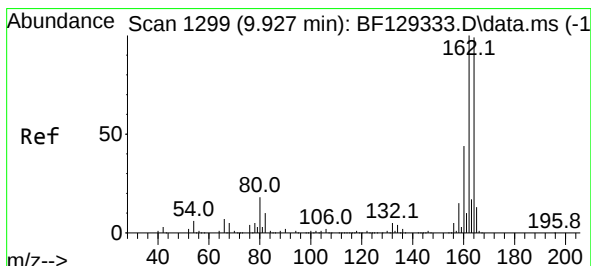
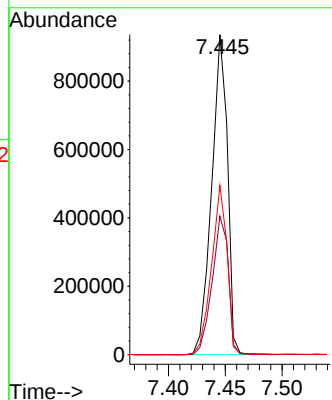
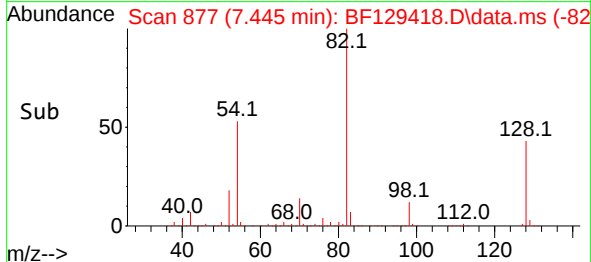
Instrument :
BNA_F
ClientSampleId :
RVE-35



Tgt Ion: 82 Resp: 905532
Ion Ratio Lower Upper
82 100
128 43.2 34.0 51.0
54 52.9 46.9 70.3

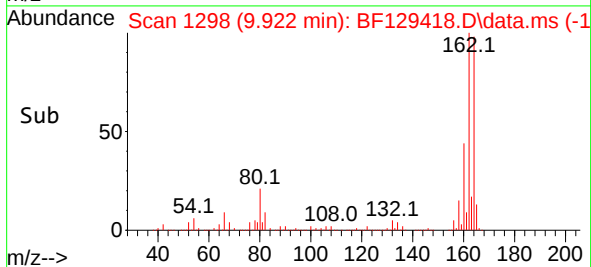
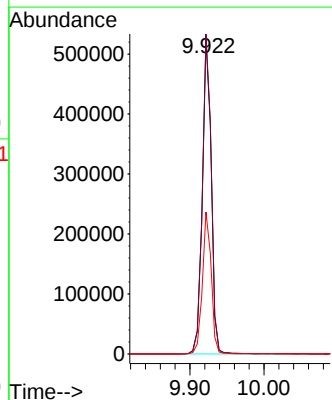
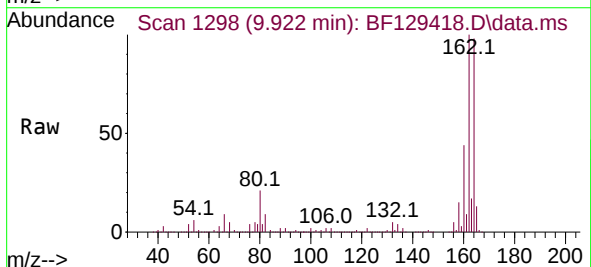
Manual Integrations
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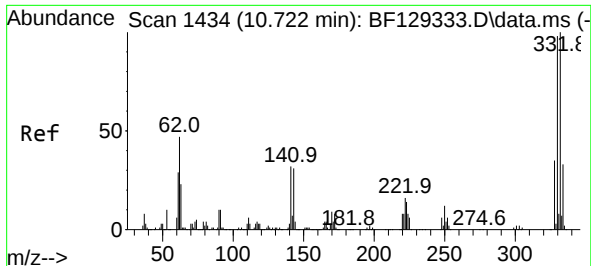
Reviewed By :Christian Giraldo 07/29/2022
Supervised By :Jagrut Upadhyay 07/29/2022



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1298
Delta R.T. -0.006 min
Lab File: BF129418.D
Acq: 28 Jul 2022 20:18

Tgt Ion:164 Resp: 440014
Ion Ratio Lower Upper
164 100
162 101.7 79.5 119.3
160 45.1 34.2 51.4





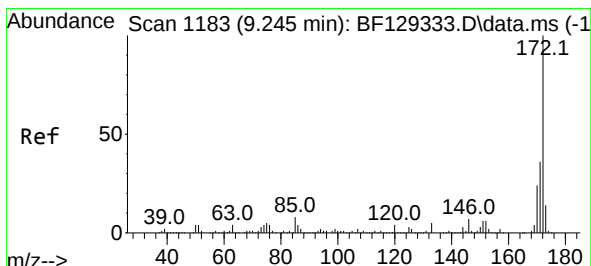
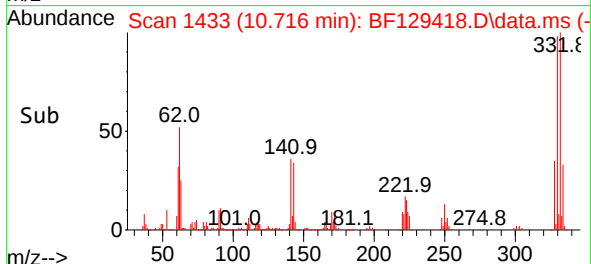
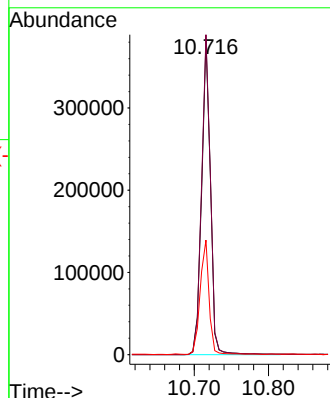
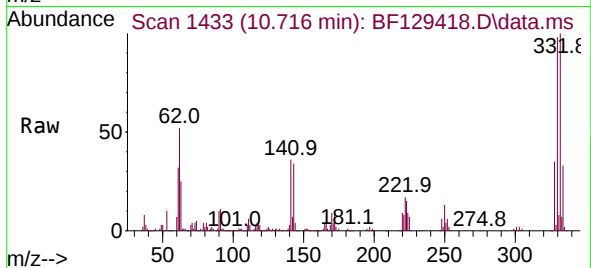
#42
2,4,6-Tribromophenol
Concen: 75.182 ng
RT: 10.716 min Scan# 1433
Delta R.T. -0.006 min
Lab File: BF129418.D
Acq: 28 Jul 2022 20:18

Instrument :
BNA_F
ClientSampleId :
RVE-35

Tgt Ion: 330 Resp: 31805
Ion Ratio Lower Upper
330 100
332 102.2 76.8 115.2
141 36.6 28.0 42.0

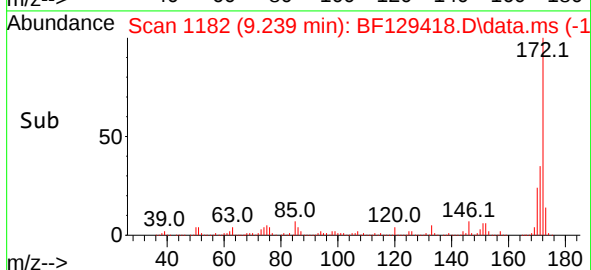
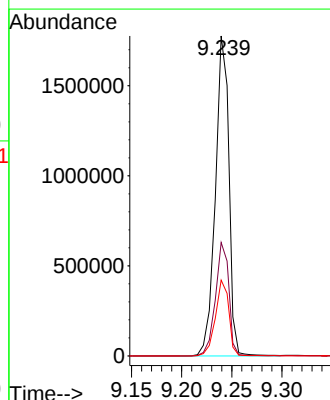
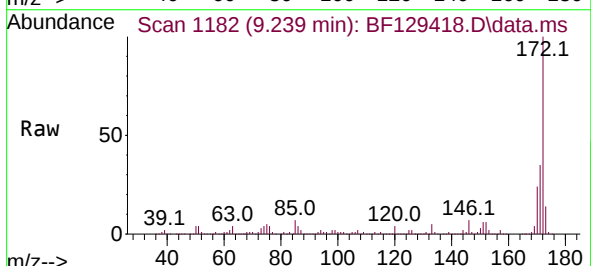
Manual Integrations
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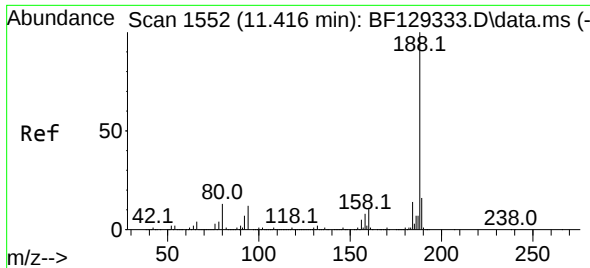
Reviewed By : Christian Giraldo 07/29/2022
Supervised By : Jagrut Upadhyay 07/29/2022



#45
2-Fluorobiphenyl
Concen: 58.737 ng
RT: 9.239 min Scan# 1182
Delta R.T. -0.006 min
Lab File: BF129418.D
Acq: 28 Jul 2022 20:18

Tgt Ion: 172 Resp: 1670722
Ion Ratio Lower Upper
172 100
171 35.4 28.8 43.2
170 23.7 19.8 29.8





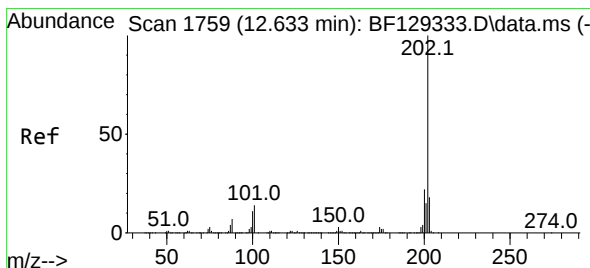
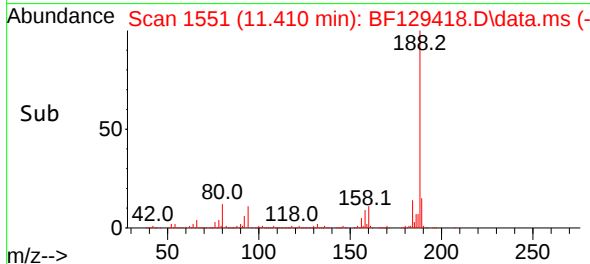
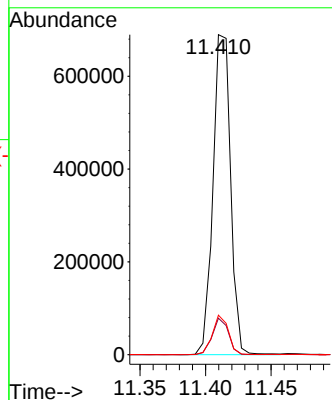
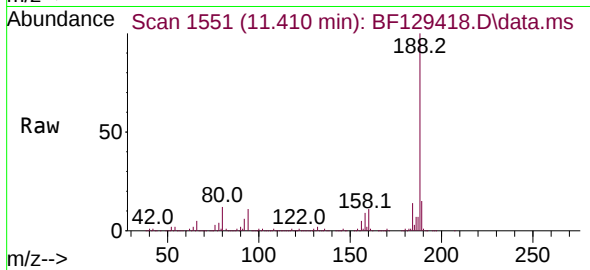
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF129418.D
Acq: 28 Jul 2022 20:18

Instrument :
BNA_F
ClientSampleId :
RVE-35

Tgt Ion:188 Resp: 647008
Ion Ratio Lower Upper
188 100
94 11.4 7.0 10.6
80 12.3 7.6 11.4

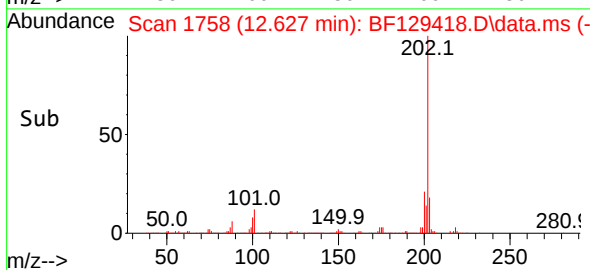
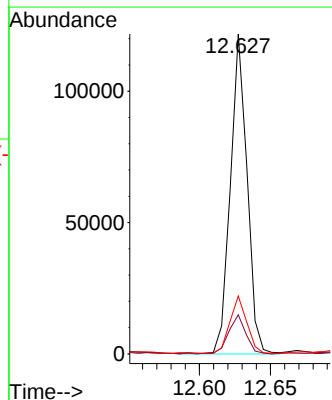
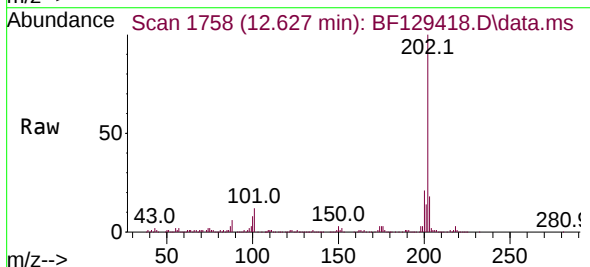
Manual Integrations
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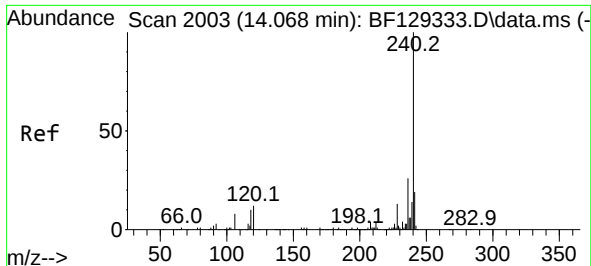
Reviewed By :Christian Giraldo 07/29/2022
Supervised By :Jagrut Upadhyay 07/29/2022



#75
Fluoranthene
Concen: 2.791 ng
RT: 12.627 min Scan# 1758
Delta R.T. -0.006 min
Lab File: BF129418.D
Acq: 28 Jul 2022 20:18

Tgt Ion:202 Resp: 99883
Ion Ratio Lower Upper
202 100
101 12.2 0.0 31.4
203 18.1 0.0 38.0





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.057 min Scan# 2003

Delta R.T. -0.012 min

Lab File: BF129418.D

Acq: 28 Jul 2022 20:18

Instrument :

BNA_F

ClientSampleId :

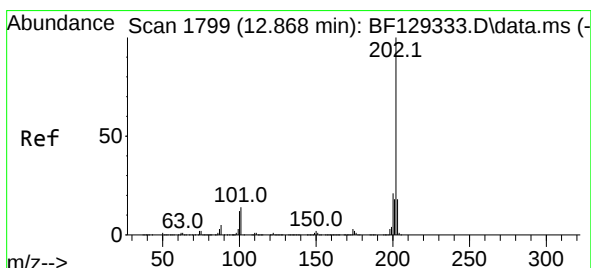
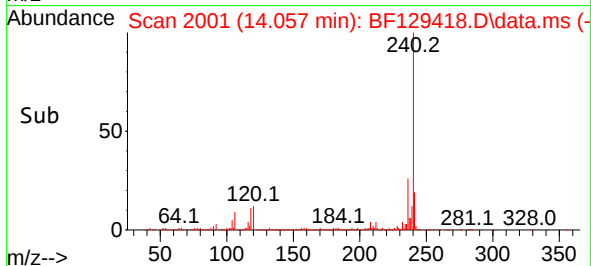
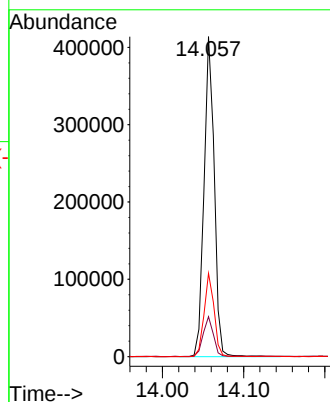
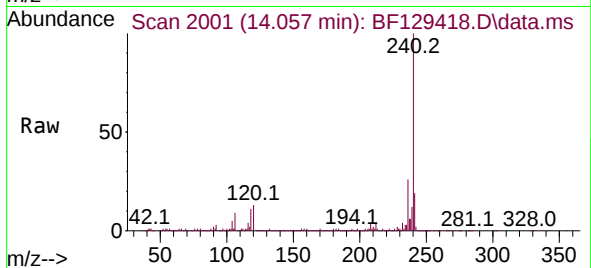
RVE-35

Tgt Ion:240 Resp: 361004
 Ion Ratio Lower Upper
 240 100
 120 12.5 8.9 13.3
 236 26.0 20.8 31.2

Manual Integrations

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 Supervised By :Jagrut Upadhyay 07/29/2022



#78

Pyrene

Concen: 3.416 ng

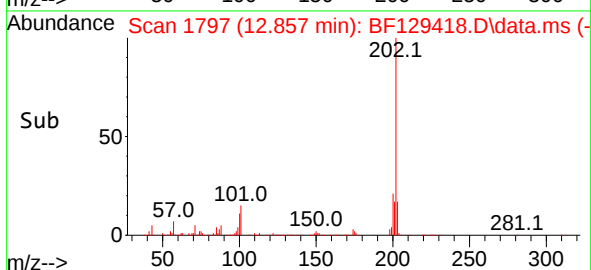
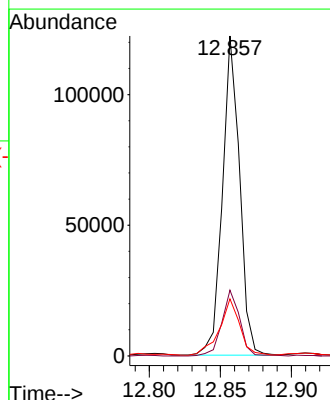
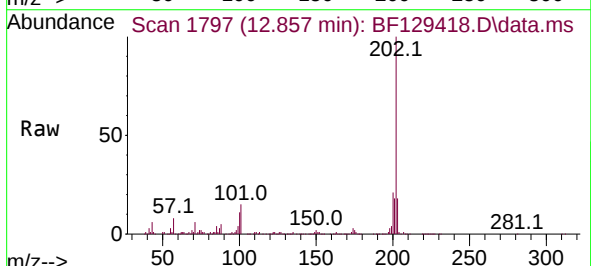
RT: 12.857 min Scan# 1797

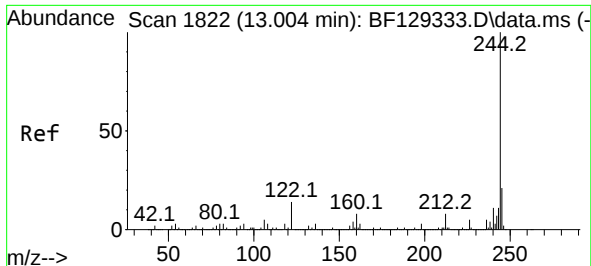
Delta R.T. -0.012 min

Lab File: BF129418.D

Acq: 28 Jul 2022 20:18

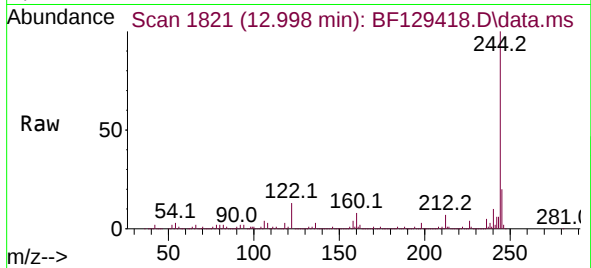
Tgt Ion:202 Resp: 103115
 Ion Ratio Lower Upper
 202 100
 200 20.5 17.7 26.5
 203 17.8 14.6 21.8





#79
Terphenyl-d14
Concen: 63.792 ng
RT: 12.998 min Scan# 1821
Delta R.T. -0.006 min
Lab File: BF129418.D
Acq: 28 Jul 2022 20:18

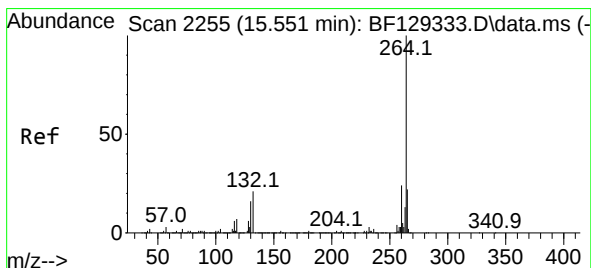
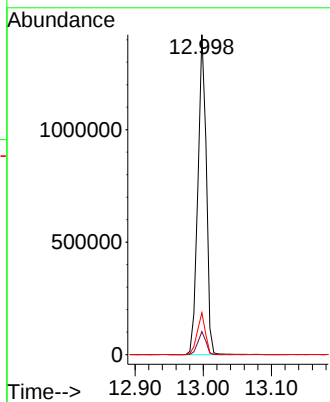
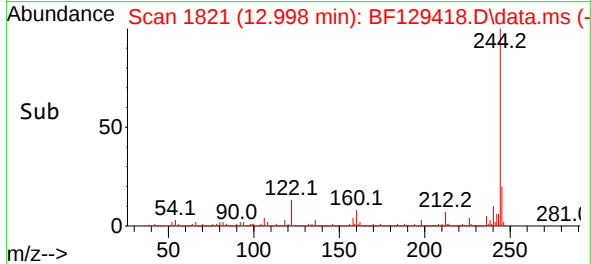
Instrument :
BNA_F
ClientSampleId :
RVE-35



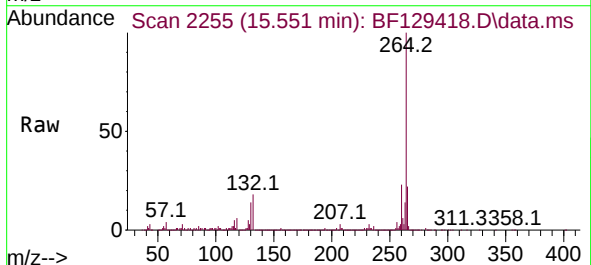
Tgt Ion:244 Resp: 1220686
Ion Ratio Lower Upper
244 100
212 7.2 6.1 9.1
122 13.1 8.8 13.2

Manual Integrations
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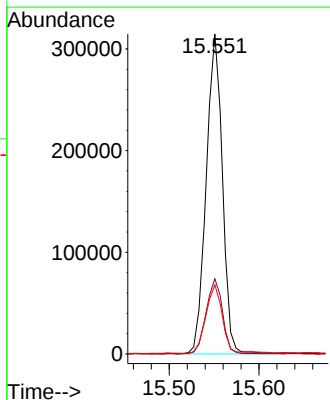
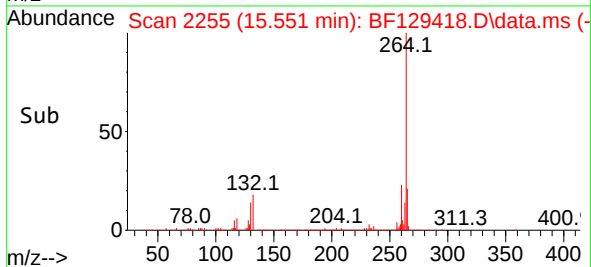
Reviewed By :Christian Giraldo 07/29/2022
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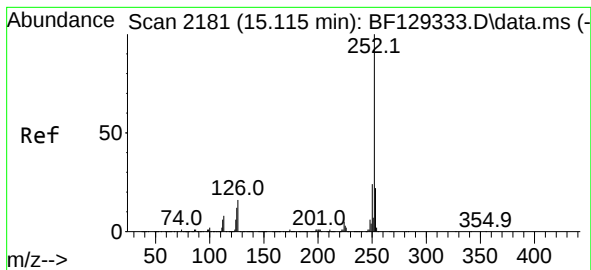


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.551 min Scan# 2255
Delta R.T. 0.000 min
Lab File: BF129418.D
Acq: 28 Jul 2022 20:18



Tgt Ion:264 Resp: 394493
Ion Ratio Lower Upper
264 100
260 23.5 18.4 27.6
265 21.6 17.2 25.8





#88

Benzo(b)fluoranthene

Concen: 2.205 ng m

RT: 15.110 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF129418.D

Acq: 28 Jul 2022 20:18

Instrument :

BNA_F

ClientSampleId :

RVE-35

Tgt Ion:252 Resp: 57712

Ion Ratio Lower Upper

252 100

253 22.1 17.7 26.5

125 13.1 8.0 12.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 07/29/2022

Supervised By :Jagrut Upadhyay 07/29/2022

