

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072922\
 Data File : BF129463.D
 Acq On : 30 Jul 2022 02:41
 Operator : CG\JU
 Sample : N3895-15 5X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RVE-53

Quant Time: Jul 30 03:08:02 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)

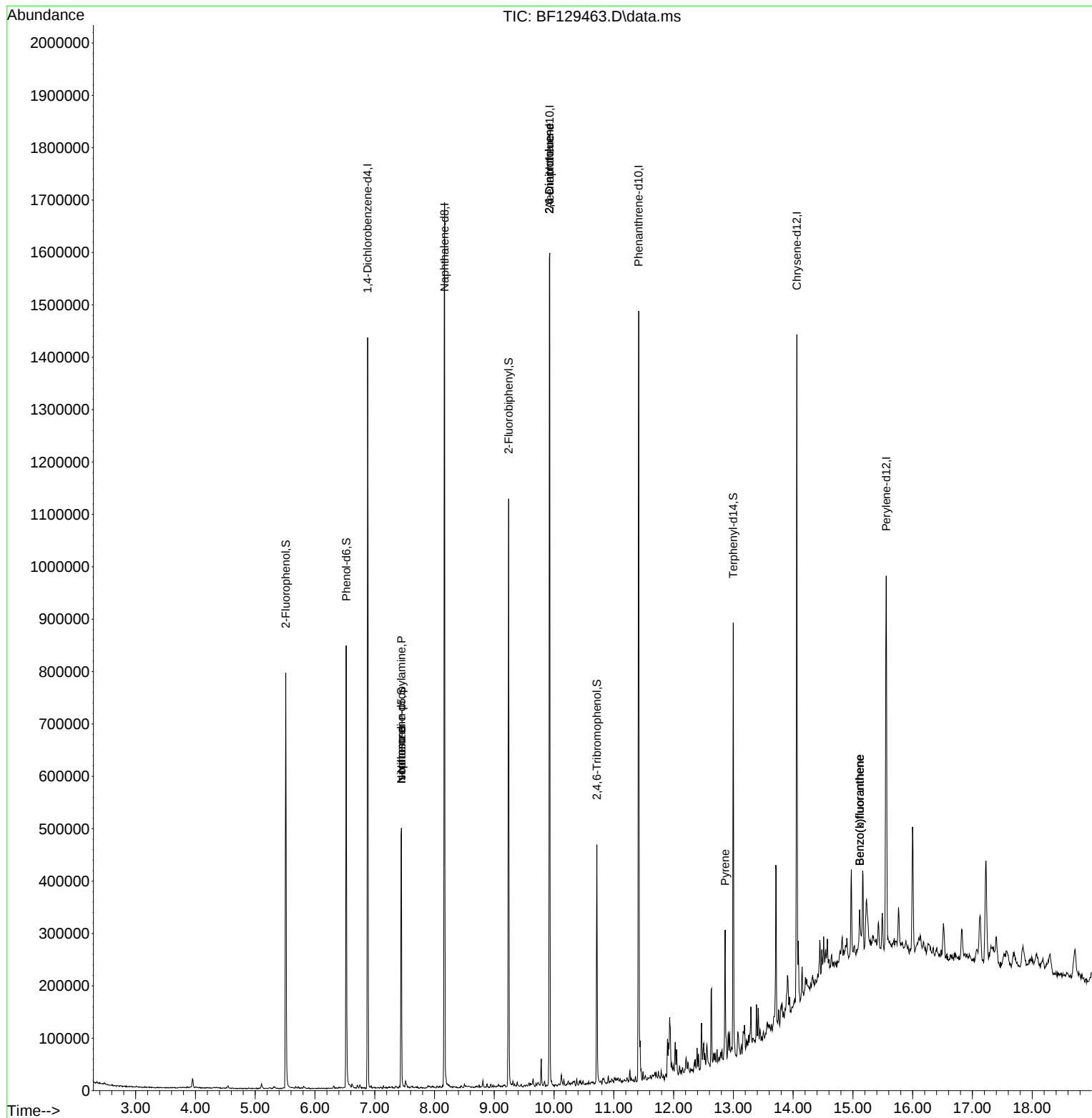
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	196707	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	740070	20.000	ng	0.00
39) Acenaphthene-d10	9.928	164	342721	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	482865	20.000	ng	0.00
76) Chrysene-d12	14.063	240	389742	20.000	ng	0.00
86) Perylene-d12	15.557	264	293249	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	204247	16.914	ng	0.01
7) Phenol-d6	6.522	99	257294	16.952	ng	0.00
23) Nitrobenzene-d5	7.445	82	154501	11.396	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	46529	14.121	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	305980	13.811	ng	0.00
79) Terphenyl-d14	12.998	244	243323	11.778	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.445	70	20244	2.203	ng	Qvalue 74
25) Isophorone	7.445	82	153275	6.307	ng	# 65
51) 2,6-Dinitrotoluene	9.922	165	44132	8.334	ng	# 25
57) 2,4-Dinitrotoluene	9.922	165	44132	6.380	ng	# 21
78) Pyrene	12.863	202	89634	2.750	ng	99
88) Benzo(b)fluoranthene	15.116	252	46985	2.415	ng	# 86
89) Benzo(k)fluoranthene	15.116	252	46985	2.465	ng	# 87

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

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 25 17:24:17 2022
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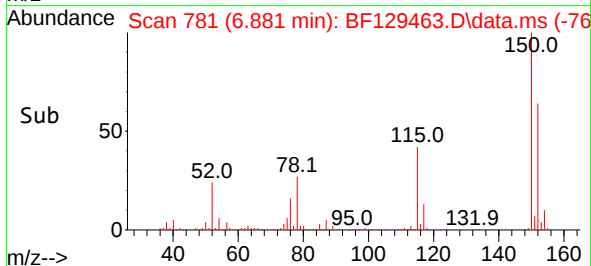
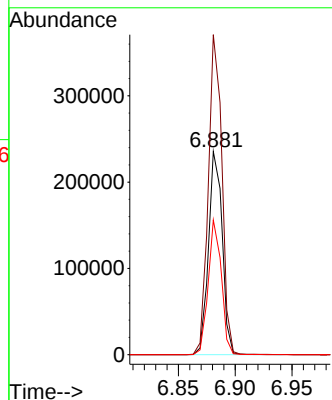
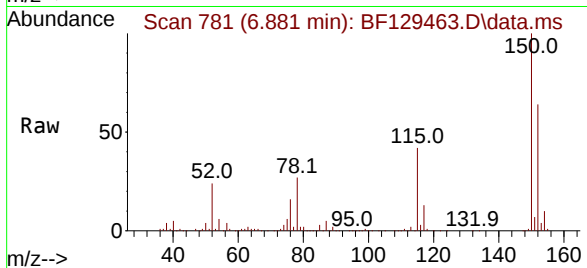




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.881 min Scan# 71
 Delta R.T. -0.005 min
 Lab File: BF129463.D
 Acq: 30 Jul 2022 02:41

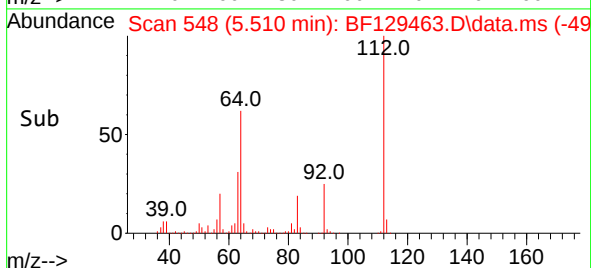
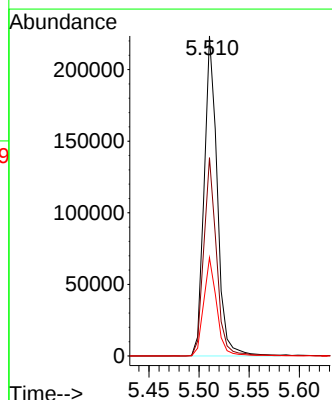
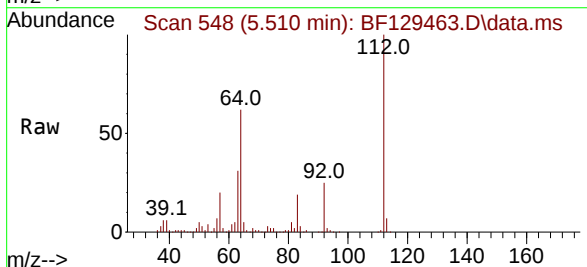
Instrument :
 BNA_F
 ClientSampleId :
 RVE-53

Tgt Ion:152 Resp: 196707
 Ion Ratio Lower Upper
 152 100
 150 157.4 123.7 185.5
 115 66.3 49.9 74.9



#5
 2-Fluorophenol
 Concen: 16.914 ng
 RT: 5.510 min Scan# 548
 Delta R.T. 0.012 min
 Lab File: BF129463.D
 Acq: 30 Jul 2022 02:41

Tgt Ion:112 Resp: 204247
 Ion Ratio Lower Upper
 112 100
 64 62.0 53.3 79.9
 63 30.7 28.0 42.0

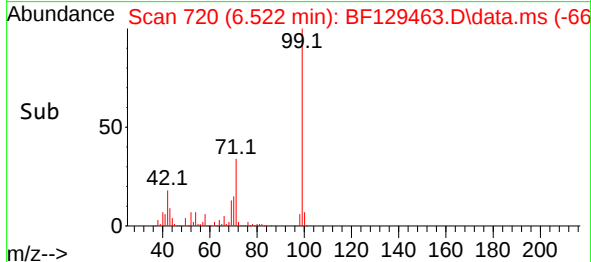
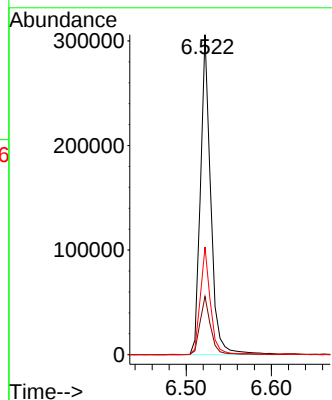
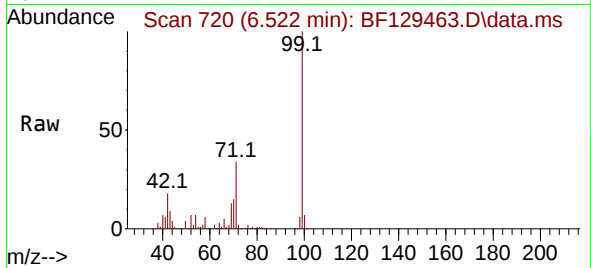




#7
Phenol-d6
Concen: 16.952 ng
RT: 6.522 min Scan# 719
Delta R.T. 0.006 min
Lab File: BF129463.D
Acq: 30 Jul 2022 02:41

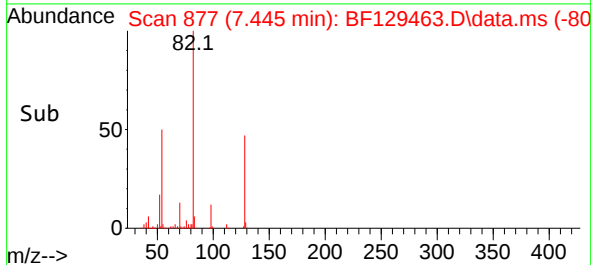
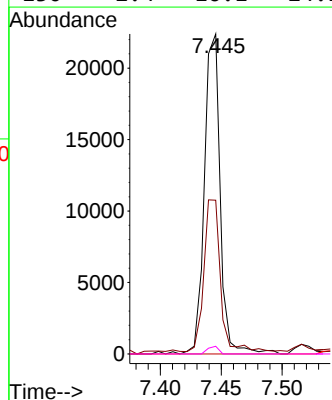
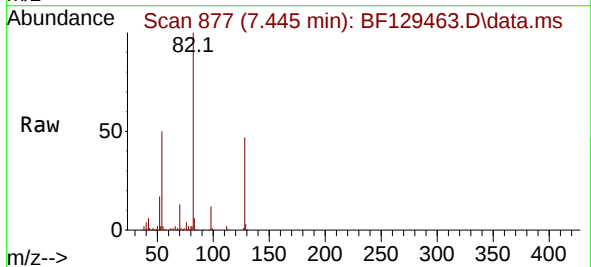
Instrument :
BNA_F
ClientSampleId :
RVE-53

Tgt Ion: 99 Resp: 257294
Ion Ratio Lower Upper
99 100
42 18.2 17.3 25.9
71 33.7 28.9 43.3



#19
n-Nitroso-di-n-propylamine
Concen: 2.203 ng
RT: 7.445 min Scan# 877
Delta R.T. 0.147 min
Lab File: BF129463.D
Acq: 30 Jul 2022 02:41

Tgt Ion: 70 Resp: 20244
Ion Ratio Lower Upper
70 100
42 48.1 52.3 78.5#
101 0.0 7.5 11.3#
130 2.4 16.1 24.1#



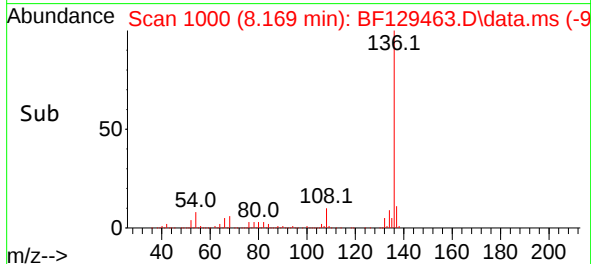
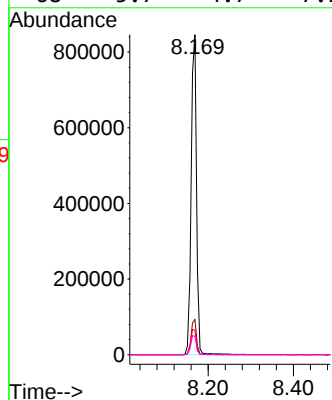
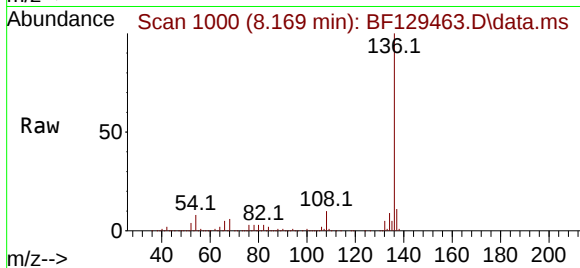


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1000
Delta R.T. 0.000 min
Lab File: BF129463.D
Acq: 30 Jul 2022 02:41

Instrument :
BNA_F
ClientSampleId :
RVE-53

Tgt Ion:136 Resp: 740070

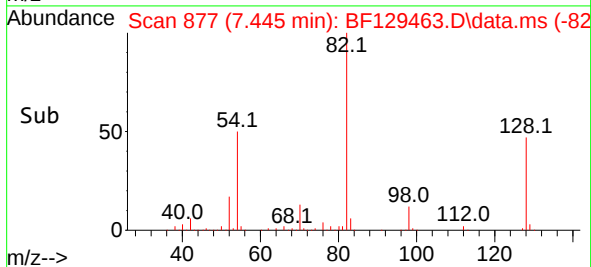
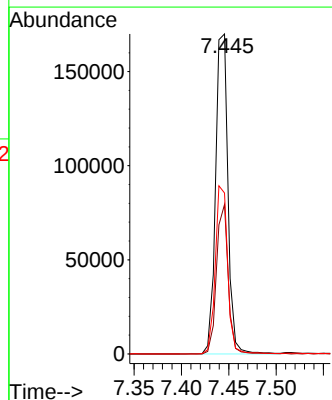
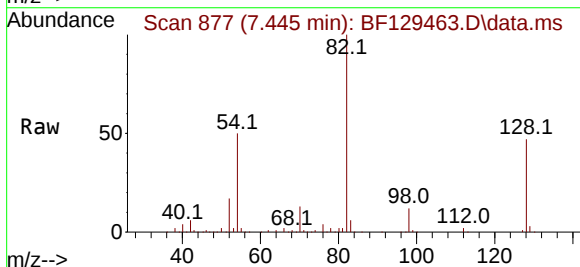
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	7.7	7.5	11.3
68	5.7	4.7	7.1

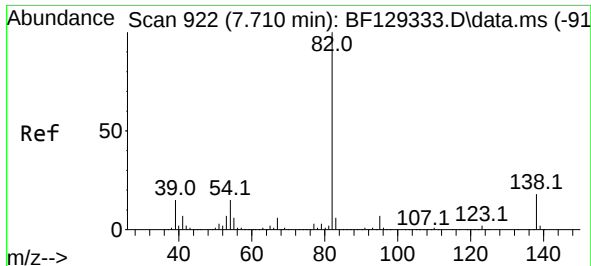


#23
Nitrobenzene-d5
Concen: 11.396 ng
RT: 7.445 min Scan# 877
Delta R.T. -0.006 min
Lab File: BF129463.D
Acq: 30 Jul 2022 02:41

Tgt Ion: 82 Resp: 154501

Ion	Ratio	Lower	Upper
82	100		
128	46.7	34.0	51.0
54	50.3	46.9	70.3

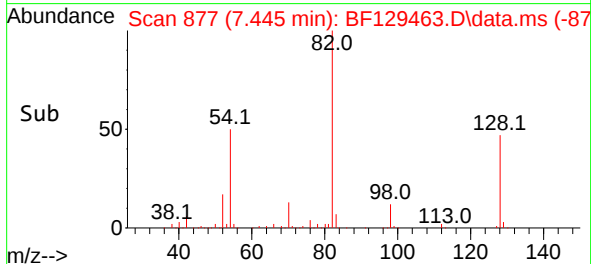
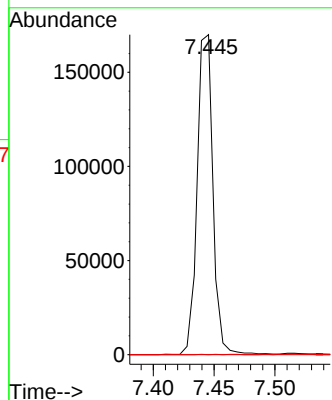
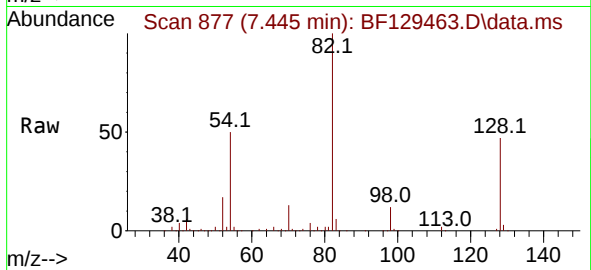




#25
Isophorone
Concen: 6.307 ng
RT: 7.445 min Scan# 81
Delta R.T. -0.265 min
Lab File: BF129463.D
Acq: 30 Jul 2022 02:41

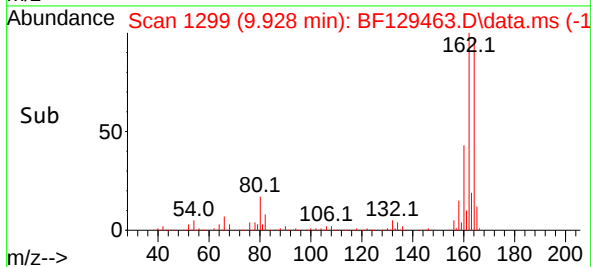
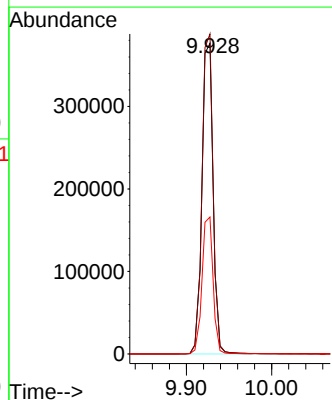
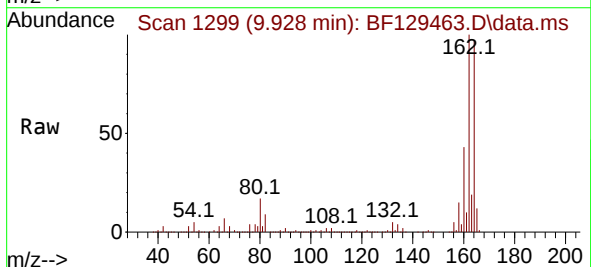
Instrument :
BNA_F
ClientSampleId :
RVE-53

Tgt Ion: 82 Resp: 153275
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.928 min Scan# 1299
Delta R.T. 0.000 min
Lab File: BF129463.D
Acq: 30 Jul 2022 02:41

Tgt Ion:164 Resp: 342721
Ion Ratio Lower Upper
164 100
162 103.1 79.5 119.3
160 44.1 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 14.121 ng

RT: 10.716 min Scan# 1433

Delta R.T. -0.006 min

Lab File: BF129463.D

Acq: 30 Jul 2022 02:41

Instrument :

BNA_F

ClientSampleId :

RVE-53

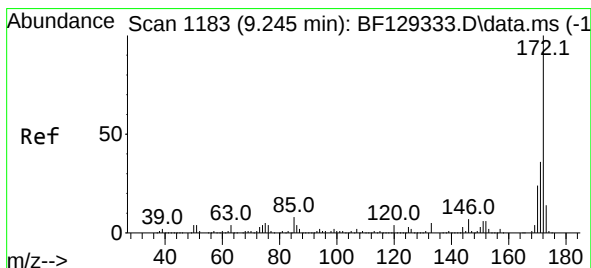
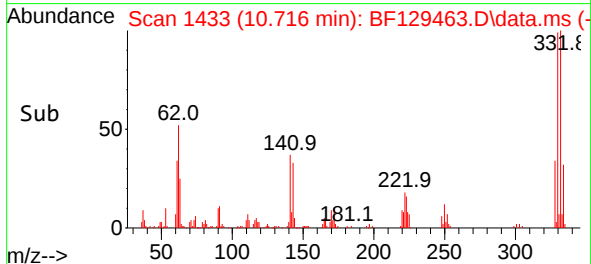
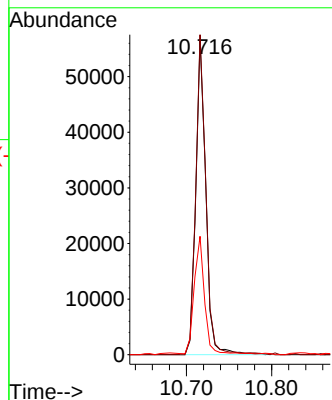
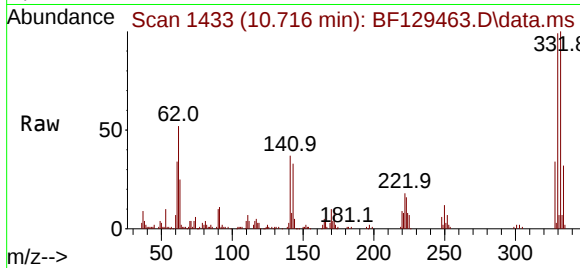
Tgt Ion:330 Resp: 46529

Ion Ratio Lower Upper

330 100

332 101.8 76.8 115.2

141 37.7 28.0 42.0



#45

2-Fluorobiphenyl

Concen: 13.811 ng

RT: 9.239 min Scan# 1182

Delta R.T. -0.006 min

Lab File: BF129463.D

Acq: 30 Jul 2022 02:41

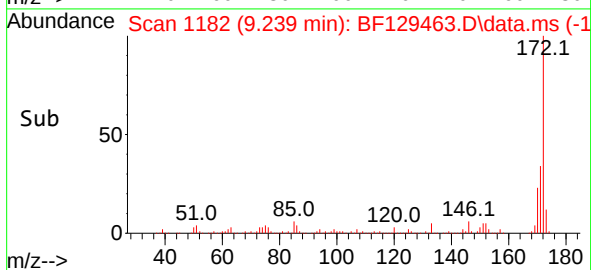
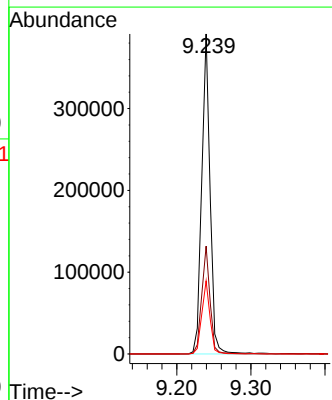
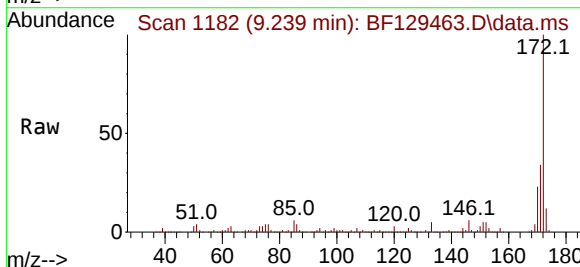
Tgt Ion:172 Resp: 305980

Ion Ratio Lower Upper

172 100

171 33.7 28.8 43.2

170 22.9 19.8 29.8





#51

2,6-Dinitrotoluene

Concen: 8.334 ng

RT: 9.922 min Scan# 1298

Delta R.T. 0.206 min

Lab File: BF129463.D

Acq: 30 Jul 2022 02:41

Instrument :

BNA_F

ClientSampleId :

RVE-53

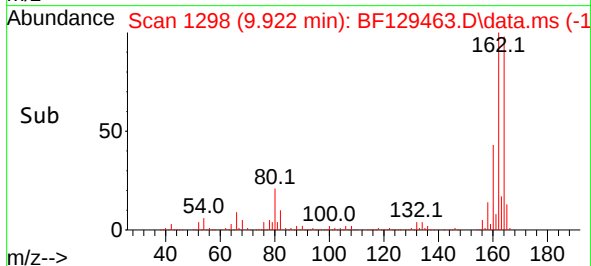
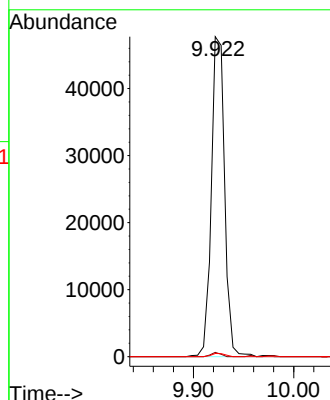
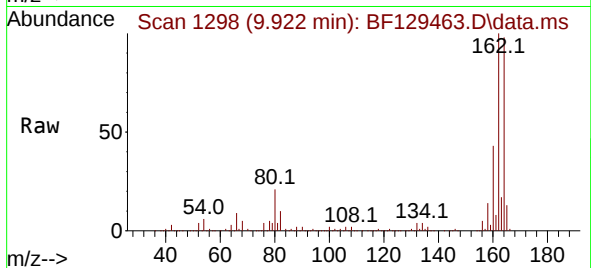
Tgt Ion:165 Resp: 44132

Ion Ratio Lower Upper

165 100

63 1.4 44.9 67.3#

89 1.0 43.6 65.4#



#57

2,4-Dinitrotoluene

Concen: 6.380 ng

RT: 9.922 min Scan# 1298

Delta R.T. -0.200 min

Lab File: BF129463.D

Acq: 30 Jul 2022 02:41

Tgt Ion:165 Resp: 44132

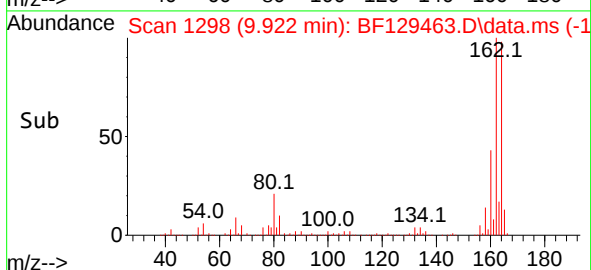
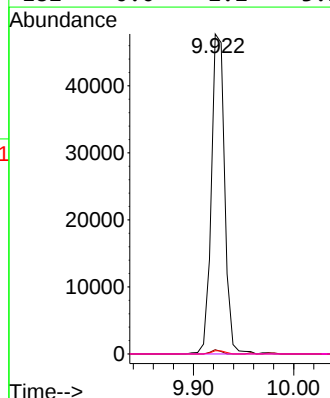
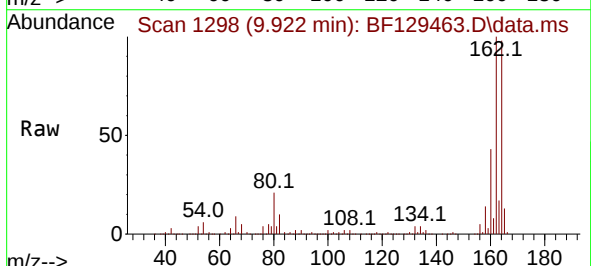
Ion Ratio Lower Upper

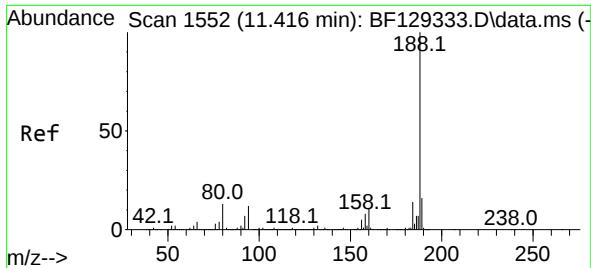
165 100

63 1.4 39.8 59.6#

89 1.0 60.2 90.2#

182 0.0 2.2 3.2#

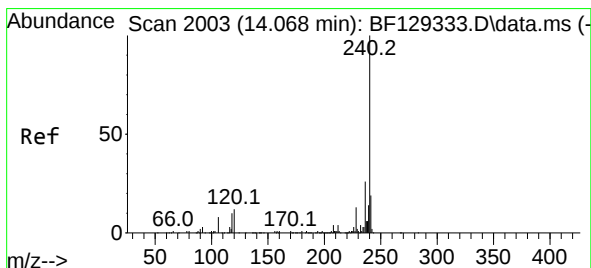
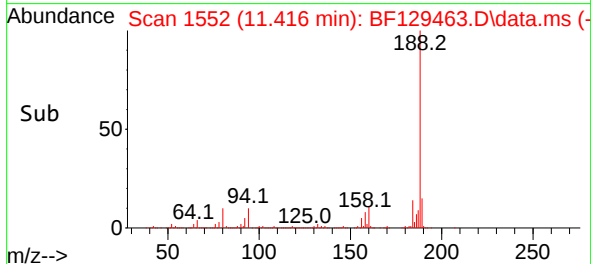
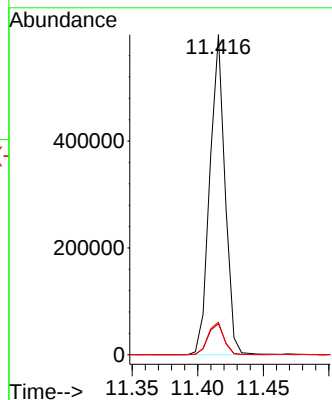
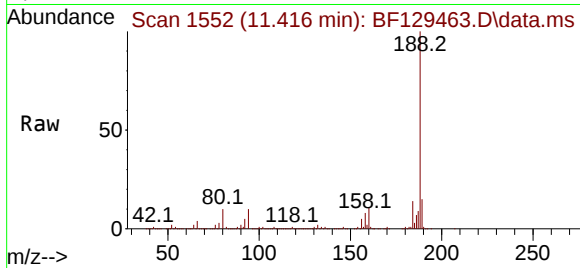




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.416 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF129463.D
Acq: 30 Jul 2022 02:41

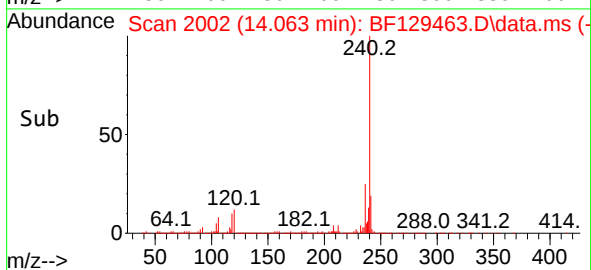
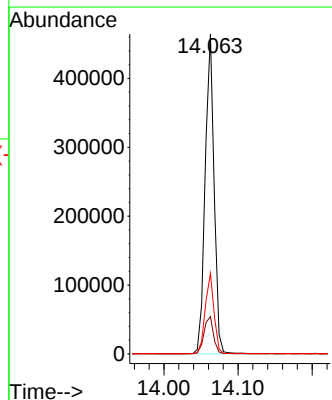
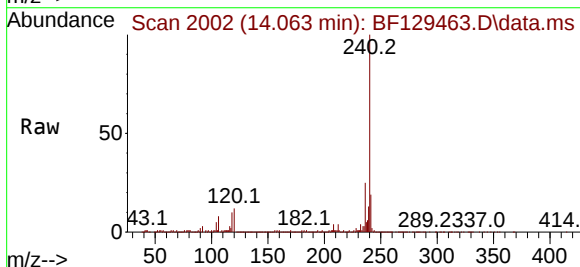
Instrument :
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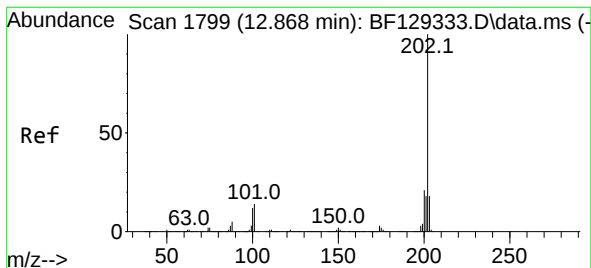
Tgt Ion:188 Resp: 482865
Ion Ratio Lower Upper
188 100
94 9.7 7.0 10.6
80 10.1 7.6 11.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.063 min Scan# 2002
Delta R.T. -0.006 min
Lab File: BF129463.D
Acq: 30 Jul 2022 02:41

Tgt Ion:240 Resp: 389742
Ion Ratio Lower Upper
240 100
120 11.7 8.9 13.3
236 25.2 20.8 31.2





#78

Pyrene

Concen: 2.750 ng

RT: 12.863 min Scan# 1799

Delta R.T. -0.006 min

Lab File: BF129463.D

Acq: 30 Jul 2022 02:41

Instrument :

BNA_F

ClientSampleId :

RVE-53

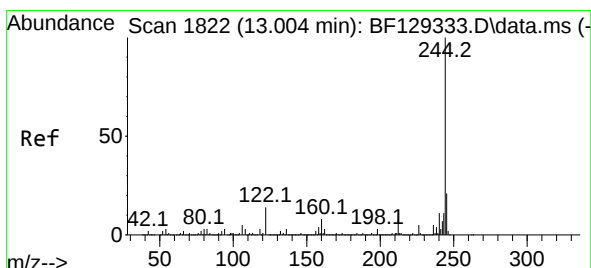
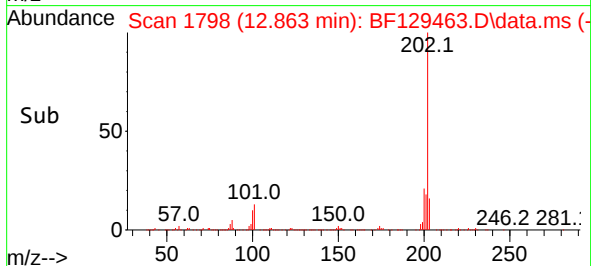
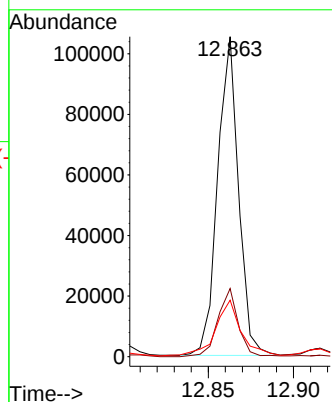
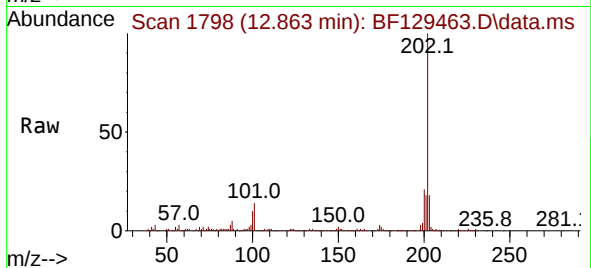
Tgt Ion:202 Resp: 89634

Ion Ratio Lower Upper

202 100

200 21.3 17.7 26.5

203 17.7 14.6 21.8



#79

Terphenyl-d14

Concen: 11.778 ng

RT: 12.998 min Scan# 1821

Delta R.T. -0.006 min

Lab File: BF129463.D

Acq: 30 Jul 2022 02:41

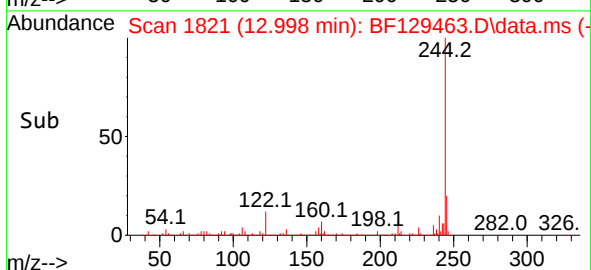
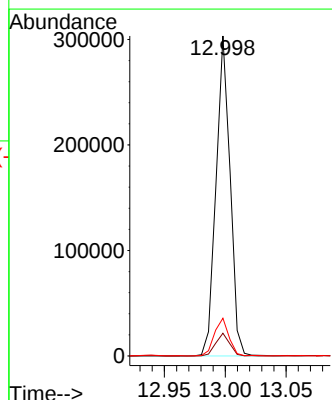
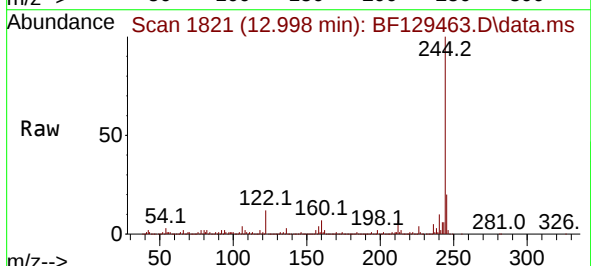
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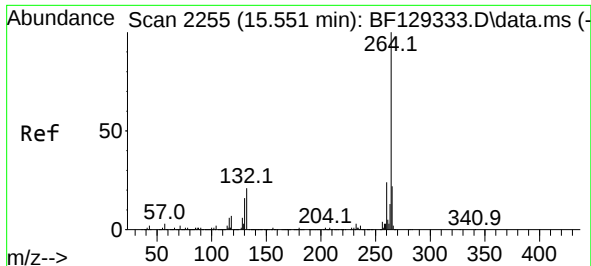
Ion Ratio Lower Upper

244 100

212 7.1 6.1 9.1

122 11.8 8.8 13.2



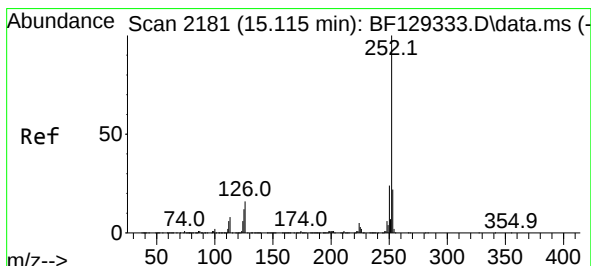
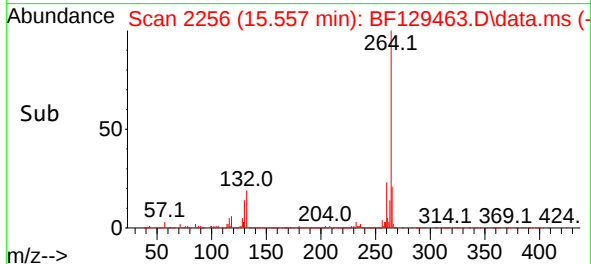
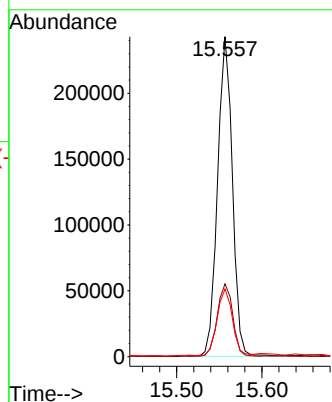
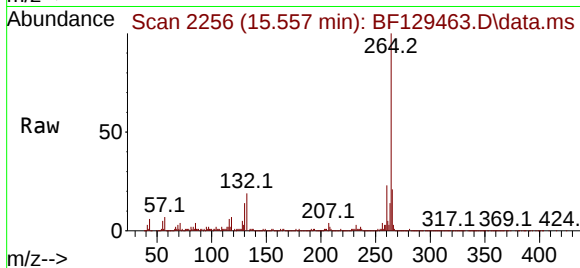


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.557 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF129463.D
Acq: 30 Jul 2022 02:41

Instrument :
BNA_F
ClientSampleId :
RVE-53

Tgt Ion:264 Resp: 293249

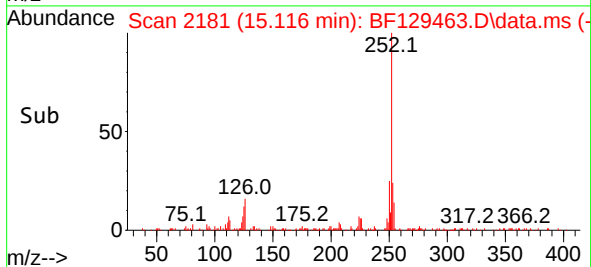
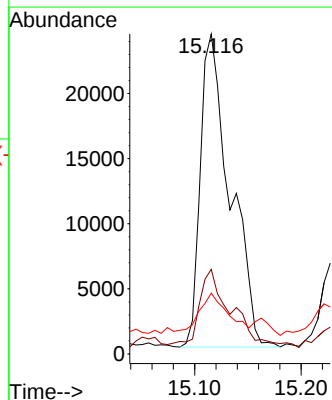
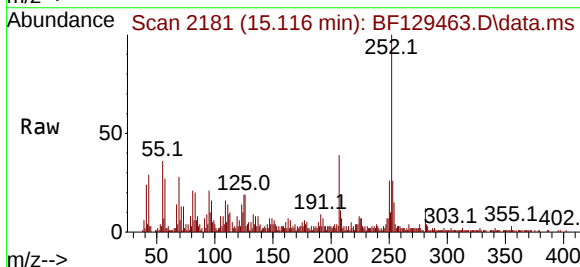
Ion	Ratio	Lower	Upper
264	100		
260	22.8	18.4	27.6
265	21.2	17.2	25.8

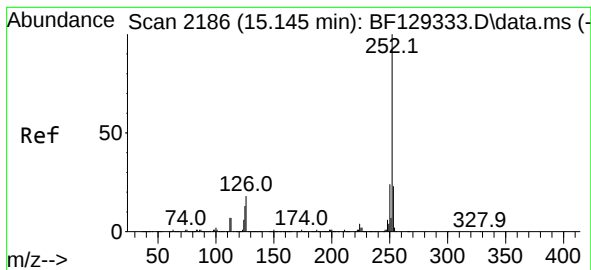


#88
Benzo(b)fluoranthene
Concen: 2.415 ng
RT: 15.116 min Scan# 2181
Delta R.T. 0.000 min
Lab File: BF129463.D
Acq: 30 Jul 2022 02:41

Tgt Ion:252 Resp: 46985

Ion	Ratio	Lower	Upper
252	100		
253	26.4	17.7	26.5
125	19.0	8.0	12.0





#89

Benzo(k)fluoranthene

Concen: 2.465 ng

RT: 15.116 min Scan# 21

Delta R.T. -0.029 min

Lab File: BF129463.D

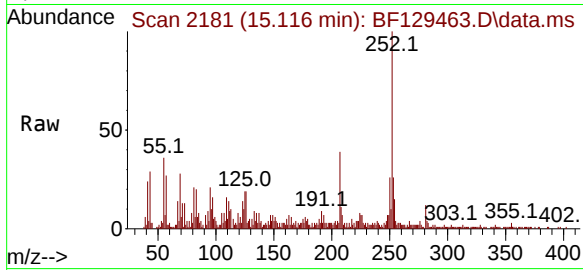
Acq: 30 Jul 2022 02:41

Instrument :

BNA_F

ClientSampleId :

RVE-53



Tgt Ion:252 Resp: 46985

Ion Ratio Lower Upper

252 100

253 26.4 17.8 26.6

125 19.0 8.3 12.5#

