

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072722\
 Data File : BF129384.D
 Acq On : 27 Jul 2022 19:24
 Operator : CG\JU
 Sample : N3861-14
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 2-INCH

Quant Time: Jul 28 01:31:53 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)

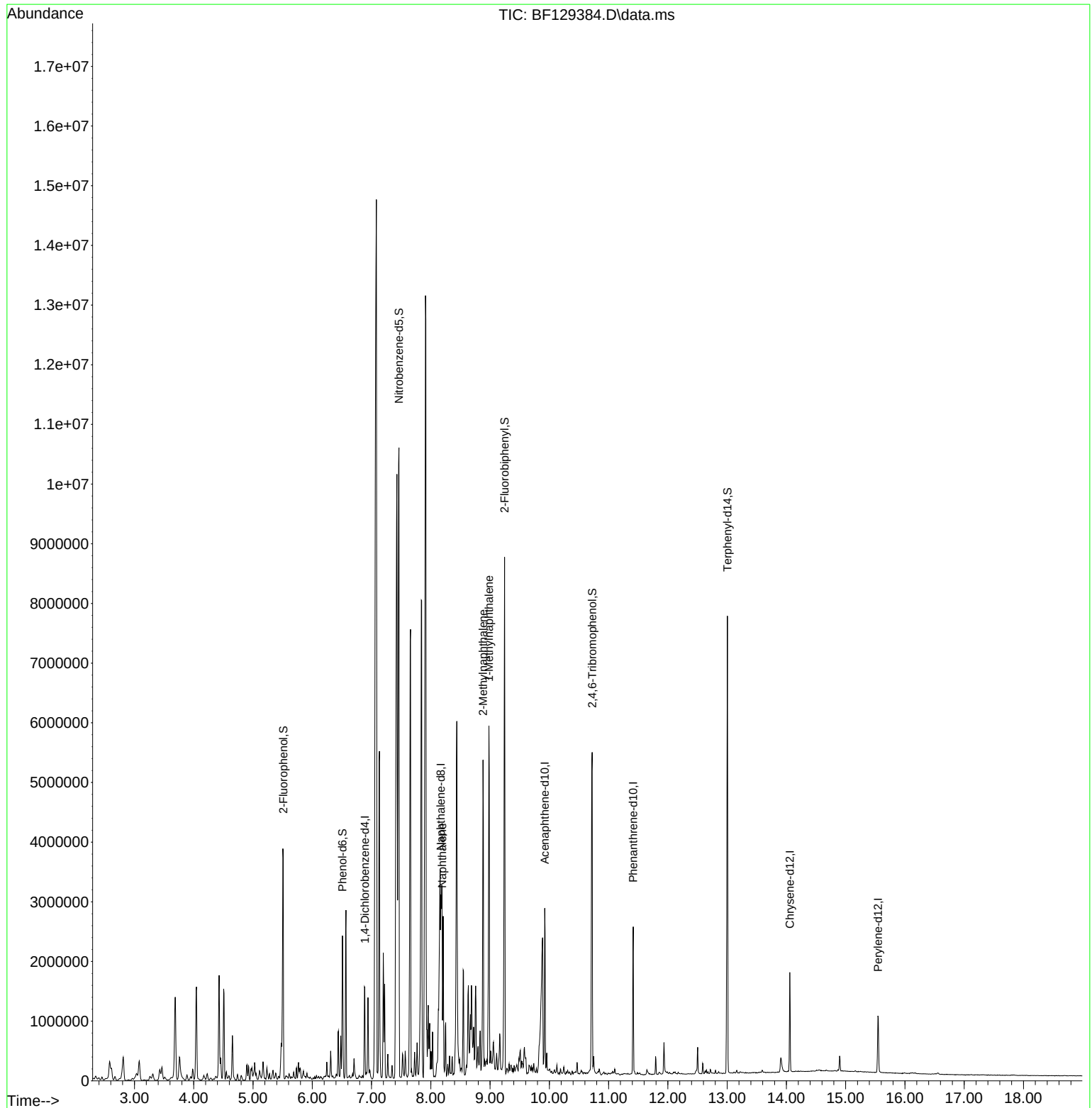
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.886	152	262117	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	971233	20.000	ng	0.00
39) Acenaphthene-d10	9.921	164	533007	20.000	ng	# 0.00
64) Phenanthrene-d10	11.415	188	873371	20.000	ng	0.00
76) Chrysene-d12	14.056	240	535955	20.000	ng	-0.01
86) Perylene-d12	15.545	264	439908	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	1027244	63.841	ng	0.01
7) Phenol-d6	6.510	99	843729	41.717	ng	0.00
23) Nitrobenzene-d5	7.463	82	1440326	80.954	ng	0.01
42) 2,4,6-Tribromophenol	10.721	330	734185	143.271	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	2836832	82.334	ng	0.00
79) Terphenyl-d14	13.004	244	2686208	94.555	ng	0.00
Target Compounds						Qvalue
31) Naphthalene	8.192	128	897084	18.180	ng	98
37) 2-Methylnaphthalene	8.880	142	1506326	46.974	ng	100
38) 1-Methylnaphthalene	8.980	142	1594663	51.514	ng	98

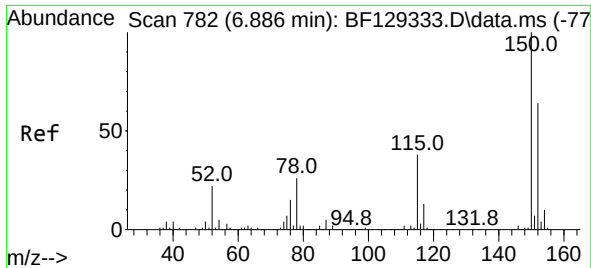
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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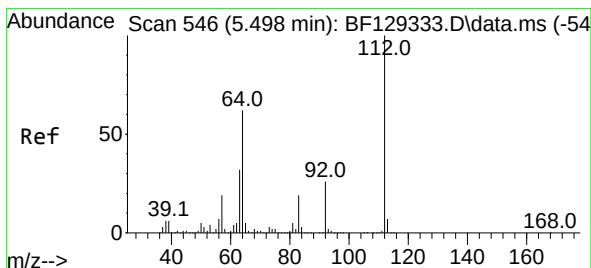
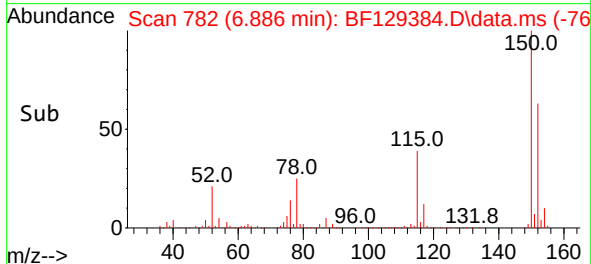
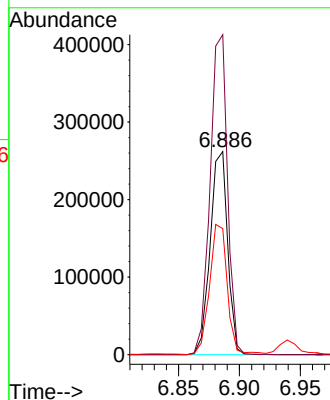
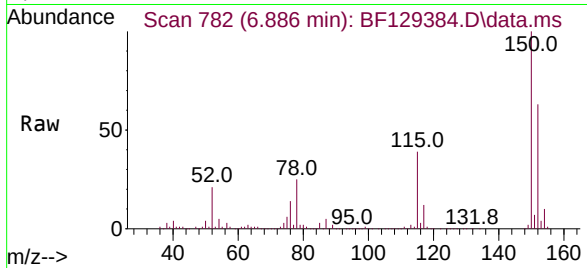




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.886 min Scan# 782
 Delta R.T. 0.000 min
 Lab File: BF129384.D
 Acq: 27 Jul 2022 19:24

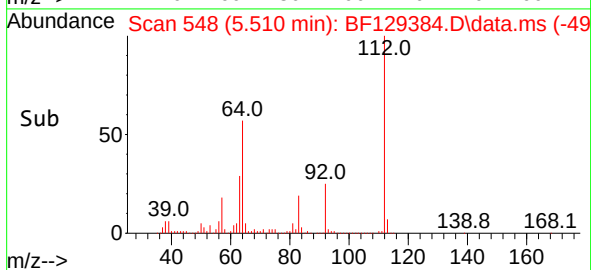
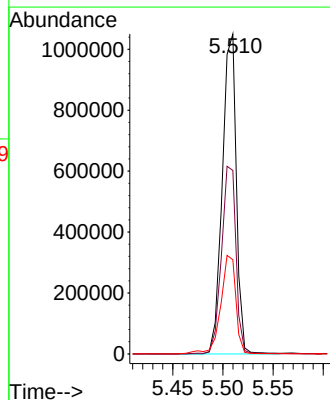
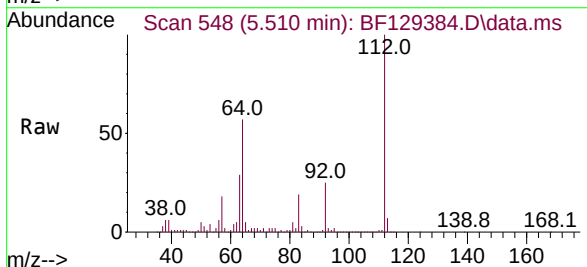
Instrument :
 BNA_F
 ClientSampleId :
 2-INCH

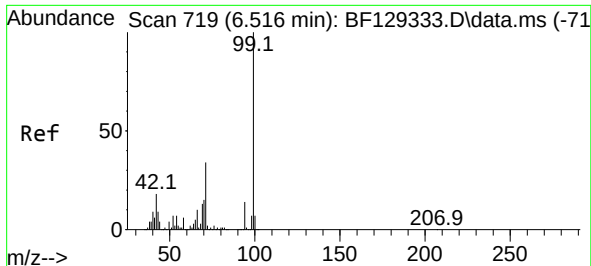
Tgt Ion:152 Resp: 262117
 Ion Ratio Lower Upper
 152 100
 150 157.7 123.7 185.5
 115 62.1 49.9 74.9



#5
 2-Fluorophenol
 Concen: 63.841 ng
 RT: 5.510 min Scan# 548
 Delta R.T. 0.012 min
 Lab File: BF129384.D
 Acq: 27 Jul 2022 19:24

Tgt Ion:112 Resp: 1027244
 Ion Ratio Lower Upper
 112 100
 64 57.4 53.3 79.9
 63 29.4 28.0 42.0





#7

Phenol-d6

Concen: 41.717 ng

RT: 6.510 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF129384.D

Acq: 27 Jul 2022 19:24

Instrument :

BNA_F

ClientSampleId :

2-INCH

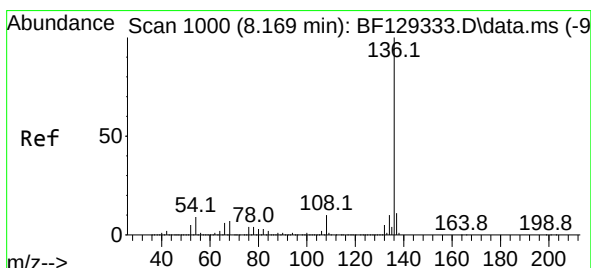
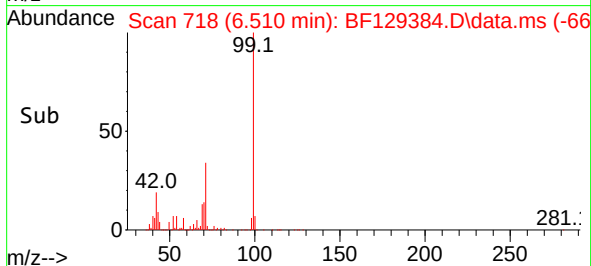
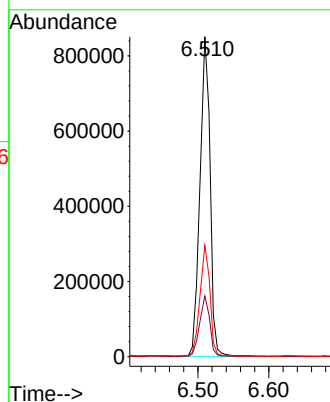
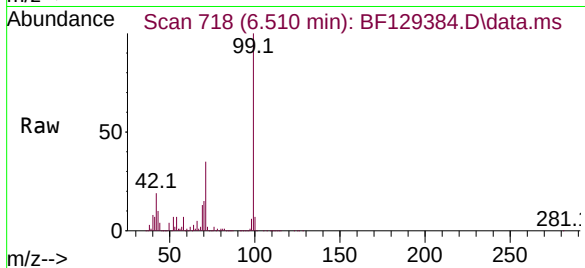
Tgt Ion: 99 Resp: 843729

Ion Ratio Lower Upper

99 100

42 19.0 17.3 25.9

71 34.7 28.9 43.3



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.169 min Scan# 1000

Delta R.T. -0.000 min

Lab File: BF129384.D

Acq: 27 Jul 2022 19:24

Tgt Ion: 136 Resp: 971233

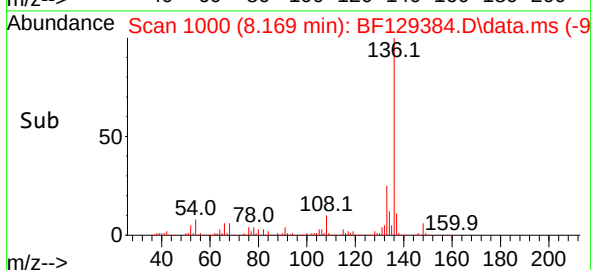
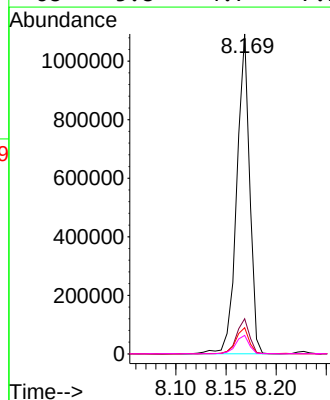
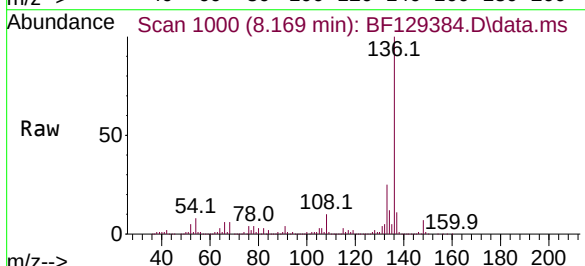
Ion Ratio Lower Upper

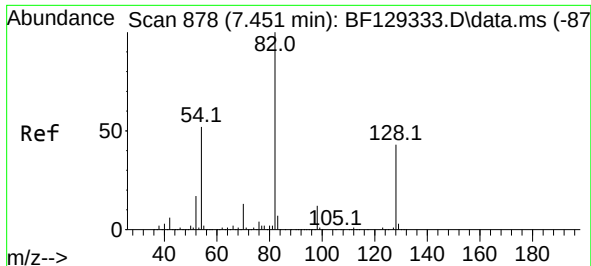
136 100

137 11.0 8.8 13.2

54 8.2 7.5 11.3

68 5.8 4.7 7.1

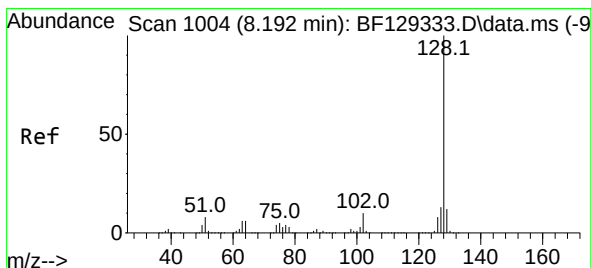
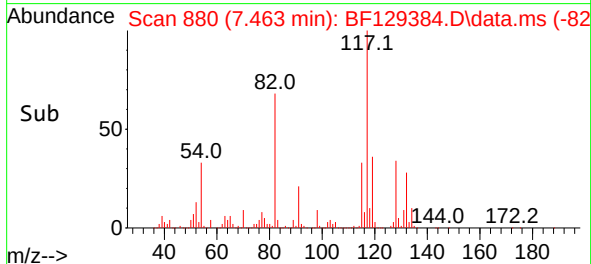
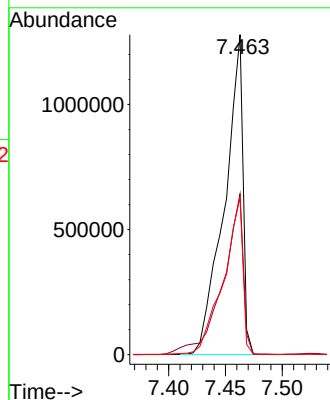
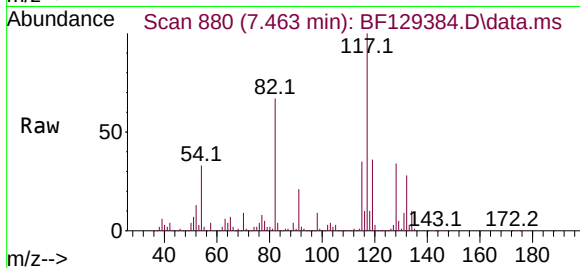




#23
Nitrobenzene-d5
Concen: 80.954 ng
RT: 7.463 min Scan# 880
Delta R.T. 0.012 min
Lab File: BF129384.D
Acq: 27 Jul 2022 19:24

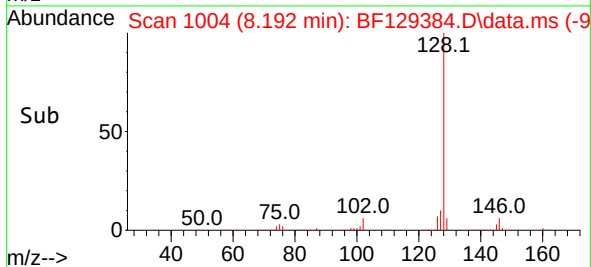
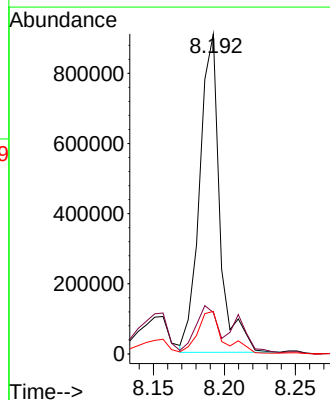
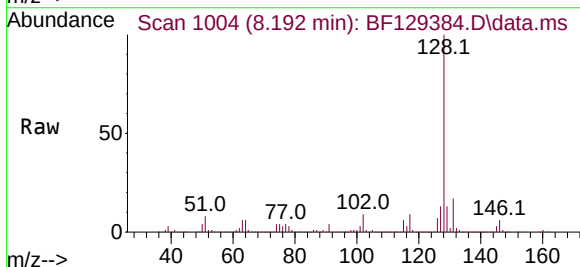
Instrument :
BNA_F
ClientSampleId :
2-INCH

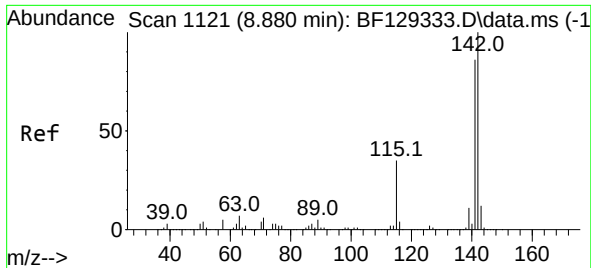
Tgt Ion: 82 Resp: 1440326
Ion Ratio Lower Upper
82 100
128 50.2 34.0 51.0
54 49.1 46.9 70.3



#31
Naphthalene
Concen: 18.180 ng
RT: 8.192 min Scan# 1004
Delta R.T. -0.000 min
Lab File: BF129384.D
Acq: 27 Jul 2022 19:24

Tgt Ion:128 Resp: 897084
Ion Ratio Lower Upper
128 100
129 12.9 9.2 13.8
127 13.3 10.5 15.7





#37

2-Methylnaphthalene

Concen: 46.974 ng

RT: 8.880 min Scan# 1121

Delta R.T. -0.000 min

Lab File: BF129384.D

Acq: 27 Jul 2022 19:24

Instrument :

BNA_F

ClientSampleId :

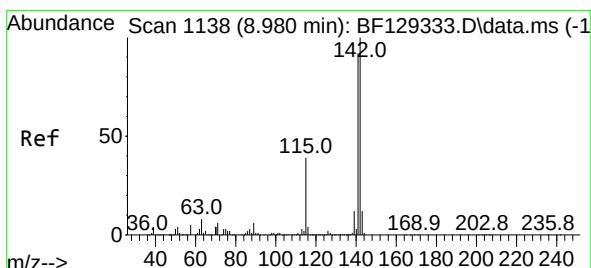
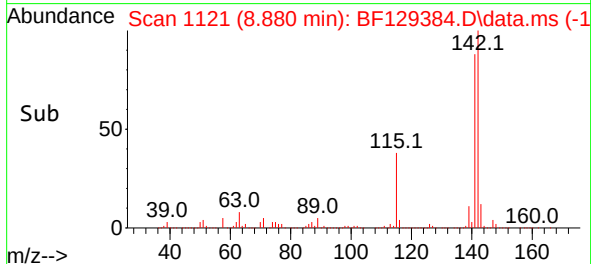
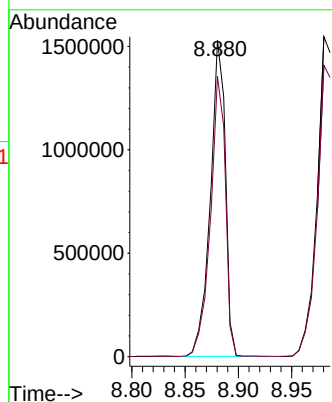
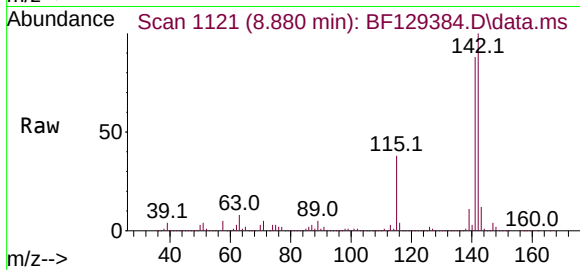
2-INCH

Tgt Ion:142 Resp: 1506326

Ion Ratio Lower Upper

142 100

141 88.5 71.0 106.4



#38

1-Methylnaphthalene

Concen: 51.514 ng

RT: 8.980 min Scan# 1138

Delta R.T. -0.000 min

Lab File: BF129384.D

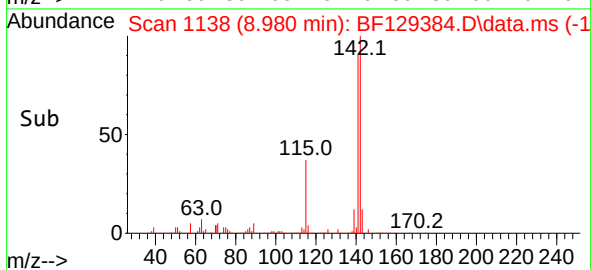
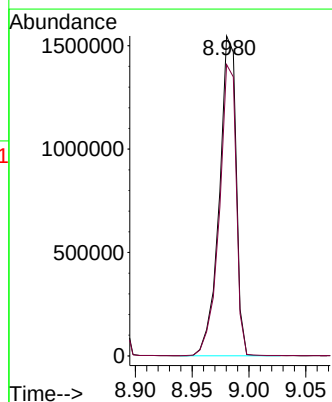
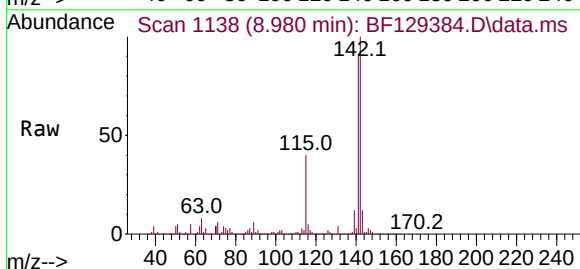
Acq: 27 Jul 2022 19:24

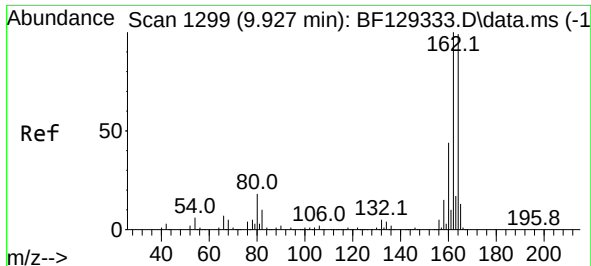
Tgt Ion:142 Resp: 1594663

Ion Ratio Lower Upper

142 100

141 91.0 74.2 111.4

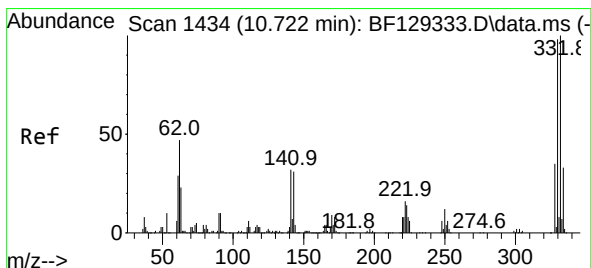
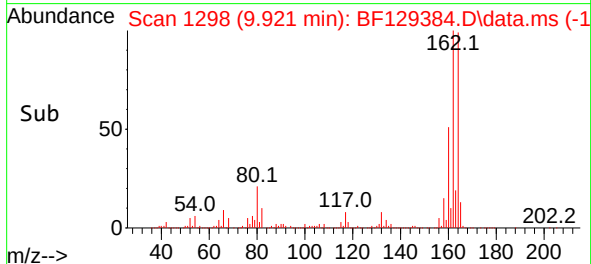
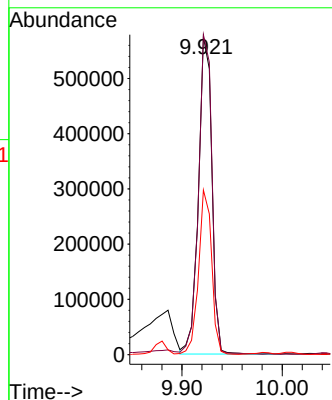
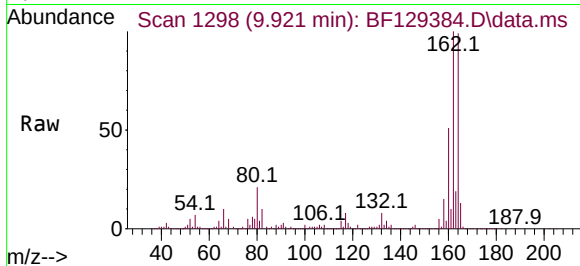




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.921 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF129384.D
Acq: 27 Jul 2022 19:24

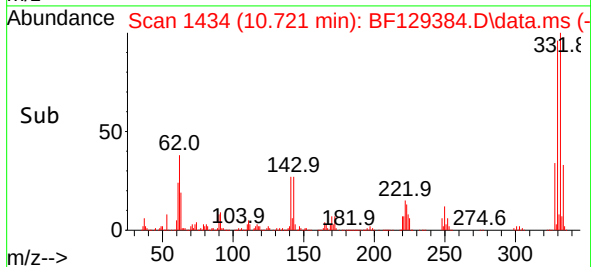
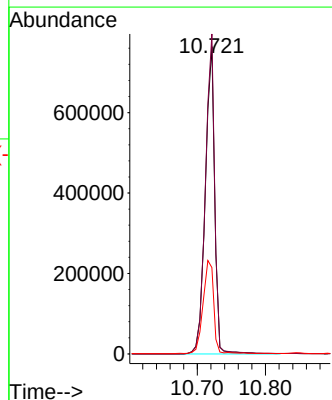
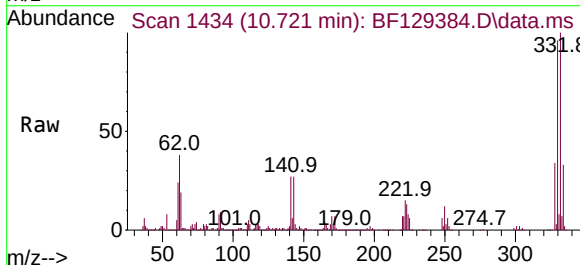
Instrument :
BNA_F
ClientSampleId :
2-INCH

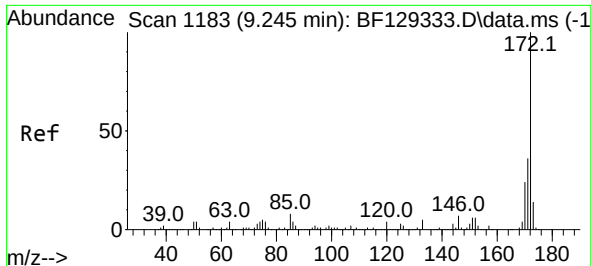
Tgt Ion:164 Resp: 533007
Ion Ratio Lower Upper
164 100
162 100.7 79.5 119.3
160 51.7 34.2 51.4#



#42
2,4,6-Tribromophenol
Concen: 143.271 ng
RT: 10.721 min Scan# 1434
Delta R.T. -0.000 min
Lab File: BF129384.D
Acq: 27 Jul 2022 19:24

Tgt Ion:330 Resp: 734185
Ion Ratio Lower Upper
330 100
332 103.2 76.8 115.2
141 34.5 28.0 42.0

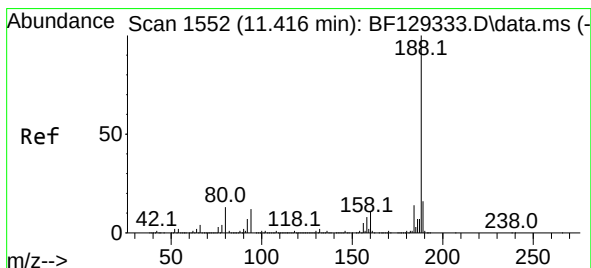
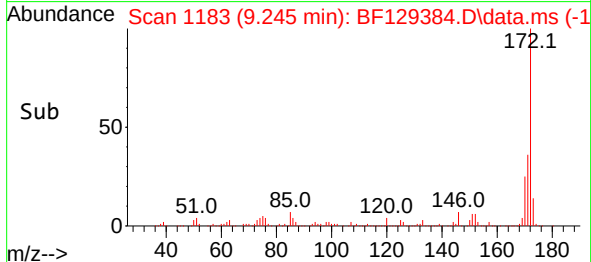
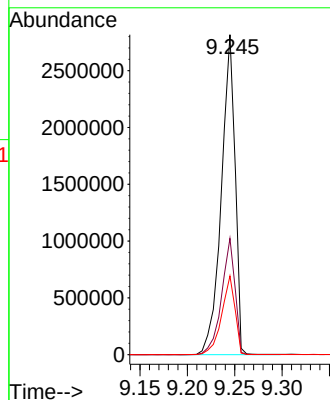
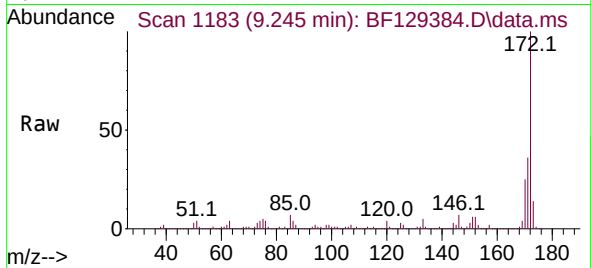




#45
2-Fluorobiphenyl
Concen: 82.334 ng
RT: 9.245 min Scan# 1183
Delta R.T. -0.000 min
Lab File: BF129384.D
Acq: 27 Jul 2022 19:24

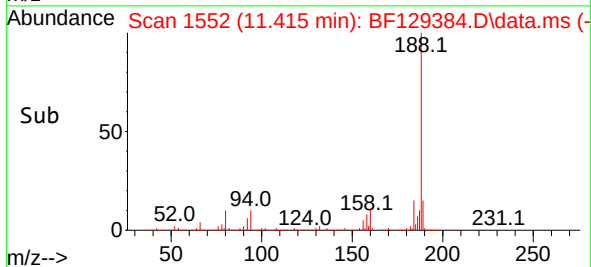
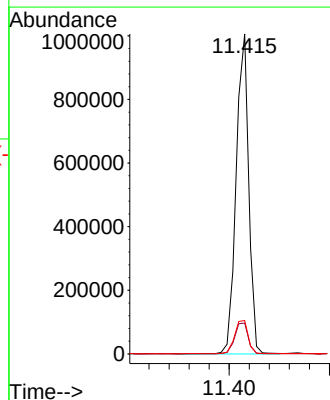
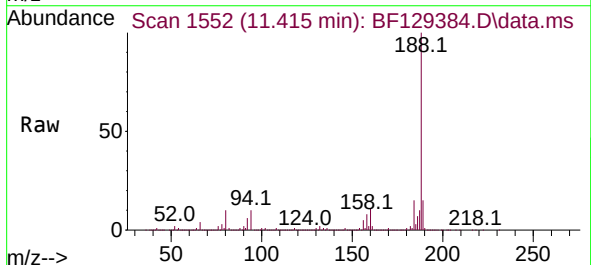
Instrument :
BNA_F
ClientSampleId :
2-INCH

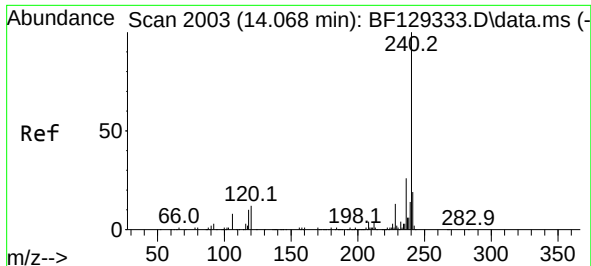
Tgt Ion:172 Resp: 2836832
Ion Ratio Lower Upper
172 100
171 36.3 28.8 43.2
170 24.6 19.8 29.8



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.415 min Scan# 1552
Delta R.T. -0.000 min
Lab File: BF129384.D
Acq: 27 Jul 2022 19:24

Tgt Ion:188 Resp: 873371
Ion Ratio Lower Upper
188 100
94 9.6 7.0 10.6
80 10.4 7.6 11.4

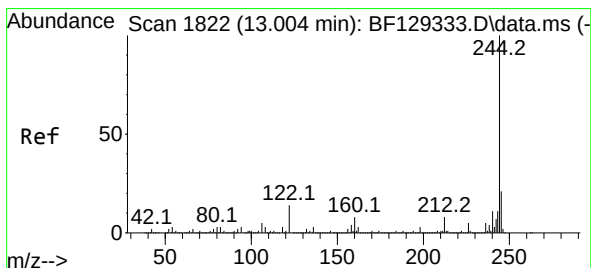
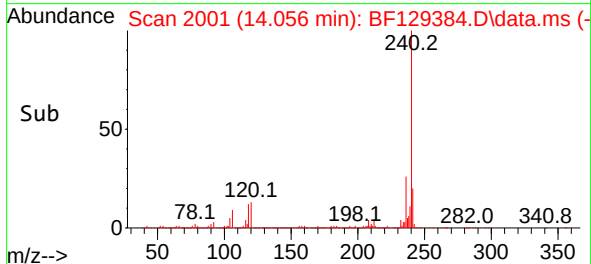
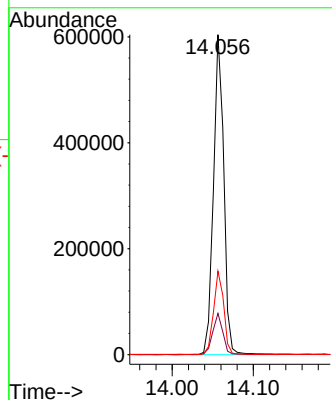
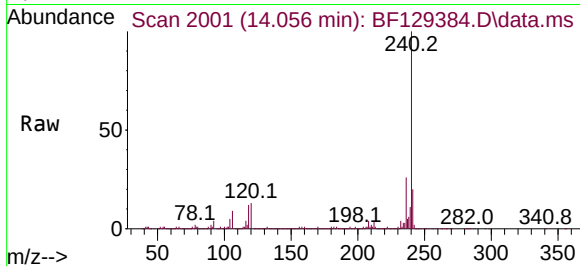




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.056 min Scan# 2003
Delta R.T. -0.012 min
Lab File: BF129384.D
Acq: 27 Jul 2022 19:24

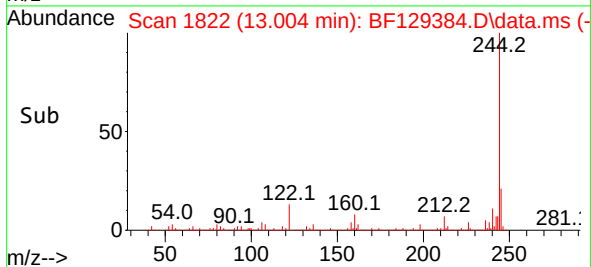
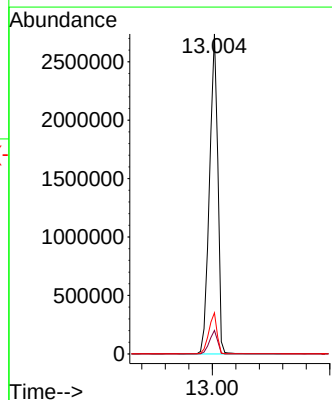
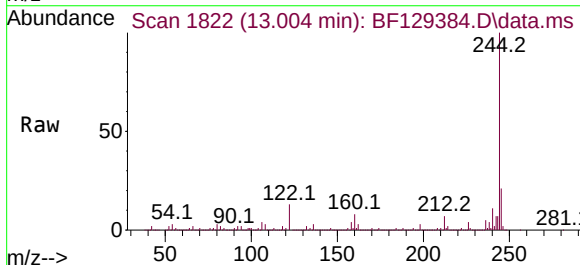
Instrument :
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ClientSampleId :
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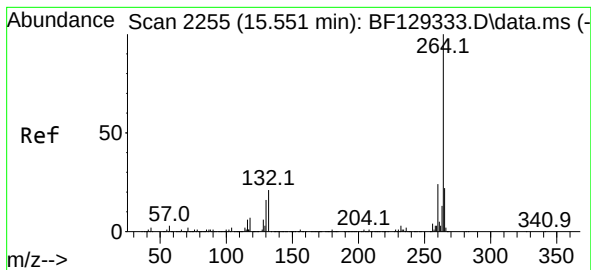
Tgt Ion:240 Resp: 535955
Ion Ratio Lower Upper
240 100
120 12.9 8.9 13.3
236 26.1 20.8 31.2



#79
Terphenyl-d14
Concen: 94.555 ng
RT: 13.004 min Scan# 1822
Delta R.T. -0.000 min
Lab File: BF129384.D
Acq: 27 Jul 2022 19:24

Tgt Ion:244 Resp: 2686208
Ion Ratio Lower Upper
244 100
212 7.3 6.1 9.1
122 12.8 8.8 13.2





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.545 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF129384.D
Acq: 27 Jul 2022 19:24

Instrument :
BNA_F
ClientSampleId :
2-INCH

Tgt Ion:264 Resp: 439908
Ion Ratio Lower Upper
264 100
260 24.4 18.4 27.6
265 21.6 17.2 25.8

