

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072822\
 Data File : BF129424.D
 Acq On : 28 Jul 2022 23:36
 Operator : CG\JU
 Sample : N3893-19
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RVE-19

Manual Integrations
 APPROVED

Reviewed By :Christian Giraldo 07/29/2022
 Supervised By :Jagrut Upadhyay 07/29/2022

Quant Time: Jul 29 02:10:22 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	185541	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	723679	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	348692	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	480179	20.000	ng	0.00
76) Chrysene-d12	14.063	240	354162	20.000	ng	0.00
86) Perylene-d12	15.551	264	324842	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	1085492	95.303	ng	0.01
7) Phenol-d6	6.522	99	1375852	96.103	ng	0.00
23) Nitrobenzene-d5	7.445	82	875004	66.003	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	289184	86.261	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	1550882	68.804	ng	0.00
79) Terphenyl-d14	12.998	244	1177269	62.712	ng	0.00
Target Compounds						
						Qvalue
75) Fluoranthene	12.627	202	123970	4.668	ng	99
78) Pyrene	12.863	202	181781	6.138	ng	97
83) Chrysene	14.086	228	101635	4.458	ng	97
88) Benzo(b)fluoranthene	15.110	252	101841m	4.726	ng	
90) Benzo(a)pyrene	15.486	252	71111	4.065	ng	94

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

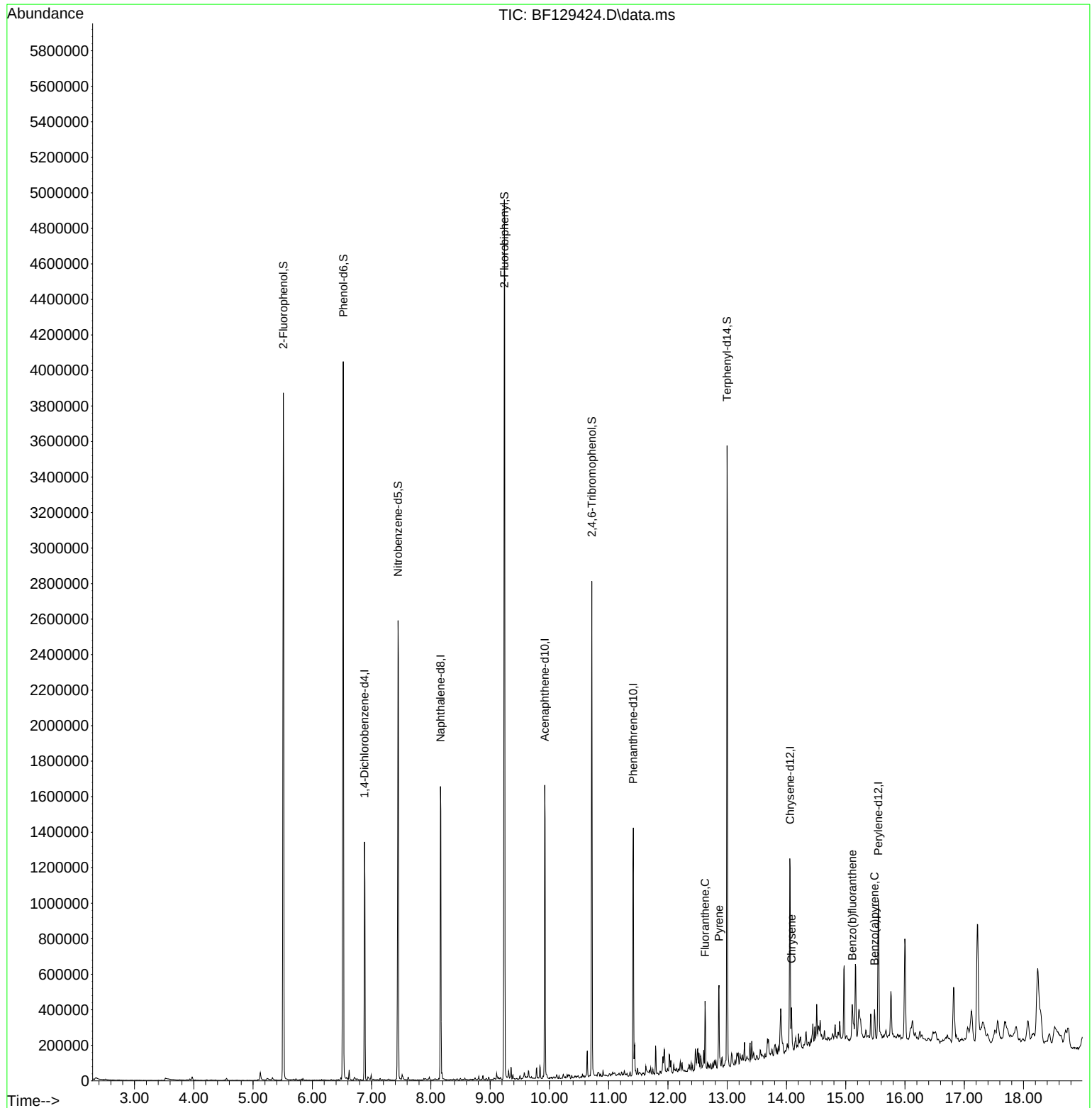
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072822\
Data File : BF129424.D
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Operator : CG\JU
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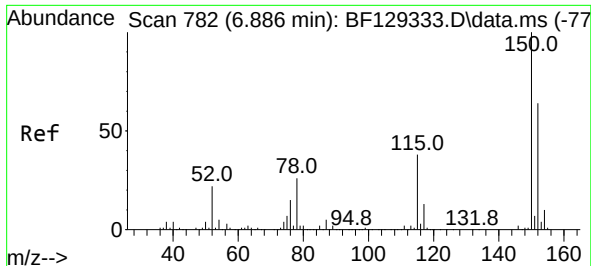
Instrument :
BNA_F
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Quant Time: Jul 29 02:10:22 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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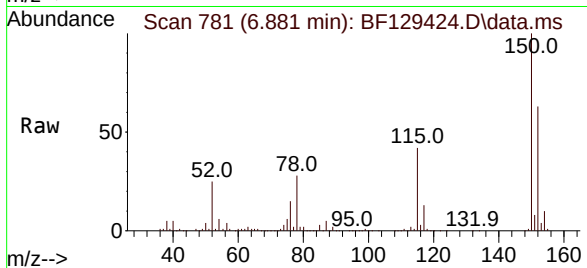
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Supervised By :Jagrut Upadhyay 07/29/2022





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 71
Delta R.T. -0.005 min
Lab File: BF129424.D
Acq: 28 Jul 2022 23:36

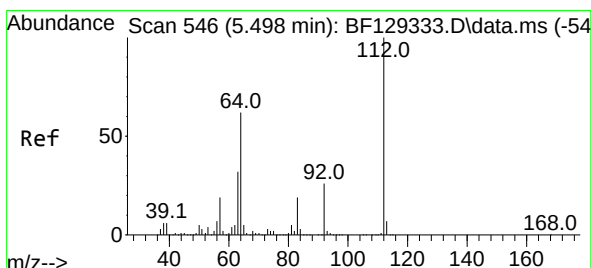
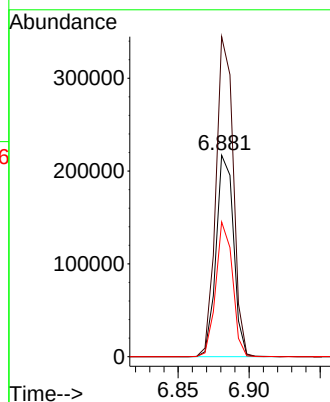
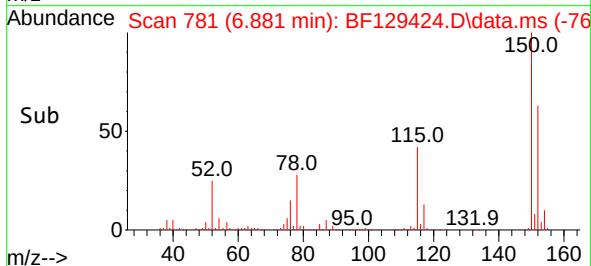
Instrument :
BNA_F
ClientSampleId :
RVE-19



Tgt Ion:152 Resp: 18554
Ion Ratio Lower Upper
152 100
150 158.8 123.7 185.5
115 66.9 49.9 74.9

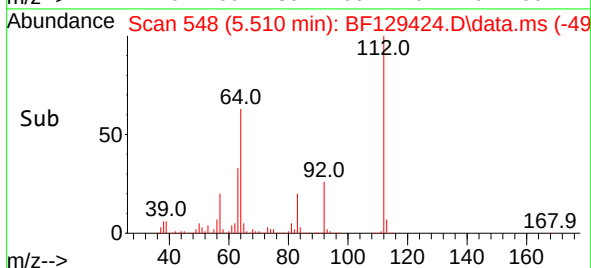
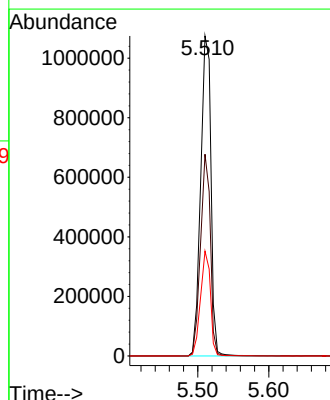
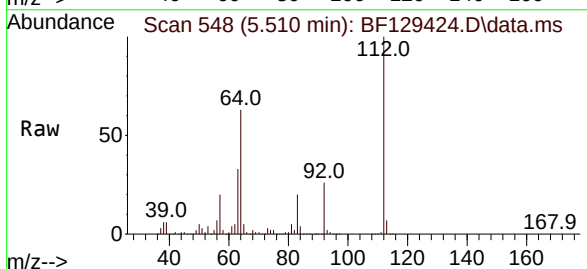
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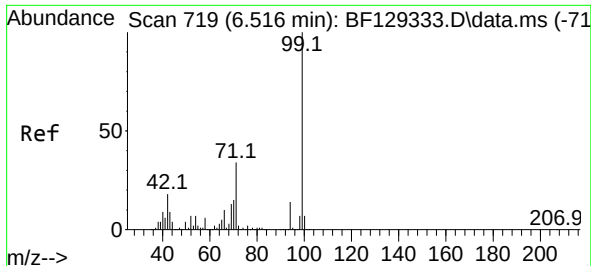
Reviewed By :Christian Giraldo 07/29/2022
Supervised By :Jagrut Upadhyay 07/29/2022



#5
2-Fluorophenol
Concen: 95.303 ng
RT: 5.510 min Scan# 548
Delta R.T. 0.012 min
Lab File: BF129424.D
Acq: 28 Jul 2022 23:36

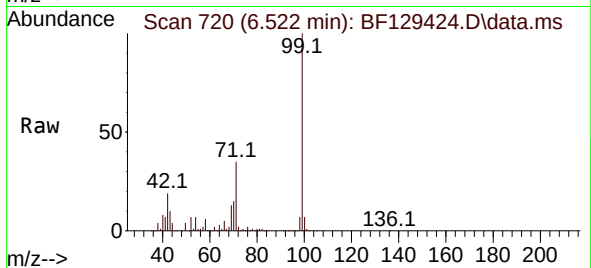
Tgt Ion:112 Resp: 1085492
Ion Ratio Lower Upper
112 100
64 63.1 53.3 79.9
63 32.7 28.0 42.0





#7
Phenol-d6
Concen: 96.103 ng
RT: 6.522 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF129424.D
Acq: 28 Jul 2022 23:36

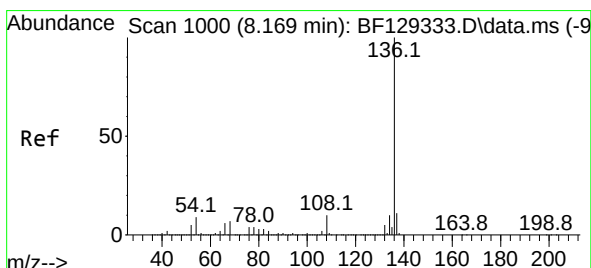
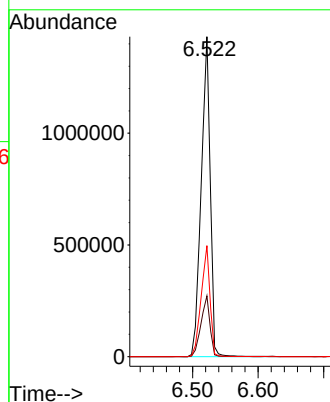
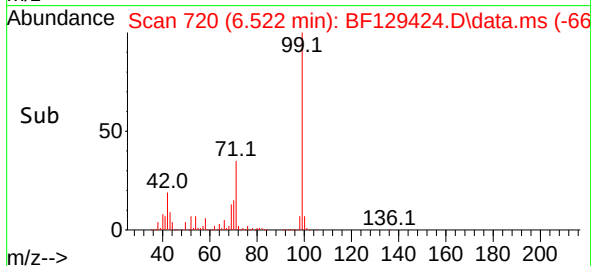
Instrument :
BNA_F
ClientSampleId :
RVE-19



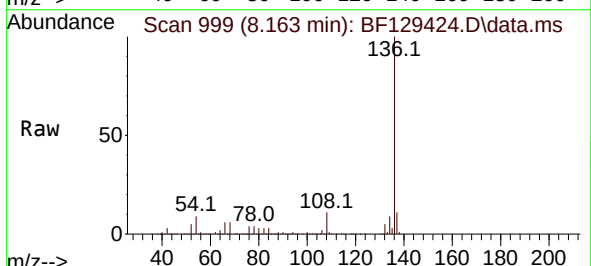
Tgt Ion: 99 Resp: 1375852
Ion Ratio Lower Upper
99 100
42 19.0 17.3 25.9
71 34.7 28.9 43.3

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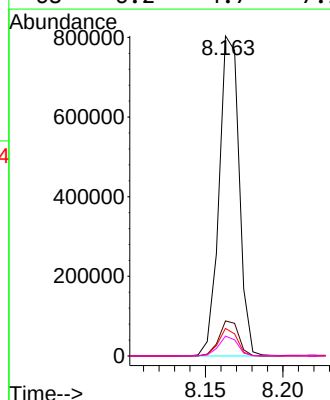
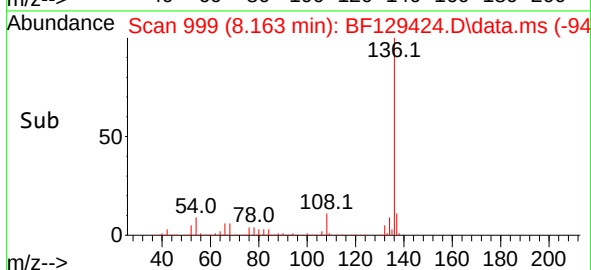
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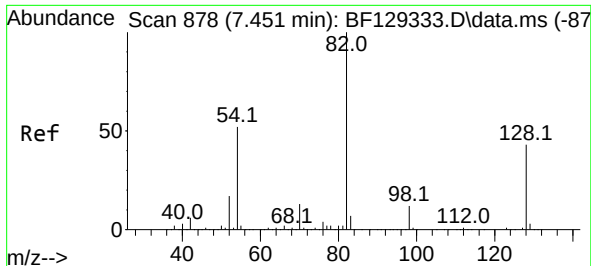


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 999
Delta R.T. -0.006 min
Lab File: BF129424.D
Acq: 28 Jul 2022 23:36



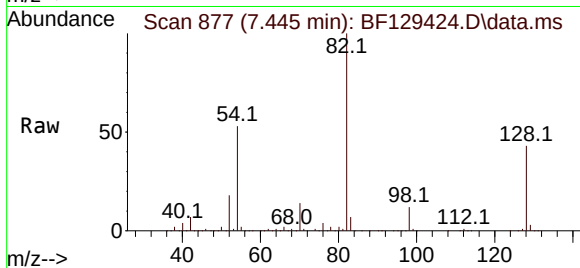
Tgt Ion:136 Resp: 723679
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 8.6 7.5 11.3
68 6.2 4.7 7.1





#23
Nitrobenzene-d5
Concen: 66.003 ng
RT: 7.445 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF129424.D
Acq: 28 Jul 2022 23:36

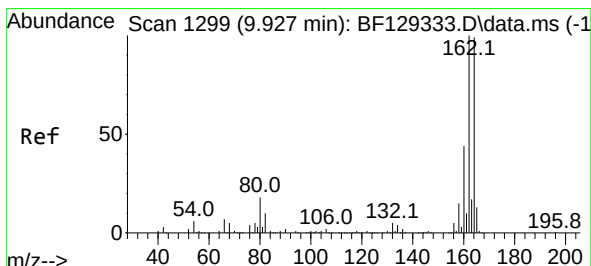
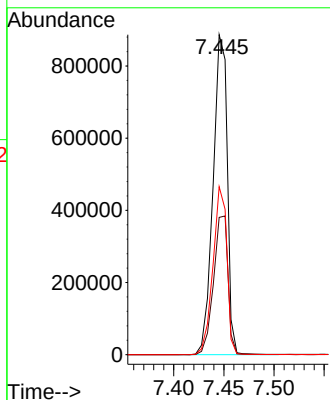
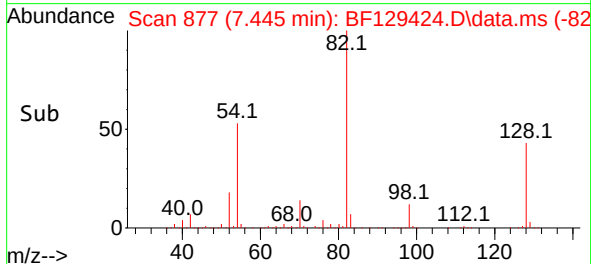
Instrument :
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ClientSampleId :
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Tgt Ion: 82 Resp: 875004
Ion Ratio Lower Upper
82 100
128 42.9 34.0 51.0
54 52.5 46.9 70.3

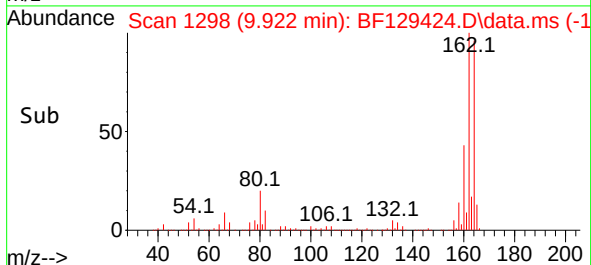
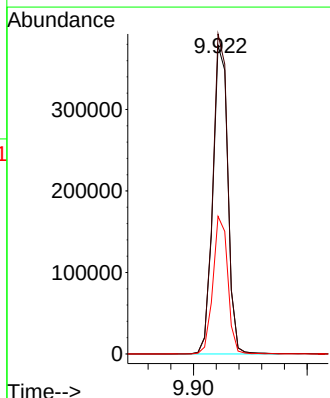
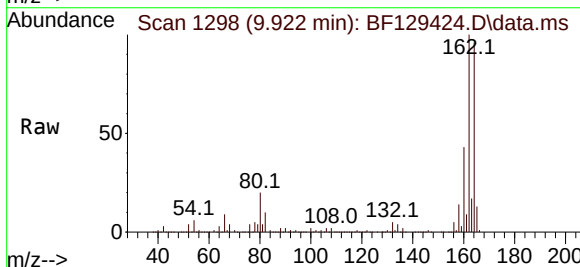
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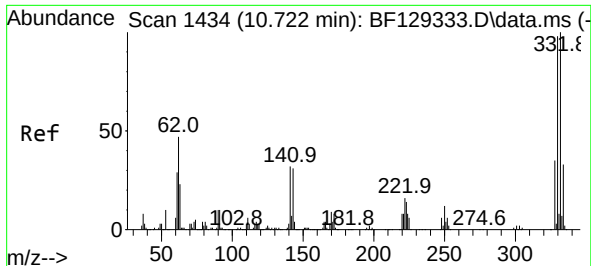
Reviewed By :Christian Giraldo 07/29/2022
Supervised By :Jagrut Upadhyay 07/29/2022



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1298
Delta R.T. -0.006 min
Lab File: BF129424.D
Acq: 28 Jul 2022 23:36

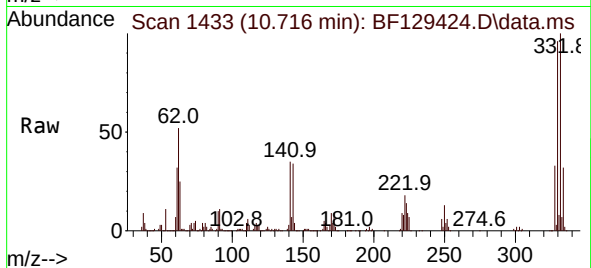
Tgt Ion:164 Resp: 348692
Ion Ratio Lower Upper
164 100
162 103.7 79.5 119.3
160 44.6 34.2 51.4





#42
2,4,6-Tribromophenol
Concen: 86.261 ng
RT: 10.716 min Scan# 1433
Delta R.T. -0.006 min
Lab File: BF129424.D
Acq: 28 Jul 2022 23:36

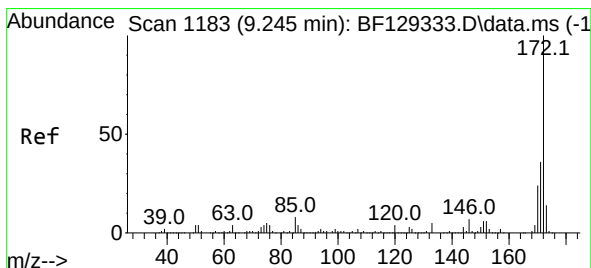
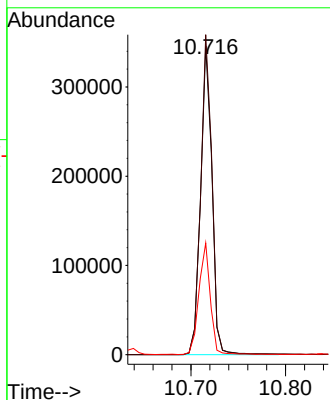
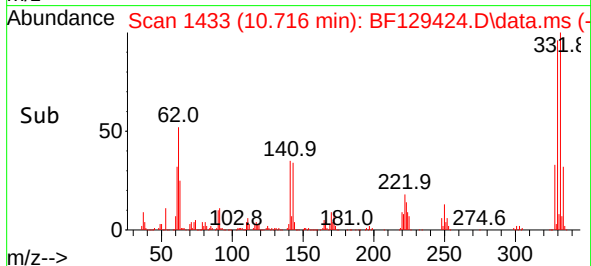
Instrument :
BNA_F
ClientSampleId :
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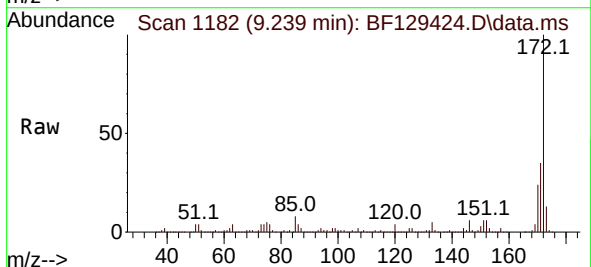
Tgt Ion: 330 Resp: 289184
Ion Ratio Lower Upper
330 100
332 102.9 76.8 115.2
141 36.2 28.0 42.0

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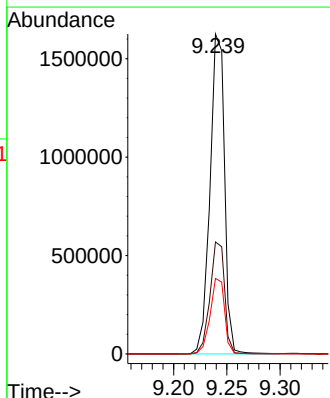
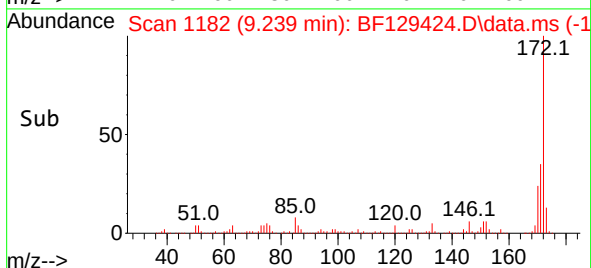
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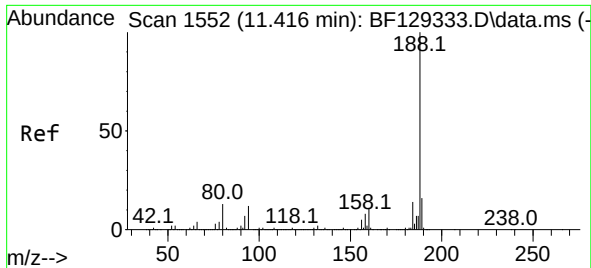


#45
2-Fluorobiphenyl
Concen: 68.804 ng
RT: 9.239 min Scan# 1182
Delta R.T. -0.006 min
Lab File: BF129424.D
Acq: 28 Jul 2022 23:36



Tgt Ion: 172 Resp: 1550882
Ion Ratio Lower Upper
172 100
171 35.0 28.8 43.2
170 23.6 19.8 29.8





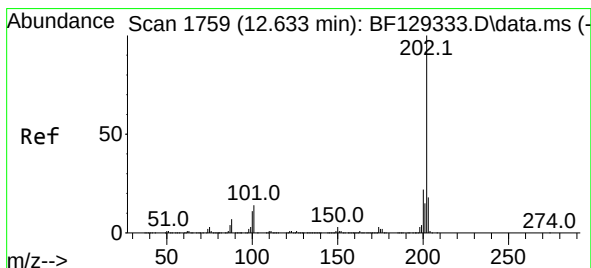
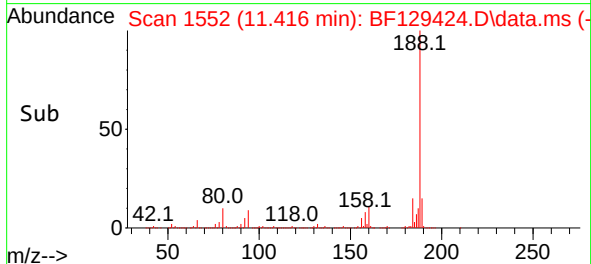
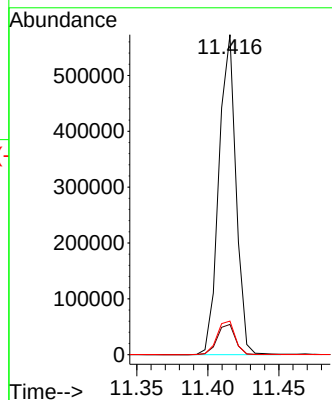
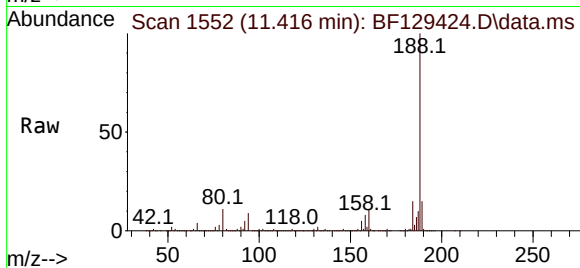
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.416 min Scan# 1152
Delta R.T. 0.000 min
Lab File: BF129424.D
Acq: 28 Jul 2022 23:36

Instrument :
BNA_F
ClientSampleId :
RVE-19

Tgt Ion:188 Resp: 480179
Ion Ratio Lower Upper
188 100
94 9.4 7.0 10.6
80 10.5 7.6 11.4

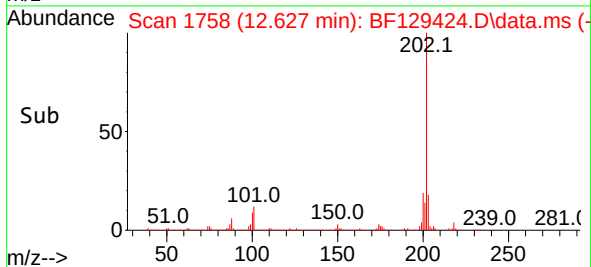
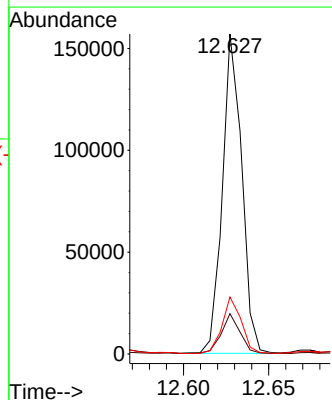
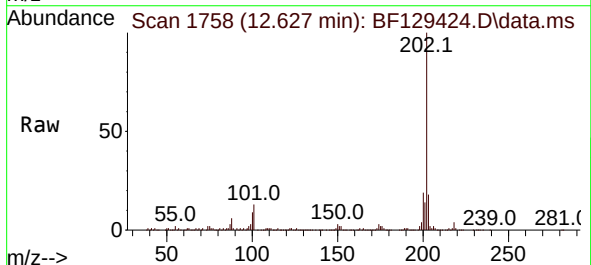
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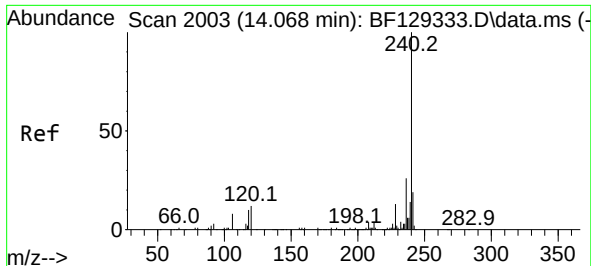
Reviewed By :Christian Giraldo 07/29/2022
Supervised By :Jagrut Upadhyay 07/29/2022



#75
Fluoranthene
Concen: 4.668 ng
RT: 12.627 min Scan# 1758
Delta R.T. -0.006 min
Lab File: BF129424.D
Acq: 28 Jul 2022 23:36

Tgt Ion:202 Resp: 123970
Ion Ratio Lower Upper
202 100
101 12.6 0.0 31.4
203 17.8 0.0 38.0





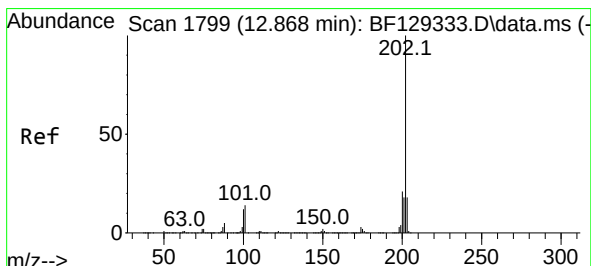
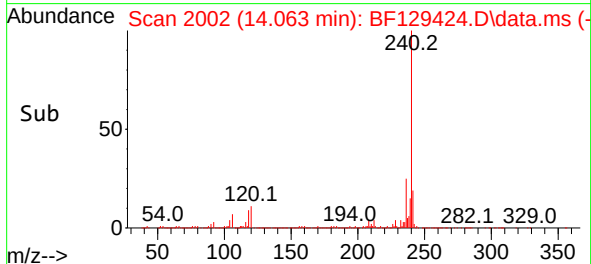
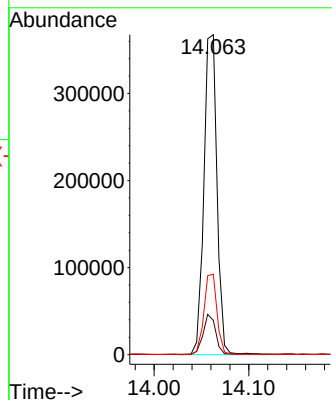
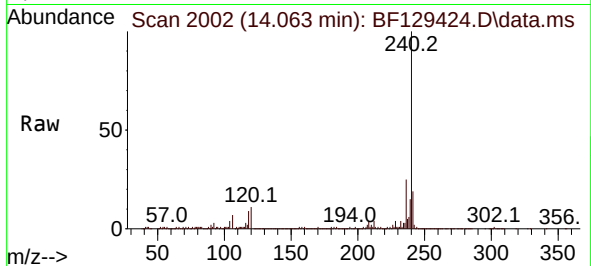
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.063 min Scan# 2003
Delta R.T. -0.006 min
Lab File: BF129424.D
Acq: 28 Jul 2022 23:36

Instrument :
BNA_F
ClientSampleId :
RVE-19

Tgt Ion:240 Resp: 354162
Ion Ratio Lower Upper
240 100
120 10.7 8.9 13.3
236 25.2 20.8 31.2

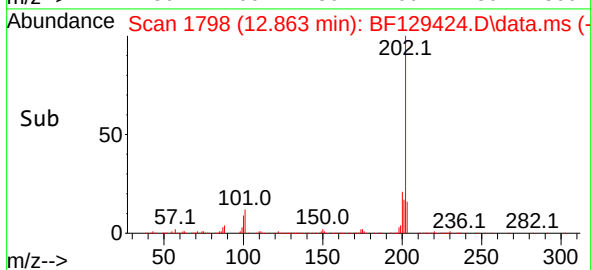
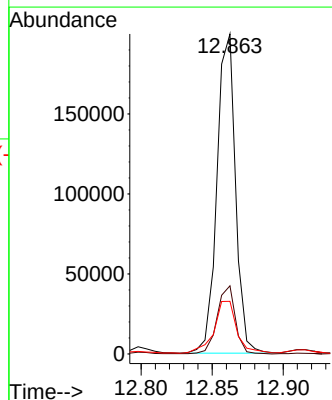
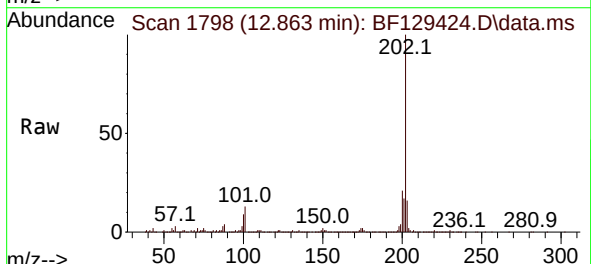
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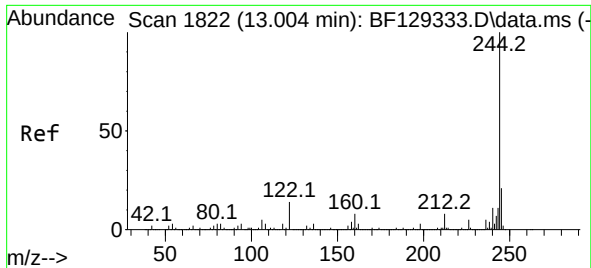
Reviewed By :Christian Giraldo 07/29/2022
Supervised By :Jagrut Upadhyay 07/29/2022



#78
Pyrene
Concen: 6.138 ng
RT: 12.863 min Scan# 1798
Delta R.T. -0.006 min
Lab File: BF129424.D
Acq: 28 Jul 2022 23:36

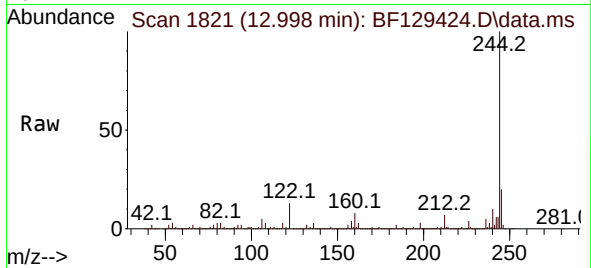
Tgt Ion:202 Resp: 181781
Ion Ratio Lower Upper
202 100
200 21.3 17.7 26.5
203 16.5 14.6 21.8





#79
 Terphenyl-d14
 Concen: 62.712 ng
 RT: 12.998 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF129424.D
 Acq: 28 Jul 2022 23:36

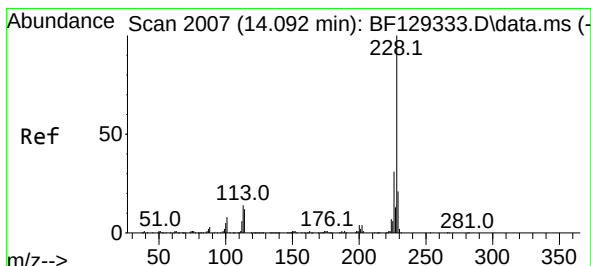
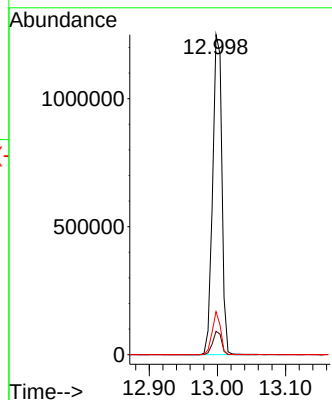
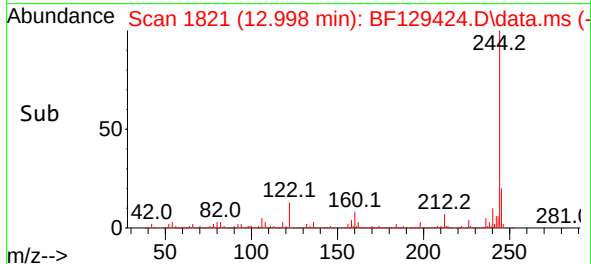
Instrument :
 BNA_F
 ClientSampleId :
 RVE-19



Tgt Ion:244 Resp: 1177269
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.1 9.1
 122 13.4 8.8 13.2

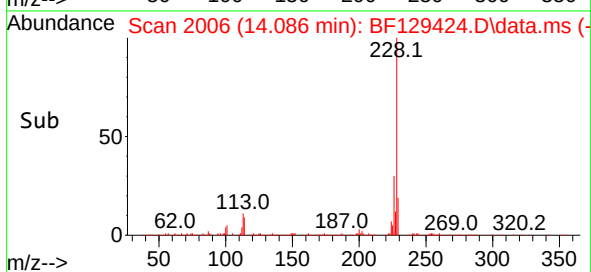
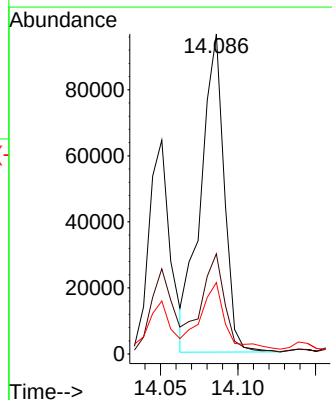
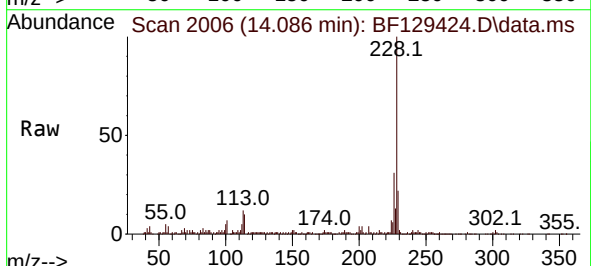
Manual Integrations
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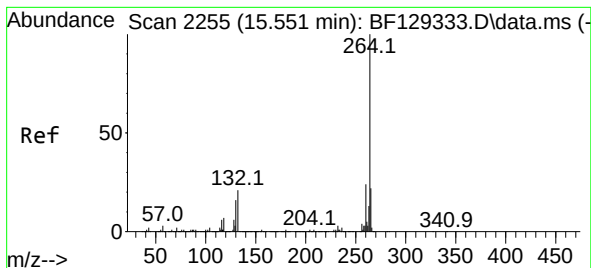
Reviewed By :Christian Giraldo 07/29/2022
 Supervised By :Jagrut Upadhyay 07/29/2022



#83
 Chrysene
 Concen: 4.458 ng
 RT: 14.086 min Scan# 2006
 Delta R.T. -0.006 min
 Lab File: BF129424.D
 Acq: 28 Jul 2022 23:36

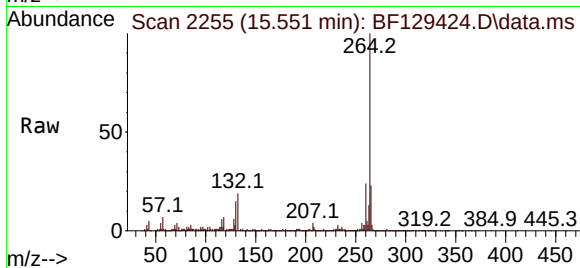
Tgt Ion:228 Resp: 101635
 Ion Ratio Lower Upper
 228 100
 226 31.3 24.3 36.5
 229 22.3 15.9 23.9





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.551 min Scan# 2180
Delta R.T. 0.000 min
Lab File: BF129424.D
Acq: 28 Jul 2022 23:36

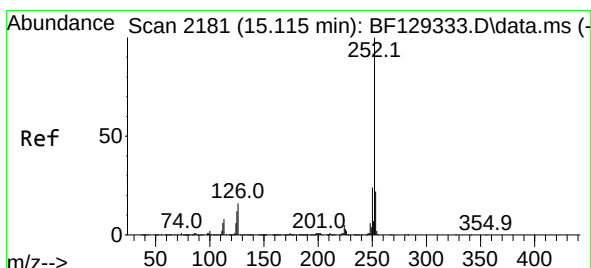
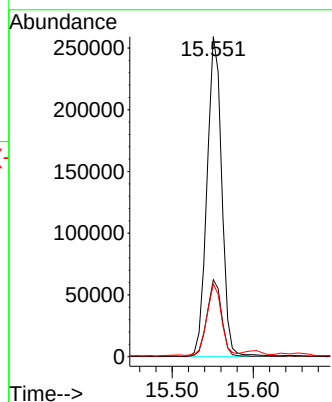
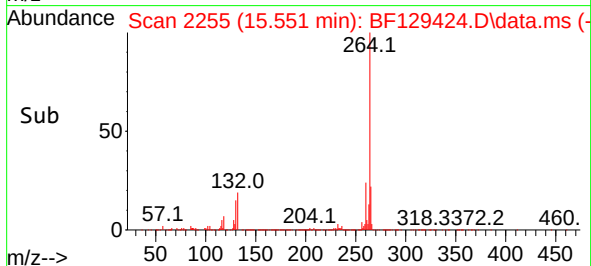
Instrument :
BNA_F
ClientSampleId :
RVE-19



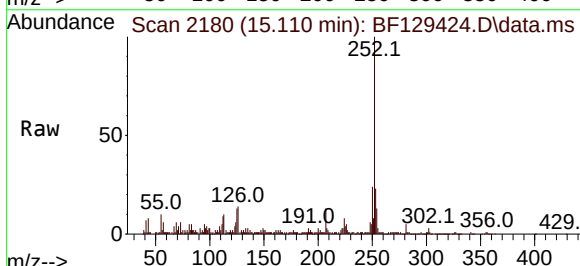
Tgt Ion:264 Resp: 32484
Ion Ratio Lower Upper
264 100
260 24.0 18.4 27.6
265 22.7 17.2 25.8

Manual Integrations
APPROVED

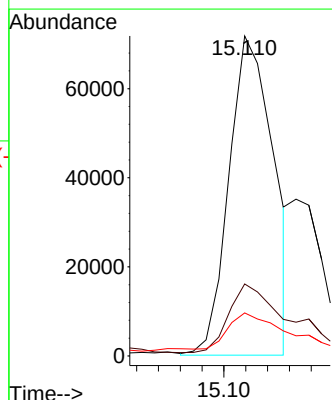
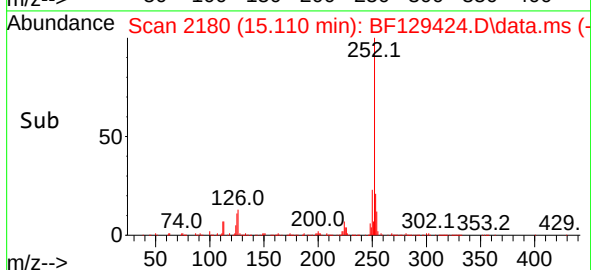
Reviewed By :Christian Giraldo 07/29/2022
Supervised By :Jagrut Upadhyay 07/29/2022

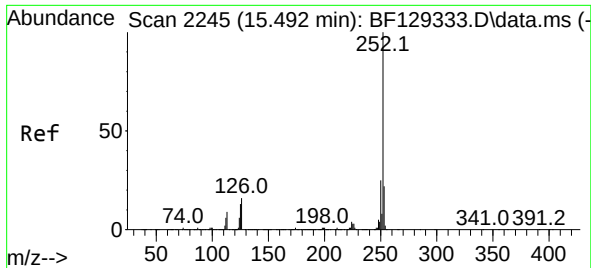


#88
Benzo(b)fluoranthene
Concen: 4.726 ng m
RT: 15.110 min Scan# 2180
Delta R.T. -0.006 min
Lab File: BF129424.D
Acq: 28 Jul 2022 23:36



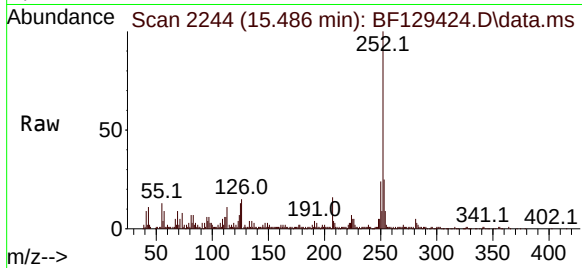
Tgt Ion:252 Resp: 101841
Ion Ratio Lower Upper
252 100
253 22.5 17.7 26.5
125 13.4 8.0 12.0#





#90
Benzo(a)pyrene
Concen: 4.065 ng
RT: 15.486 min Scan# 2111
Delta R.T. -0.006 min
Lab File: BF129424.D
Acq: 28 Jul 2022 23:36

Instrument :
BNA_F
ClientSampleId :
RVE-19



Tgt Ion:252 Resp: 7111
Ion Ratio Lower Upper
252 100
253 24.7 17.0 25.6
125 12.8 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 07/29/2022
Supervised By :Jagrut Upadhyay 07/29/2022

