

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052916\
 Data File : BF087546.D
 Acq On : 30 May 2016 12:29
 Operator : UM/SJ
 Sample : H3295-03
 Misc :
 ALS Vial : 66 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 R1-MW3-GW

Quant Time: May 31 01:13:46 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF052316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 31 00:45:12 2016
 Response via : Initial Calibration

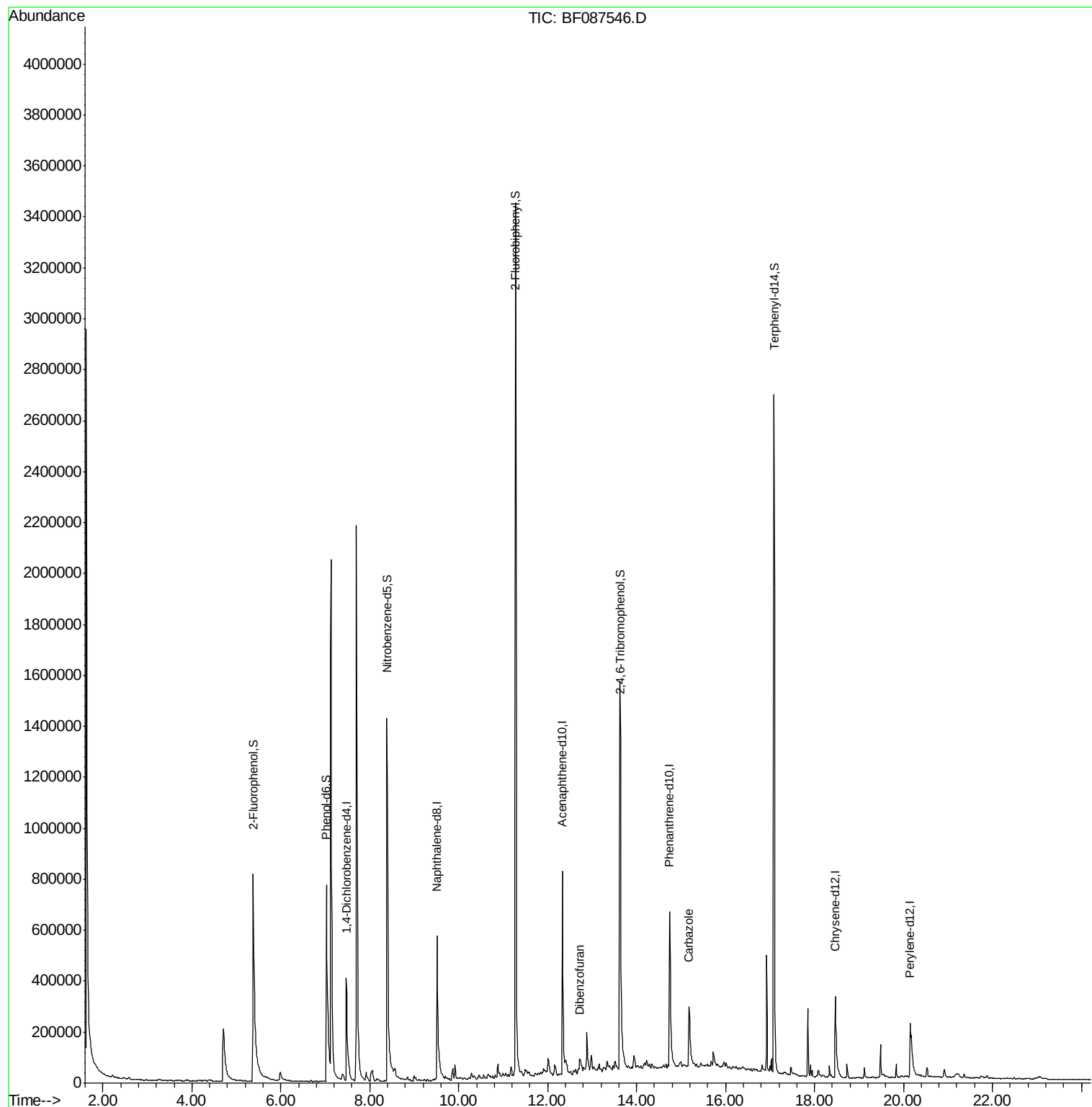
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.47	152	124976	20.00	ng	0.00
21) Naphthalene-d8	9.51	136	499621	20.00	ng	0.00
38) Acenaphthene-d10	12.33	164	219684	20.00	ng	0.00
63) Phenanthrene-d10	14.74	188	401077	20.00	ng	0.00
75) Chrysene-d12	18.47	240	266785	20.00	ng	0.02
86) Perylene-d12	20.15	264	240431	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	522237	73.43	ng	0.01
7) Phenol-d6	7.03	99	506361	52.69	ng	-0.01
23) Nitrobenzene-d5	8.39	82	859255	86.68	ng	-0.02
41) 2,4,6-Tribromophenol	13.63	330	284309	134.67	ng	0.00
44) 2-Fluorobiphenyl	11.28	172	1373337	88.13	ng	-0.01
78) Terphenyl-d14	17.09	244	1123761	89.55	ng	-0.01
Target Compounds						
54) Dibenzofuran	12.73	168	44825	2.40	ng	Qvalue # 91
72) Carbazole	15.18	167	232417	12.14	ng	98

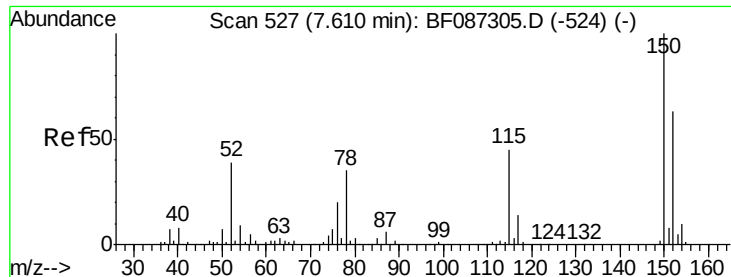
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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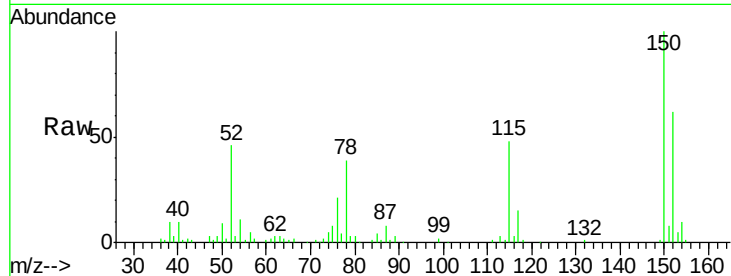


#1

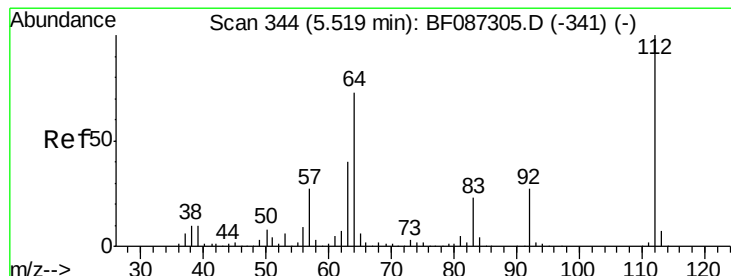
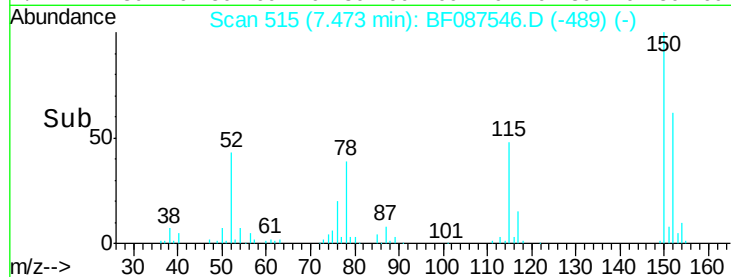
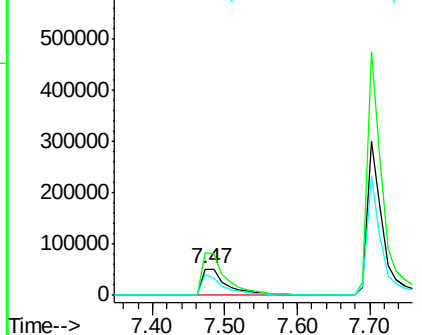
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.47 min Scan# 515
Delta R.T. -0.00 min
Lab File: BF087546.D
Acq: 30 May 2016 12:29

Instrument :
BNA_F
ClientSampleId :
R1-MW3-GW

Tot Ion:152 Resp: 124976
Ion Ratio Lower Upper
152 100
150 161.8 125.8 188.6
115 77.0 51.5 77.3



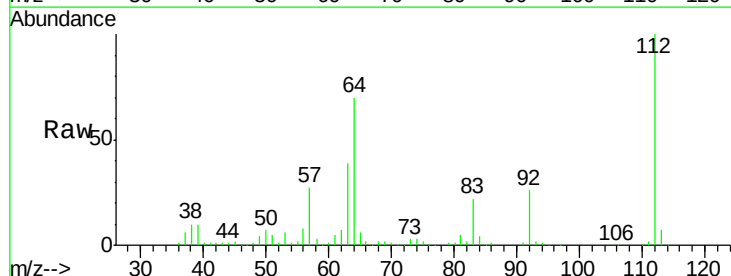
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



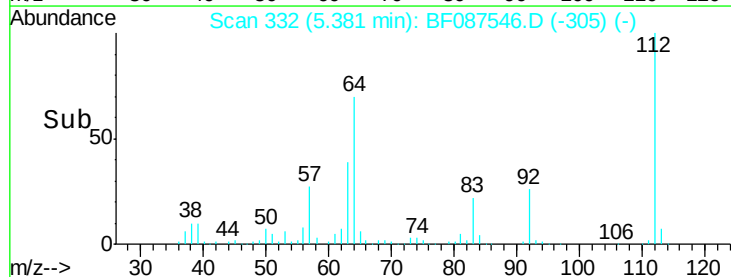
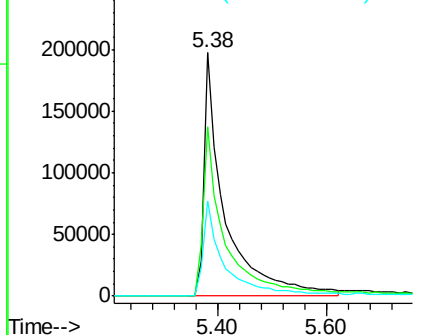
#5

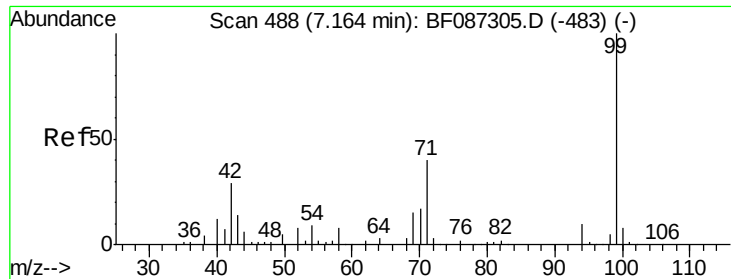
2-Fluorophenol
Concen: 73.43 ng
RT: 5.38 min Scan# 332
Delta R.T. 0.01 min
Lab File: BF087546.D
Acq: 30 May 2016 12:29

Tgt Ion:112 Resp: 522237
Ion Ratio Lower Upper
112 100
64 69.6 52.1 78.1
63 39.0 25.7 38.5#



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: 52.69 ng

RT: 7.03 min Scan# 476

Delta R.T. -0.01 min

Lab File: BF087546.D

Acq: 30 May 2016 12:29

Instrument :

BNA_F

ClientSampleId :

R1-MW3-GW

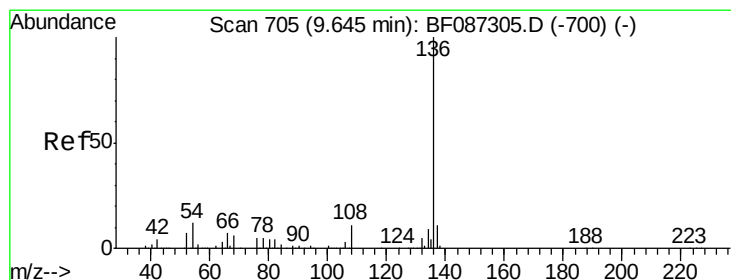
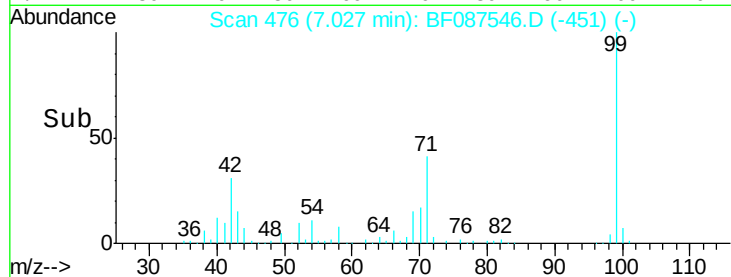
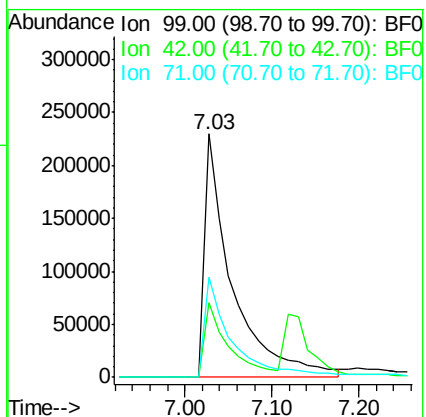
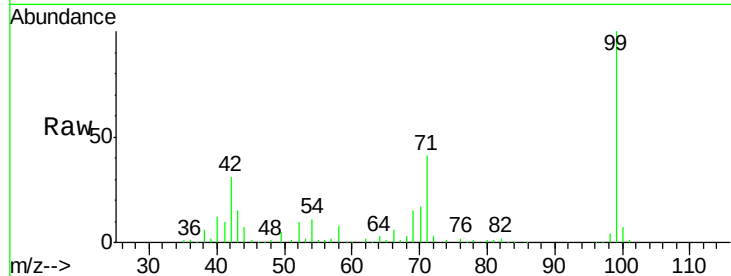
Tot Ion: 99 Resp: 506361

Ion Ratio Lower Upper

99 100

42 30.6 13.6 20.4#

71 41.4 24.6 36.8#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.51 min Scan# 693

Delta R.T. -0.00 min

Lab File: BF087546.D

Acq: 30 May 2016 12:29

Tgt Ion: 136 Resp: 499621

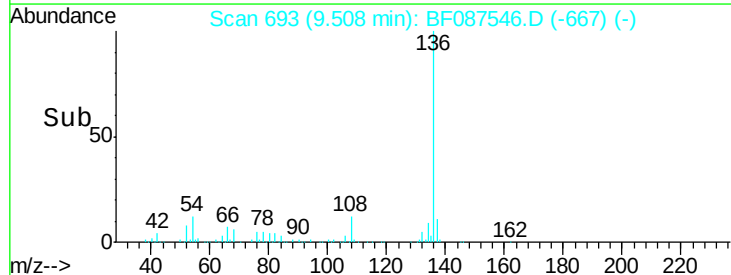
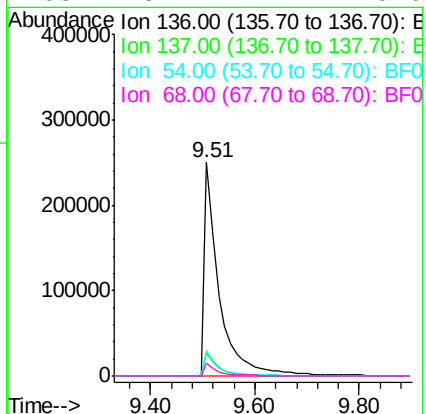
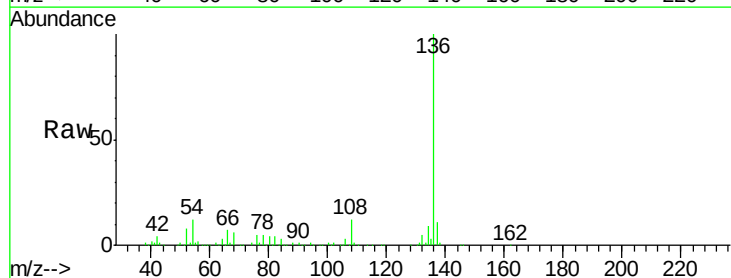
Ion Ratio Lower Upper

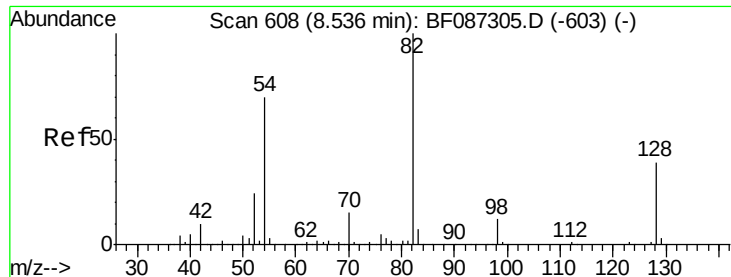
136 100

137 11.1 8.8 13.2

54 12.2 5.0 7.4#

68 5.7 4.4 6.6

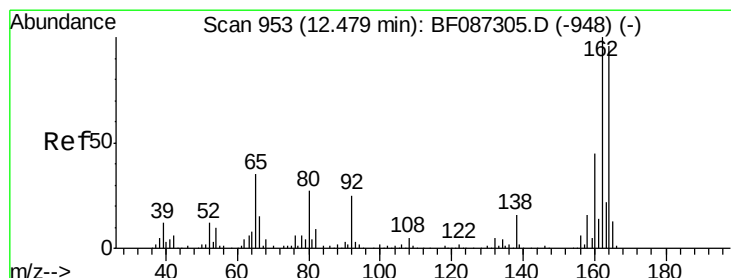
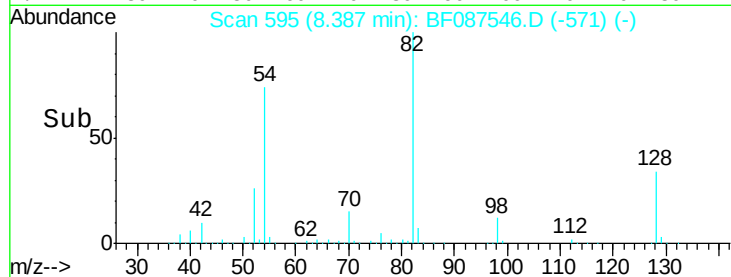
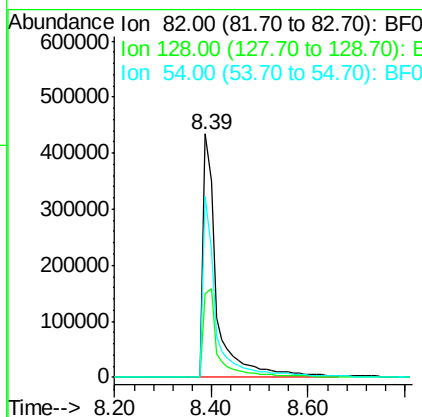
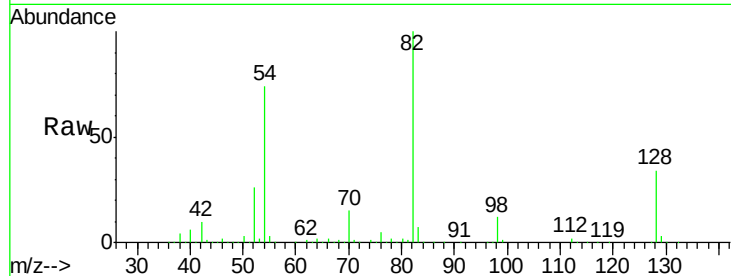




#23
 Nitrobenzene-d5
 Concen: 86.68 ng
 RT: 8.39 min Scan# 595
 Delta R.T. -0.02 min
 Lab File: BF087546.D
 Acq: 30 May 2016 12:29

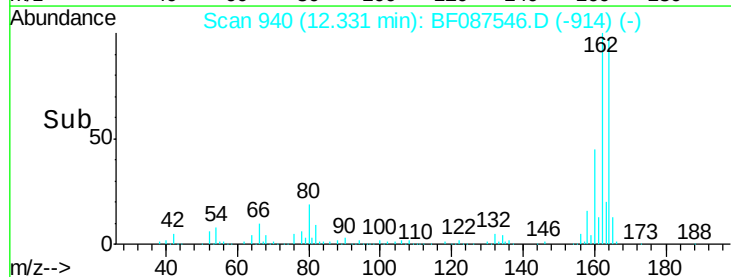
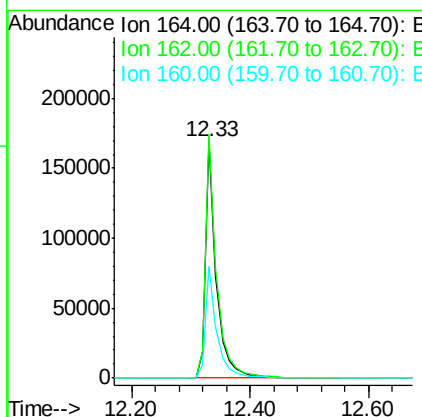
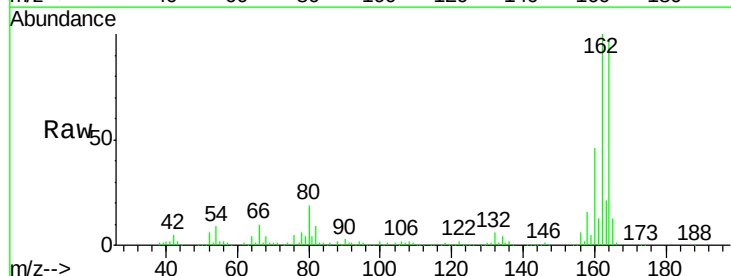
Instrument :
 BNA_F
 ClientSampleId :
 R1-MW3-GW

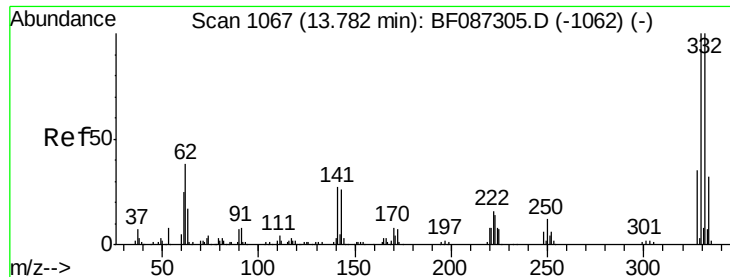
Tot Ion	Ratio	Lower	Upper
82	100		
128	34.1	40.6	61.0#
54	74.1	38.1	57.1#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.33 min Scan# 940
 Delta R.T. -0.00 min
 Lab File: BF087546.D
 Acq: 30 May 2016 12:29

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.8	82.8	124.2
160	47.1	36.9	55.3

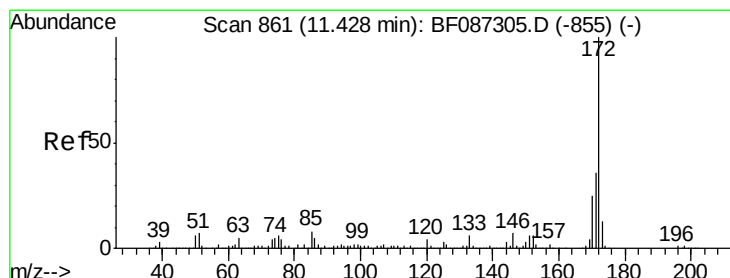
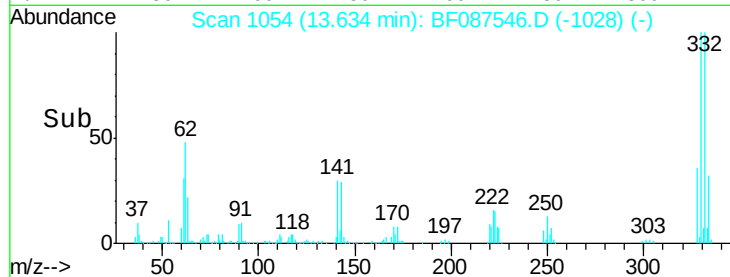
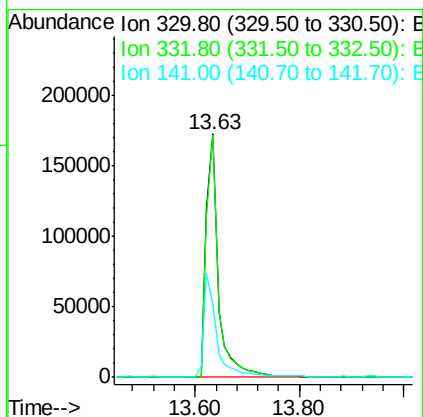
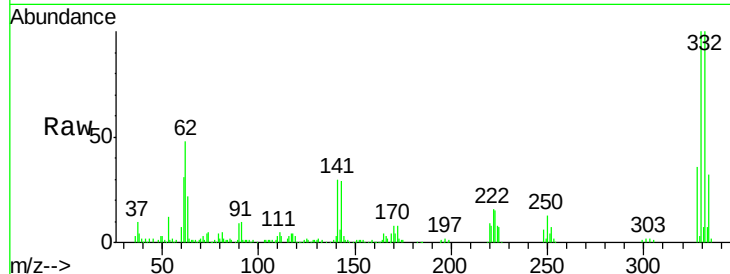




#41
 2,4,6-Tribromophenol
 Concen: 134.67 ng
 RT: 13.63 min Scan# 1054
 Delta R.T. -0.00 min
 Lab File: BF087546.D
 Acq: 30 May 2016 12:29

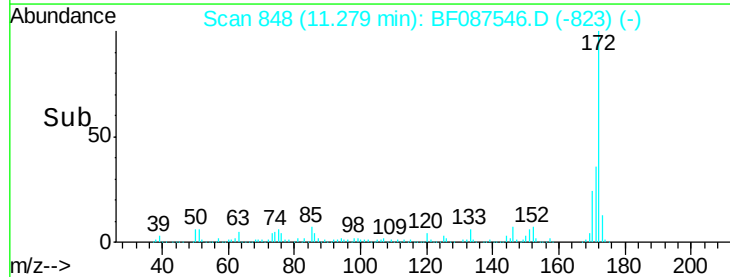
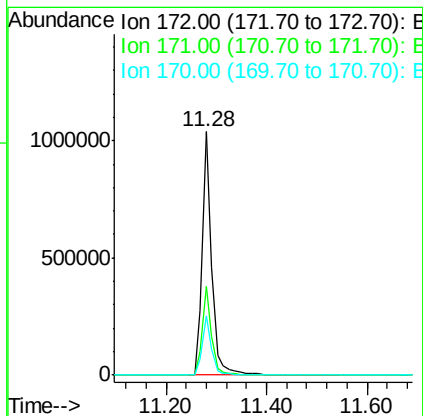
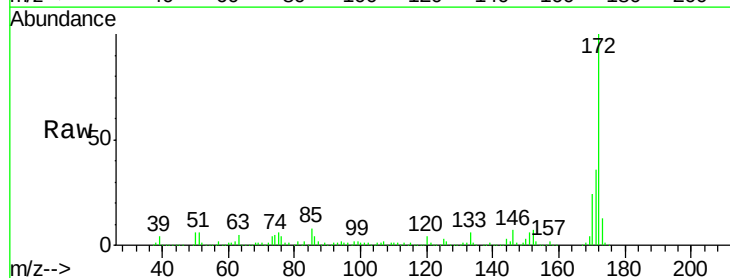
Instrument :
 BNA_F
 ClientSampleId :
 R1-MW3-GW

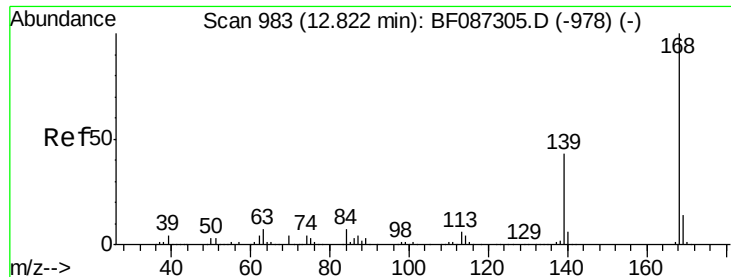
Tot Ion:330 Resp: 284309
 Ion Ratio Lower Upper
 330 100
 332 98.0 79.0 118.4
 141 43.5 31.2 46.8



#44
 2-Fluorobiphenyl
 Concen: 88.13 ng
 RT: 11.28 min Scan# 848
 Delta R.T. -0.01 min
 Lab File: BF087546.D
 Acq: 30 May 2016 12:29

Tgt Ion:172 Resp: 1373337
 Ion Ratio Lower Upper
 172 100
 171 36.2 29.0 43.6
 170 24.4 19.8 29.8

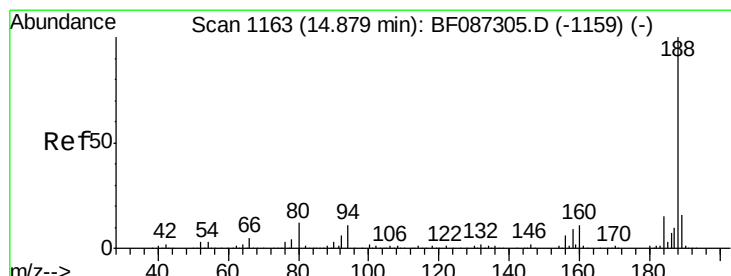
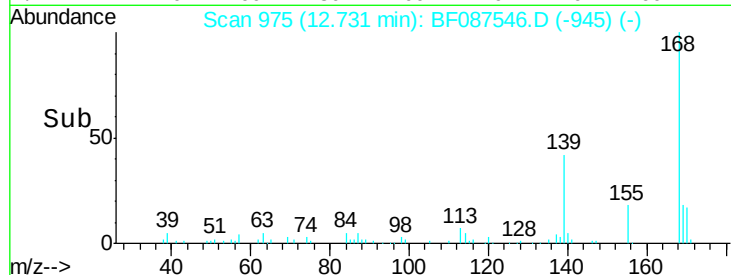
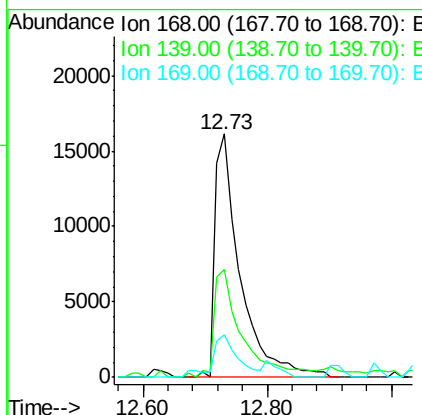
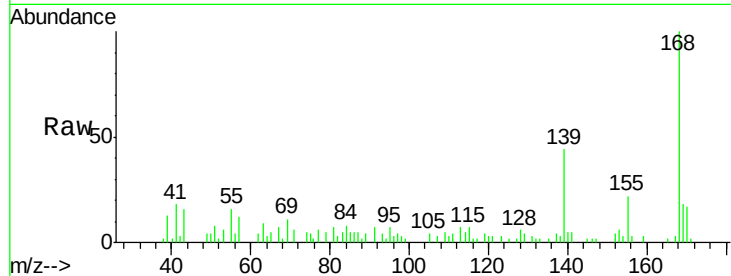




#54
Dibenzenofuran
Concen: 2.40 ng
RT: 12.73 min Scan# 975
Delta R.T. 0.05 min
Lab File: BF087546.D
Acq: 30 May 2016 12:29

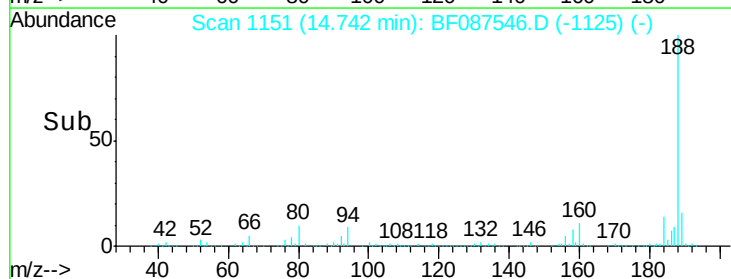
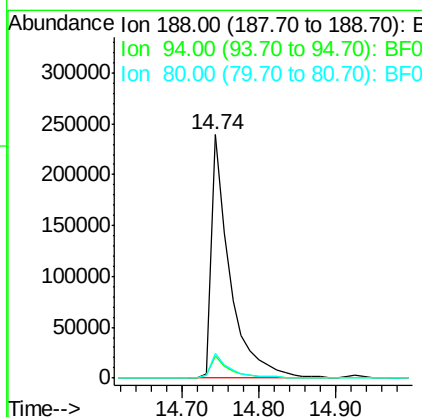
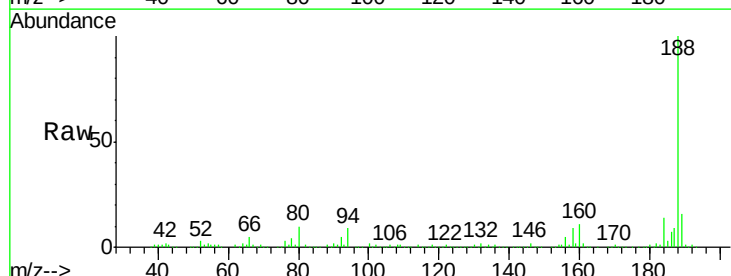
Instrument :
BNA_F
ClientSampleId :
R1-MW3-GW

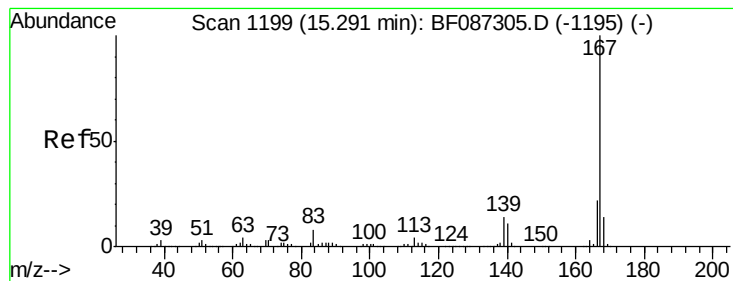
Tot Ion:168 Resp: 44825
Ion Ratio Lower Upper
168 100
139 44.4 31.4 47.0
169 17.6 10.7 16.1#



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.74 min Scan# 1151
Delta R.T. -0.00 min
Lab File: BF087546.D
Acq: 30 May 2016 12:29

Tgt Ion:188 Resp: 401077
Ion Ratio Lower Upper
188 100
94 9.2 6.8 10.2
80 10.0 7.1 10.7





#72

Carbazole

Concen: 12.14 ng

RT: 15.18 min Scan# 1189

Delta R.T. 0.01 min

Lab File: BF087546.D

Acq: 30 May 2016 12:29

Instrument :

BNA_F

ClientSampleId :

R1-MW3-GW

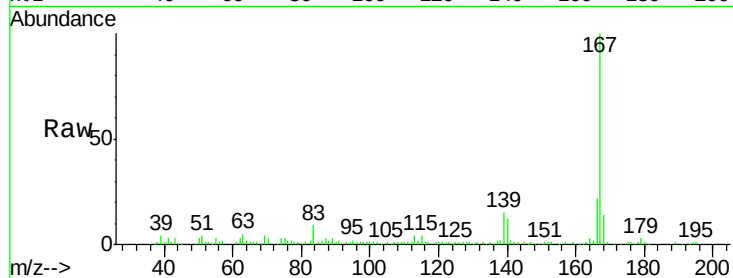
Tot Ion:167 Resp: 232417

Ion Ratio Lower Upper

167 100

166 21.9 17.7 26.5

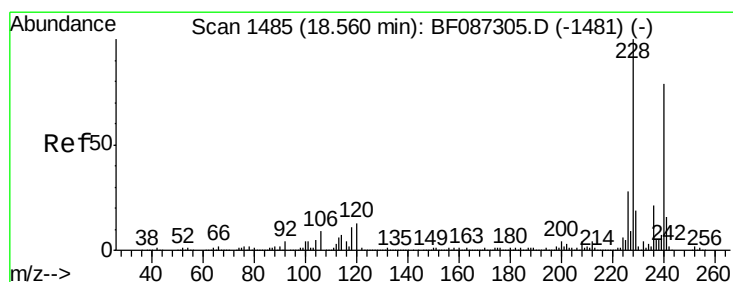
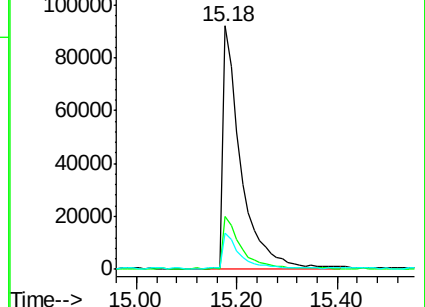
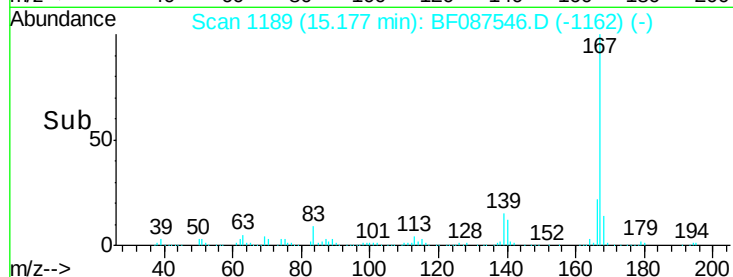
139 15.0 10.8 16.2



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#75

Chrysene-d12

Concen: 20.00 ng

RT: 18.47 min Scan# 1477

Delta R.T. 0.02 min

Lab File: BF087546.D

Acq: 30 May 2016 12:29

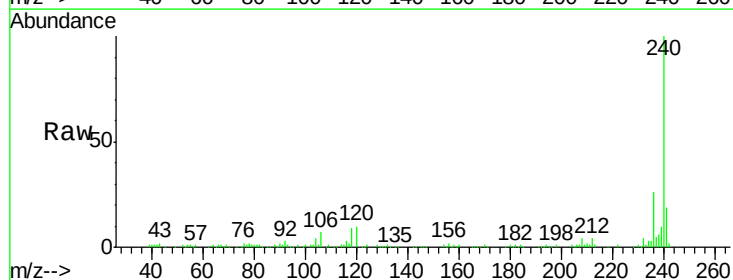
Tgt Ion:240 Resp: 266785

Ion Ratio Lower Upper

240 100

120 9.5 11.2 16.8#

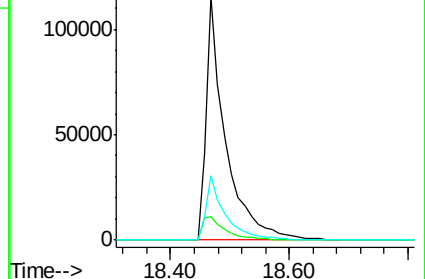
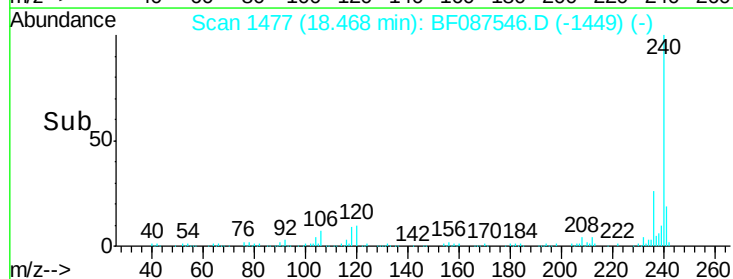
236 26.3 21.2 31.8

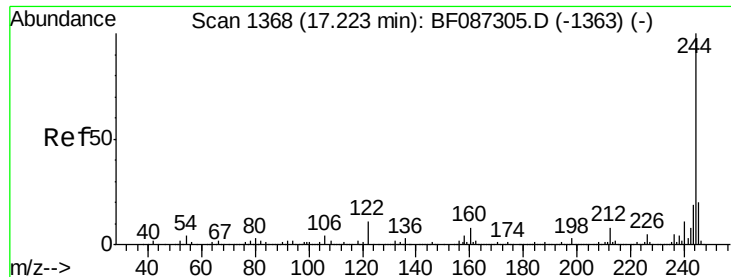


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 89.55 ng

RT: 17.09 min Scan# 1356

Delta R.T. -0.01 min

Lab File: BF087546.D

Acq: 30 May 2016 12:29

Instrument :

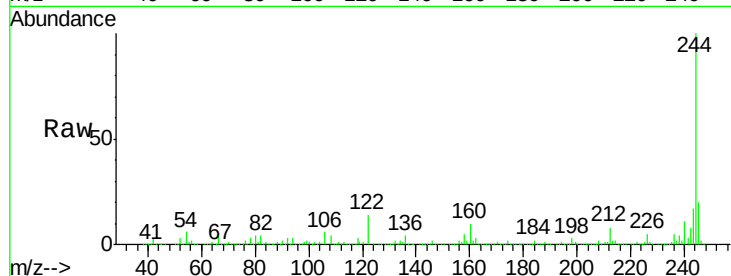
BNA_F

ClientSampleId :

R1-MW3-GW

Tot Ion:244 Resp: 1123761

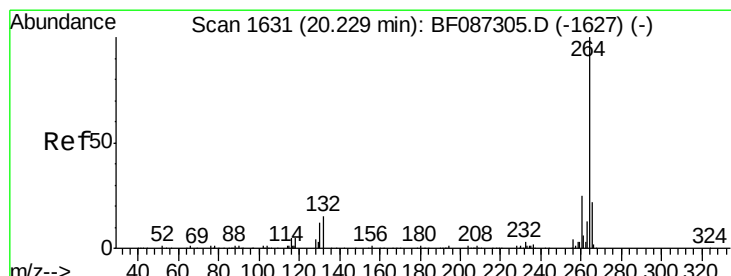
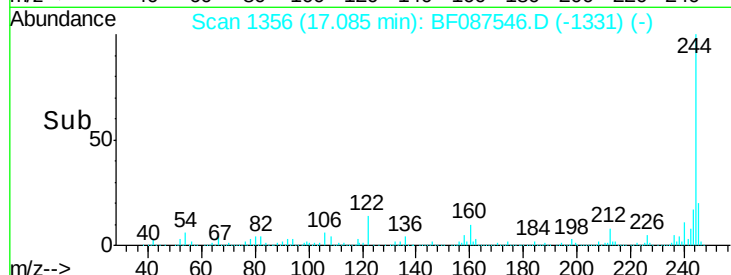
Ion	Ratio	Lower	Upper
244	100		
212	8.3	6.2	9.2
122	14.3	12.0	18.0



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: 20.00 ng

RT: 20.15 min Scan# 1624

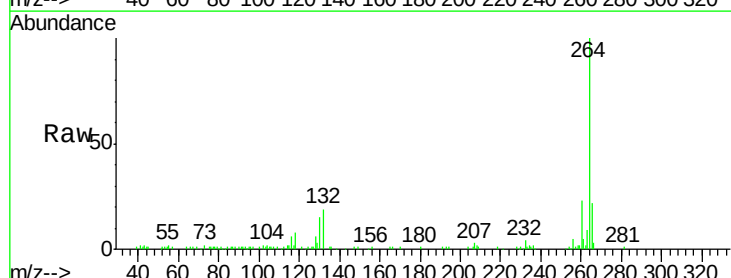
Delta R.T. 0.02 min

Lab File: BF087546.D

Acq: 30 May 2016 12:29

Tgt Ion:264 Resp: 240431

Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.5	29.3
265	22.1	17.3	25.9



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

