

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081120\
 Data File : BF121245.D
 Acq On : 11 Aug 2020 17:49
 Operator : JU/CG
 Sample : L3607-02
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ES-TOTE-COMP

Quant Time: Aug 11 18:49:37 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071620.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 29 14:55:43 2020
 Response via : Initial Calibration

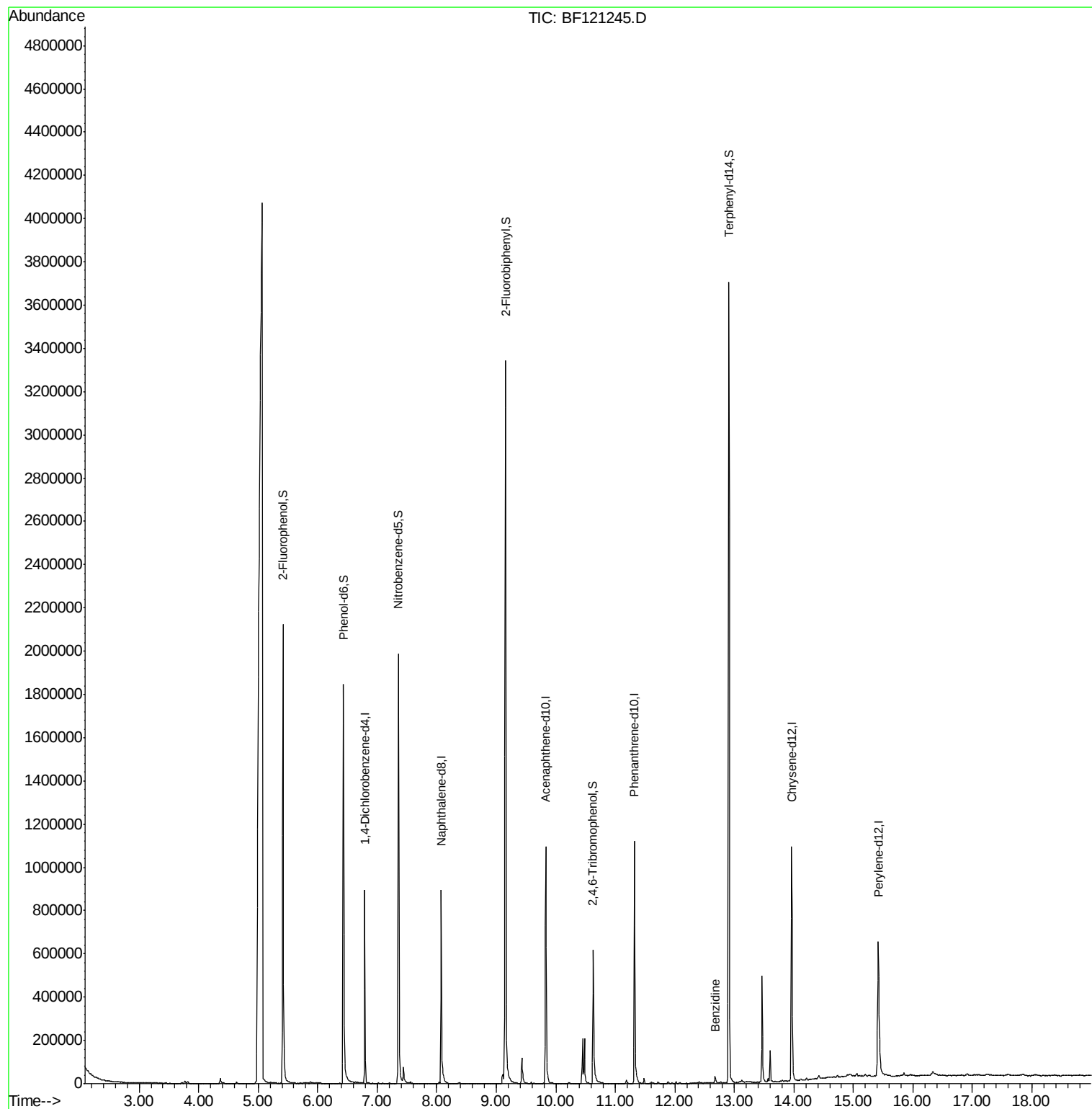
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	127330	20.00	ng	-0.01
21) Naphthalene-d8	8.07	136	493278	20.00	ng	-0.01
39) Acenaphthene-d10	9.83	164	259703	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	518433	20.00	ng	0.00
76) Chrysene-d12	13.96	240	454459	20.00	ng	0.00
86) Perylene-d12	15.42	264	425562	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	668482	86.07	ng	0.00
7) Phenol-d6	6.43	99	784793	78.22	ng	-0.01
23) Nitrobenzene-d5	7.36	82	701165	82.25	ng	-0.02
42) 2,4,6-Tribromophenol	10.63	330	113986	40.10	ng	0.00
45) 2-Fluorobiphenyl	9.16	172	1318323	75.79	ng	0.00
79) Terphenyl-d14	12.91	244	1450825	69.40	ng	0.00
Target Compounds						
77) Benzidine	12.67	184	25972	2.174	ng	Qvalue 97

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

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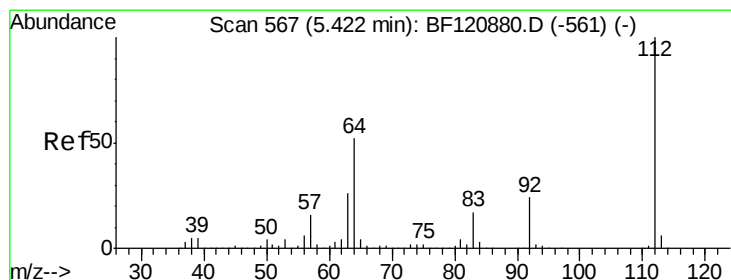
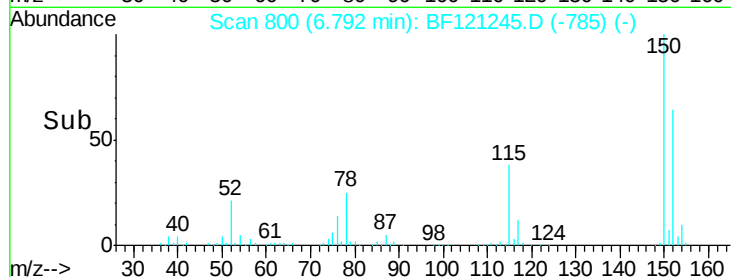
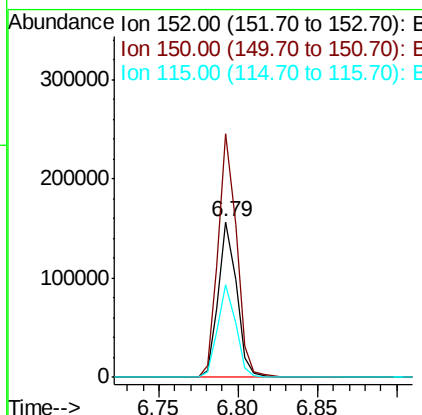
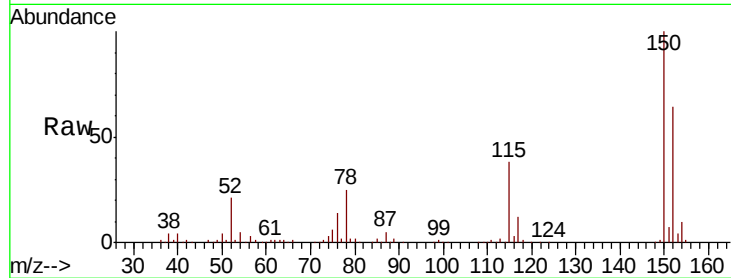




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.79 min Scan# 800
 Delta R.T. -0.01 min
 Lab File: BF121245.D
 Acq: 11 Aug 2020 17:49

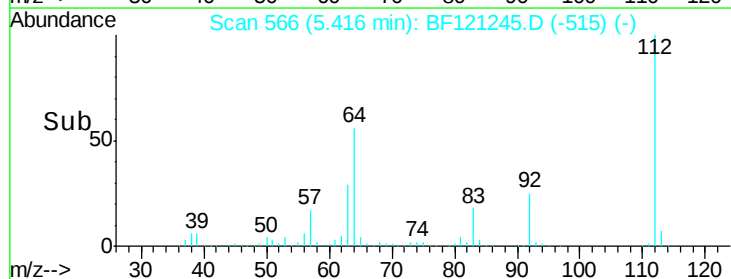
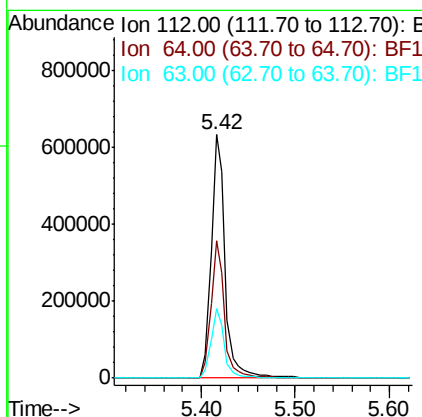
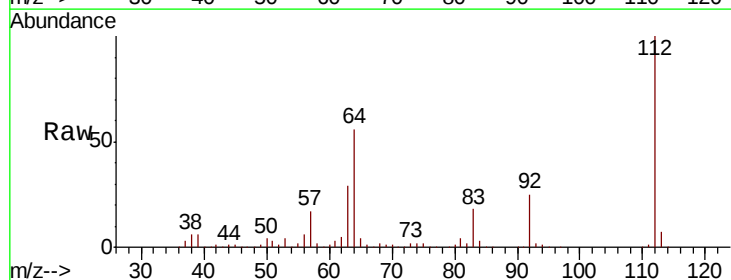
Instrument :
 BNA_F
 ClientSampleId :
 ES-TOTE-COMP

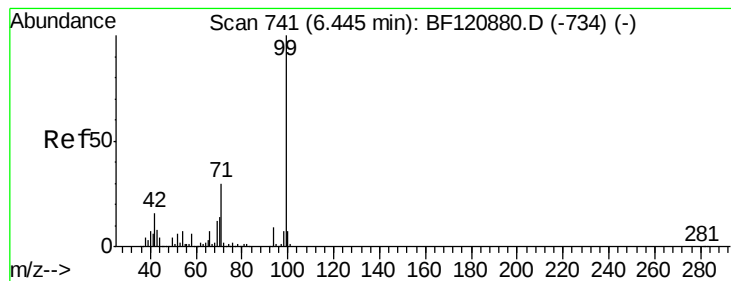
Tot Ion:152 Resp: 127330
 Ion Ratio Lower Upper
 152 100
 150 156.2 125.6 188.4
 115 59.1 46.2 69.2



#5
 2-Fluorophenol
 Concen: 86.066 ng
 RT: 5.42 min Scan# 566
 Delta R.T. -0.00 min
 Lab File: BF121245.D
 Acq: 11 Aug 2020 17:49

Tgt Ion:112 Resp: 668482
 Ion Ratio Lower Upper
 112 100
 64 56.2 43.9 65.9
 63 28.7 22.7 34.1





#7

Phenol-d6

Concen: 78.221 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF121245.D

Acq: 11 Aug 2020 17:49

Instrument :

BNA_F

ClientSampleId :

ES-TOTE-COMP

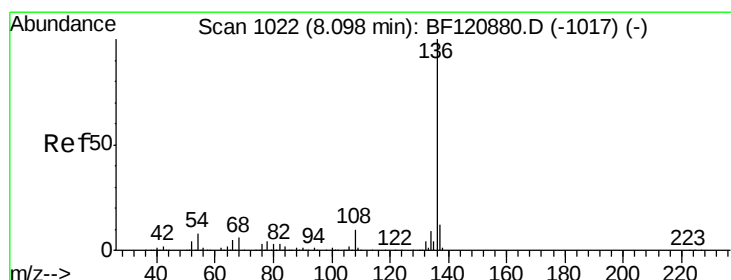
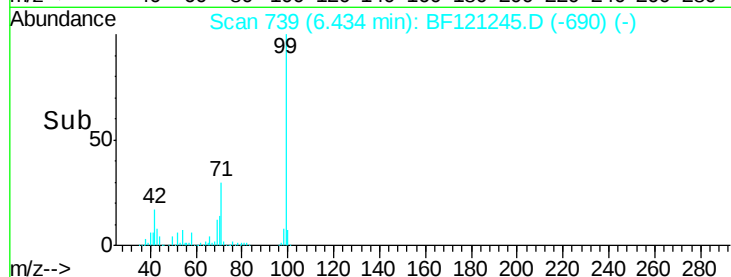
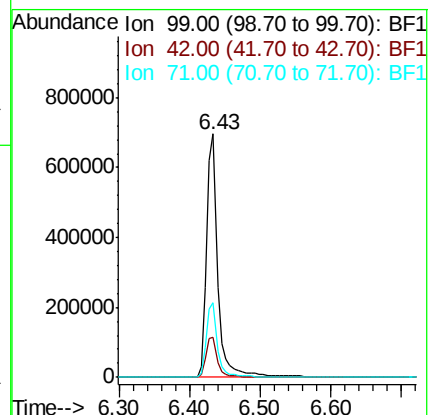
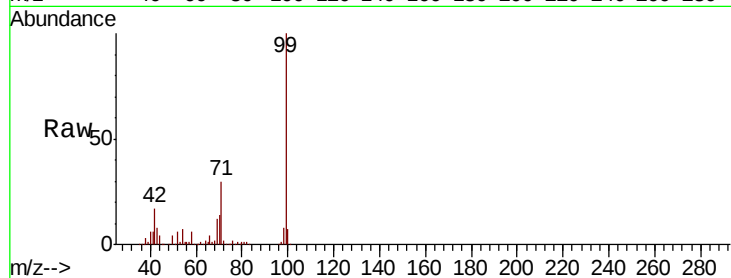
Tot Ion: 99 Resp: 784793

Ion Ratio Lower Upper

99 100

42 16.6 13.5 20.3

71 30.5 25.0 37.4



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.07 min Scan# 1018

Delta R.T. -0.01 min

Lab File: BF121245.D

Acq: 11 Aug 2020 17:49

Tgt Ion: 136 Resp: 493278

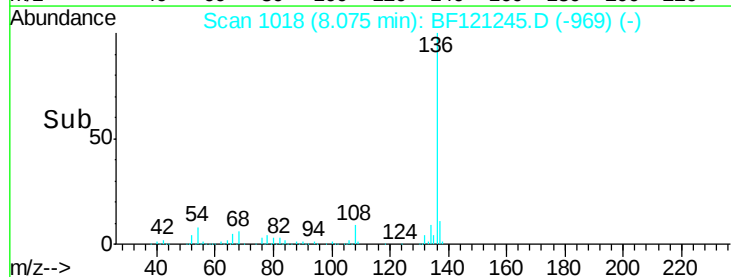
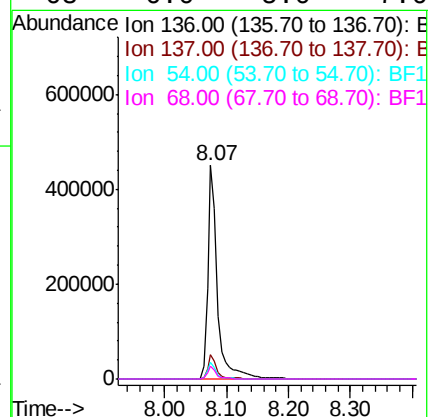
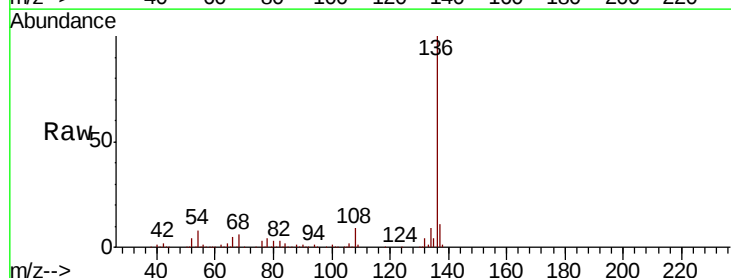
Ion Ratio Lower Upper

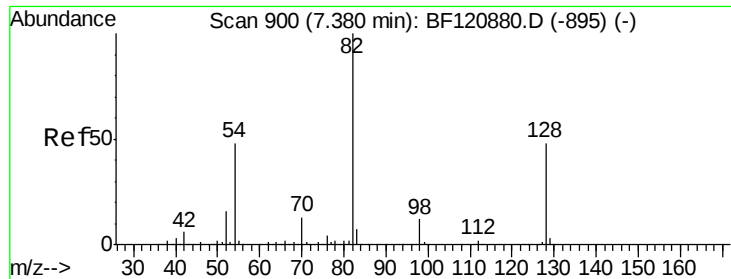
136 100

137 11.3 9.0 13.4

54 7.8 6.1 9.1

68 6.0 5.0 7.6

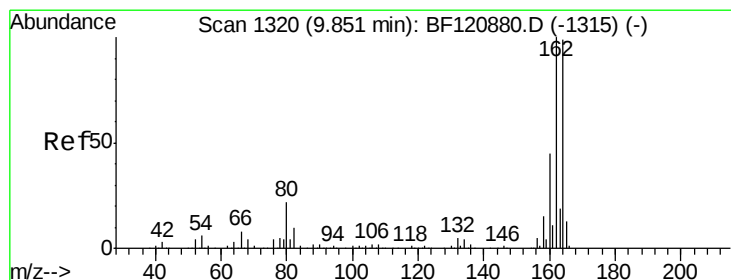
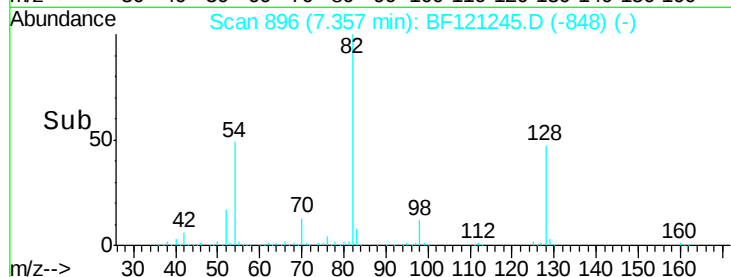
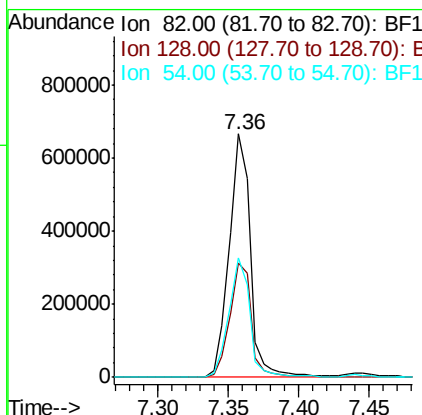
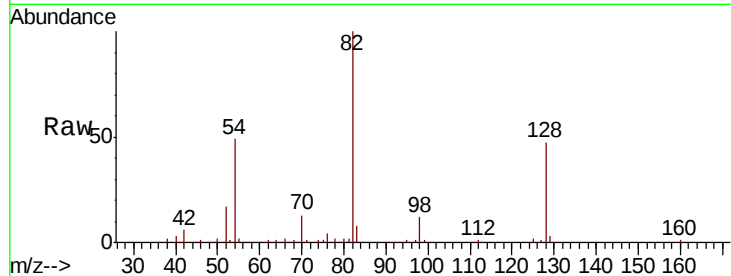




#23
 Nitrobenzene-d5
 Concen: 82.249 ng
 RT: 7.36 min Scan# 896
 Delta R.T. -0.02 min
 Lab File: BF121245.D
 Acq: 11 Aug 2020 17:49

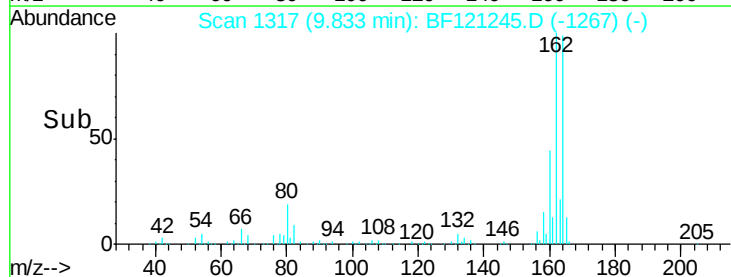
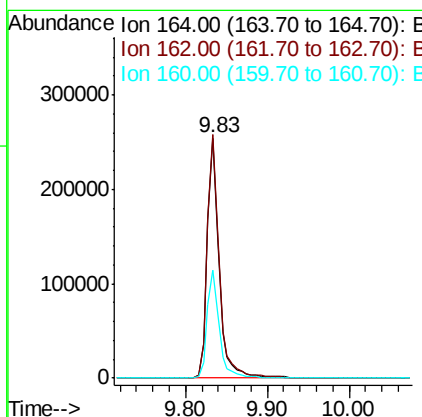
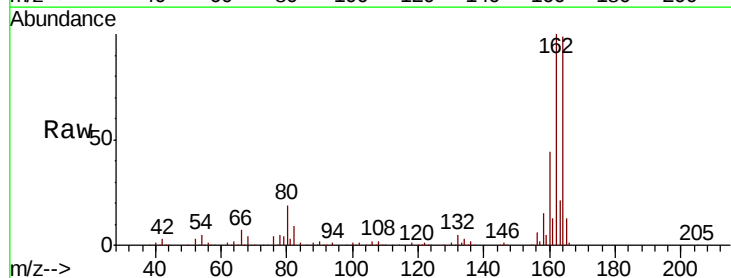
Instrument :
 BNA_F
 ClientSampleId :
 ES-TOTE-COMP

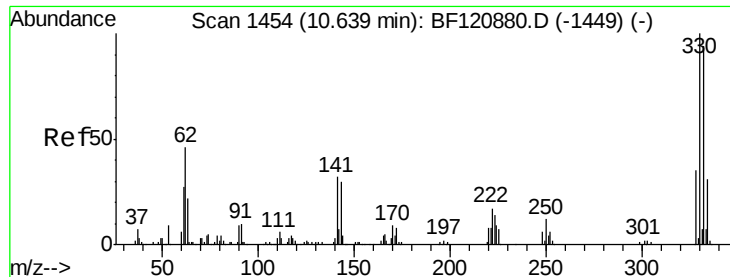
Tot Ion	82	Resp	701165
Ion Ratio	100		
Lower	39.2		
Upper	58.8		
128	47.0		
54	49.2		
	37.8		
	56.8		



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.83 min Scan# 1317
 Delta R.T. -0.01 min
 Lab File: BF121245.D
 Acq: 11 Aug 2020 17:49

Tgt Ion	164	Resp	259703
Ion Ratio	100		
Lower	82.2		
Upper	123.2		
162	101.3		
160	45.0		
	37.2		
	55.8		

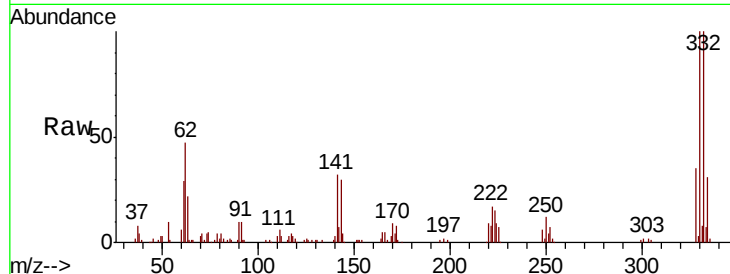




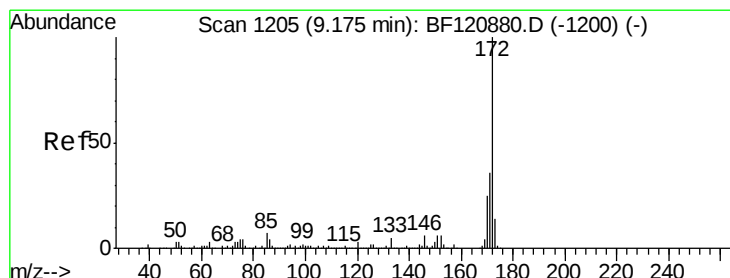
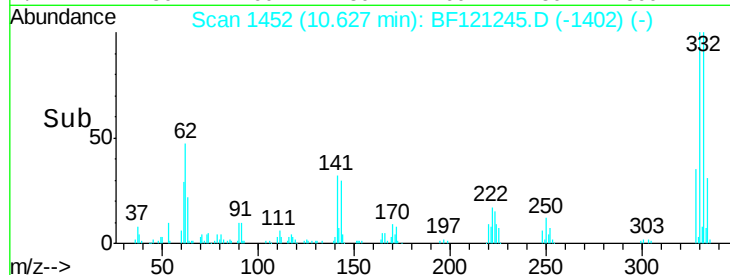
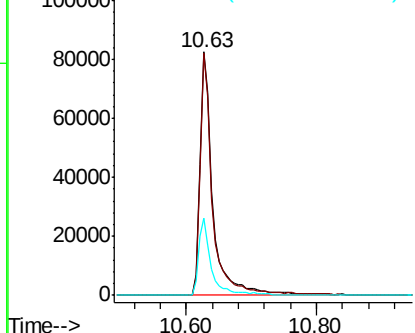
#42
 2,4,6-Tribromophenol
 Concen: 40.098 ng
 RT: 10.63 min Scan# 1452
 Delta R.T. -0.01 min
 Lab File: BF121245.D
 Acq: 11 Aug 2020 17:49

Instrument :
 BNA_F
 ClientSampleId :
 ES-TOTE-COMP

Tot Ion:330 Resp: 113986
 Ion Ratio Lower Upper
 330 100
 332 95.5 76.1 114.1
 141 31.0 24.1 36.1

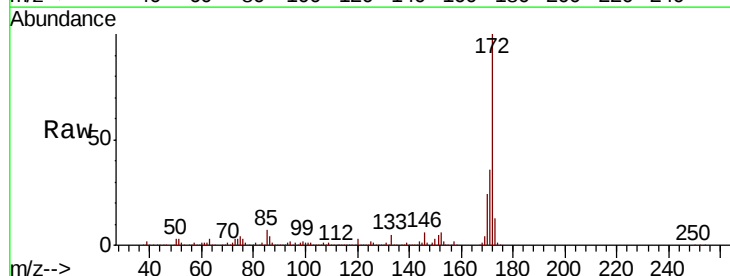


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

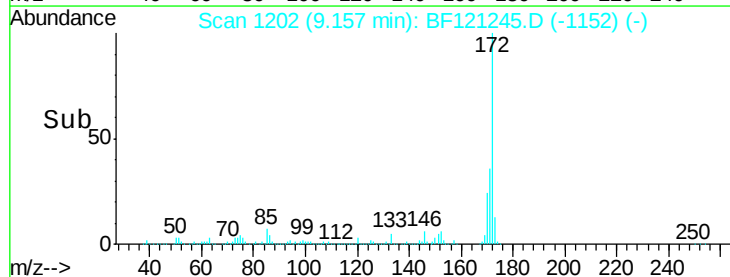
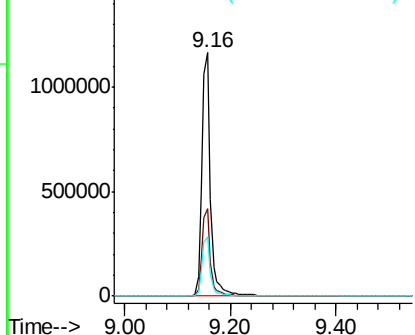


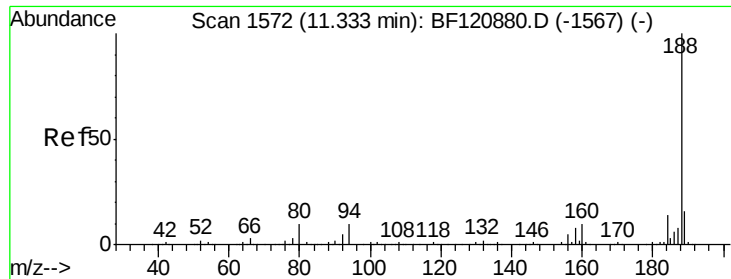
#45
 2-Fluorobiphenyl
 Concen: 75.791 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. -0.01 min
 Lab File: BF121245.D
 Acq: 11 Aug 2020 17:49

Tgt Ion:172 Resp: 1318323
 Ion Ratio Lower Upper
 172 100
 171 36.0 29.0 43.4
 170 24.4 19.6 29.4



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

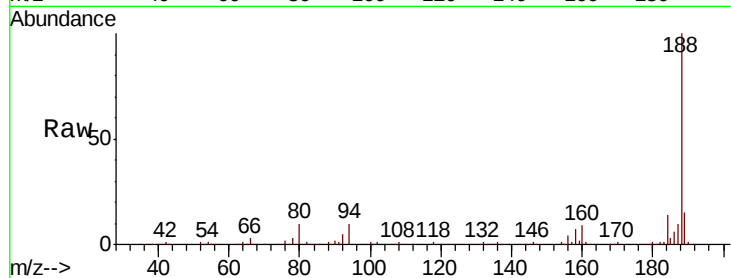




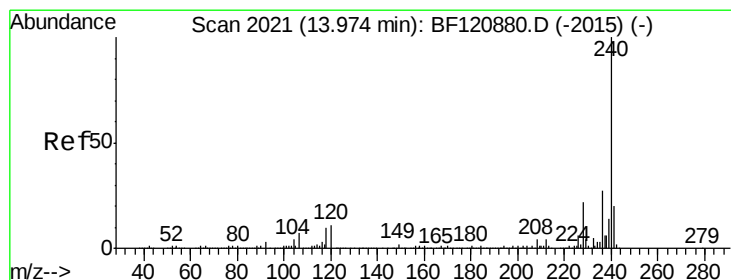
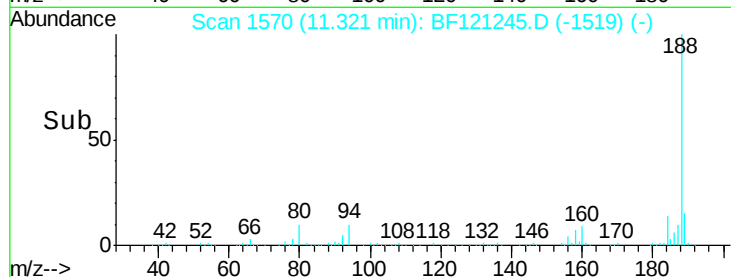
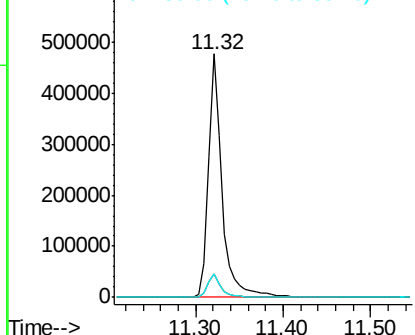
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1570
Delta R.T. -0.00 min
Lab File: BF121245.D
Acq: 11 Aug 2020 17:49

Instrument :
BNA_F
ClientSampleId :
ES-TOTE-COMP

Tot Ion:188 Resp: 518433
Ion Ratio Lower Upper
188 100
94 9.7 8.0 12.0
80 9.7 8.3 12.5

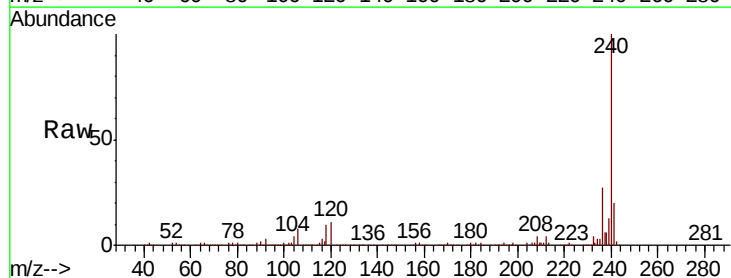


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

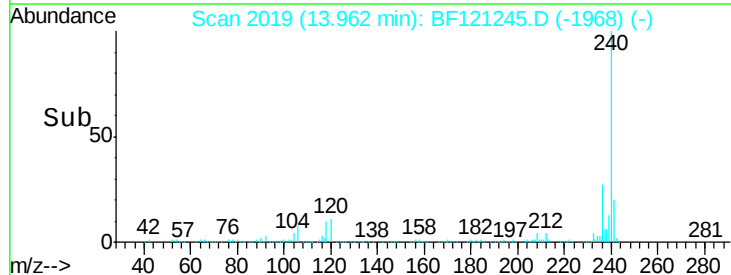
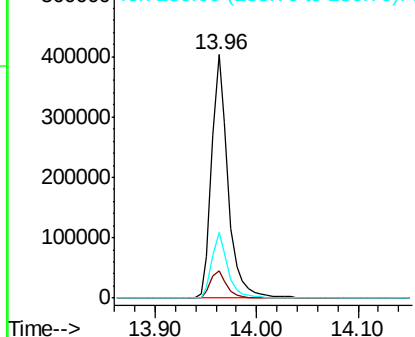


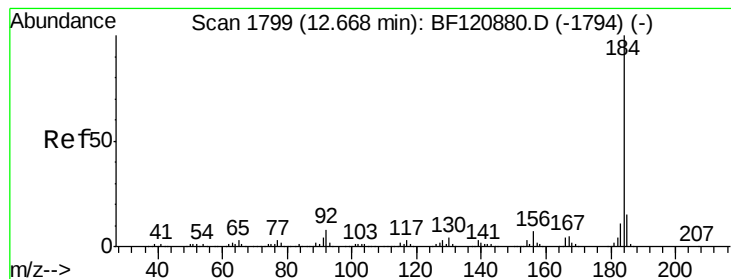
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.96 min Scan# 2019
Delta R.T. -0.00 min
Lab File: BF121245.D
Acq: 11 Aug 2020 17:49

Tgt Ion:240 Resp: 454459
Ion Ratio Lower Upper
240 100
120 11.4 9.3 13.9
236 26.8 21.1 31.7



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 2.174 ng

RT: 12.67 min Scan# 1800

Delta R.T. 0.02 min

Lab File: BF121245.D

Acq: 11 Aug 2020 17:49

Instrument :

BNA_F

ClientSampleId :

ES-TOTE-COMP

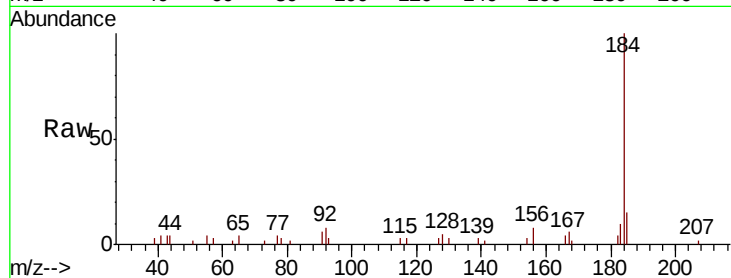
Tot Ion:184 Resp: 25972

Ion Ratio Lower Upper

184 100

185 14.6 12.1 18.1

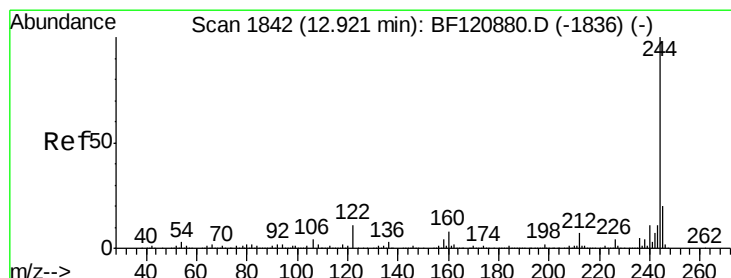
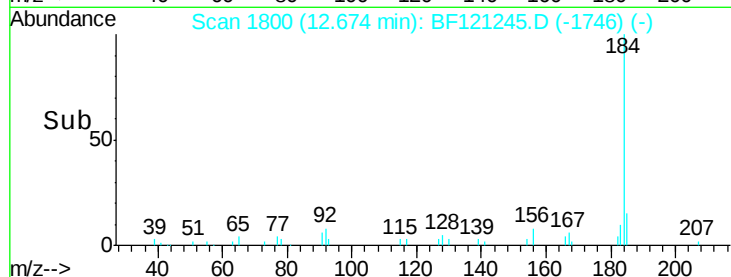
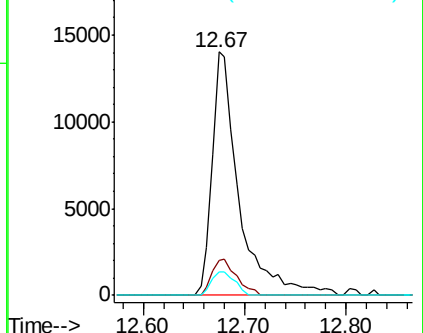
183 9.6 9.0 13.4



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#79

Terphenyl-d14

Concen: 69.396 ng

RT: 12.91 min Scan# 1840

Delta R.T. -0.00 min

Lab File: BF121245.D

Acq: 11 Aug 2020 17:49

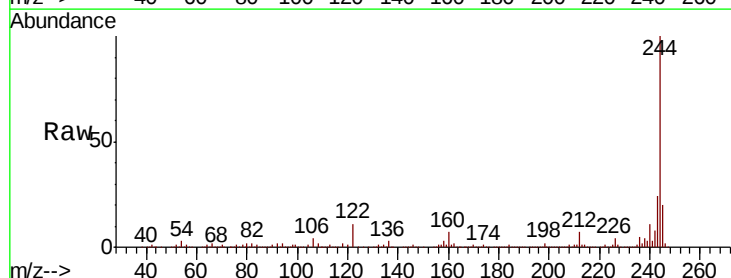
Tgt Ion:244 Resp: 1450825

Ion Ratio Lower Upper

244 100

212 7.1 5.7 8.5

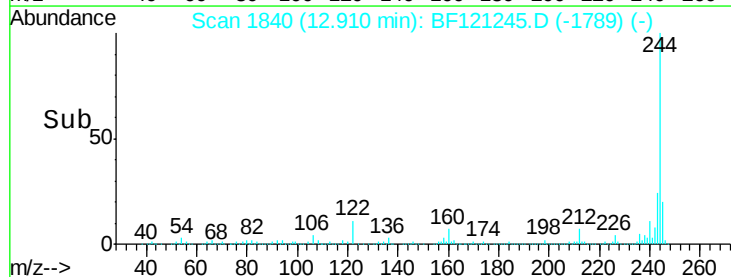
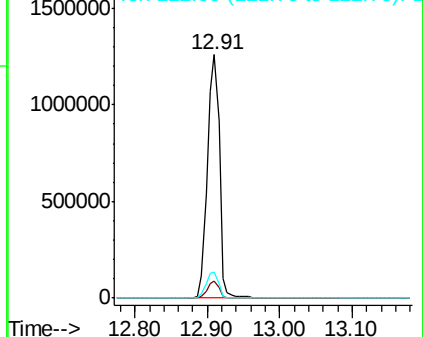
122 10.6 8.3 12.5

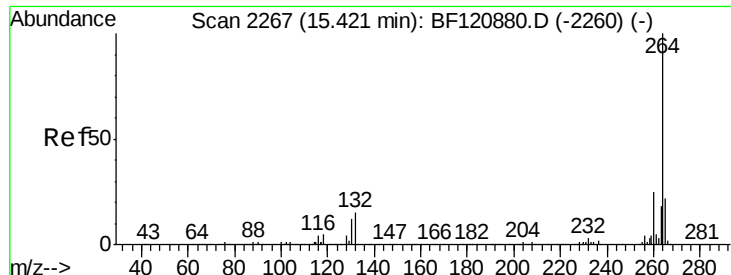


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

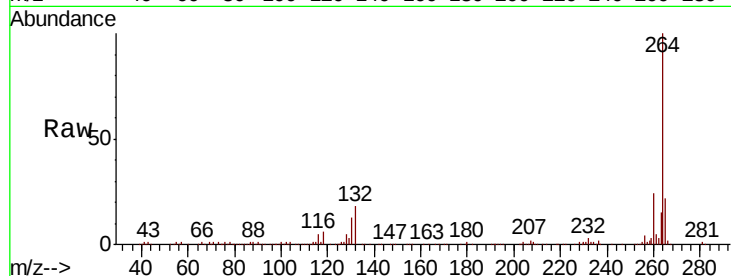




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.42 min Scan# 2266
Delta R.T. 0.01 min
Lab File: BF121245.D
Acq: 11 Aug 2020 17:49

Instrument :
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Tot Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.9	29.9
265	21.8	17.8	26.8



Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

