

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080122\
 Data File : BF129496.D
 Acq On : 02 Aug 2022 03:17
 Operator : CG\JU
 Sample : N3896-15
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RVE-72

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 08/02/2022
 Supervised By : Jagrut Upadhyay 08/02/2022

Quant Time: Aug 02 05:22:56 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	6.875	152	159248	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	587382	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	272005	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	455856	20.000	ng	# 0.00
76) Chrysene-d12	14.051	240	274829	20.000	ng	0.00
86) Perylene-d12	15.539	264	214782	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	1359387	139.056	ng	0.02
7) Phenol-d6	6.528	99	1654007	134.608	ng	0.00
23) Nitrobenzene-d5	7.445	82	1034865	96.176	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	351834	134.538	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	1671072	95.037	ng	0.00
79) Terphenyl-d14	12.992	244	1648654	113.173	ng	0.00
Target Compounds						
						Qvalue
71) Phenanthrene	11.427	178	200200	8.045	ng	98
75) Fluoranthene	12.621	202	266498	10.570	ng	99
78) Pyrene	12.851	202	227811	9.913	ng	100
81) Benzo(a)anthracene	14.039	228	92607	4.933	ng	97
83) Chrysene	14.074	228	78105m	4.414	ng	
88) Benzo(b)fluoranthene	15.104	252	88481m	6.210	ng	
90) Benzo(a)pyrene	15.474	252	57034	4.931	ng	# 90

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

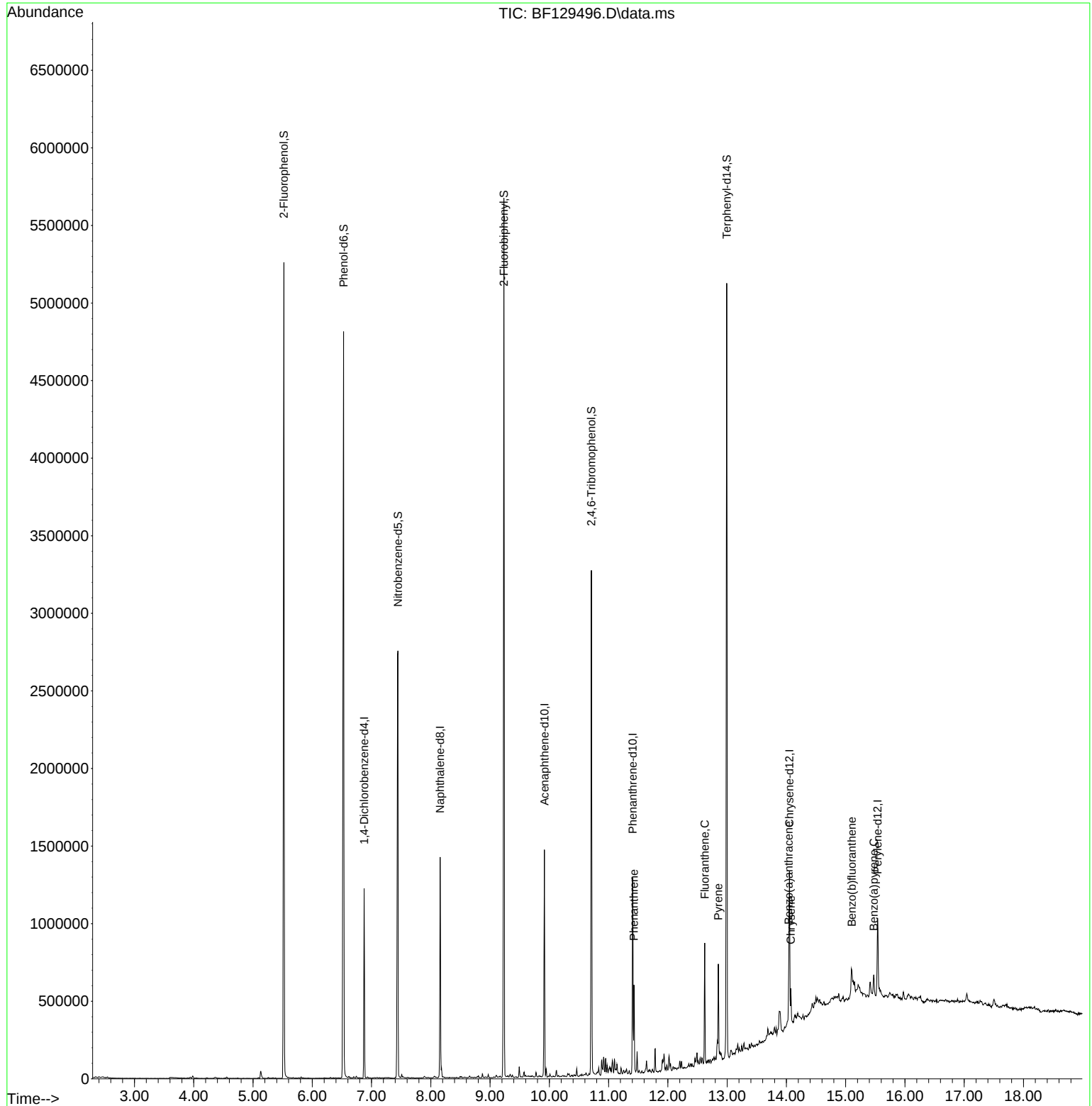
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080122\
Data File : BF129496.D
Acq On : 02 Aug 2022 03:17
Operator : CG\JU
Sample : N3896-15
Misc :
ALS Vial : 22 Sample Multiplier: 1

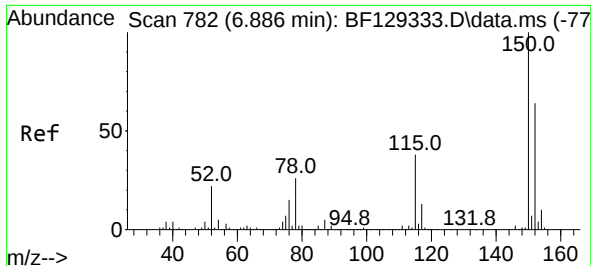
Instrument :
BNA_F
ClientSampleId :
RVE-72

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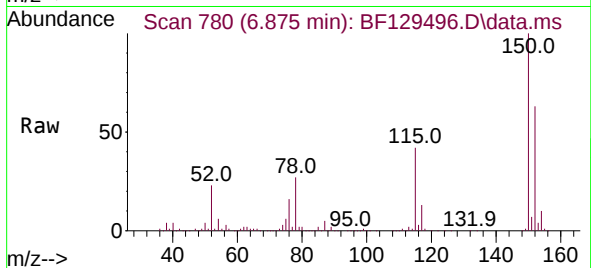
Quant Time: Aug 02 05:22:56 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 02 01:11:25 2022
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 782
Delta R.T. -0.000 min
Lab File: BF129496.D
Acq: 02 Aug 2022 03:17

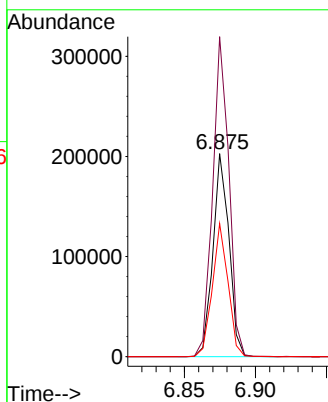
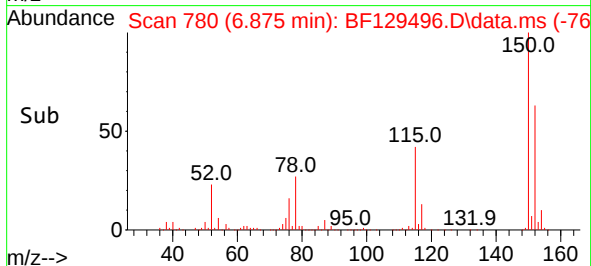
Instrument :
BNA_F
ClientSampleId :
RVE-72



Tgt Ion:152 Resp: 159248
Ion Ratio Lower Upper
152 100
150 157.6 123.7 185.5
115 65.5 49.9 74.9

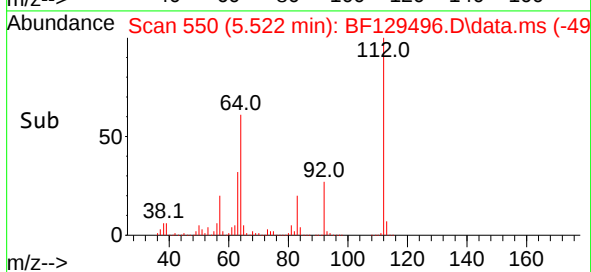
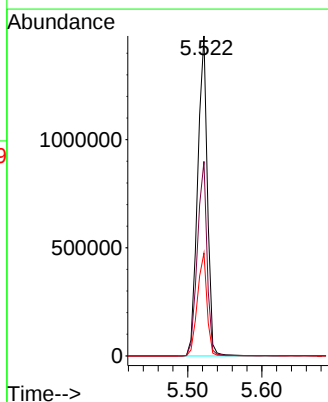
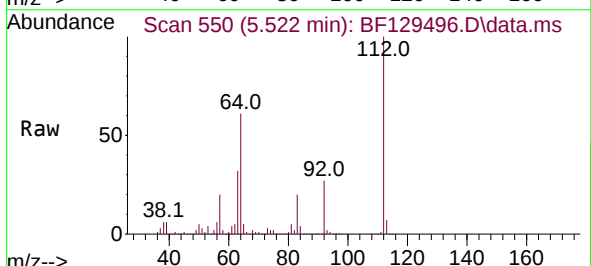
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#5
2-Fluorophenol
Concen: 139.056 ng
RT: 5.522 min Scan# 550
Delta R.T. 0.018 min
Lab File: BF129496.D
Acq: 02 Aug 2022 03:17

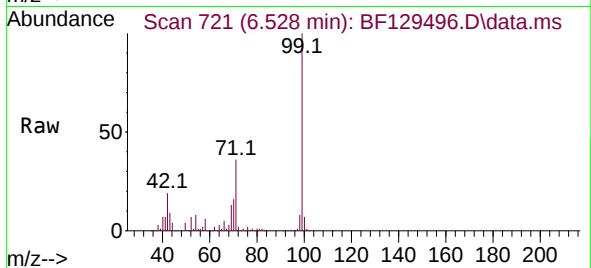
Tgt Ion:112 Resp: 1359387
Ion Ratio Lower Upper
112 100
64 60.8 53.3 79.9
63 32.1 28.0 42.0





#7
Phenol-d6
Concen: 134.608 ng
RT: 6.528 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF129496.D
Acq: 02 Aug 2022 03:17

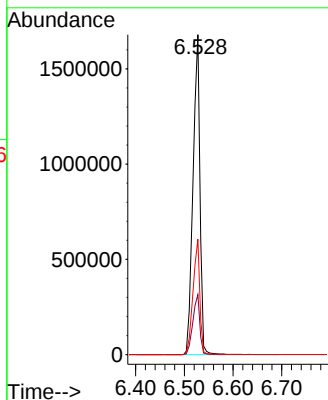
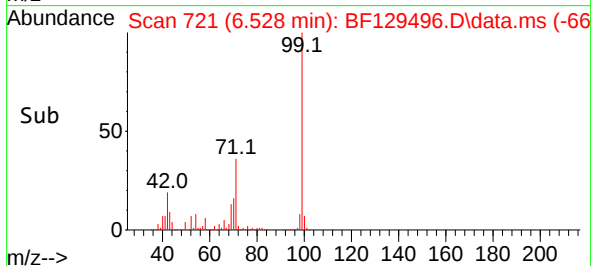
Instrument :
BNA_F
ClientSampleId :
RVE-72



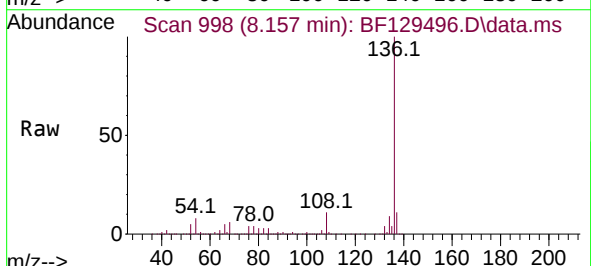
Tgt Ion: 99 Resp: 165400
Ion Ratio Lower Upper
99 100
42 18.8 17.3 25.9
71 36.1 28.9 43.3

Manual Integrations
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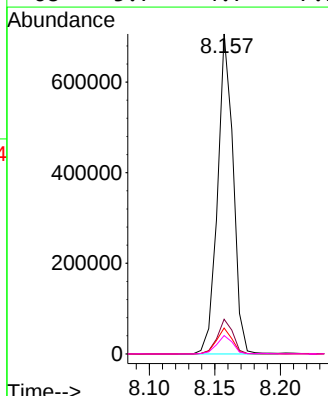
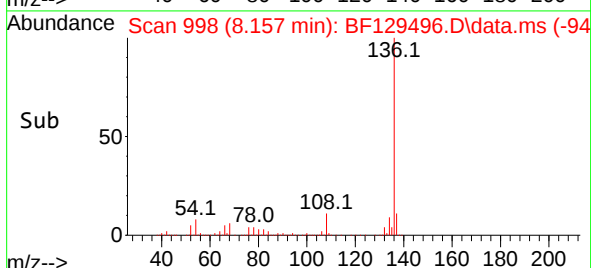
Reviewed By :Christian Giraldo 08/02/2022
Supervised By :Jagrut Upadhyay 08/02/2022



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 998
Delta R.T. -0.006 min
Lab File: BF129496.D
Acq: 02 Aug 2022 03:17



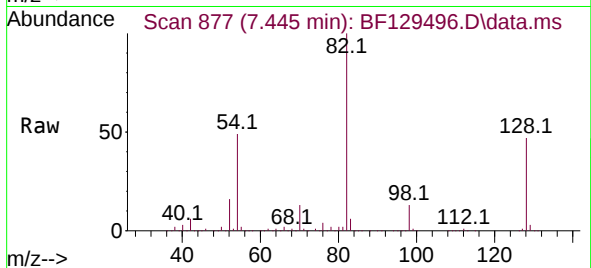
Tgt Ion:136 Resp: 587382
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 8.1 7.5 11.3
68 5.7 4.7 7.1





#23
Nitrobenzene-d5
Concen: 96.176 ng
RT: 7.445 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF129496.D
Acq: 02 Aug 2022 03:17

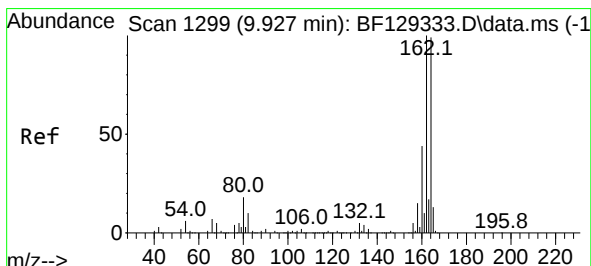
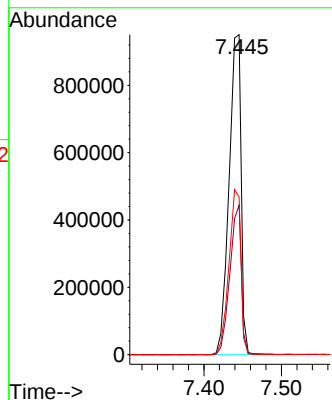
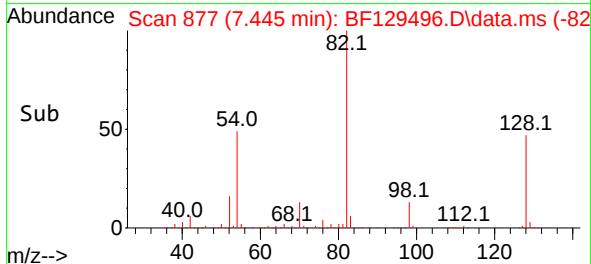
Instrument :
BNA_F
ClientSampleId :
RVE-72



Tgt Ion: 82 Resp: 103486
Ion Ratio Lower Upper
82 100
128 46.7 34.0 51.0
54 49.3 46.9 70.3

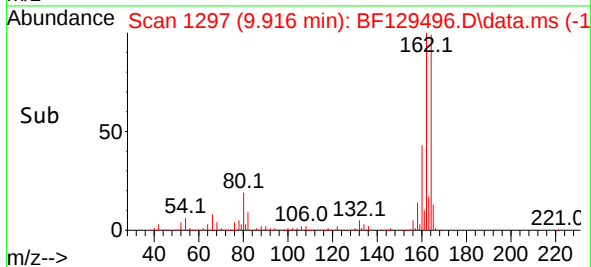
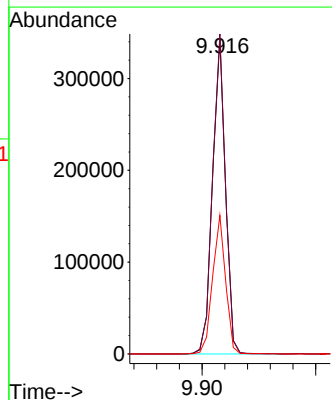
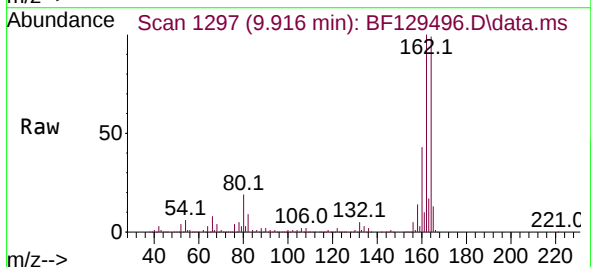
Manual Integrations
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.916 min Scan# 1297
Delta R.T. -0.000 min
Lab File: BF129496.D
Acq: 02 Aug 2022 03:17

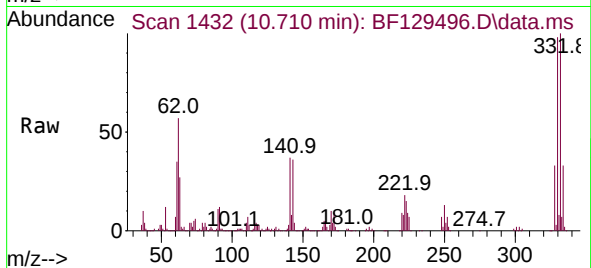
Tgt Ion:164 Resp: 272005
Ion Ratio Lower Upper
164 100
162 101.2 79.5 119.3
160 43.8 34.2 51.4





#42
2,4,6-Tribromophenol
Concen: 134.538 ng
RT: 10.710 min Scan# 1434
Delta R.T. -0.000 min
Lab File: BF129496.D
Acq: 02 Aug 2022 03:17

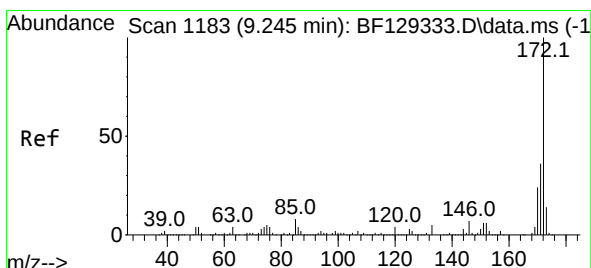
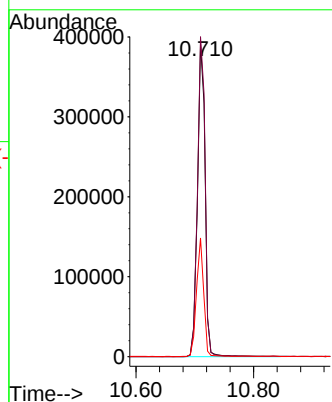
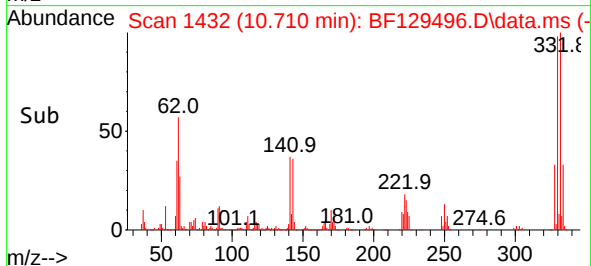
Instrument :
BNA_F
ClientSampleId :
RVE-72



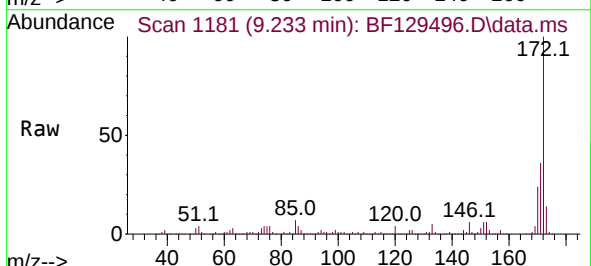
Tgt Ion: 330 Resp: 351834
Ion Ratio Lower Upper
330 100
332 102.4 76.8 115.2
141 36.0 28.0 42.0

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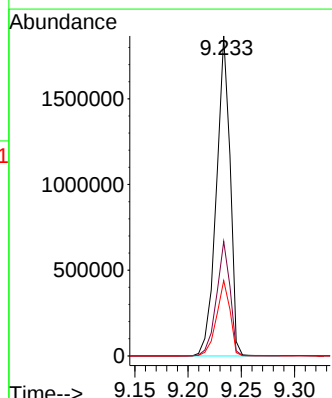
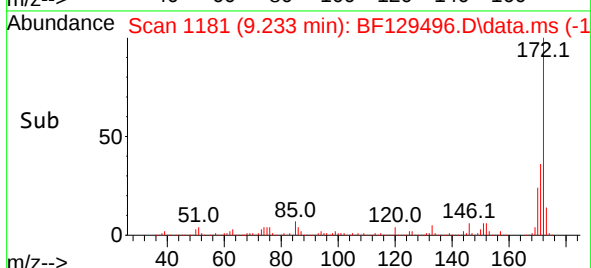
Reviewed By : Christian Giraldo 08/02/2022
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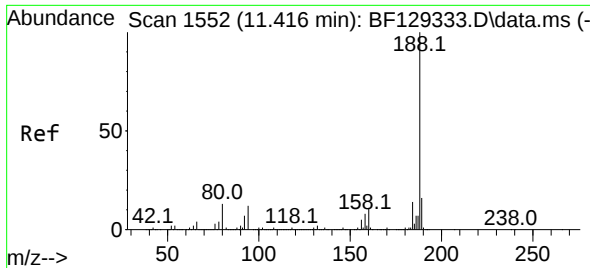


#45
2-Fluorobiphenyl
Concen: 95.037 ng
RT: 9.233 min Scan# 1181
Delta R.T. -0.000 min
Lab File: BF129496.D
Acq: 02 Aug 2022 03:17



Tgt Ion: 172 Resp: 1671072
Ion Ratio Lower Upper
172 100
171 35.8 28.8 43.2
170 23.5 19.8 29.8





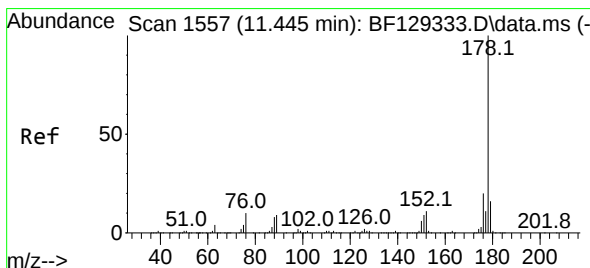
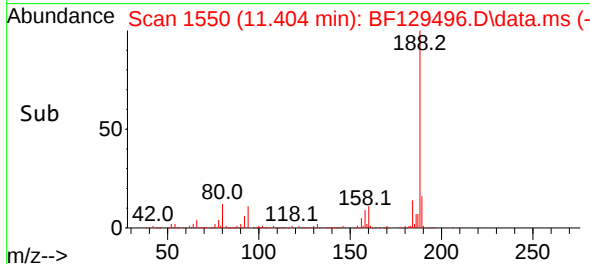
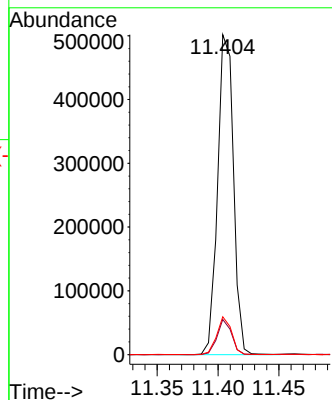
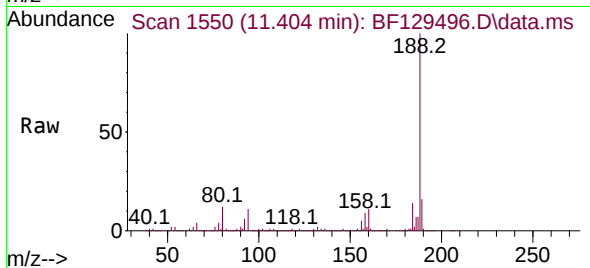
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 1552
Delta R.T. -0.000 min
Lab File: BF129496.D
Acq: 02 Aug 2022 03:17

Instrument :
BNA_F
ClientSampleId :
RVE-72

Tgt Ion:188 Resp: 455856
Ion Ratio Lower Upper
188 100
94 11.0 7.0 10.6
80 11.8 7.6 11.4

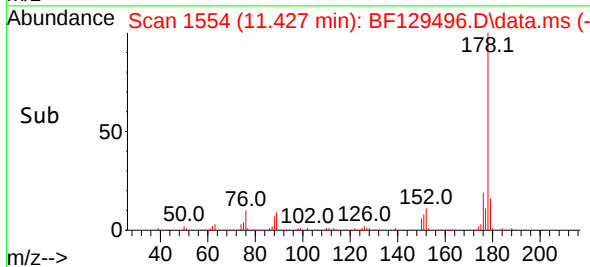
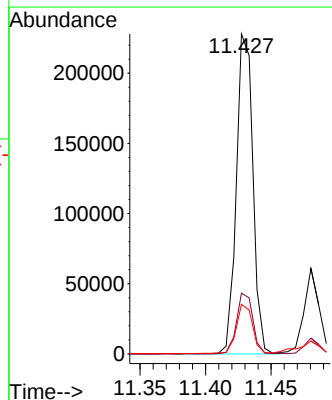
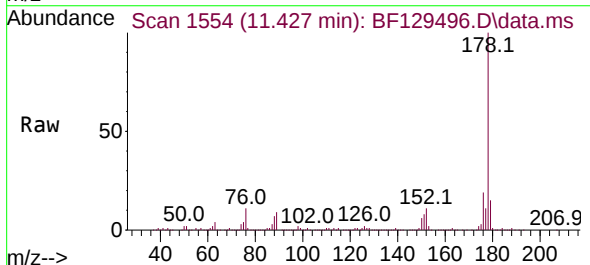
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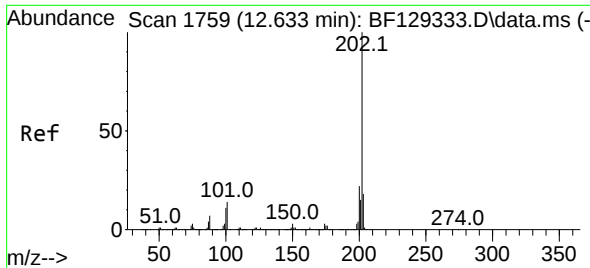
Reviewed By :Christian Giraldo 08/02/2022
Supervised By :Jagrut Upadhyay 08/02/2022



#71
Phenanthrene
Concen: 8.045 ng
RT: 11.427 min Scan# 1554
Delta R.T. -0.006 min
Lab File: BF129496.D
Acq: 02 Aug 2022 03:17

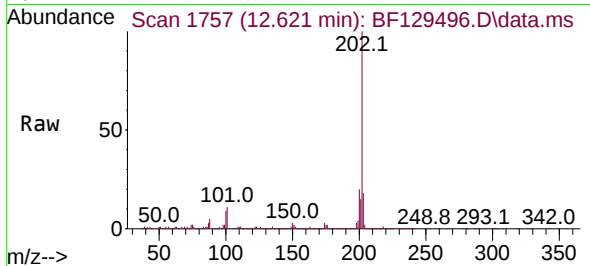
Tgt Ion:178 Resp: 200200
Ion Ratio Lower Upper
178 100
176 19.0 16.0 24.0
179 15.5 12.6 19.0





#75
Fluoranthene
Concen: 10.570 ng
RT: 12.621 min Scan# 1759
Delta R.T. -0.000 min
Lab File: BF129496.D
Acq: 02 Aug 2022 03:17

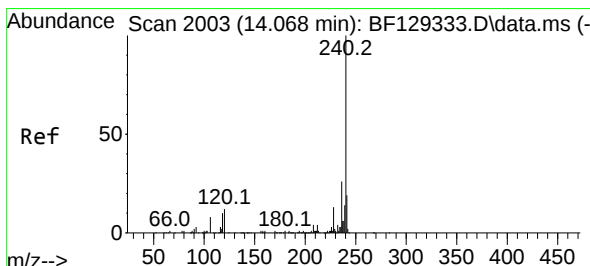
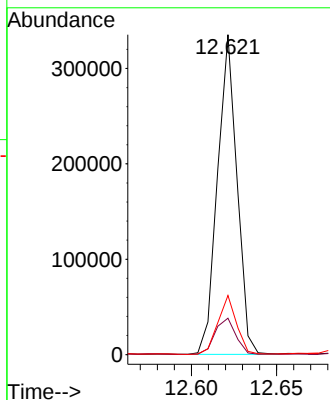
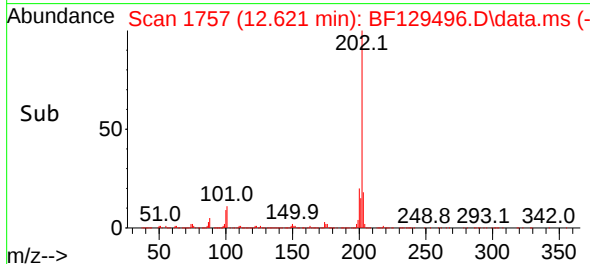
Instrument :
BNA_F
ClientSampleId :
RVE-72



Tgt Ion:202 Resp: 266498
Ion Ratio Lower Upper
202 100
101 11.4 0.0 31.4
203 18.5 0.0 38.0

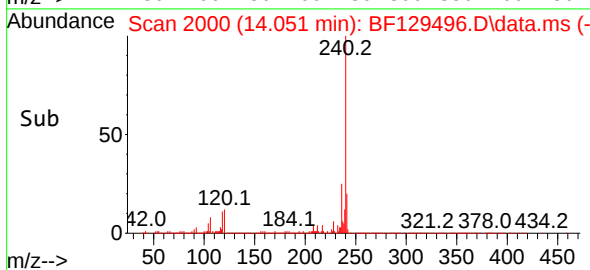
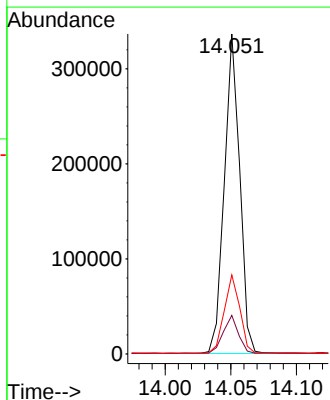
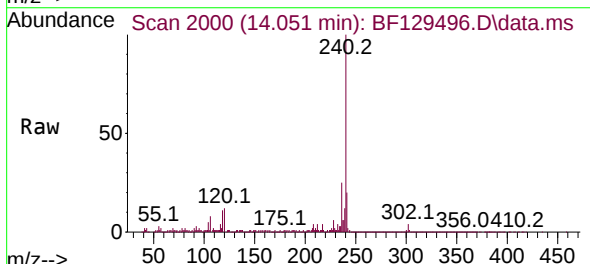
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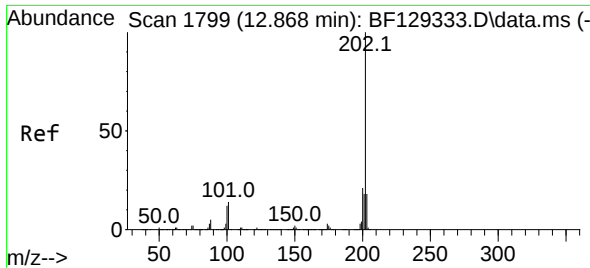
Reviewed By :Christian Giraldo 08/02/2022
Supervised By :Jagrut Upadhyay 08/02/2022



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2000
Delta R.T. -0.000 min
Lab File: BF129496.D
Acq: 02 Aug 2022 03:17

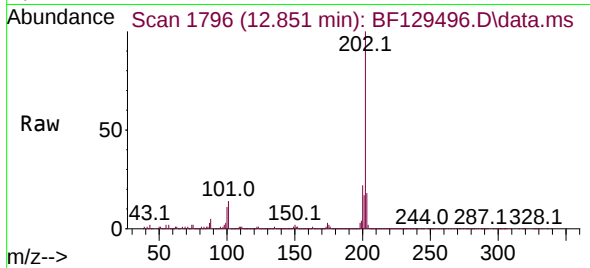
Tgt Ion:240 Resp: 274829
Ion Ratio Lower Upper
240 100
120 12.0 8.9 13.3
236 24.7 20.8 31.2





#78
Pyrene
Concen: 9.913 ng
RT: 12.851 min Scan# 1799
Delta R.T. -0.000 min
Lab File: BF129496.D
Acq: 02 Aug 2022 03:17

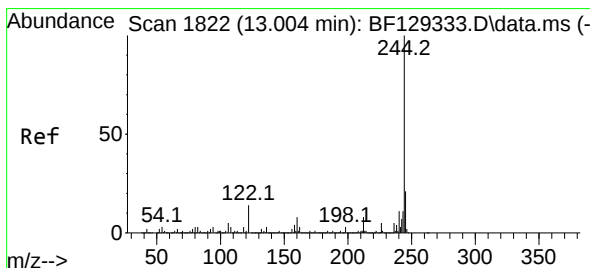
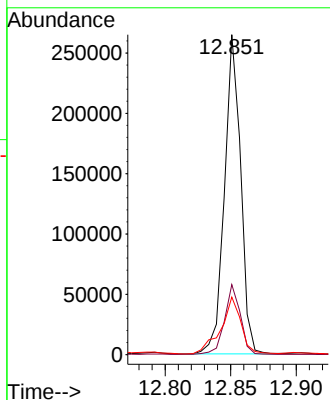
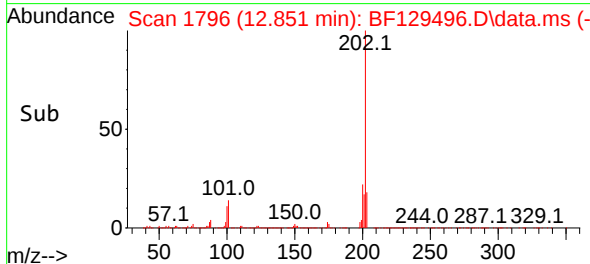
Instrument :
BNA_F
ClientSampleId :
RVE-72



Tgt Ion:202 Resp: 227811
Ion Ratio Lower Upper
202 100
200 21.9 17.7 26.5
203 18.0 14.6 21.8

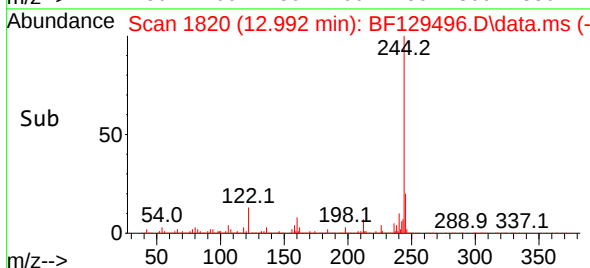
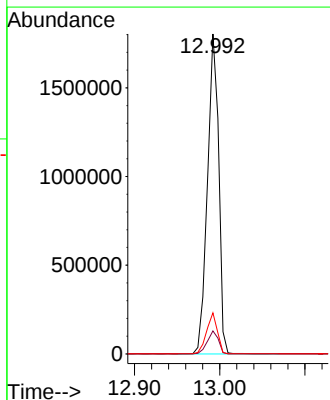
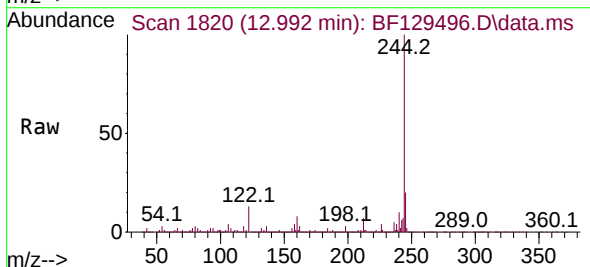
Manual Integrations
APPROVED

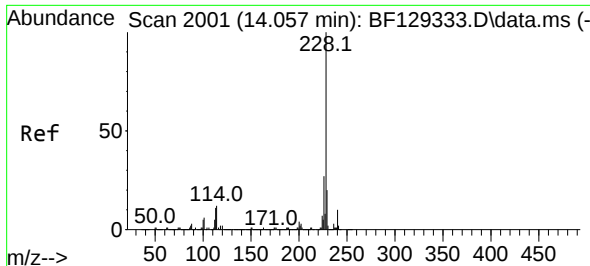
Reviewed By :Christian Giraldo 08/02/2022
Supervised By :Jagrut Upadhyay 08/02/2022



#79
Terphenyl-d14
Concen: 113.173 ng
RT: 12.992 min Scan# 1820
Delta R.T. 0.006 min
Lab File: BF129496.D
Acq: 02 Aug 2022 03:17

Tgt Ion:244 Resp: 1648654
Ion Ratio Lower Upper
244 100
212 7.2 6.1 9.1
122 12.8 8.8 13.2





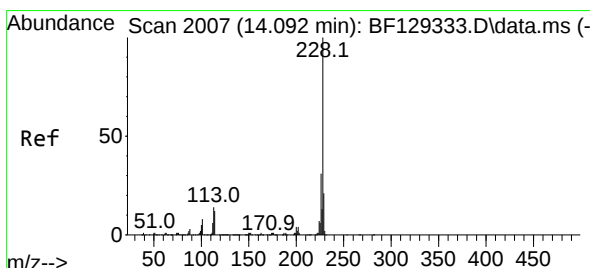
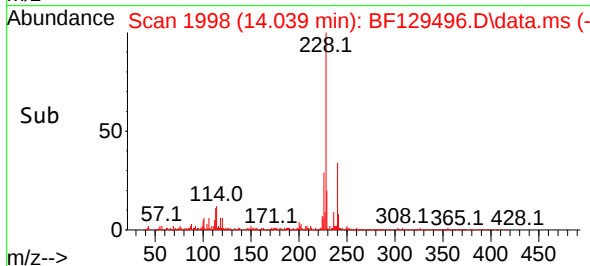
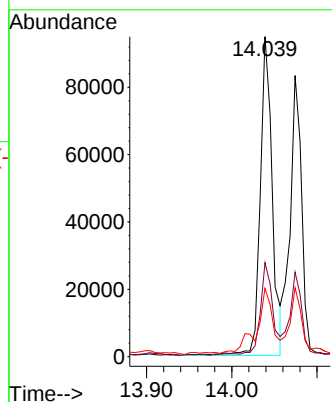
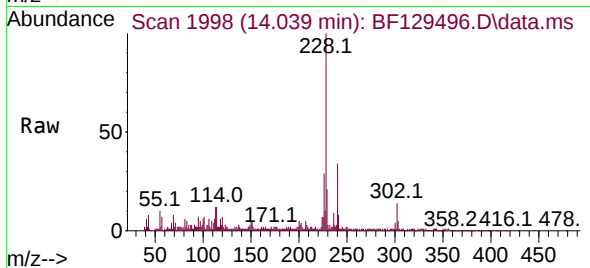
#81
Benzo(a)anthracene
Concen: 4.933 ng
RT: 14.039 min Scan# 19
Delta R.T. -0.000 min
Lab File: BF129496.D
Acq: 02 Aug 2022 03:17

Instrument :
BNA_F
ClientSampleId :
RVE-72

Tgt Ion:228 Resp: 9260
Ion Ratio Lower Upper
228 100
226 29.3 22.1 33.1
229 21.3 15.8 23.8

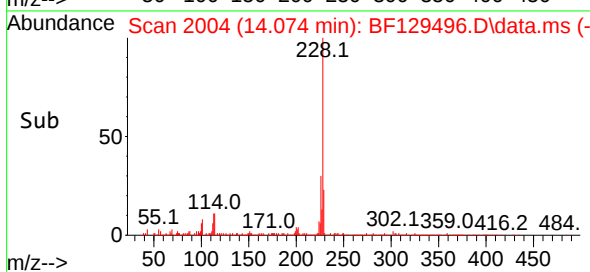
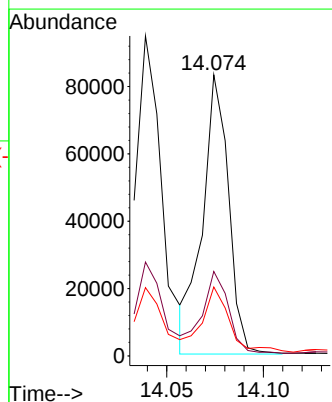
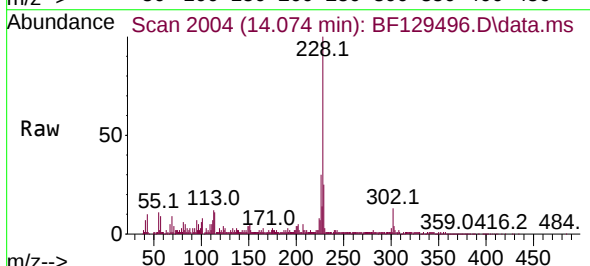
Manual Integrations
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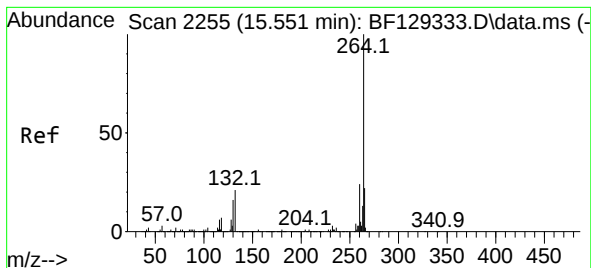
Reviewed By :Christian Giraldo 08/02/2022
Supervised By :Jagrut Upadhyay 08/02/2022



#83
Chrysene
Concen: 4.414 ng m
RT: 14.074 min Scan# 2004
Delta R.T. -0.000 min
Lab File: BF129496.D
Acq: 02 Aug 2022 03:17

Tgt Ion:228 Resp: 78105
Ion Ratio Lower Upper
228 100
226 30.0 24.3 36.5
229 24.5 15.9 23.9#





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.539 min Scan# 2179

Delta R.T. 0.012 min

Lab File: BF129496.D

Acq: 02 Aug 2022 03:17

Instrument :

BNA_F

ClientSampleId :

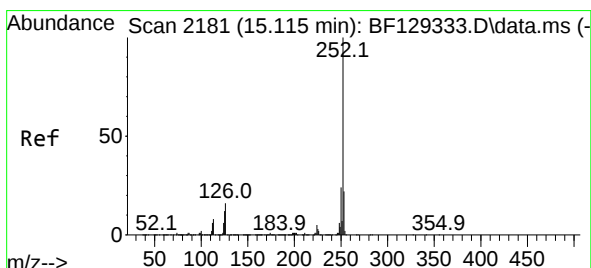
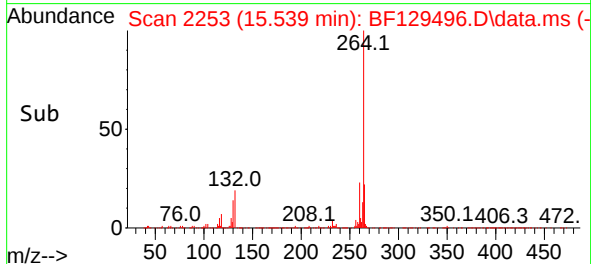
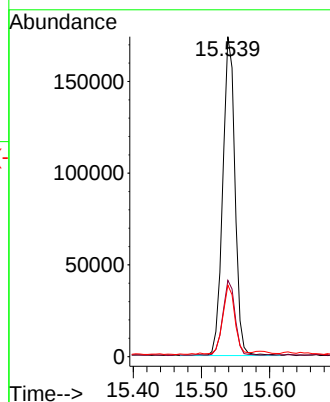
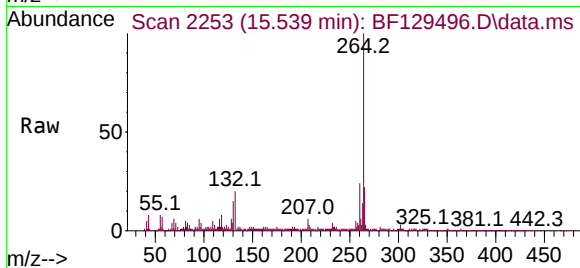
RVE-72

Tgt Ion:264 Resp: 214782
 Ion Ratio Lower Upper
 264 100
 260 23.8 18.4 27.6
 265 22.3 17.2 25.8

Manual Integrations

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Reviewed By :Christian Giraldo 08/02/2022
 Supervised By :Jagrut Upadhyay 08/02/2022



#88

Benzo(b)fluoranthene

Concen: 6.210 ng m

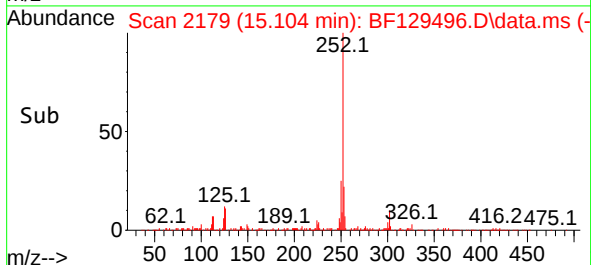
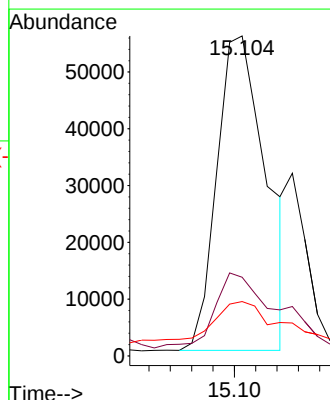
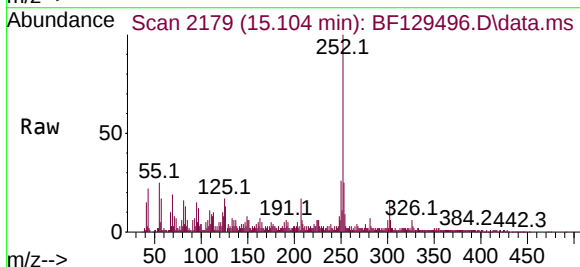
RT: 15.104 min Scan# 2179

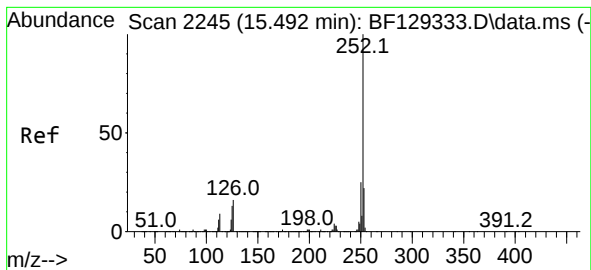
Delta R.T. 0.012 min

Lab File: BF129496.D

Acq: 02 Aug 2022 03:17

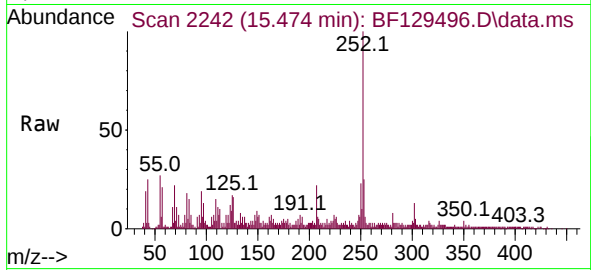
Tgt Ion:252 Resp: 88481
 Ion Ratio Lower Upper
 252 100
 253 24.6 17.7 26.5
 125 17.0 8.0 12.0#





#90
Benzo(a)pyrene
Concen: 4.931 ng
RT: 15.474 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF129496.D
Acq: 02 Aug 2022 03:17

Instrument :
BNA_F
ClientSampleId :
RVE-72



Tgt Ion:252 Resp: 57034
Ion Ratio Lower Upper
252 100
253 24.9 17.0 25.6
125 16.7 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 08/02/2022
Supervised By :Jagrut Upadhyay 08/02/2022

