

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM122718\
 Data File : BM018414.D
 Acq On : 28 Dec 2018 01:51
 Operator : JU/SJ
 Sample : J6576-02
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 381218710-2

Quant Time: Dec 28 04:59:00 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM122718.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 27 14:18:47 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.78	152	369961	20.00	ng	0.00
21) Naphthalene-d8	10.57	136	1767918	20.00	ng	0.00
39) Acenaphthene-d10	14.43	164	1104893	20.00	ng	0.00
64) Phenanthrene-d10	17.18	188	2598917	20.00	ng	0.00
76) Chrysene-d12	21.36	240	2860273	20.00	ng	-0.01
87) Perylene-d12	23.66	264	2538156	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	204298	10.41	ng	0.00
7) Phenol-d6	6.94	99	205427	7.54	ng	0.00
23) Nitrobenzene-d5	8.95	82	663138	21.53	ng	0.00
42) 2,4,6-Tribromophenol	15.92	330	477082	33.98	ng	0.00
45) 2-Fluorobiphenyl	13.04	172	1985079	24.33	ng	0.00
79) Terphenyl-d14	19.81	244	5026434	37.45	ng	0.00

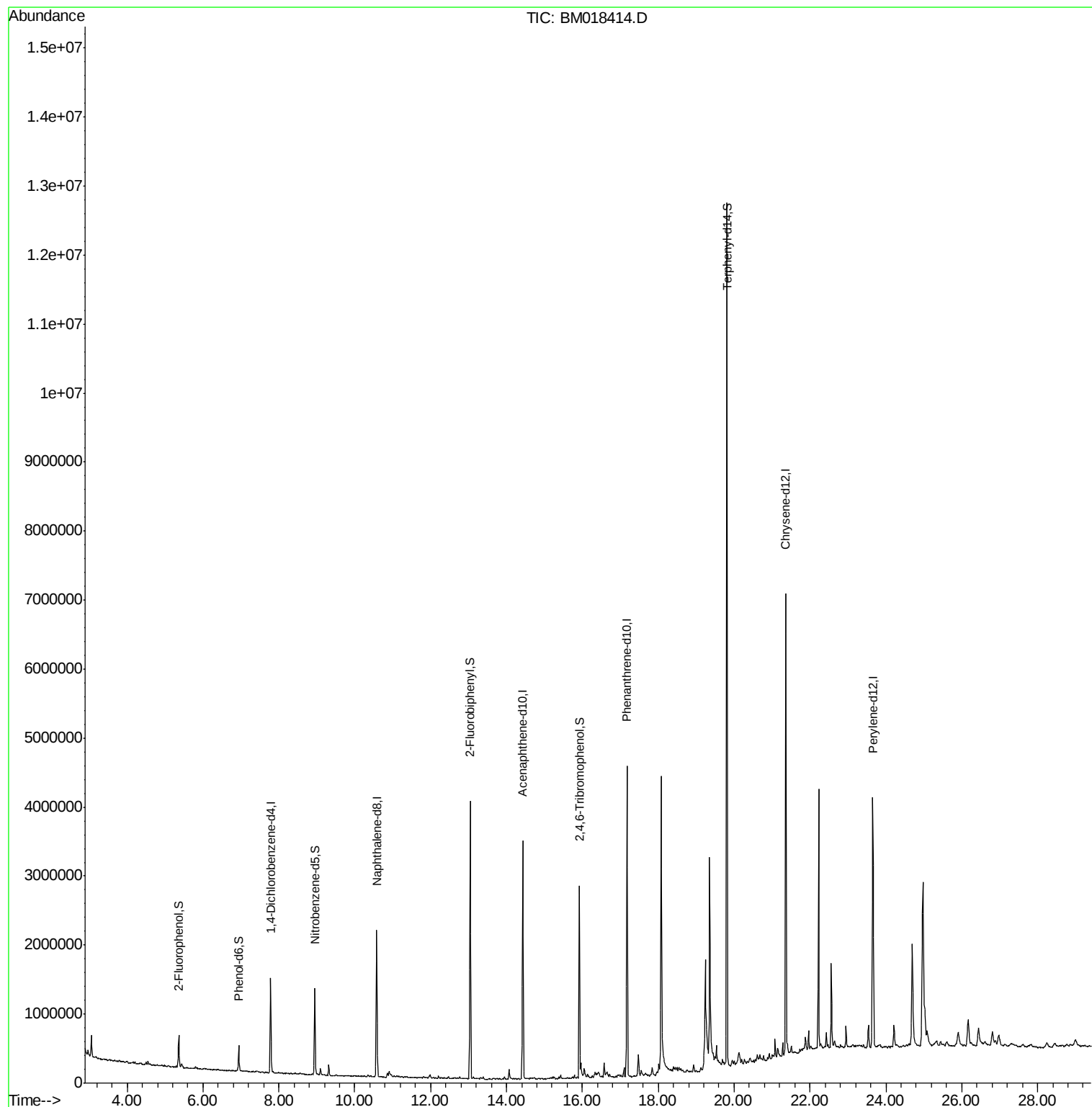
Target Compounds Qvalue

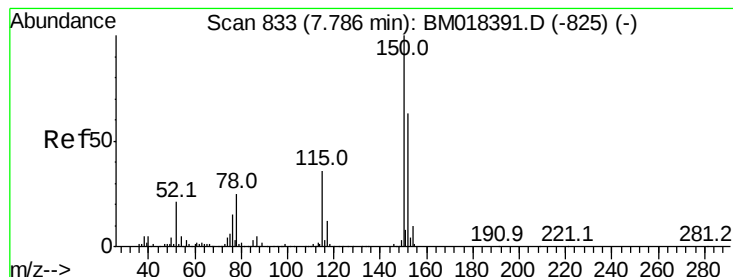
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 7.78 min Scan# 832

Delta R.T. -0.01 min

Lab File: BM018414.D

Acq: 28 Dec 2018 01:51

Instrument :

BNA_M

ClientSampleId :

381218710-2

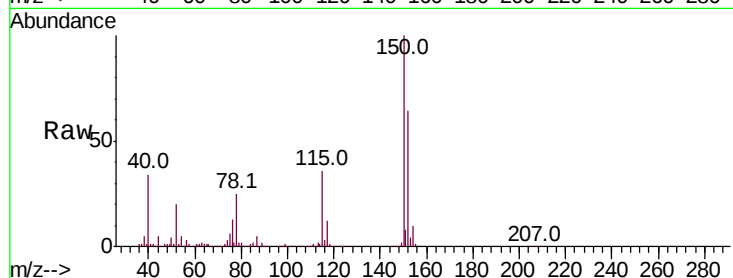
Tot Ion:152 Resp: 369961

Ion Ratio Lower Upper

152 100

150 156.9 126.9 190.3

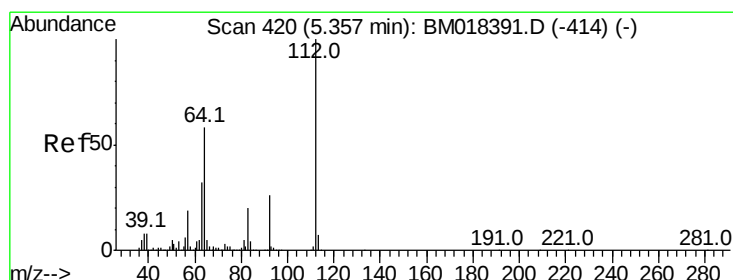
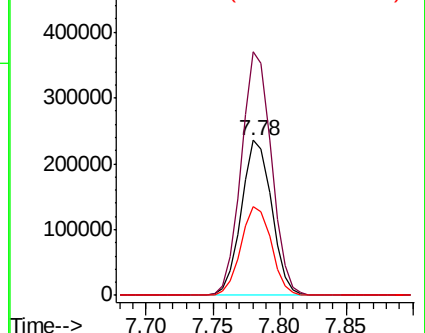
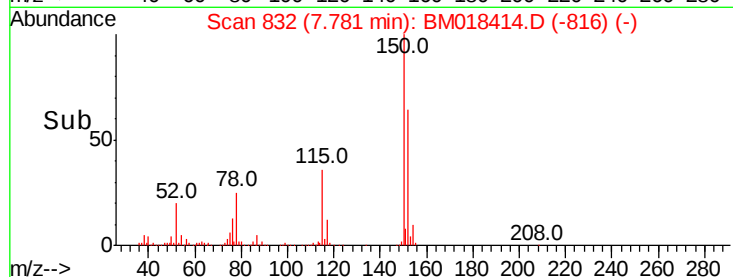
115 57.2 45.5 68.3



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: 10.411 ng

RT: 5.36 min Scan# 421

Delta R.T. 0.01 min

Lab File: BM018414.D

Acq: 28 Dec 2018 01:51

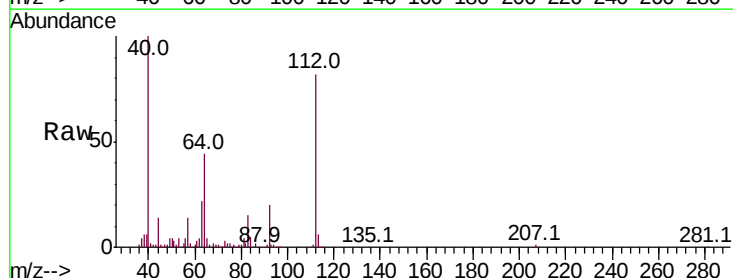
Tgt Ion:112 Resp: 204298

Ion Ratio Lower Upper

112 100

64 53.4 46.5 69.7

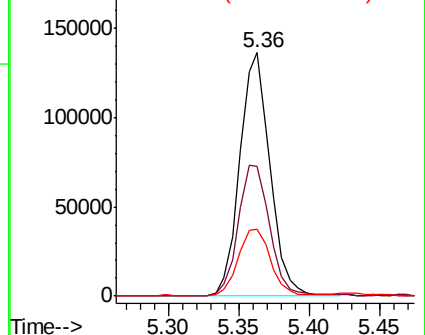
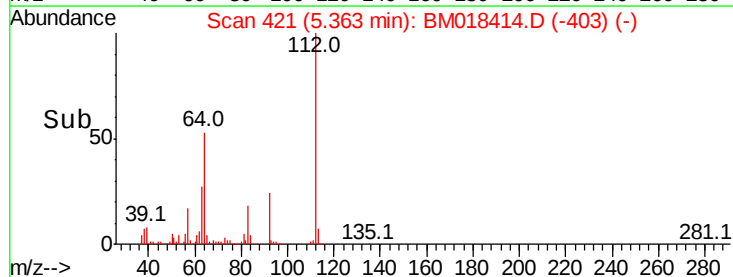
63 27.5 25.2 37.8

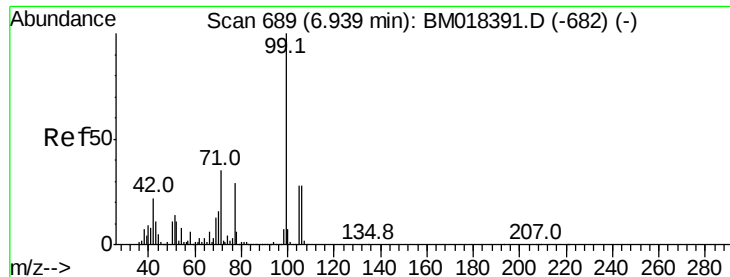


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BM0

Ion 63.00 (62.70 to 63.70): BM0





#7

Phenol-d6

Concen: 7.539 ng

RT: 6.94 min Scan# 689

Delta R.T. -0.00 min

Lab File: BM018414.D

Acq: 28 Dec 2018 01:51

Instrument :

BNA_M

ClientSampleId :

381218710-2

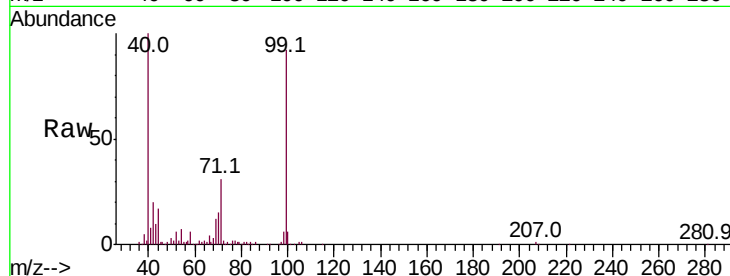
Tot Ion: 99 Resp: 205427

Ion Ratio Lower Upper

99 100

42 21.6 17.3 25.9

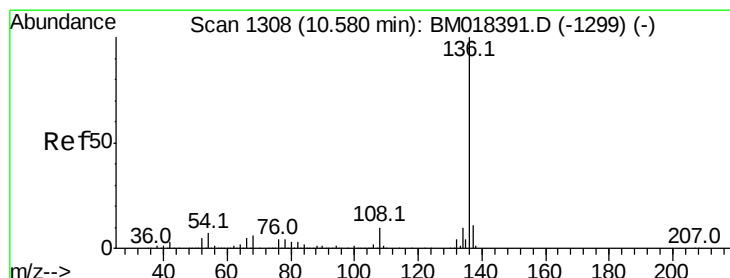
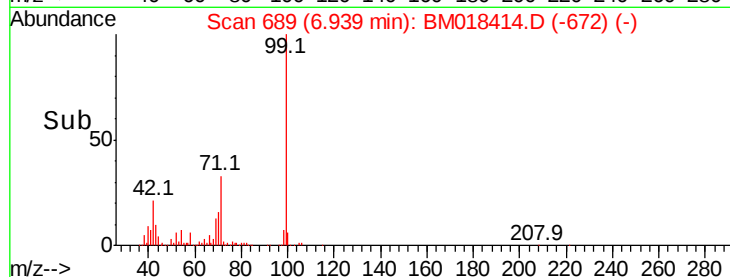
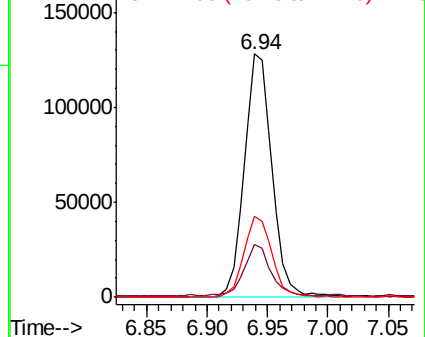
71 33.5 28.0 42.0



Abundance Ion 99.00 (98.70 to 99.70): BM018391.D (-682) (-)

Ion 42.00 (41.70 to 42.70): BM018391.D (-682) (-)

Ion 71.00 (70.70 to 71.70): BM018391.D (-682) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.57 min Scan# 1307

Delta R.T. -0.01 min

Lab File: BM018414.D

Acq: 28 Dec 2018 01:51

Tgt Ion: 136 Resp: 1767918

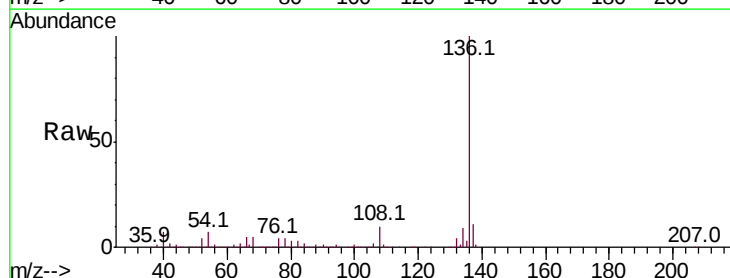
Ion Ratio Lower Upper

136 100

137 10.7 8.5 12.7

54 7.3 6.0 9.0

68 5.0 4.5 6.7

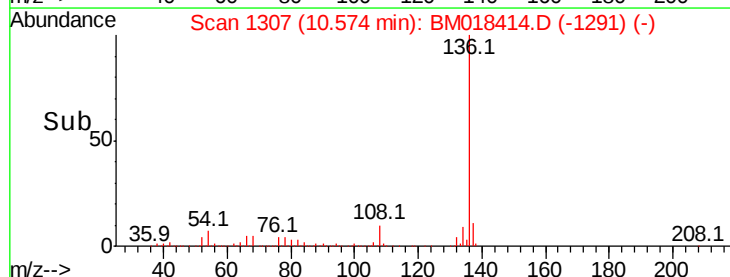
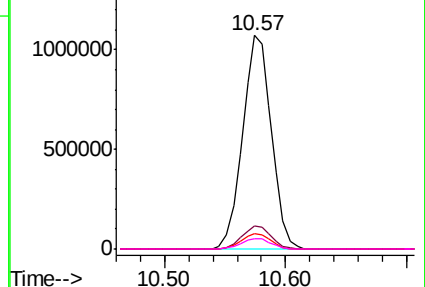


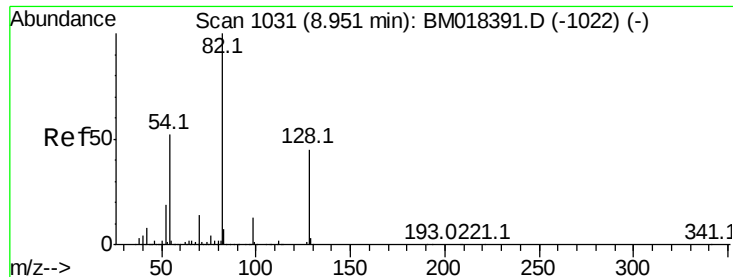
Abundance Ion 136.00 (135.70 to 136.70): BM018391.D (-1299) (-)

Ion 137.00 (136.70 to 137.70): BM018391.D (-1299) (-)

Ion 54.00 (53.70 to 54.70): BM018391.D (-1299) (-)

Ion 68.00 (67.70 to 68.70): BM018391.D (-1299) (-)

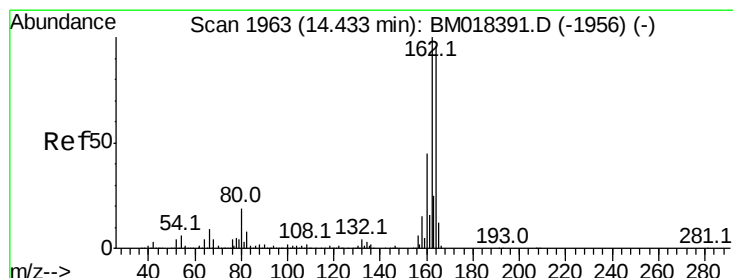
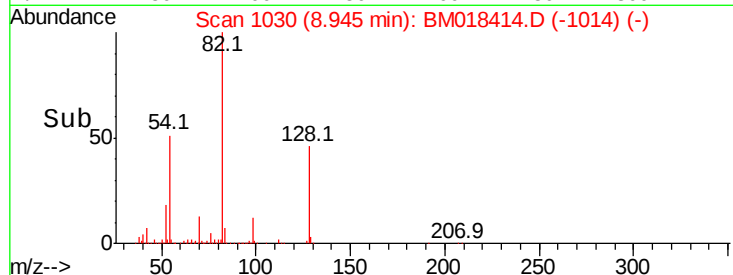
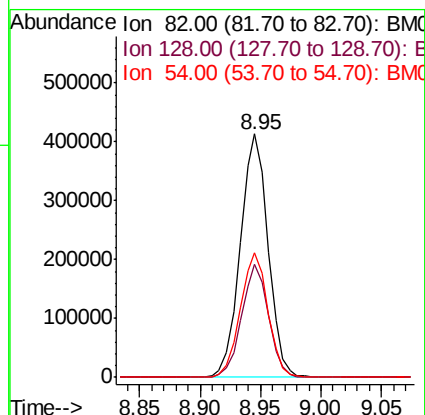
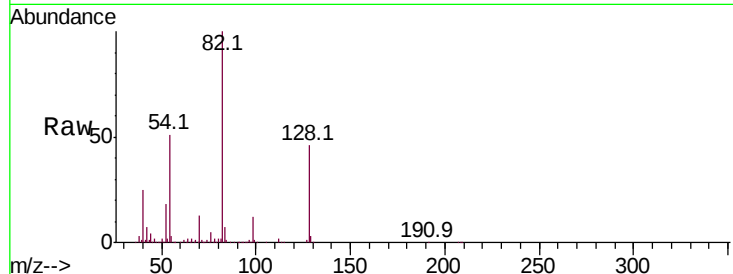




#23
 Nitrobenzene-d5
 Concen: 21.528 ng
 RT: 8.95 min Scan# 1030
 Delta R.T. -0.01 min
 Lab File: BM018414.D
 Acq: 28 Dec 2018 01:51

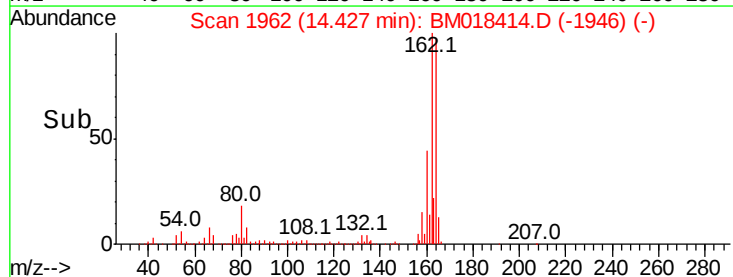
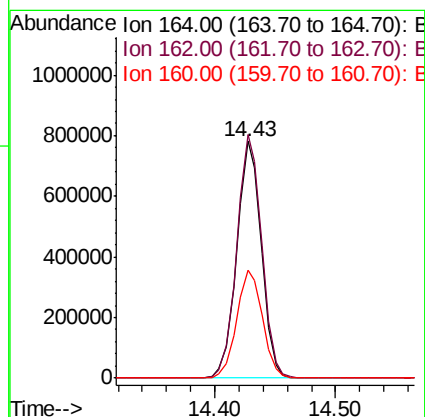
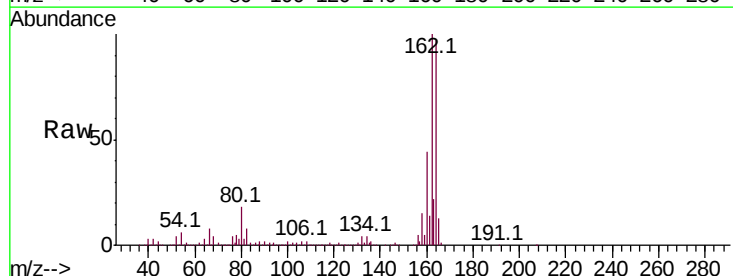
Instrument :
 BNA_M
 ClientSampleId :
 381218710-2

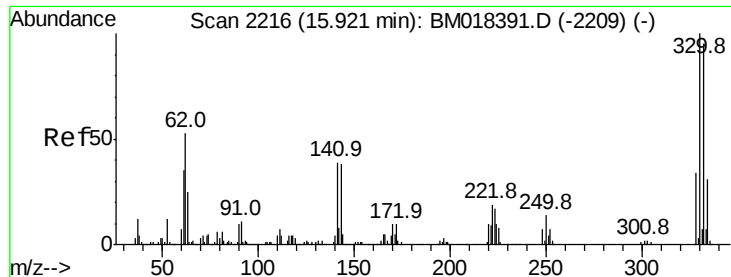
Tot Ion	82	Resp	663138
Ion Ratio	Lower	Upper	
82	100		
128	46.3	36.3	54.5
54	51.1	41.7	62.5



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.43 min Scan# 1962
 Delta R.T. -0.01 min
 Lab File: BM018414.D
 Acq: 28 Dec 2018 01:51

Tgt Ion	164	Resp	1104893
Ion Ratio	Lower	Upper	
164	100		
162	102.9	83.0	124.4
160	45.7	37.1	55.7

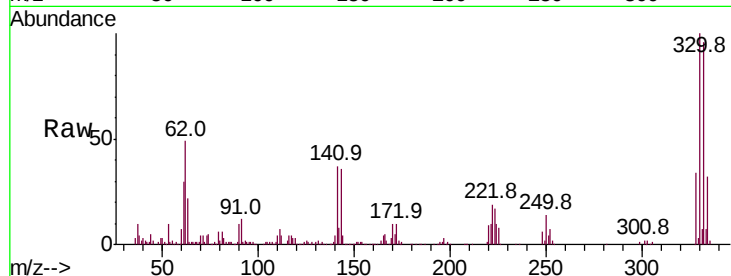




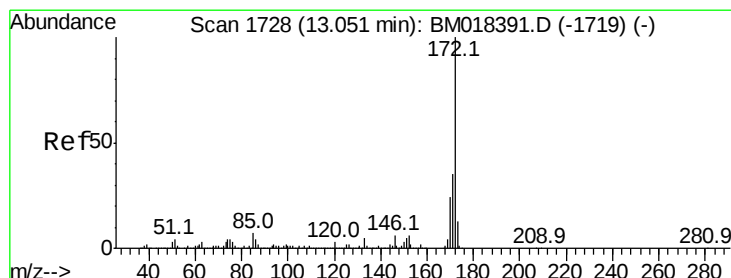
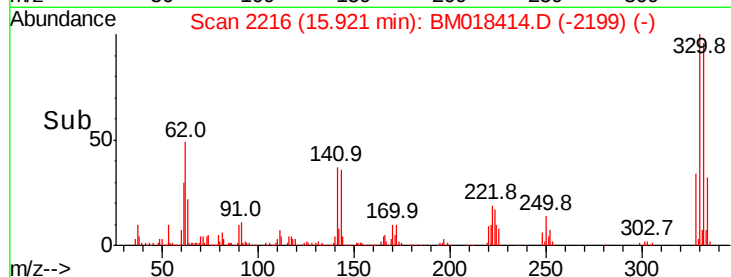
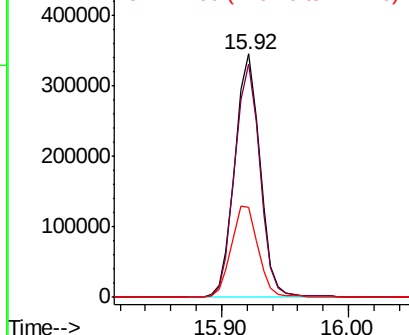
#42
 2,4,6-Tribromophenol
 Concen: 33.984 ng
 RT: 15.92 min Scan# 2216
 Delta R.T. -0.00 min
 Lab File: BM018414.D
 Acq: 28 Dec 2018 01:51

Instrument :
 BNA_M
 ClientSampleId :
 381218710-2

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.9	77.6	116.4
141	39.9	31.7	47.5

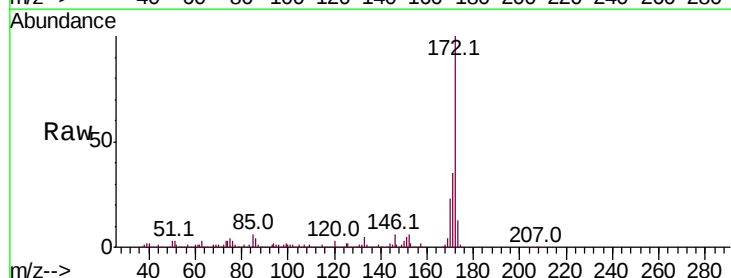


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

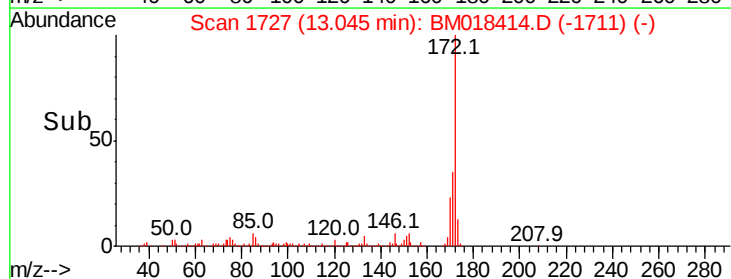
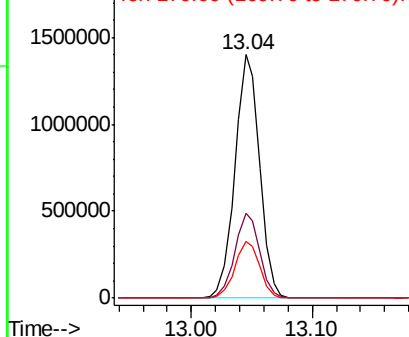


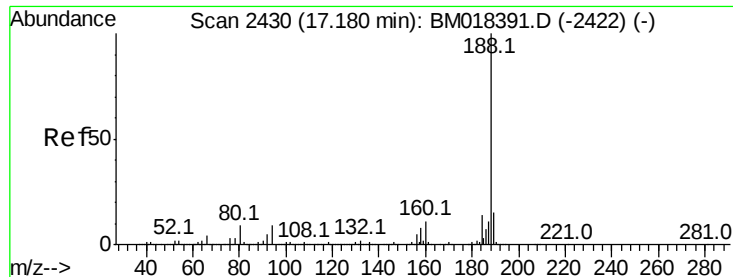
#45
 2-Fluorobiphenyl
 Concen: 24.333 ng
 RT: 13.04 min Scan# 1727
 Delta R.T. -0.01 min
 Lab File: BM018414.D
 Acq: 28 Dec 2018 01:51

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.0	28.2	42.4
170	23.2	18.9	28.3



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

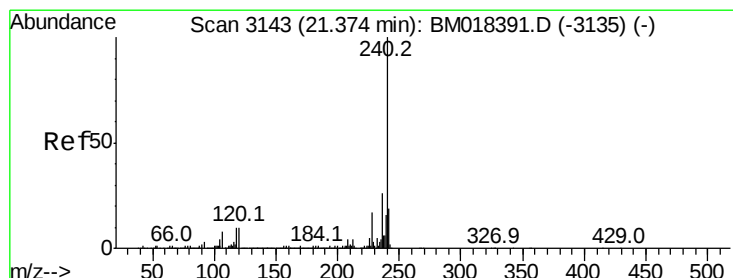
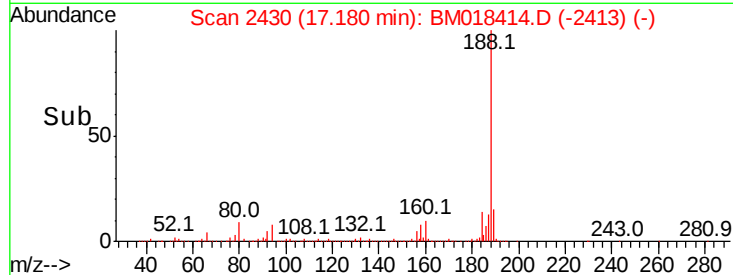
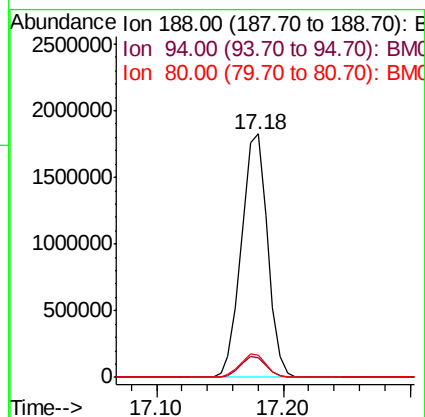
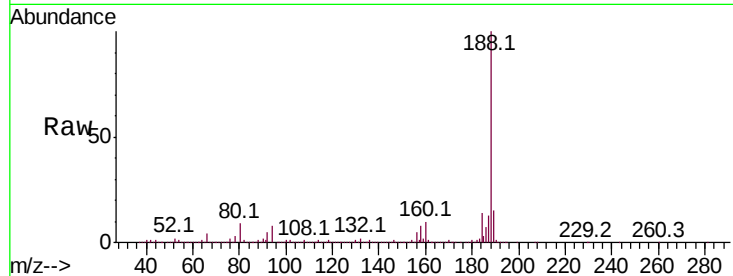




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.18 min Scan# 2430
Delta R.T. -0.00 min
Lab File: BM018414.D
Acq: 28 Dec 2018 01:51

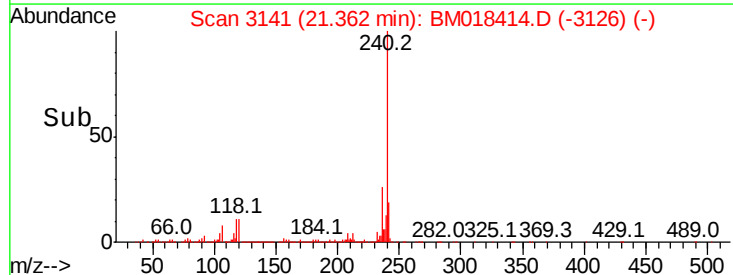
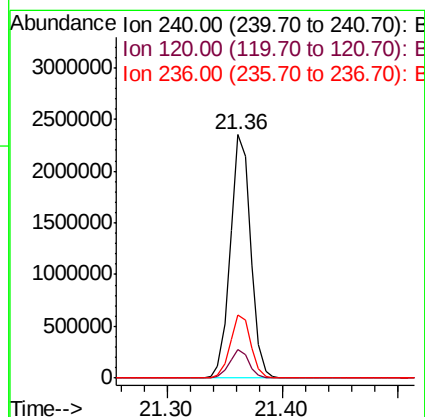
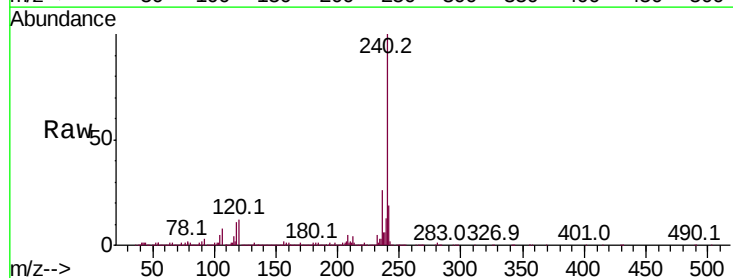
Instrument :
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ClientSampleId :
381218710-2

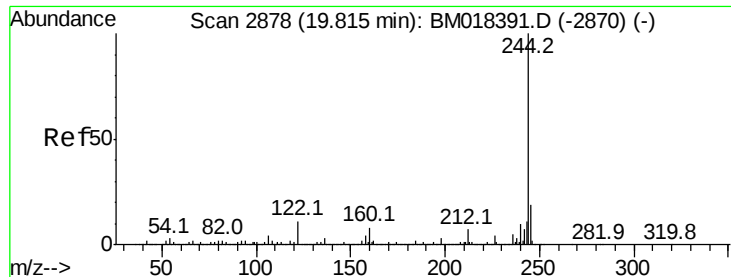
Tot Ion:188 Resp: 2598917
Ion Ratio Lower Upper
188 100
94 7.9 7.1 10.7
80 9.1 7.6 11.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.36 min Scan# 3141
Delta R.T. -0.01 min
Lab File: BM018414.D
Acq: 28 Dec 2018 01:51

Tgt Ion:240 Resp: 2860273
Ion Ratio Lower Upper
240 100
120 11.5 8.4 12.6
236 26.0 20.7 31.1





#79

Terphenyl-d14

Concen: 37.447 ng

RT: 19.81 min Scan# 2877

Delta R.T. -0.01 min

Lab File: BM018414.D

Acq: 28 Dec 2018 01:51

Instrument :

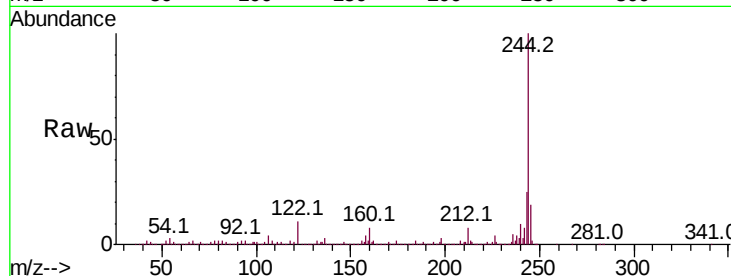
BNA_M

ClientSampleId :

381218710-2

Tot Ion:244 Resp: 5026434

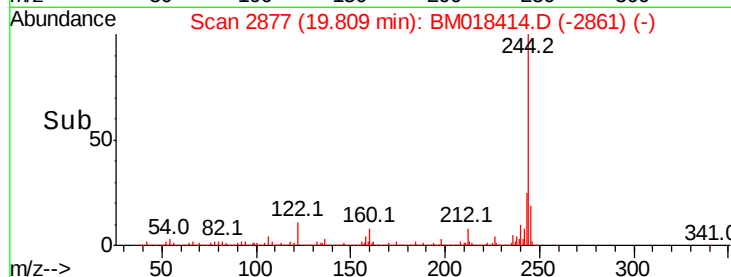
Ion	Ratio	Lower	Upper
244	100		
212	7.6	5.9	8.9
122	10.7	9.0	13.4



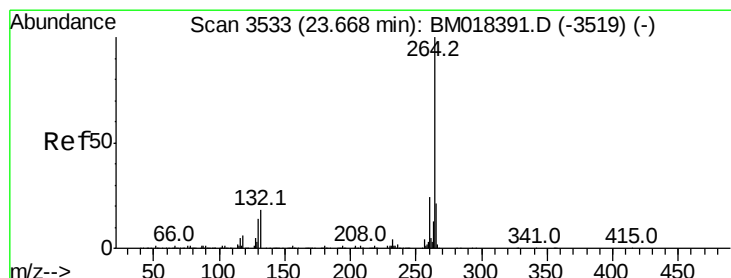
Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



Time-->



#87

Perylene-d12

Concen: 20.000 ng

RT: 23.66 min Scan# 3531

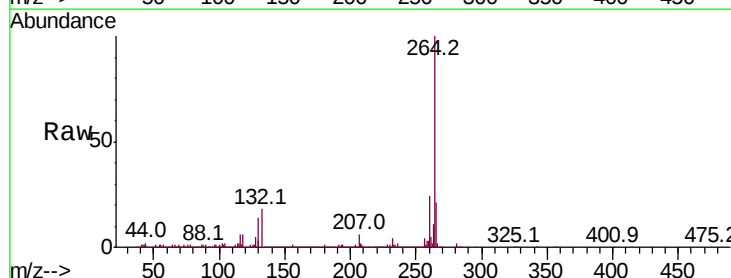
Delta R.T. -0.01 min

Lab File: BM018414.D

Acq: 28 Dec 2018 01:51

Tgt Ion:264 Resp: 2538156

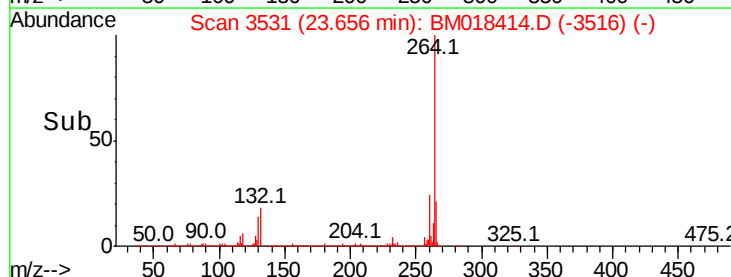
Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.9	28.3
265	21.3	16.8	25.2



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



Time-->