

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082118\
 Data File : BM016492.D
 Acq On : 21 Aug 2018 20:17
 Operator : SJ/JU
 Sample : J4553-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EPE-P-9(20-22)

Quant Time: Aug 21 23:35:12 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM082118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 21 16:31:22 2018
 Response via : Initial Calibration

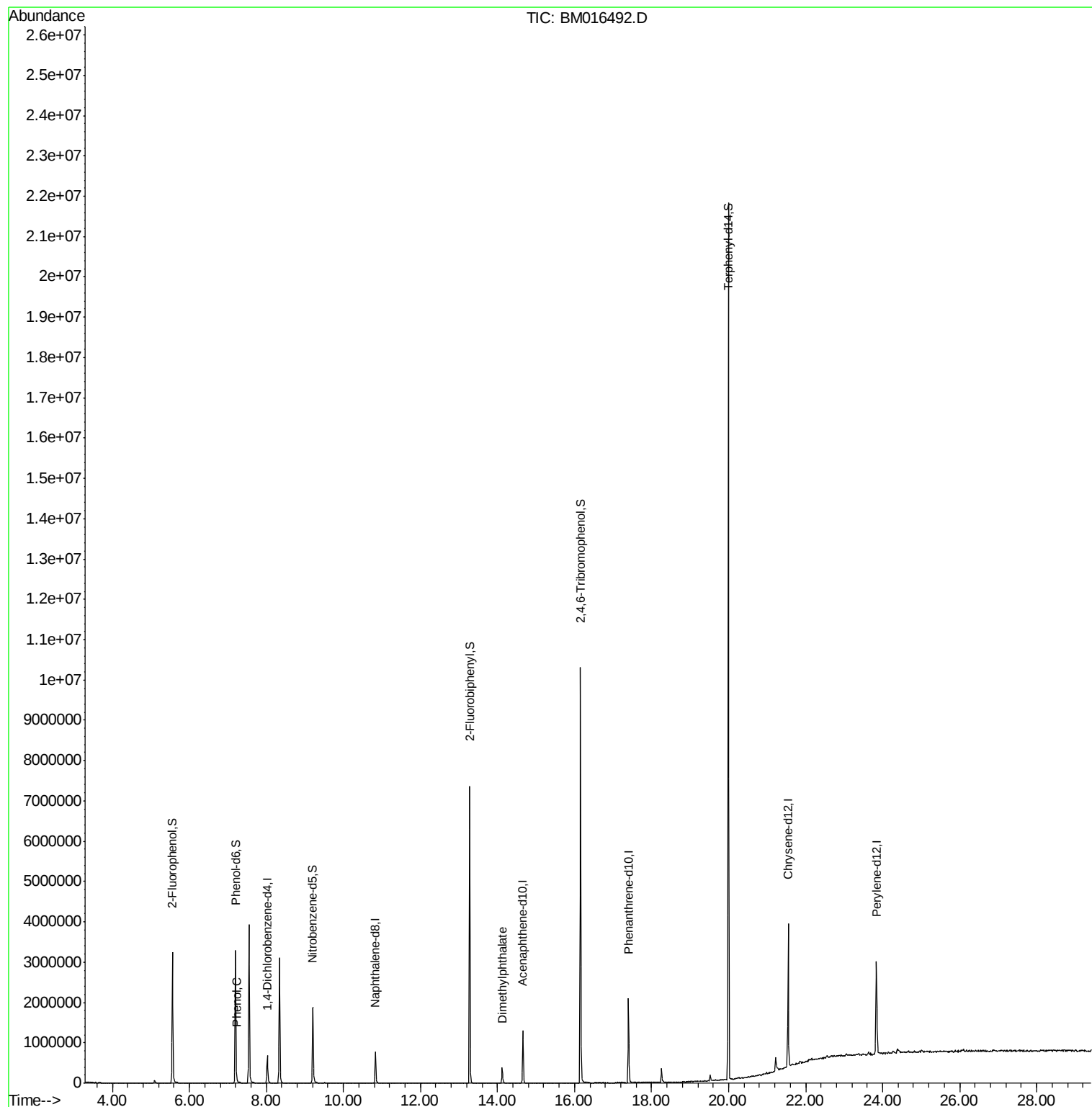
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	157737	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	533422	20.00	ng	0.00
38) Acenaphthene-d10	14.66	164	365854	20.00	ng	0.00
63) Phenanthrene-d10	17.40	188	1139714	20.00	ng	0.00
75) Chrysene-d12	21.54	240	1532064	20.00	ng	0.00
86) Perylene-d12	23.83	264	1772422	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	1105175	137.30	ng	0.00
7) Phenol-d6	7.20	99	1376800	129.26	ng	0.00
23) Nitrobenzene-d5	9.20	82	1082200	92.63	ng	0.00
41) 2,4,6-Tribromophenol	16.16	330	1636525	160.02	ng	0.00
44) 2-Fluorobiphenyl	13.28	172	3121194	82.00	ng	0.00
78) Terphenyl-d14	19.99	244	8126142	112.26	ng	0.00
Target Compounds						
10) Phenol	7.23	94	21287	2.021	ng	82
49) Dimethylphthalate	14.12	163	237553	6.759	ng	# 98

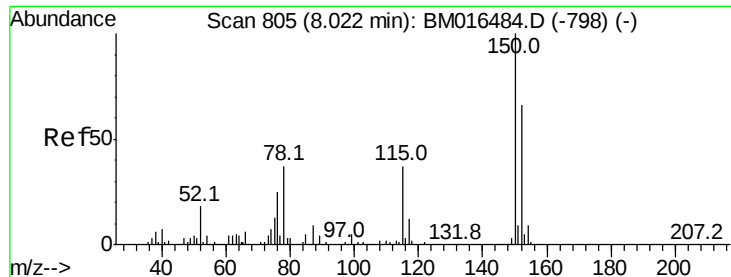
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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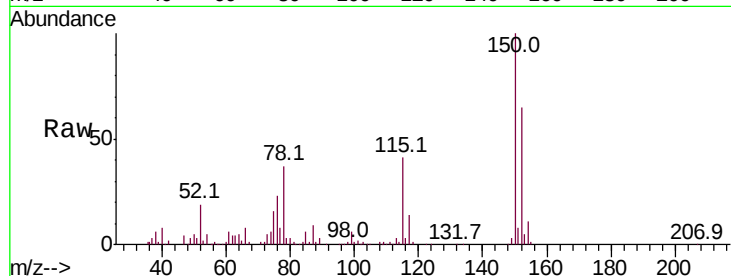


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.02 min Scan# 805
Delta R.T. 0.00 min
Lab File: BM016492.D
Acq: 21 Aug 2018 20:17

Instrument :
BNA_M
ClientSampleId :
EPE-P-9(20-22)

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.8	119.5	179.3
115	63.0	43.0	64.4

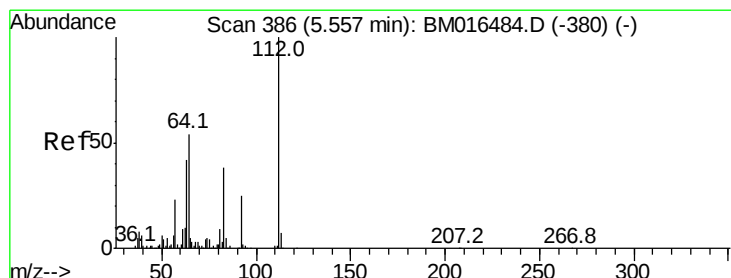
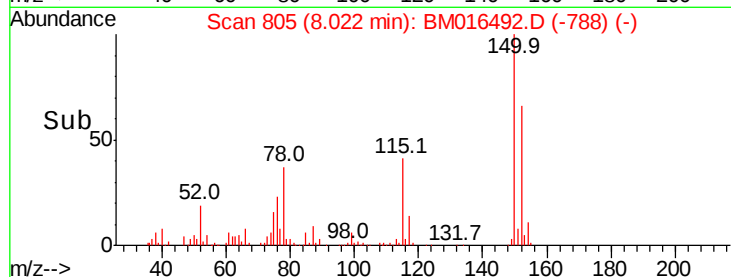
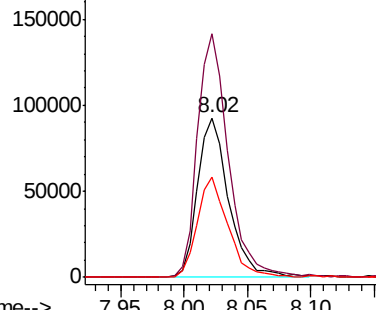


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

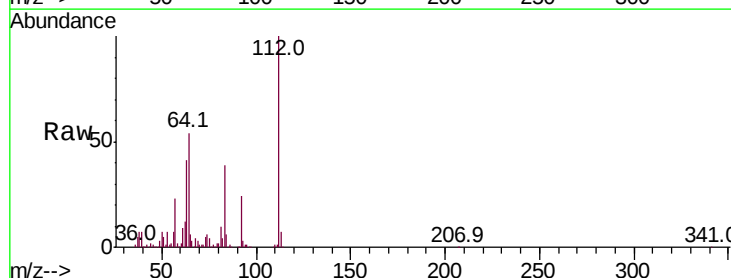
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: Below ng
RT: 5.56 min Scan# 386
Delta R.T. 0.00 min
Lab File: BM016492.D
Acq: 21 Aug 2018 20:17

Tgt Ion	Ratio	Lower	Upper
112	100		
64	53.5	38.6	57.8
63	41.2	19.3	28.9

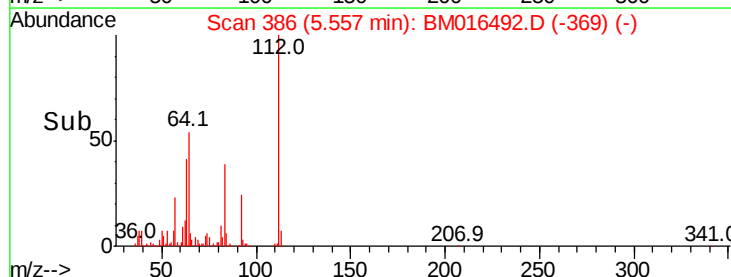
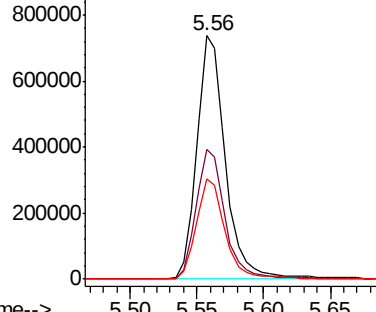


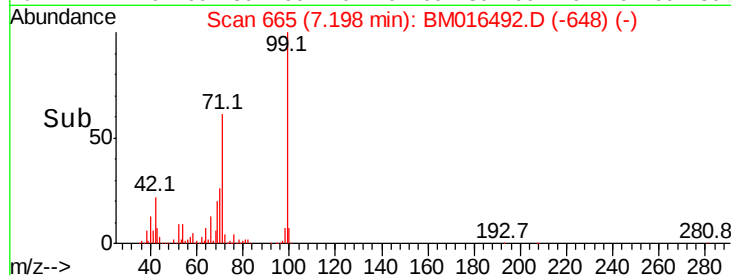
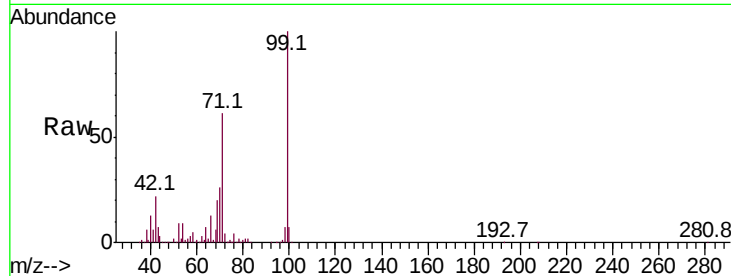
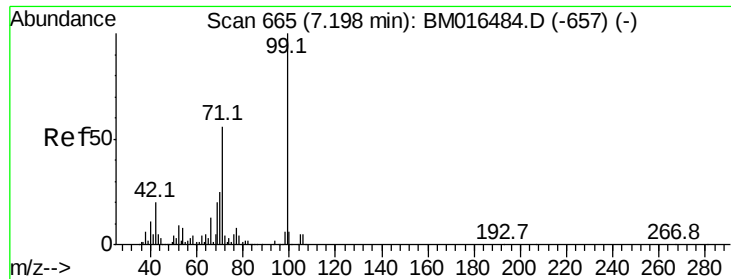
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BM

Ion 63.00 (62.70 to 63.70): BM





#7

Phenol-d6

Concen: N.D. ng

RT: 7.20 min Scan# 665

Delta R.T. 0.00 min

Lab File: BM016492.D

Acq: 21 Aug 2018 20:17

Instrument :

BNA_M

ClientSampleId :

EPE-P-9(20-22)

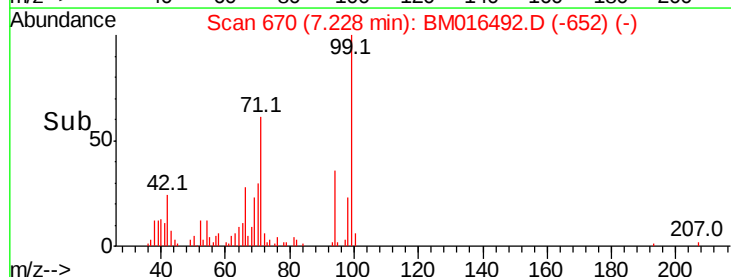
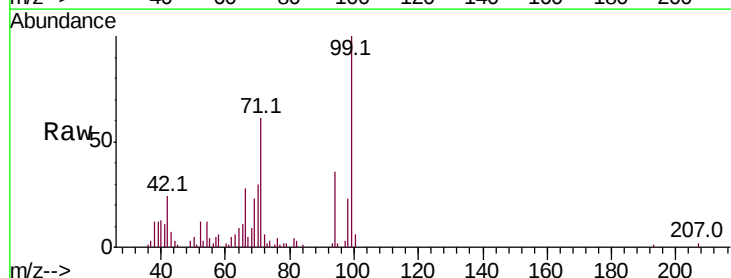
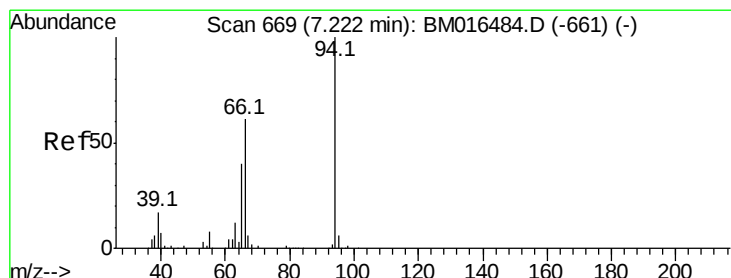
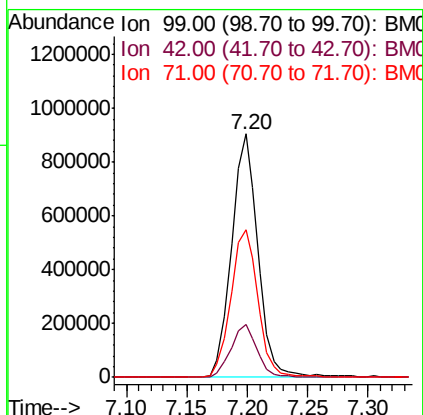
Tot Ion: 99 Resp: 1376800

Ion Ratio Lower Upper

99 100

42 21.7 11.0 16.4#

71 60.7 23.4 35.2#



#10

Phenol

Concen: 2.021 ng

RT: 7.23 min Scan# 670

Delta R.T. 0.01 min

Lab File: BM016492.D

Acq: 21 Aug 2018 20:17

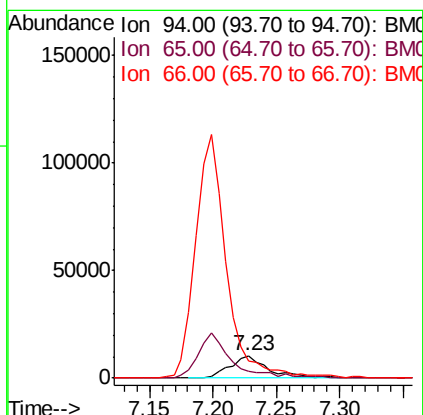
Tgt Ion: 94 Resp: 21287

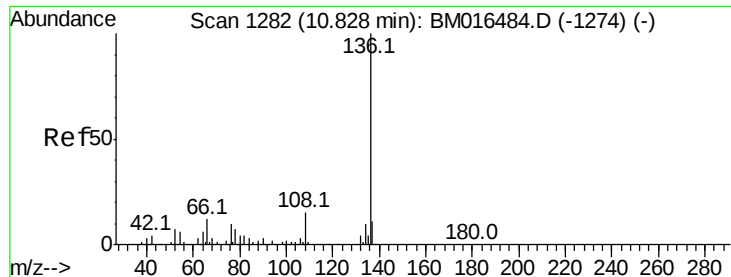
Ion Ratio Lower Upper

94 100

65 31.7 18.8 58.8

66 76.4 39.9 79.9

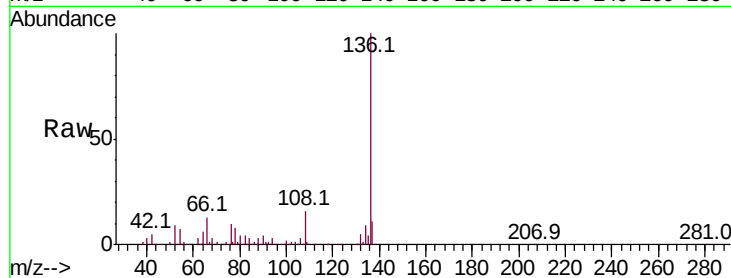




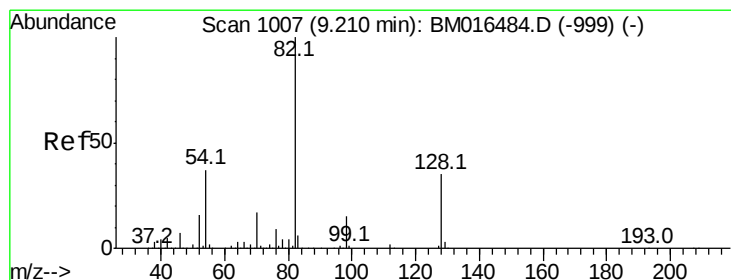
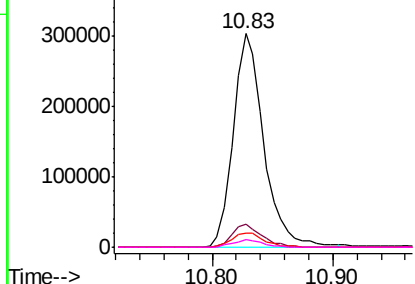
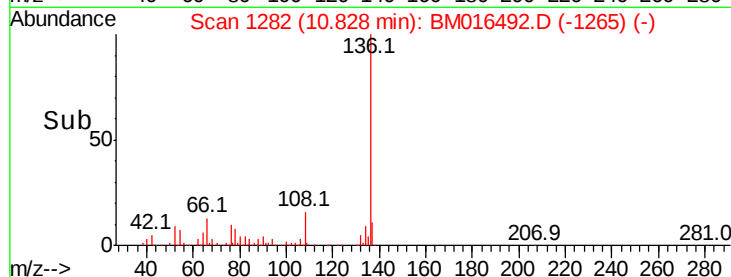
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.83 min Scan# 1282
Delta R.T. 0.00 min
Lab File: BM016492.D
Acq: 21 Aug 2018 20:17

Instrument :
BNA_M
ClientSampleId :
EPE-P-9(20-22)

Tot Ion:136	Resp: 533422
Ion Ratio	Lower Upper
136 100	
137 10.7	8.7 13.1
54 6.8	4.6 6.8
68 3.4	3.7 5.5#

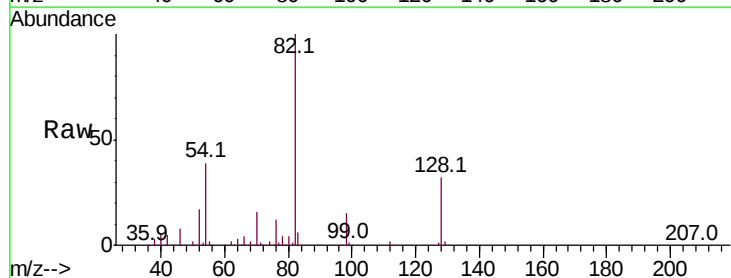


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BM
Ion 68.00 (67.70 to 68.70): BM

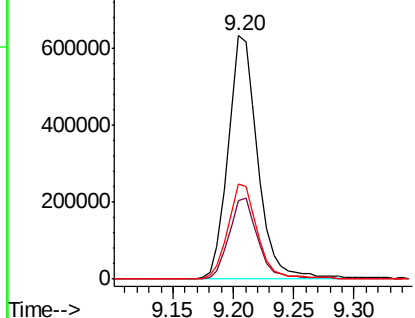
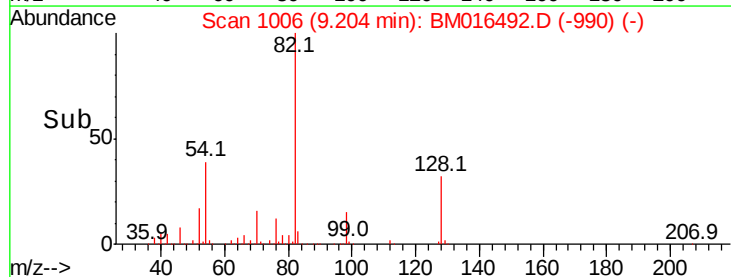


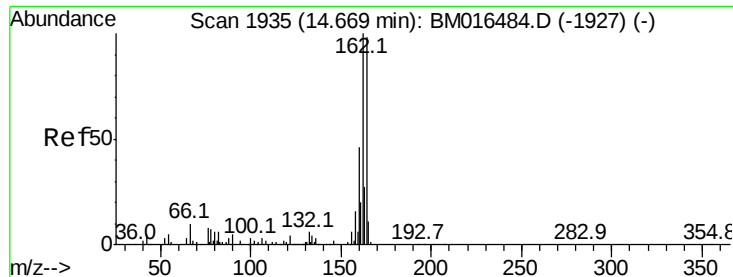
#23
Nitrobenzene-d5
Concen: N.D. ng
RT: 9.20 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BM016492.D
Acq: 21 Aug 2018 20:17

Tgt Ion: 82	Resp: 1082200
Ion Ratio	Lower Upper
82 100	
128 32.3	32.8 49.2#
54 39.1	40.6 60.8#



Abundance Ion 82.00 (81.70 to 82.70): BM
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BM





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.66 min Scan# 1934

Delta R.T. -0.01 min

Lab File: BM016492.D

Acq: 21 Aug 2018 20:17

Instrument :

BNA_M

ClientSampleId :

EPE-P-9(20-22)

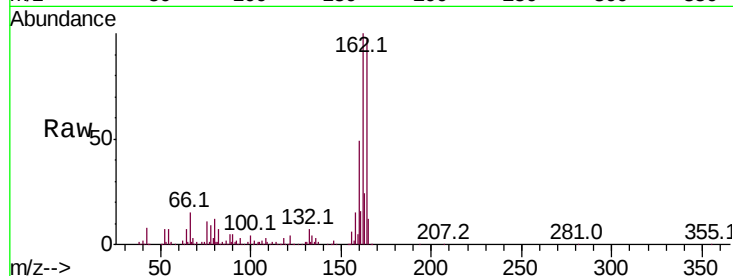
Tot Ion:164 Resp: 365854

Ion Ratio Lower Upper

164 100

162 103.6 82.4 123.6

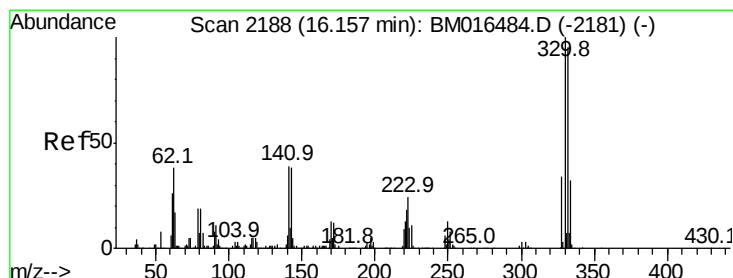
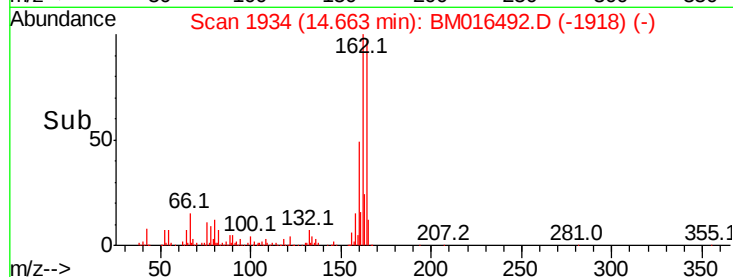
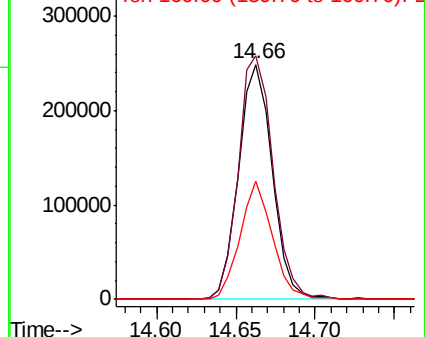
160 50.3 35.8 53.6



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: N.D. ng

RT: 16.16 min Scan# 2188

Delta R.T. 0.00 min

Lab File: BM016492.D

Acq: 21 Aug 2018 20:17

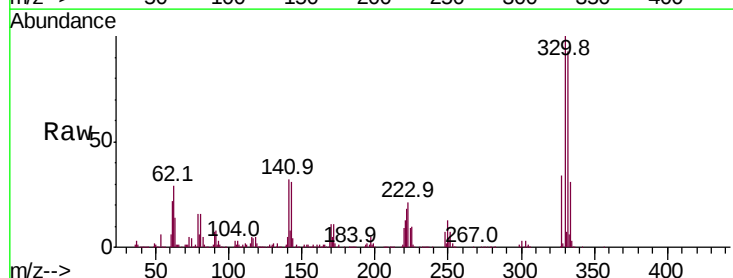
Tgt Ion:330 Resp: 1636525

Ion Ratio Lower Upper

330 100

332 95.6 0.0 0.0#

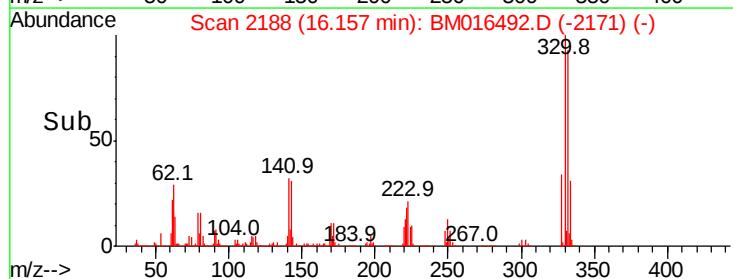
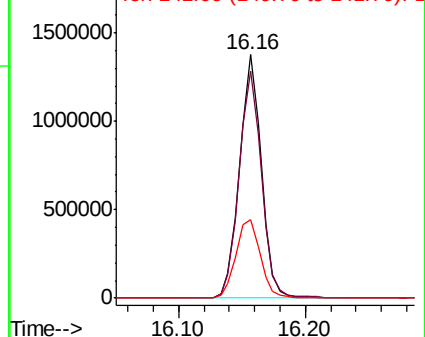
141 36.1 0.0 0.0#



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

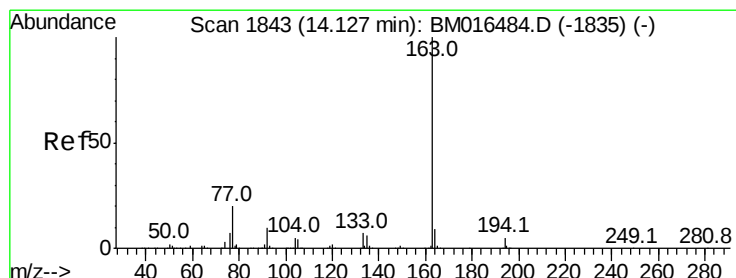
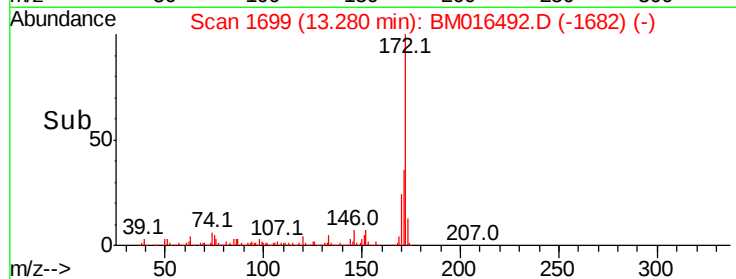
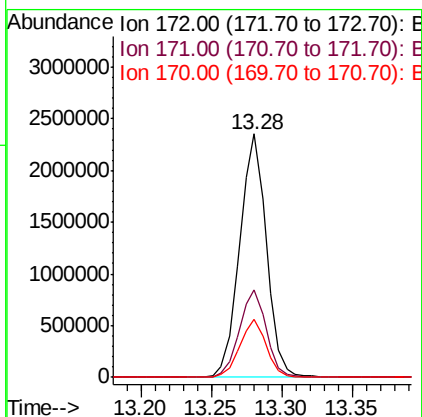
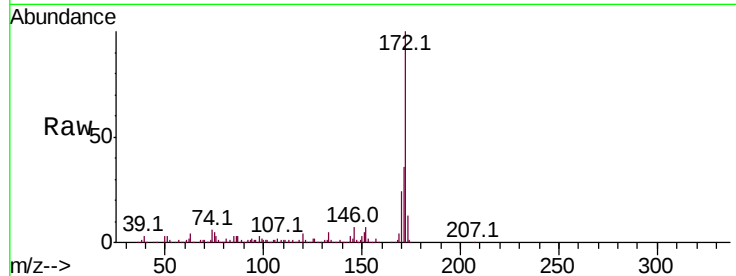




#44
2-Fluorobiphenyl
Concen: N.D. ng
RT: 13.28 min Scan# 1699
Delta R.T. 0.00 min
Lab File: BM016492.D
Acq: 21 Aug 2018 20:17

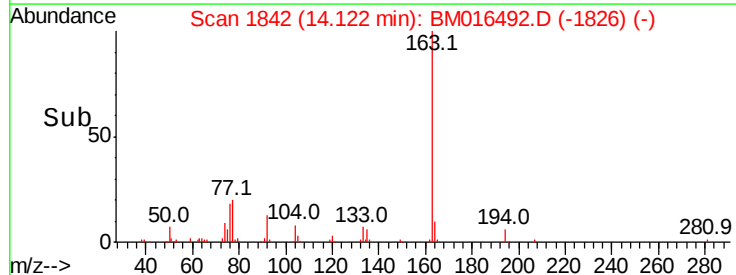
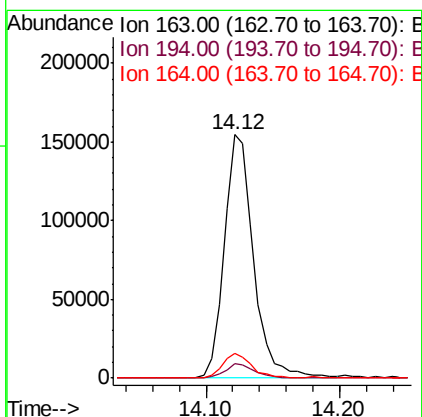
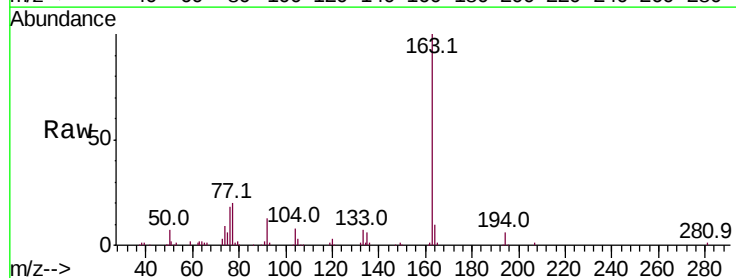
Instrument :
BNA_M
ClientSampleId :
EPE-P-9(20-22)

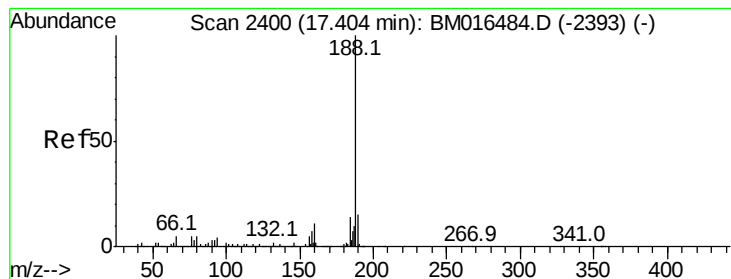
Tot Ion:172 Resp: 3121194
Ion Ratio Lower Upper
172 100
171 36.0 28.5 42.7
170 24.1 18.8 28.2



#49
Dimethylphthalate
Concen: 6.759 ng
RT: 14.12 min Scan# 1842
Delta R.T. -0.01 min
Lab File: BM016492.D
Acq: 21 Aug 2018 20:17

Tgt Ion:163 Resp: 237553
Ion Ratio Lower Upper
163 100
194 6.0 2.7 4.1#
164 10.1 8.2 12.2





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.40 min Scan# 2400

Delta R.T. 0.00 min

Lab File: BM016492.D

Acq: 21 Aug 2018 20:17

Instrument :

BNA_M

ClientSampleId :

EPE-P-9(20-22)

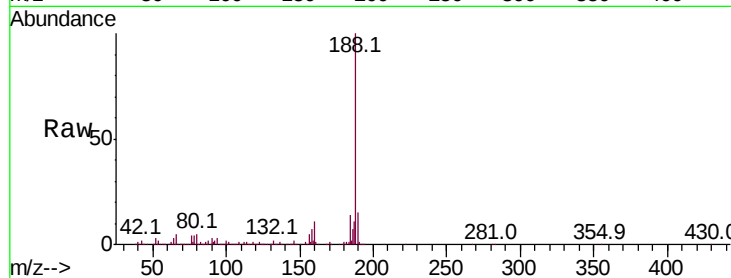
Tot Ion:188 Resp: 1139714

Ion Ratio Lower Upper

188 100

94 3.2 8.7 13.1#

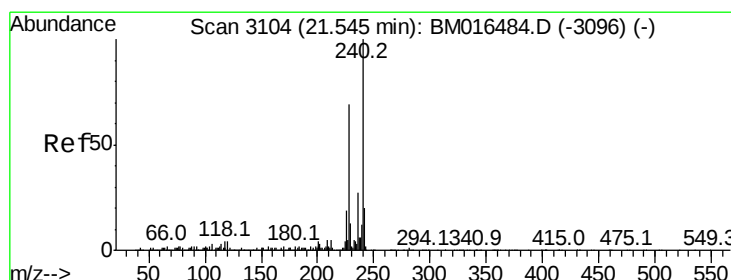
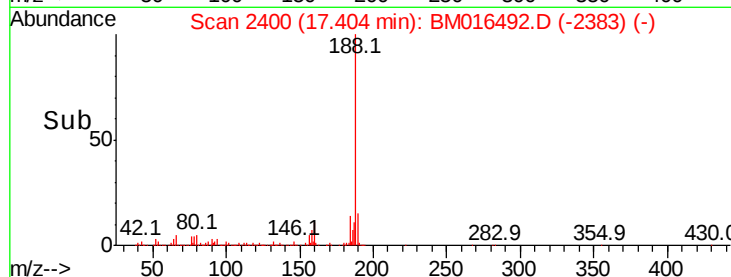
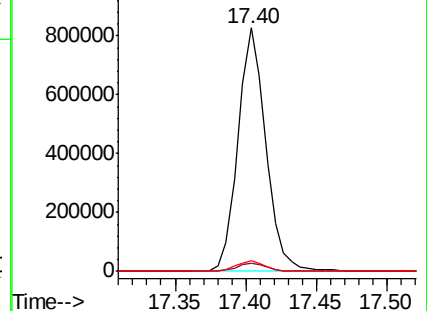
80 4.6 9.3 13.9#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM

Ion 80.00 (79.70 to 80.70): BM



#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.54 min Scan# 3104

Delta R.T. 0.00 min

Lab File: BM016492.D

Acq: 21 Aug 2018 20:17

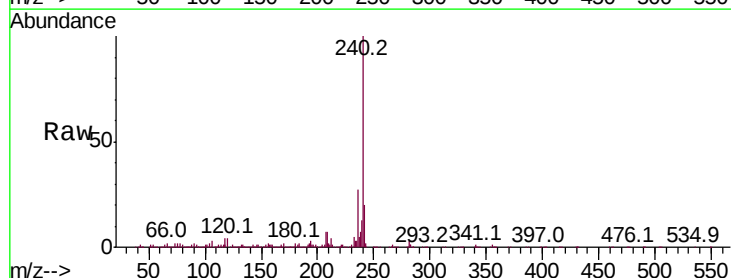
Tgt Ion:240 Resp: 1532064

Ion Ratio Lower Upper

240 100

120 3.7 8.2 12.2#

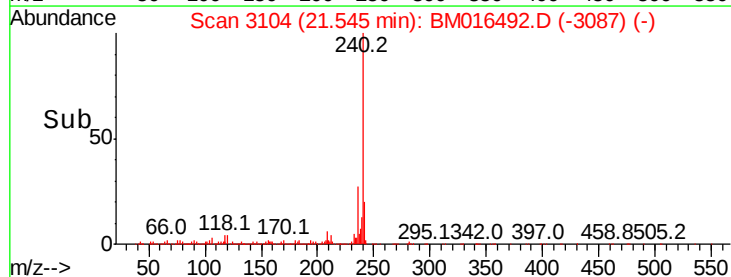
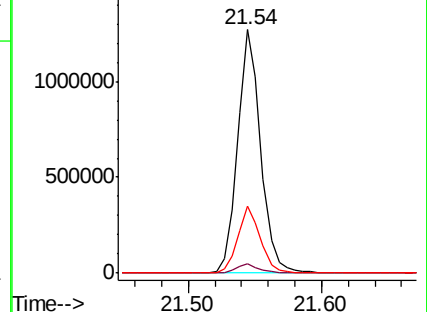
236 27.4 20.0 30.0

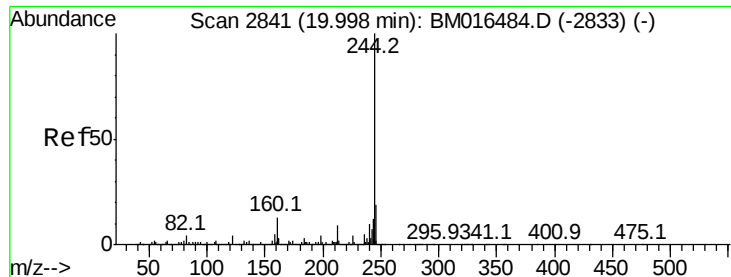


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: N.D. ng

RT: 19.99 min Scan# 2840

Delta R.T. -0.01 min

Lab File: BM016492.D

Acq: 21 Aug 2018 20:17

Instrument :

BNA_M

ClientSampleId :

EPE-P-9(20-22)

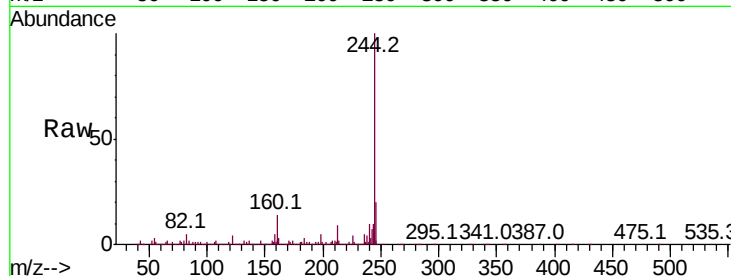
Tot Ion:244 Resp: 8126142

Ion Ratio Lower Upper

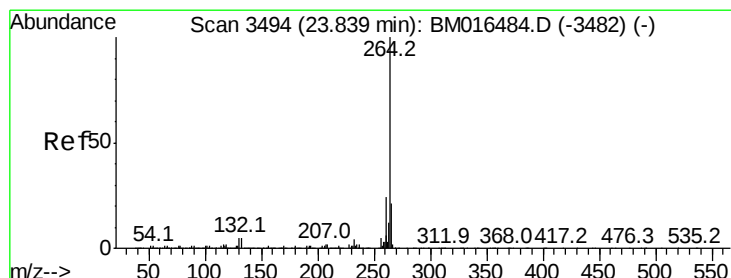
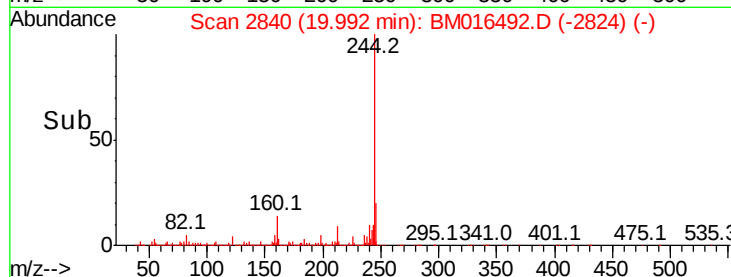
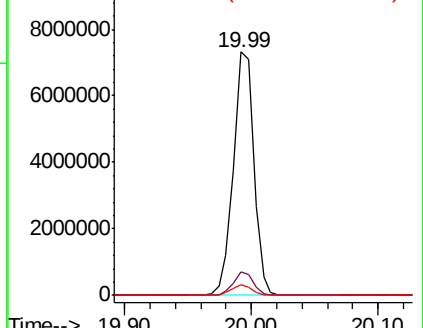
244 100

212 9.4 4.9 7.3#

122 4.1 6.2 9.4#



Abundance Ion 244.00 (243.70 to 244.70): E
1e+07 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: 23.83 min Scan# 3493

Delta R.T. -0.01 min

Lab File: BM016492.D

Acq: 21 Aug 2018 20:17

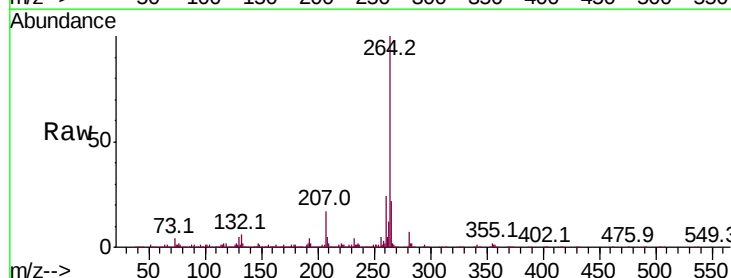
Tgt Ion:264 Resp: 1772422

Ion Ratio Lower Upper

264 100

260 23.8 18.6 27.8

265 21.8 17.3 25.9



Abundance Ion 264.00 (263.70 to 264.70): E
1200000 Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

