

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF121417\
 Data File : BF101422.D
 Acq On : 15 Dec 2017 4:17
 Operator : SJ/JU
 Sample : I6888-04
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EPE-122-2(30-32)

Quant Time: Dec 15 07:38:16 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 14 15:42:32 2017
 Response via : Initial Calibration

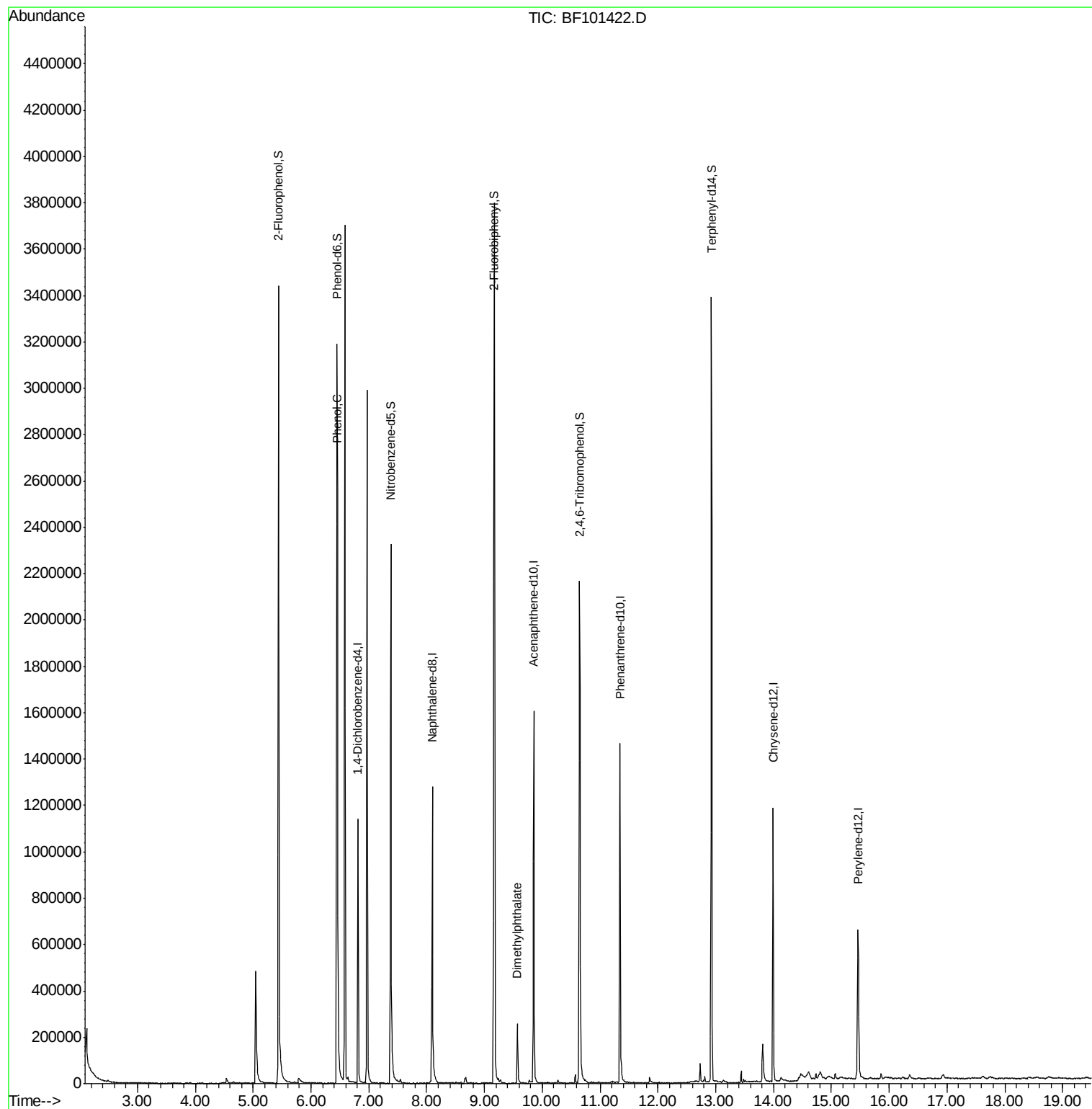
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	176005	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	721968	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	323724	20.00	ng	0.00
63) Phenanthrene-d10	11.35	188	629219	20.00	ng	0.00
75) Chrysene-d12	13.99	240	433900	20.00	ng	-0.01
86) Perylene-d12	15.46	264	343860	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	1090234	92.27	ng	0.00
7) Phenol-d6	6.45	99	1340431	91.15	ng	0.00
23) Nitrobenzene-d5	7.38	82	873665	67.36	ng	0.00
41) 2,4,6-Tribromophenol	10.65	330	307774	98.67	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	1382334	66.24	ng	0.00
78) Terphenyl-d14	12.93	244	1243663	69.10	ng	0.00
Target Compounds						
10) Phenol	6.46	94	69077	4.121	ng	87
49) Dimethylphthalate	9.57	163	131480	5.049	ng	98

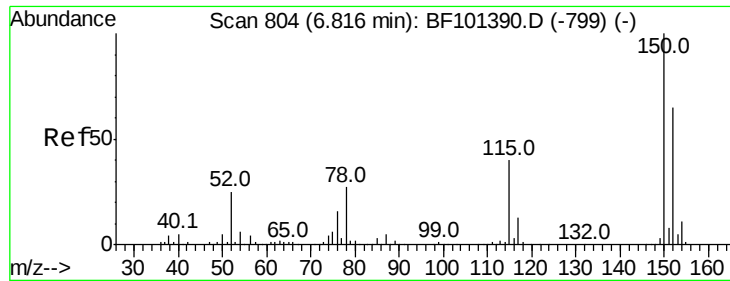
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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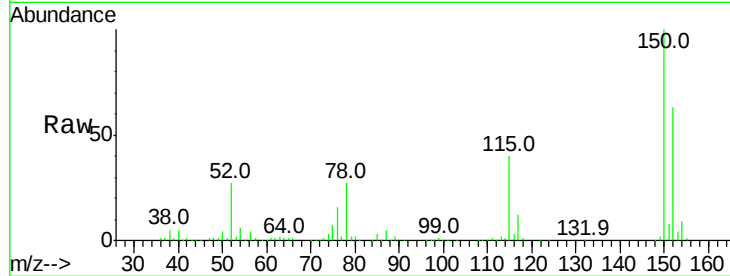


#1

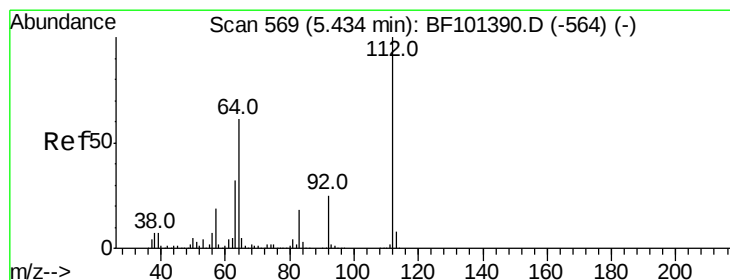
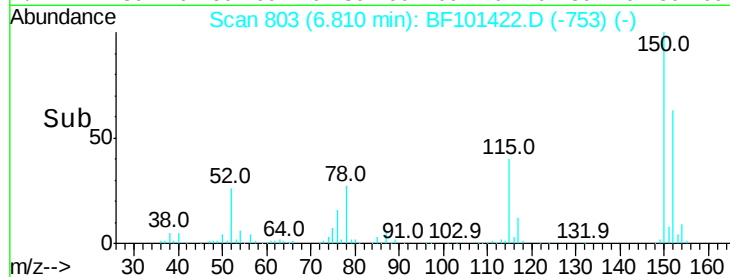
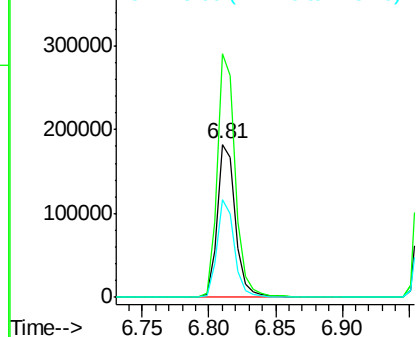
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. -0.01 min
Lab File: BF101422.D
Acq: 15 Dec 2017 4:17

Instrument :
BNA_F
ClientSampleId :
EPE-122-2(30-32)

Tot Ion:152 Resp: 176005
Ion Ratio Lower Upper
152 100
150 159.2 124.6 186.8
115 63.8 50.1 75.1



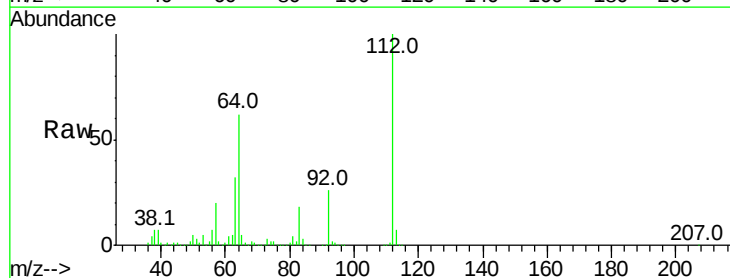
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



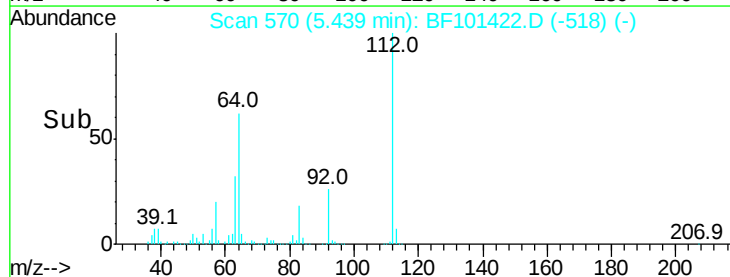
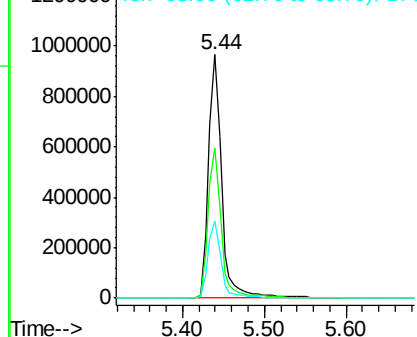
#5

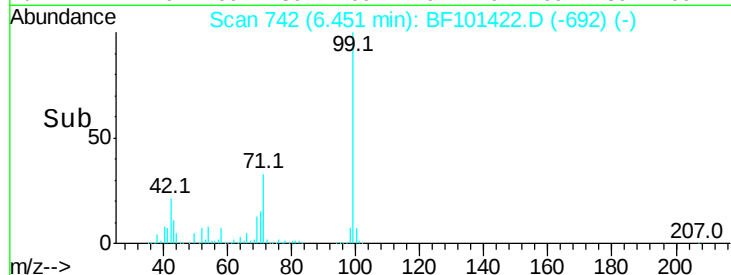
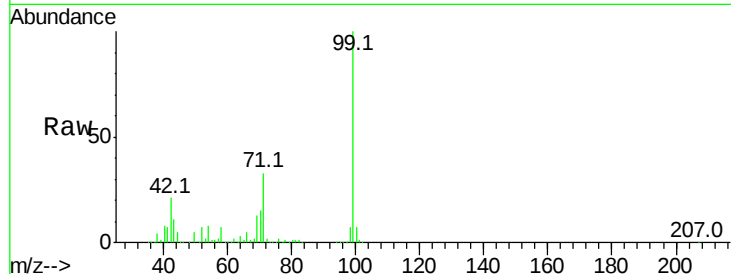
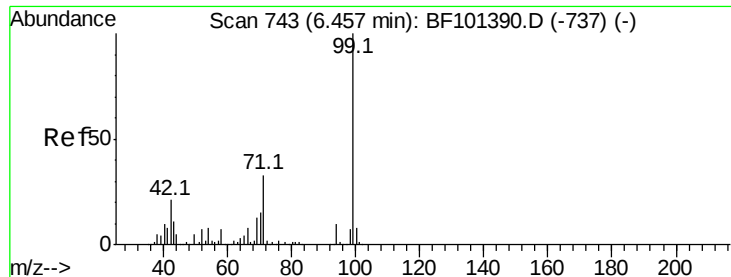
2-Fluorophenol
Concen: 92.270 ng
RT: 5.44 min Scan# 570
Delta R.T. 0.01 min
Lab File: BF101422.D
Acq: 15 Dec 2017 4:17

Tgt Ion:112 Resp: 1090234
Ion Ratio Lower Upper
112 100
64 61.6 47.9 71.9
63 31.8 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: 91.154 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.01 min

Lab File: BF101422.D

Acq: 15 Dec 2017 4:17

Instrument :

BNA_F

ClientSampleId :

EPE-122-2(30-32)

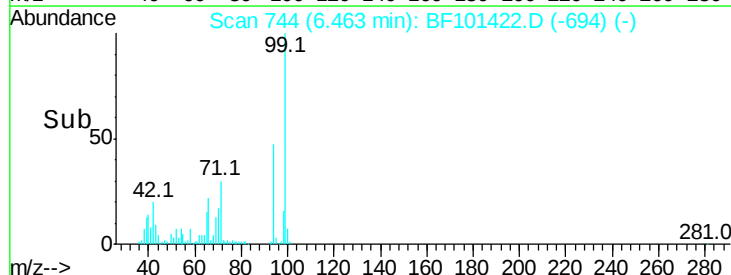
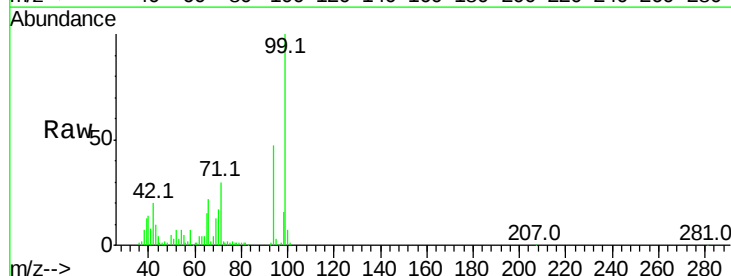
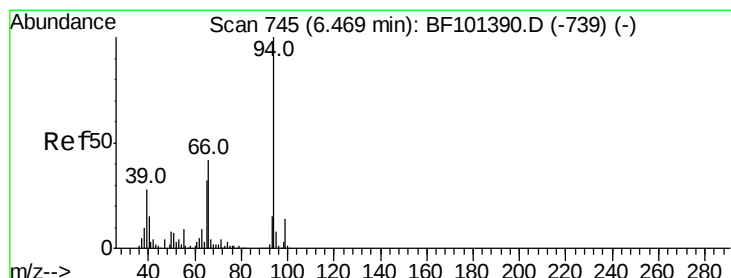
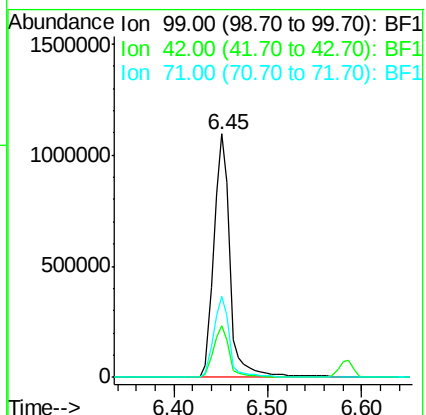
Tot Ion: 99 Resp: 1340431

Ion Ratio Lower Upper

99 100

42 21.4 14.5 21.7

71 33.4 25.4 38.0



#10

Phenol

Concen: 4.121 ng

RT: 6.46 min Scan# 744

Delta R.T. -0.01 min

Lab File: BF101422.D

Acq: 15 Dec 2017 4:17

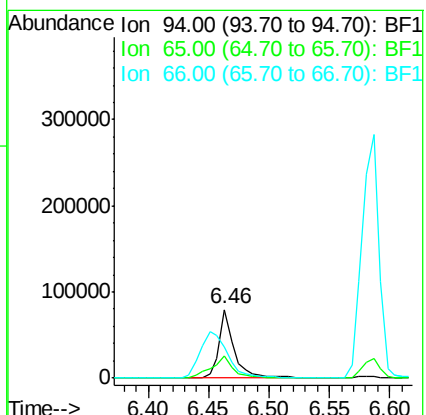
Tgt Ion: 94 Resp: 69077

Ion Ratio Lower Upper

94 100

65 31.7 7.9 47.9

66 46.1 16.2 56.2

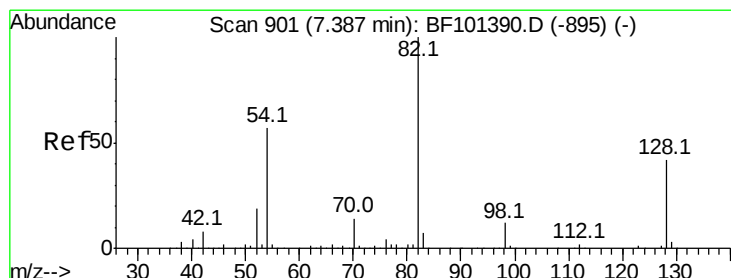
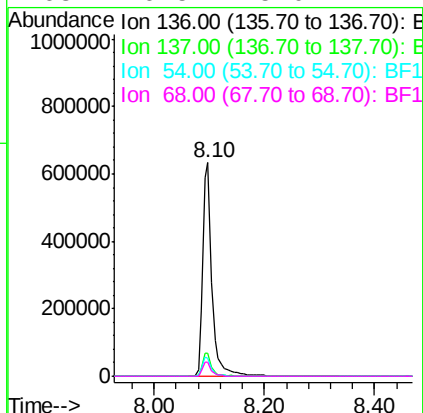
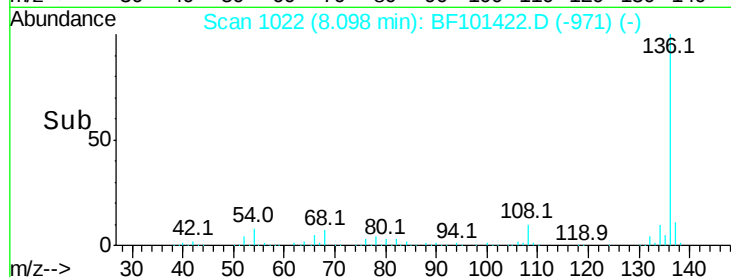
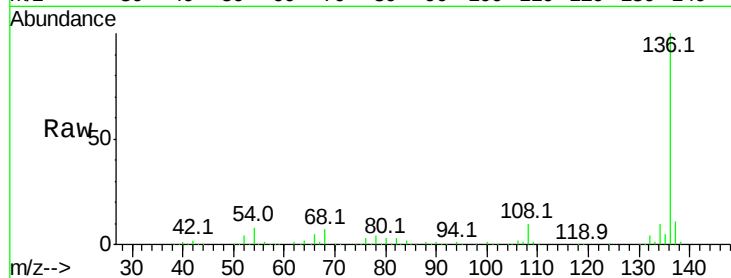




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.10 min Scan# 1022
Delta R.T. -0.00 min
Lab File: BF101422.D
Acq: 15 Dec 2017 4:17

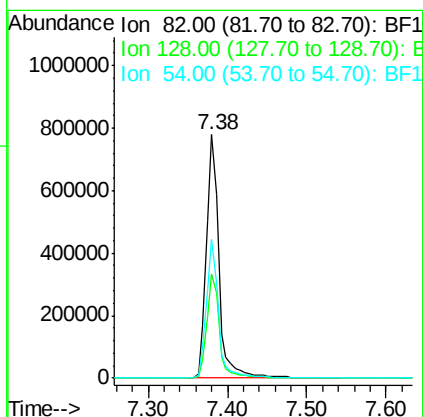
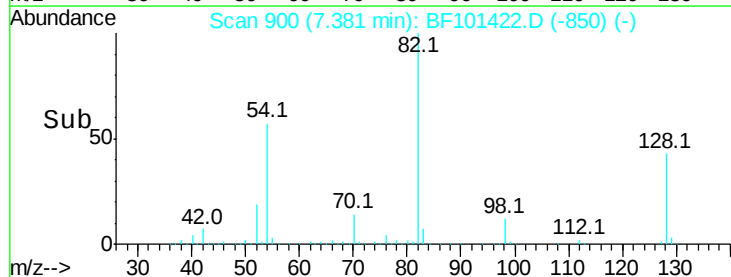
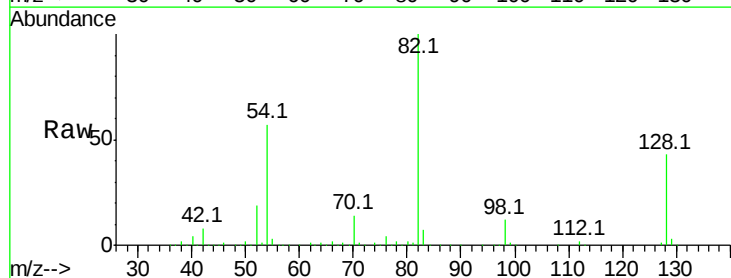
Instrument :
BNA_F
ClientSampleId :
EPE-122-2(30-32)

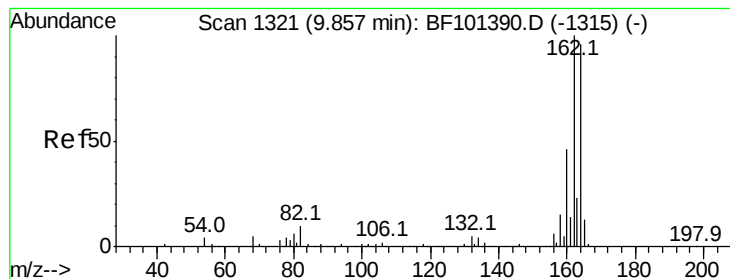
Tot Ion:	136	Resp:	721968
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.9	13.3
54	8.2	6.6	9.8
68	6.5	5.0	7.4



#23
Nitrobenzene-d5
Concen: 67.362 ng
RT: 7.38 min Scan# 900
Delta R.T. -0.01 min
Lab File: BF101422.D
Acq: 15 Dec 2017 4:17

Tgt Ion:	82	Resp:	873665
Ion	Ratio	Lower	Upper
82	100		
128	42.8	36.1	54.1
54	56.9	41.4	62.2





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.85 min Scan# 1320

Delta R.T. -0.01 min

Lab File: BF101422.D

Acq: 15 Dec 2017 4:17

Instrument :

BNA_F

ClientSampleId :

EPE-122-2(30-32)

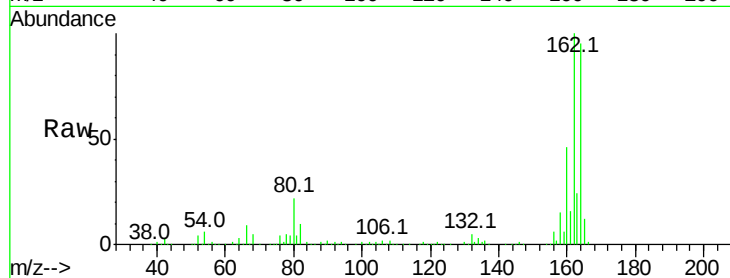
Tot Ion:164 Resp: 323724

Ion Ratio Lower Upper

164 100

162 105.7 86.1 129.1

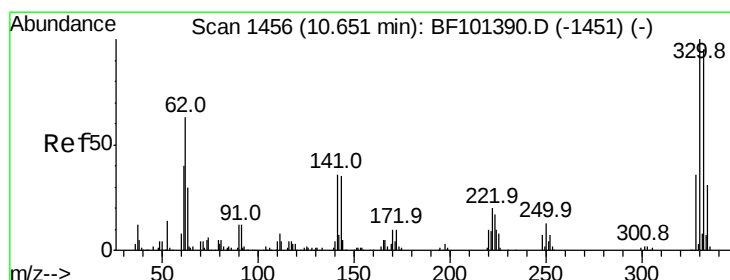
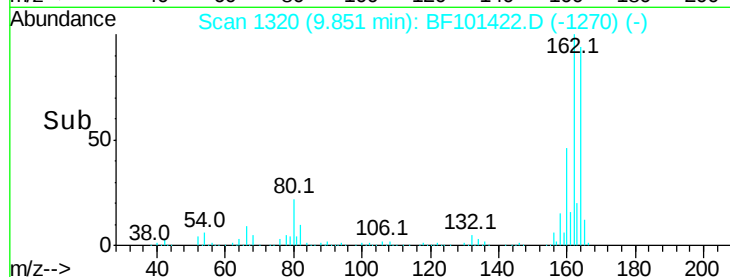
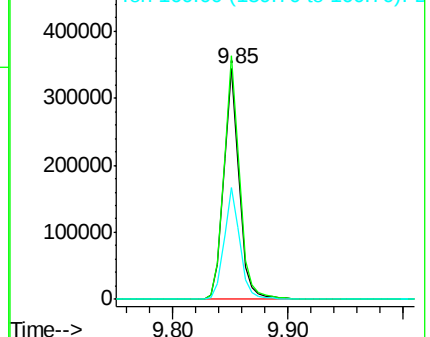
160 48.8 38.3 57.5



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: 98.667 ng

RT: 10.65 min Scan# 1455

Delta R.T. -0.01 min

Lab File: BF101422.D

Acq: 15 Dec 2017 4:17

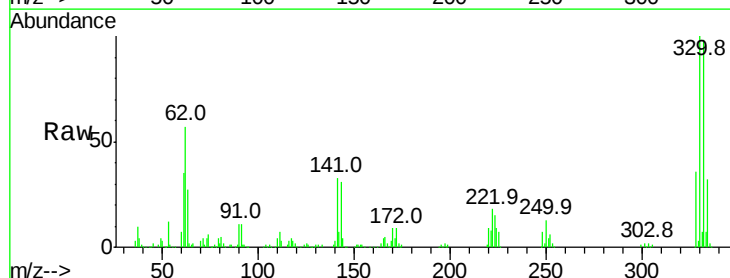
Tgt Ion:330 Resp: 307774

Ion Ratio Lower Upper

330 100

332 97.2 77.0 115.6

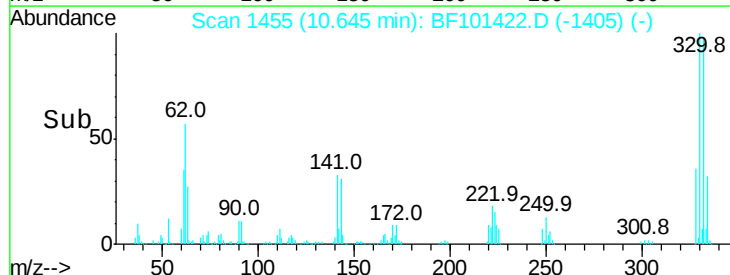
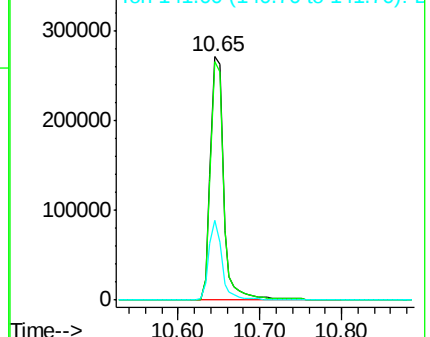
141 33.0 29.9 44.9



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

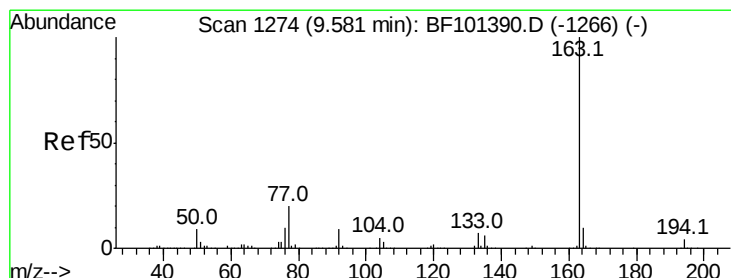
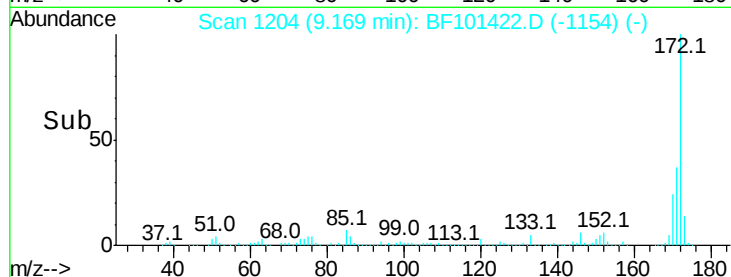
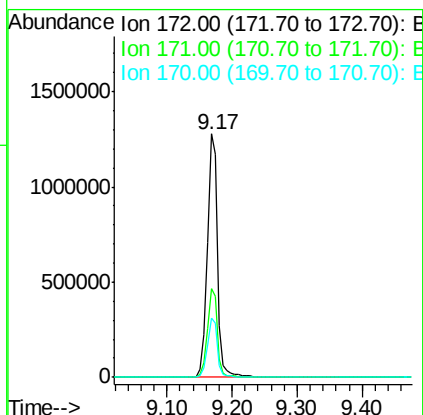
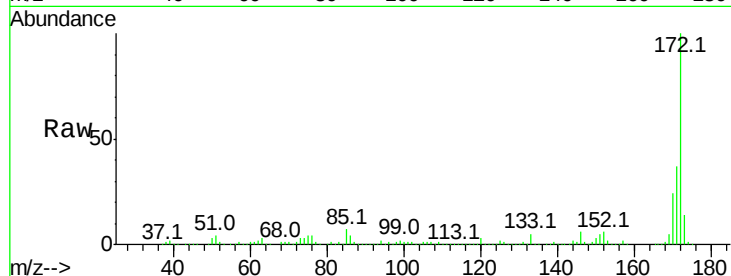




#44
2-Fluorobiphenyl
Concen: 66.240 ng
RT: 9.17 min Scan# 1204
Delta R.T. -0.01 min
Lab File: BF101422.D
Acq: 15 Dec 2017 4:17

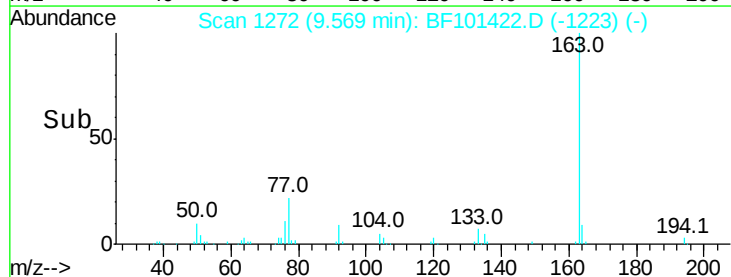
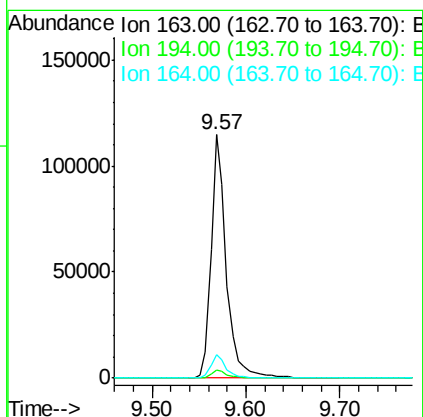
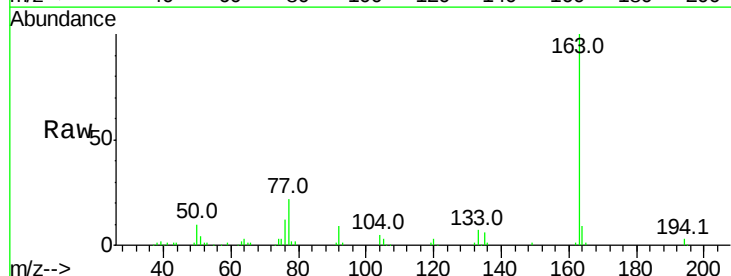
Instrument :
BNA_F
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EPE-122-2(30-32)

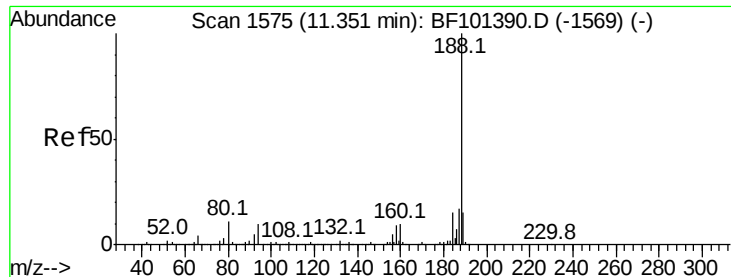
Tot Ion:172 Resp: 1382334
Ion Ratio Lower Upper
172 100
171 36.5 29.7 44.5
170 24.4 19.6 29.4



#49
Dimethylphthalate
Concen: 5.049 ng
RT: 9.57 min Scan# 1272
Delta R.T. -0.01 min
Lab File: BF101422.D
Acq: 15 Dec 2017 4:17

Tgt Ion:163 Resp: 131480
Ion Ratio Lower Upper
163 100
194 3.4 2.7 4.1
164 9.4 8.2 12.2





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.35 min Scan# 1574

Delta R.T. -0.01 min

Lab File: BF101422.D

Acq: 15 Dec 2017 4:17

Instrument :

BNA_F

ClientSampleId :

EPE-122-2(30-32)

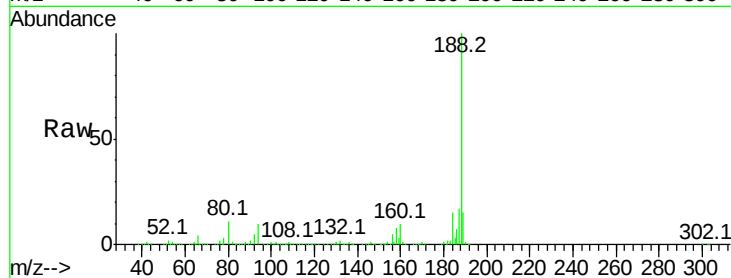
Tot Ion:188 Resp: 629219

Ion Ratio Lower Upper

188 100

94 9.7 8.5 12.7

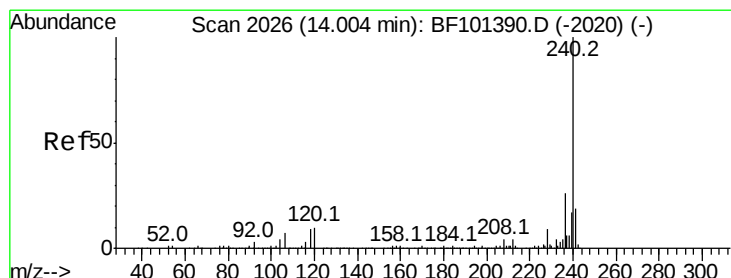
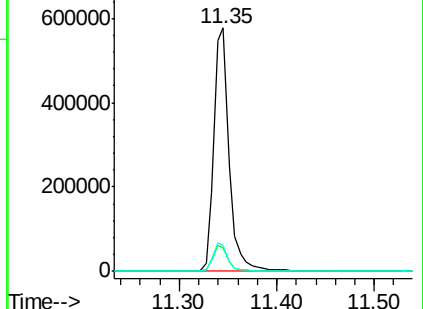
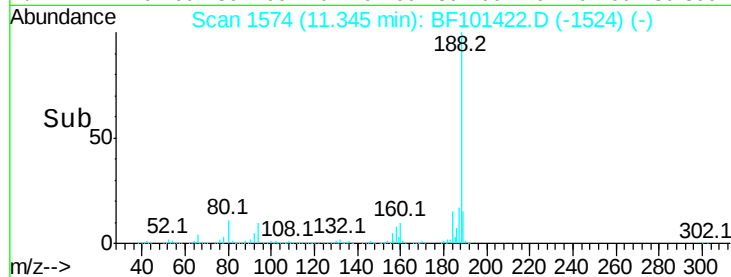
80 10.7 9.2 13.8



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



#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.99 min Scan# 2024

Delta R.T. -0.01 min

Lab File: BF101422.D

Acq: 15 Dec 2017 4:17

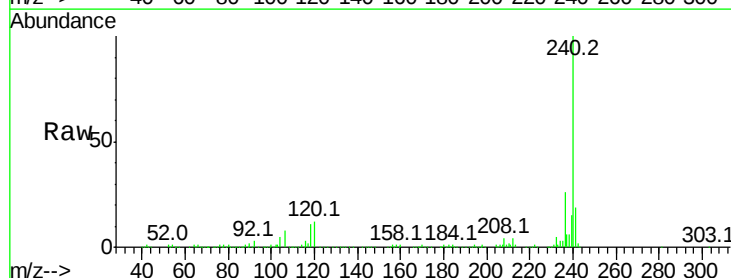
Tgt Ion:240 Resp: 433900

Ion Ratio Lower Upper

240 100

120 12.2 9.5 14.3

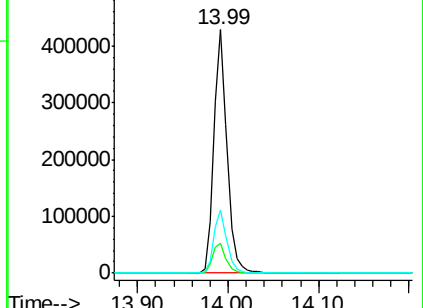
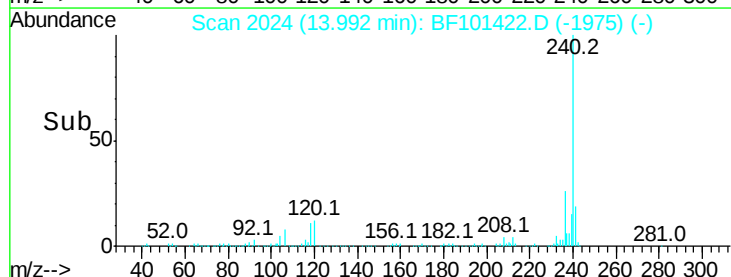
236 25.7 20.7 31.1

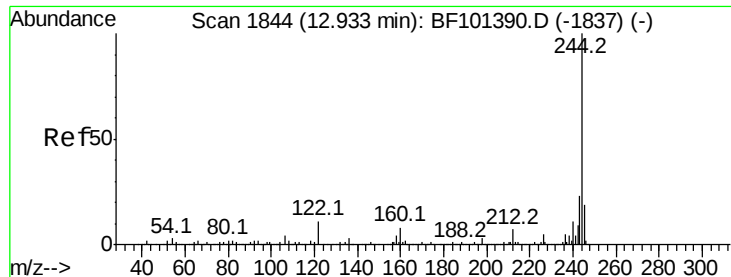


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 69.099 ng

RT: 12.93 min Scan# 1843

Delta R.T. -0.01 min

Lab File: BF101422.D

Acq: 15 Dec 2017 4:17

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ClientSampleId :

EPE-122-2(30-32)

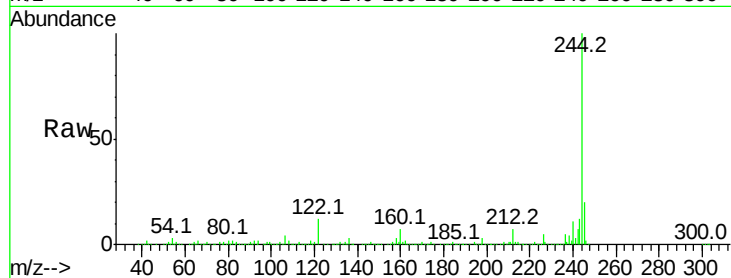
Tot Ion:244 Resp: 1243663

Ion Ratio Lower Upper

244 100

212 7.2 5.4 8.0

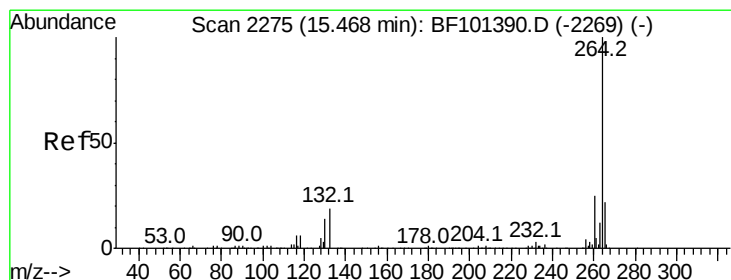
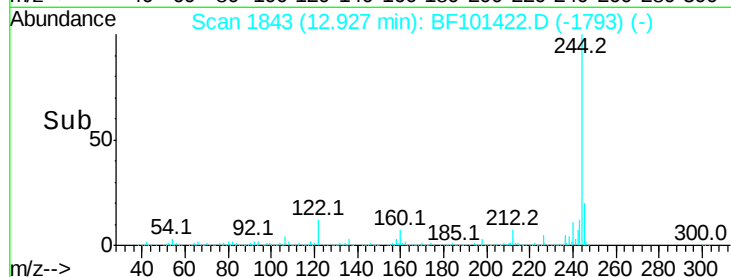
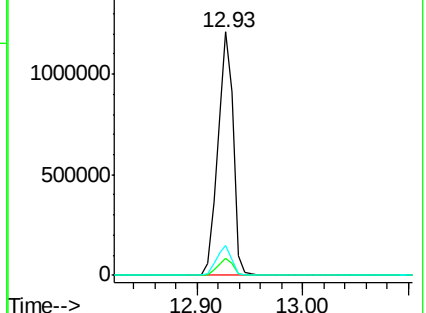
122 12.1 11.0 16.4



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: 15.46 min Scan# 2274

Delta R.T. -0.01 min

Lab File: BF101422.D

Acq: 15 Dec 2017 4:17

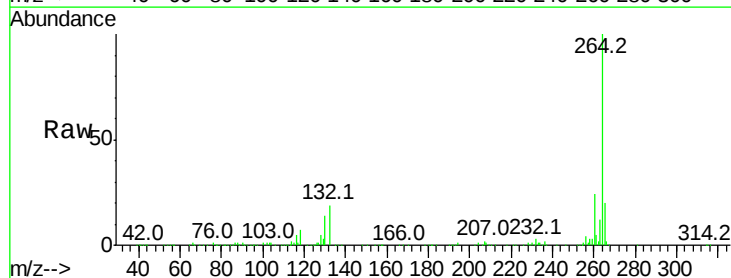
Tgt Ion:264 Resp: 343860

Ion Ratio Lower Upper

264 100

260 23.6 19.2 28.8

265 20.5 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

