

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080422\
 Data File : BF129583.D
 Acq On : 04 Aug 2022 22:39
 Operator : CG\JU
 Sample : N3931-02
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RVE-114

Manual Integrations
 APPROVED

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

Quant Time: Aug 05 02:10:23 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 05 02:05:37 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.857	152	171852	20.000	ng	0.00
21) Naphthalene-d8	8.139	136	629086	20.000	ng	0.00
39) Acenaphthene-d10	9.898	164	276517	20.000	ng	0.00
64) Phenanthrene-d10	11.386	188	383273	20.000	ng	0.00
76) Chrysene-d12	14.033	240	302127	20.000	ng	0.00
86) Perylene-d12	15.515	264	251883	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	1115833	105.771	ng	0.00
7) Phenol-d6	6.516	99	1364379	102.893	ng	0.00
23) Nitrobenzene-d5	7.422	82	882639	76.591	ng	-0.01
42) 2,4,6-Tribromophenol	10.692	330	265514	99.873	ng	0.00
45) 2-Fluorobiphenyl	9.216	172	1452606	81.265	ng	0.00
79) Terphenyl-d14	12.974	244	1126282	70.329	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	11.410	178	75238	3.596	ng	99
75) Fluoranthene	12.598	202	138210	6.520	ng	97
78) Pyrene	12.833	202	150841	5.970	ng	95
81) Benzo(a)anthracene	14.021	228	71292m	3.454	ng	
83) Chrysene	14.056	228	91401	4.699	ng	98
88) Benzo(b)fluoranthene	15.074	252	107681m	6.445	ng	
90) Benzo(a)pyrene	15.451	252	60012	4.425	ng	# 97
92) Benzo(g,h,i)perylene	17.462	276	41787	2.962	ng	95

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

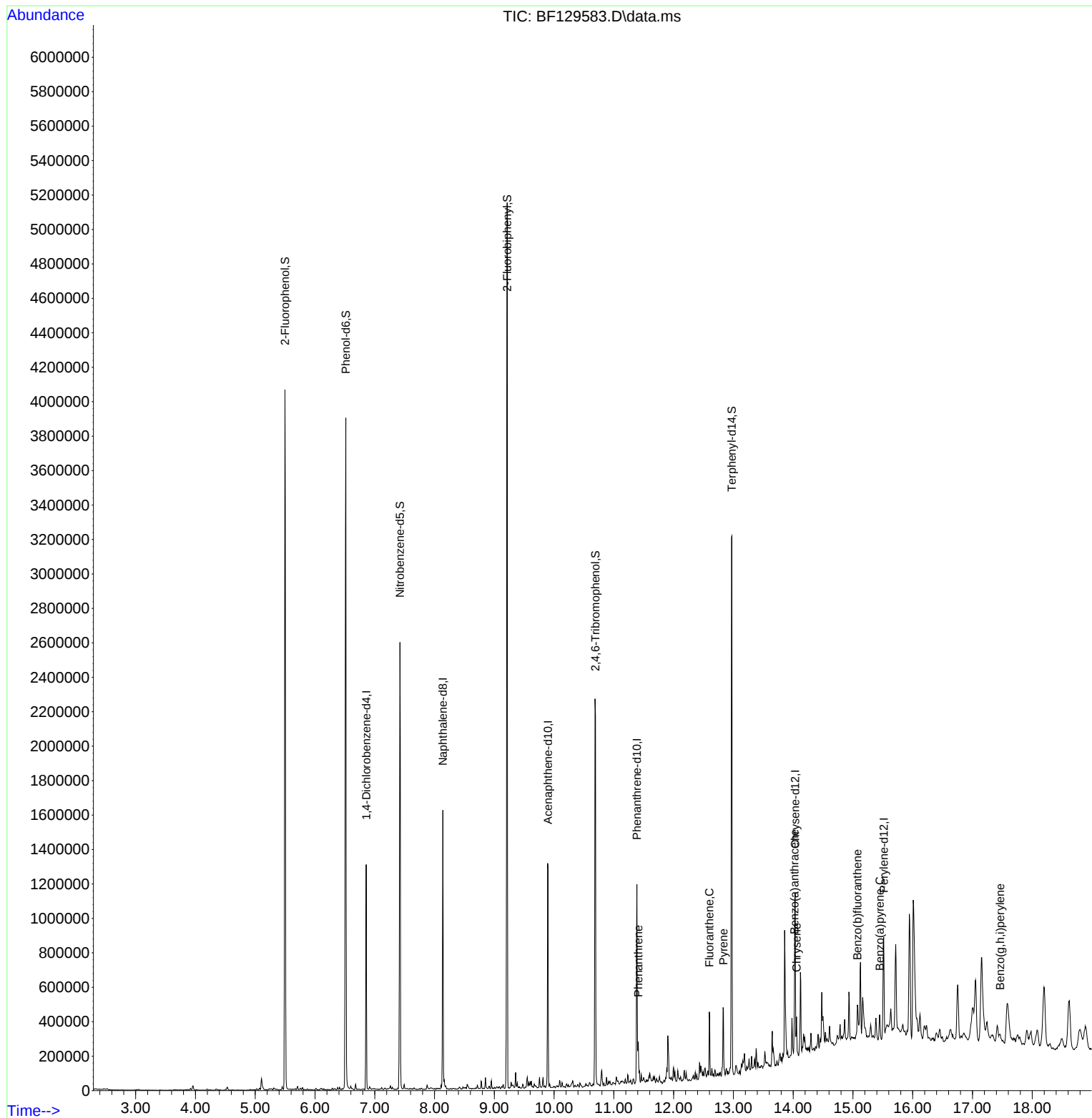
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080422\
Data File : BF129583.D
Acq On : 04 Aug 2022 22:39
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ALS Vial : 13 Sample Multiplier: 1

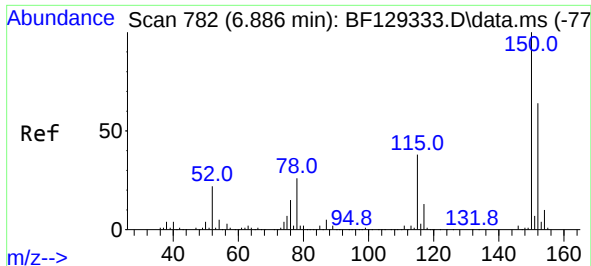
Instrument :
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RVE-114

Quant Time: Aug 05 02:10:23 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 05 02:05:37 2022
Response via : Initial Calibration

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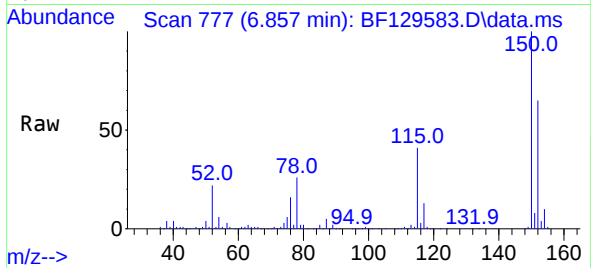
Reviewed By :Christian Giraldo 08/05/2022
Supervised By :Jagrut Upadhyay 08/05/2022





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.857 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF129583.D
Acq: 04 Aug 2022 22:39

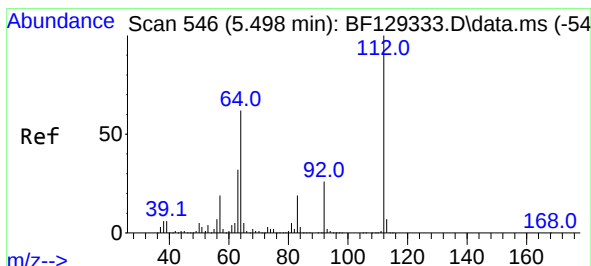
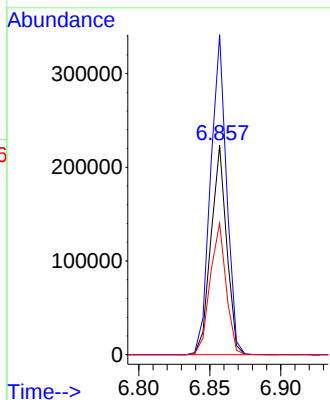
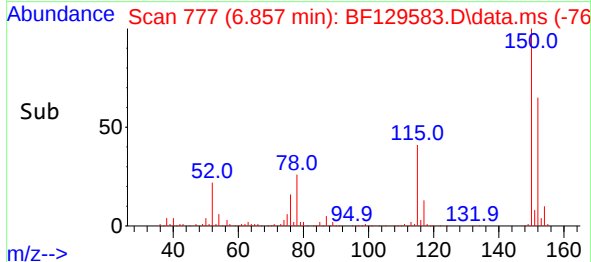
Instrument :
BNA_F
ClientSampleId :
RVE-114



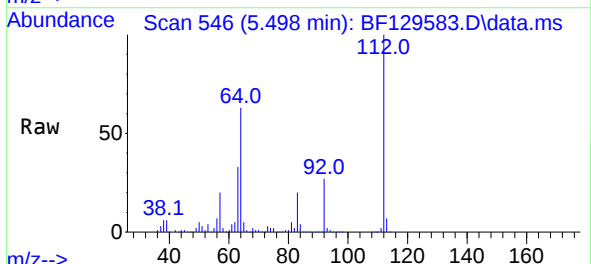
Tgt Ion:152 Resp: 171852
Ion Ratio Lower Upper
152 100
150 152.9 123.7 185.5
115 62.8 49.9 74.9

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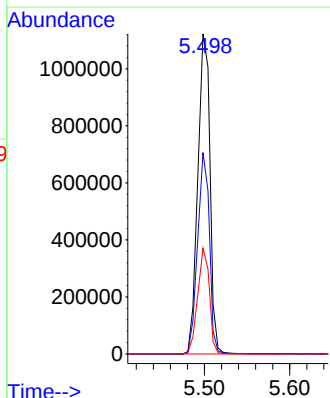
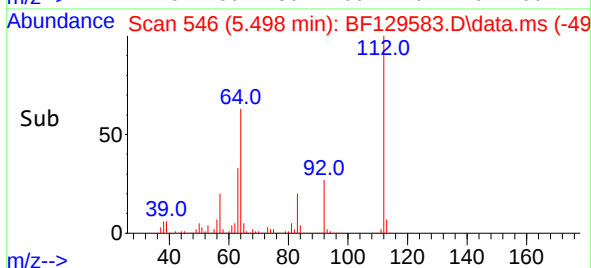
Reviewed By :Christian Giraldo 08/05/2022
Supervised By :Jagrut Upadhyay 08/05/2022

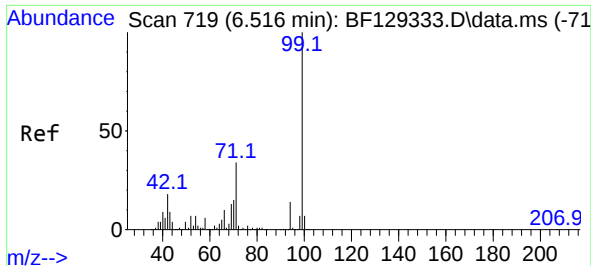


#5
2-Fluorophenol
Concen: 105.771 ng
RT: 5.498 min Scan# 546
Delta R.T. 0.006 min
Lab File: BF129583.D
Acq: 04 Aug 2022 22:39



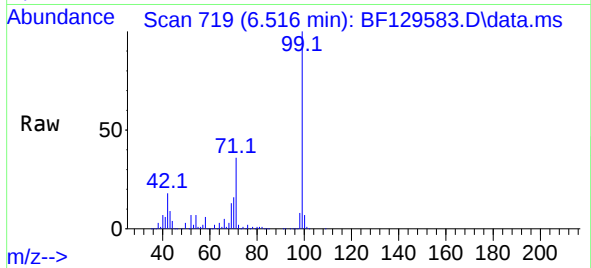
Tgt Ion:112 Resp: 1115833
Ion Ratio Lower Upper
112 100
64 62.9 53.3 79.9
63 33.1 28.0 42.0





#7
Phenol-d6
Concen: 102.893 ng
RT: 6.516 min Scan# 719
Delta R.T. -0.000 min
Lab File: BF129583.D
Acq: 04 Aug 2022 22:39

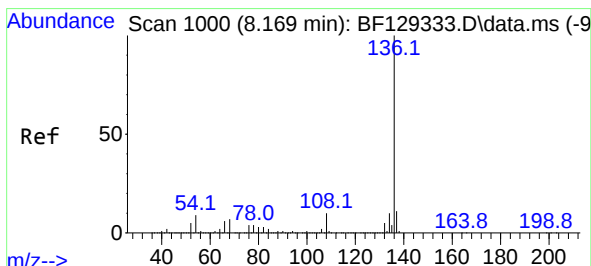
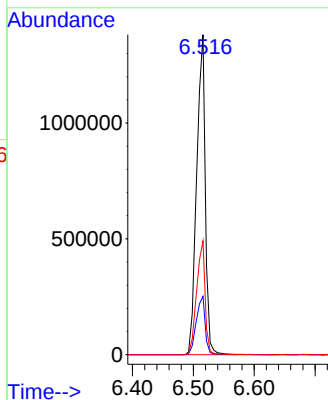
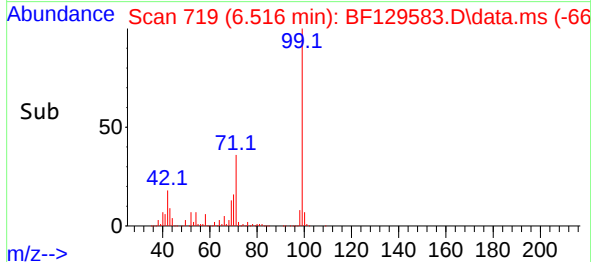
Instrument :
BNA_F
ClientSampleId :
RVE-114



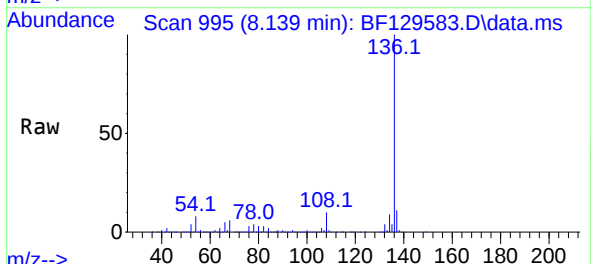
Tgt Ion: 99 Resp: 1364379
Ion Ratio Lower Upper
99 100
42 18.2 17.3 25.9
71 35.5 28.9 43.3

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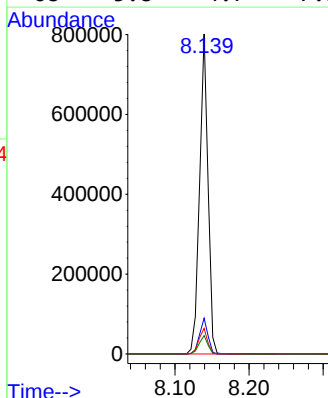
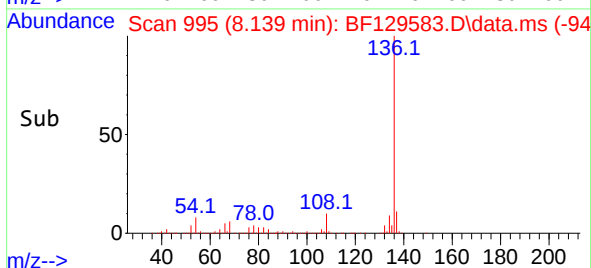
Reviewed By :Christian Giraldo 08/05/2022
Supervised By :Jagrut Upadhyay 08/05/2022

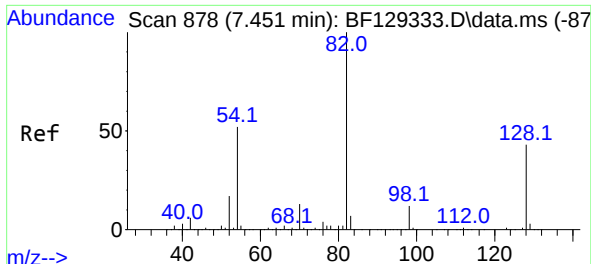


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.139 min Scan# 995
Delta R.T. -0.006 min
Lab File: BF129583.D
Acq: 04 Aug 2022 22:39



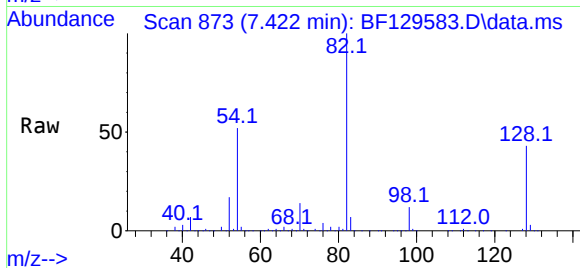
Tgt Ion:136 Resp: 629086
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 8.0 7.5 11.3
68 5.8 4.7 7.1





#23
Nitrobenzene-d5
Concen: 76.591 ng
RT: 7.422 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF129583.D
Acq: 04 Aug 2022 22:39

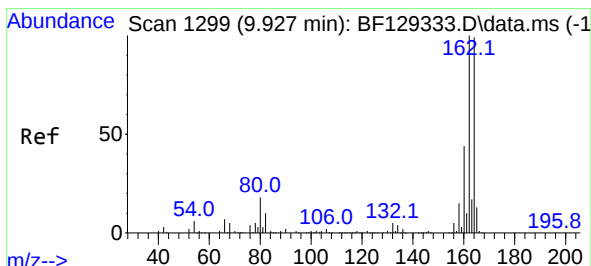
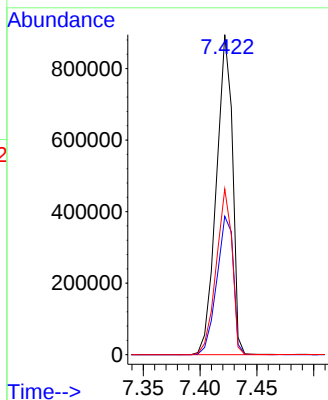
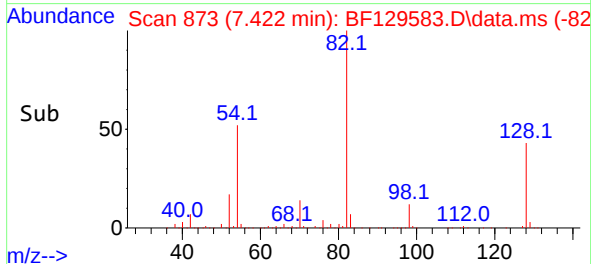
Instrument :
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Tgt Ion: 82 Resp: 882639
Ion Ratio Lower Upper
82 100
128 43.2 34.0 51.0
54 51.8 46.9 70.3

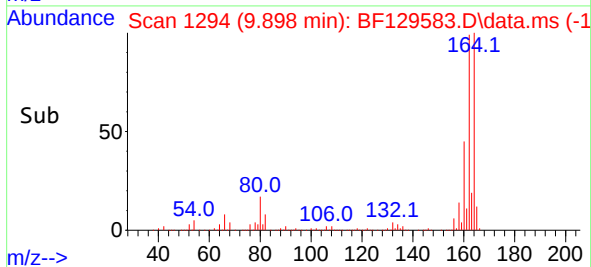
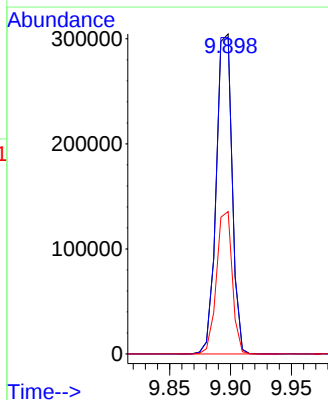
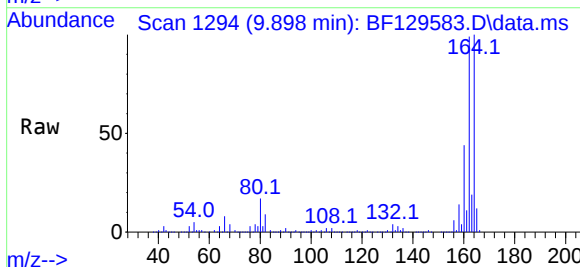
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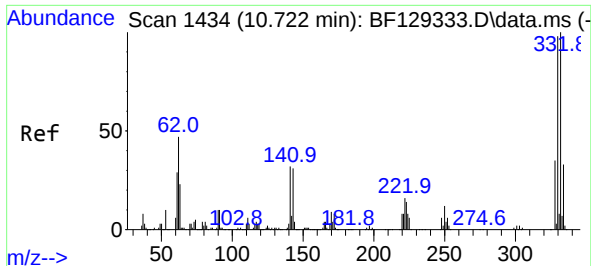
Reviewed By :Christian Giraldo 08/05/2022
Supervised By :Jagrut Upadhyay 08/05/2022



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.898 min Scan# 1294
Delta R.T. -0.006 min
Lab File: BF129583.D
Acq: 04 Aug 2022 22:39

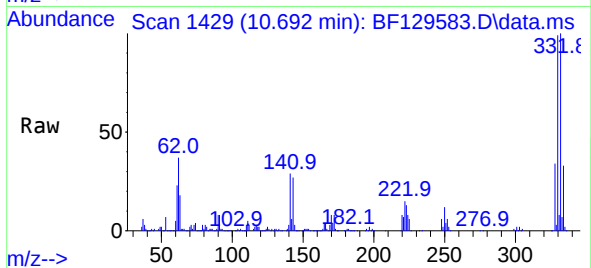
Tgt Ion:164 Resp: 276517
Ion Ratio Lower Upper
164 100
162 98.9 79.5 119.3
160 44.5 34.2 51.4





#42
2,4,6-Tribromophenol
Concen: 99.873 ng
RT: 10.692 min Scan# 1434
Delta R.T. -0.006 min
Lab File: BF129583.D
Acq: 04 Aug 2022 22:39

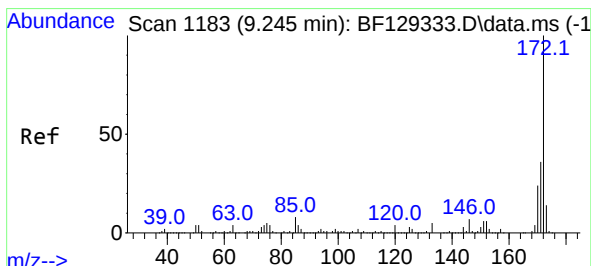
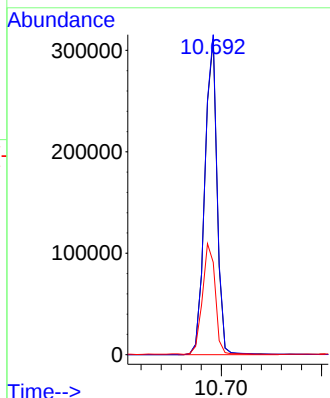
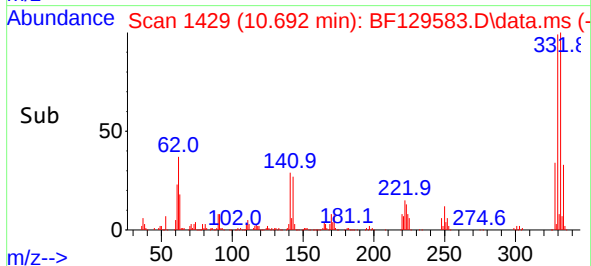
Instrument :
BNA_F
ClientSampleId :
RVE-114



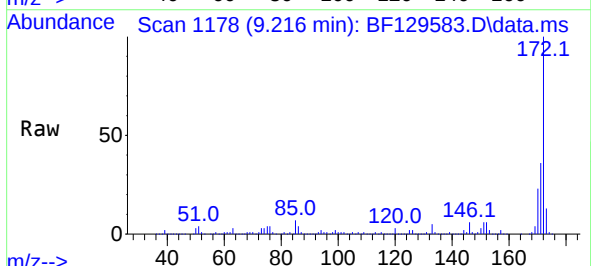
Tgt Ion: 330 Resp: 265514
Ion Ratio Lower Upper
330 100
332 101.7 76.8 115.2
141 36.7 28.0 42.0

Manual Integrations
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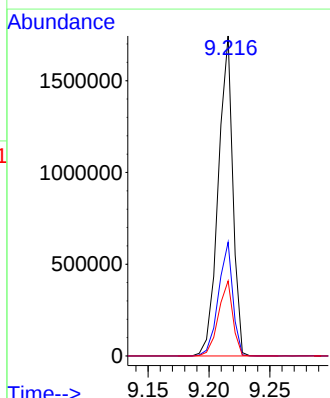
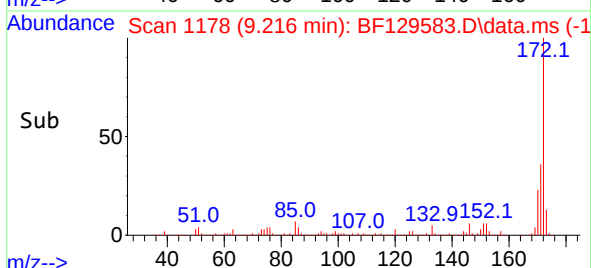
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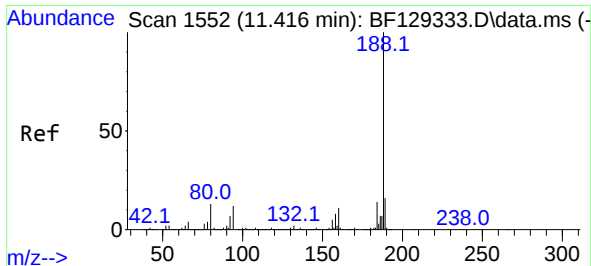


#45
2-Fluorobiphenyl
Concen: 81.265 ng
RT: 9.216 min Scan# 1178
Delta R.T. -0.006 min
Lab File: BF129583.D
Acq: 04 Aug 2022 22:39



Tgt Ion: 172 Resp: 1452606
Ion Ratio Lower Upper
172 100
171 35.6 28.8 43.2
170 23.4 19.8 29.8





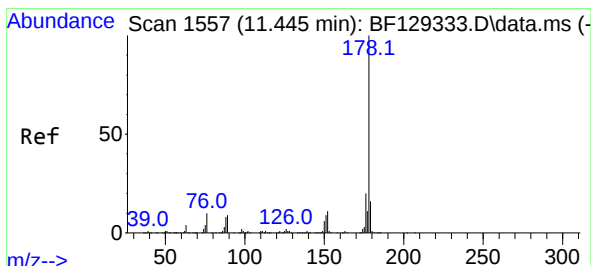
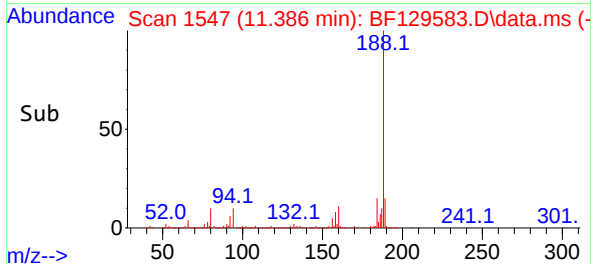
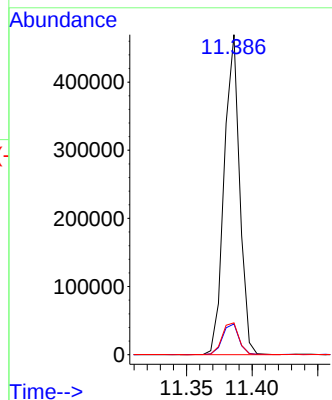
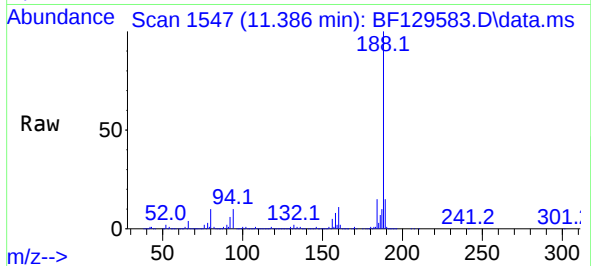
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.386 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF129583.D
Acq: 04 Aug 2022 22:39

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ClientSampleId :
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Tgt Ion:188 Resp: 38327
Ion Ratio Lower Upper
188 100
94 9.6 7.0 10.6
80 9.9 7.6 11.4

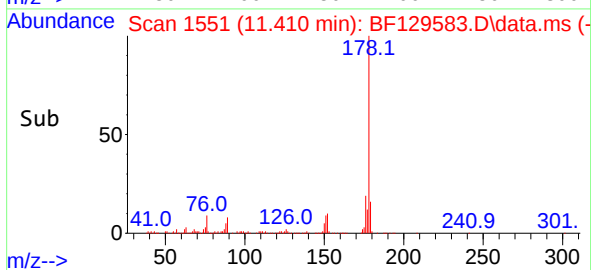
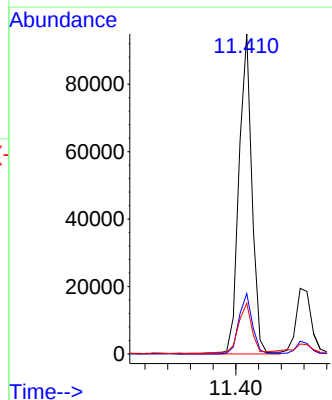
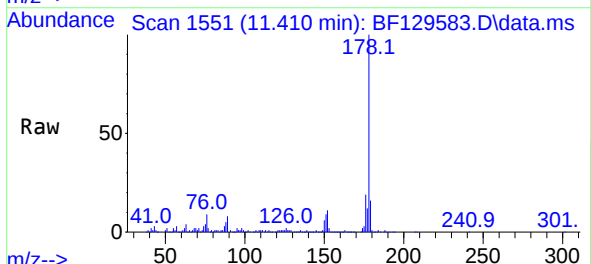
Manual Integrations
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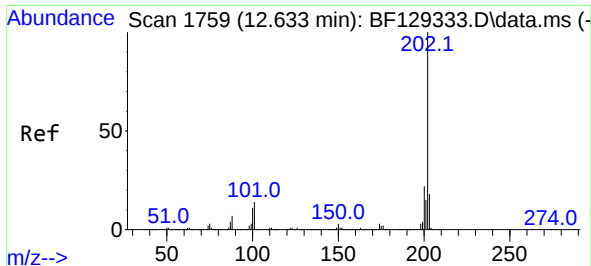
Reviewed By :Christian Giraldo 08/05/2022
Supervised By :Jagrut Upadhyay 08/05/2022



#71
Phenanthrene
Concen: 3.596 ng
RT: 11.410 min Scan# 1551
Delta R.T. -0.012 min
Lab File: BF129583.D
Acq: 04 Aug 2022 22:39

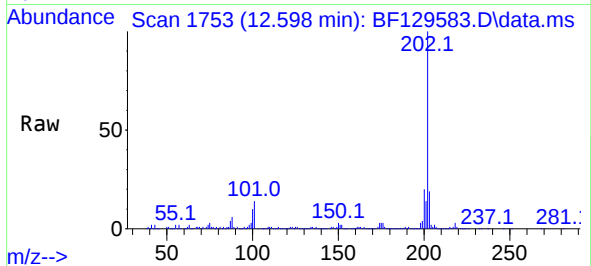
Tgt Ion:178 Resp: 75238
Ion Ratio Lower Upper
178 100
176 18.9 16.0 24.0
179 15.9 12.6 19.0





#75
Fluoranthene
Concen: 6.520 ng
RT: 12.598 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF129583.D
Acq: 04 Aug 2022 22:39

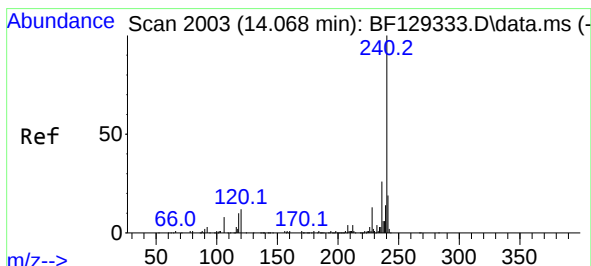
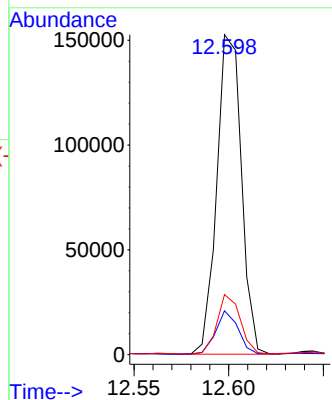
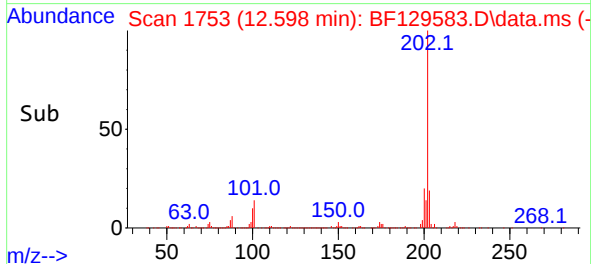
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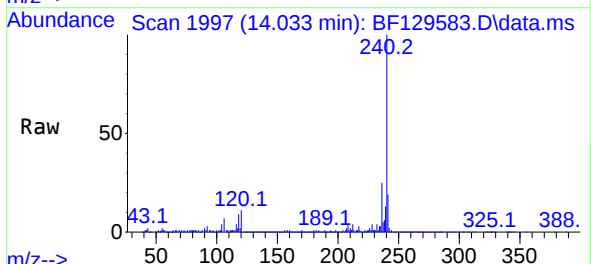
Tgt Ion:202 Resp: 138210
Ion Ratio Lower Upper
202 100
101 13.7 0.0 31.4
203 18.8 0.0 38.0

Manual Integrations
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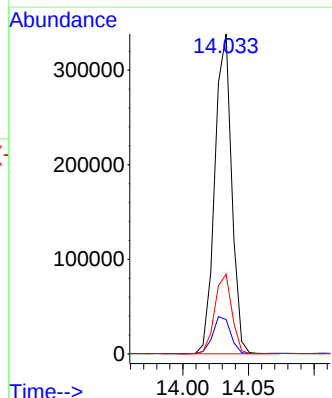
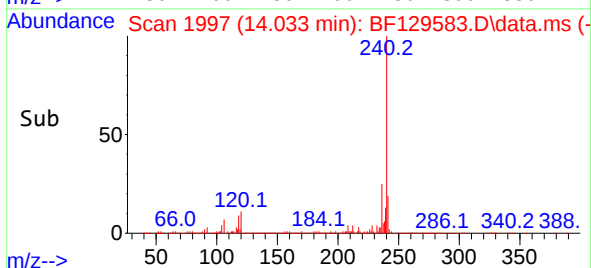
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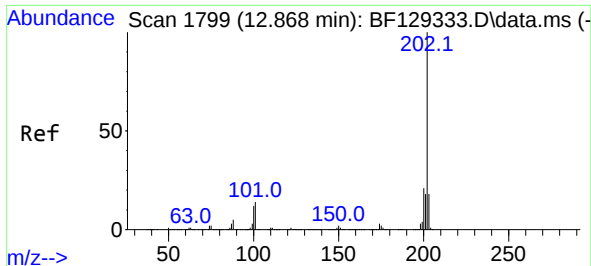


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.033 min Scan# 1997
Delta R.T. -0.006 min
Lab File: BF129583.D
Acq: 04 Aug 2022 22:39



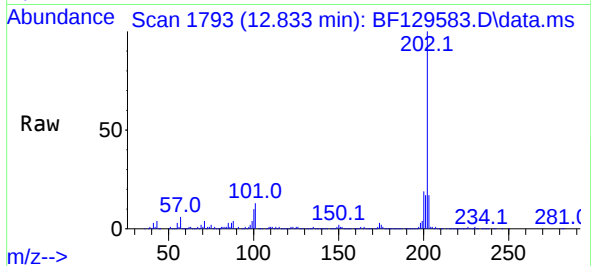
Tgt Ion:240 Resp: 302127
Ion Ratio Lower Upper
240 100
120 10.7 8.9 13.3
236 24.9 20.8 31.2





#78
Pyrene
Concen: 5.970 ng
RT: 12.833 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF129583.D
Acq: 04 Aug 2022 22:39

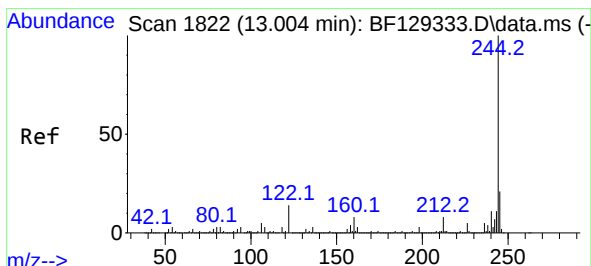
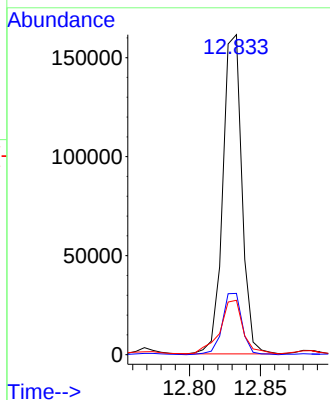
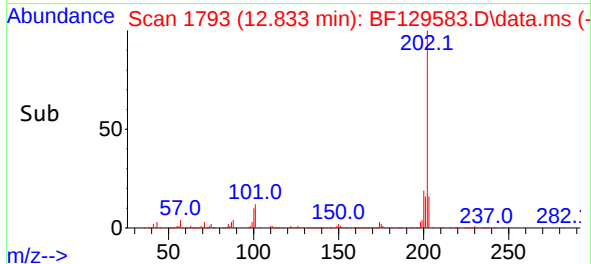
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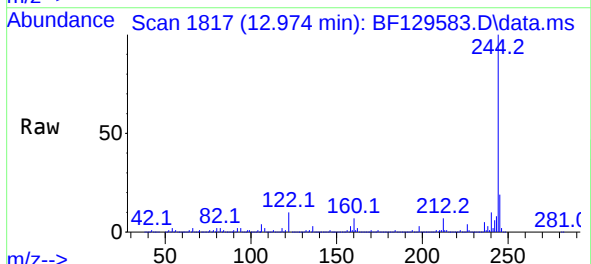
Tgt Ion:202 Resp: 15084
Ion Ratio Lower Upper
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200 19.1 17.7 26.5
203 17.0 14.6 21.8

Manual Integrations
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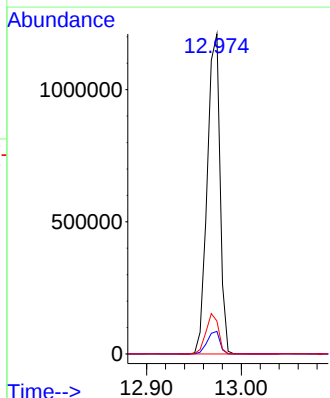
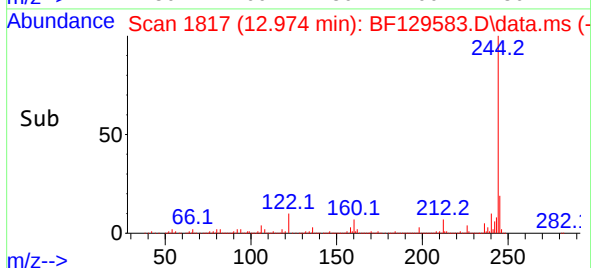
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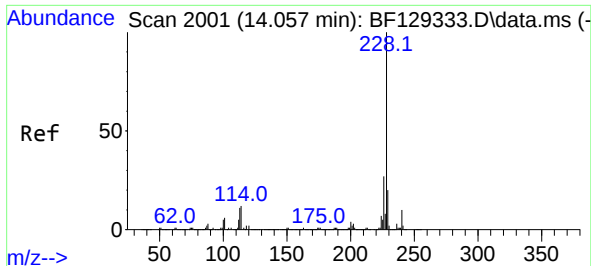


#79
Terphenyl-d14
Concen: 70.329 ng
RT: 12.974 min Scan# 1817
Delta R.T. -0.006 min
Lab File: BF129583.D
Acq: 04 Aug 2022 22:39



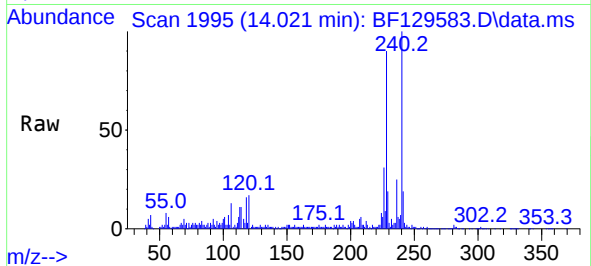
Tgt Ion:244 Resp: 1126282
Ion Ratio Lower Upper
244 100
212 7.0 6.1 9.1
122 10.3 8.8 13.2





#81
Benzo(a)anthracene
Concen: 3.454 ng m
RT: 14.021 min Scan# 1995
Delta R.T. -0.006 min
Lab File: BF129583.D
Acq: 04 Aug 2022 22:39

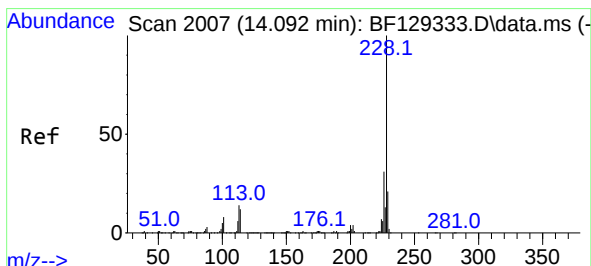
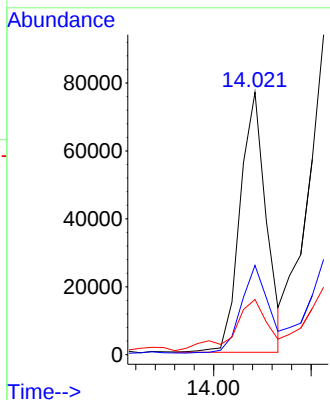
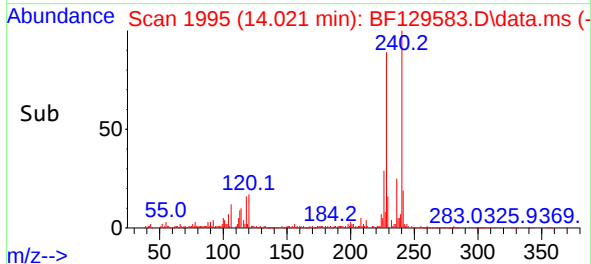
Instrument :
BNA_F
ClientSampleId :
RVE-114



Tgt Ion:228 Resp: 71292
Ion Ratio Lower Upper
228 100
226 34.0 22.1 33.1
229 21.0 15.8 23.8

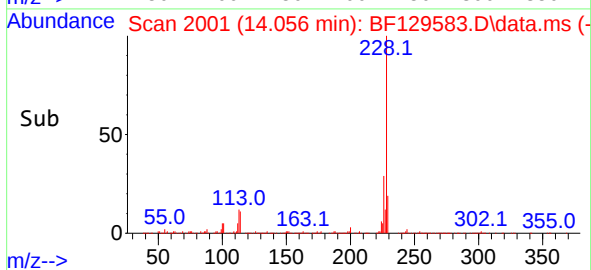
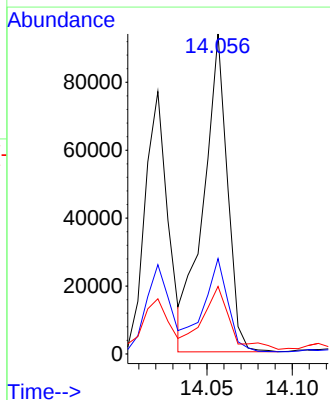
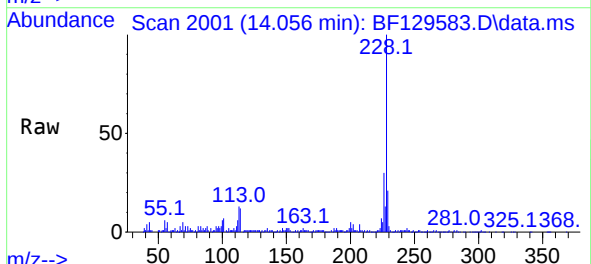
Manual Integrations
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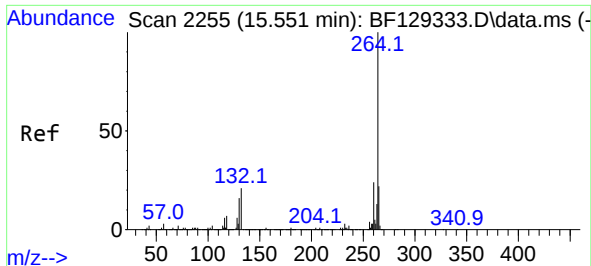
Reviewed By :Christian Giraldo 08/05/2022
Supervised By :Jagrut Upadhyay 08/05/2022



#83
Chrysene
Concen: 4.699 ng
RT: 14.056 min Scan# 2001
Delta R.T. -0.012 min
Lab File: BF129583.D
Acq: 04 Aug 2022 22:39

Tgt Ion:228 Resp: 91401
Ion Ratio Lower Upper
228 100
226 29.8 24.3 36.5
229 21.1 15.9 23.9





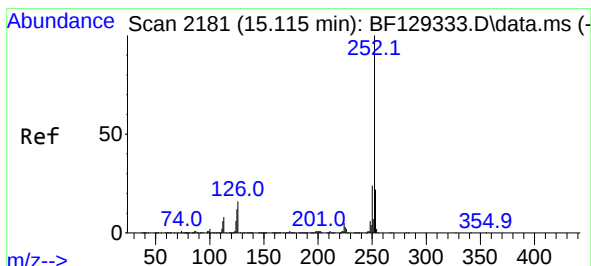
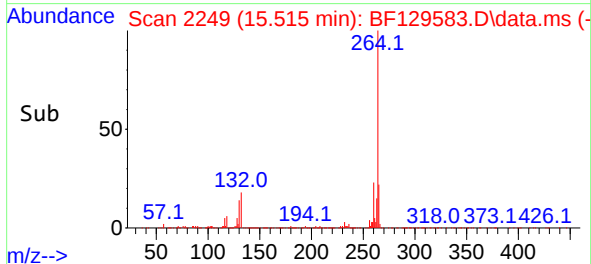
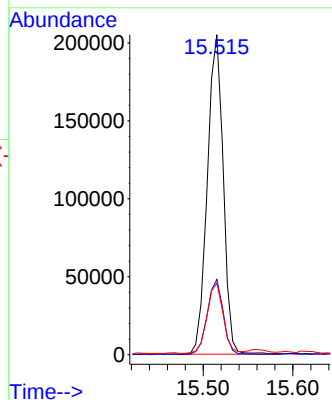
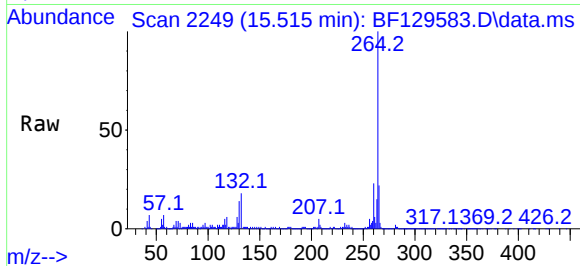
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.515 min Scan# 2118
Delta R.T. -0.000 min
Lab File: BF129583.D
Acq: 04 Aug 2022 22:39

Instrument :
BNA_F
ClientSampleId :
RVE-114

Tgt Ion:264 Resp: 25188
Ion Ratio Lower Upper
264 100
260 23.5 18.4 27.6
265 22.4 17.2 25.8

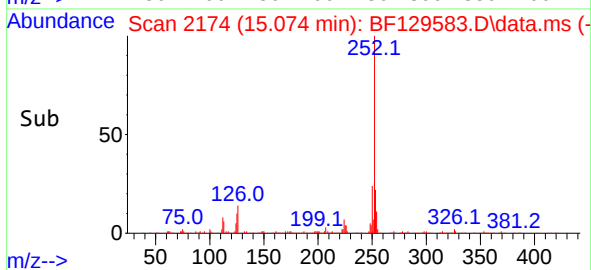
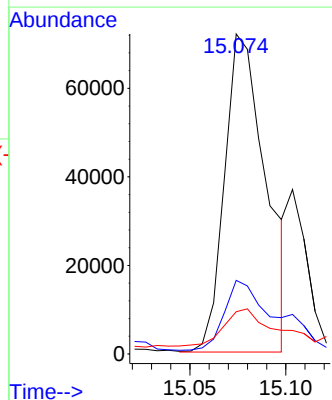
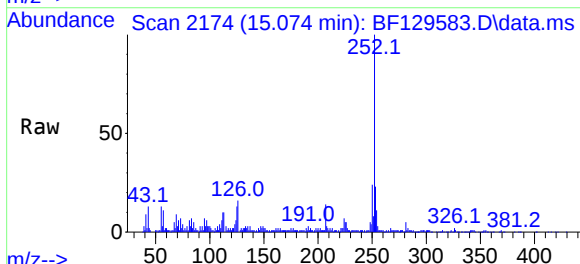
Manual Integrations
APPROVED

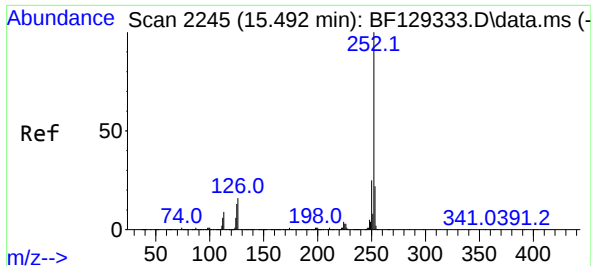
Reviewed By :Christian Giraldo 08/05/2022
Supervised By :Jagrut Upadhyay 08/05/2022



#88
Benzo(b)fluoranthene
Concen: 6.445 ng m
RT: 15.074 min Scan# 2174
Delta R.T. -0.012 min
Lab File: BF129583.D
Acq: 04 Aug 2022 22:39

Tgt Ion:252 Resp: 107681
Ion Ratio Lower Upper
252 100
253 23.0 17.7 26.5
125 13.2 8.0 12.0#





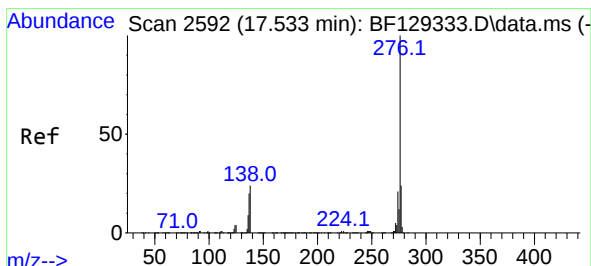
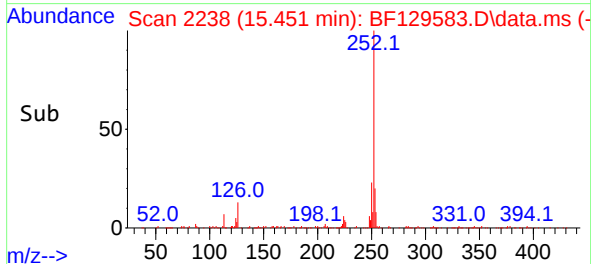
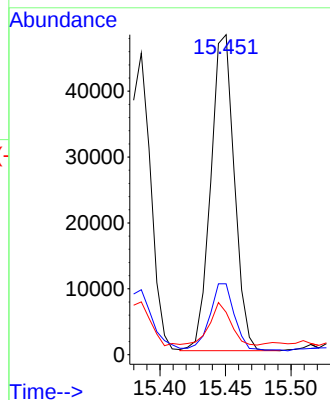
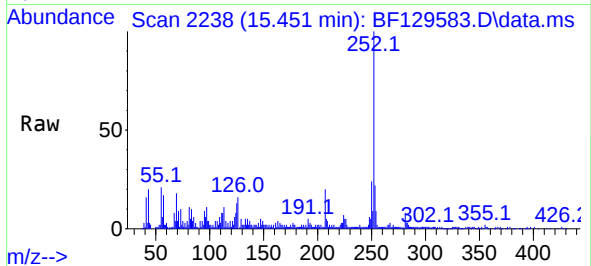
#90
Benzo(a)pyrene
Concen: 4.425 ng
RT: 15.451 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF129583.D
Acq: 04 Aug 2022 22:39

Instrument :
BNA_F
ClientSampleId :
RVE-114

Tgt Ion:252 Resp: 60012
Ion Ratio Lower Upper
252 100
253 22.1 17.0 25.6
125 13.2 8.8 13.2

Manual Integrations
APPROVED

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



#92
Benzo(g,h,i)perylene
Concen: 2.962 ng
RT: 17.462 min Scan# 2580
Delta R.T. -0.018 min
Lab File: BF129583.D
Acq: 04 Aug 2022 22:39

Tgt Ion:276 Resp: 41787
Ion Ratio Lower Upper
276 100
277 21.7 19.1 28.7
138 20.0 18.0 27.0

