

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010719\
 Data File : BF111888.D
 Acq On : 7 Jan 2019 20:36
 Operator : JU/SJ
 Sample : K1036-17
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 13-S

Quant Time: Jan 08 04:30:05 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF010719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 07 14:33:51 2019
 Response via : Initial Calibration

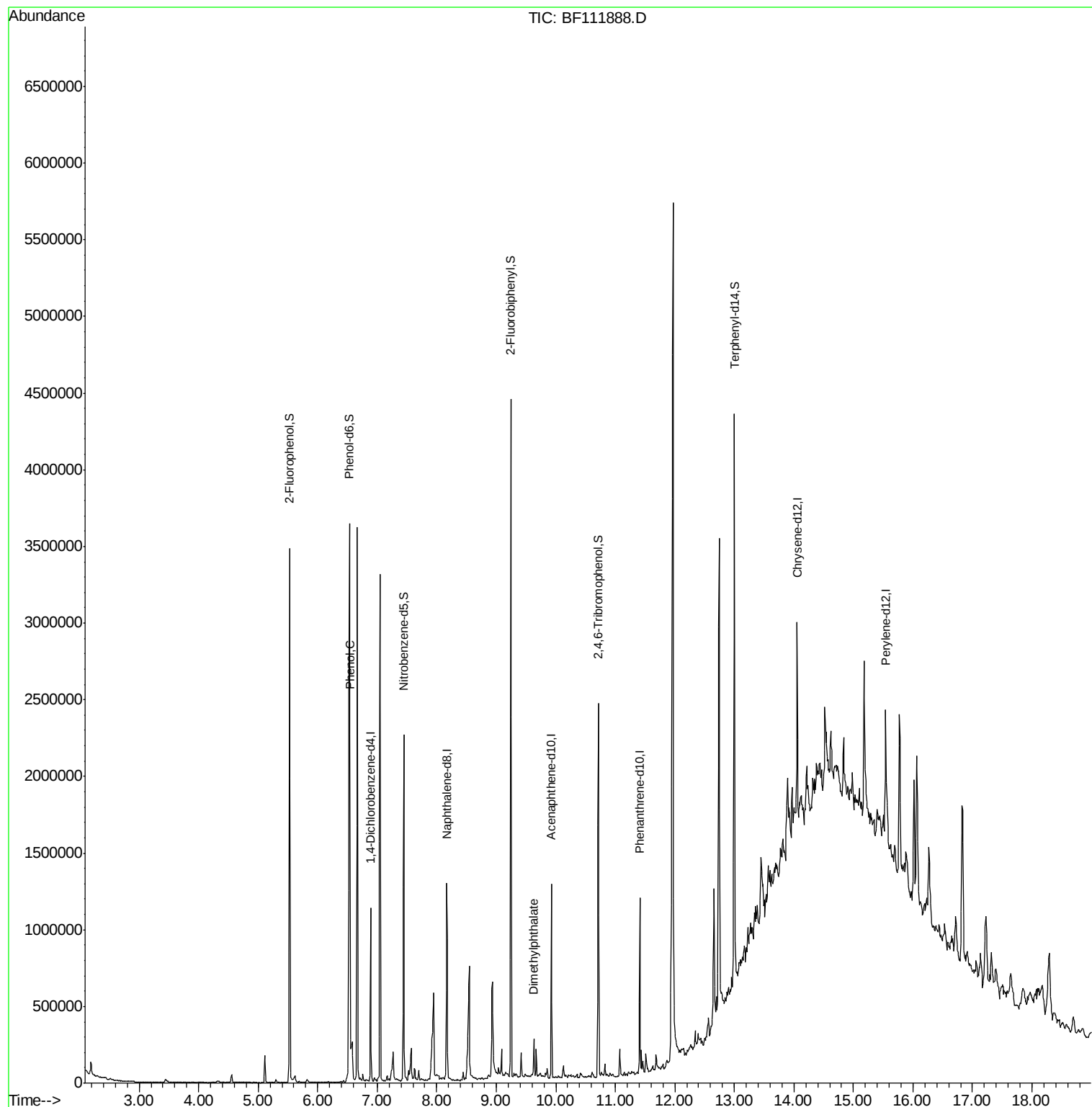
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	156966	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	538685	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	228046	20.00	ng	0.00
64) Phenanthrene-d10	11.41	188	385580	20.00	ng	0.00
76) Chrysene-d12	14.06	240	430988	20.00	ng	0.00
87) Perylene-d12	15.54	264	446610	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	895584	97.61	ng	0.00
7) Phenol-d6	6.53	99	1167387	98.72	ng	0.00
23) Nitrobenzene-d5	7.45	82	702644	69.71	ng	-0.01
42) 2,4,6-Tribromophenol	10.72	330	279778	94.32	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	1283469	82.07	ng	0.00
79) Terphenyl-d14	13.00	244	1198658	52.79	ng	0.00
Target Compounds						
10) Phenol	6.55	94	35525	2.764	ng	Qvalue # 75
50) Dimethylphthalate	9.63	163	82004	4.787	ng	99

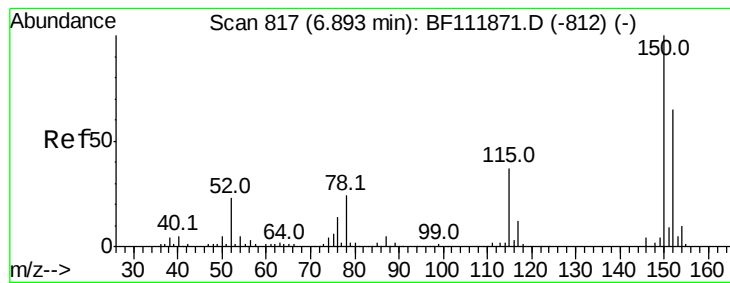
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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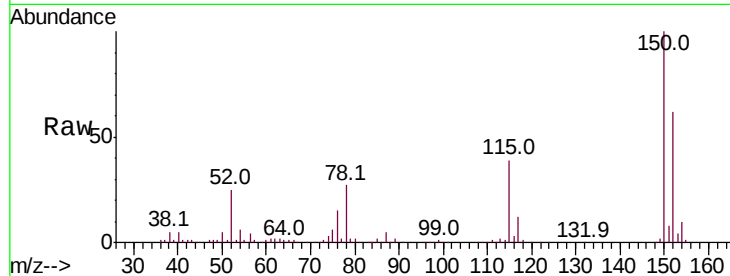


#1

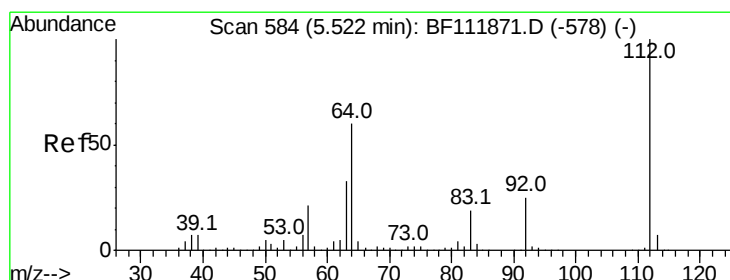
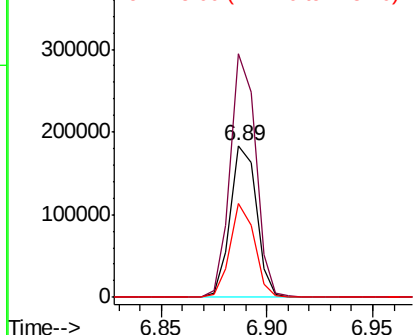
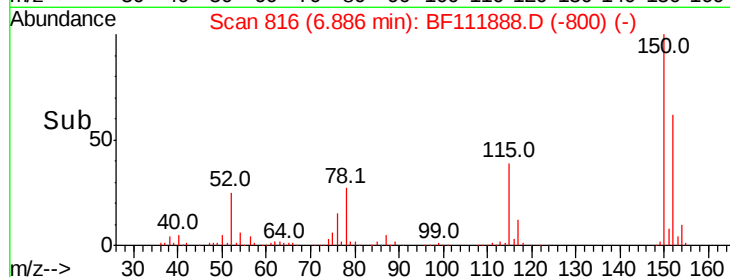
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 816
Delta R.T. -0.01 min
Lab File: BF111888.D
Acq: 7 Jan 2019 20:36

Instrument :
BNA_F
ClientSampleId :
13-S

Tot Ion:152 Resp: 156966
Ion Ratio Lower Upper
152 100
150 160.4 122.7 184.1
115 62.0 45.2 67.8



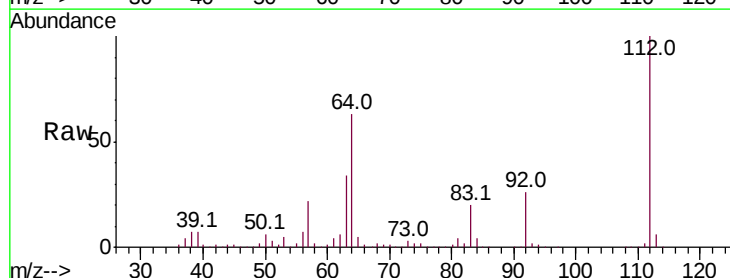
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



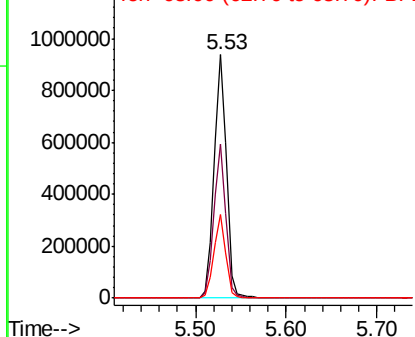
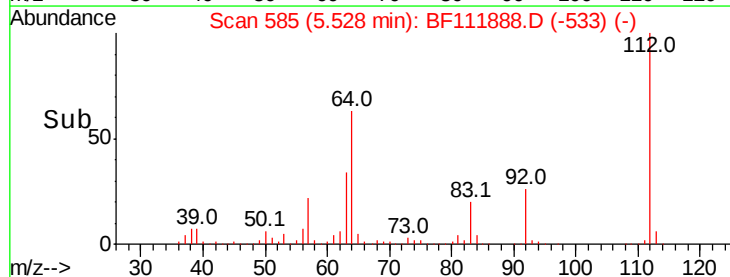
#5

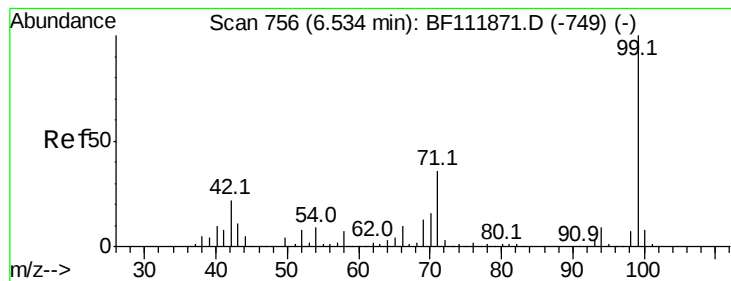
2-Fluorophenol
Concen: 97.612 ng
RT: 5.53 min Scan# 585
Delta R.T. 0.01 min
Lab File: BF111888.D
Acq: 7 Jan 2019 20:36

Tgt Ion:112 Resp: 895584
Ion Ratio Lower Upper
112 100
64 63.4 48.3 72.5
63 34.5 26.1 39.1



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: 98.719 ng

RT: 6.53 min Scan# 756

Delta R.T. -0.00 min

Lab File: BF111888.D

Acq: 7 Jan 2019 20:36

Instrument :

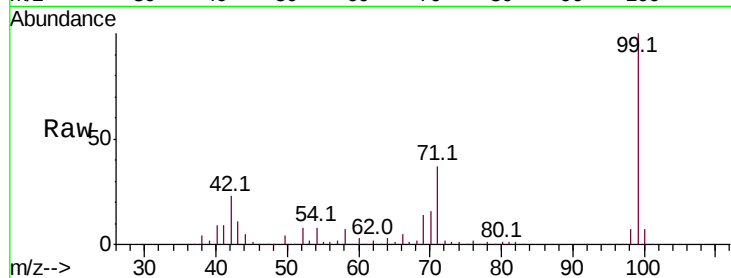
BNA_F

ClientSampleId :

13-S

Tot Ion: 99 Resp: 1167387

Ion	Ratio	Lower	Upper
99	100		
42	22.5	17.9	26.9
71	36.6	28.7	43.1

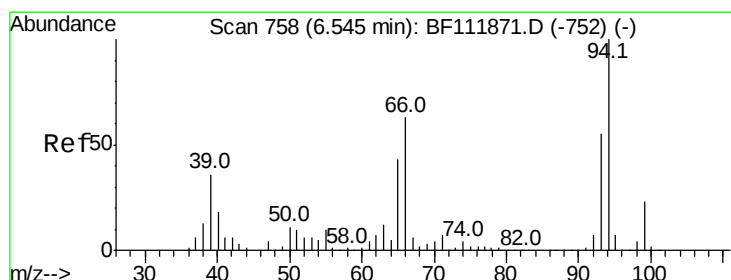
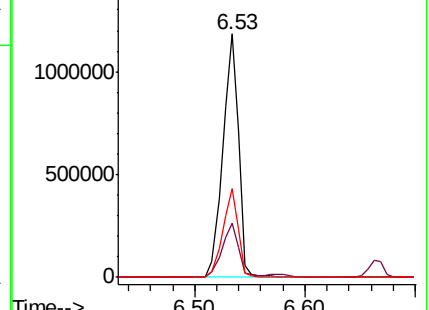
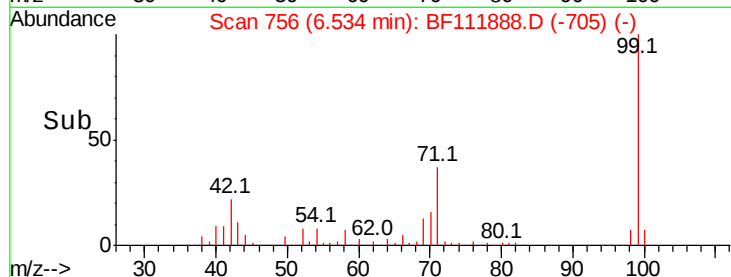


Abundance

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



#10

Phenol

Concen: 2.764 ng

RT: 6.55 min Scan# 758

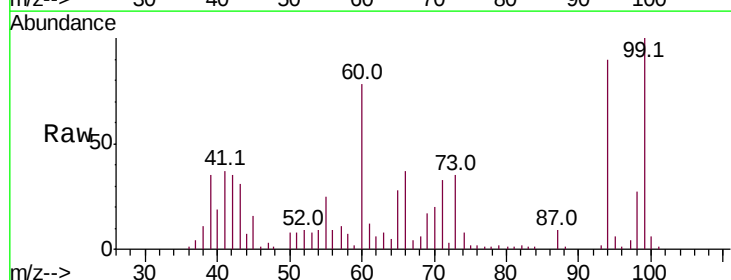
Delta R.T. -0.00 min

Lab File: BF111888.D

Acq: 7 Jan 2019 20:36

Tgt Ion: 94 Resp: 35525

Ion	Ratio	Lower	Upper
94	100		
65	30.7	22.8	62.8
66	40.8	43.3	83.3#

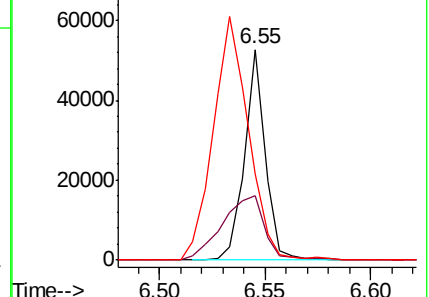
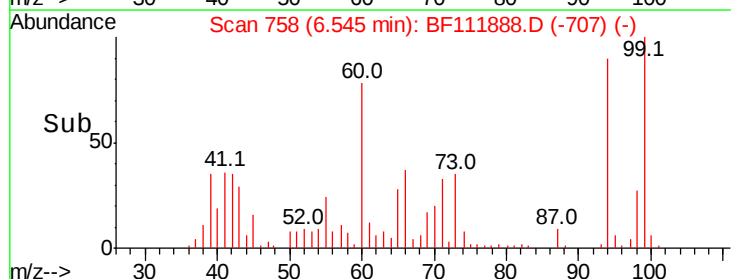


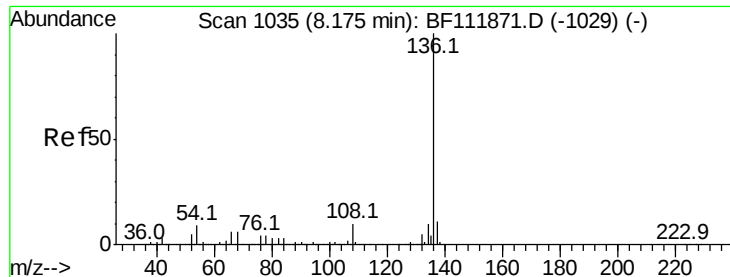
Abundance

Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

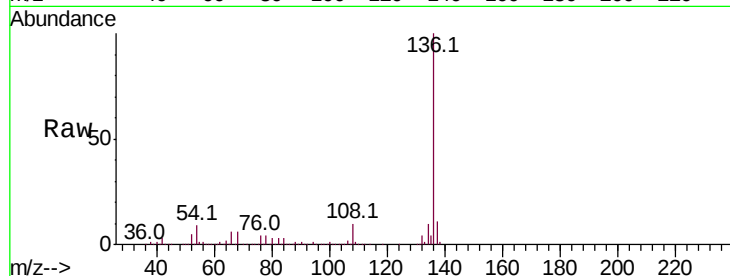




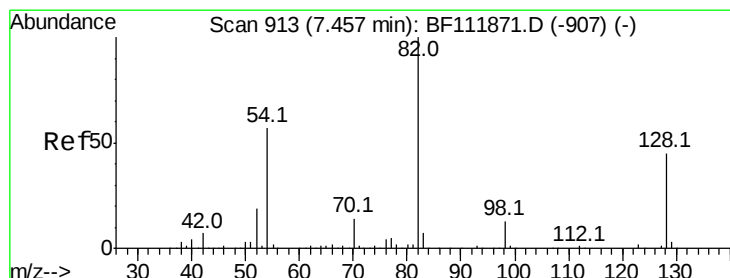
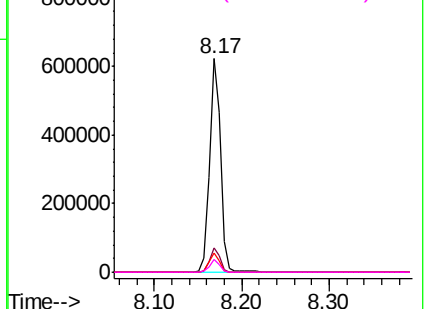
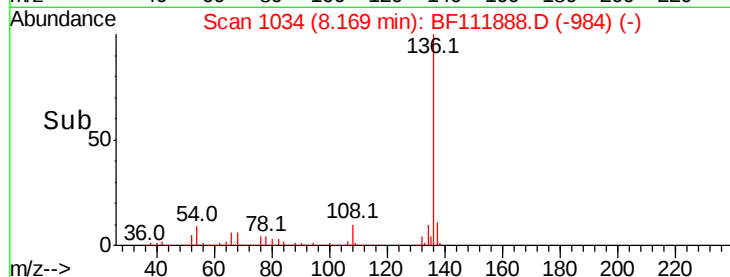
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.17 min Scan# 1034
Delta R.T. -0.01 min
Lab File: BF111888.D
Acq: 7 Jan 2019 20:36

Instrument :
BNA_F
ClientSampleId :
13-S

Tot Ion:136	Resp:	538685
Ion	Ratio	Lower Upper
136	100	
137	11.2	9.1 13.7
54	9.1	7.2 10.8
68	6.1	4.4 6.6

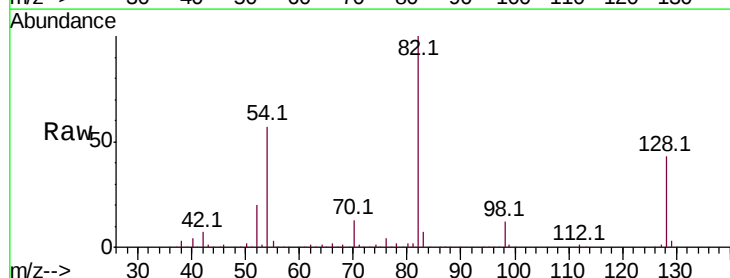


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

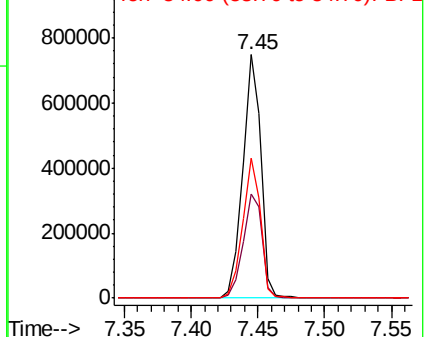
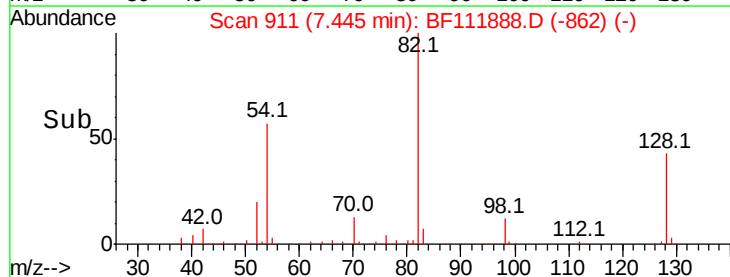


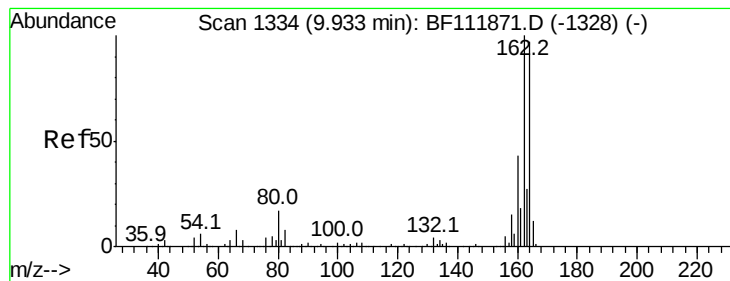
#23
Nitrobenzene-d5
Concen: 69.712 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.01 min
Lab File: BF111888.D
Acq: 7 Jan 2019 20:36

Tgt Ion: 82	Resp:	702644
Ion	Ratio	Lower Upper
82	100	
128	42.9	35.7 53.5
54	57.5	45.8 68.8



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.93 min Scan# 1333

Delta R.T. -0.01 min

Lab File: BF111888.D

Acq: 7 Jan 2019 20:36

Instrument :

BNA_F

ClientSampleId :

13-S

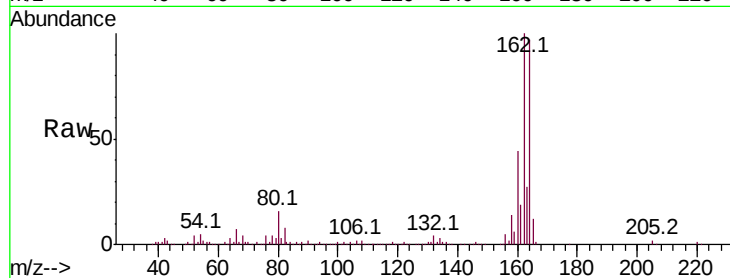
Tot Ion:164 Resp: 228046

Ion Ratio Lower Upper

164 100

162 103.3 82.2 123.2

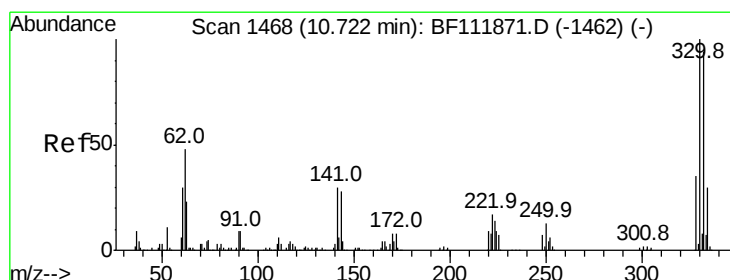
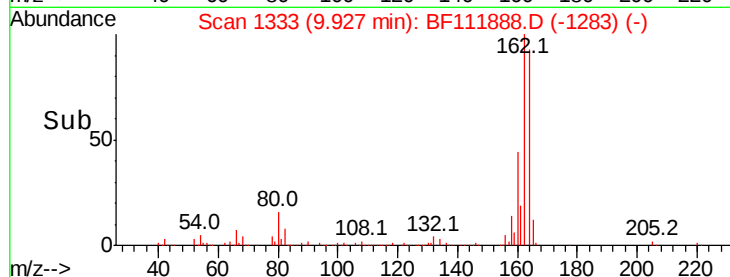
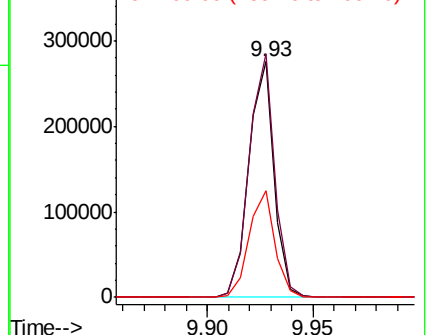
160 45.5 35.5 53.3



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: 94.322 ng

RT: 10.72 min Scan# 1467

Delta R.T. -0.01 min

Lab File: BF111888.D

Acq: 7 Jan 2019 20:36

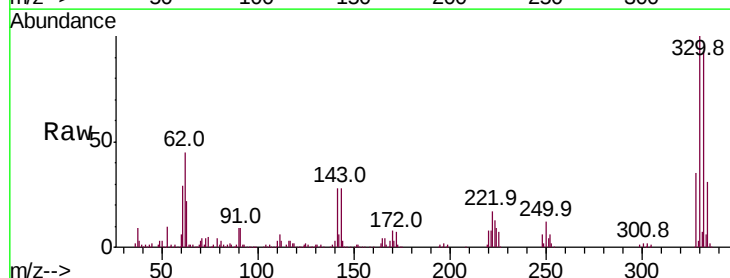
Tgt Ion:330 Resp: 279778

Ion Ratio Lower Upper

330 100

332 95.7 76.9 115.3

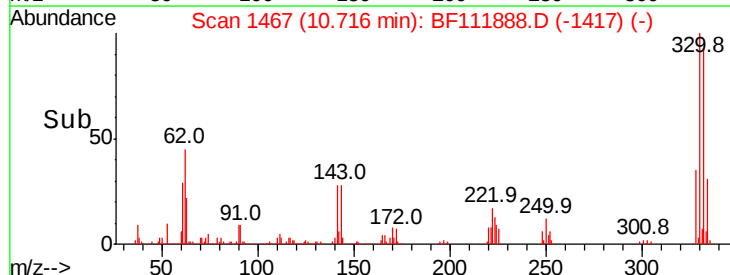
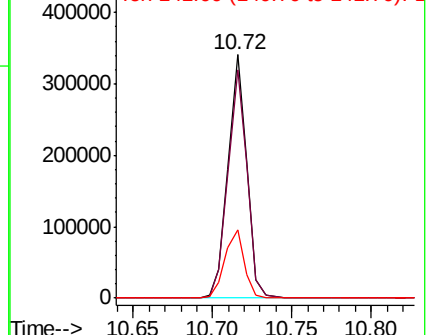
141 28.8 23.7 35.5

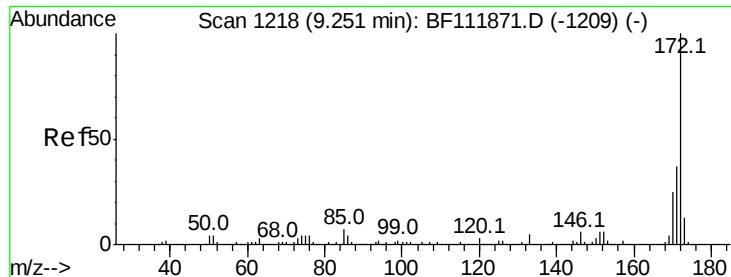


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

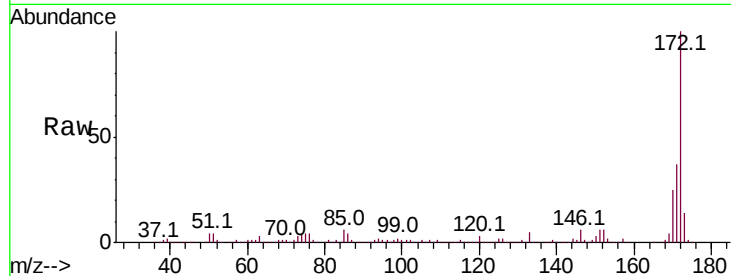




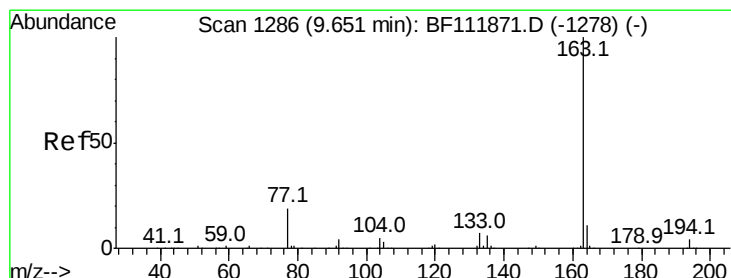
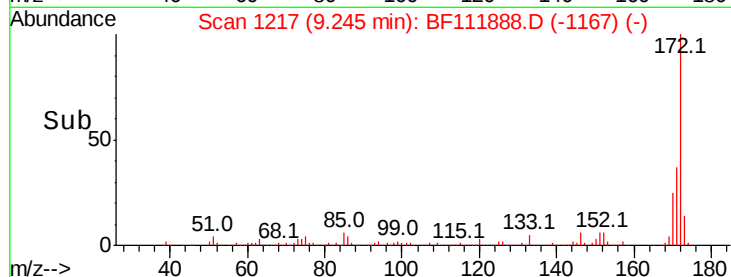
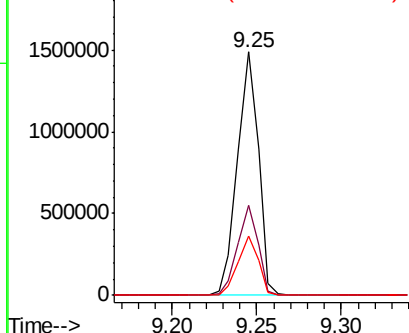
#45
2-Fluorobiphenyl
Concen: 82.069 ng
RT: 9.25 min Scan# 1217
Delta R.T. -0.01 min
Lab File: BF111888.D
Acq: 7 Jan 2019 20:36

Instrument :
BNA_F
ClientSampleId :
13-S

Tot Ion:172 Resp: 1283469
Ion Ratio Lower Upper
172 100
171 36.7 29.6 44.4
170 24.5 19.8 29.8

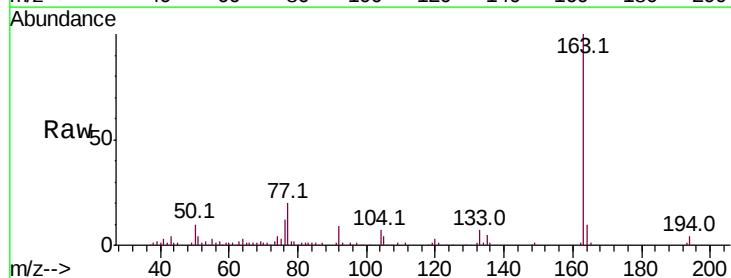


Abundance Ion 172.00 (171.70 to 172.70): E
2000000 Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

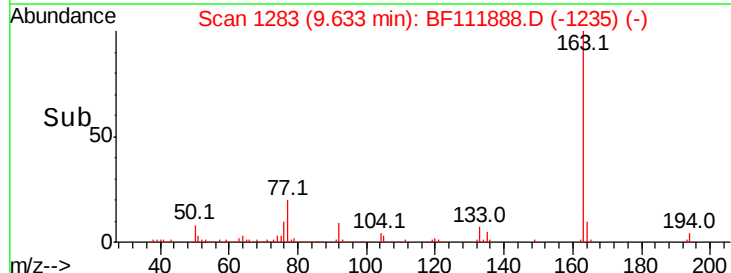
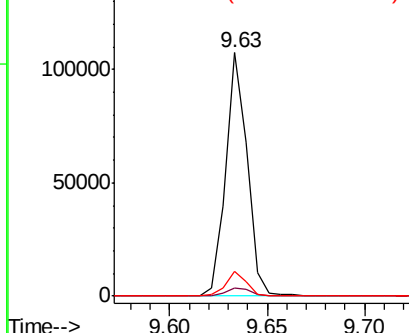


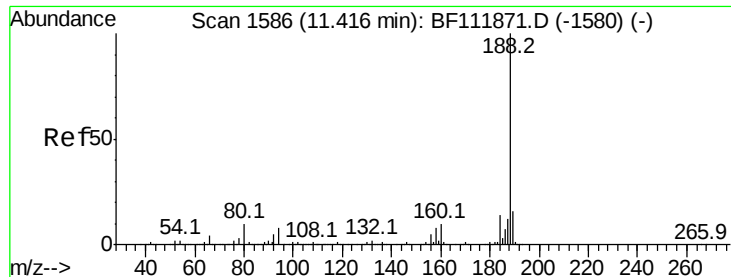
#50
Dimethylphthalate
Concen: 4.787 ng
RT: 9.63 min Scan# 1283
Delta R.T. -0.02 min
Lab File: BF111888.D
Acq: 7 Jan 2019 20:36

Tgt Ion:163 Resp: 82004
Ion Ratio Lower Upper
163 100
194 3.6 3.4 5.2
164 10.2 8.5 12.7



Abundance Ion 163.00 (162.70 to 163.70): E
150000 Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

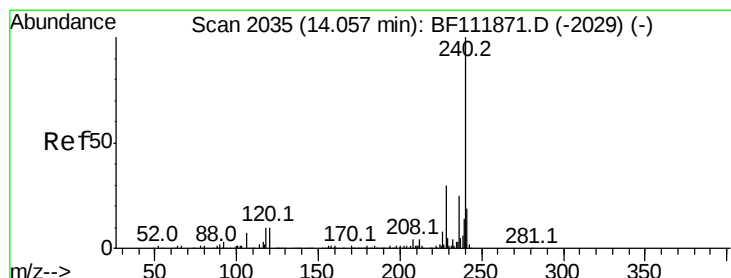
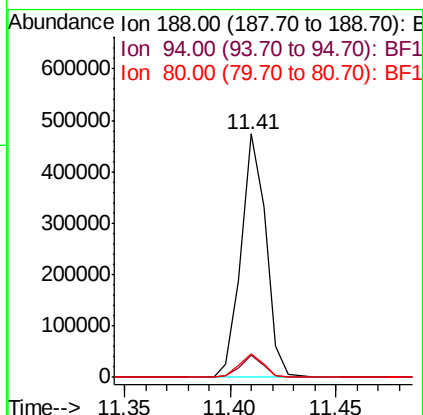
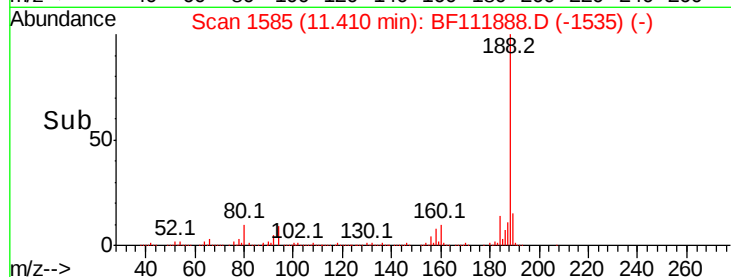
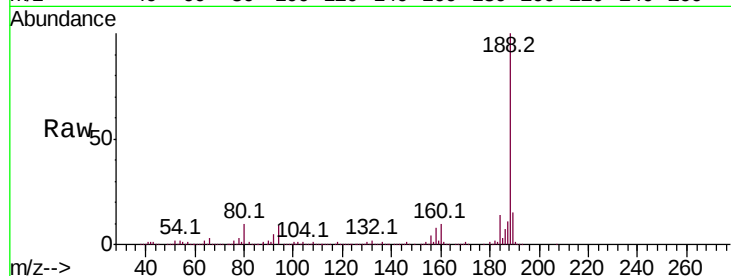




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.41 min Scan# 1585
Delta R.T. -0.01 min
Lab File: BF111888.D
Acq: 7 Jan 2019 20:36

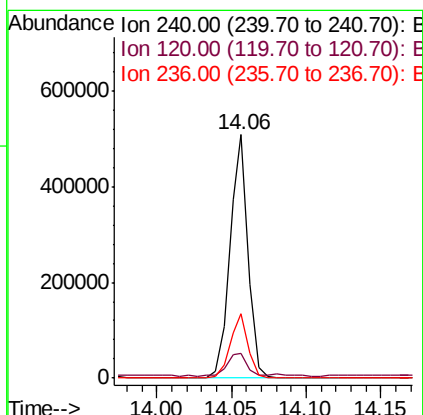
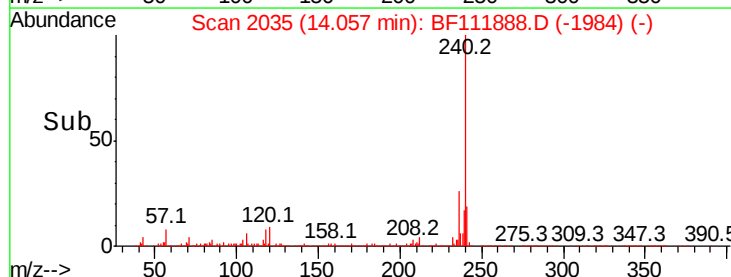
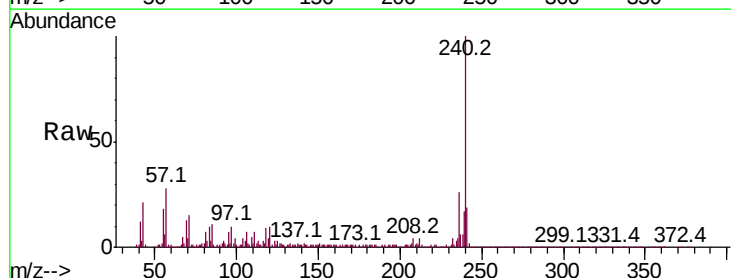
Instrument :
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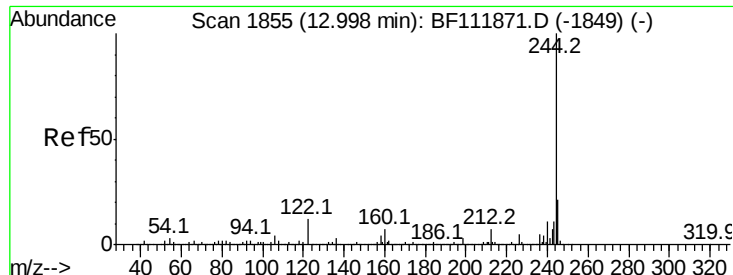
Tot Ion:188 Resp: 385580
Ion Ratio Lower Upper
188 100
94 8.9 6.6 10.0
80 9.9 7.7 11.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.06 min Scan# 2035
Delta R.T. -0.00 min
Lab File: BF111888.D
Acq: 7 Jan 2019 20:36

Tgt Ion:240 Resp: 430988
Ion Ratio Lower Upper
240 100
120 9.9 8.2 12.2
236 26.4 20.2 30.4





#79

Terphenyl-d14

Concen: 52.793 ng

RT: 13.00 min Scan# 1855

Delta R.T. -0.00 min

Lab File: BF111888.D

Acq: 7 Jan 2019 20:36

Instrument :

BNA_F

ClientSampleId :

13-S

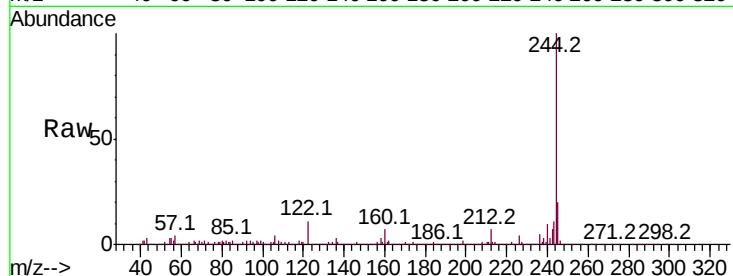
Tot Ion:244 Resp: 1198658

Ion Ratio Lower Upper

244 100

212 7.1 5.8 8.8

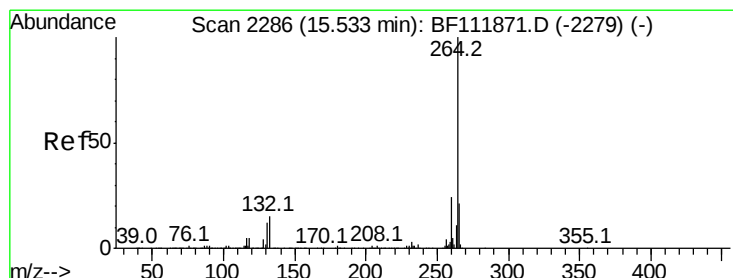
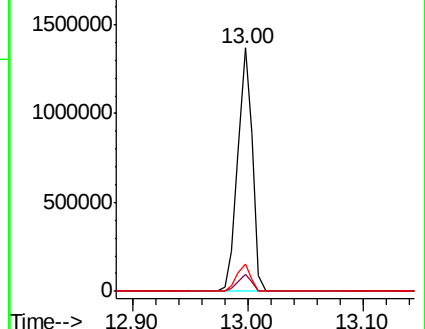
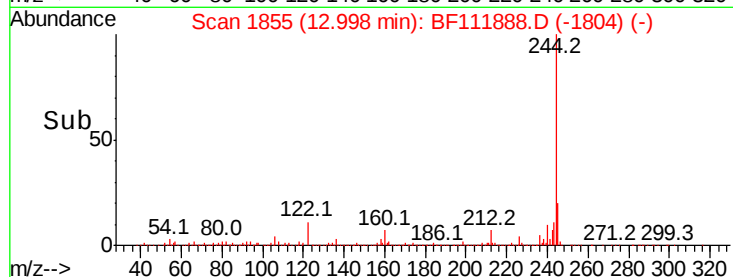
122 11.0 9.5 14.3



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



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.54 min Scan# 2288

Delta R.T. 0.01 min

Lab File: BF111888.D

Acq: 7 Jan 2019 20:36

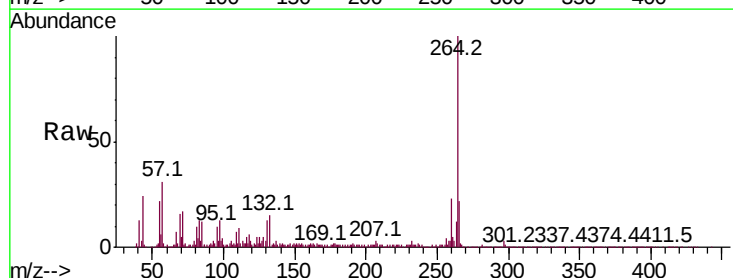
Tgt Ion:264 Resp: 446610

Ion Ratio Lower Upper

264 100

260 23.3 19.2 28.8

265 21.5 17.1 25.7



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

