

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080322\
 Data File : BF129555.D
 Acq On : 03 Aug 2022 23:17
 Operator : CG\JU
 Sample : N3930-07
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RVE-99D

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 08/04/2022
 Supervised By : Jagrut Upadhyay 08/05/2022

Quant Time: Aug 04 02:21:19 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 02 01:11:25 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	121637	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	406135	20.000	ng	-0.01
39) Acenaphthene-d10	9.904	164	169982	20.000	ng	-0.01
64) Phenanthrene-d10	11.398	188	274235	20.000	ng	0.00
76) Chrysene-d12	14.039	240	311503	20.000	ng	-0.01
86) Perylene-d12	15.527	264	247622	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	597280	79.990	ng	0.00
7) Phenol-d6	6.510	99	686382	73.132	ng	-0.01
23) Nitrobenzene-d5	7.434	82	428603	57.609	ng	-0.01
42) 2,4,6-Tribromophenol	10.698	330	122442	74.922	ng	-0.01
45) 2-Fluorobiphenyl	9.222	172	622996	56.697	ng	-0.01
79) Terphenyl-d14	12.980	244	674769	40.867	ng	0.00
Target Compounds						Qvalue
75) Fluoranthene	12.610	202	50597	3.336	ng	99
78) Pyrene	12.839	202	64166	2.463	ng	98
88) Benzo(b)fluoranthene	15.086	252	40884m	2.489	ng	
90) Benzo(a)pyrene	15.462	252	28299	2.122	ng	# 96

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

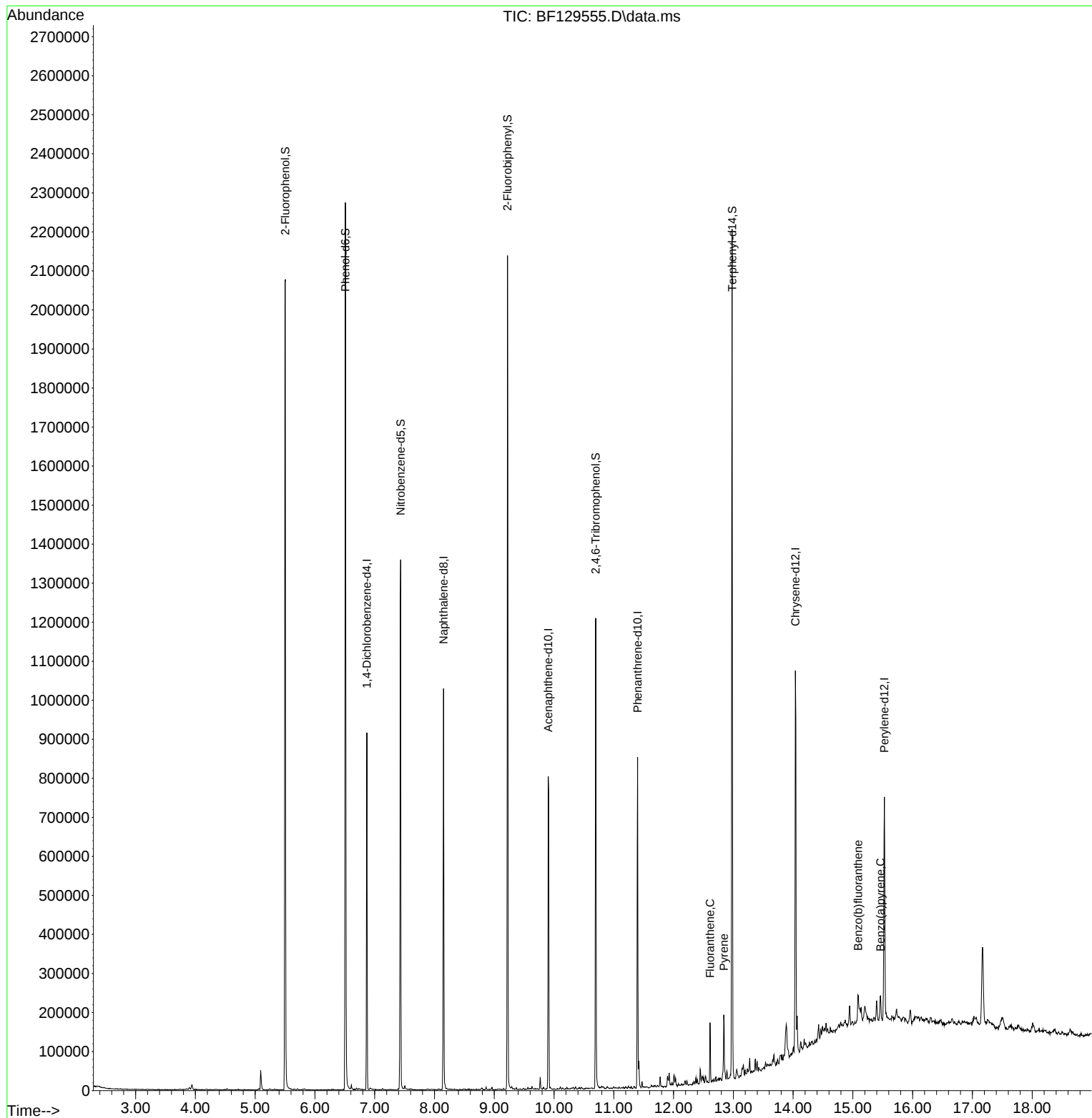
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080322\
Data File : BF129555.D
Acq On : 03 Aug 2022 23:17
Operator : CG\JU
Sample : N3930-07
Misc :
ALS Vial : 15 Sample Multiplier: 1

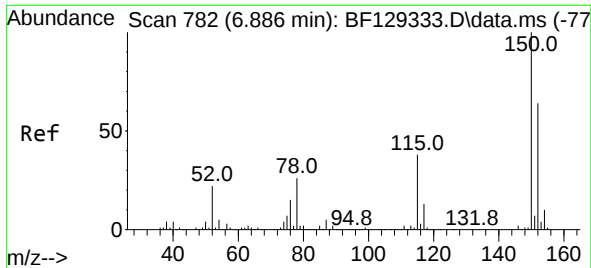
Instrument :
BNA_F
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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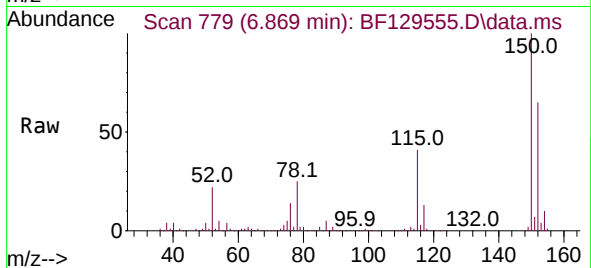
Reviewed By : Christian Giraldo 08/04/2022
Supervised By : Jagrut Upadhyay 08/05/2022





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF129555.D
Acq: 03 Aug 2022 23:17

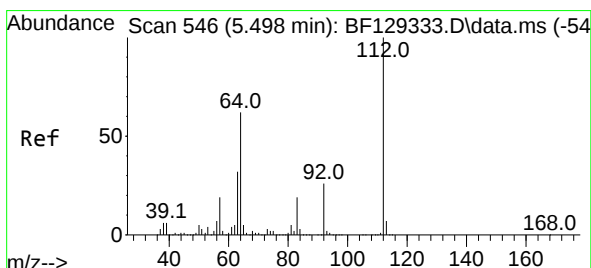
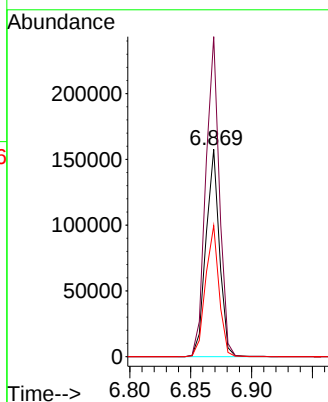
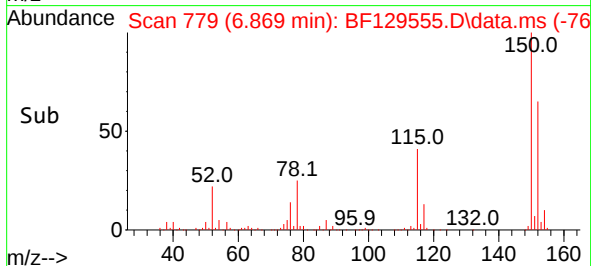
Instrument :
BNA_F
ClientSampleId :
RVE-99D



Tgt Ion:152 Resp: 12163
Ion Ratio Lower Upper
152 100
150 154.4 123.7 185.5
115 63.2 49.9 74.9

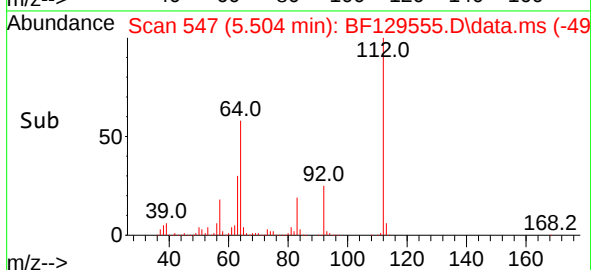
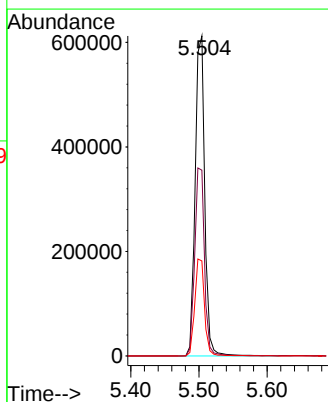
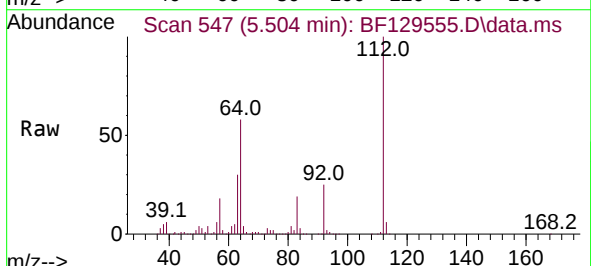
Manual Integrations
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Reviewed By :Christian Giraldo 08/04/2022
Supervised By :Jagrut Upadhyay 08/05/2022



#5
2-Fluorophenol
Concen: 79.990 ng
RT: 5.504 min Scan# 547
Delta R.T. -0.000 min
Lab File: BF129555.D
Acq: 03 Aug 2022 23:17

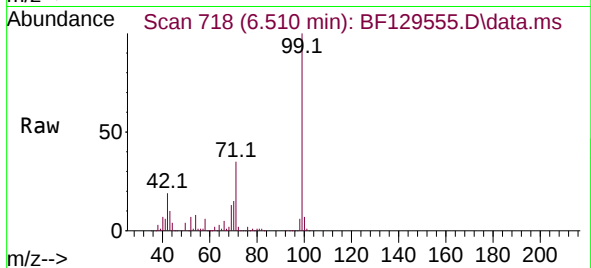
Tgt Ion:112 Resp: 597280
Ion Ratio Lower Upper
112 100
64 58.0 53.3 79.9
63 29.7 28.0 42.0





#7
Phenol-d6
Concen: 73.132 ng
RT: 6.510 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF129555.D
Acq: 03 Aug 2022 23:17

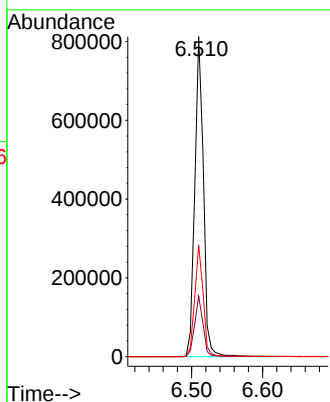
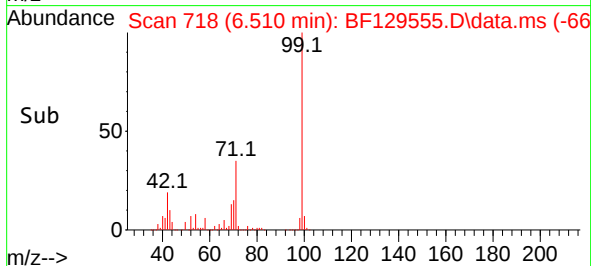
Instrument :
BNA_F
ClientSampleId :
RVE-99D



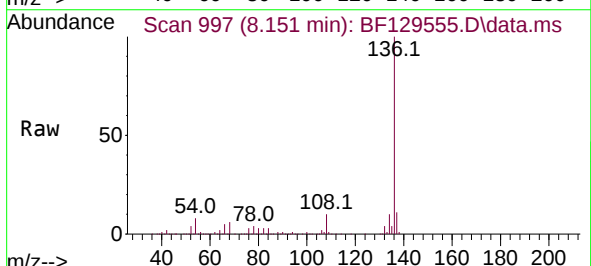
Tgt Ion: 99 Resp: 686382
Ion Ratio Lower Upper
99 100
42 18.9 17.3 25.9
71 34.9 28.9 43.3

Manual Integrations
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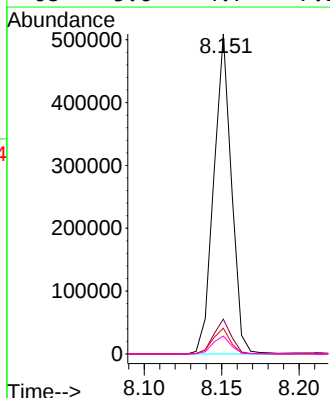
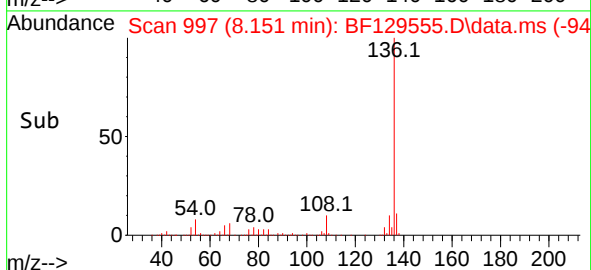
Reviewed By :Christian Giraldo 08/04/2022
Supervised By :Jagrut Upadhyay 08/05/2022



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 997
Delta R.T. -0.012 min
Lab File: BF129555.D
Acq: 03 Aug 2022 23:17



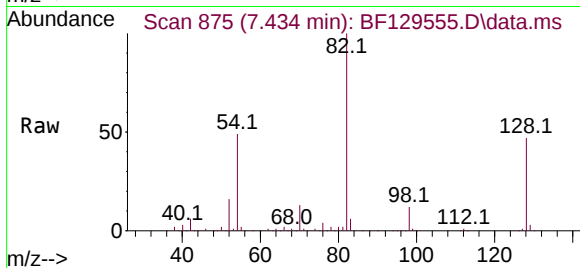
Tgt Ion:136 Resp: 406135
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 8.0 7.5 11.3
68 5.6 4.7 7.1





#23
Nitrobenzene-d5
Concen: 57.609 ng
RT: 7.434 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF129555.D
Acq: 03 Aug 2022 23:17

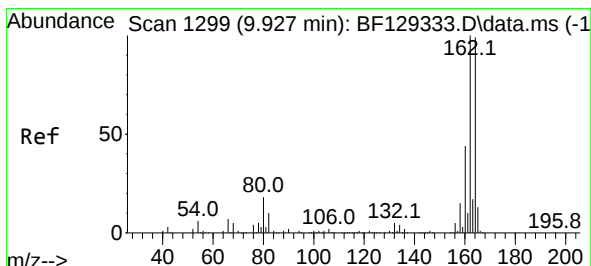
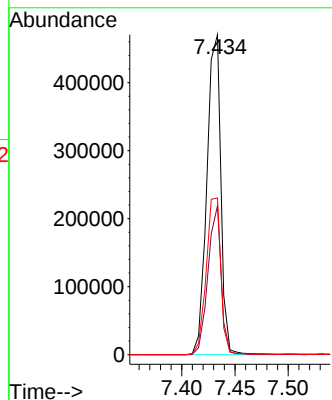
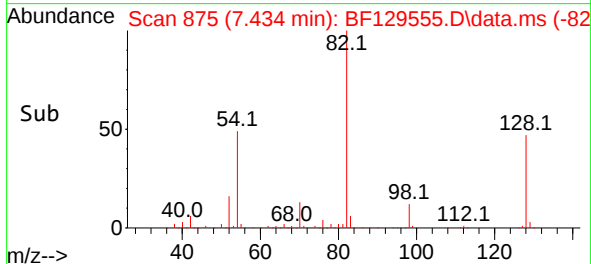
Instrument :
BNA_F
ClientSampleId :
RVE-99D



Tgt Ion: 82 Resp: 428603
Ion Ratio Lower Upper
82 100
128 46.5 34.0 51.0
54 49.0 46.9 70.3

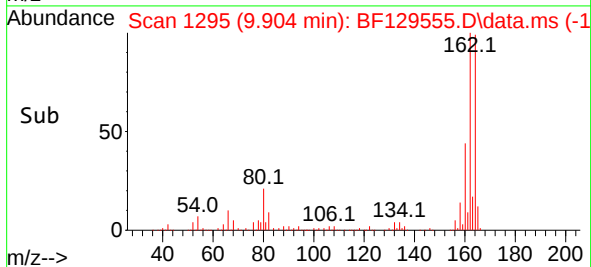
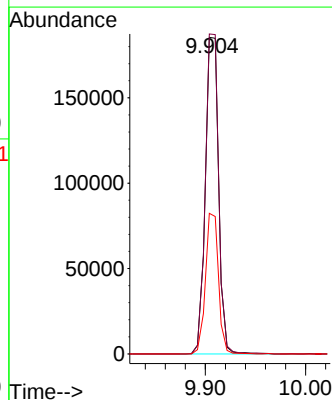
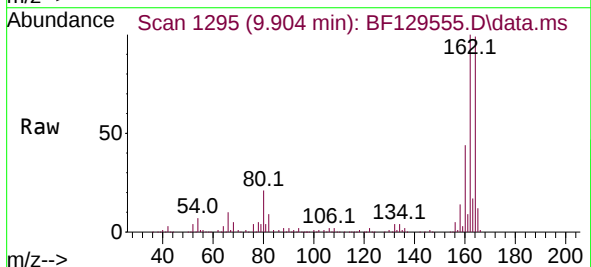
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Reviewed By :Christian Giraldo 08/04/2022
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 1295
Delta R.T. -0.012 min
Lab File: BF129555.D
Acq: 03 Aug 2022 23:17

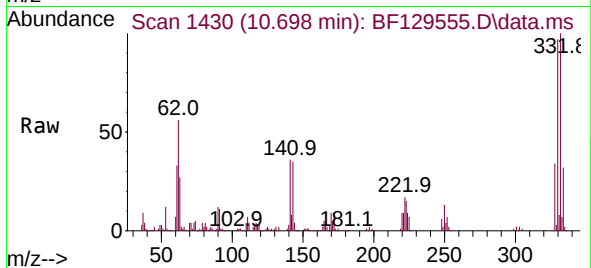
Tgt Ion:164 Resp: 169982
Ion Ratio Lower Upper
164 100
162 101.1 79.5 119.3
160 44.4 34.2 51.4





#42
2,4,6-Tribromophenol
Concen: 74.922 ng
RT: 10.698 min Scan# 1434
Delta R.T. -0.012 min
Lab File: BF129555.D
Acq: 03 Aug 2022 23:17

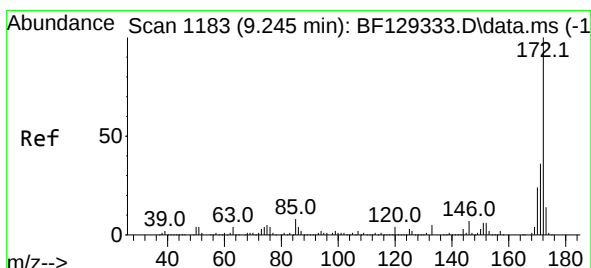
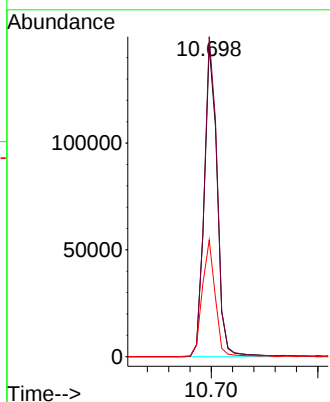
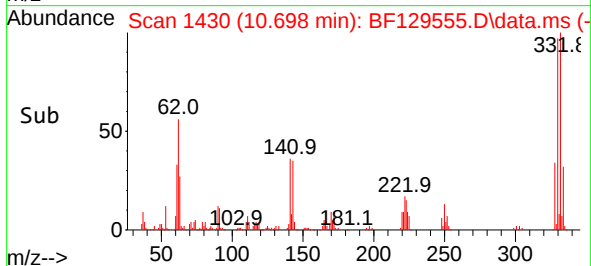
Instrument :
BNA_F
ClientSampleId :
RVE-99D



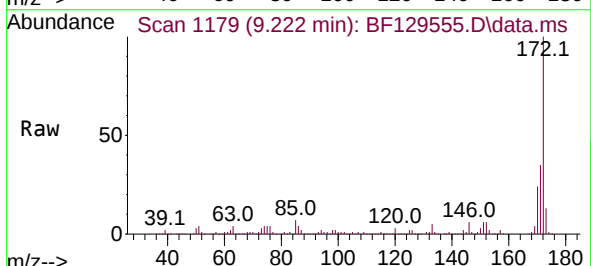
Tgt Ion: 330 Resp: 122442
Ion Ratio Lower Upper
330 100
332 102.5 76.8 115.2
141 37.6 28.0 42.0

Manual Integrations
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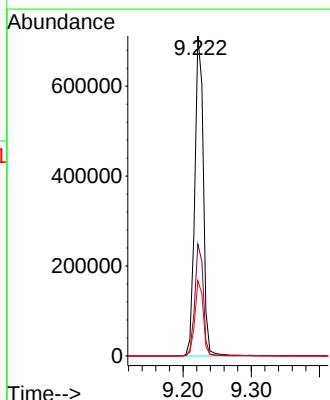
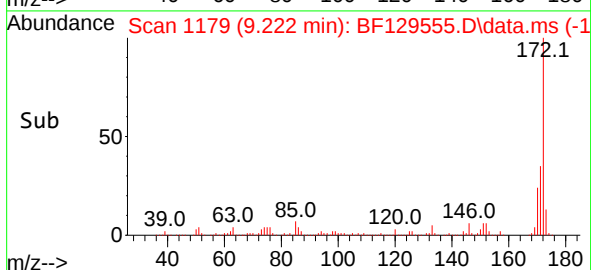
Reviewed By : Christian Giraldo 08/04/2022
Supervised By : Jagrut Upadhyay 08/05/2022

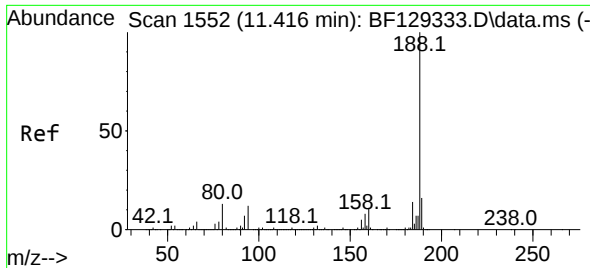


#45
2-Fluorobiphenyl
Concen: 56.697 ng
RT: 9.222 min Scan# 1179
Delta R.T. -0.012 min
Lab File: BF129555.D
Acq: 03 Aug 2022 23:17



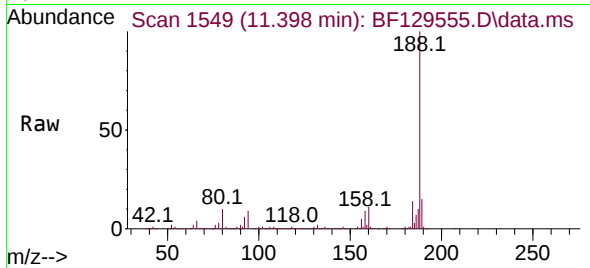
Tgt Ion: 172 Resp: 622996
Ion Ratio Lower Upper
172 100
171 34.9 28.8 43.2
170 23.5 19.8 29.8





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF129555.D
Acq: 03 Aug 2022 23:17

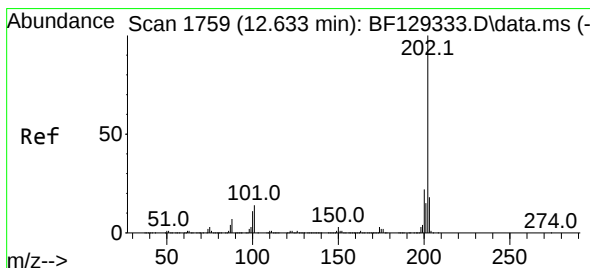
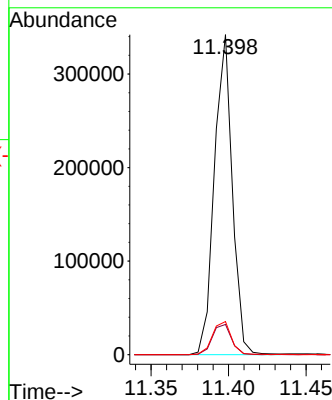
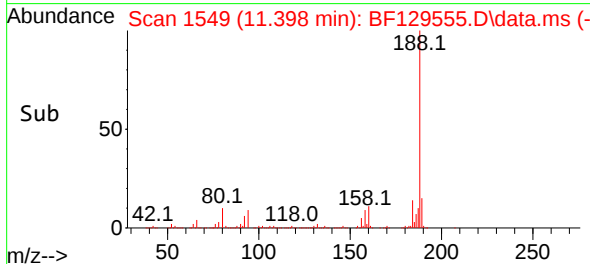
Instrument :
BNA_F
ClientSampleId :
RVE-99D



Tgt Ion:188 Resp: 274235
Ion Ratio Lower Upper
188 100
94 9.4 7.0 10.6
80 10.3 7.6 11.4

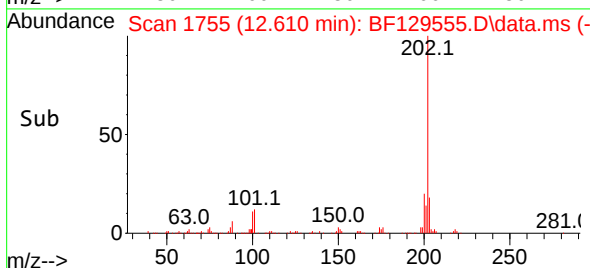
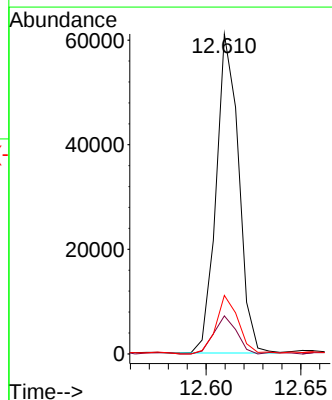
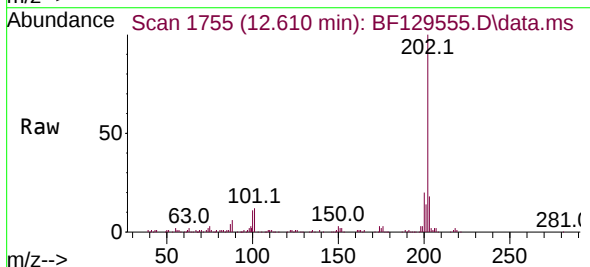
Manual Integrations
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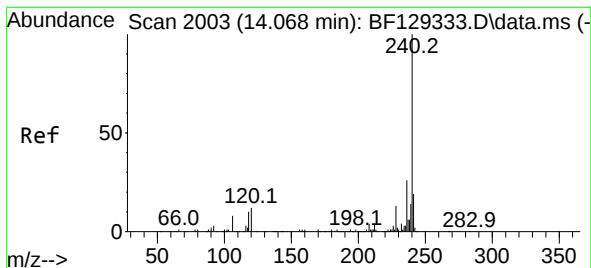
Reviewed By :Christian Giraldo 08/04/2022
Supervised By :Jagrut Upadhyay 08/05/2022



#75
Fluoranthene
Concen: 3.336 ng
RT: 12.610 min Scan# 1755
Delta R.T. -0.012 min
Lab File: BF129555.D
Acq: 03 Aug 2022 23:17

Tgt Ion:202 Resp: 50597
Ion Ratio Lower Upper
202 100
101 11.9 0.0 31.4
203 18.3 0.0 38.0





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.039 min Scan# 1998

Delta R.T. -0.012 min

Lab File: BF129555.D

Acq: 03 Aug 2022 23:17

Instrument :

BNA_F

ClientSampleId :

RVE-99D

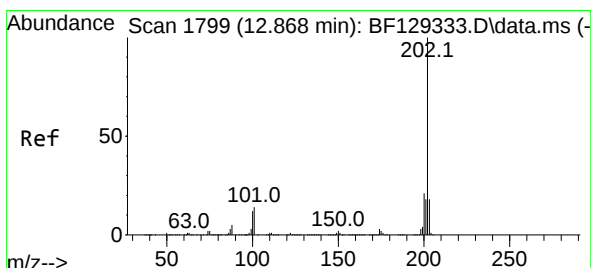
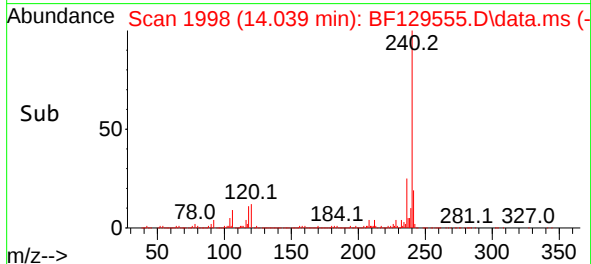
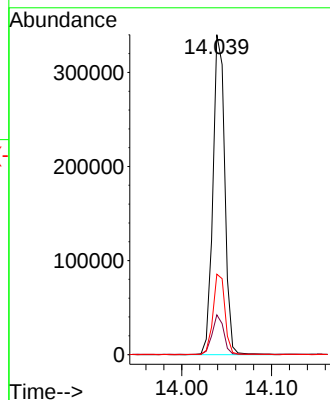
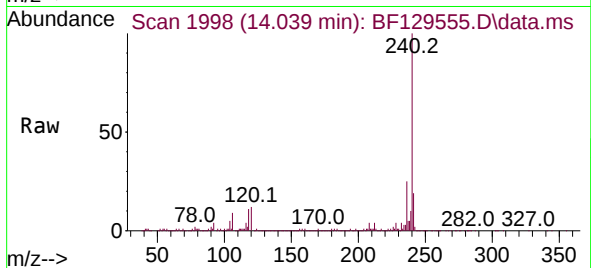
Tgt Ion:240 Resp: 311503
 Ion Ratio Lower Upper
 240 100
 120 12.4 8.9 13.3
 236 25.1 20.8 31.2

Manual Integrations

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Reviewed By :Christian Giraldo 08/04/2022

Supervised By :Jagrut Upadhyay 08/05/2022



#78

Pyrene

Concen: 2.463 ng

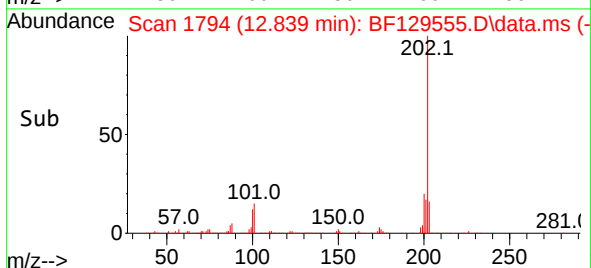
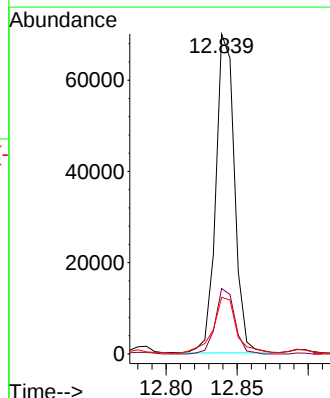
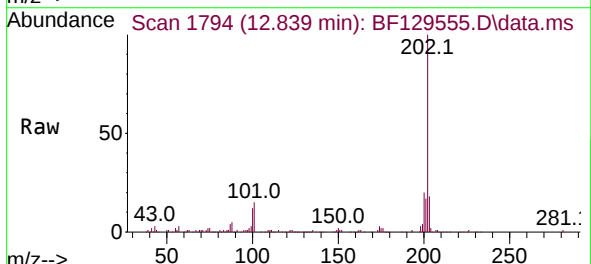
RT: 12.839 min Scan# 1794

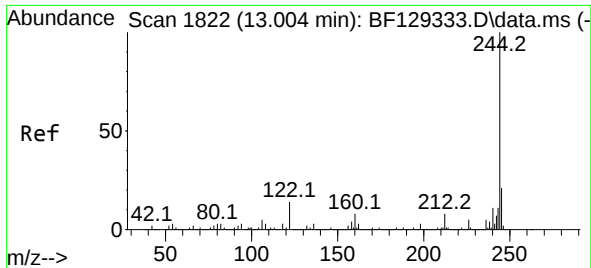
Delta R.T. -0.012 min

Lab File: BF129555.D

Acq: 03 Aug 2022 23:17

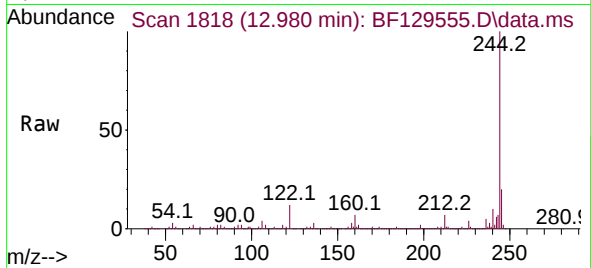
Tgt Ion:202 Resp: 64166
 Ion Ratio Lower Upper
 202 100
 200 20.4 17.7 26.5
 203 17.7 14.6 21.8





#79
Terphenyl-d14
Concen: 40.867 ng
RT: 12.980 min Scan# 1822
Delta R.T. -0.006 min
Lab File: BF129555.D
Acq: 03 Aug 2022 23:17

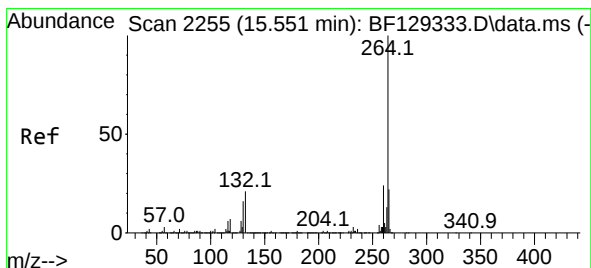
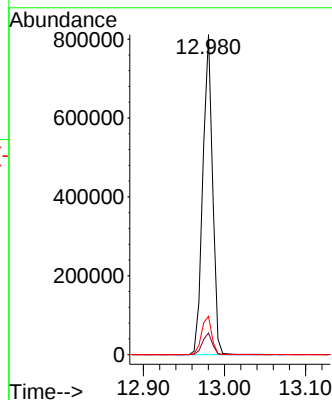
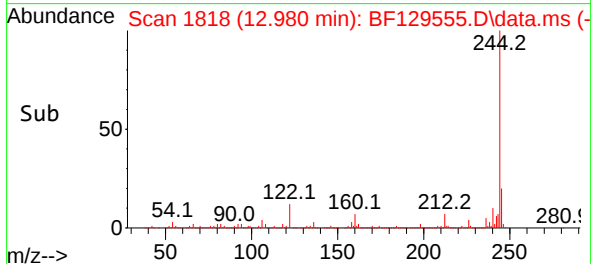
Instrument :
BNA_F
ClientSampleId :
RVE-99D



Tgt Ion:244 Resp: 674769
Ion Ratio Lower Upper
244 100
212 6.8 6.1 9.1
122 12.0 8.8 13.2

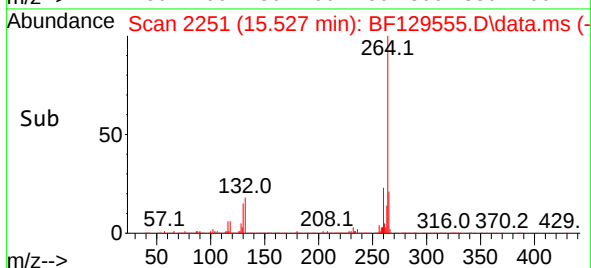
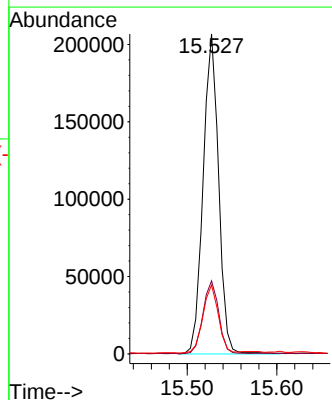
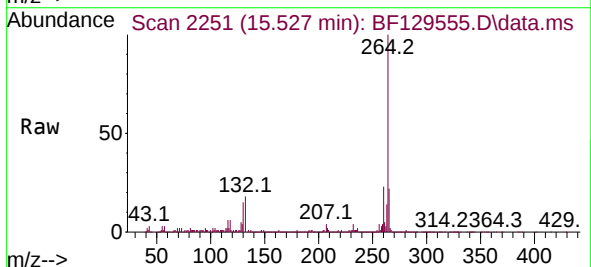
Manual Integrations
APPROVED

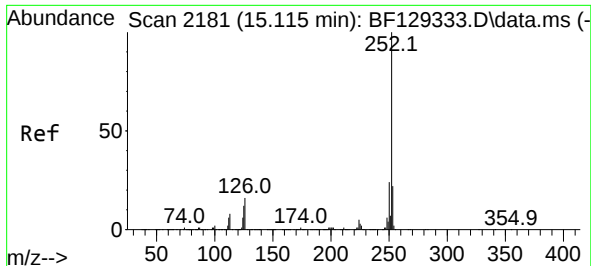
Reviewed By :Christian Giraldo 08/04/2022
Supervised By :Jagrut Upadhyay 08/05/2022



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.527 min Scan# 2251
Delta R.T. -0.000 min
Lab File: BF129555.D
Acq: 03 Aug 2022 23:17

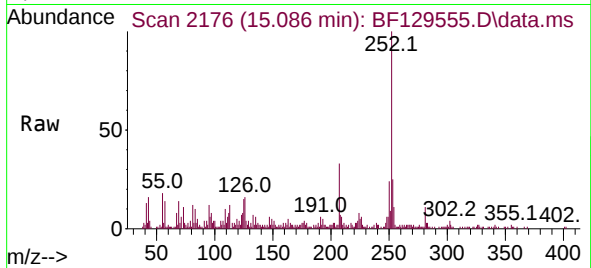
Tgt Ion:264 Resp: 247622
Ion Ratio Lower Upper
264 100
260 22.8 18.4 27.6
265 21.5 17.2 25.8





#88
Benzo(b)fluoranthene
Concen: 2.489 ng m
RT: 15.086 min Scan# 2181
Delta R.T. -0.006 min
Lab File: BF129555.D
Acq: 03 Aug 2022 23:17

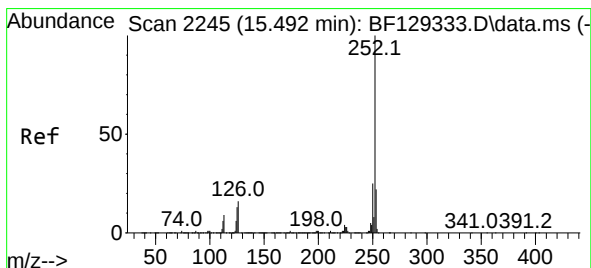
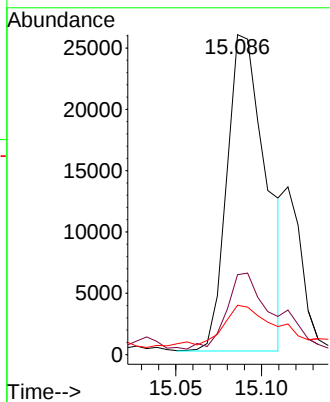
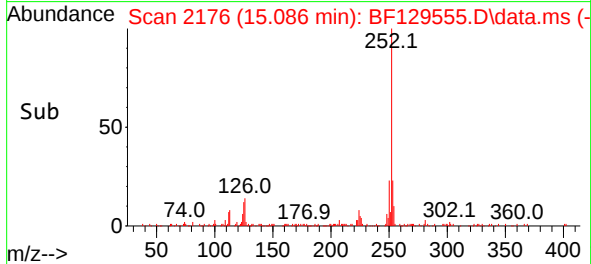
Instrument :
BNA_F
ClientSampleId :
RVE-99D



Tgt Ion:252 Resp: 40884
Ion Ratio Lower Upper
252 100
253 25.0 17.7 26.5
125 15.4 8.0 12.0

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 08/04/2022
Supervised By :Jagrut Upadhyay 08/05/2022



#90
Benzo(a)pyrene
Concen: 2.122 ng
RT: 15.462 min Scan# 2240
Delta R.T. -0.006 min
Lab File: BF129555.D
Acq: 03 Aug 2022 23:17

Tgt Ion:252 Resp: 28299
Ion Ratio Lower Upper
252 100
253 22.6 17.0 25.6
125 13.8 8.8 13.2

