

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030122\
 Data File : BF127136.D
 Acq On : 02 Mar 2022 00:42
 Operator : CG\JU
 Sample : N1713-03 10X
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-235

Quant Time: Mar 02 01:28:23 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 01 23:57:09 2022
 Response via : Initial Calibration

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

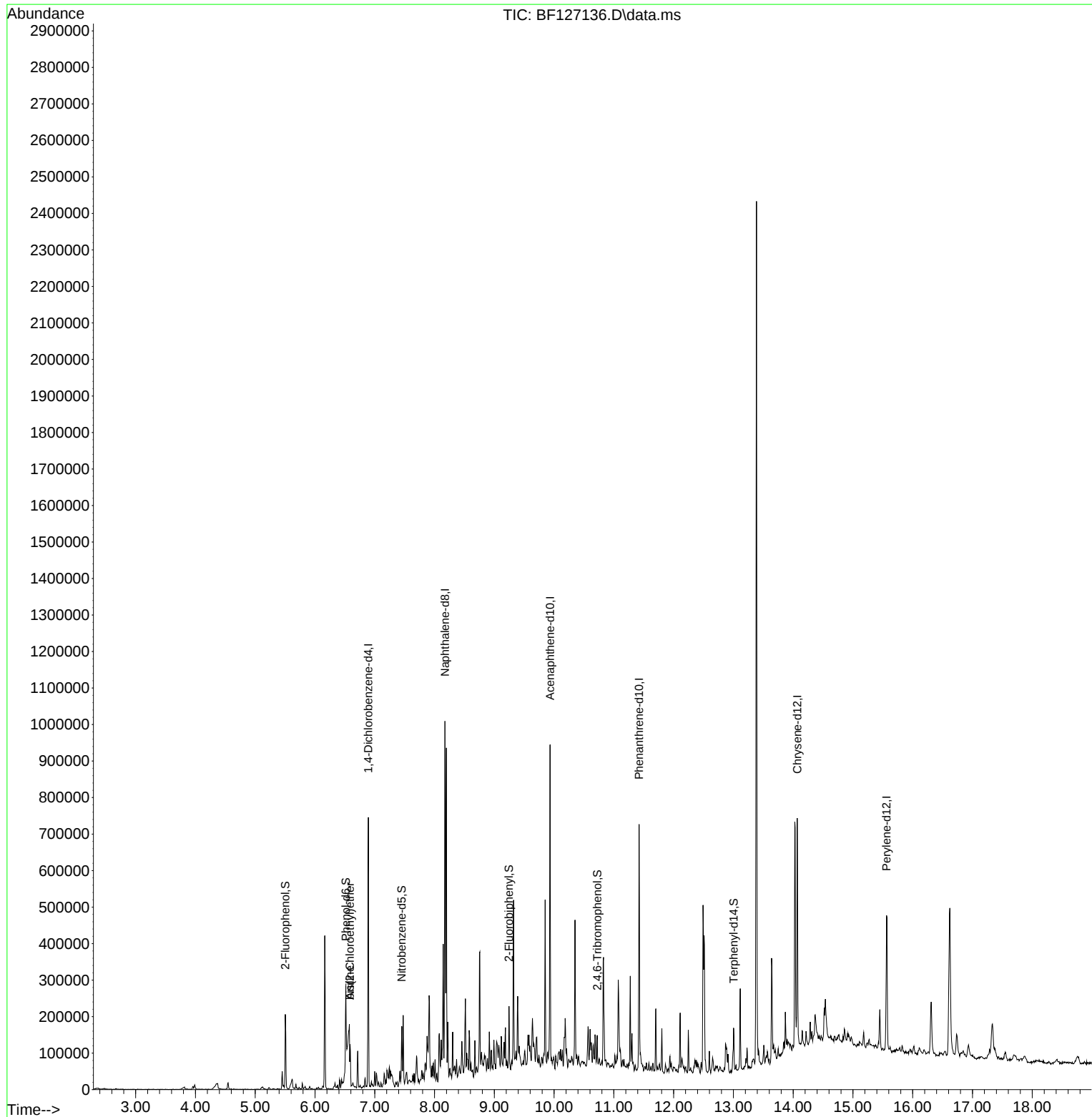
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	94797	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	377974	20.000	ng	# 0.00
39) Acenaphthene-d10	9.933	164	146334	20.000	ng	0.00
64) Phenanthrene-d10	11.421	188	207712	20.000	ng	# 0.00
76) Chrysene-d12	14.068	240	186454	20.000	ng	# 0.00
86) Perylene-d12	15.562	264	157730	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	46321	7.552	ng	0.00
7) Phenol-d6	6.516	99	60921	7.361	ng	0.00
23) Nitrobenzene-d5	7.451	82	39336	4.697	ng	-0.01
42) 2,4,6-Tribromophenol	10.722	330	8996	5.339	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	37884	3.811	ng	0.00
79) Terphenyl-d14	13.004	244	27152	2.141	ng	-0.01
Target Compounds						
						Qvalue
6) Aniline	6.587	93	22262	2.270	ng	# 50
11) bis(2-Chloroethyl)ether	6.587	93	22262	3.394	ng	# 22

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

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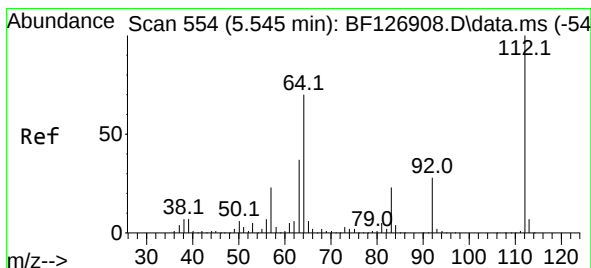
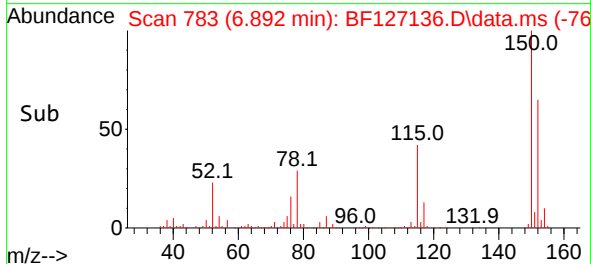
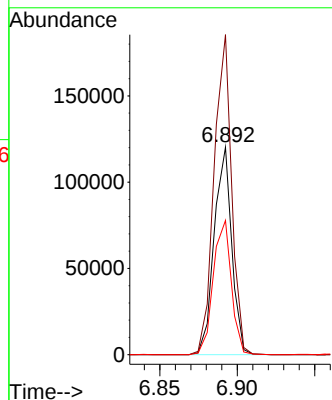
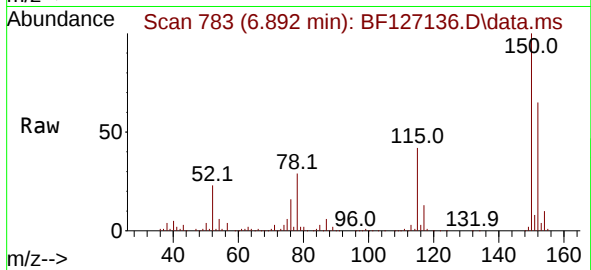




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.892 min Scan# 71
Delta R.T. -0.001 min
Lab File: BF127136.D
Acq: 02 Mar 2022 00:42

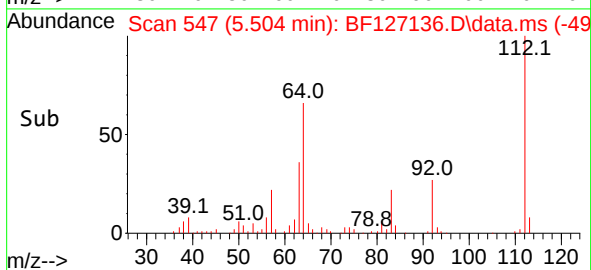
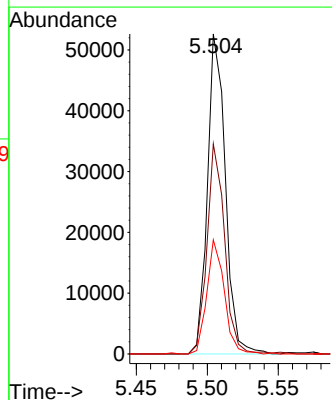
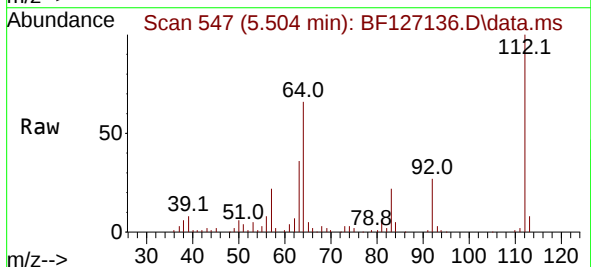
Instrument :
BNA_F
ClientSampleId :
VNJ-235

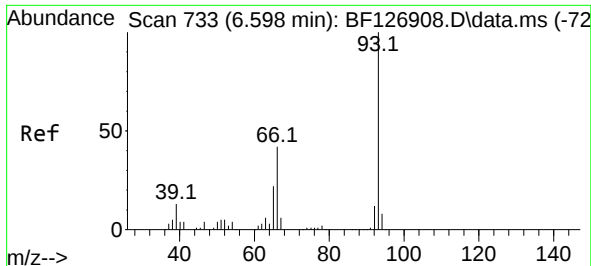
Tgt Ion:152 Resp: 94797
Ion Ratio Lower Upper
152 100
150 154.1 128.1 192.1
115 64.7 56.7 85.1



#5
2-Fluorophenol
Concen: 7.552 ng
RT: 5.504 min Scan# 547
Delta R.T. -0.006 min
Lab File: BF127136.D
Acq: 02 Mar 2022 00:42

Tgt Ion:112 Resp: 46321
Ion Ratio Lower Upper
112 100
64 65.6 49.5 74.3
63 35.7 23.9 35.9





#6

Aniline

Concen: 2.270 ng

RT: 6.587 min Scan# 719

Delta R.T. 0.029 min

Lab File: BF127136.D

Acq: 02 Mar 2022 00:42

Instrument :

BNA_F

ClientSampleId :

VNJ-235

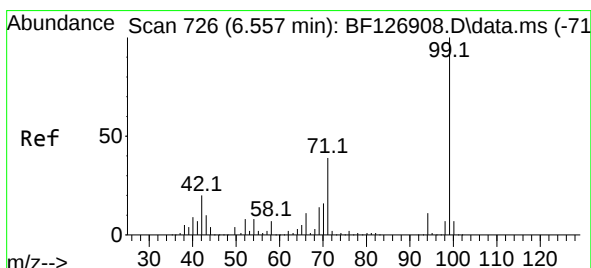
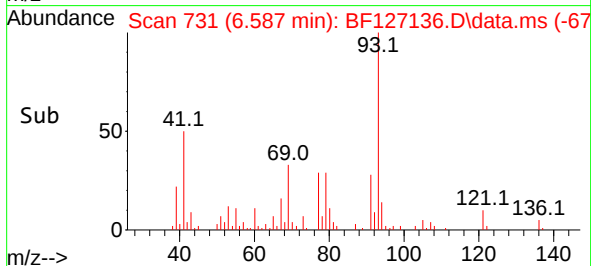
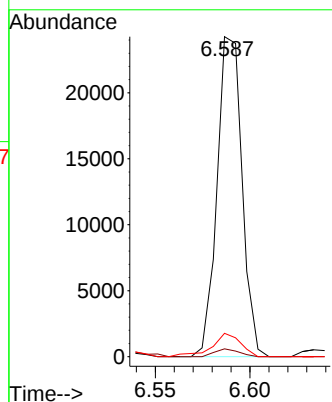
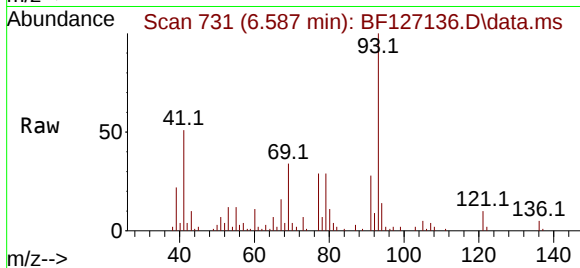
Tgt Ion: 93 Resp: 22262

Ion Ratio Lower Upper

93 100

66 2.5 32.2 48.4#

65 7.3 16.3 24.5#



#7

Phenol-d6

Concen: 7.361 ng

RT: 6.516 min Scan# 719

Delta R.T. -0.006 min

Lab File: BF127136.D

Acq: 02 Mar 2022 00:42

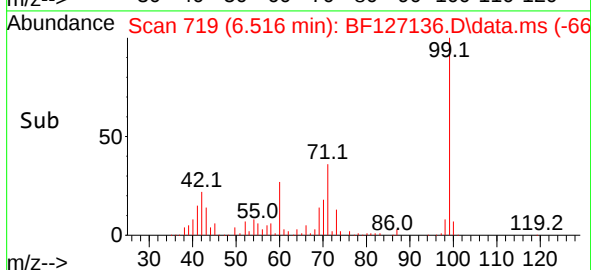
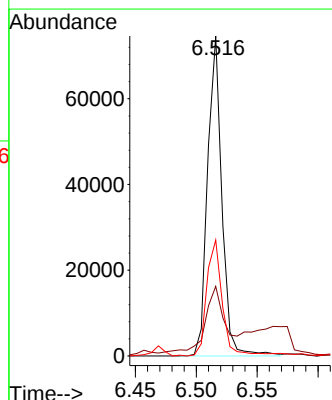
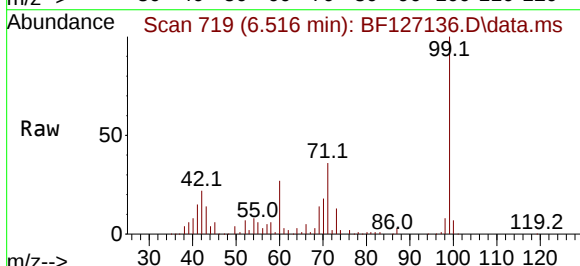
Tgt Ion: 99 Resp: 60921

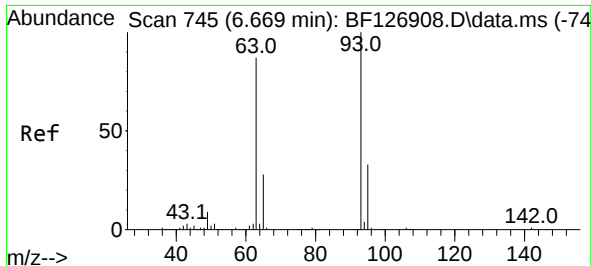
Ion Ratio Lower Upper

99 100

42 21.8 14.2 21.4#

71 36.2 24.3 36.5





#11

bis(2-Chloroethyl)ether

Concen: 3.394 ng

RT: 6.587 min Scan# 71

Delta R.T. -0.041 min

Lab File: BF127136.D

Acq: 02 Mar 2022 00:42

Instrument :

BNA_F

ClientSampleId :

VNJ-235

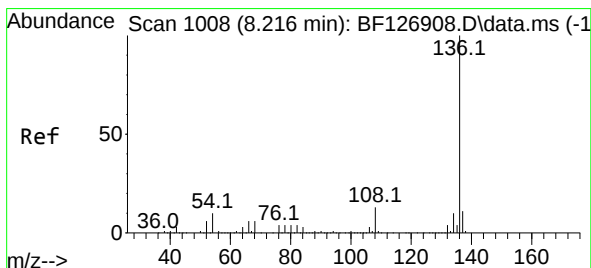
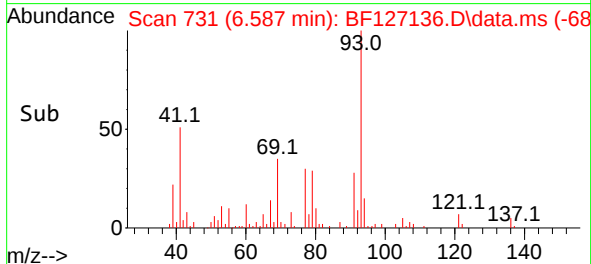
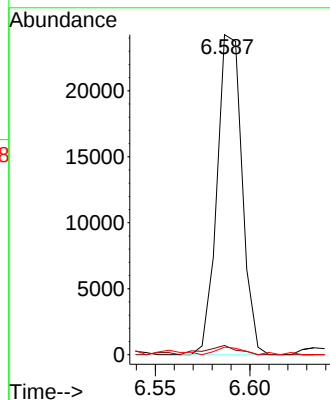
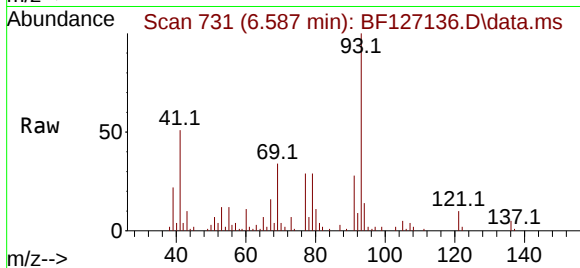
Tgt Ion: 93 Resp: 22262

Ion Ratio Lower Upper

93 100

63 2.9 60.5 100.5#

95 2.3 12.9 52.9#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.175 min Scan# 1001

Delta R.T. -0.000 min

Lab File: BF127136.D

Acq: 02 Mar 2022 00:42

Tgt Ion:136 Resp: 377974

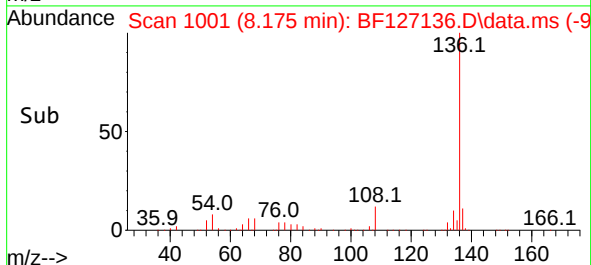
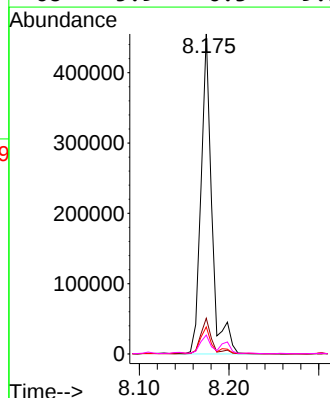
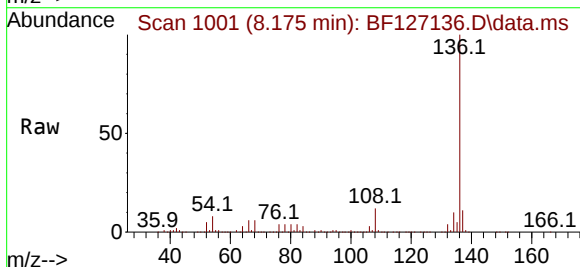
Ion Ratio Lower Upper

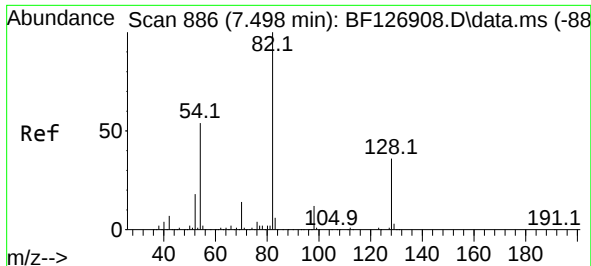
136 100

137 11.2 8.6 13.0

54 8.5 7.8 11.6

68 5.9 6.3 9.5#





#23

Nitrobenzene-d5

Concen: 4.697 ng

RT: 7.451 min Scan# 81

Delta R.T. -0.012 min

Lab File: BF127136.D

Acq: 02 Mar 2022 00:42

Instrument :

BNA_F

ClientSampleId :

VNJ-235

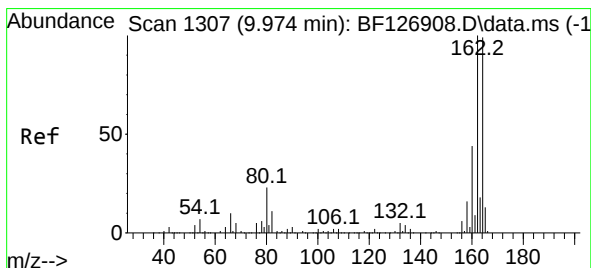
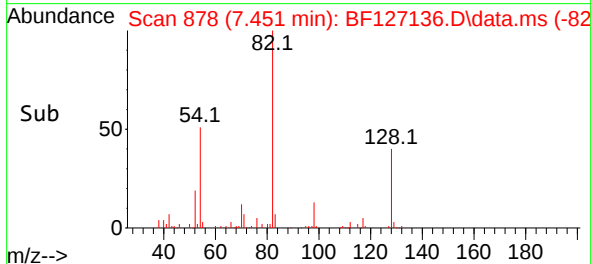
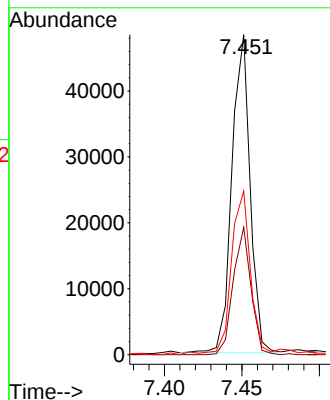
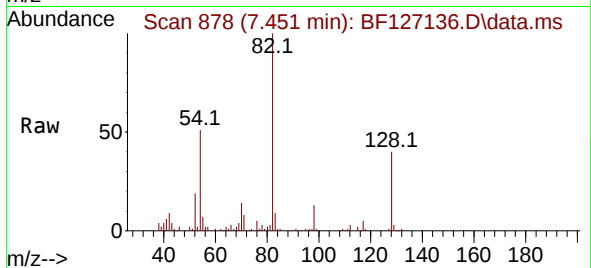
Tgt Ion: 82 Resp: 39336

Ion Ratio Lower Upper

82 100

128 39.8 32.7 49.1

54 51.1 41.7 62.5



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.933 min Scan# 1300

Delta R.T. -0.006 min

Lab File: BF127136.D

Acq: 02 Mar 2022 00:42

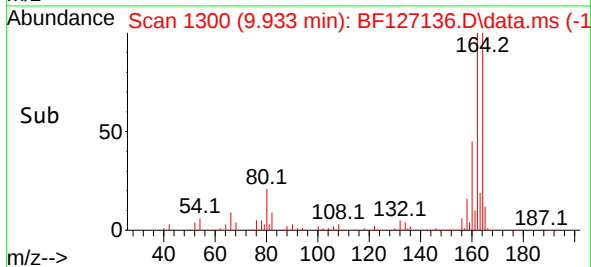
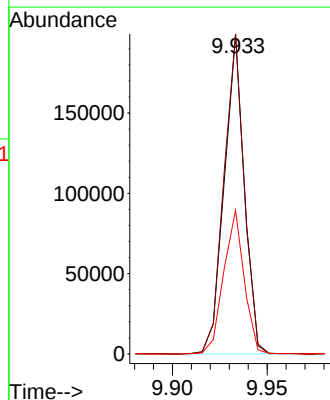
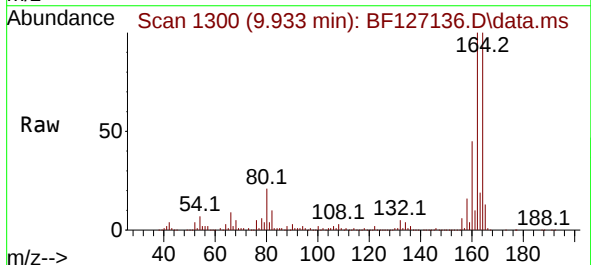
Tgt Ion:164 Resp: 146334

Ion Ratio Lower Upper

164 100

162 100.0 81.4 122.0

160 44.9 36.6 54.8





#42

2,4,6-Tribromophenol

Concen: 5.339 ng

RT: 10.722 min Scan# 1442

Delta R.T. -0.006 min

Lab File: BF127136.D

Acq: 02 Mar 2022 00:42

Instrument :

BNA_F

ClientSampleId :

VNJ-235

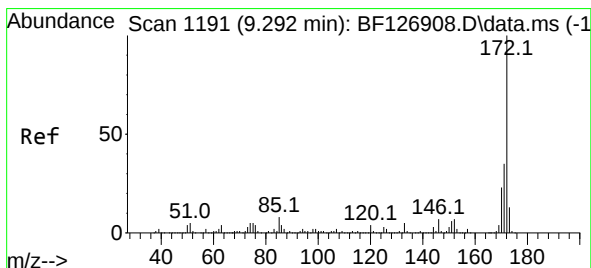
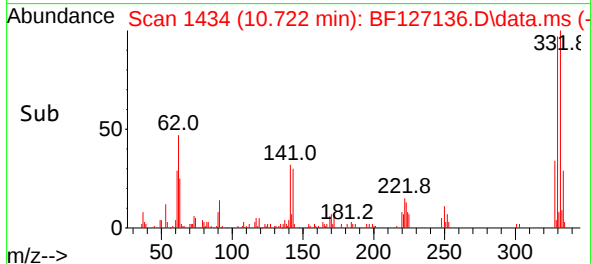
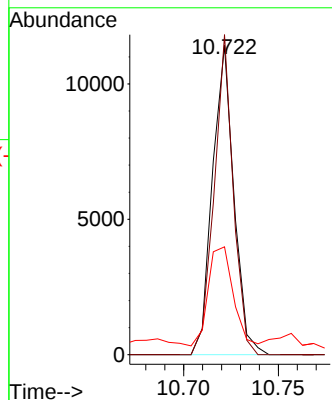
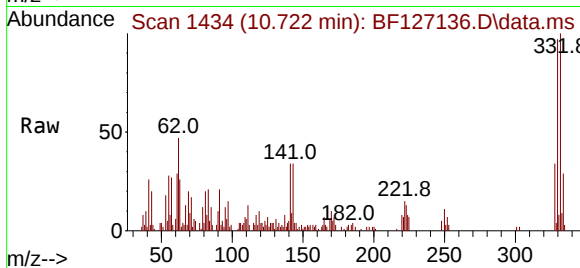
Tgt Ion:330 Resp: 8996

Ion Ratio Lower Upper

330 100

332 92.0 76.0 114.0

141 37.2 30.1 45.1



#45

2-Fluorobiphenyl

Concen: 3.811 ng

RT: 9.245 min Scan# 1183

Delta R.T. -0.006 min

Lab File: BF127136.D

Acq: 02 Mar 2022 00:42

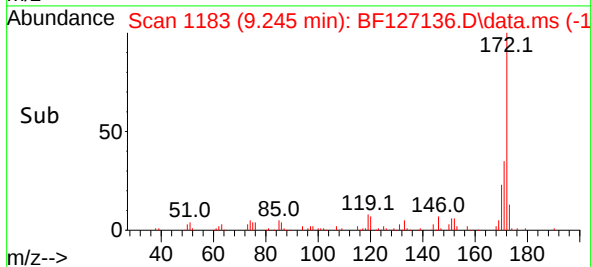
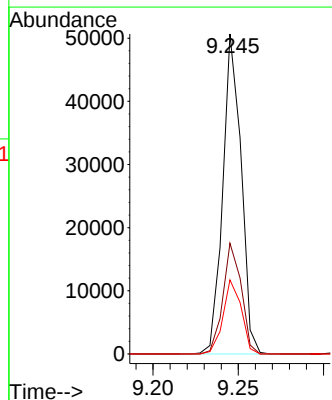
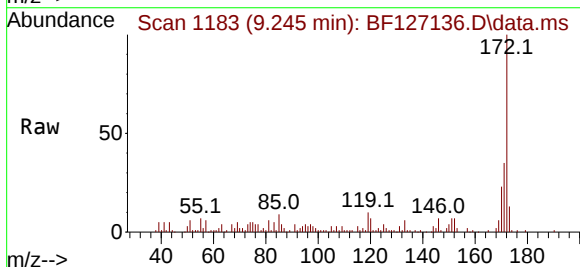
Tgt Ion:172 Resp: 37884

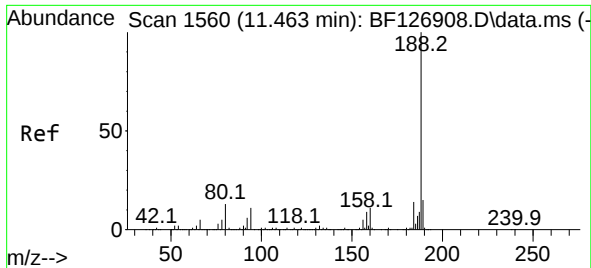
Ion Ratio Lower Upper

172 100

171 34.6 28.3 42.5

170 23.1 19.0 28.6

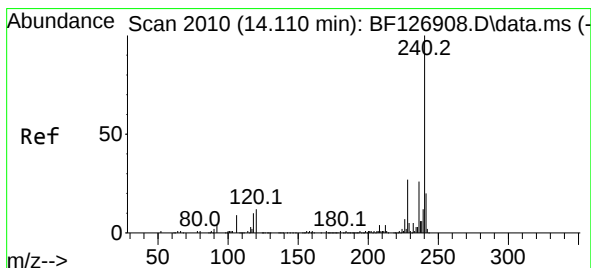
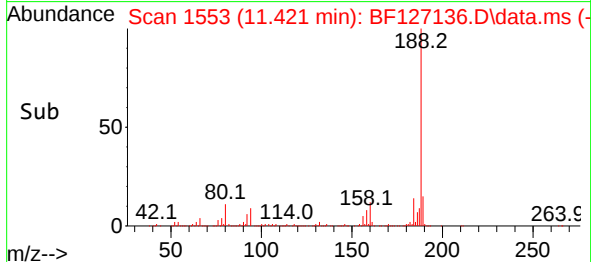
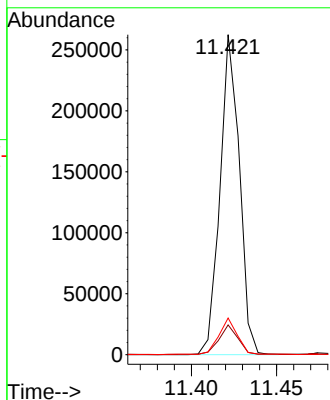
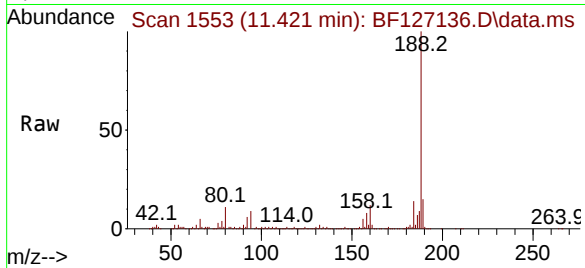




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.421 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF127136.D
Acq: 02 Mar 2022 00:42

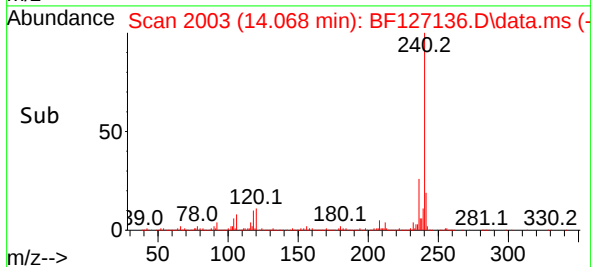
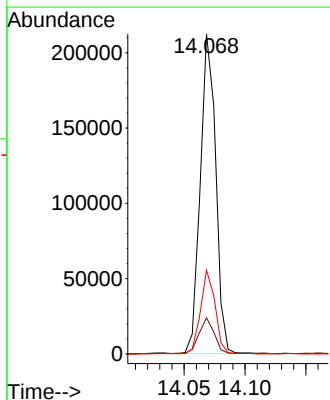
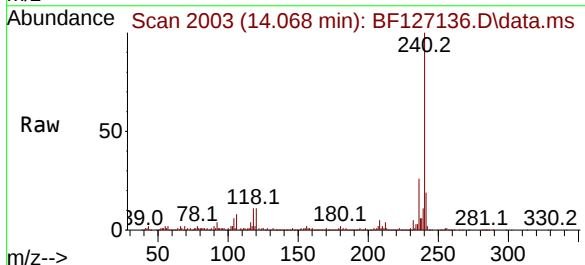
Instrument :
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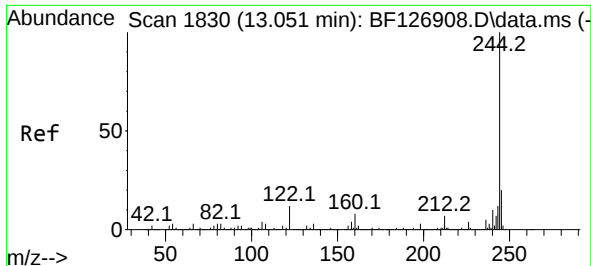
Tgt Ion:188 Resp: 207712
Ion Ratio Lower Upper
188 100
94 9.3 10.1 15.1#
80 11.5 11.8 17.6#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.068 min Scan# 2003
Delta R.T. -0.006 min
Lab File: BF127136.D
Acq: 02 Mar 2022 00:42

Tgt Ion:240 Resp: 186454
Ion Ratio Lower Upper
240 100
120 11.3 14.4 21.6#
236 26.2 20.5 30.7

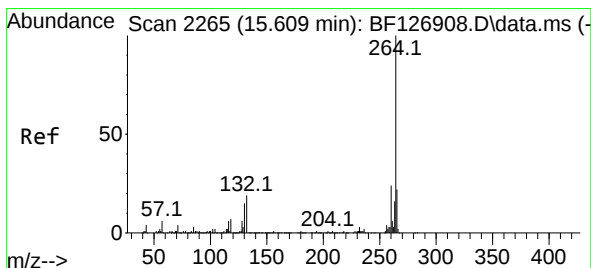
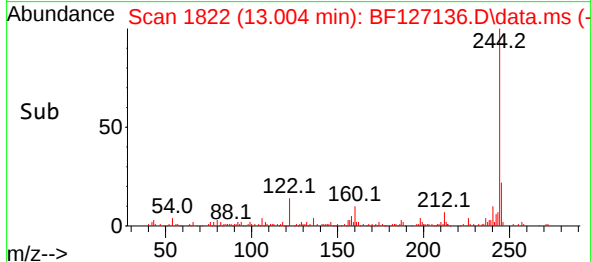
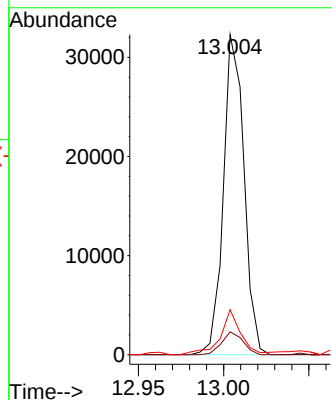
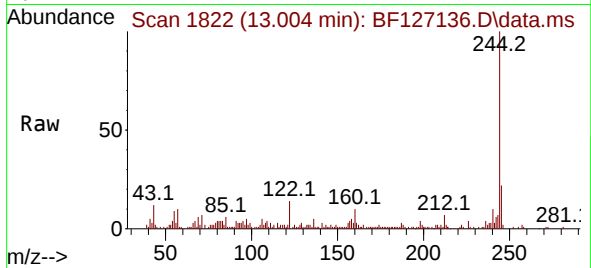




#79
Terphenyl-d14
Concen: 2.141 ng
RT: 13.004 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF127136.D
Acq: 02 Mar 2022 00:42

Instrument :
BNA_F
ClientSampleId :
VNJ-235

Tgt Ion:244 Resp: 27152
Ion Ratio Lower Upper
244 100
212 7.1 5.0 7.4
122 14.0 13.3 19.9



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.562 min Scan# 2257
Delta R.T. -0.006 min
Lab File: BF127136.D
Acq: 02 Mar 2022 00:42

Tgt Ion:264 Resp: 157730
Ion Ratio Lower Upper
264 100
260 22.9 19.2 28.8
265 21.3 17.4 26.2

