

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052617\
 Data File : BF095483.D
 Acq On : 27 May 2017 4:26
 Operator : SJ/MA
 Sample : I3340-07
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

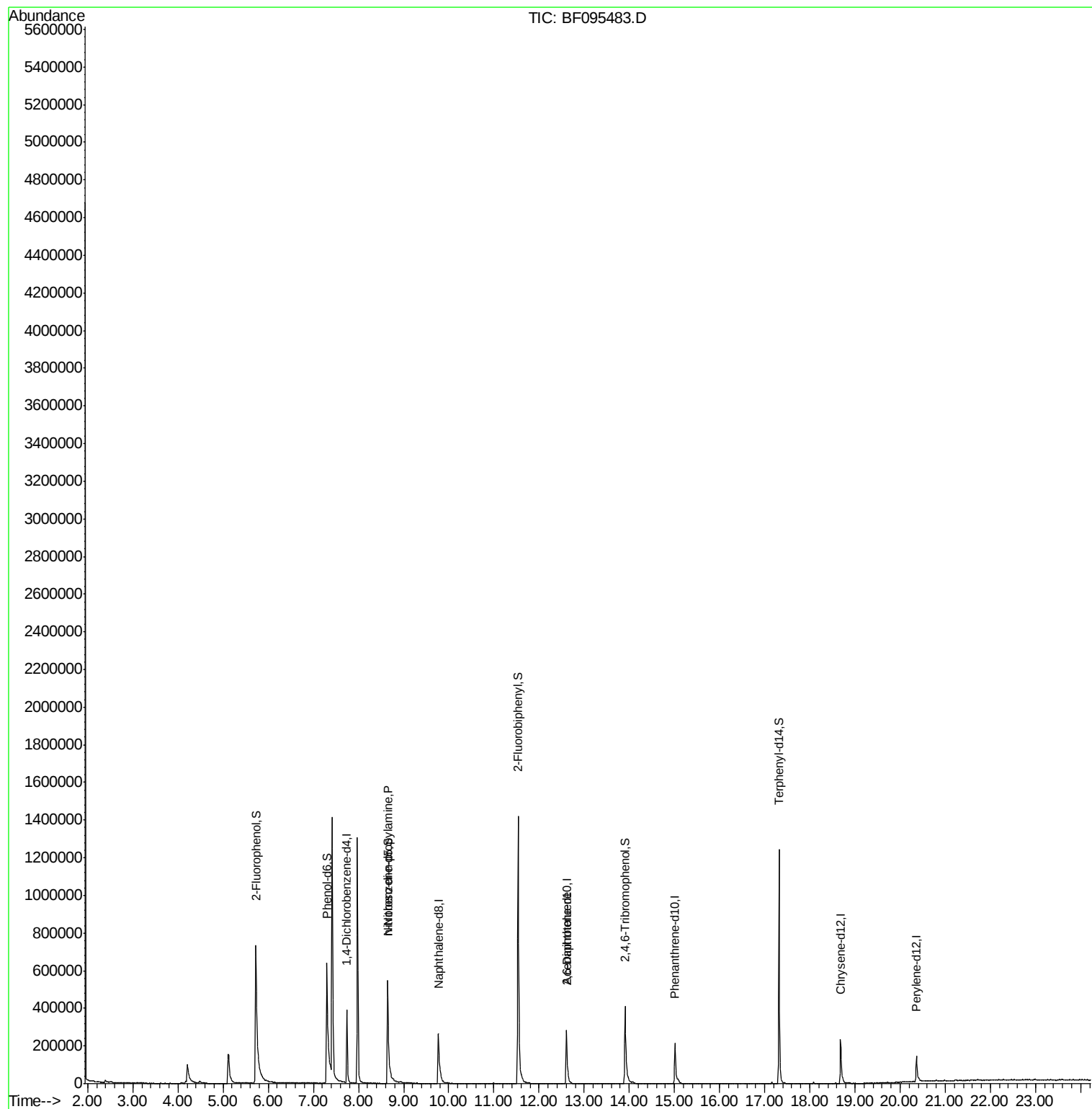
Quant Time: May 27 05:20:06 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 26 16:50:16 2017
 Response via : Initial Calibration

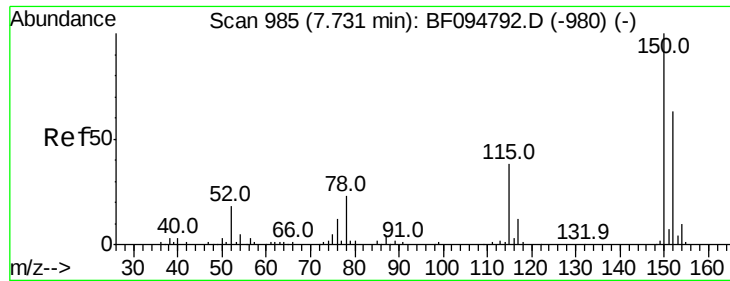
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	90033	20.00	ng	0.00
21) Naphthalene-d8	9.77	136	352753	20.00	ng	0.01
38) Acenaphthene-d10	12.61	164	139100	20.00	ng	0.01
63) Phenanthrene-d10	15.01	188	196702	20.00	ng	0.01
75) Chrysene-d12	18.68	240	158878	20.00	ng	0.00
86) Perylene-d12	20.37	264	98458	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.72	112	662257	122.64	ng	0.02
7) Phenol-d6	7.30	99	716763	110.62	ng	0.00
23) Nitrobenzene-d5	8.65	82	407735	72.89	ng	0.00
41) 2,4,6-Tribromophenol	13.91	330	117952	103.54	ng	0.00
44) 2-Fluorobiphenyl	11.54	172	978840	101.29	ng	0.00
78) Terphenyl-d14	17.32	244	555937	77.07	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	8.65	70	50517	11.53	ng	# 73
50) 2,6-Dinitrotoluene	12.61	165	13864	5.95	ng	# 31

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

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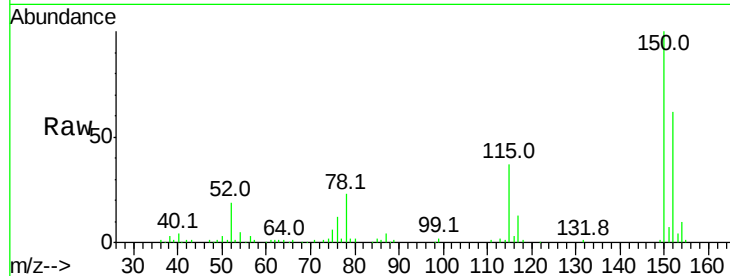




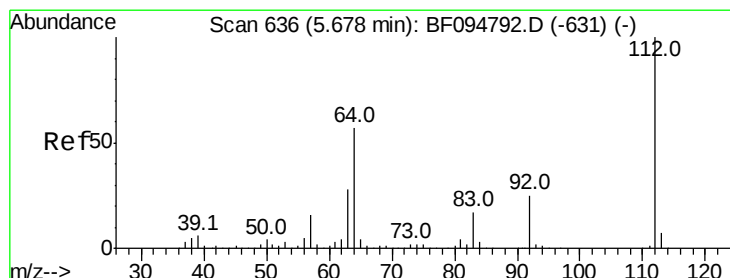
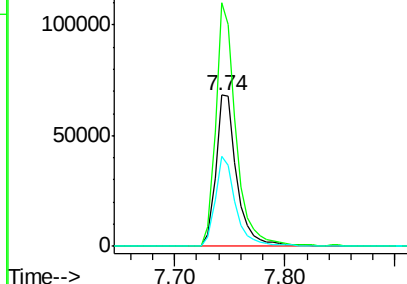
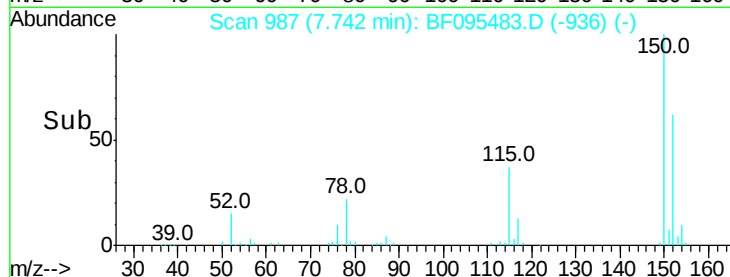
#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.74 min Scan# 987
Delta R.T. 0.00 min
Lab File: BF095483.D
Acq: 27 May 2017 4:26

Tot Ion	Ratio	Lower	Upper
152	100		
150	161.2	126.2	189.2
115	59.8	52.2	78.2



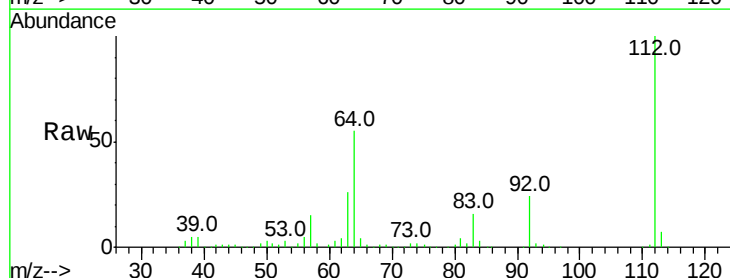
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



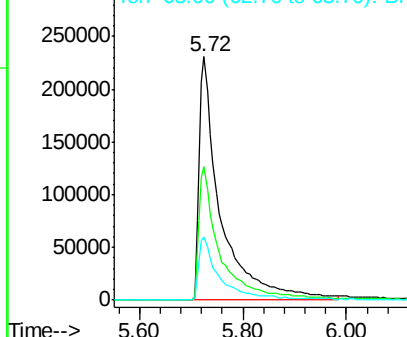
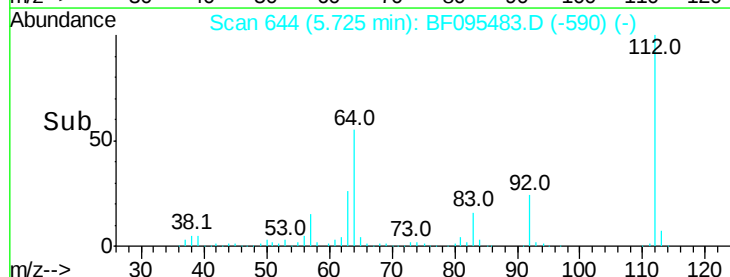
#5

2-Fluorophenol
Concen: 122.64 ng
RT: 5.72 min Scan# 644
Delta R.T. 0.02 min
Lab File: BF095483.D
Acq: 27 May 2017 4:26

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.6	46.0	69.0
63	26.1	23.4	35.0



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF0
Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 110.62 ng

RT: 7.30 min Scan# 911

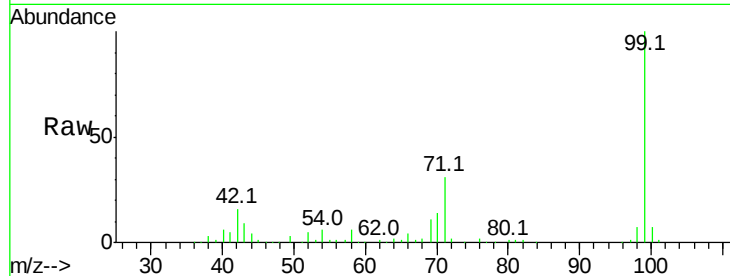
Delta R.T. 0.00 min

Lab File: BF095483.D

Acq: 27 May 2017 4:26

Tot Ion: 99 Resp: 716763

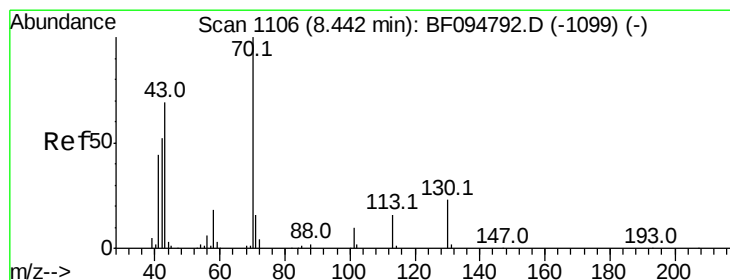
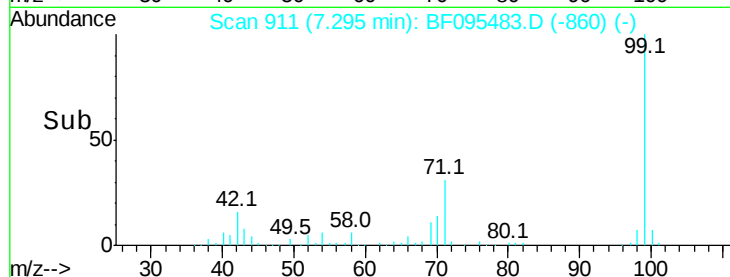
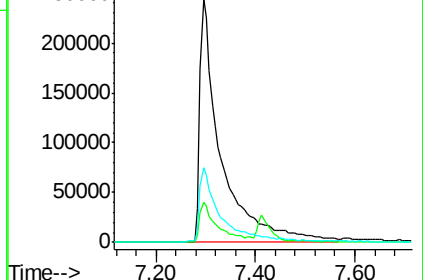
Ion	Ratio	Lower	Upper
99	100		
42	16.3	13.5	20.3
71	30.6	24.5	36.7



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#19

n-Nitroso-di-n-propylamine

Concen: 11.53 ng

RT: 8.65 min Scan# 1141

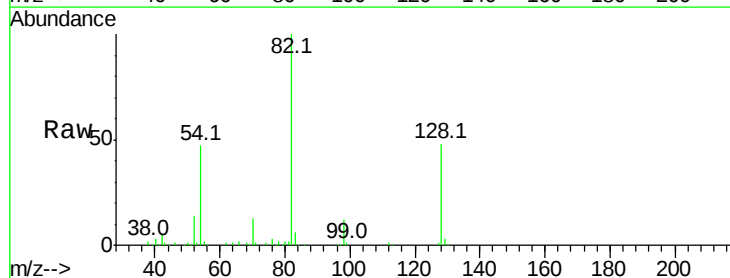
Delta R.T. 0.19 min

Lab File: BF095483.D

Acq: 27 May 2017 4:26

Tgt Ion: 70 Resp: 50517

Ion	Ratio	Lower	Upper
70	100		
42	41.4	47.2	70.8#
101	0.0	7.2	10.8#
130	2.2	15.9	23.9#

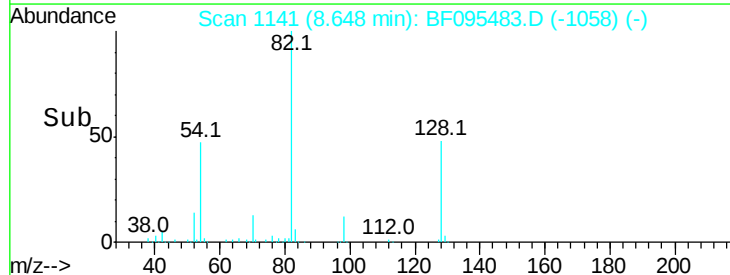
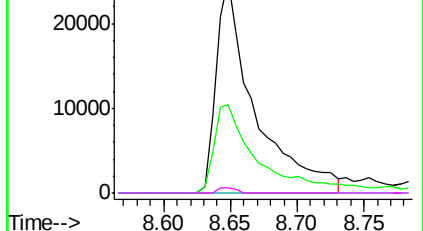


Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

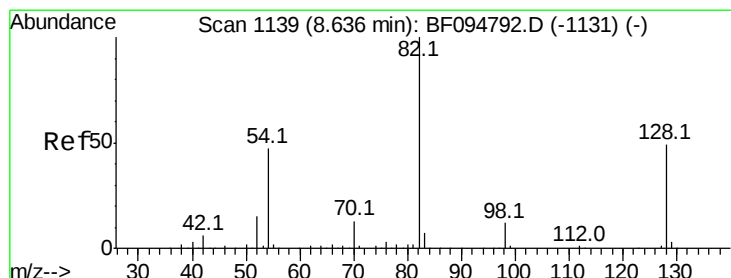
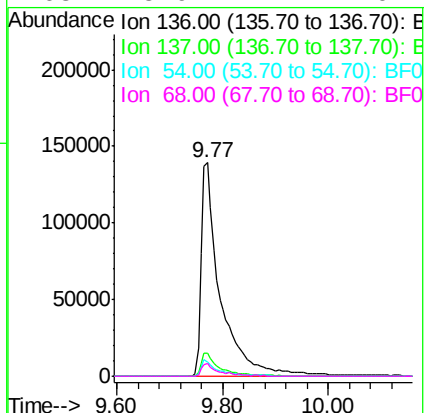
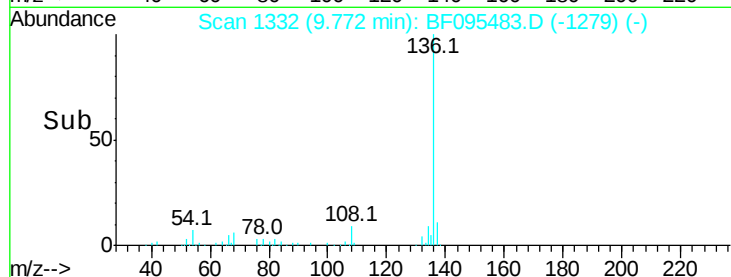
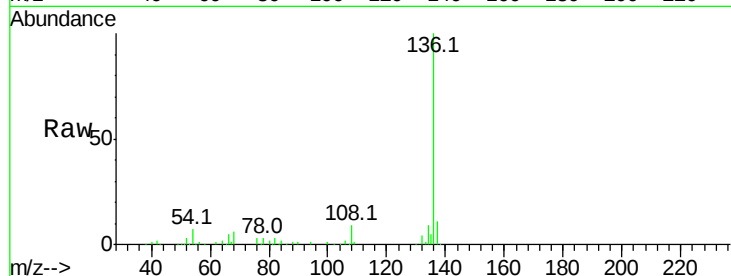
Ion 130.00 (129.70 to 130.70): BF0





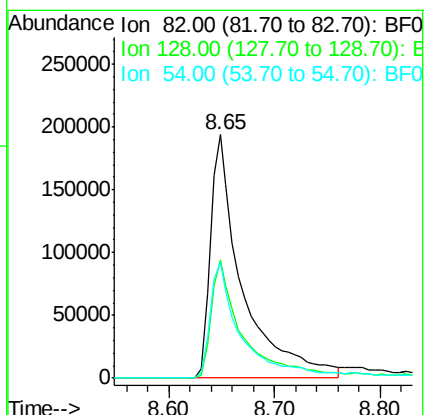
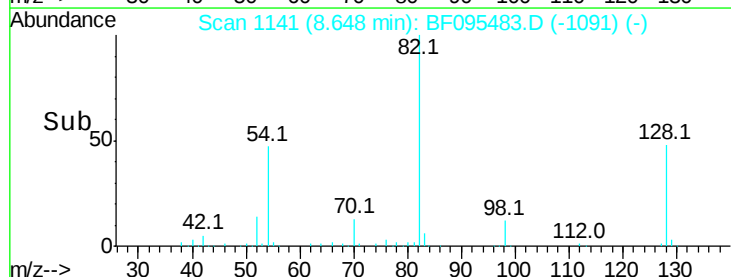
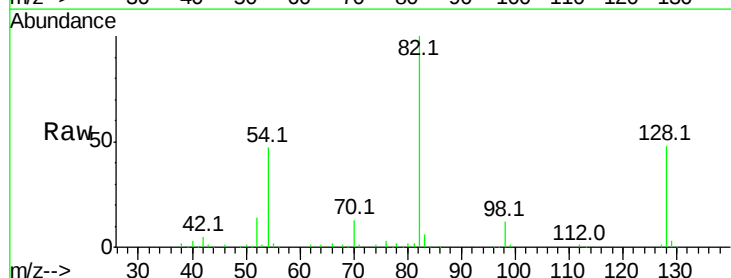
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.77 min Scan# 1332
Delta R.T. 0.01 min
Lab File: BF095483.D
Acq: 27 May 2017 4:26

Tot Ion:136	Resp:	352753
Ion Ratio	Lower	Upper
136	100	
137	10.8	8.5 12.7
54	6.9	4.9 7.3
68	5.9	4.1 6.1



#23
Nitrobenzene-d5
Concen: 72.89 ng
RT: 8.65 min Scan# 1141
Delta R.T. -0.01 min
Lab File: BF095483.D
Acq: 27 May 2017 4:26

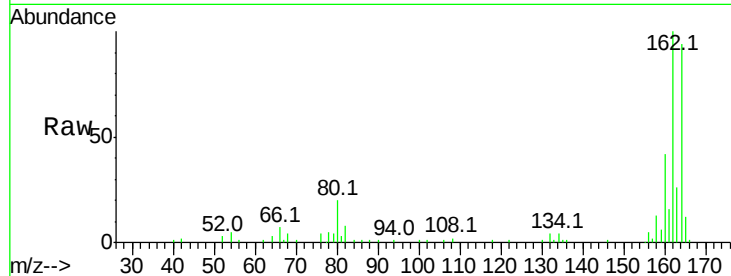
Tgt Ion: 82	Resp:	407735
Ion Ratio	Lower	Upper
82	100	
128	48.4	34.0 51.0
54	47.4	42.2 63.2



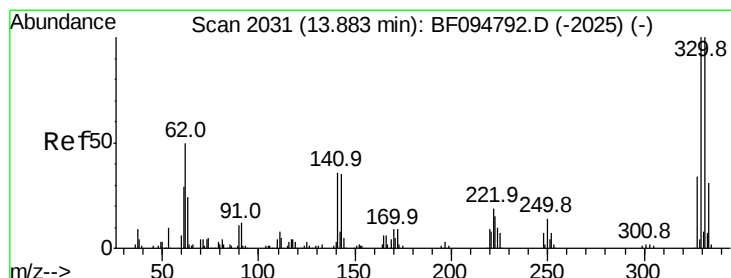
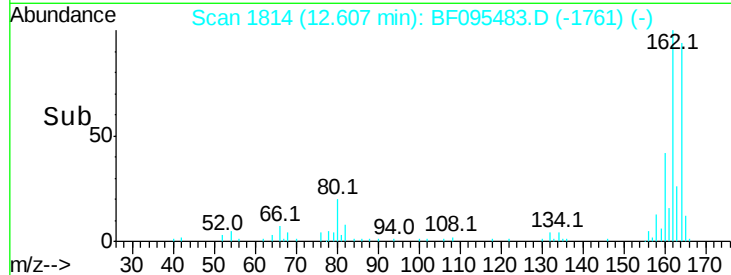
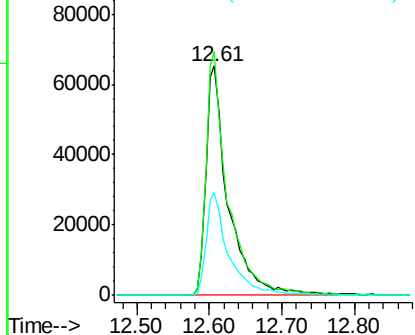


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.61 min Scan# 1814
Delta R.T. 0.01 min
Lab File: BF095483.D
Acq: 27 May 2017 4:26

Tot Ion	Ratio	Lower	Upper
164	100		
162	106.3	82.6	123.8
160	45.1	36.2	54.2

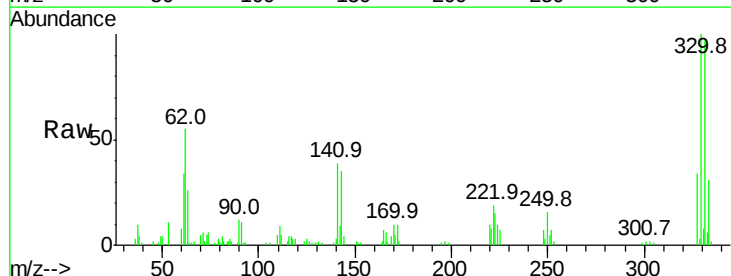


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

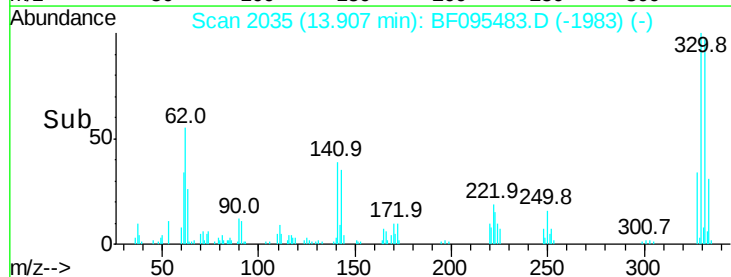
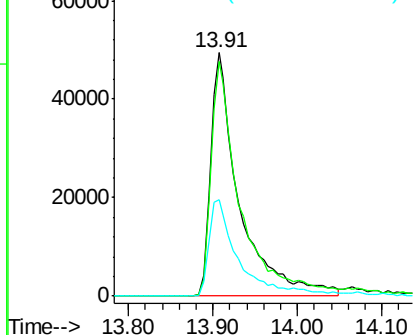


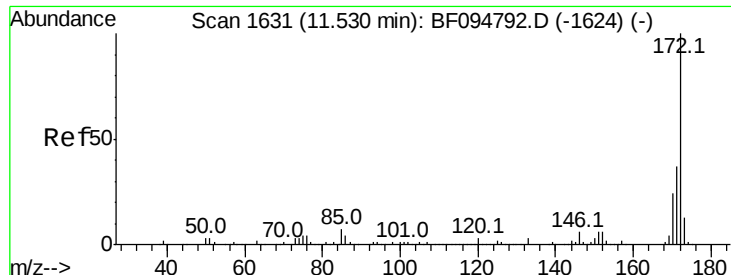
#41
2,4,6-Tribromophenol
Concen: 103.54 ng
RT: 13.91 min Scan# 2035
Delta R.T. 0.01 min
Lab File: BF095483.D
Acq: 27 May 2017 4:26

Tgt Ion	Ratio	Lower	Upper
330	100		
332	98.1	76.6	115.0
141	41.3	31.4	47.2



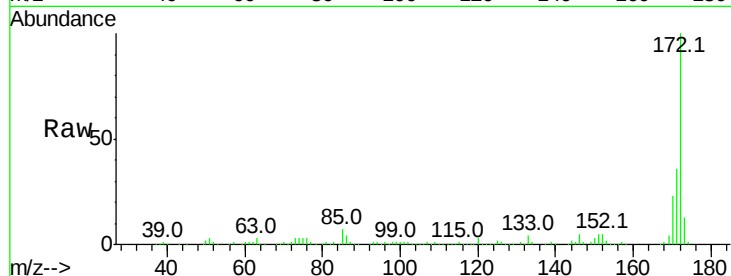
Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E



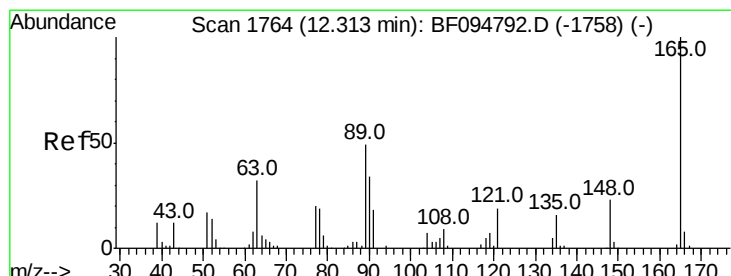
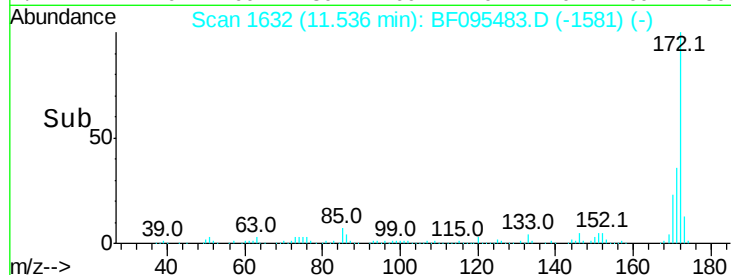
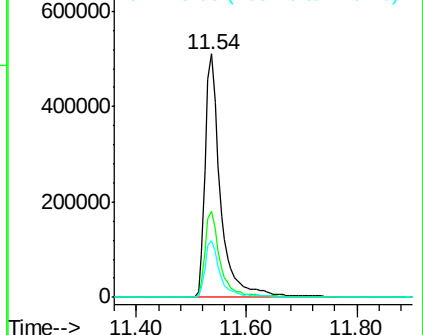


#44
 2-Fluorobiphenyl
 Concen: 101.29 ng
 RT: 11.54 min Scan# 1632
 Delta R.T. 0.00 min
 Lab File: BF095483.D
 Acq: 27 May 2017 4:26

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.6	29.6	44.4
170	23.2	19.8	29.8

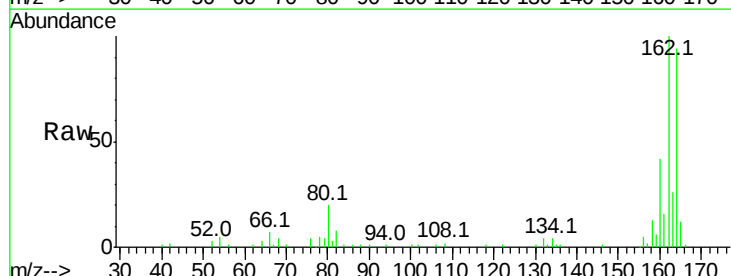


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

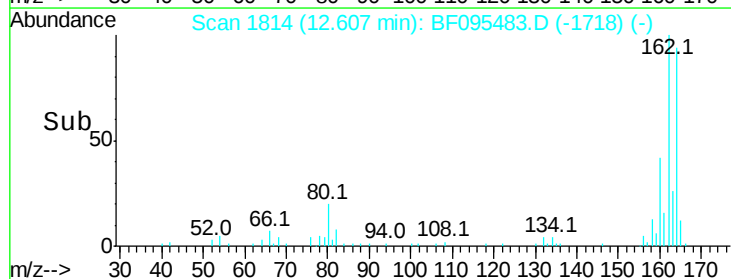
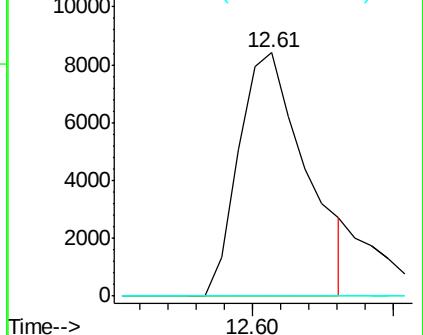


#50
 2,6-Dinitrotoluene
 Concen: 5.95 ng
 RT: 12.61 min Scan# 1814
 Delta R.T. 0.26 min
 Lab File: BF095483.D
 Acq: 27 May 2017 4:26

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	34.3	51.5#
89	0.0	37.1	55.7#



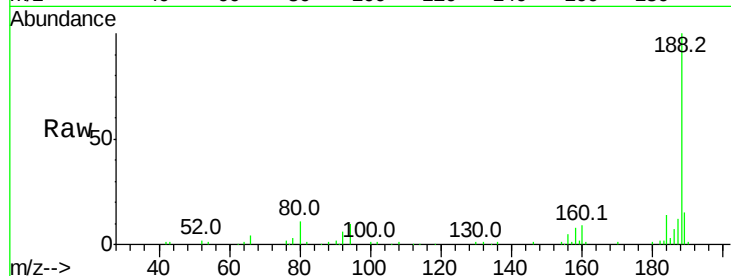
Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0



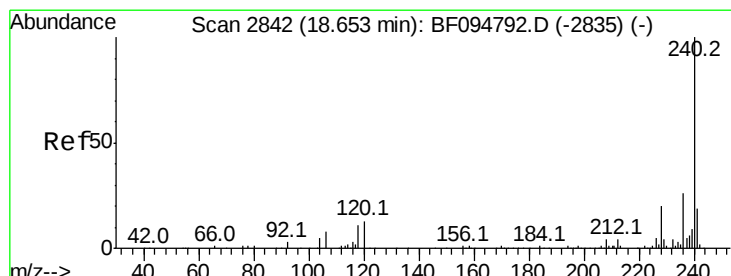
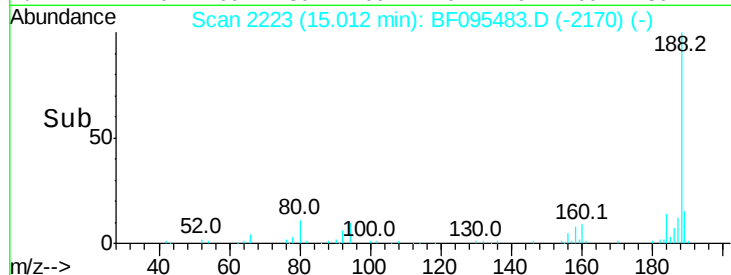
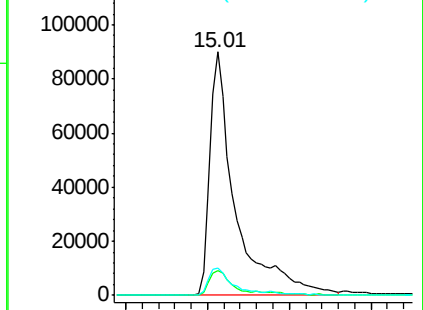


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 15.01 min Scan# 2223
Delta R.T. 0.01 min
Lab File: BF095483.D
Acq: 27 May 2017 4:26

Tot Ion:188 Resp: 196702
Ion Ratio Lower Upper
188 100
94 10.4 9.4 14.2
80 11.3 10.2 15.2

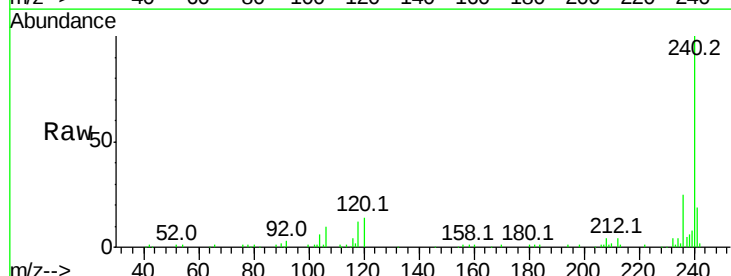


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

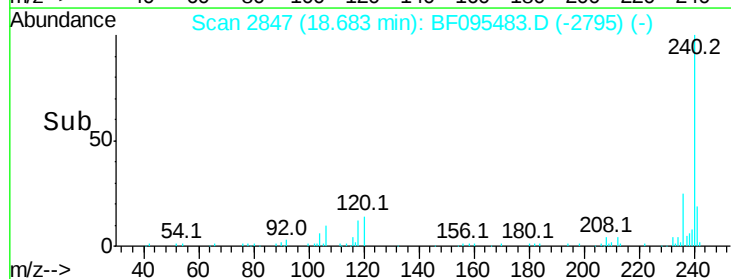
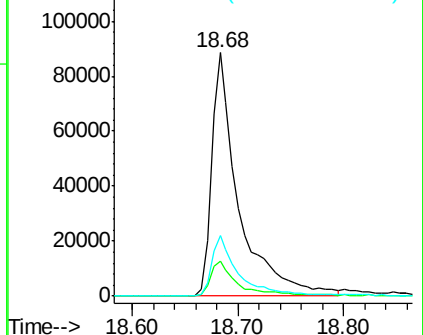


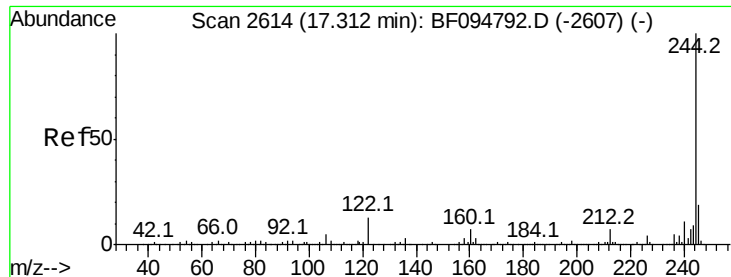
#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.68 min Scan# 2847
Delta R.T. 0.01 min
Lab File: BF095483.D
Acq: 27 May 2017 4:26

Tgt Ion:240 Resp: 158878
Ion Ratio Lower Upper
240 100
120 14.4 5.8 8.8#
236 24.8 20.5 30.7



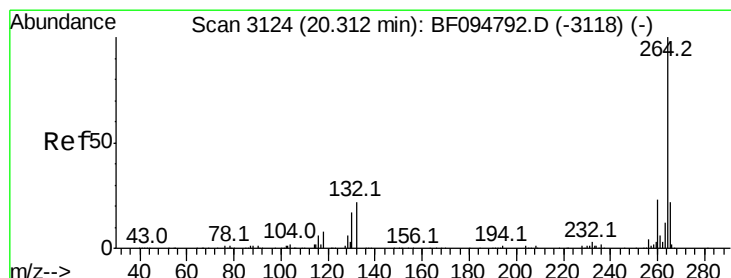
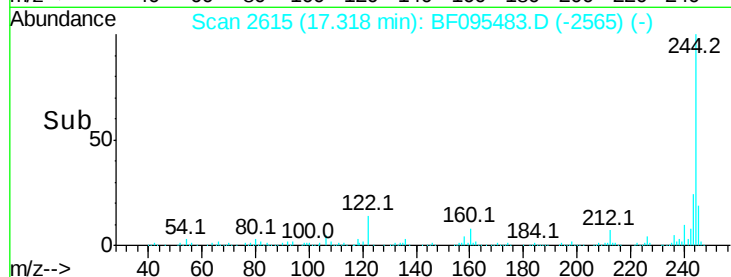
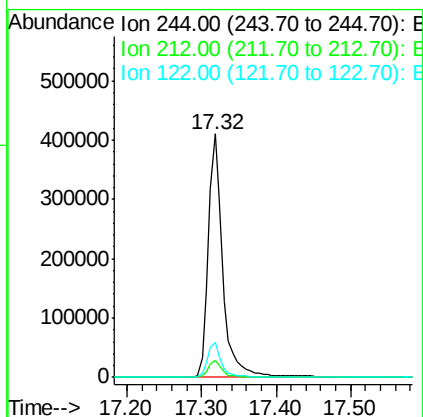
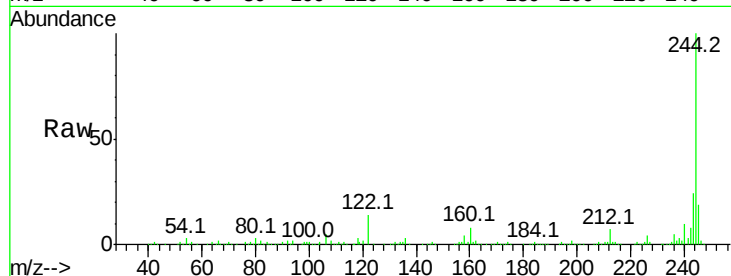
Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#78
 Terphenyl-d14
 Concen: 77.07 ng
 RT: 17.32 min Scan# 2615
 Delta R.T. -0.01 min
 Lab File: BF095483.D
 Acq: 27 May 2017 4:26

Tot Ion:244 Resp: 555937
 Ion Ratio Lower Upper
 244 100
 212 6.8 6.0 9.0
 122 14.2 10.3 15.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 20.37 min Scan# 3133
 Delta R.T. 0.01 min
 Lab File: BF095483.D
 Acq: 27 May 2017 4:26

Tgt Ion:264 Resp: 98458
 Ion Ratio Lower Upper
 264 100
 260 20.2 19.5 29.3
 265 21.6 17.2 25.8

