

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120618\
 Data File : BF111132.D
 Acq On : 6 Dec 2018 12:24
 Operator : JU/SJ
 Sample : J6206-17
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HLSP-SB-3A-(0-2)

Quant Time: Dec 06 14:06:21 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 06 13:41:03 2018
 Response via : Initial Calibration

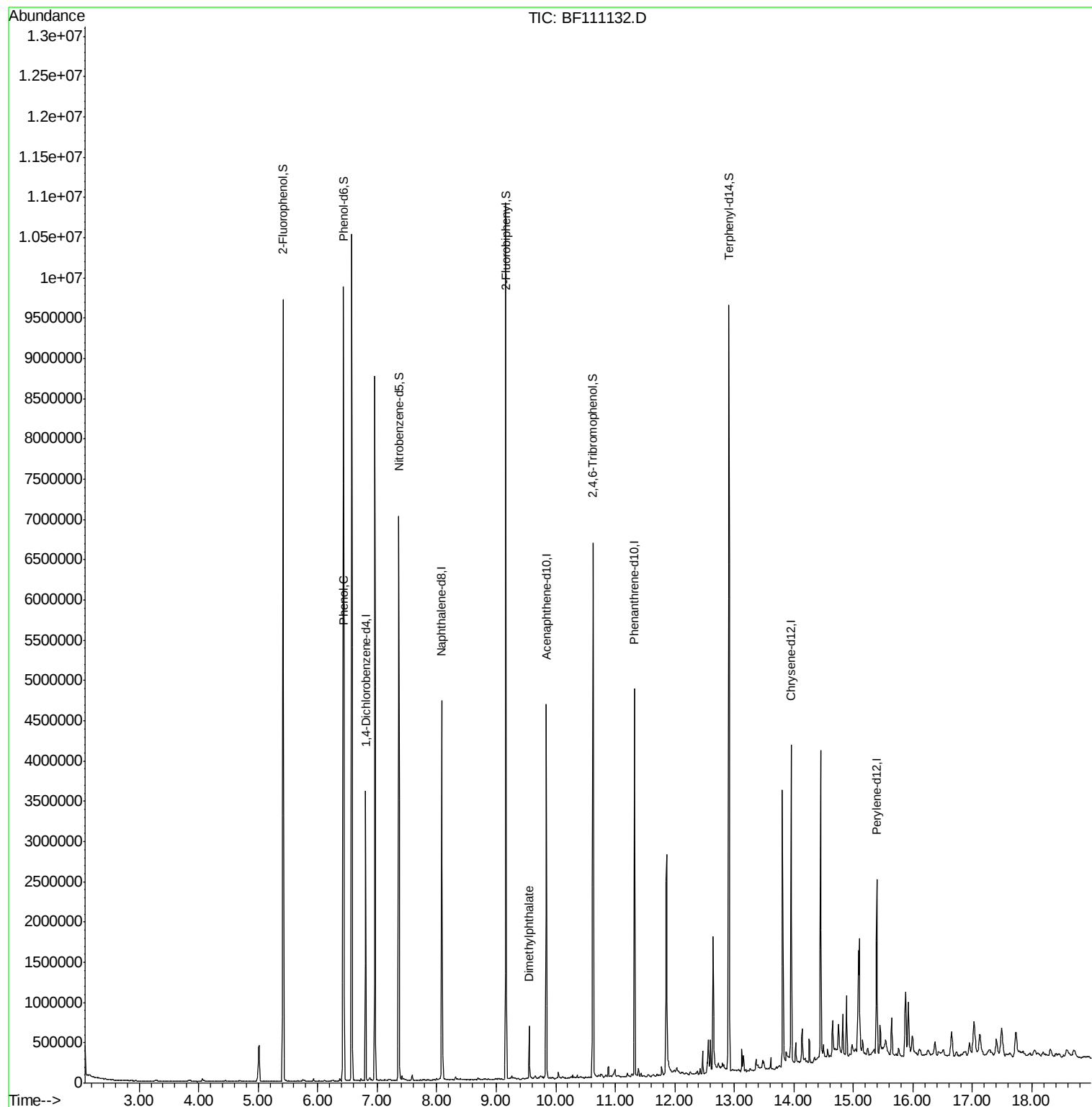
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	466485	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	1854064	20.00	ng	0.00
39) Acenaphthene-d10	9.84	164	906060	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	1599743	20.00	ng	0.00
76) Chrysene-d12	13.96	240	1146939	20.00	ng	-0.01
87) Perylene-d12	15.39	264	887415	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	2542088	85.04	ng	0.00
7) Phenol-d6	6.43	99	3181525	82.62	ng	0.00
23) Nitrobenzene-d5	7.36	82	2025391	64.67	ng	-0.01
42) 2,4,6-Tribromophenol	10.63	330	678519	94.21	ng	0.00
45) 2-Fluorobiphenyl	9.16	172	3162943	60.47	ng	0.00
79) Terphenyl-d14	12.91	244	2907495	51.92	ng	0.00
Target Compounds						
10) Phenol	6.45	94	202681	4.827	ng	91
50) Dimethylphthalate	9.56	163	260346	4.129	ng	98

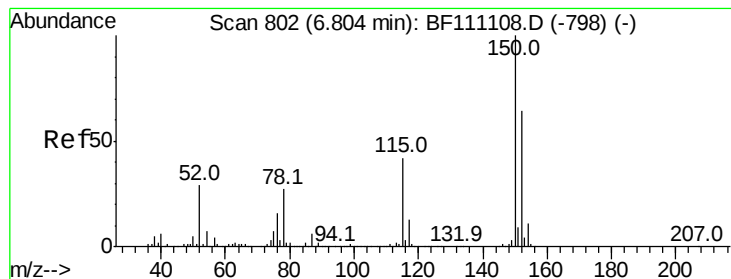
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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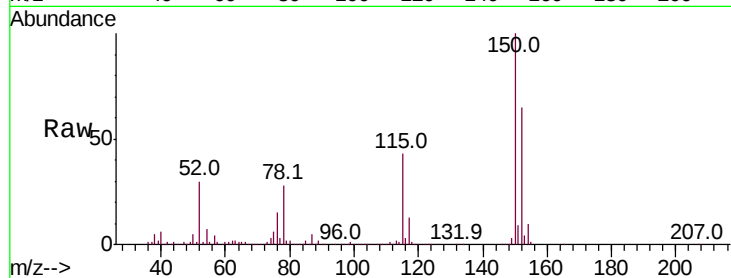


#1

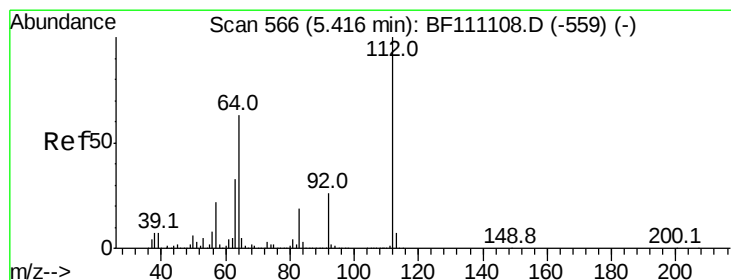
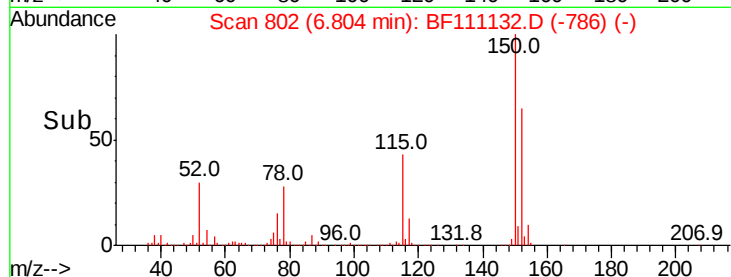
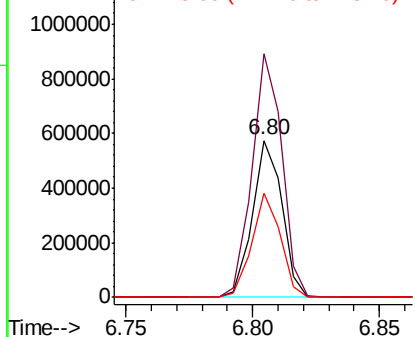
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.01 min
Lab File: BF111132.D
Acq: 6 Dec 2018 12:24

Instrument :
BNA_F
ClientSampleId :
HLSP-SB-3A-(0-2)

Tot Ion:152 Resp: 466485
Ion Ratio Lower Upper
152 100
150 155.0 124.6 187.0
115 66.2 52.2 78.2



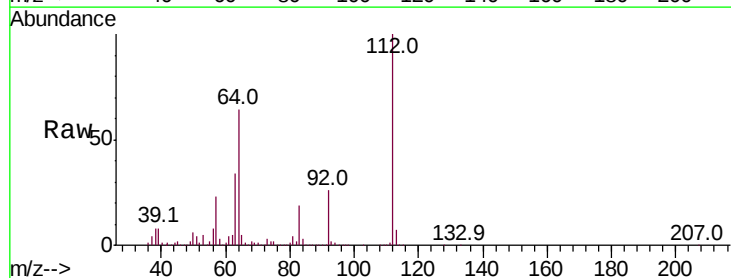
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



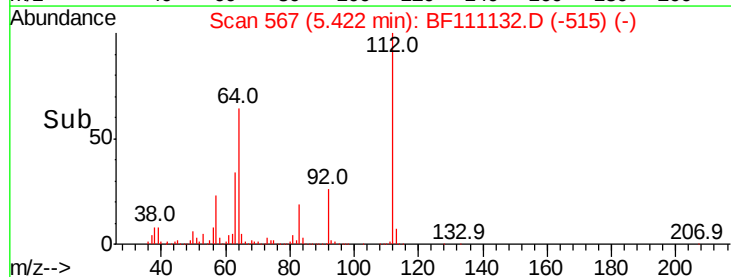
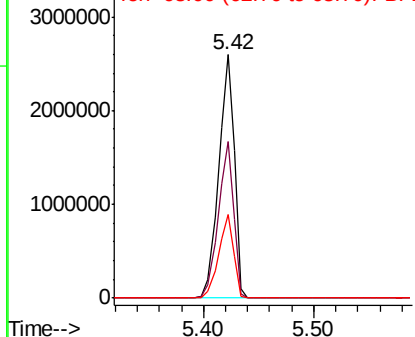
#5

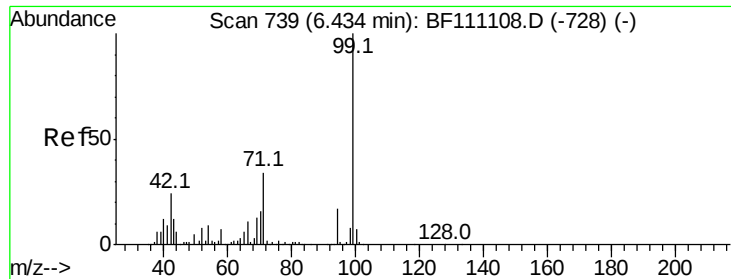
2-Fluorophenol
Concen: 85.036 ng
RT: 5.42 min Scan# 567
Delta R.T. 0.01 min
Lab File: BF111132.D
Acq: 6 Dec 2018 12:24

Tgt Ion:112 Resp: 2542088
Ion Ratio Lower Upper
112 100
64 64.2 50.2 75.4
63 34.3 26.6 39.8



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: 82.618 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF111132.D

Acq: 6 Dec 2018 12:24

Instrument :

BNA_F

ClientSampleId :

HLSP-SB-3A-(0-2)

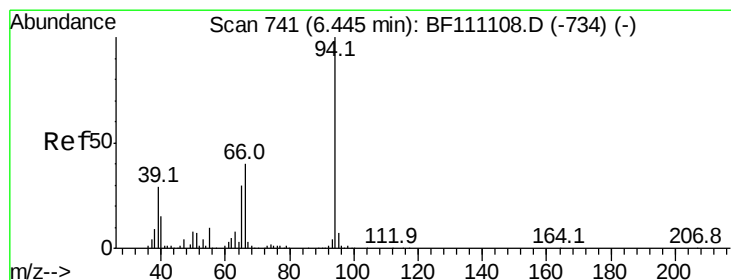
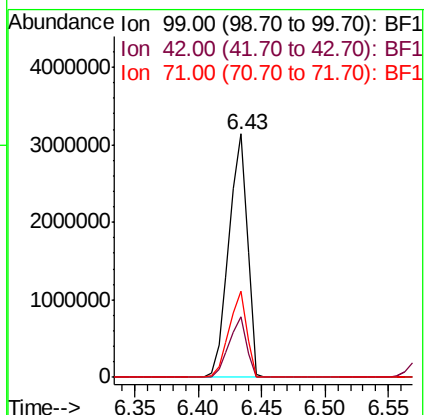
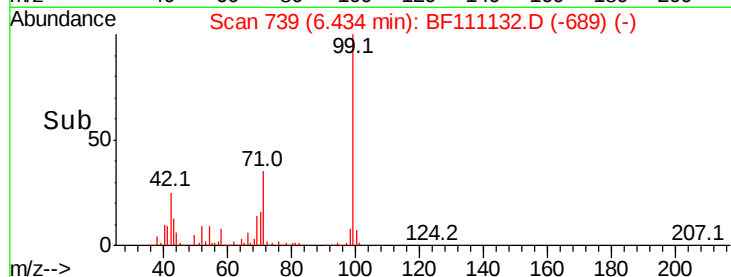
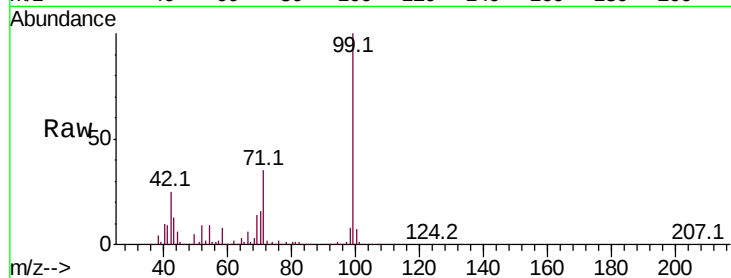
Tot Ion: 99 Resp: 3181525

Ion Ratio Lower Upper

99 100

42 25.0 19.3 28.9

71 35.3 27.4 41.2



#10

Phenol

Concen: 4.827 ng

RT: 6.45 min Scan# 741

Delta R.T. -0.01 min

Lab File: BF111132.D

Acq: 6 Dec 2018 12:24

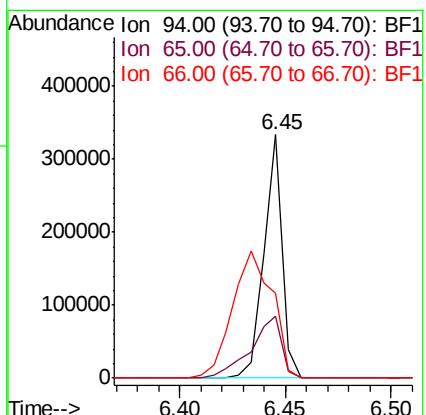
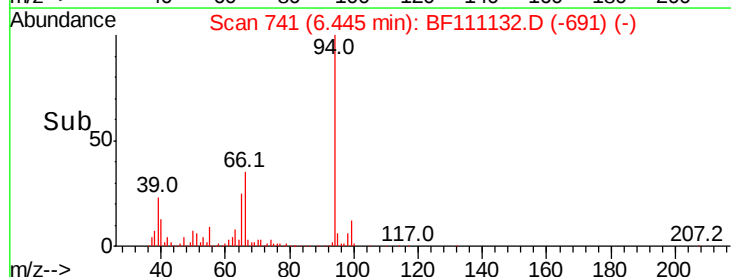
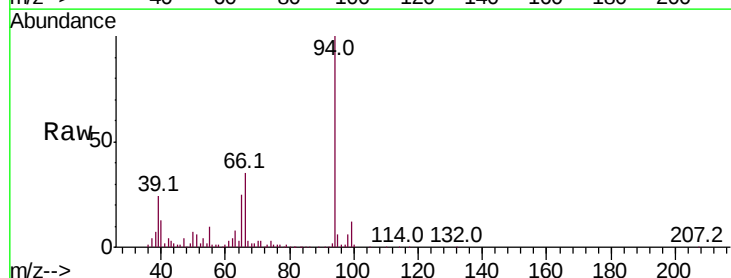
Tgt Ion: 94 Resp: 202681

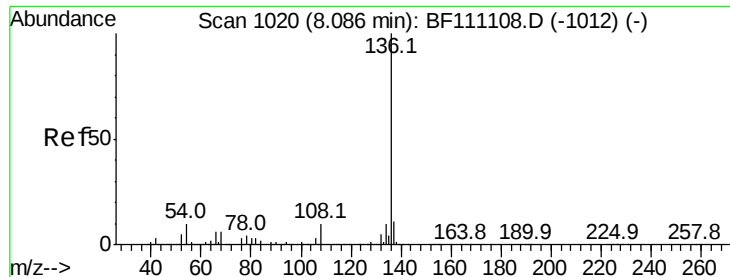
Ion Ratio Lower Upper

94 100

65 25.4 10.5 50.5

66 34.7 19.8 59.8

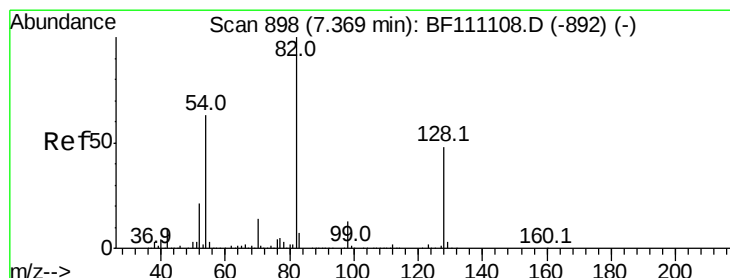
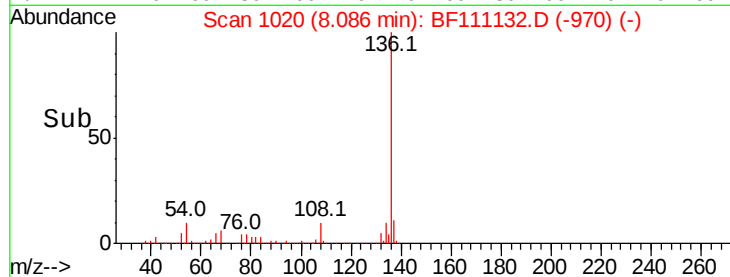
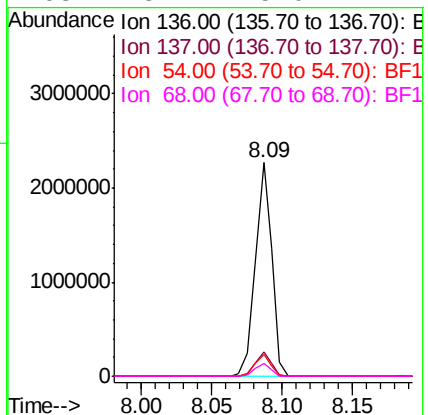
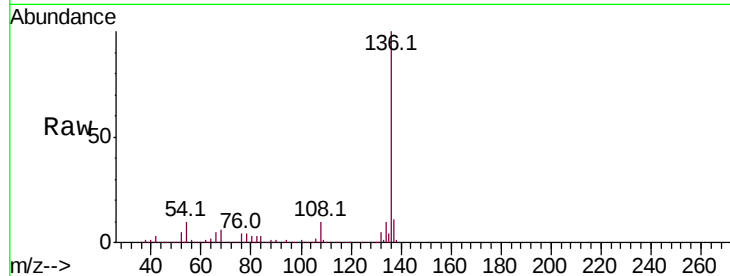




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1020
Delta R.T. -0.01 min
Lab File: BF111132.D
Acq: 6 Dec 2018 12:24

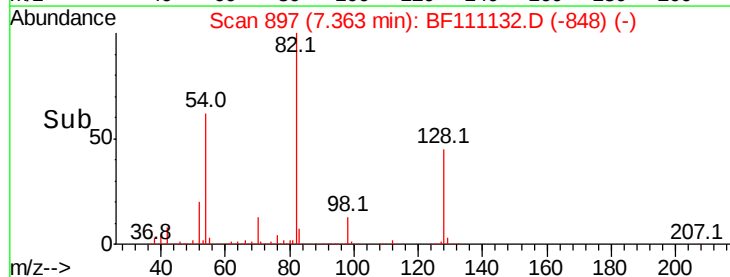
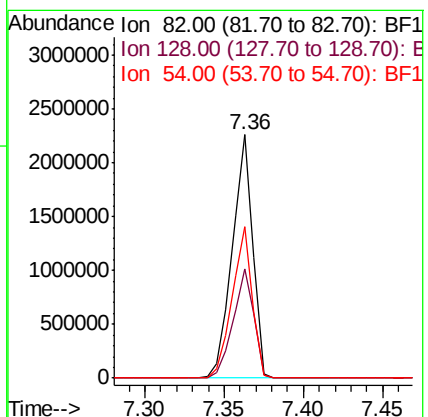
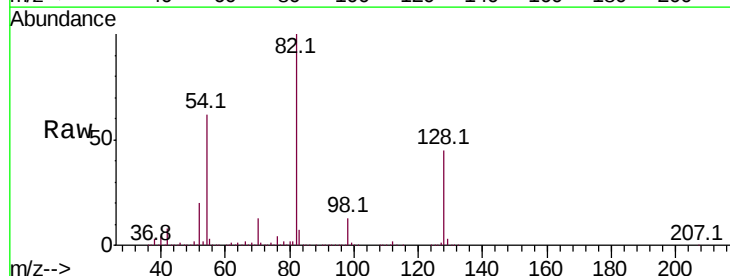
Instrument :
BNA_F
ClientSampleId :
HLSP-SB-3A-(0-2)

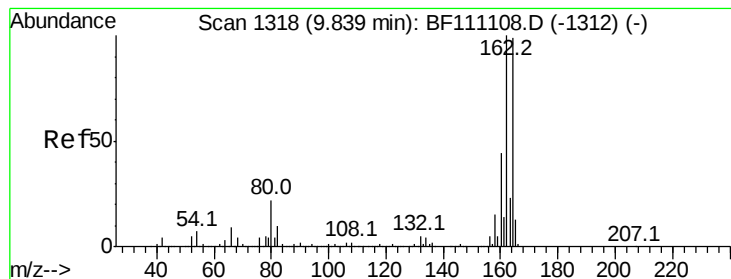
Tot Ion:	136	Resp:	1854064
Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.0	13.6
54	10.0	8.4	12.6
68	5.7	5.0	7.4



#23
Nitrobenzene-d5
Concen: 64.674 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.01 min
Lab File: BF111132.D
Acq: 6 Dec 2018 12:24

Tgt Ion:	82	Resp:	2025391
Ion	Ratio	Lower	Upper
82	100		
128	45.1	38.1	57.1
54	62.0	50.3	75.5





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.84 min Scan# 1318

Delta R.T. -0.01 min

Lab File: BF111132.D

Acq: 6 Dec 2018 12:24

Instrument :

BNA_F

ClientSampleId :

HLSP-SB-3A-(0-2)

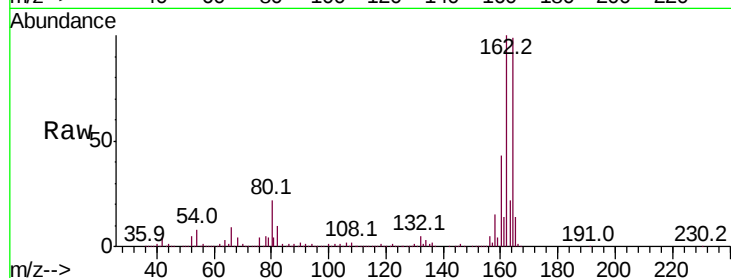
Tot Ion:164 Resp: 906060

Ion Ratio Lower Upper

164 100

162 100.6 80.6 120.8

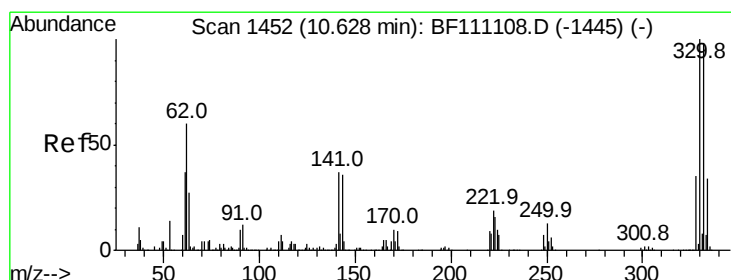
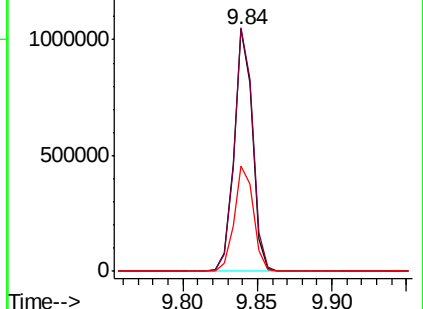
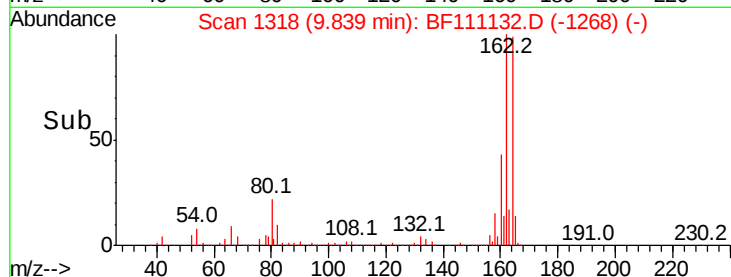
160 43.7 35.5 53.3



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



#42

2,4,6-Tribromophenol

Concen: 94.211 ng

RT: 10.63 min Scan# 1452

Delta R.T. -0.01 min

Lab File: BF111132.D

Acq: 6 Dec 2018 12:24

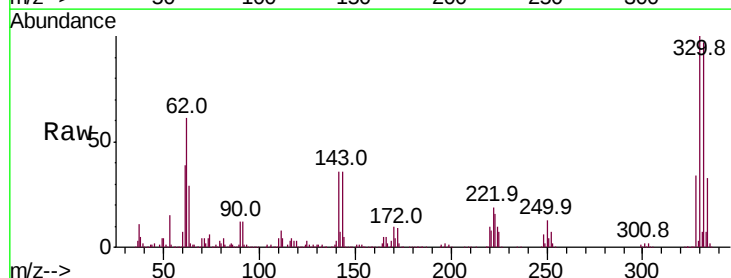
Tgt Ion:330 Resp: 678519

Ion Ratio Lower Upper

330 100

332 96.5 77.2 115.8

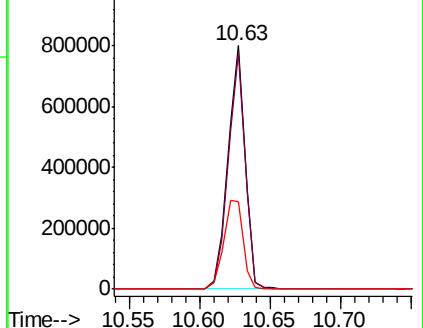
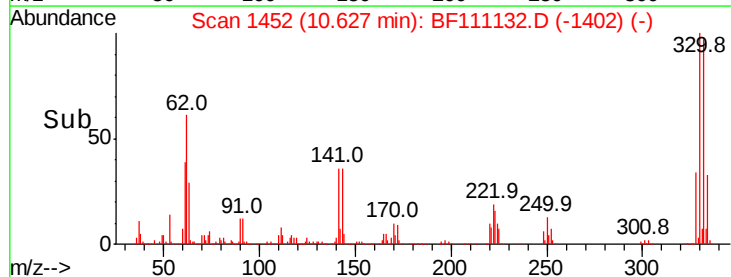
141 41.3 36.1 54.1

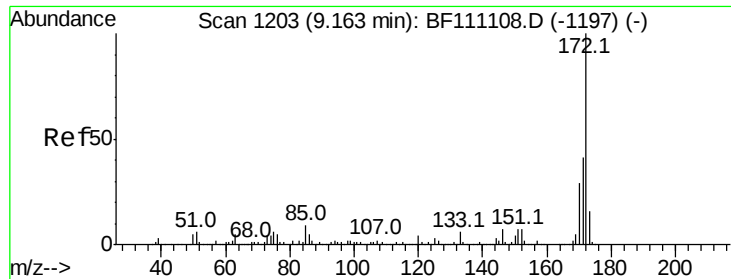


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

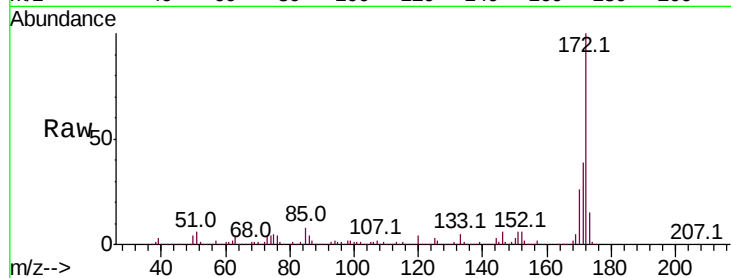




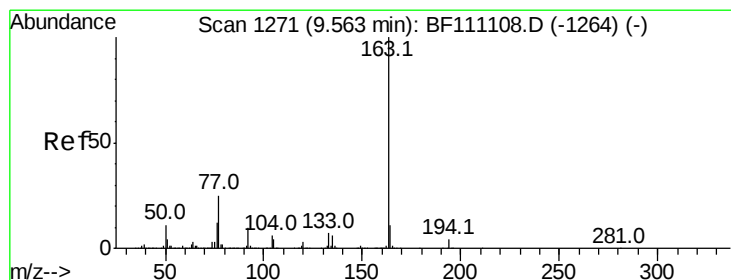
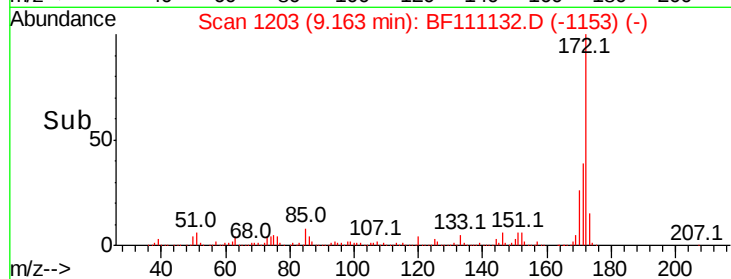
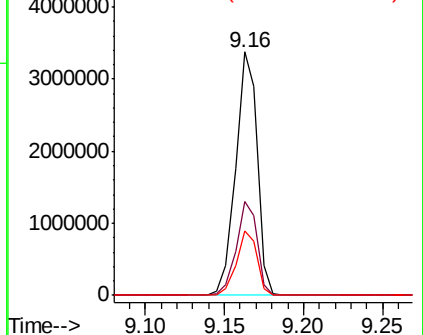
#45
2-Fluorobiphenyl
Concen: 60.470 ng
RT: 9.16 min Scan# 1203
Delta R.T. -0.01 min
Lab File: BF111132.D
Acq: 6 Dec 2018 12:24

Instrument :
BNA_F
ClientSampleId :
HLSP-SB-3A-(0-2)

Tot Ion:172 Resp: 3162943
Ion Ratio Lower Upper
172 100
171 38.8 33.2 49.8
170 26.3 22.9 34.3

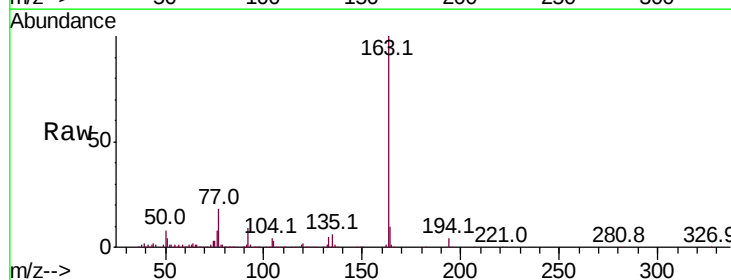


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

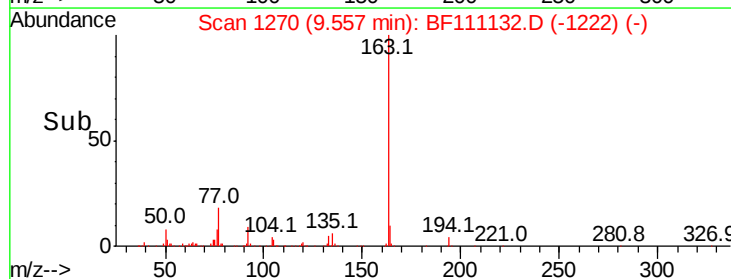
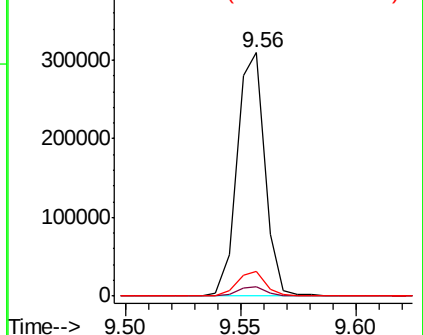


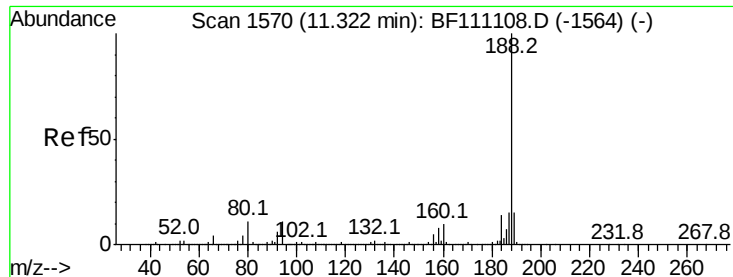
#50
Dimethylphthalate
Concen: 4.129 ng
RT: 9.56 min Scan# 1270
Delta R.T. -0.02 min
Lab File: BF111132.D
Acq: 6 Dec 2018 12:24

Tgt Ion:163 Resp: 260346
Ion Ratio Lower Upper
163 100
194 3.8 3.0 4.4
164 10.1 8.9 13.3



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





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.32 min Scan# 1570

Delta R.T. -0.01 min

Lab File: BF111132.D

Acq: 6 Dec 2018 12:24

Instrument :

BNA_F

ClientSampleId :

HLSP-SB-3A-(0-2)

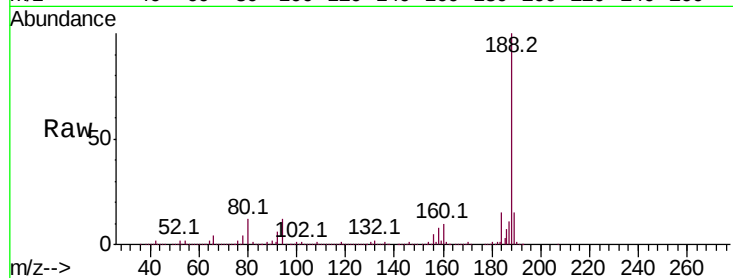
Tot Ion:188 Resp: 1599743

Ion Ratio Lower Upper

188 100

94 11.6 8.5 12.7

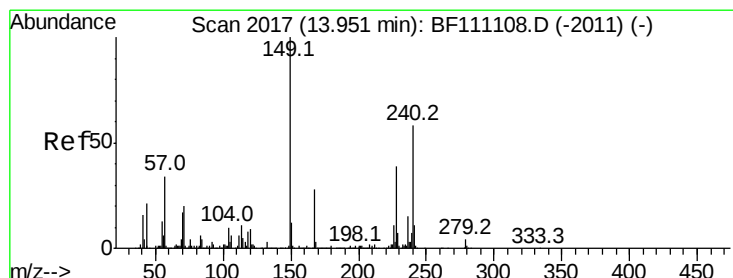
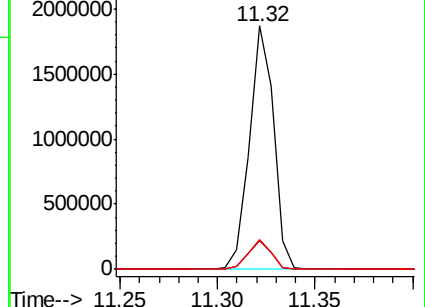
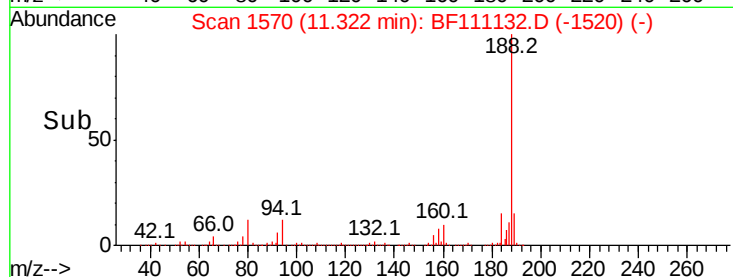
80 12.3 9.0 13.6



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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.96 min Scan# 2018

Delta R.T. -0.01 min

Lab File: BF111132.D

Acq: 6 Dec 2018 12:24

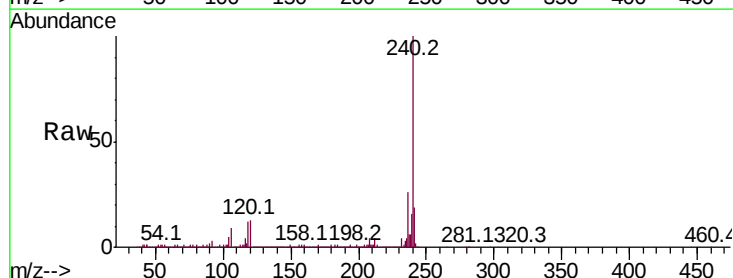
Tgt Ion:240 Resp: 1146939

Ion Ratio Lower Upper

240 100

120 13.4 12.8 19.2

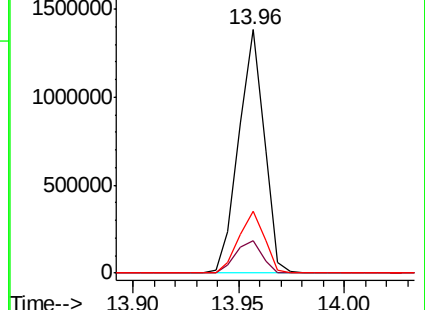
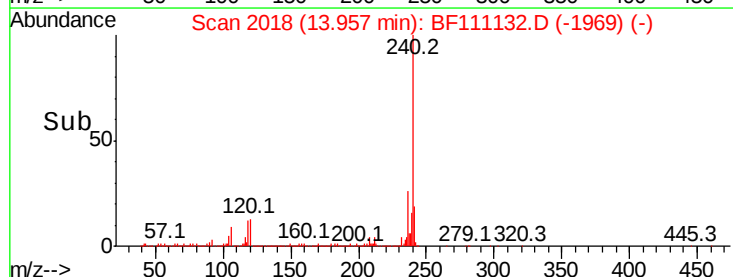
236 25.5 21.1 31.7

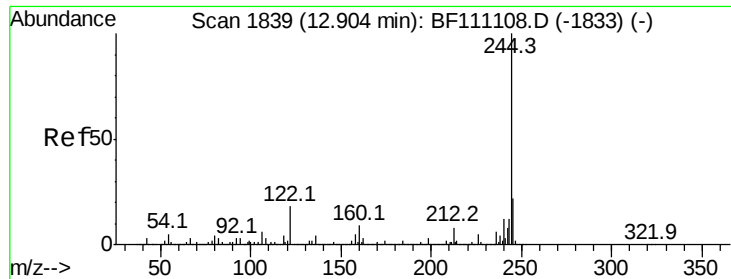


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

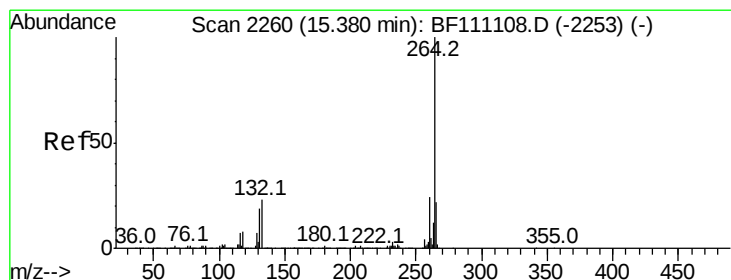
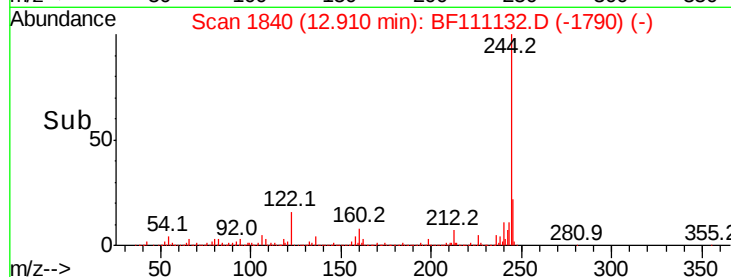
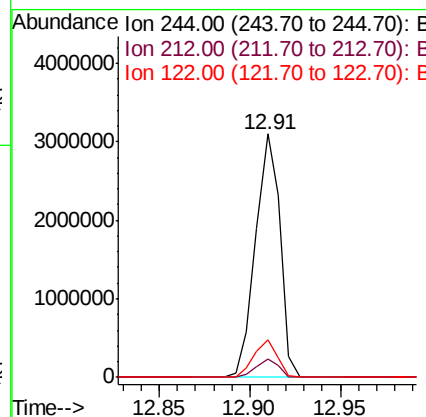
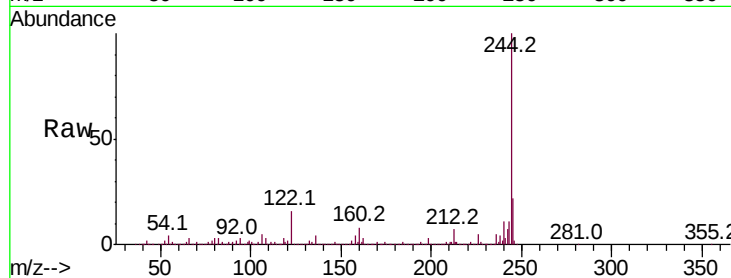




#79
 Terphenyl-d14
 Concen: 51.917 ng
 RT: 12.91 min Scan# 1840
 Delta R.T. -0.01 min
 Lab File: BF111132.D
 Acq: 6 Dec 2018 12:24

Instrument :
 BNA_F
 ClientSampleId :
 HLSP-SB-3A-(0-2)

Tot Ion:244 Resp: 2907495
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.6 9.8
 122 15.6 14.2 21.2



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.39 min Scan# 2262
 Delta R.T. -0.01 min
 Lab File: BF111132.D
 Acq: 6 Dec 2018 12:24

Tgt Ion:264 Resp: 887415
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.4 29.0
 265 22.0 17.4 26.0

