

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072922\
 Data File : BF129441.D
 Acq On : 29 Jul 2022 14:34
 Operator : CG\JU
 Sample : N3896-16
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RVE-73

Manual Integrations
 APPROVED

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

Quant Time: Jul 29 18:21:29 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	184427	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	736148	20.000	ng	0.00
39) Acenaphthene-d10	9.927	164	382077	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	628060	20.000	ng	# 0.00
76) Chrysene-d12	14.062	240	364993	20.000	ng	0.00
86) Perylene-d12	15.557	264	385156	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	1109290	97.981	ng	0.02
7) Phenol-d6	6.522	99	1434501	100.805	ng	0.00
23) Nitrobenzene-d5	7.451	82	912427	67.660	ng	0.00
42) 2,4,6-Tribromophenol	10.722	330	378146	102.942	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1629809	65.988	ng	0.00
79) Terphenyl-d14	13.004	244	1441070	74.486	ng	0.00
Target Compounds						
75) Fluoranthene	12.633	202	87111	2.508	ng	99
78) Pyrene	12.863	202	93958	3.078	ng	99
88) Benzo(b)fluoranthene	15.115	252	59659m	2.335	ng	

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

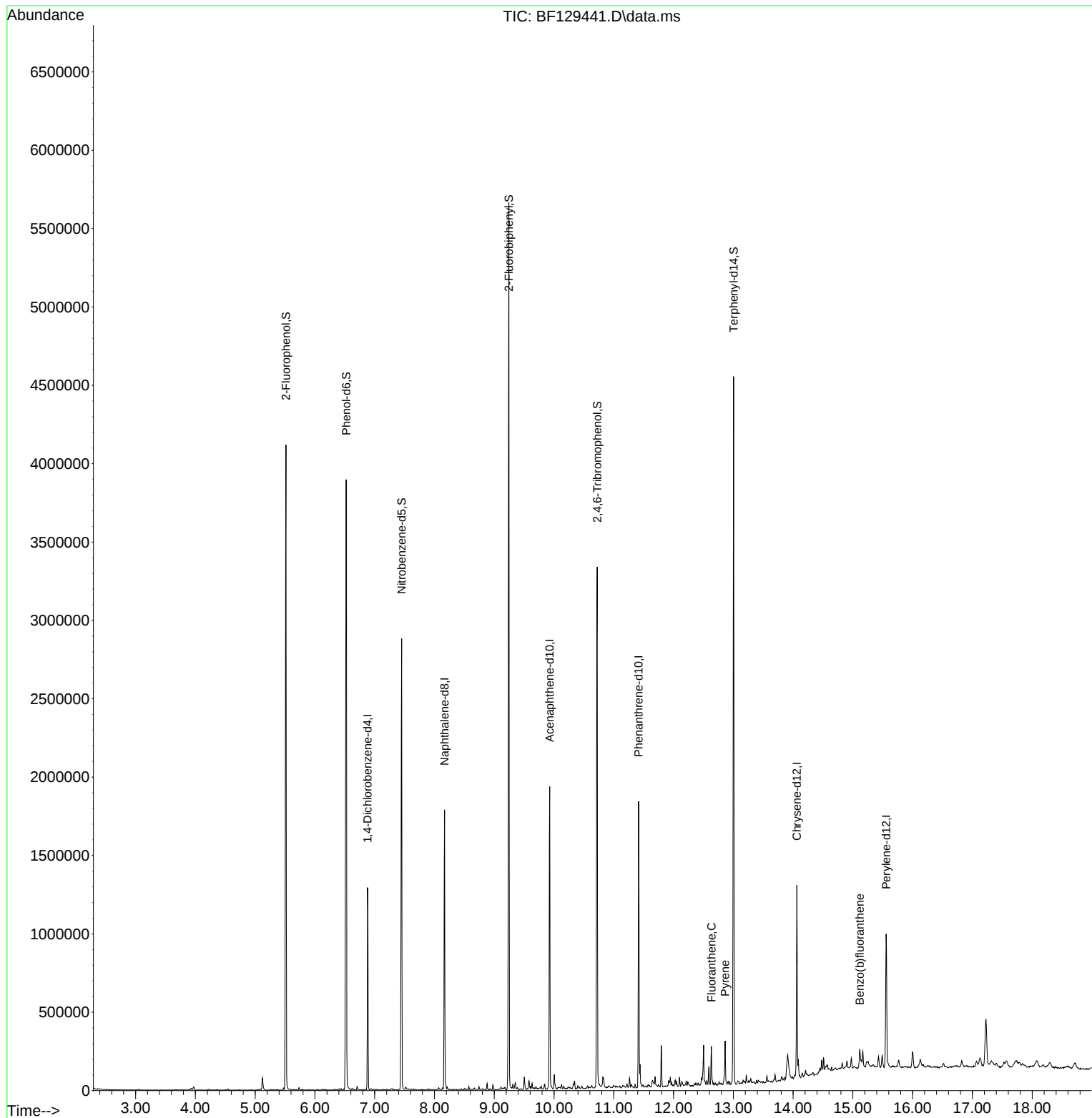
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072922\
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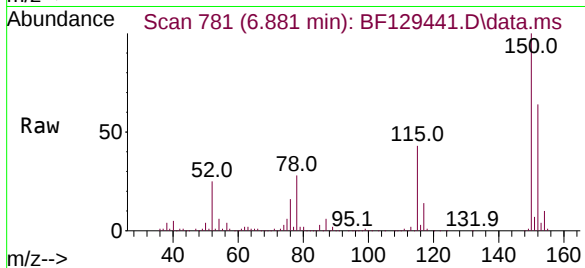
Reviewed By :Christian Giraldo 08/01/2022
Supervised By :Jagrut Upadhyay 08/01/2022





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 781
Delta R.T. -0.005 min
Lab File: BF129441.D
Acq: 29 Jul 2022 14:34

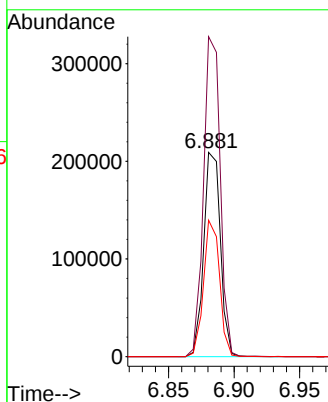
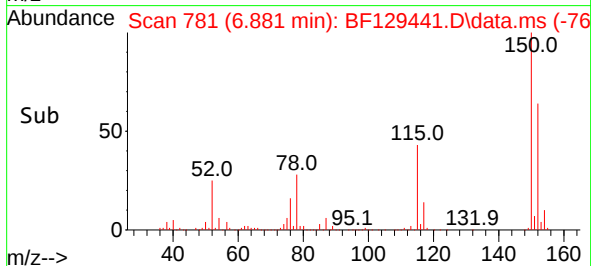
Instrument :
BNA_F
ClientSampleId :
RVE-73



Tgt Ion:152 Resp: 184427
Ion Ratio Lower Upper
152 100
150 156.7 123.7 185.5
115 66.8 49.9 74.9

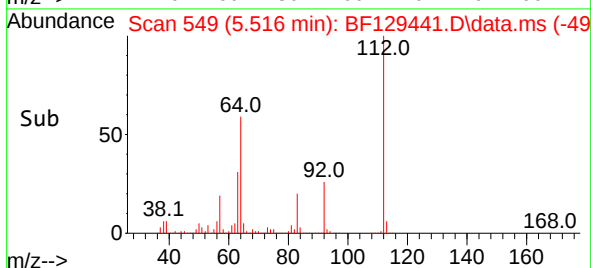
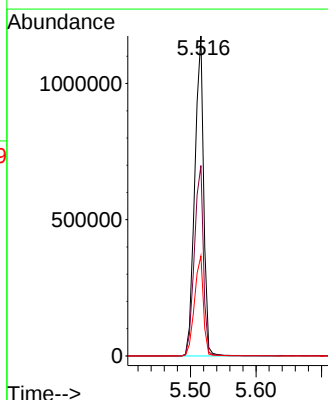
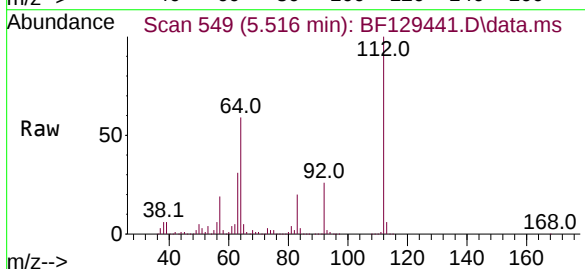
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#5
2-Fluorophenol
Concen: 97.981 ng
RT: 5.516 min Scan# 549
Delta R.T. 0.018 min
Lab File: BF129441.D
Acq: 29 Jul 2022 14:34

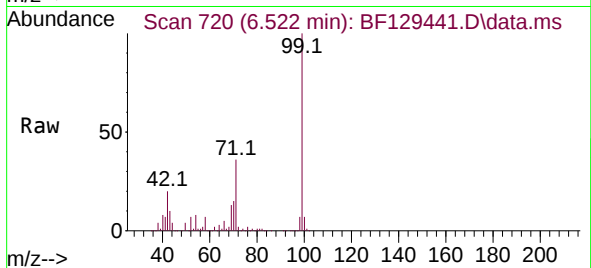
Tgt Ion:112 Resp: 1109290
Ion Ratio Lower Upper
112 100
64 59.5 53.3 79.9
63 31.2 28.0 42.0





#7
Phenol-d6
Concen: 100.805 ng
RT: 6.522 min Scan# 719
Delta R.T. 0.006 min
Lab File: BF129441.D
Acq: 29 Jul 2022 14:34

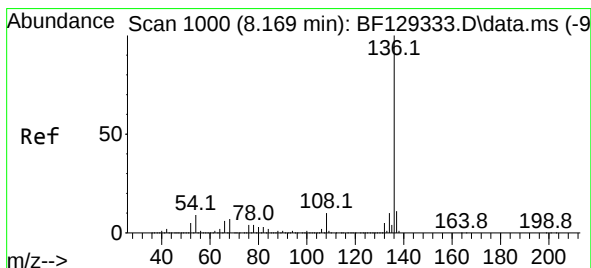
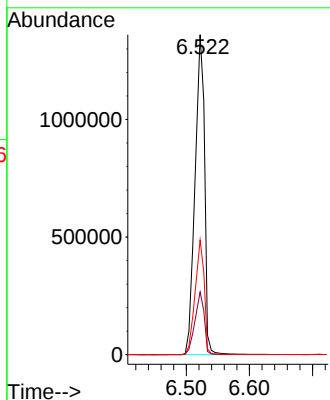
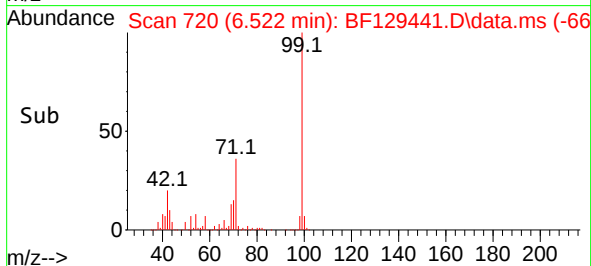
Instrument :
BNA_F
ClientSampleId :
RVE-73



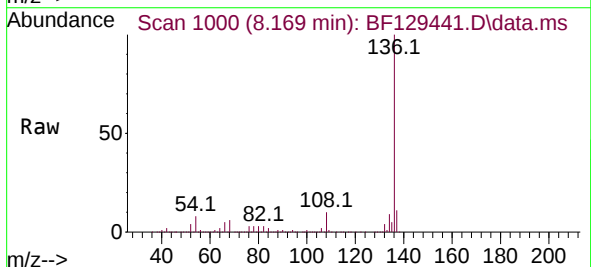
Tgt Ion: 99 Resp: 1434501
Ion Ratio Lower Upper
99 100
42 19.6 17.3 25.9
71 35.9 28.9 43.3

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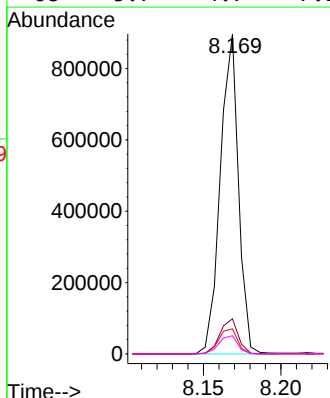
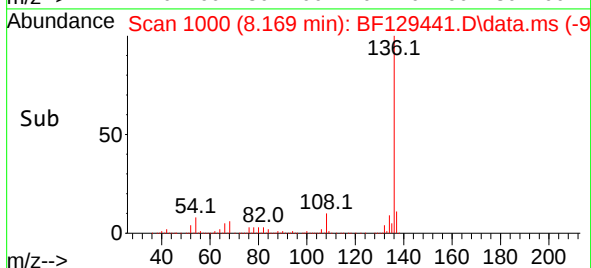
Reviewed By :Christian Giraldo 08/01/2022
Supervised By :Jagrut Upadhyay 08/01/2022

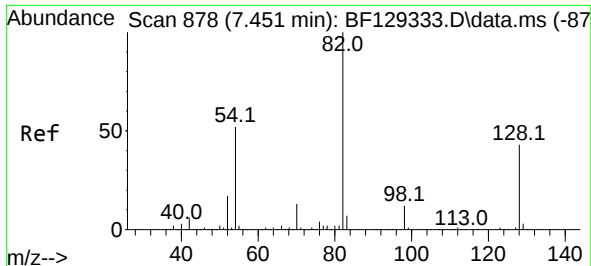


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1000
Delta R.T. -0.000 min
Lab File: BF129441.D
Acq: 29 Jul 2022 14:34



Tgt Ion:136 Resp: 736148
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 7.8 7.5 11.3
68 5.7 4.7 7.1





#23

Nitrobenzene-d5

Concen: 67.660 ng

RT: 7.451 min Scan# 81

Delta R.T. -0.000 min

Lab File: BF129441.D

Acq: 29 Jul 2022 14:34

Instrument :

BNA_F

ClientSampleId :

RVE-73

Tgt Ion: 82 Resp: 91242

Ion Ratio Lower Upper

82 100

128 44.6 34.0 51.0

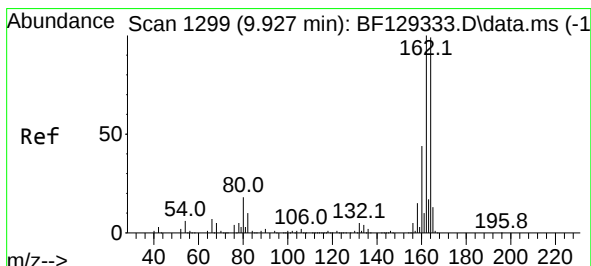
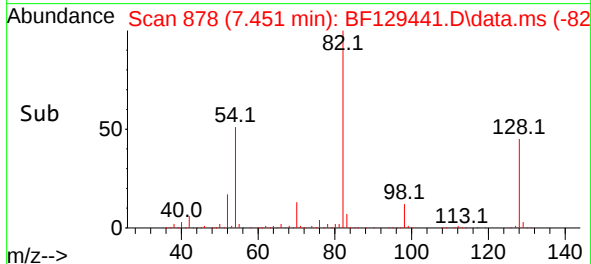
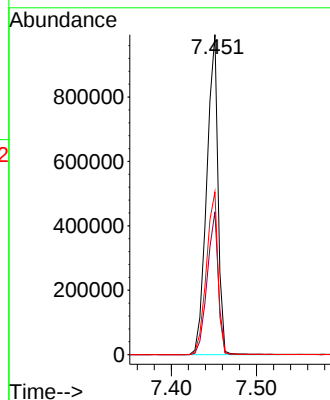
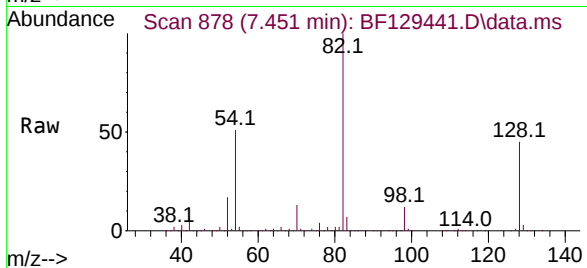
54 50.8 46.9 70.3

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#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.927 min Scan# 1299

Delta R.T. -0.000 min

Lab File: BF129441.D

Acq: 29 Jul 2022 14:34

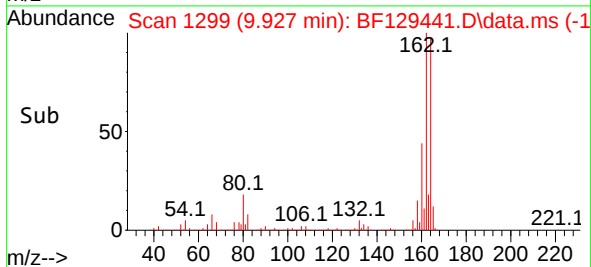
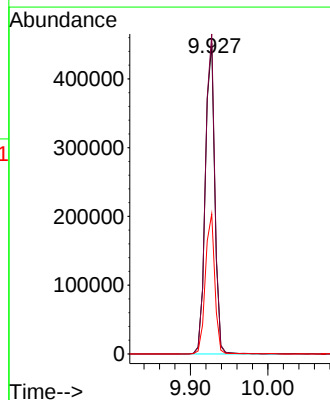
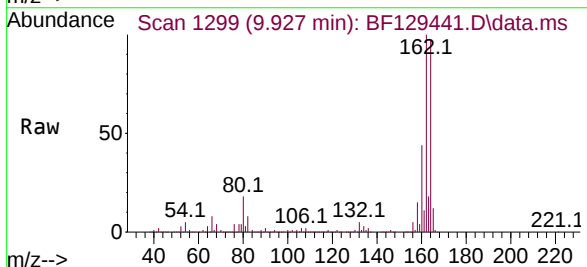
Tgt Ion:164 Resp: 382077

Ion Ratio Lower Upper

164 100

162 103.1 79.5 119.3

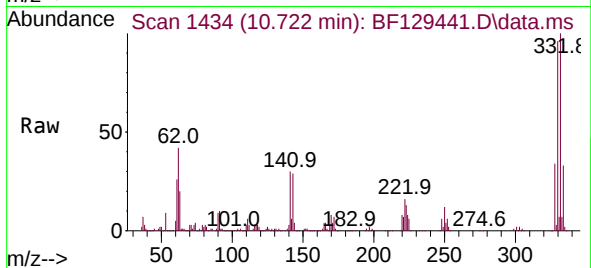
160 45.1 34.2 51.4





#42
2,4,6-Tribromophenol
Concen: 102.942 ng
RT: 10.722 min Scan# 1434
Delta R.T. -0.000 min
Lab File: BF129441.D
Acq: 29 Jul 2022 14:34

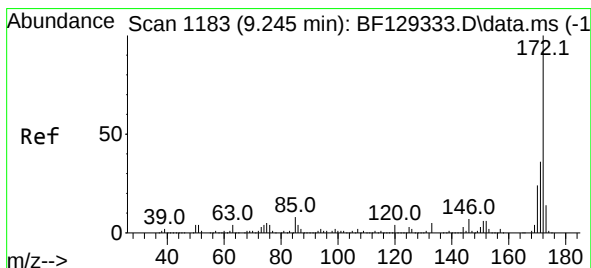
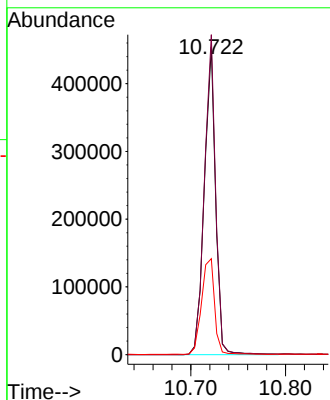
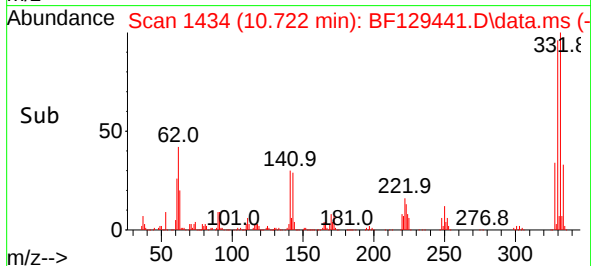
Instrument :
BNA_F
ClientSampleId :
RVE-73



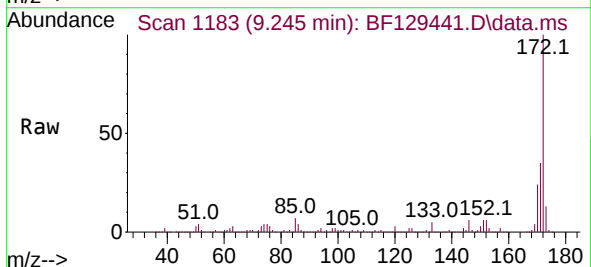
Tgt Ion: 330 Resp: 378146
Ion Ratio Lower Upper
330 100
332 103.0 76.8 115.2
141 35.8 28.0 42.0

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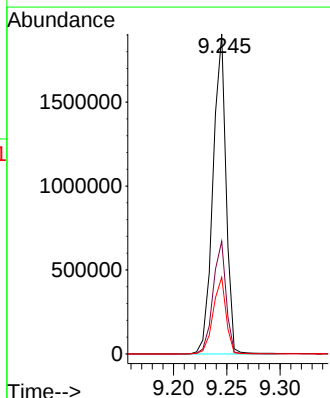
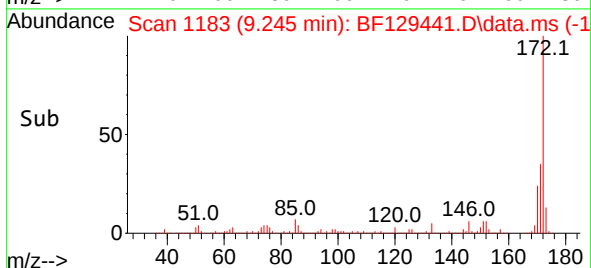
Reviewed By : Christian Giraldo 08/01/2022
Supervised By : Jagrut Upadhyay 08/01/2022

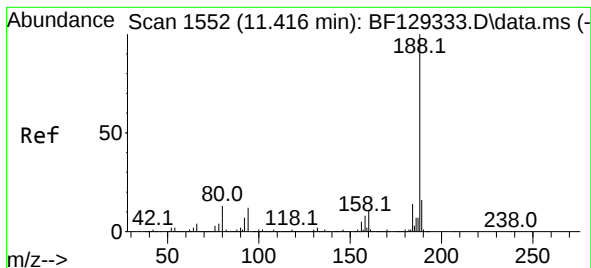


#45
2-Fluorobiphenyl
Concen: 65.988 ng
RT: 9.245 min Scan# 1183
Delta R.T. -0.000 min
Lab File: BF129441.D
Acq: 29 Jul 2022 14:34



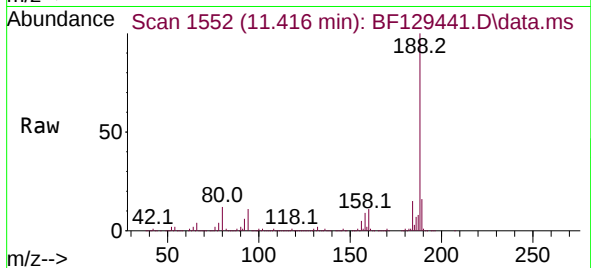
Tgt Ion: 172 Resp: 1629809
Ion Ratio Lower Upper
172 100
171 35.2 28.8 43.2
170 23.9 19.8 29.8





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.416 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF129441.D
Acq: 29 Jul 2022 14:34

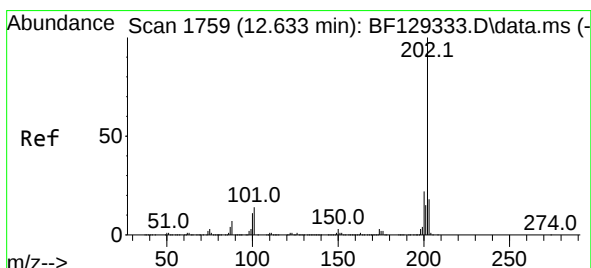
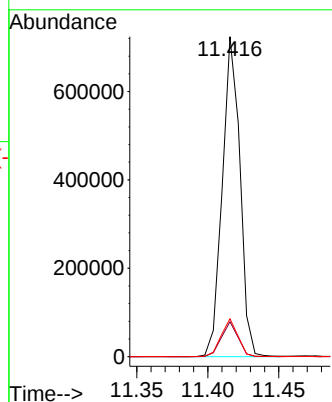
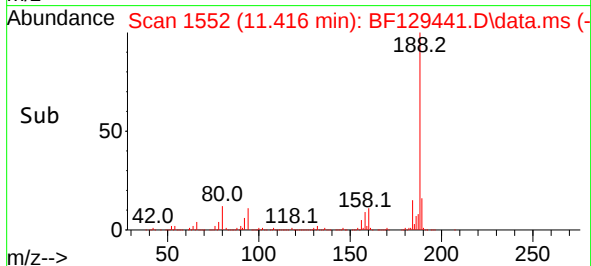
Instrument :
BNA_F
ClientSampleId :
RVE-73



Tgt Ion:188 Resp: 628060
Ion Ratio Lower Upper
188 100
94 10.9 7.0 10.6
80 11.8 7.6 11.4

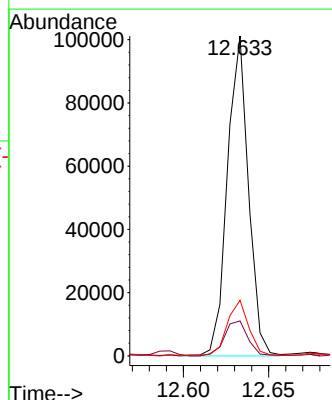
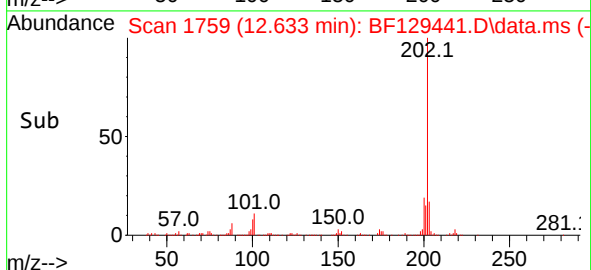
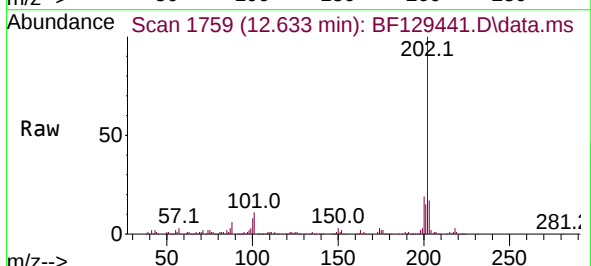
Manual Integrations
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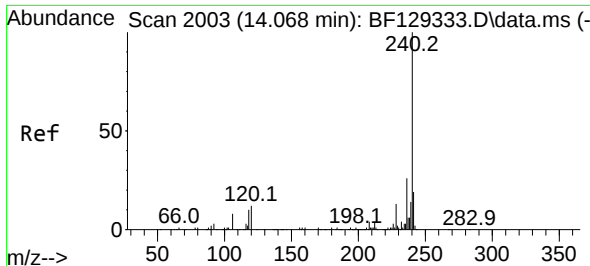
Reviewed By :Christian Giraldo 08/01/2022
Supervised By :Jagrut Upadhyay 08/01/2022



#75
Fluoranthene
Concen: 2.508 ng
RT: 12.633 min Scan# 1759
Delta R.T. -0.000 min
Lab File: BF129441.D
Acq: 29 Jul 2022 14:34

Tgt Ion:202 Resp: 87111
Ion Ratio Lower Upper
202 100
101 10.9 0.0 31.4
203 17.4 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: BF129441.D
Acq: 29 Jul 2022 14:34

Instrument :

BNA_F

ClientSampleId :

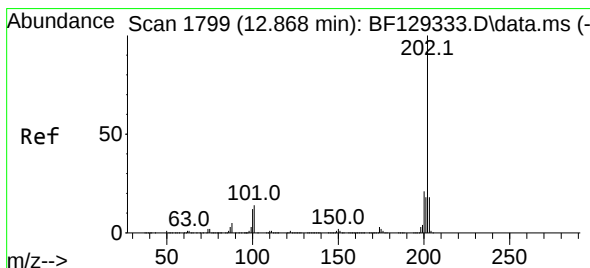
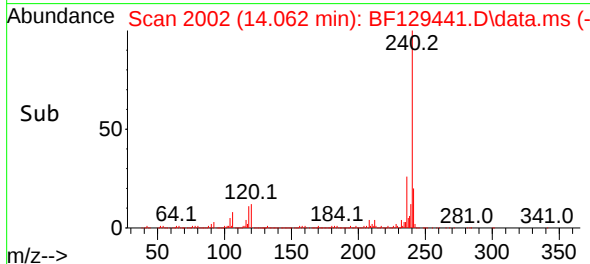
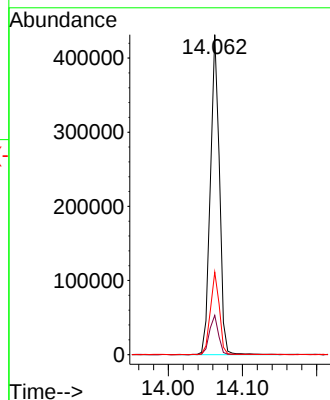
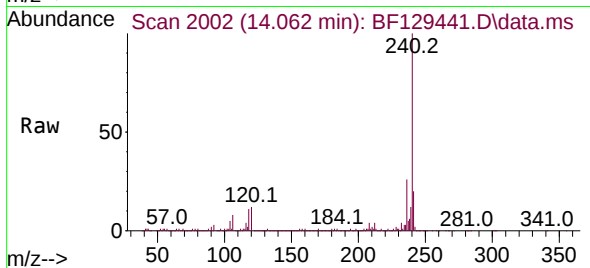
RVE-73

Tgt Ion:240 Resp: 364993
Ion Ratio Lower Upper
240 100
120 12.3 8.9 13.3
236 25.8 20.8 31.2

Manual Integrations

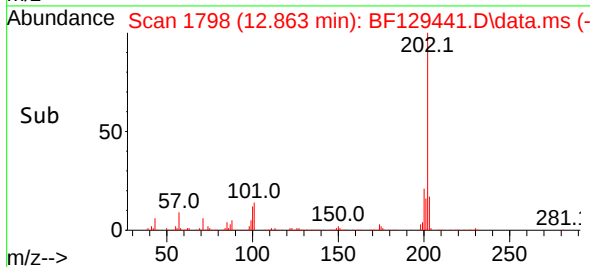
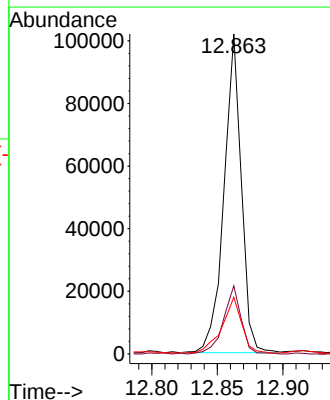
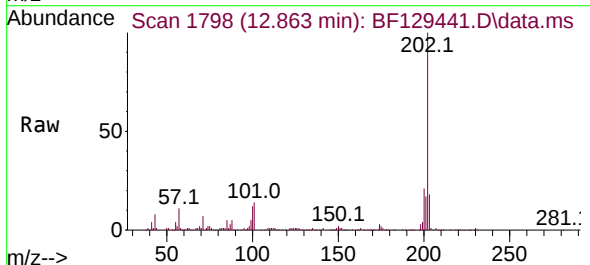
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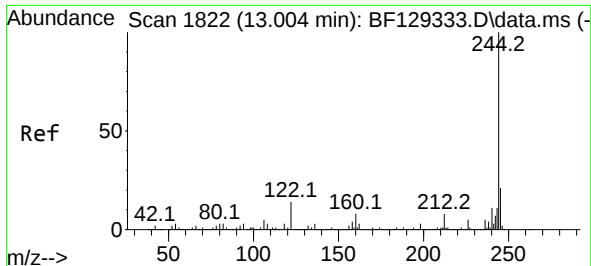
Reviewed By :Christian Giraldo 08/01/2022
Supervised By :Jagrut Upadhyay 08/01/2022



#78
Pyrene
Concen: 3.078 ng
RT: 12.863 min Scan# 1798
Delta R.T. -0.006 min
Lab File: BF129441.D
Acq: 29 Jul 2022 14:34

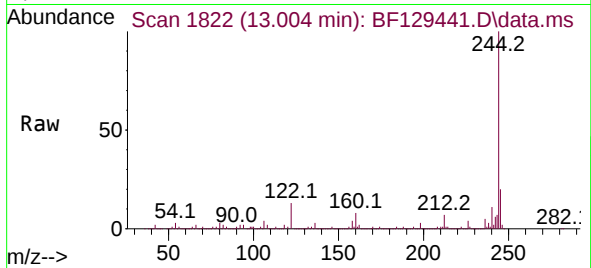
Tgt Ion:202 Resp: 93958
Ion Ratio Lower Upper
202 100
200 21.3 17.7 26.5
203 17.7 14.6 21.8





#79
 Terphenyl-d14
 Concen: 74.486 ng
 RT: 13.004 min Scan# 1822
 Delta R.T. -0.000 min
 Lab File: BF129441.D
 Acq: 29 Jul 2022 14:34

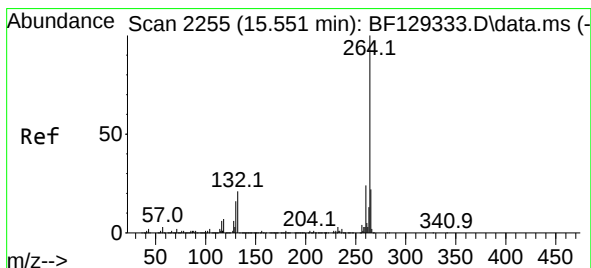
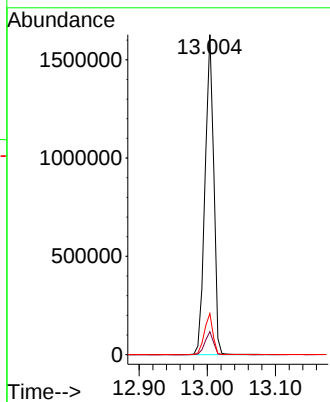
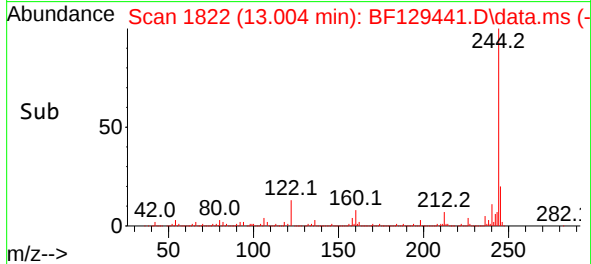
Instrument :
 BNA_F
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 RVE-73



Tgt Ion:244 Resp: 1441070
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.1 9.1
 122 12.8 8.8 13.2

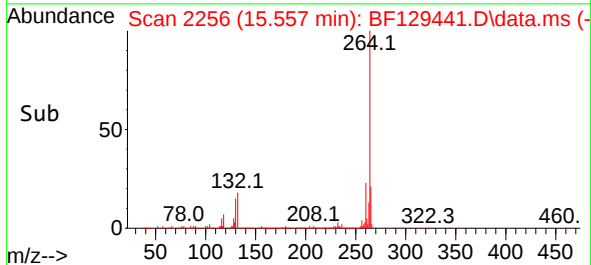
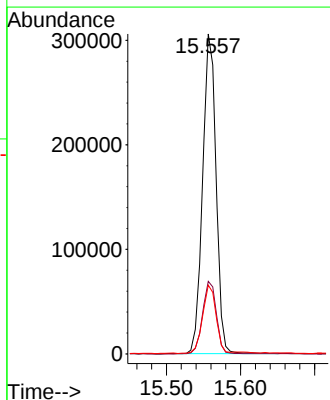
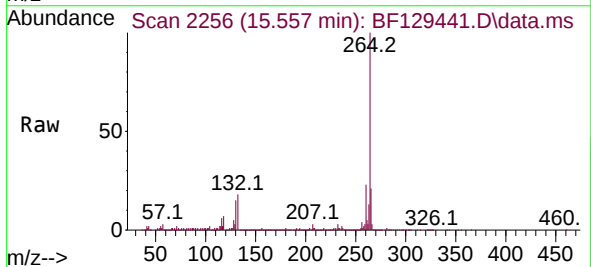
Manual Integrations
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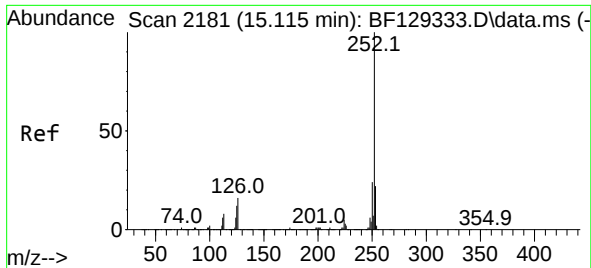
Reviewed By :Christian Giraldo 08/01/2022
 Supervised By :Jagrut Upadhyay 08/01/2022



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.557 min Scan# 2256
 Delta R.T. 0.006 min
 Lab File: BF129441.D
 Acq: 29 Jul 2022 14:34

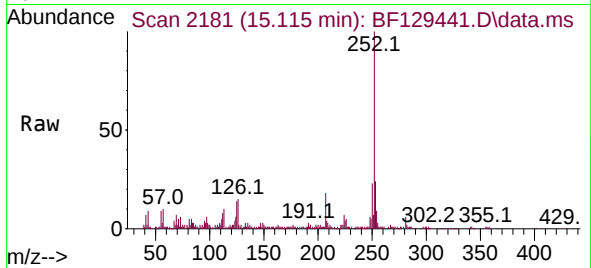
Tgt Ion:264 Resp: 385156
 Ion Ratio Lower Upper
 264 100
 260 22.7 18.4 27.6
 265 21.5 17.2 25.8





#88
Benzo(b)fluoranthene
Concen: 2.335 ng m
RT: 15.115 min Scan# 2181
Delta R.T. -0.000 min
Lab File: BF129441.D
Acq: 29 Jul 2022 14:34

Instrument :
BNA_F
ClientSampleId :
RVE-73



Tgt Ion:252 Resp: 59659
Ion Ratio Lower Upper
252 100
253 24.3 17.7 26.5
125 14.1 8.0 12.0

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