

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF040722\
 Data File : BF127696.D
 Acq On : 07 Apr 2022 21:27
 Operator : CG\JU
 Sample : N2337-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 A08015

Quant Time: Apr 08 04:46:27 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF040622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 06 13:55:27 2022
 Response via : Initial Calibration

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

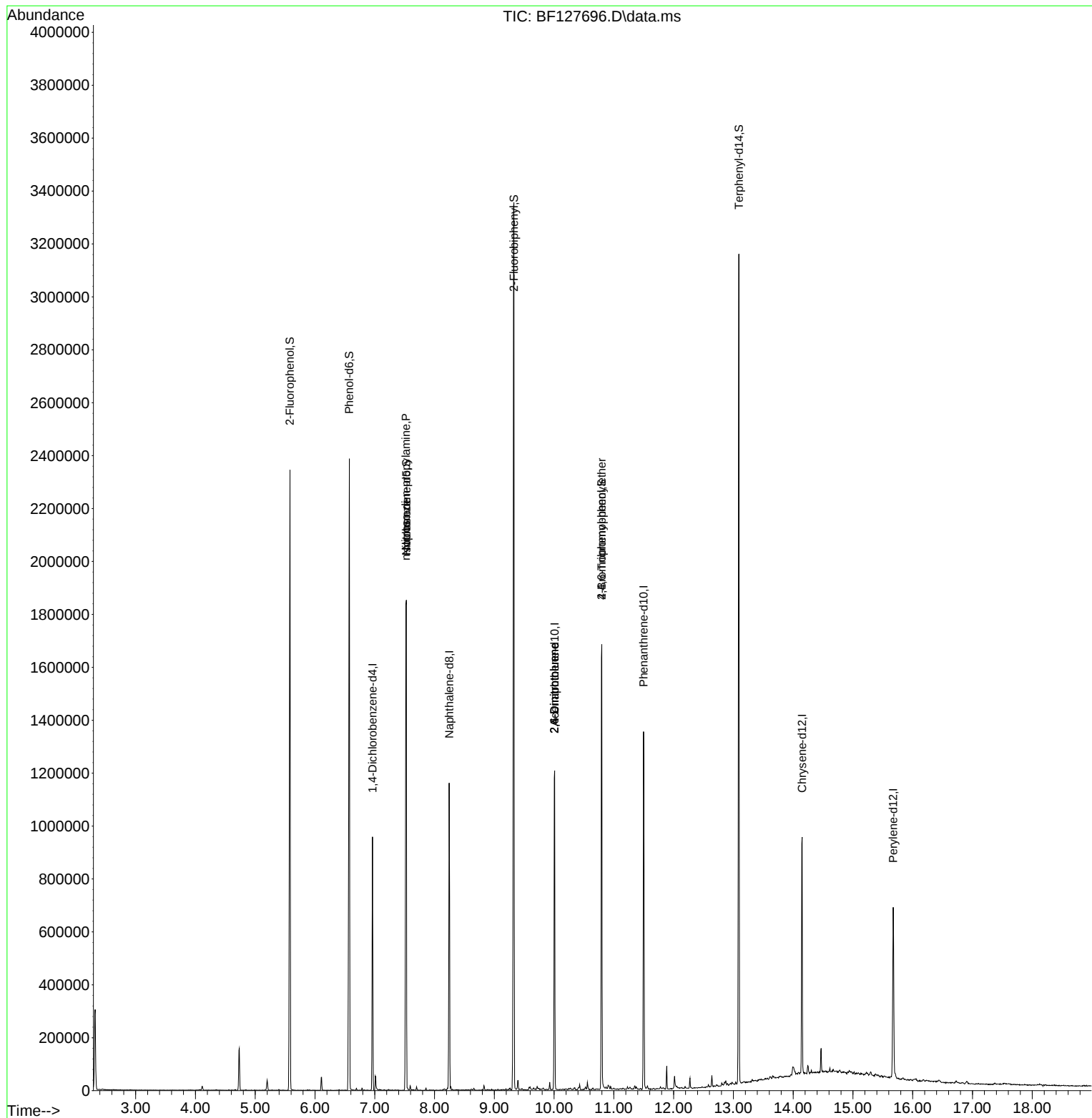
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.963	152	124231	20.000	ng	0.00
21) Naphthalene-d8	8.245	136	460148	20.000	ng	# 0.00
39) Acenaphthene-d10	10.010	164	264227	20.000	ng	0.00
64) Phenanthrene-d10	11.498	188	487040	20.000	ng	0.00
76) Chrysene-d12	14.151	240	331057	20.000	ng	0.00
86) Perylene-d12	15.674	264	311733	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.581	112	568446	74.351	ng	0.00
7) Phenol-d6	6.575	99	775378	77.523	ng	0.00
23) Nitrobenzene-d5	7.528	82	674757	65.374	ng	0.00
42) 2,4,6-Tribromophenol	10.798	330	201609	71.702	ng	0.00
45) 2-Fluorobiphenyl	9.327	172	1178901	63.118	ng	0.00
79) Terphenyl-d14	13.092	244	1049547	52.329	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.516	77	259	Below Cal	#	65
19) n-Nitroso-di-n-propyla...	7.522	70	91151	14.090	ng	# 74
25) Isophorone	7.528	82	674749	37.465	ng	# 70
51) 2,6-Dinitrotoluene	10.004	165	35013	9.698	ng	# 17
57) 2,4-Dinitrotoluene	10.004	165	35013	7.823	ng	# 13
67) 4-Bromophenyl-phenylether	10.798	248	12966	2.194	ng	# 1

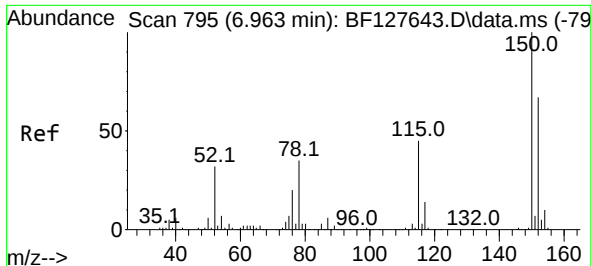
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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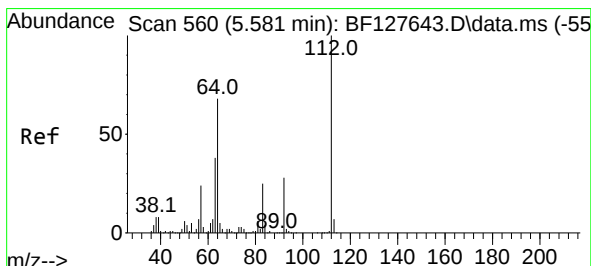
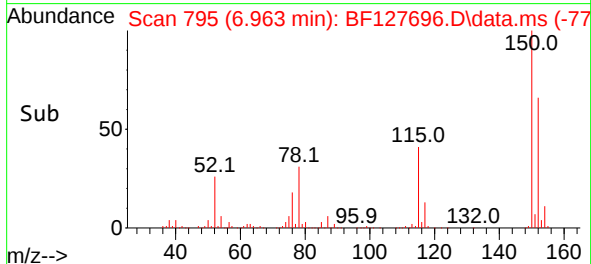
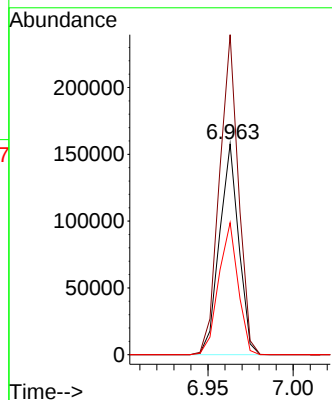
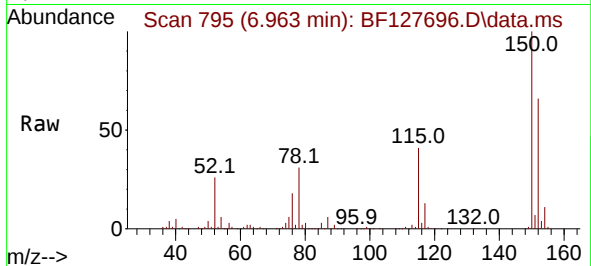




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.963 min Scan# 795
 Delta R.T. -0.000 min
 Lab File: BF127696.D
 Acq: 07 Apr 2022 21:27

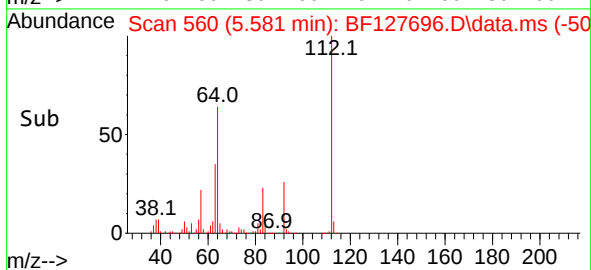
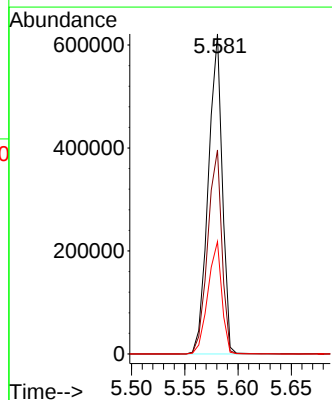
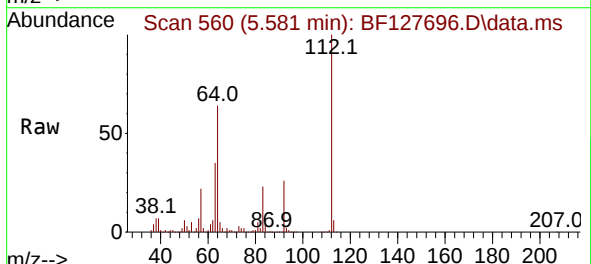
Instrument :
 BNA_F
 ClientSampleId :
 A08015

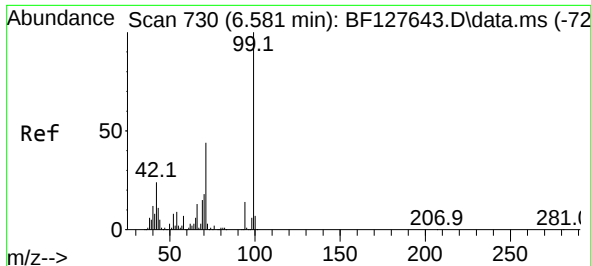
Tgt Ion:152 Resp: 124231
 Ion Ratio Lower Upper
 152 100
 150 151.9 117.2 175.8
 115 62.7 49.8 74.6



#5
 2-Fluorophenol
 Concen: 74.351 ng
 RT: 5.581 min Scan# 560
 Delta R.T. -0.000 min
 Lab File: BF127696.D
 Acq: 07 Apr 2022 21:27

Tgt Ion:112 Resp: 568446
 Ion Ratio Lower Upper
 112 100
 64 63.7 58.4 87.6
 63 35.1 30.1 45.1

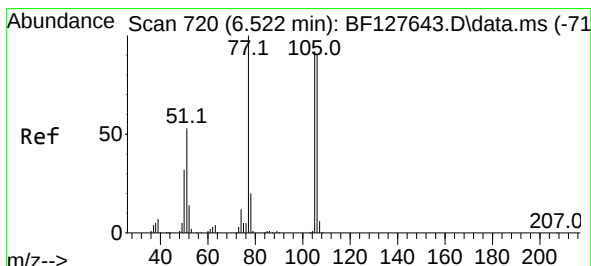
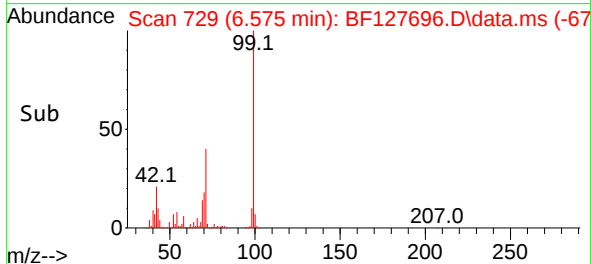
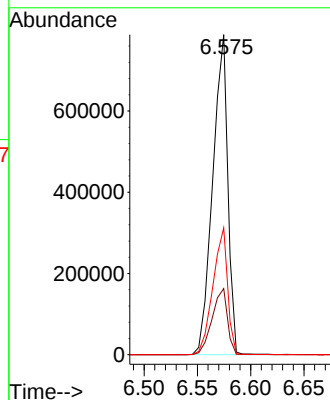
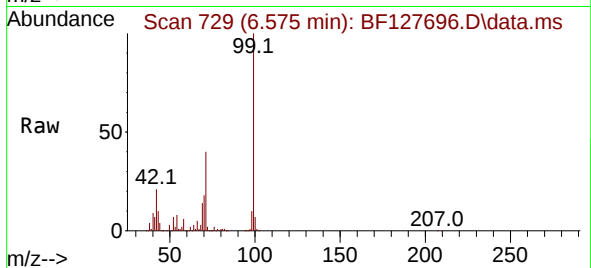




#7
Phenol-d6
Concen: 77.523 ng
RT: 6.575 min Scan# 719
Delta R.T. -0.006 min
Lab File: BF127696.D
Acq: 07 Apr 2022 21:27

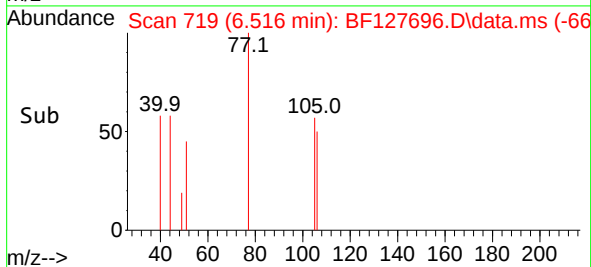
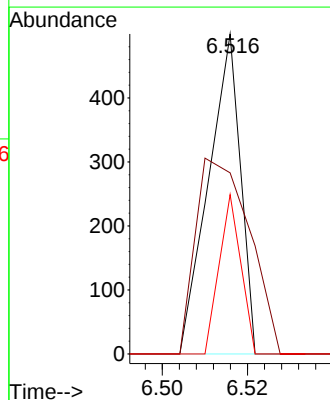
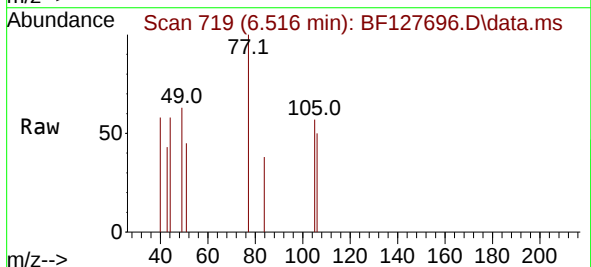
Instrument :
BNA_F
ClientSampleId :
A08015

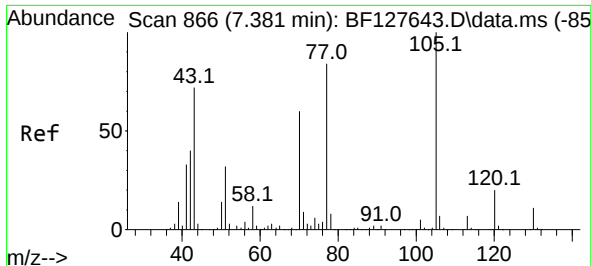
Tgt Ion: 99 Resp: 775378
Ion Ratio Lower Upper
99 100
42 20.7 17.8 26.6
71 39.7 29.6 44.4



#9
Benzaldehyde
Concen: Below Cal
RT: 6.516 min Scan# 719
Delta R.T. -0.006 min
Lab File: BF127696.D
Acq: 07 Apr 2022 21:27

Tgt Ion: 77 Resp: 259
Ion Ratio Lower Upper
77 100
105 56.6 66.8 106.8#
106 49.8 64.3 104.3#





#19

n-Nitroso-di-n-propylamine

Concen: 14.090 ng

RT: 7.522 min Scan# 81

Delta R.T. 0.141 min

Lab File: BF127696.D

Acq: 07 Apr 2022 21:27

Instrument :

BNA_F

ClientSampleId :

A08015

Tgt Ion: 70 Resp: 91151

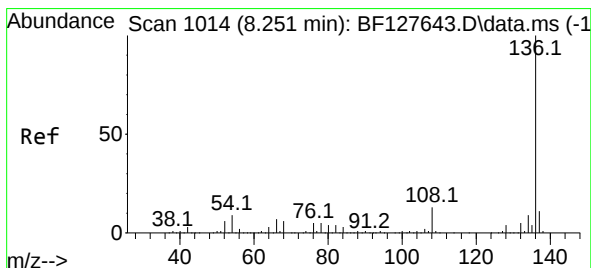
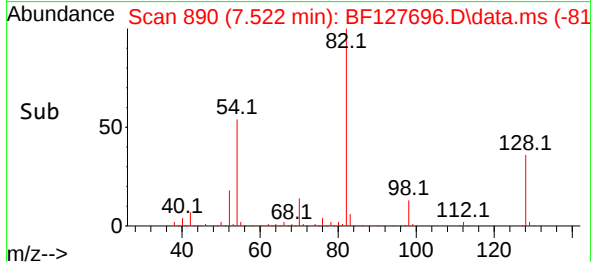
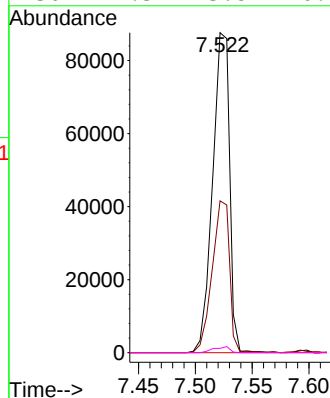
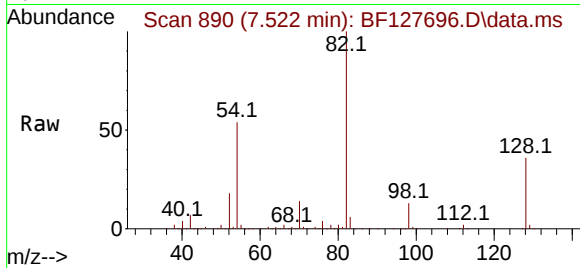
Ion Ratio Lower Upper

70 100

42 47.5 53.0 79.6#

101 0.0 6.8 10.2#

130 1.3 13.8 20.6#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.245 min Scan# 1013

Delta R.T. -0.006 min

Lab File: BF127696.D

Acq: 07 Apr 2022 21:27

Tgt Ion:136 Resp: 460148

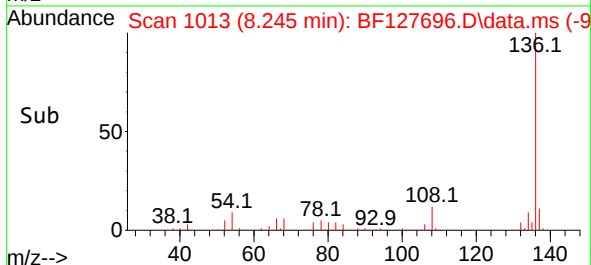
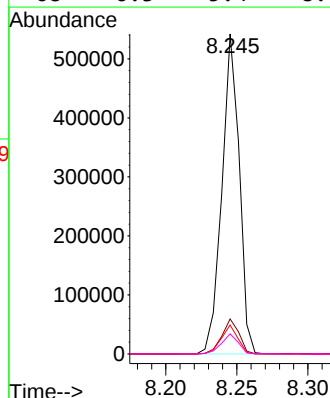
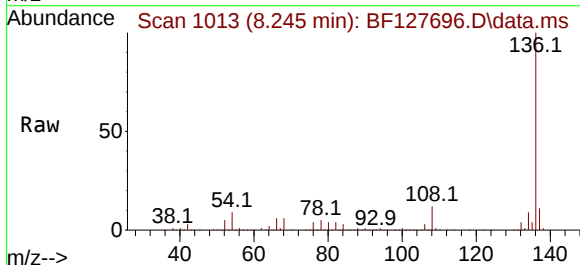
Ion Ratio Lower Upper

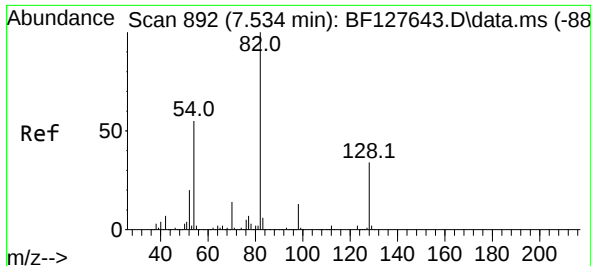
136 100

137 10.9 8.6 13.0

54 9.1 9.2 13.8#

68 6.3 5.4 8.0





#23

Nitrobenzene-d5

Concen: 65.374 ng

RT: 7.528 min Scan# 891

Delta R.T. -0.006 min

Lab File: BF127696.D

Acq: 07 Apr 2022 21:27

Instrument :

BNA_F

ClientSampleId :

A08015

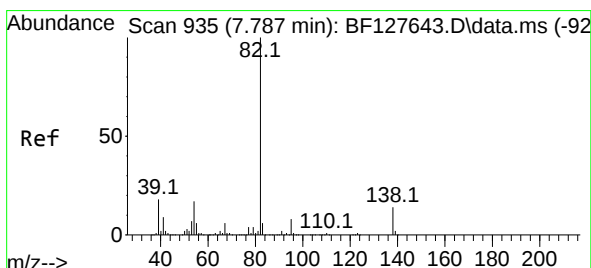
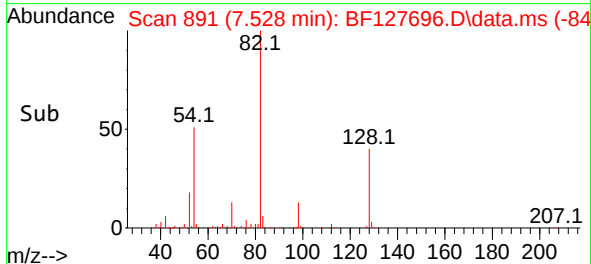
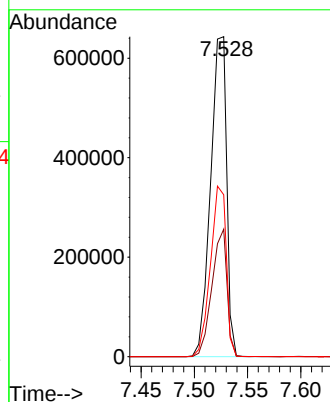
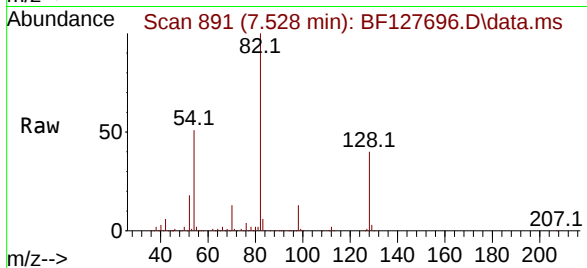
Tgt Ion: 82 Resp: 674757

Ion Ratio Lower Upper

82 100

128 39.8 30.6 45.8

54 50.6 48.2 72.2



#25

Isophorone

Concen: 37.465 ng

RT: 7.528 min Scan# 891

Delta R.T. -0.259 min

Lab File: BF127696.D

Acq: 07 Apr 2022 21:27

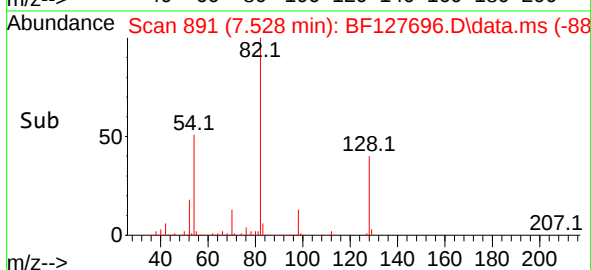
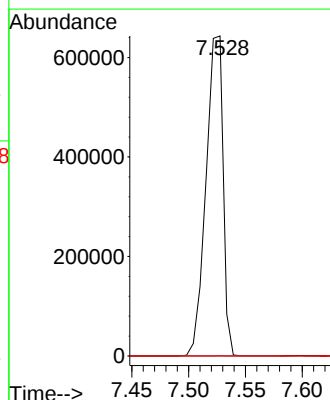
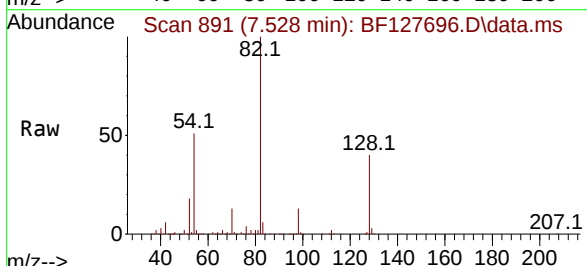
Tgt Ion: 82 Resp: 674749

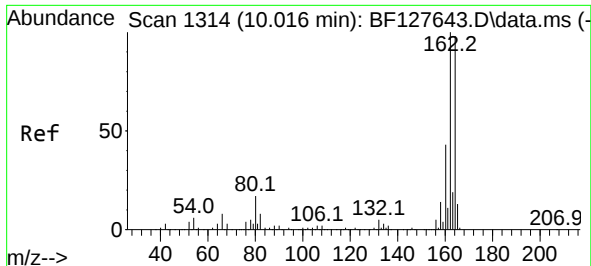
Ion Ratio Lower Upper

82 100

95 0.0 5.8 8.8#

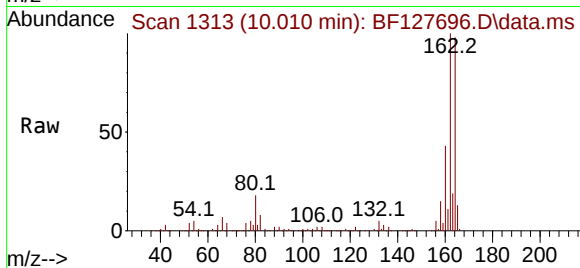
138 0.0 11.6 17.4#



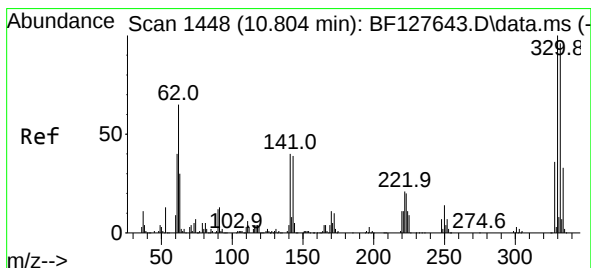
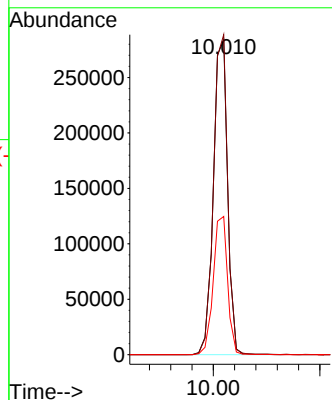
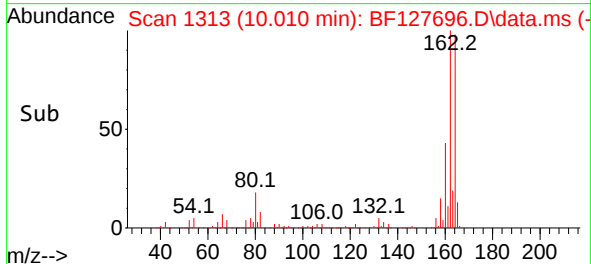


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.010 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF127696.D
Acq: 07 Apr 2022 21:27

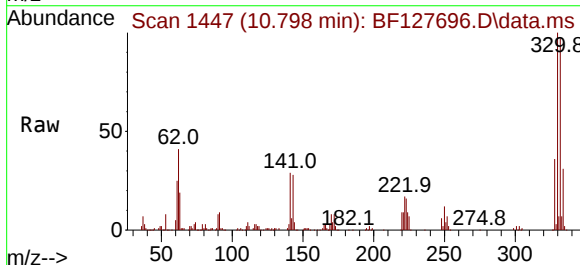
Instrument :
BNA_F
ClientSampleId :
A08015



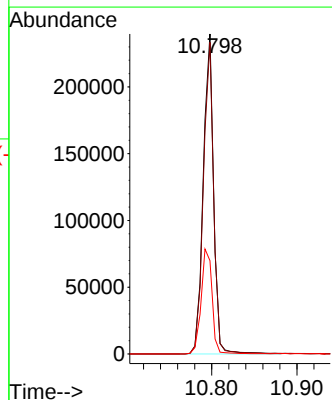
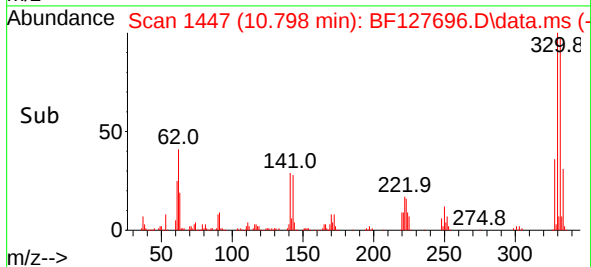
Tgt Ion:164 Resp: 264227
Ion Ratio Lower Upper
164 100
162 101.6 81.2 121.8
160 43.9 34.6 52.0

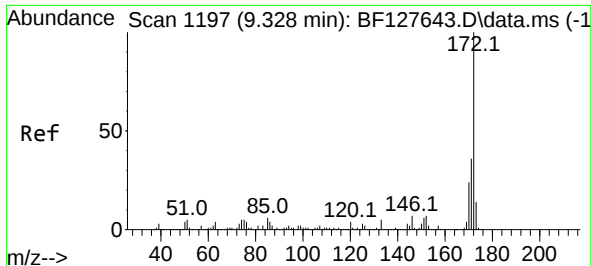


#42
2,4,6-Tribromophenol
Concen: 71.702 ng
RT: 10.798 min Scan# 1447
Delta R.T. -0.006 min
Lab File: BF127696.D
Acq: 07 Apr 2022 21:27



Tgt Ion:330 Resp: 201609
Ion Ratio Lower Upper
330 100
332 96.9 79.1 118.7
141 35.1 26.2 39.4

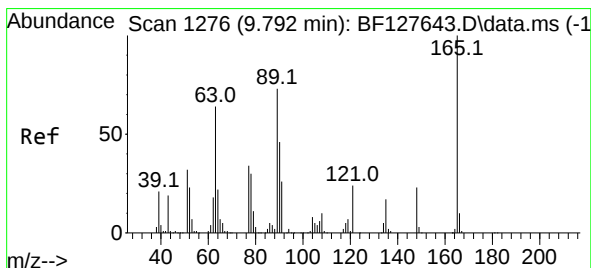
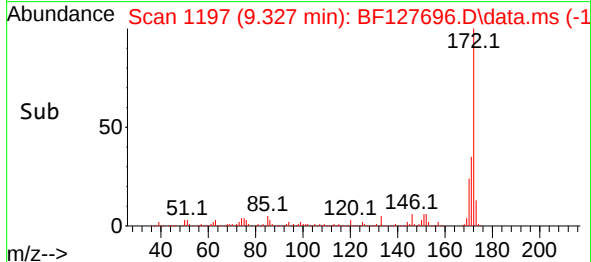
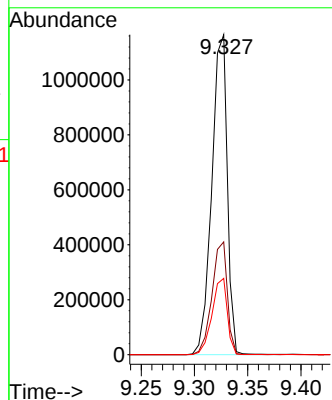
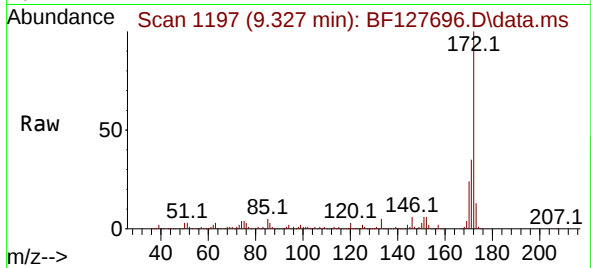




#45
2-Fluorobiphenyl
Concen: 63.118 ng
RT: 9.327 min Scan# 1197
Delta R.T. -0.000 min
Lab File: BF127696.D
Acq: 07 Apr 2022 21:27

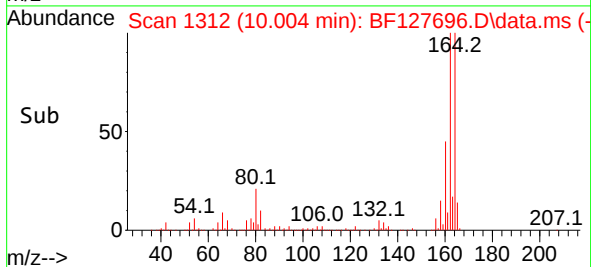
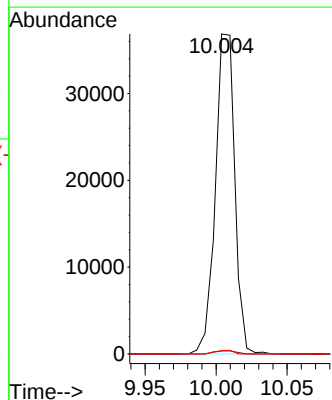
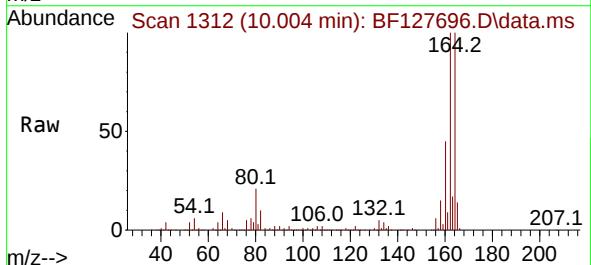
Instrument :
BNA_F
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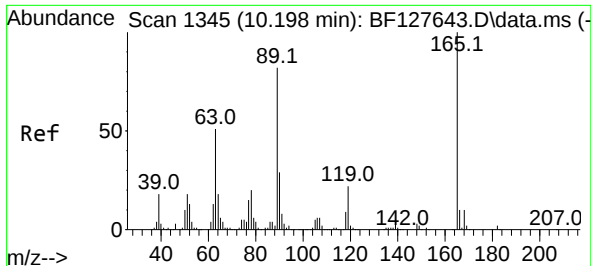
Tgt Ion:172 Resp: 1178901
Ion Ratio Lower Upper
172 100
171 35.3 28.4 42.6
170 23.8 18.6 27.8



#51
2,6-Dinitrotoluene
Concen: 9.698 ng
RT: 10.004 min Scan# 1312
Delta R.T. 0.212 min
Lab File: BF127696.D
Acq: 07 Apr 2022 21:27

Tgt Ion:165 Resp: 35013
Ion Ratio Lower Upper
165 100
63 0.9 58.3 87.5#
89 1.0 51.5 77.3#

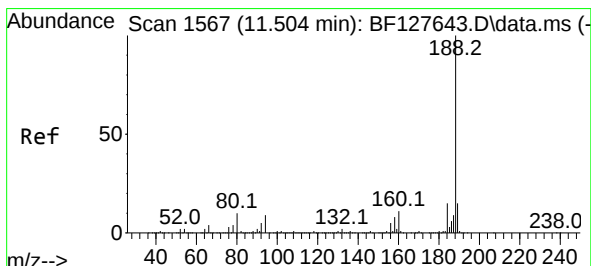
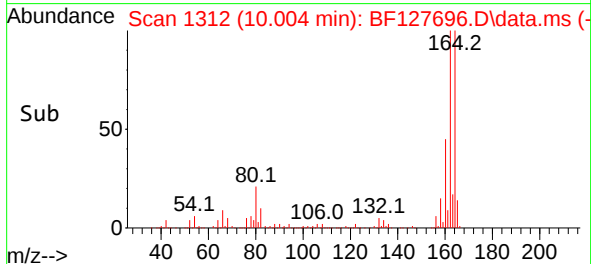
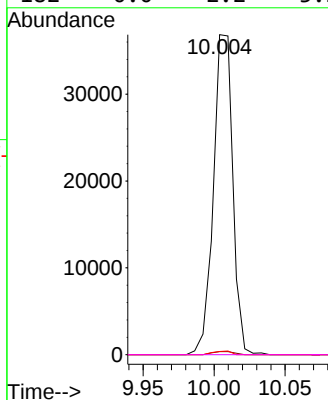
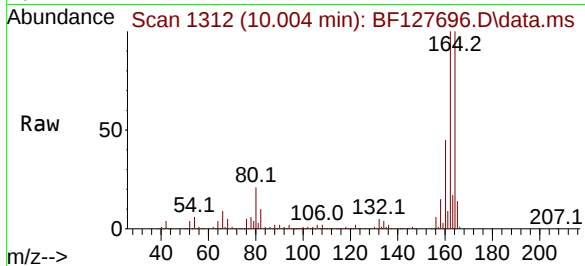




#57
2,4-Dinitrotoluene
Concen: 7.823 ng
RT: 10.004 min Scan# 11
Delta R.T. -0.194 min
Lab File: BF127696.D
Acq: 07 Apr 2022 21:27

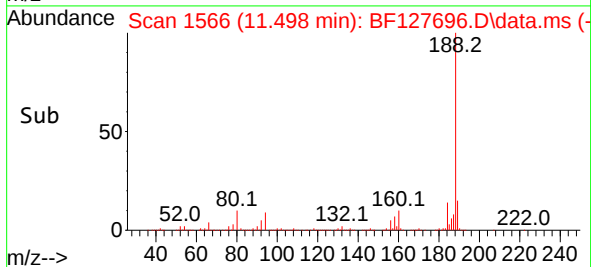
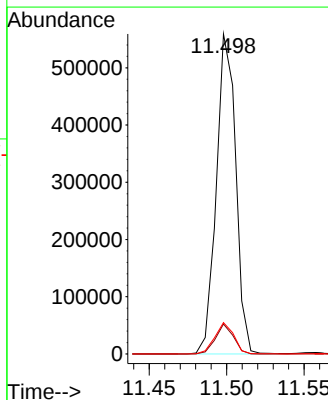
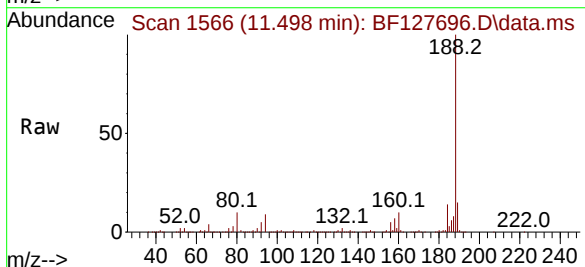
Instrument :
BNA_F
ClientSampleId :
A08015

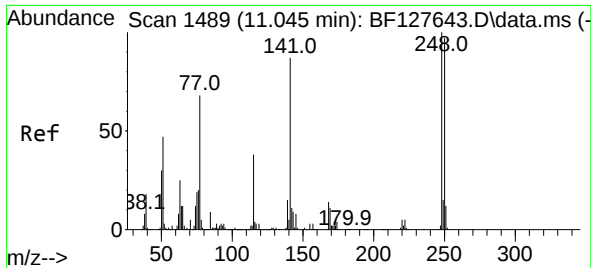
Tgt Ion:165 Resp: 35013
Ion Ratio Lower Upper
165 100
63 0.9 53.1 79.7#
89 1.0 69.2 103.8#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.498 min Scan# 1566
Delta R.T. -0.006 min
Lab File: BF127696.D
Acq: 07 Apr 2022 21:27

Tgt Ion:188 Resp: 487040
Ion Ratio Lower Upper
188 100
94 9.4 7.4 11.0
80 9.8 8.0 12.0

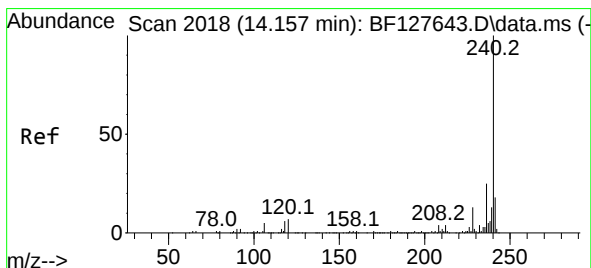
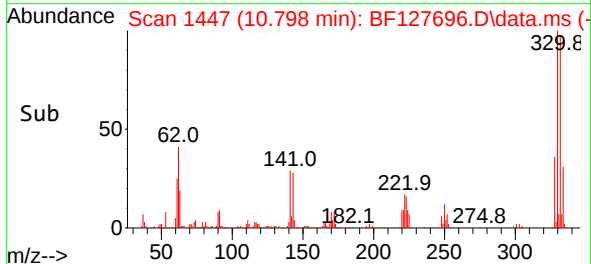
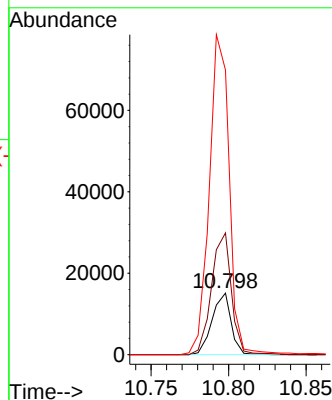
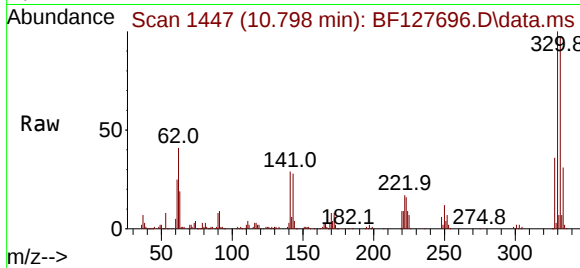




#67
4-Bromophenyl-phenylether
Concen: 2.194 ng
RT: 10.798 min Scan# 1489
Delta R.T. -0.247 min
Lab File: BF127696.D
Acq: 07 Apr 2022 21:27

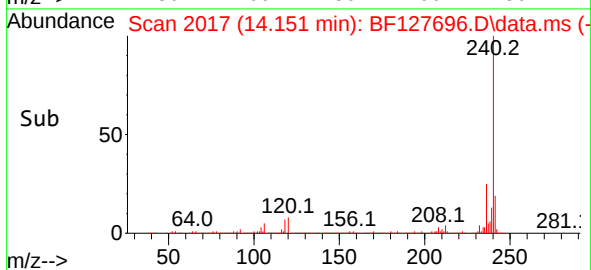
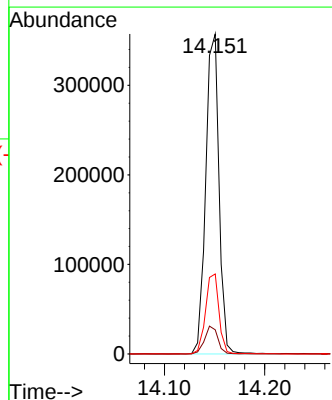
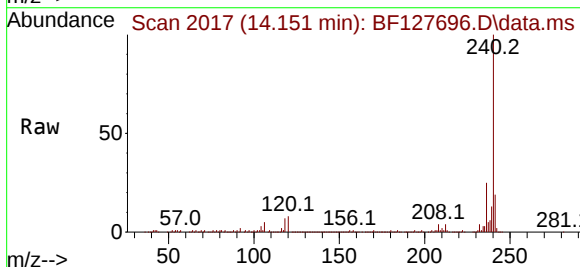
Instrument :
BNA_F
ClientSampleId :
A08015

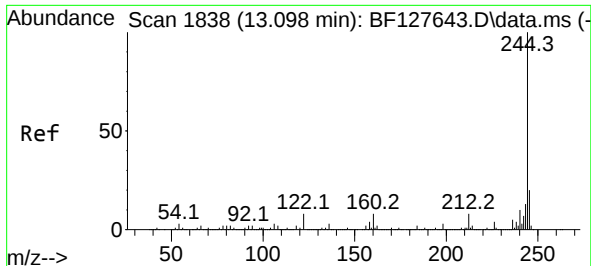
Tgt Ion:248 Resp: 12966
Ion Ratio Lower Upper
248 100
250 197.5 76.6 115.0#
141 461.7 52.2 78.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.151 min Scan# 2017
Delta R.T. -0.006 min
Lab File: BF127696.D
Acq: 07 Apr 2022 21:27

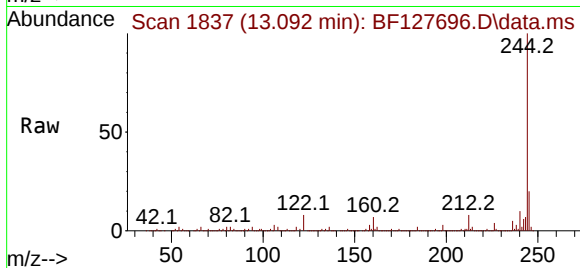
Tgt Ion:240 Resp: 331057
Ion Ratio Lower Upper
240 100
120 7.6 7.1 10.7
236 25.0 20.7 31.1



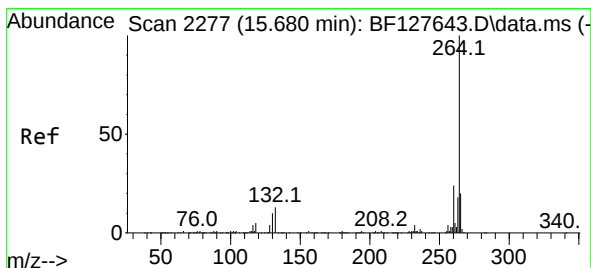
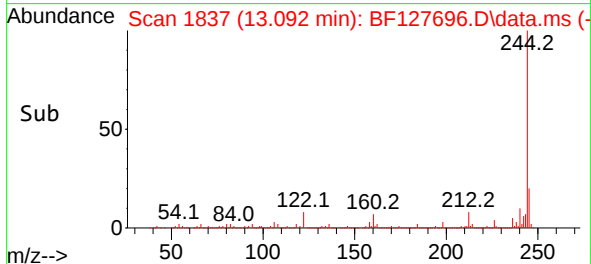
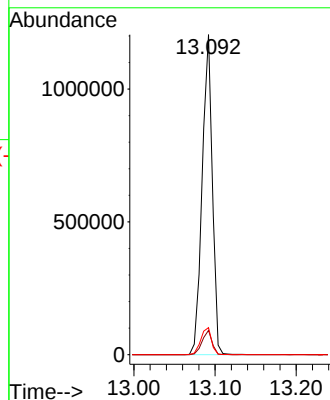


#79
 Terphenyl-d14
 Concen: 52.329 ng
 RT: 13.092 min Scan# 1837
 Delta R.T. -0.006 min
 Lab File: BF127696.D
 Acq: 07 Apr 2022 21:27

Instrument :
 BNA_F
 ClientSampleId :
 A08015



Tgt Ion:244 Resp: 1049547
 Ion Ratio Lower Upper
 244 100
 212 7.6 5.7 8.5
 122 8.5 6.2 9.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.674 min Scan# 2276
 Delta R.T. -0.006 min
 Lab File: BF127696.D
 Acq: 07 Apr 2022 21:27

Tgt Ion:264 Resp: 311733
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.1 28.7
 265 21.9 17.4 26.2

