

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF111417\
 Data File : BF100545.D
 Acq On : 14 Nov 2017 16:27
 Operator : SJ/JU
 Sample : I6389-19
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 3N-20

Quant Time: Nov 15 00:56:40 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 14 14:17:16 2017
 Response via : Initial Calibration

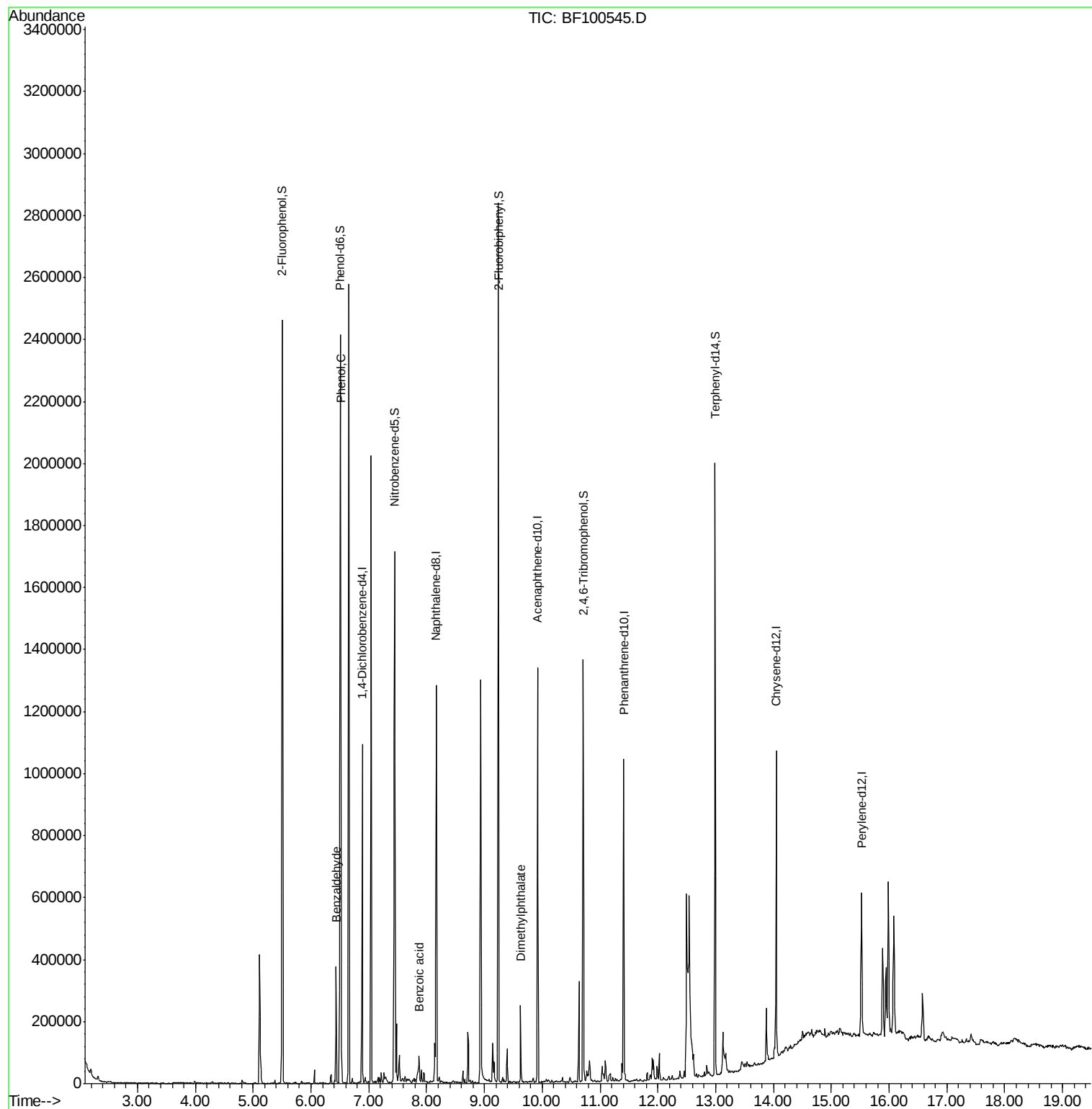
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	152472	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	580982	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	231276	20.00	ng	0.00
63) Phenanthrene-d10	11.41	188	371212	20.00	ng	0.00
75) Chrysene-d12	14.04	240	310253	20.00	ng	0.00
86) Perylene-d12	15.52	264	223271	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	758113	79.70	ng	0.00
7) Phenol-d6	6.51	99	946965	80.74	ng	0.00
23) Nitrobenzene-d5	7.45	82	551880	62.80	ng	0.00
41) 2,4,6-Tribromophenol	10.71	330	159459	67.66	ng	0.00
44) 2-Fluorobiphenyl	9.24	172	901109	59.33	ng	0.00
78) Terphenyl-d14	12.99	244	645526	47.81	ng	0.00
Target Compounds						
9) Benzaldehyde	6.43	77	67271	8.031	ng	99
10) Phenol	6.52	94	48126	3.908	ng	98
32) Benzoic acid	7.87	122	18895	11.770	ng	98
49) Dimethylphthalate	9.63	163	89818	5.086	ng	100

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

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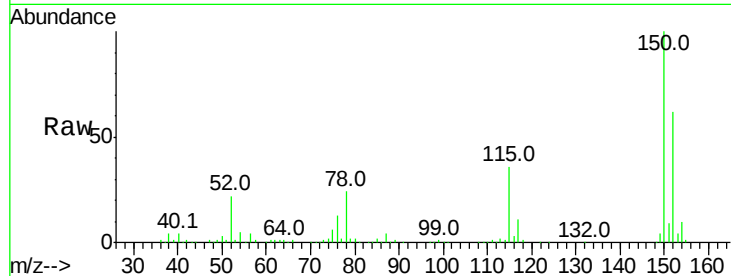


#1

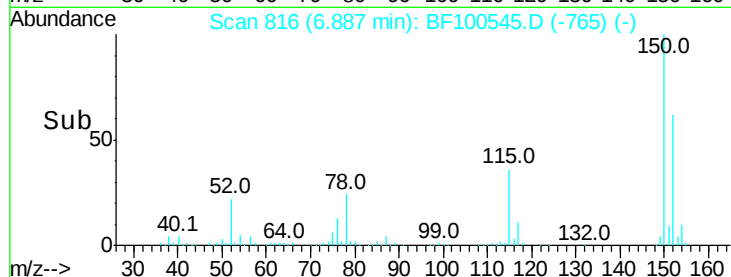
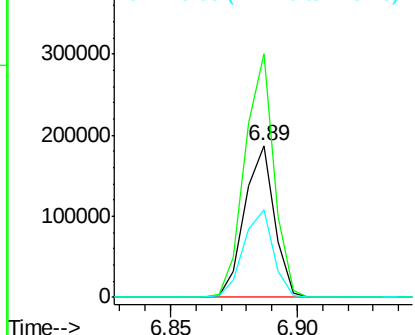
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 816
Delta R.T. 0.00 min
Lab File: BF100545.D
Acq: 14 Nov 2017 16:27

Instrument :
BNA_F
ClientSampleId :
3N-20

Tot Ion:152 Resp: 152472
Ion Ratio Lower Upper
152 100
150 160.3 124.6 186.8
115 58.0 50.1 75.1



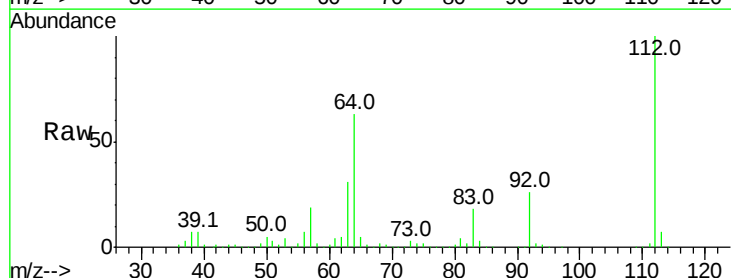
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



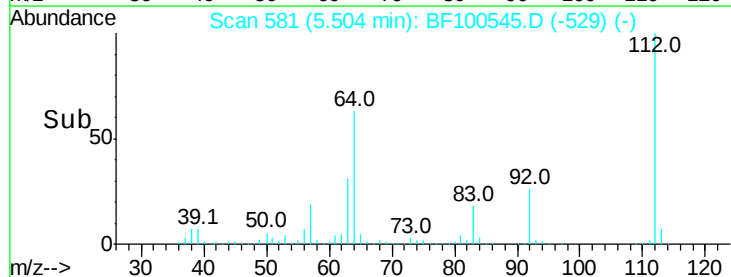
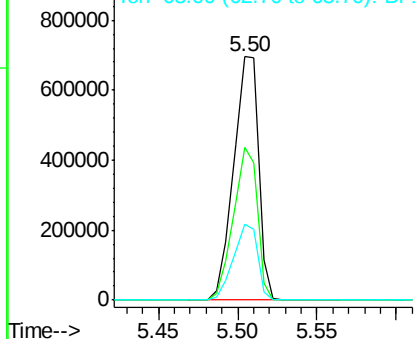
#5

2-Fluorophenol
Concen: 79.703 ng
RT: 5.50 min Scan# 581
Delta R.T. 0.01 min
Lab File: BF100545.D
Acq: 14 Nov 2017 16:27

Tgt Ion:112 Resp: 758113
Ion Ratio Lower Upper
112 100
64 62.9 47.9 71.9
63 31.3 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 80.735 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.00 min

Lab File: BF100545.D

Acq: 14 Nov 2017 16:27

Instrument :

BNA_F

ClientSampleId :

3N-20

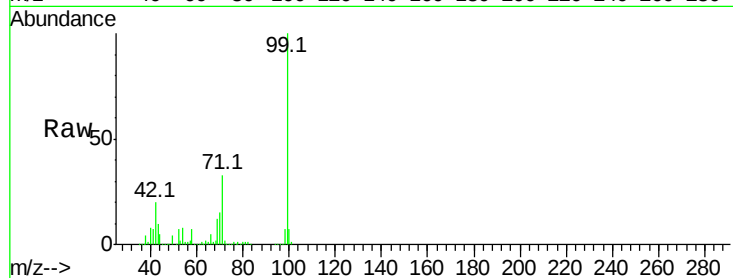
Tot Ion: 99 Resp: 946965

Ion Ratio Lower Upper

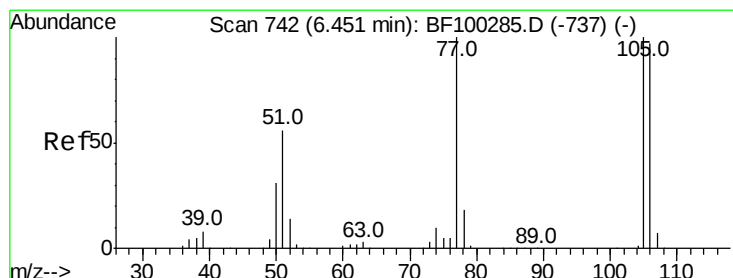
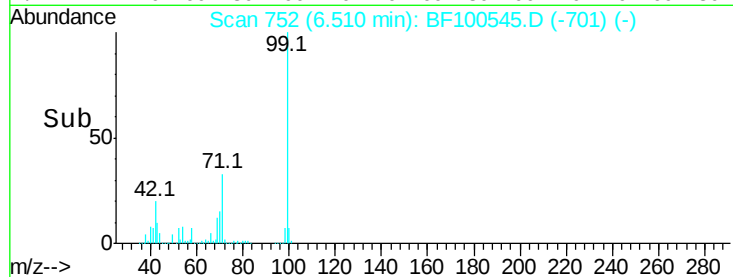
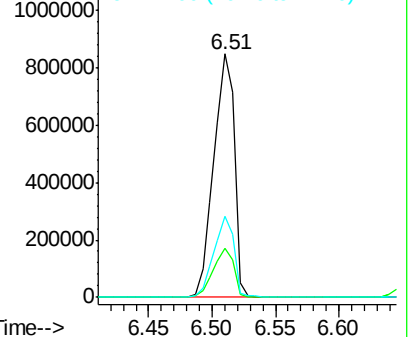
99 100

42 20.3 14.5 21.7

71 33.1 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#9

Benzaldehyde

Concen: 8.031 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF100545.D

Acq: 14 Nov 2017 16:27

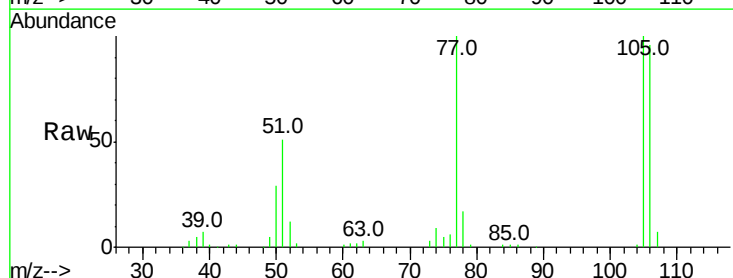
Tgt Ion: 77 Resp: 67271

Ion Ratio Lower Upper

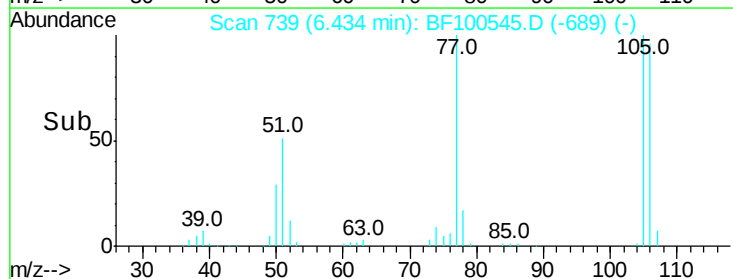
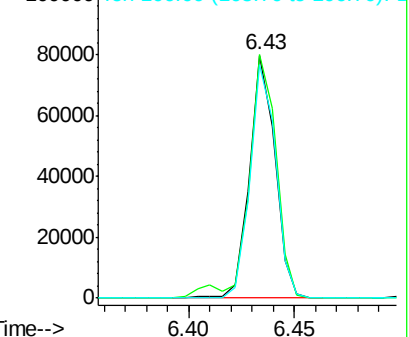
77 100

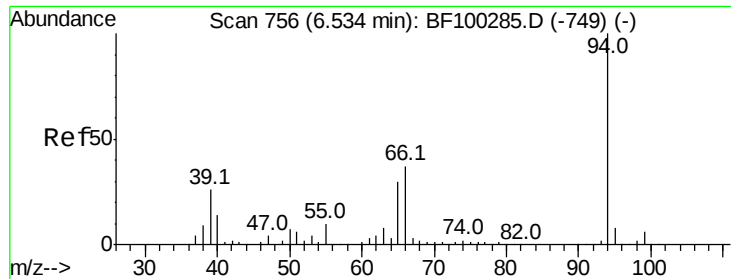
105 100.2 81.1 121.1

106 96.3 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 105.00 (104.70 to 105.70): BF1
Ion 106.00 (105.70 to 106.70): BF1

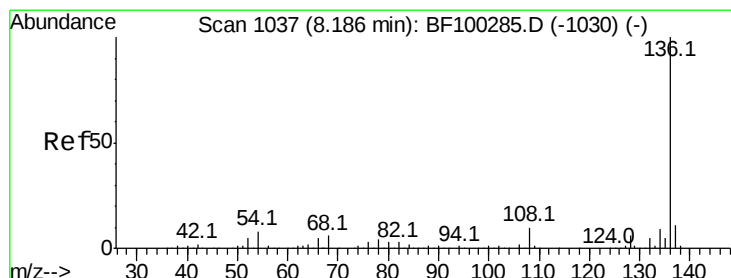
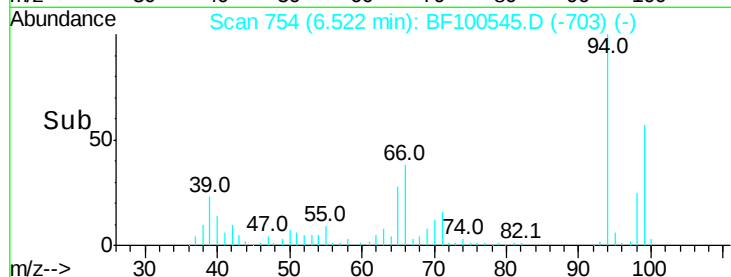
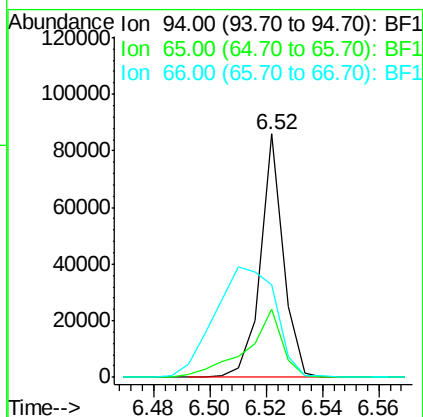
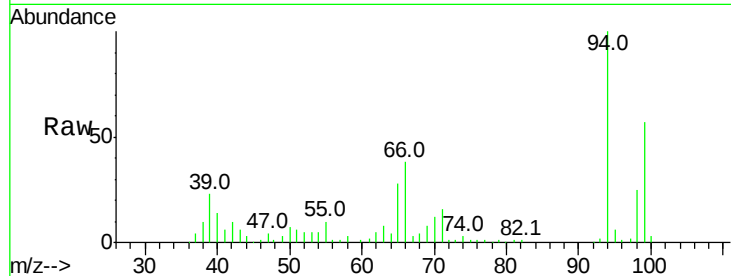




#10
Phenol
Concen: 3.908 ng
RT: 6.52 min Scan# 754
Delta R.T. 0.00 min
Lab File: BF100545.D
Acq: 14 Nov 2017 16:27

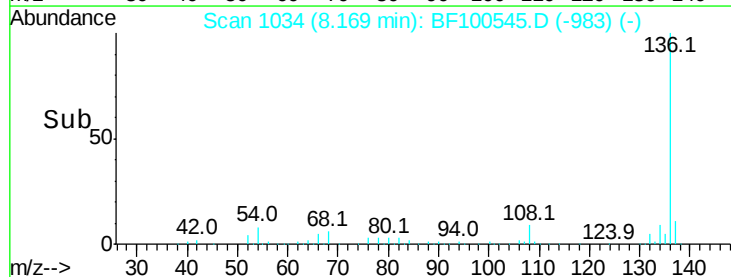
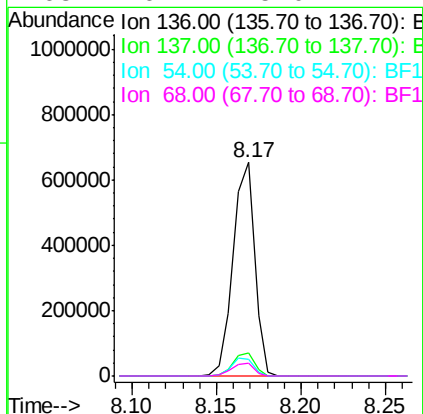
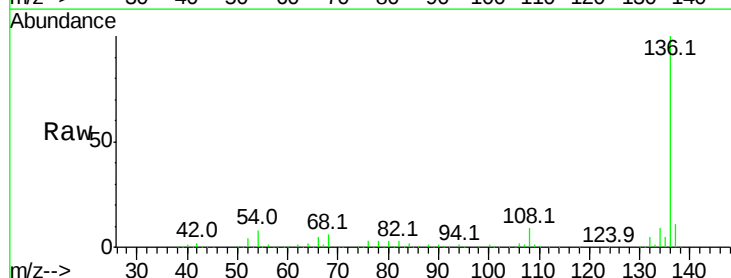
Instrument :
BNA_F
ClientSampleId :
3N-20

Tot Ion: 94 Resp: 48126
Ion Ratio Lower Upper
94 100
65 27.9 7.9 47.9
66 37.8 16.2 56.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.17 min Scan# 1034
Delta R.T. 0.00 min
Lab File: BF100545.D
Acq: 14 Nov 2017 16:27

Tgt Ion: 136 Resp: 580982
Ion Ratio Lower Upper
136 100
137 10.5 8.9 13.3
54 7.8 6.6 9.8
68 6.1 5.0 7.4

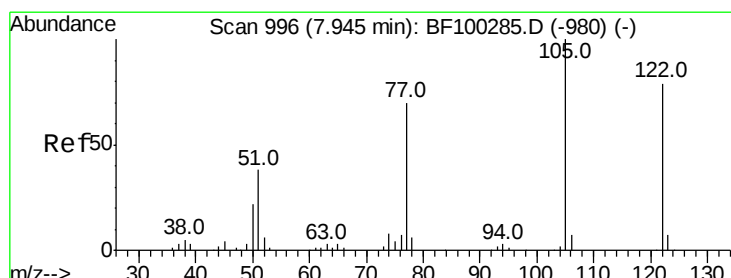
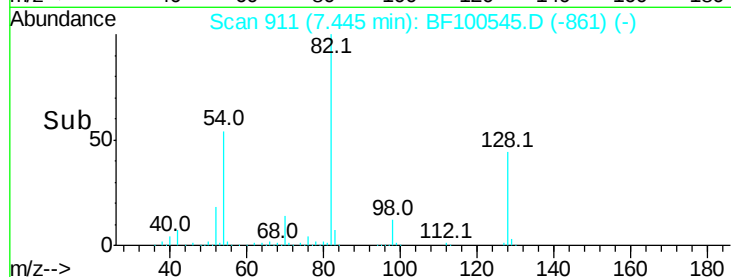
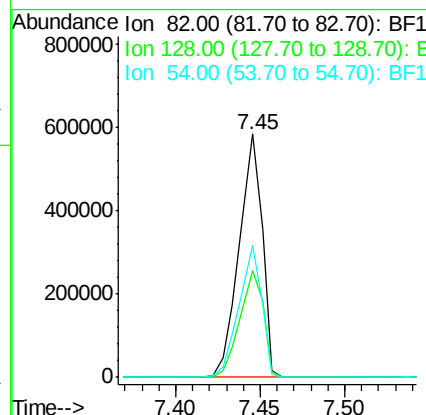
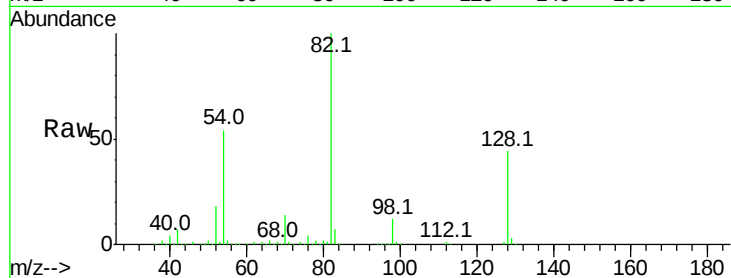




#23
 Nitrobenzene-d5
 Concen: 62.802 ng
 RT: 7.45 min Scan# 911
 Delta R.T. -0.01 min
 Lab File: BF100545.D
 Acq: 14 Nov 2017 16:27

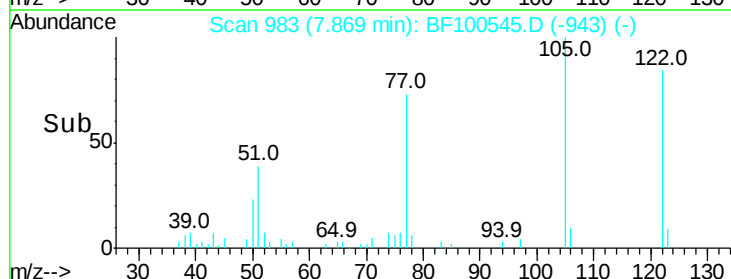
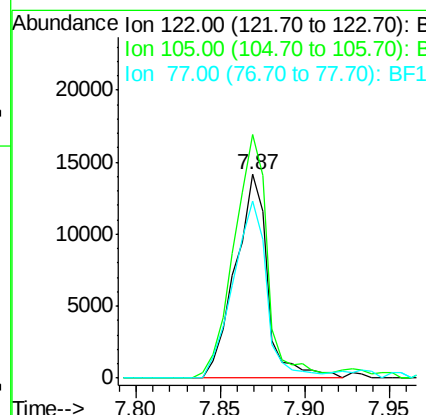
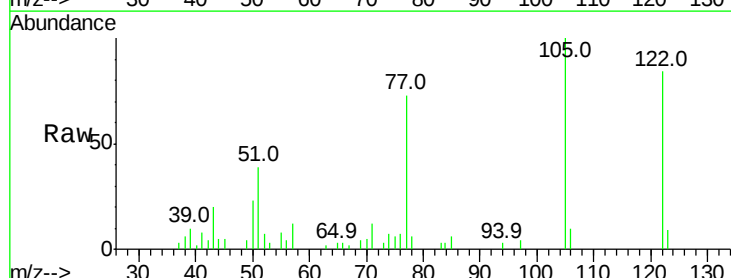
Instrument :
 BNA_F
 ClientSampled :
 3N-20

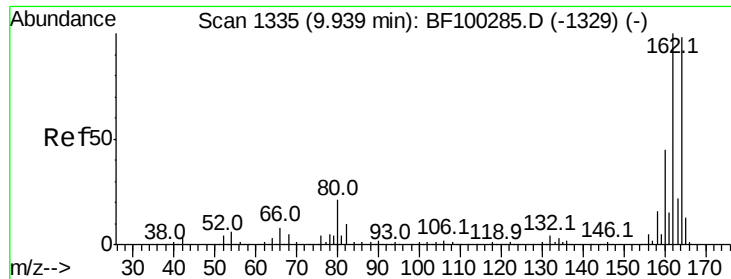
Tot Ion: 82 Resp: 551880
 Ion Ratio Lower Upper
 82 100
 128 43.6 36.1 54.1
 54 54.2 41.4 62.2



#32
 Benzoic acid
 Concen: 11.770 ng
 RT: 7.87 min Scan# 983
 Delta R.T. -0.06 min
 Lab File: BF100545.D
 Acq: 14 Nov 2017 16:27

Tgt Ion:122 Resp: 18895
 Ion Ratio Lower Upper
 122 100
 105 119.7 101.1 141.1
 77 87.2 70.7 110.7

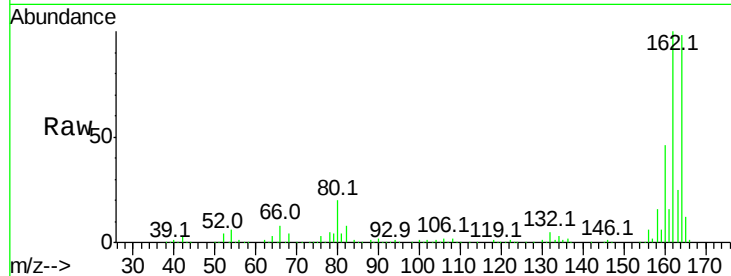




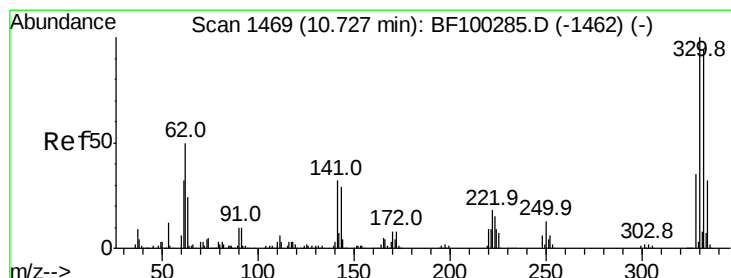
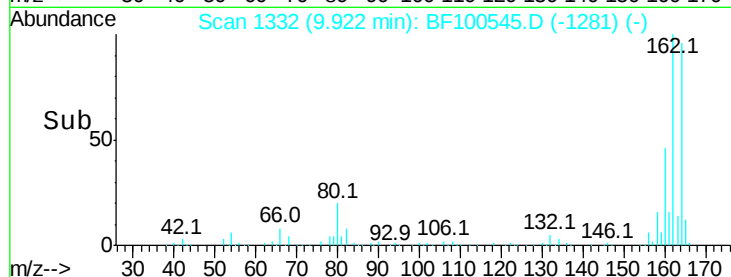
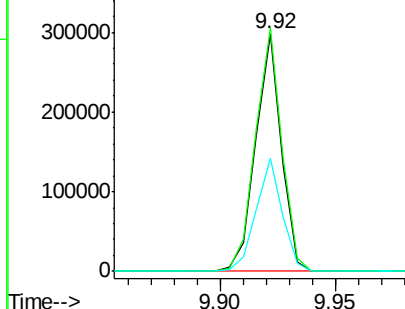
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.92 min Scan# 1332
 Delta R.T. 0.00 min
 Lab File: BF100545.D
 Acq: 14 Nov 2017 16:27

Instrument :
 BNA_F
 ClientSampleId :
 3N-20

Tot Ion:164 Resp: 231276
 Ion Ratio Lower Upper
 164 100
 162 102.4 86.1 129.1
 160 47.4 38.3 57.5

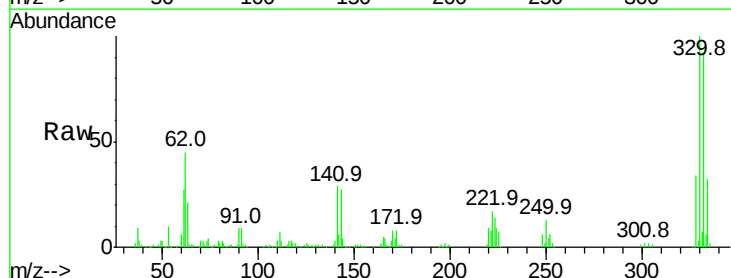


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

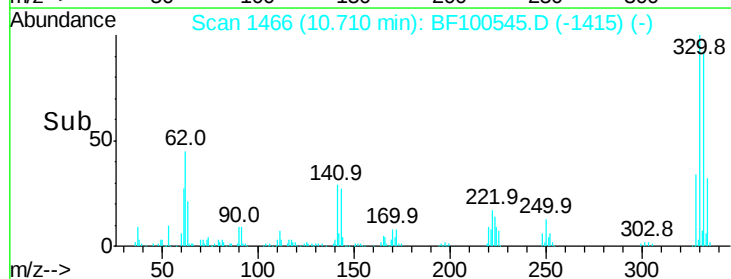
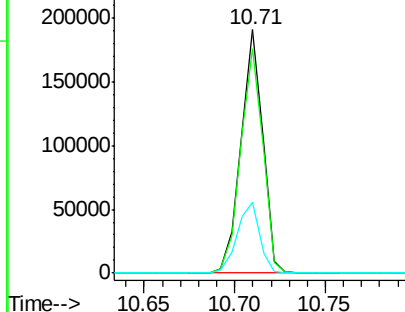


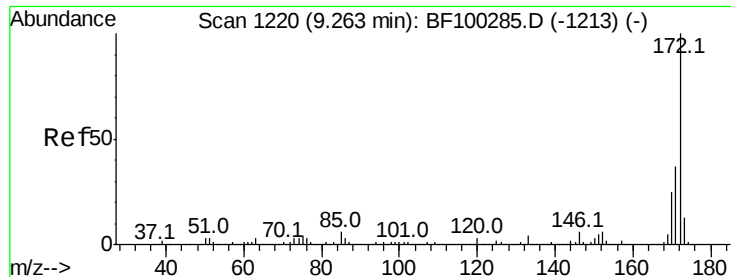
#41
 2,4,6-Tribromophenol
 Concen: 67.662 ng
 RT: 10.71 min Scan# 1466
 Delta R.T. 0.00 min
 Lab File: BF100545.D
 Acq: 14 Nov 2017 16:27

Tgt Ion:330 Resp: 159459
 Ion Ratio Lower Upper
 330 100
 332 94.3 77.0 115.6
 141 30.3 29.9 44.9



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

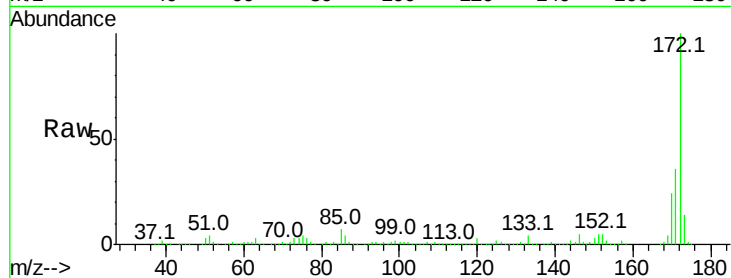




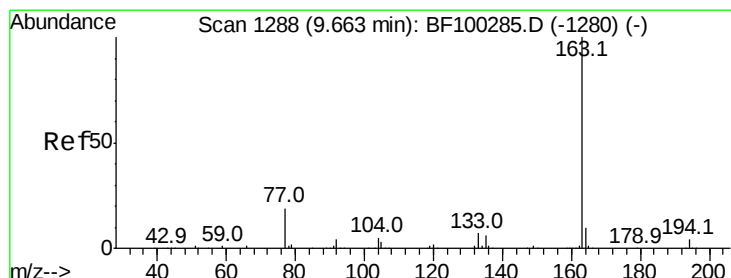
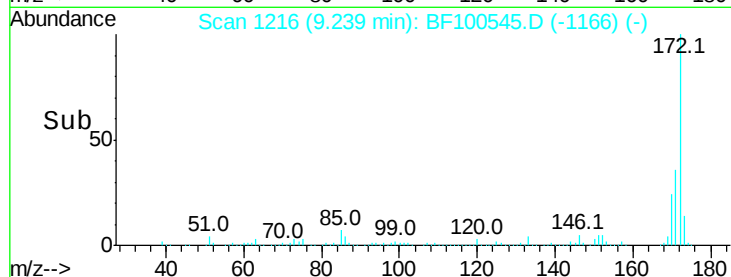
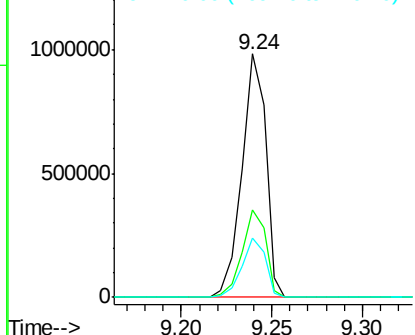
#44
2-Fluorobiphenyl
Concen: 59.329 ng
RT: 9.24 min Scan# 1216
Delta R.T. -0.01 min
Lab File: BF100545.D
Acq: 14 Nov 2017 16:27

Instrument :
BNA_F
ClientSampled :
3N-20

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.7	44.5
170	24.3	19.6	29.4

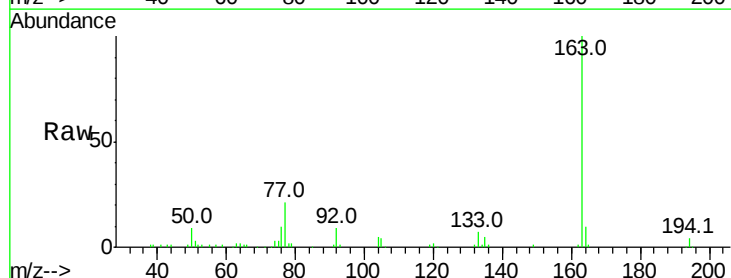


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

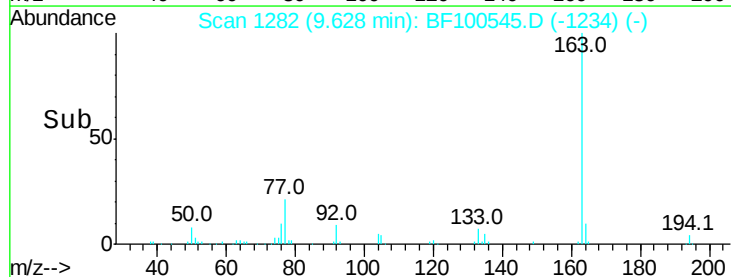
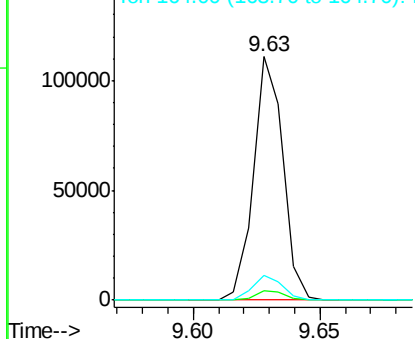


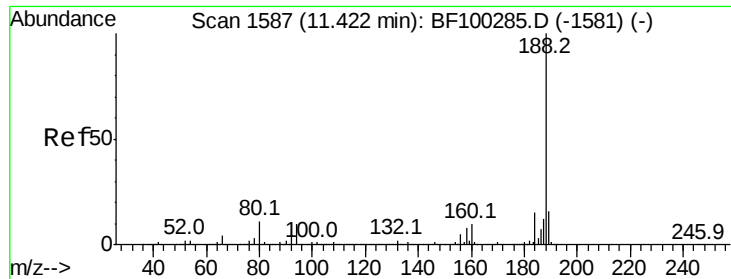
#49
Dimethylphthalate
Concen: 5.086 ng
RT: 9.63 min Scan# 1282
Delta R.T. -0.02 min
Lab File: BF100545.D
Acq: 14 Nov 2017 16:27

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.8	2.7	4.1
164	10.3	8.2	12.2



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

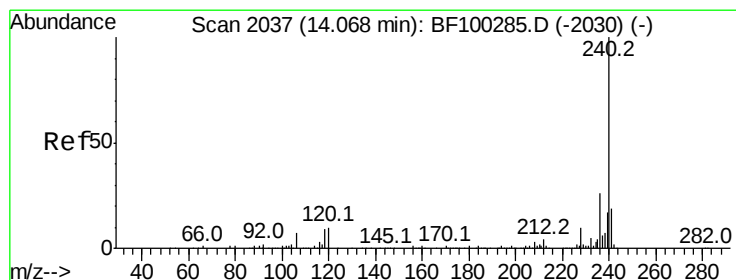
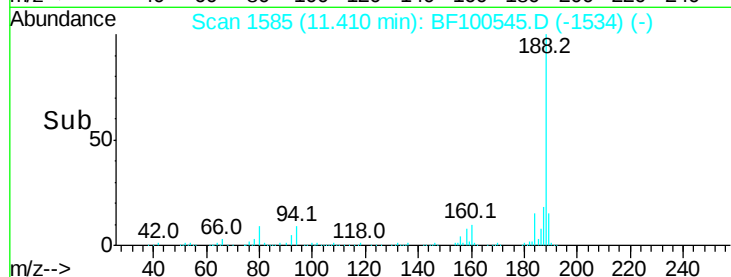
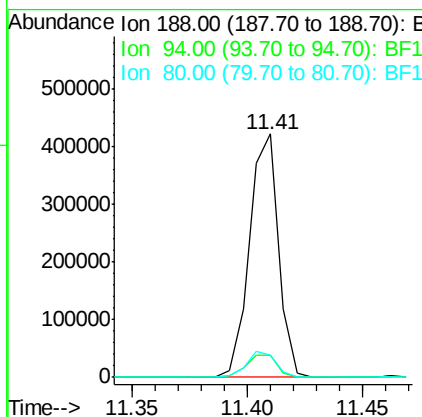
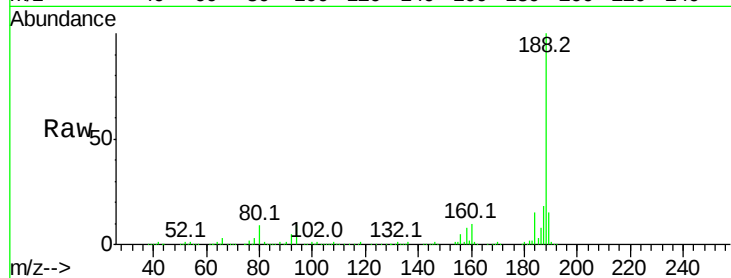




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.41 min Scan# 1585
Delta R.T. 0.00 min
Lab File: BF100545.D
Acq: 14 Nov 2017 16:27

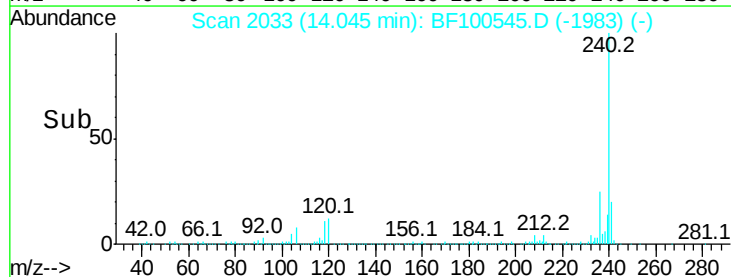
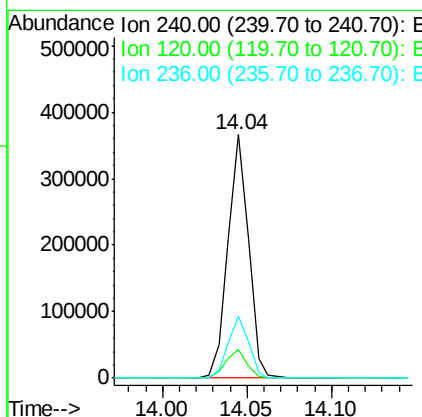
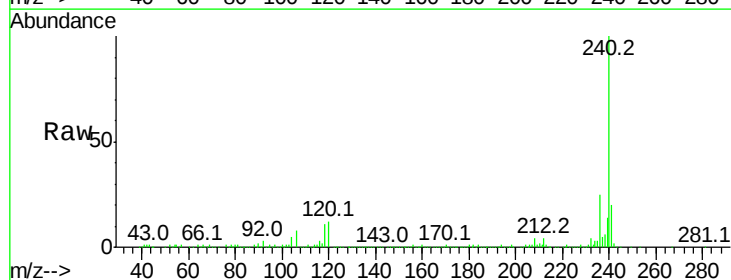
Instrument :
BNA_F
ClientSampled :
3N-20

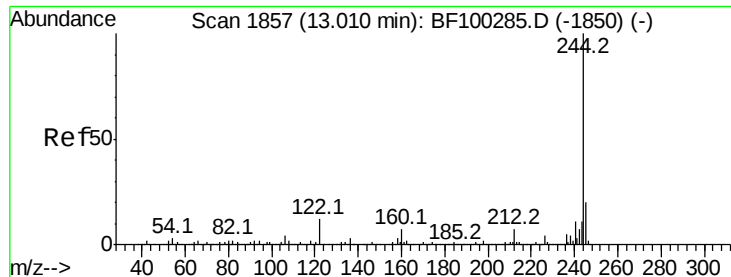
Tot Ion:188 Resp: 371212
Ion Ratio Lower Upper
188 100
94 9.0 8.5 12.7
80 9.3 9.2 13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.04 min Scan# 2033
Delta R.T. -0.01 min
Lab File: BF100545.D
Acq: 14 Nov 2017 16:27

Tgt Ion:240 Resp: 310253
Ion Ratio Lower Upper
240 100
120 12.0 9.5 14.3
236 25.3 20.7 31.1





#78

Terphenyl-d14

Concen: 47.807 ng

RT: 12.99 min Scan# 1854

Delta R.T. 0.00 min

Lab File: BF100545.D

Acq: 14 Nov 2017 16:27

Instrument :

BNA_F

ClientSampleId :

3N-20

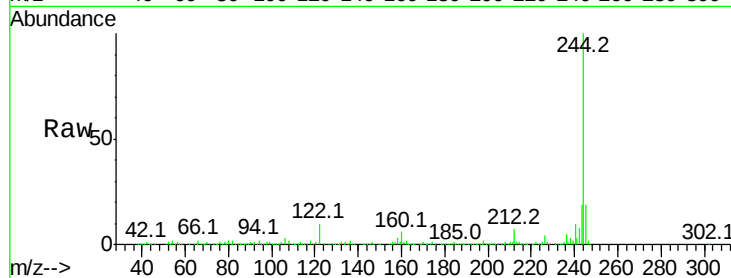
Tot Ion:244 Resp: 645526

Ion Ratio Lower Upper

244 100

212 6.6 5.4 8.0

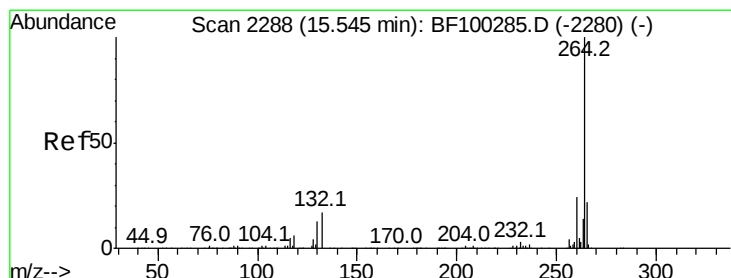
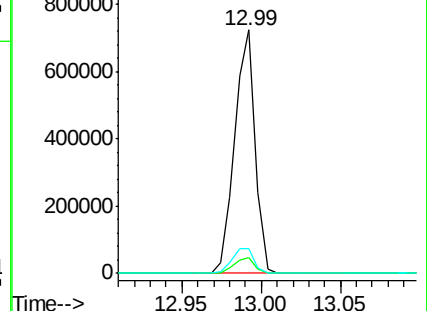
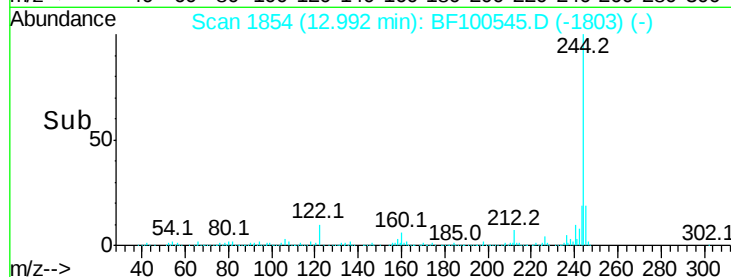
122 10.1 11.0 16.4#



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

Perylene-d12

Concen: 20.000 ng

RT: 15.52 min Scan# 2284

Delta R.T. 0.00 min

Lab File: BF100545.D

Acq: 14 Nov 2017 16:27

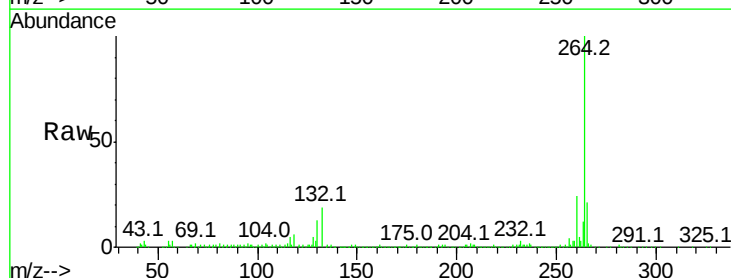
Tgt Ion:264 Resp: 223271

Ion Ratio Lower Upper

264 100

260 24.1 19.2 28.8

265 21.0 17.5 26.3



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

