

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081222\
 Data File : BF129752.D
 Acq On : 12 Aug 2022 19:24
 Operator : CG\JU
 Sample : N4183-02
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 STOCKPILE

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 08/15/2022
 Supervised By :Sohil Jodhani 08/16/2022

Quant Time: Aug 13 02:06:36 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 12 15:52:45 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.828	152	111837	20.000	ng	0.00
21) Naphthalene-d8	8.110	136	405176	20.000	ng	0.00
39) Acenaphthene-d10	9.869	164	179561	20.000	ng	0.00
64) Phenanthrene-d10	11.357	188	266558	20.000	ng	0.00
76) Chrysene-d12	14.004	240	261378	20.000	ng	0.00
86) Perylene-d12	15.480	264	262749	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	781723	113.864	ng	0.00
7) Phenol-d6	6.486	99	914568	105.983	ng	0.00
23) Nitrobenzene-d5	7.398	82	571957	77.059	ng	0.00
42) 2,4,6-Tribromophenol	10.663	330	175929	101.908	ng	0.00
45) 2-Fluorobiphenyl	9.186	172	900939	77.617	ng	0.00
79) Terphenyl-d14	12.939	244	786797	56.790	ng	0.00
Target Compounds						Qvalue
38) 1-Methylnaphthalene	8.922	142	34362	2.661	ng	99
52) Acenaphthene	9.898	154	190796	18.148	ng	98
55) Dibenzofuran	10.074	168	92757	6.400	ng	98
58) Fluorene	10.416	166	91240	7.868	ng	98
71) Phenanthrene	11.380	178	189804	13.044	ng	98
72) Anthracene	11.433	178	73293	5.126	ng	99
75) Fluoranthene	12.574	202	556531	37.748	ng	98
78) Pyrene	12.804	202	380146	17.392	ng	100
81) Benzo(a)anthracene	13.998	228	120544	6.751	ng	99
83) Chrysene	14.033	228	103957	6.178	ng	98
88) Benzo(b)fluoranthene	15.051	252	98231m	5.636	ng	
90) Benzo(a)pyrene	15.415	252	61176	4.324	ng	# 96

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

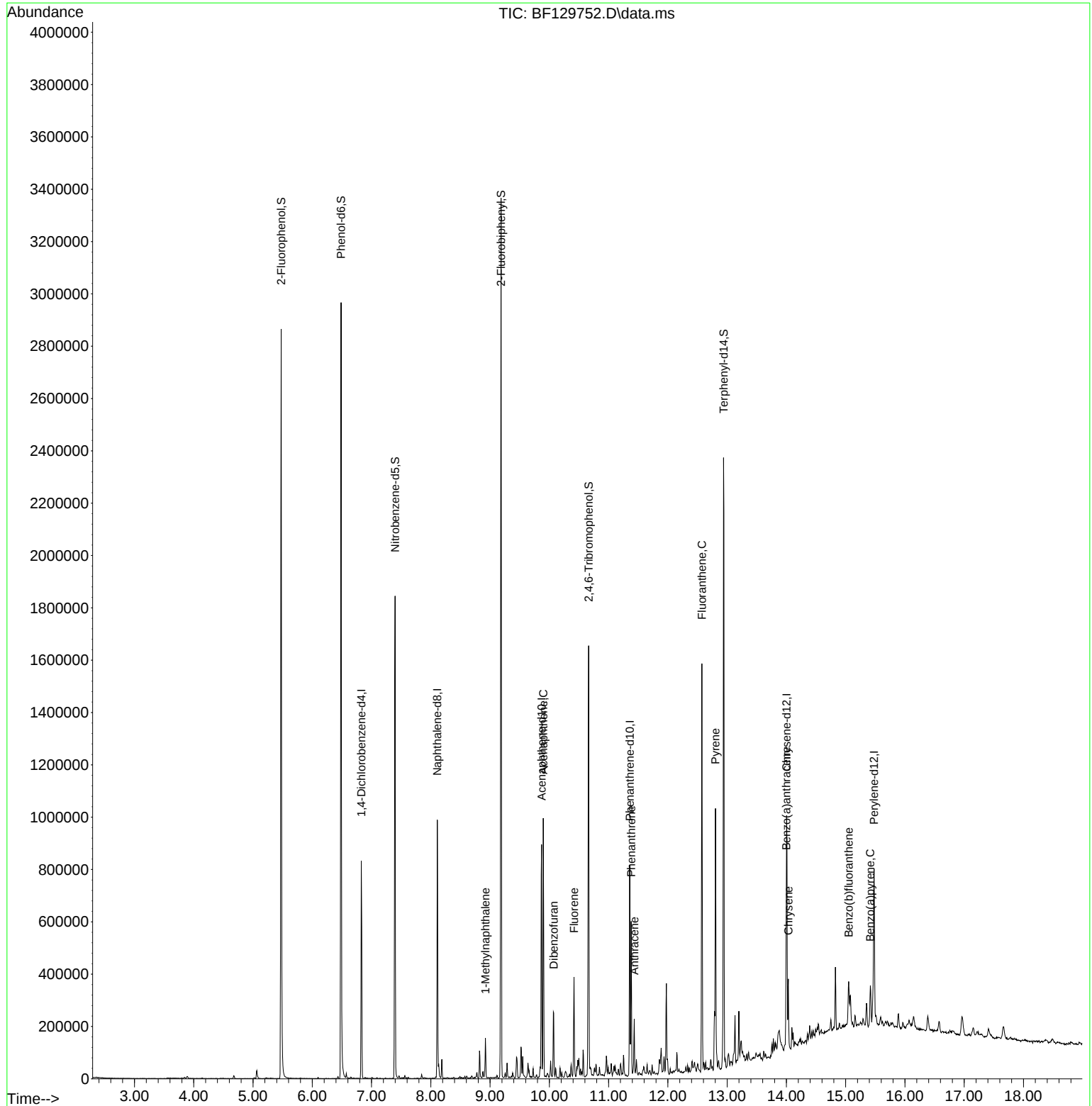
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081222\
Data File : BF129752.D
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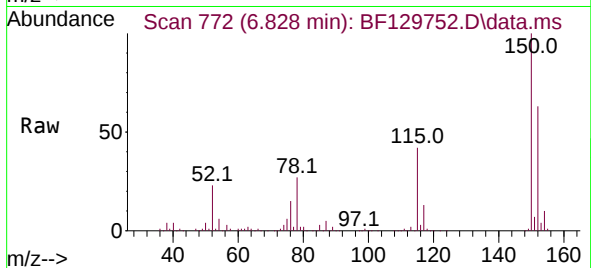
Quant Time: Aug 13 02:06:36 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 12 15:52:45 2022
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.828 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF129752.D
Acq: 12 Aug 2022 19:24

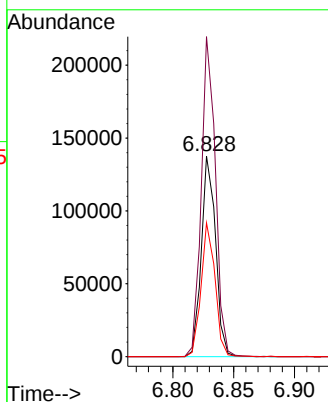
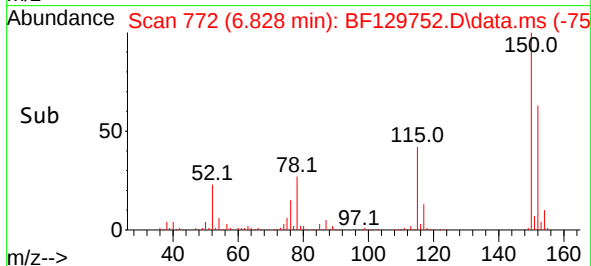
Instrument :
BNA_F
ClientSampleId :
STOCKPILE



Tgt Ion:152 Resp: 11183
Ion Ratio Lower Upper
152 100
150 159.6 123.7 185.5
115 66.6 49.9 74.9

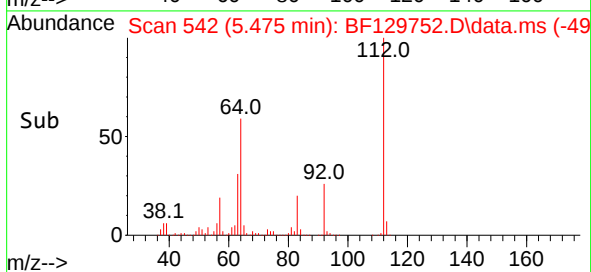
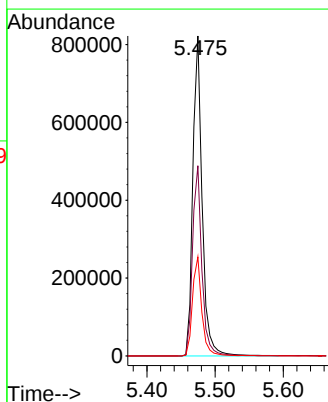
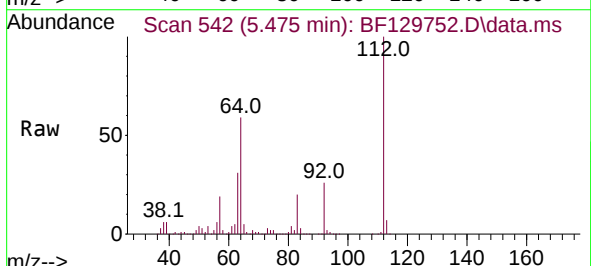
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#5
2-Fluorophenol
Concen: 113.864 ng
RT: 5.475 min Scan# 542
Delta R.T. 0.006 min
Lab File: BF129752.D
Acq: 12 Aug 2022 19:24

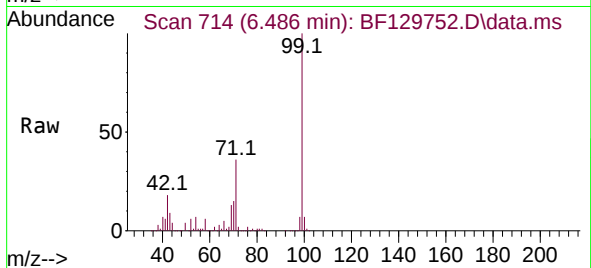
Tgt Ion:112 Resp: 781723
Ion Ratio Lower Upper
112 100
64 59.4 53.3 79.9
63 30.9 28.0 42.0





#7
Phenol-d6
Concen: 105.983 ng
RT: 6.486 min Scan# 719
Delta R.T. -0.006 min
Lab File: BF129752.D
Acq: 12 Aug 2022 19:24

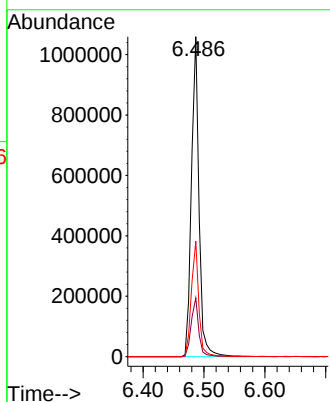
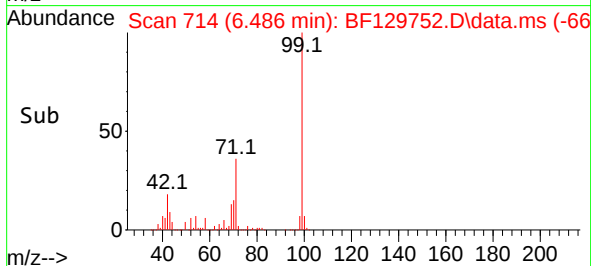
Instrument :
BNA_F
ClientSampleId :
STOCKPILE



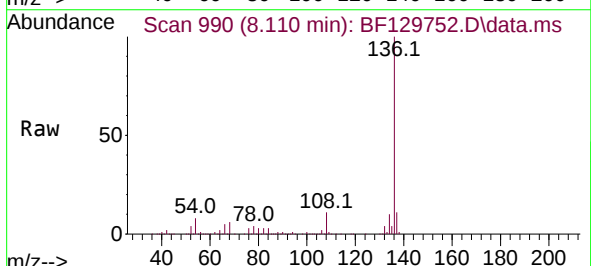
Tgt Ion: 99 Resp: 914568
Ion Ratio Lower Upper
99 100
42 18.3 17.3 25.9
71 36.0 28.9 43.3

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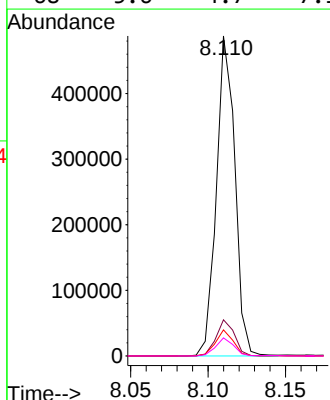
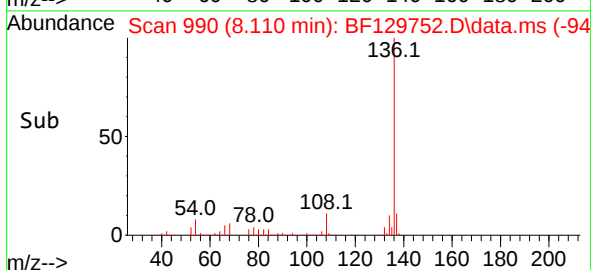
Reviewed By :Jagrut Upadhyay 08/15/2022
Supervised By :Sohil Jodhani 08/16/2022



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.110 min Scan# 990
Delta R.T. -0.006 min
Lab File: BF129752.D
Acq: 12 Aug 2022 19:24



Tgt Ion:136 Resp: 405176
Ion Ratio Lower Upper
136 100
137 11.3 8.8 13.2
54 8.1 7.5 11.3
68 5.6 4.7 7.1





#23

Nitrobenzene-d5

Concen: 77.059 ng

RT: 7.398 min Scan# 80

Delta R.T. -0.006 min

Lab File: BF129752.D

Acq: 12 Aug 2022 19:24

Instrument :

BNA_F

ClientSampleId :

STOCKPILE

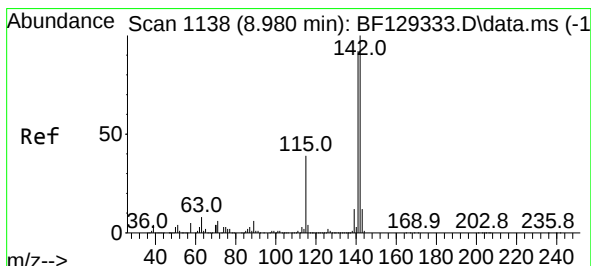
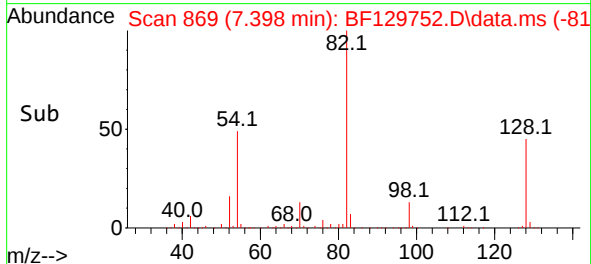
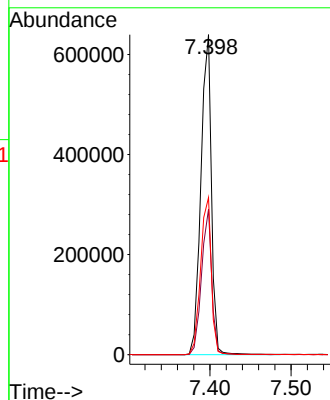
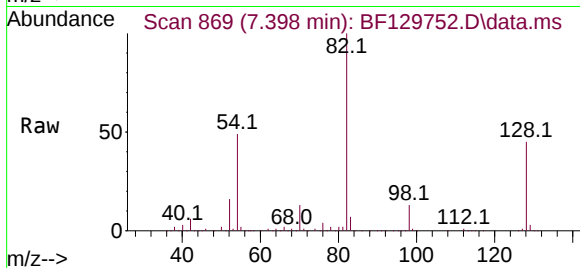
Tgt Ion: 82 Resp: 57195

Ion	Ratio	Lower	Upper
82	100		
128	45.4	34.0	51.0
54	49.1	46.9	70.3

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#38

1-Methylnaphthalene

Concen: 2.661 ng

RT: 8.922 min Scan# 1128

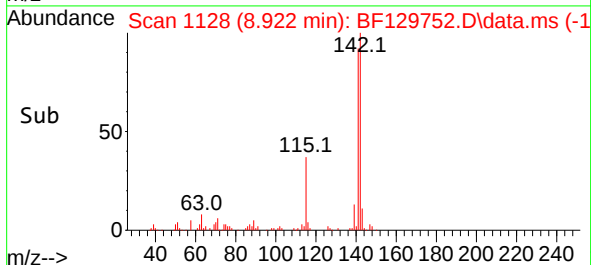
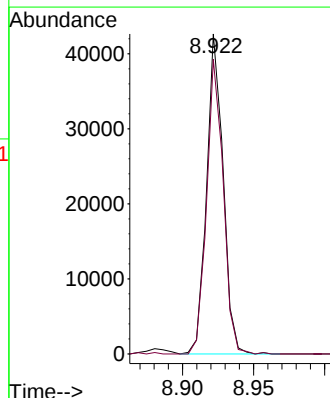
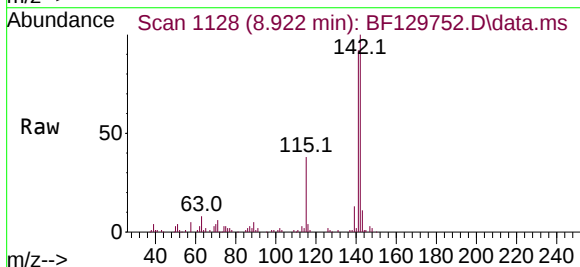
Delta R.T. -0.006 min

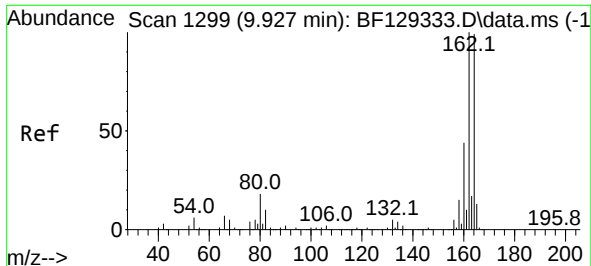
Lab File: BF129752.D

Acq: 12 Aug 2022 19:24

Tgt Ion:142 Resp: 34362

Ion	Ratio	Lower	Upper
142	100		
141	92.0	74.2	111.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.869 min Scan# 1289

Delta R.T. -0.000 min

Lab File: BF129752.D

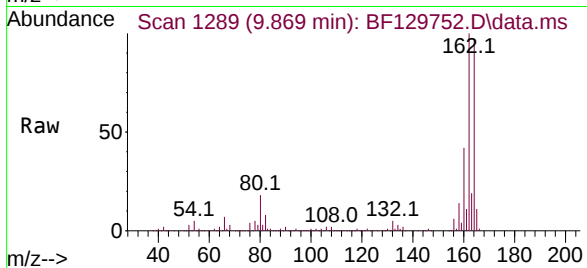
Acq: 12 Aug 2022 19:24

Instrument :

BNA_F

ClientSampleId :

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Tgt Ion:164 Resp: 17956

Ion Ratio Lower Upper

164 100

162 103.4 79.5 119.3

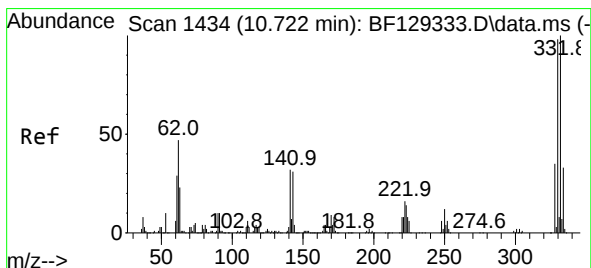
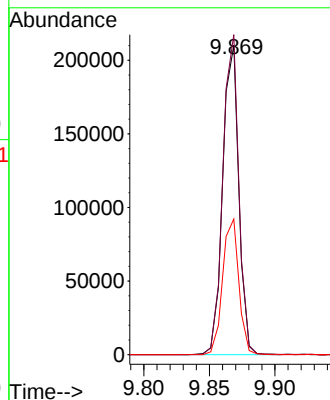
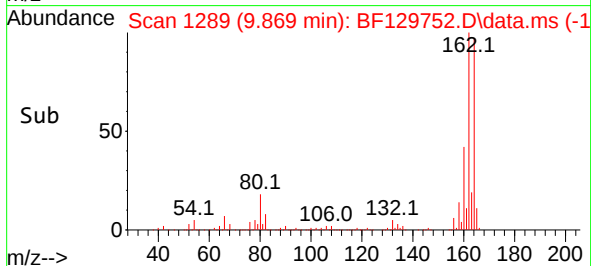
160 43.8 34.2 51.4

Manual Integrations

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#42

2,4,6-Tribromophenol

Concen: 101.908 ng

RT: 10.663 min Scan# 1424

Delta R.T. -0.006 min

Lab File: BF129752.D

Acq: 12 Aug 2022 19:24

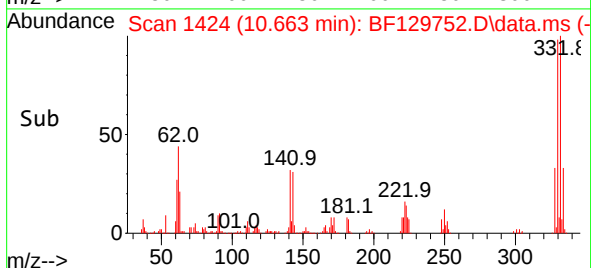
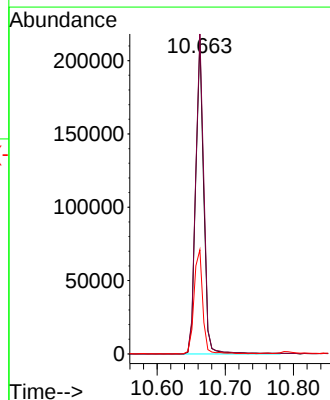
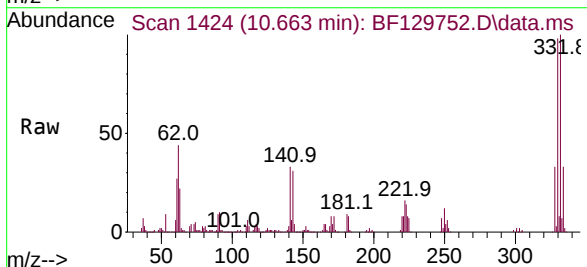
Tgt Ion:330 Resp: 175929

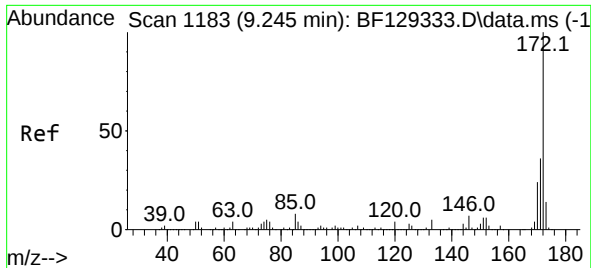
Ion Ratio Lower Upper

330 100

332 103.8 76.8 115.2

141 36.0 28.0 42.0





#45
2-Fluorobiphenyl
Concen: 77.617 ng
RT: 9.186 min Scan# 1183
Delta R.T. -0.006 min
Lab File: BF129752.D
Acq: 12 Aug 2022 19:24

Instrument :

BNA_F

ClientSampleId :

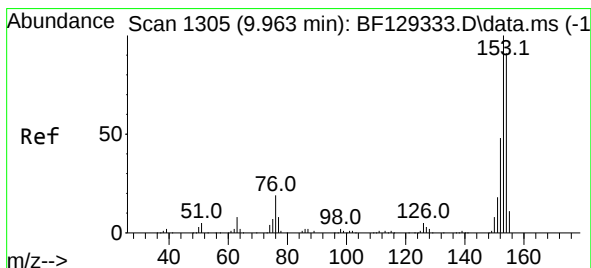
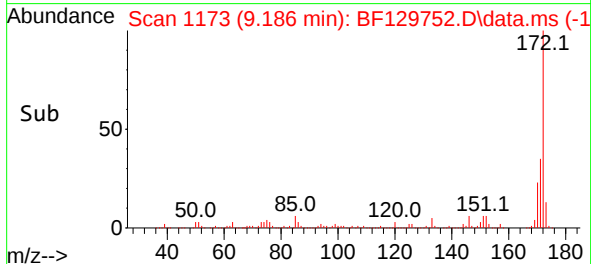
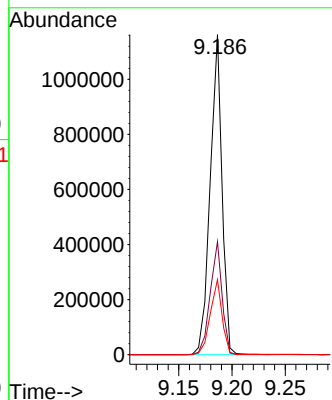
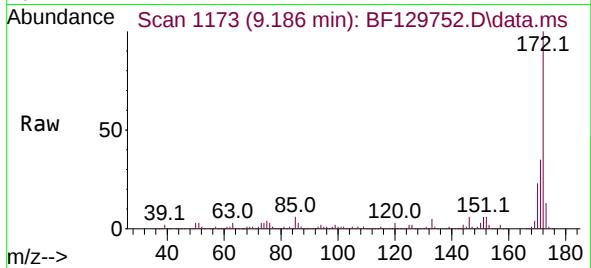
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Tgt Ion:172 Resp: 900939
Ion Ratio Lower Upper
172 100
171 35.3 28.8 43.2
170 23.4 19.8 29.8

Manual Integrations

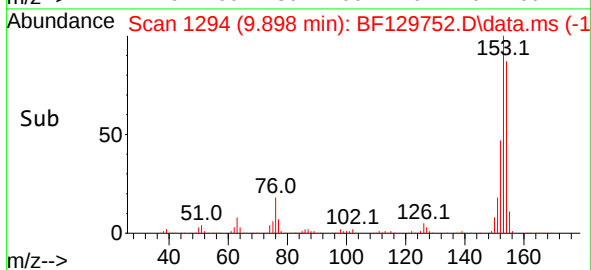
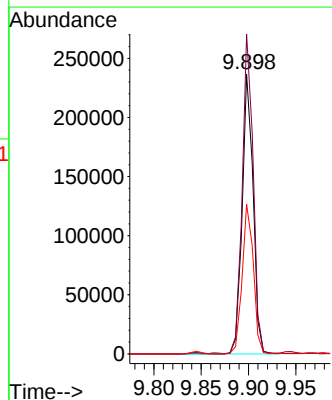
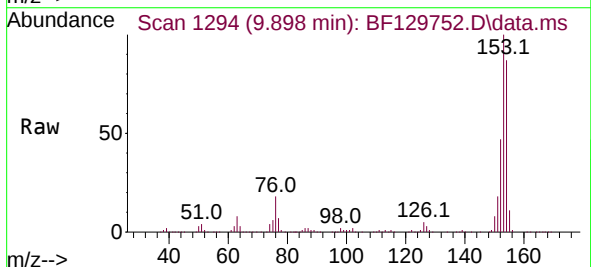
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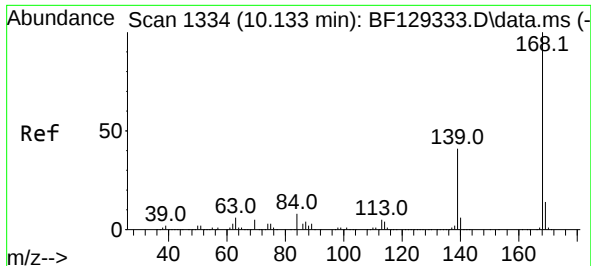
Reviewed By :Jagrut Upadhyay 08/15/2022
Supervised By :Sohil Jodhani 08/16/2022



#52
Acenaphthene
Concen: 18.148 ng
RT: 9.898 min Scan# 1294
Delta R.T. -0.006 min
Lab File: BF129752.D
Acq: 12 Aug 2022 19:24

Tgt Ion:154 Resp: 190796
Ion Ratio Lower Upper
154 100
153 114.4 89.6 134.4
152 53.5 42.4 63.6





#55

Dibenzenofuran

Concen: 6.400 ng

RT: 10.074 min Scan# 1324

Delta R.T. -0.006 min

Lab File: BF129752.D

Acq: 12 Aug 2022 19:24

Instrument :

BNA_F

ClientSampleId :

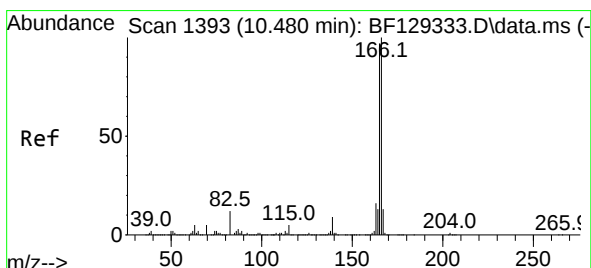
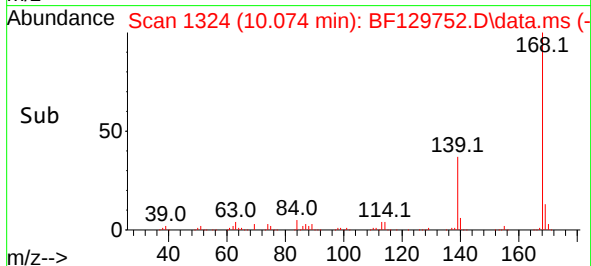
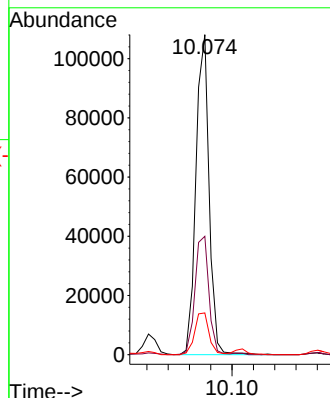
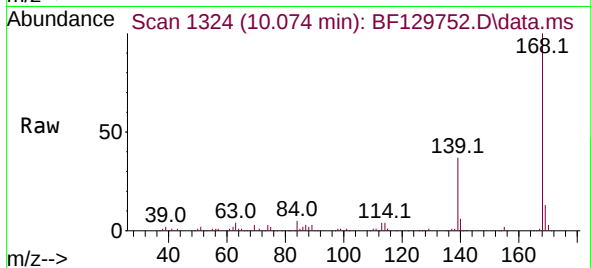
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Tgt Ion:168 Resp: 92752
 Ion Ratio Lower Upper
 168 100
 139 37.0 30.6 46.0
 169 13.0 11.0 16.6

Manual Integrations

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#58

Fluorene

Concen: 7.868 ng

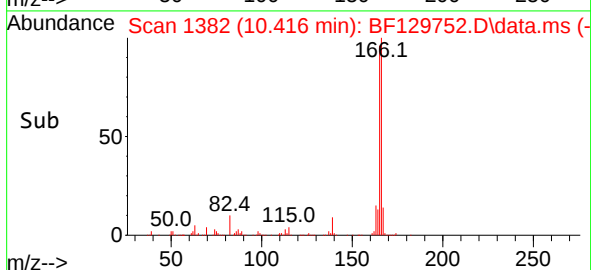
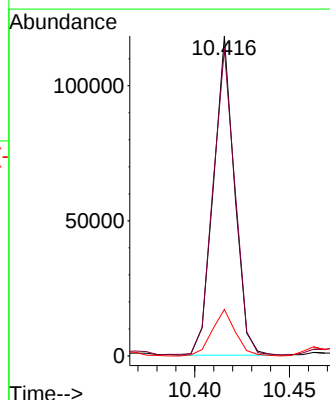
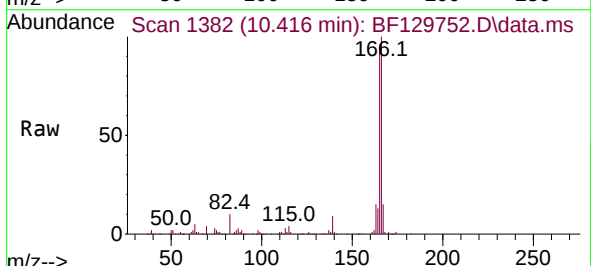
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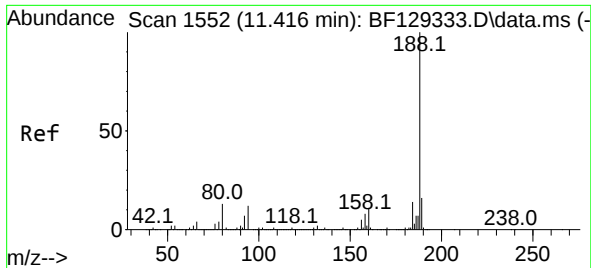
Delta R.T. -0.006 min

Lab File: BF129752.D

Acq: 12 Aug 2022 19:24

Tgt Ion:166 Resp: 91240
 Ion Ratio Lower Upper
 166 100
 165 96.0 78.1 117.1
 167 14.5 10.5 15.7





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.357 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF129752.D
Acq: 12 Aug 2022 19:24

Instrument :

BNA_F

ClientSampleId :

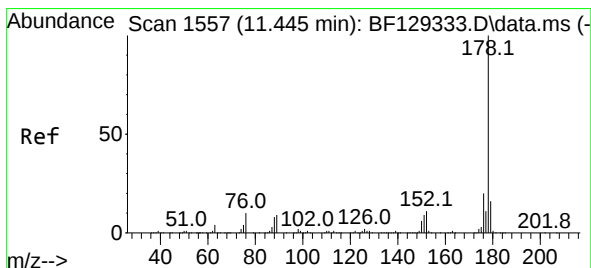
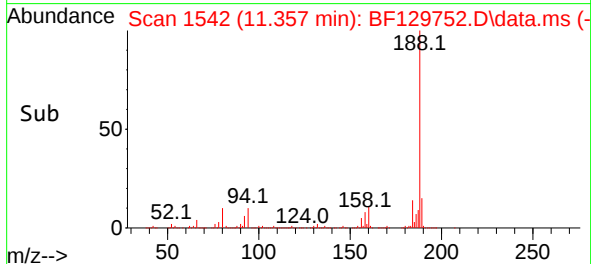
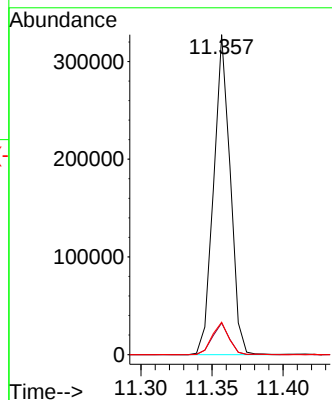
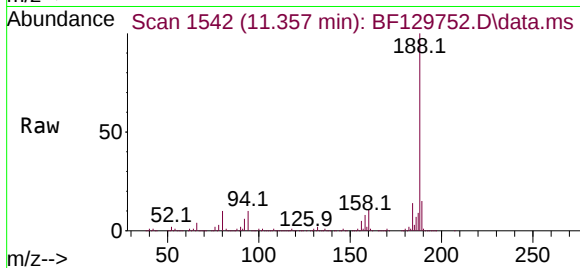
STOCKPILE

Tgt Ion:188 Resp: 266558
Ion Ratio Lower Upper
188 100
94 9.9 7.0 10.6
80 10.2 7.6 11.4

Manual Integrations

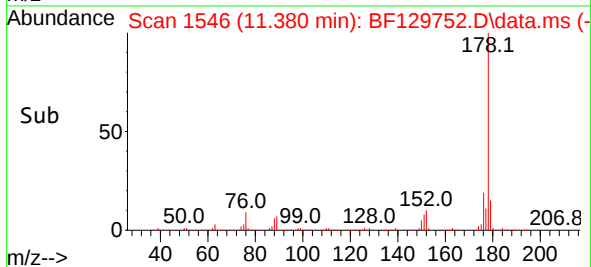
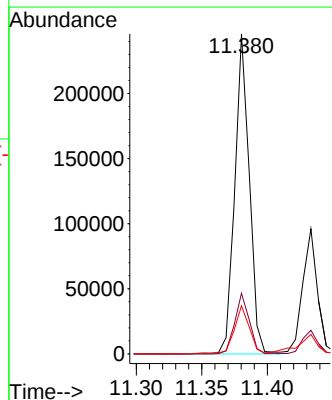
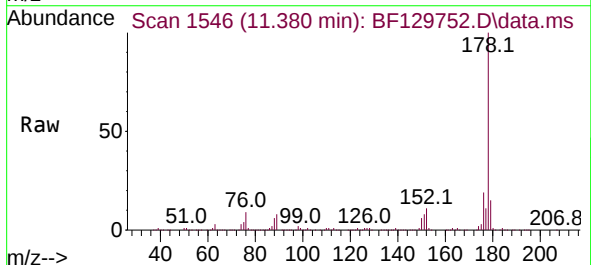
APPROVED

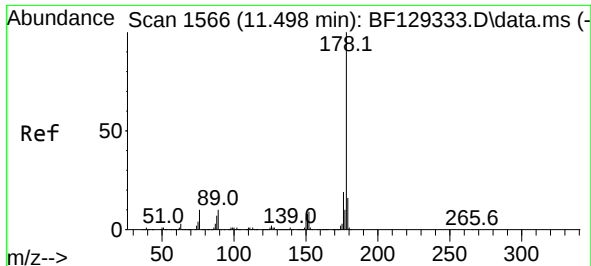
Reviewed By :Jagrut Upadhyay 08/15/2022
Supervised By :Sohil Jodhani 08/16/2022



#71
Phenanthrene
Concen: 13.044 ng
RT: 11.380 min Scan# 1546
Delta R.T. -0.006 min
Lab File: BF129752.D
Acq: 12 Aug 2022 19:24

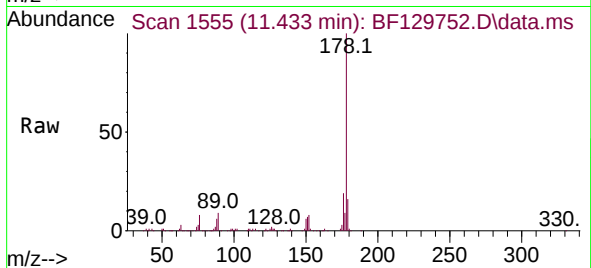
Tgt Ion:178 Resp: 189804
Ion Ratio Lower Upper
178 100
176 18.9 16.0 24.0
179 15.0 12.6 19.0





#72
 Anthracene
 Concen: 5.126 ng
 RT: 11.433 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF129752.D
 Acq: 12 Aug 2022 19:24

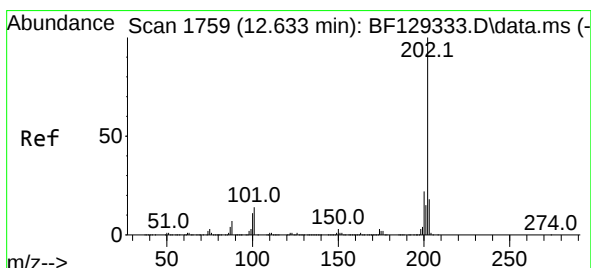
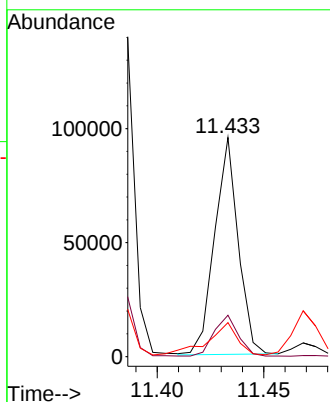
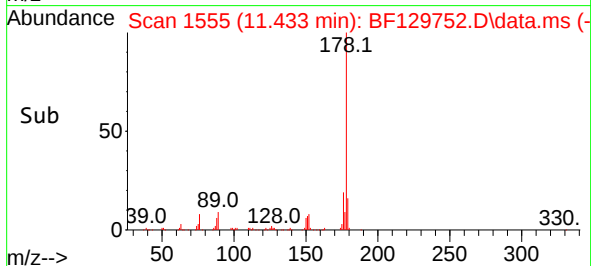
Instrument :
 BNA_F
 ClientSampleId :
 STOCKPILE



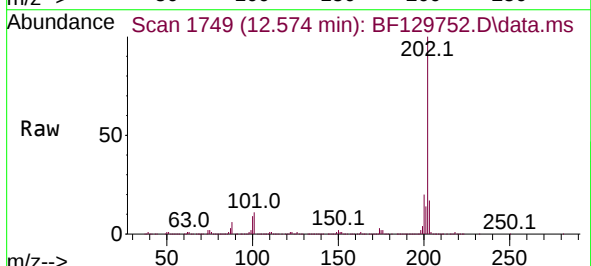
Tgt Ion:178 Resp: 73293
 Ion Ratio Lower Upper
 178 100
 176 18.9 15.4 23.2
 179 15.5 12.6 19.0

Manual Integrations
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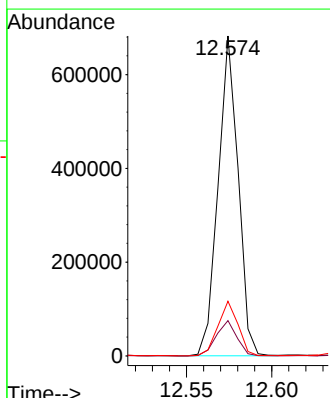
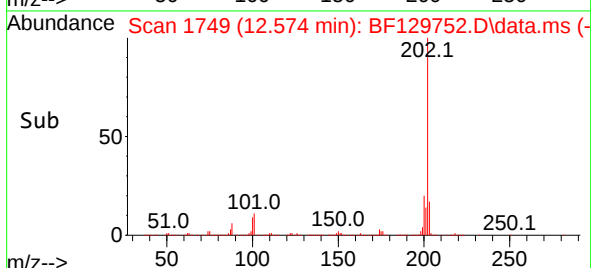
Reviewed By :Jagrut Upadhyay 08/15/2022
 Supervised By :Sohil Jodhani 08/16/2022

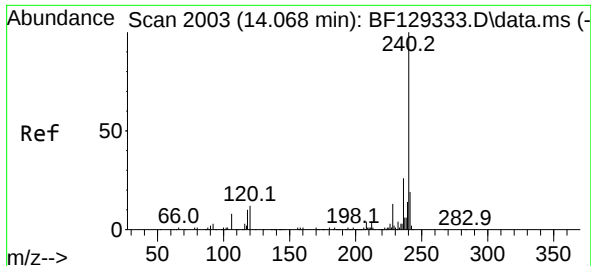


#75
 Fluoranthene
 Concen: 37.748 ng
 RT: 12.574 min Scan# 1749
 Delta R.T. -0.006 min
 Lab File: BF129752.D
 Acq: 12 Aug 2022 19:24



Tgt Ion:202 Resp: 556531
 Ion Ratio Lower Upper
 202 100
 101 11.1 0.0 31.4
 203 17.1 0.0 38.0





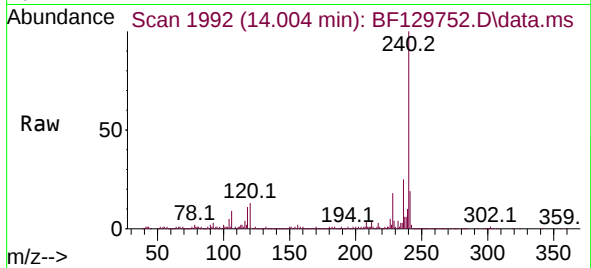
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.004 min Scan# 1992
Delta R.T. -0.006 min
Lab File: BF129752.D
Acq: 12 Aug 2022 19:24

Instrument :

BNA_F

ClientSampleId :

STOCKPILE

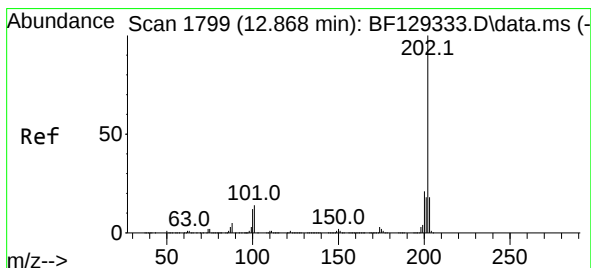
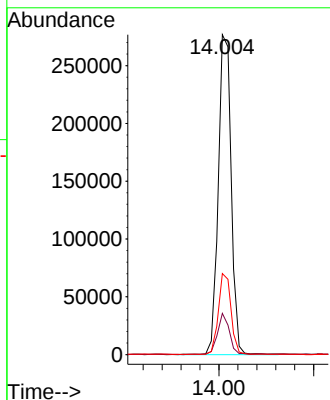
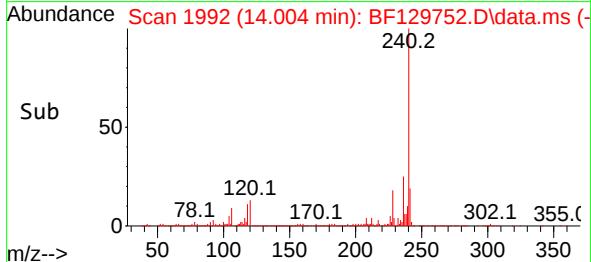


Tgt Ion:240 Resp: 261378
Ion Ratio Lower Upper
240 100
120 12.9 8.9 13.3
236 25.3 20.8 31.2

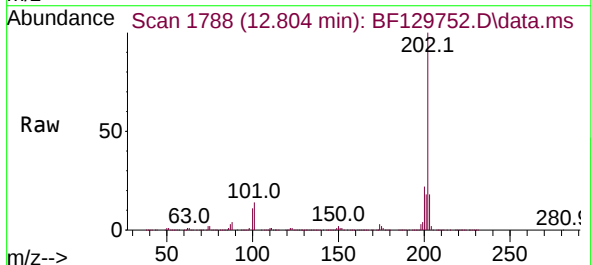
Manual Integrations

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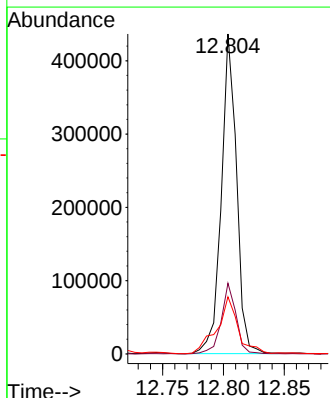
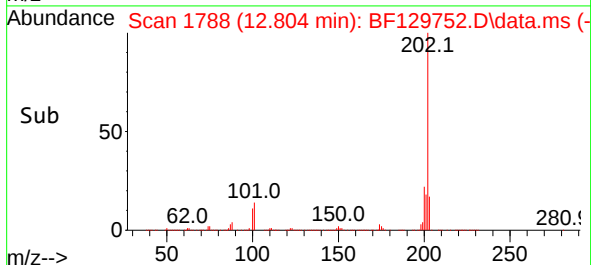
Reviewed By :Jagrut Upadhyay 08/15/2022
Supervised By :Sohil Jodhani 08/16/2022

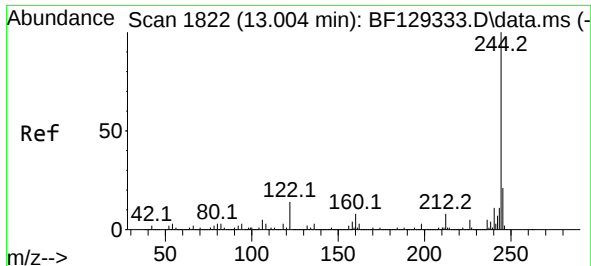


#78
Pyrene
Concen: 17.392 ng
RT: 12.804 min Scan# 1788
Delta R.T. -0.006 min
Lab File: BF129752.D
Acq: 12 Aug 2022 19:24



Tgt Ion:202 Resp: 380146
Ion Ratio Lower Upper
202 100
200 22.1 17.7 26.5
203 17.8 14.6 21.8





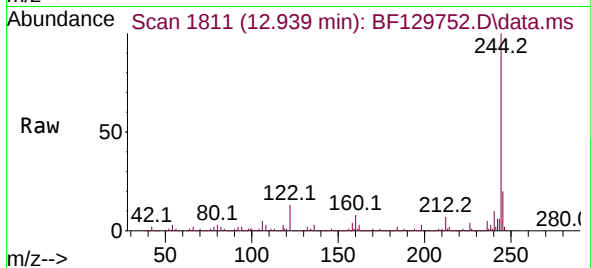
#79
 Terphenyl-d14
 Concen: 56.790 ng
 RT: 12.939 min Scan# 1822
 Delta R.T. -0.006 min
 Lab File: BF129752.D
 Acq: 12 Aug 2022 19:24

Instrument :

BNA_F

ClientSampleId :

STOCKPILE

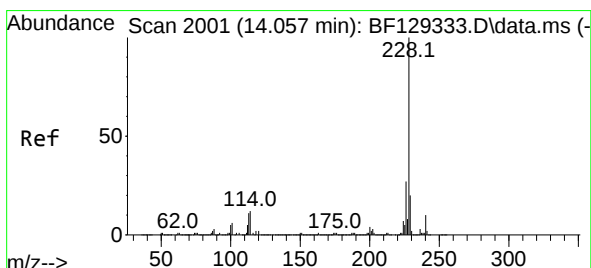
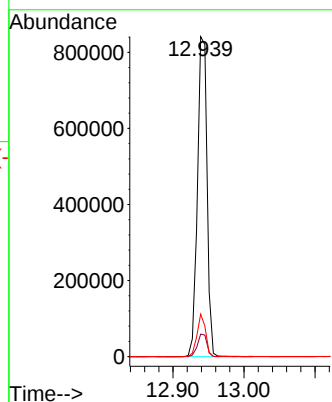
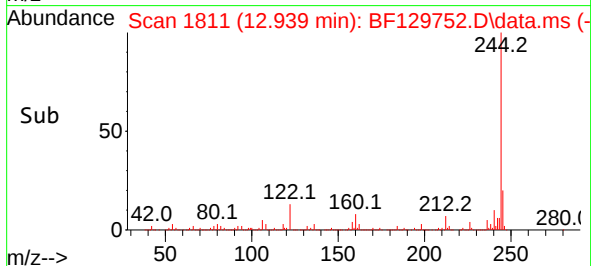


Tgt Ion:244 Resp: 786792
 Ion Ratio Lower Upper
 244 100
 212 7.0 6.1 9.1
 122 13.3 8.8 13.2

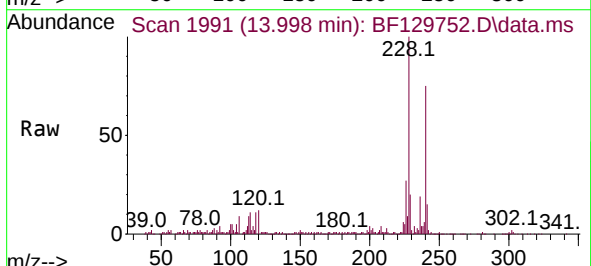
Manual Integrations

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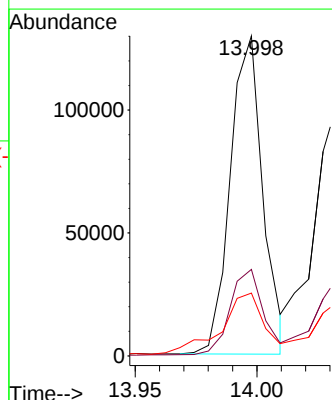
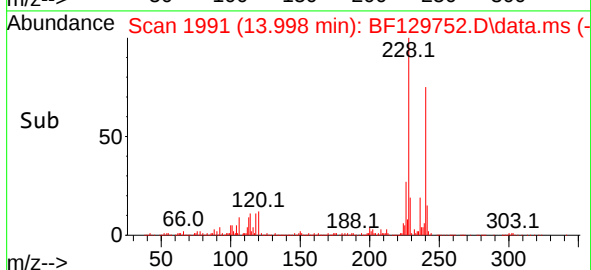
Reviewed By :Jagrut Upadhyay 08/15/2022
 Supervised By :Sohil Jodhani 08/16/2022

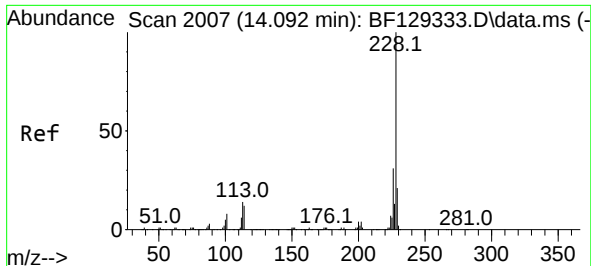


#81
 Benzo(a)anthracene
 Concen: 6.751 ng
 RT: 13.998 min Scan# 1991
 Delta R.T. -0.000 min
 Lab File: BF129752.D
 Acq: 12 Aug 2022 19:24



Tgt Ion:228 Resp: 120544
 Ion Ratio Lower Upper
 228 100
 226 27.0 22.1 33.1
 229 19.7 15.8 23.8





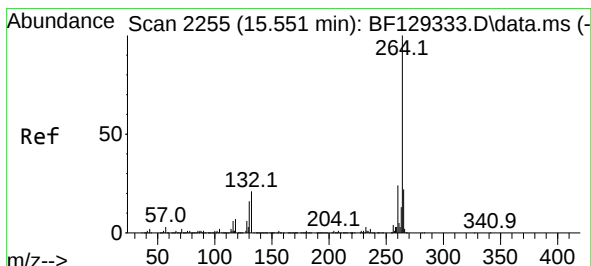
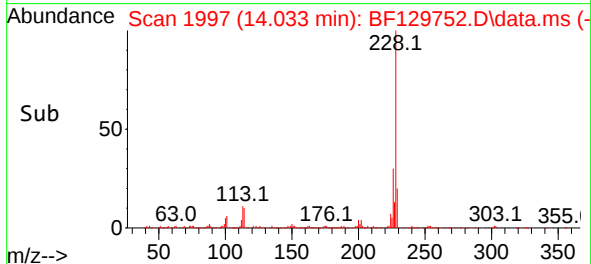
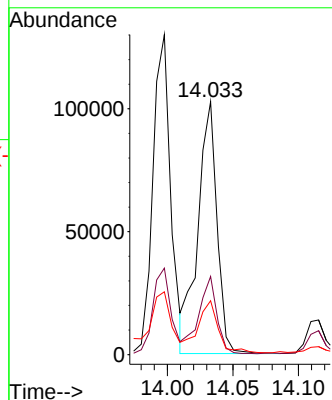
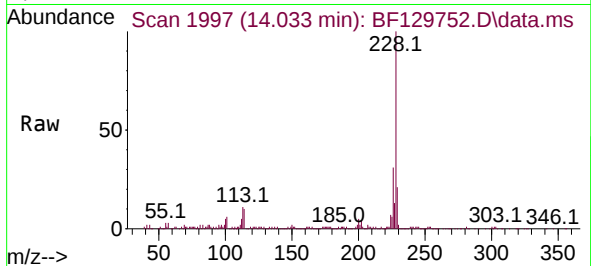
#83
Chrysene
Concen: 6.178 ng
RT: 14.033 min Scan# 1997
Delta R.T. -0.006 min
Lab File: BF129752.D
Acq: 12 Aug 2022 19:24

Instrument :
BNA_F
ClientSampleId :
STOCKPILE

Tgt Ion:228 Resp: 103952
Ion Ratio Lower Upper
228 100
226 30.9 24.3 36.5
229 21.3 15.9 23.9

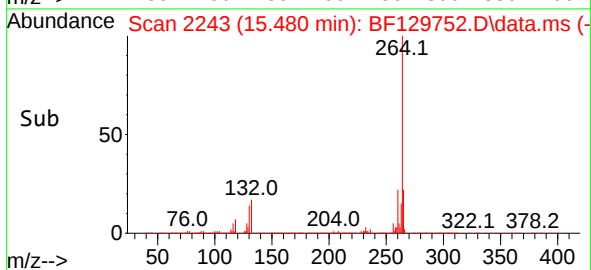
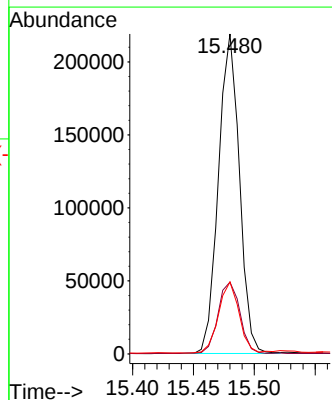
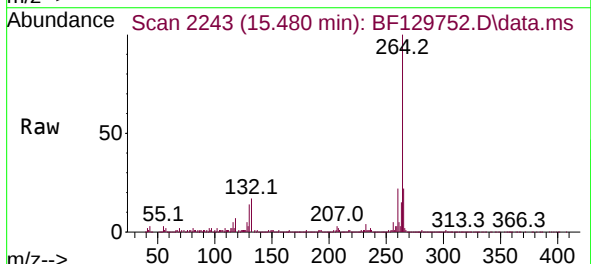
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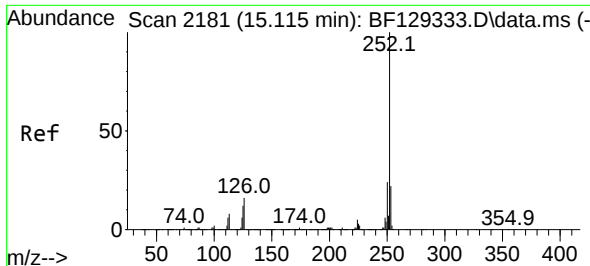
Reviewed By :Jagrut Upadhyay 08/15/2022
Supervised By :Sohil Jodhani 08/16/2022



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.480 min Scan# 2243
Delta R.T. -0.000 min
Lab File: BF129752.D
Acq: 12 Aug 2022 19:24

Tgt Ion:264 Resp: 262749
Ion Ratio Lower Upper
264 100
260 22.4 18.4 27.6
265 22.5 17.2 25.8





#88
Benzo(b)fluoranthene
Concen: 5.636 ng m
RT: 15.051 min Scan# 2181
Delta R.T. -0.000 min
Lab File: BF129752.D
Acq: 12 Aug 2022 19:24

Instrument :

BNA_F

ClientSampleId :

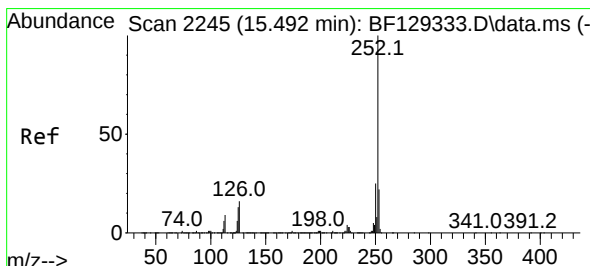
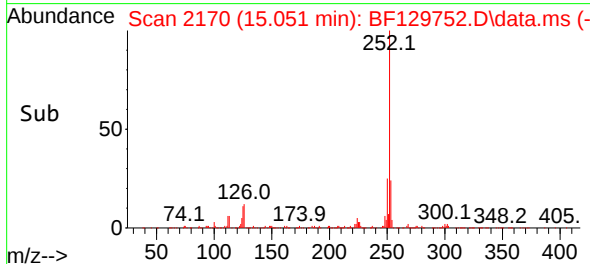
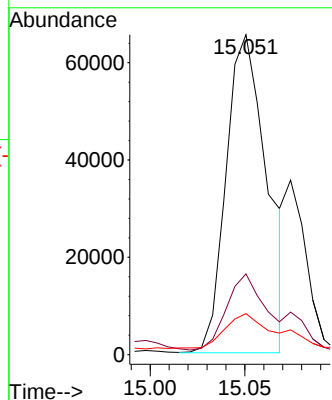
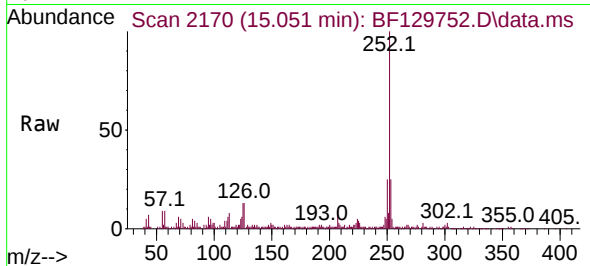
STOCKPILE

Tgt Ion:252 Resp: 98231
Ion Ratio Lower Upper
252 100
253 25.2 17.7 26.5
125 12.8 8.0 12.0

Manual Integrations

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Reviewed By :Jagrut Upadhyay 08/15/2022
Supervised By :Sohil Jodhani 08/16/2022



#90
Benzo(a)pyrene
Concen: 4.324 ng
RT: 15.415 min Scan# 2232
Delta R.T. -0.006 min
Lab File: BF129752.D
Acq: 12 Aug 2022 19:24

Tgt Ion:252 Resp: 61176
Ion Ratio Lower Upper
252 100
253 23.0 17.0 25.6
125 13.4 8.8 13.2

