

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM122718\
 Data File : BM018410.D
 Acq On : 27 Dec 2018 23:28
 Operator : JU/SJ
 Sample : J6572-02
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 381204157-6

Quant Time: Dec 28 04:52:26 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	371678	20.00	ng	0.00
21) Naphthalene-d8	10.57	136	1692795	20.00	ng	0.00
39) Acenaphthene-d10	14.43	164	1037095	20.00	ng	0.00
64) Phenanthrene-d10	17.17	188	2408938	20.00	ng	0.00
76) Chrysene-d12	21.36	240	2637302	20.00	ng	-0.01
87) Perylene-d12	23.66	264	2738764	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	114905	5.83	ng	0.00
7) Phenol-d6	6.93	99	139692	5.10	ng	0.00
23) Nitrobenzene-d5	8.94	82	300584	10.19	ng	-0.01
42) 2,4,6-Tribromophenol	15.92	330	322816	24.50	ng	0.00
45) 2-Fluorobiphenyl	13.05	172	1069550	13.97	ng	0.00
79) Terphenyl-d14	19.80	244	3646038	29.46	ng	-0.01

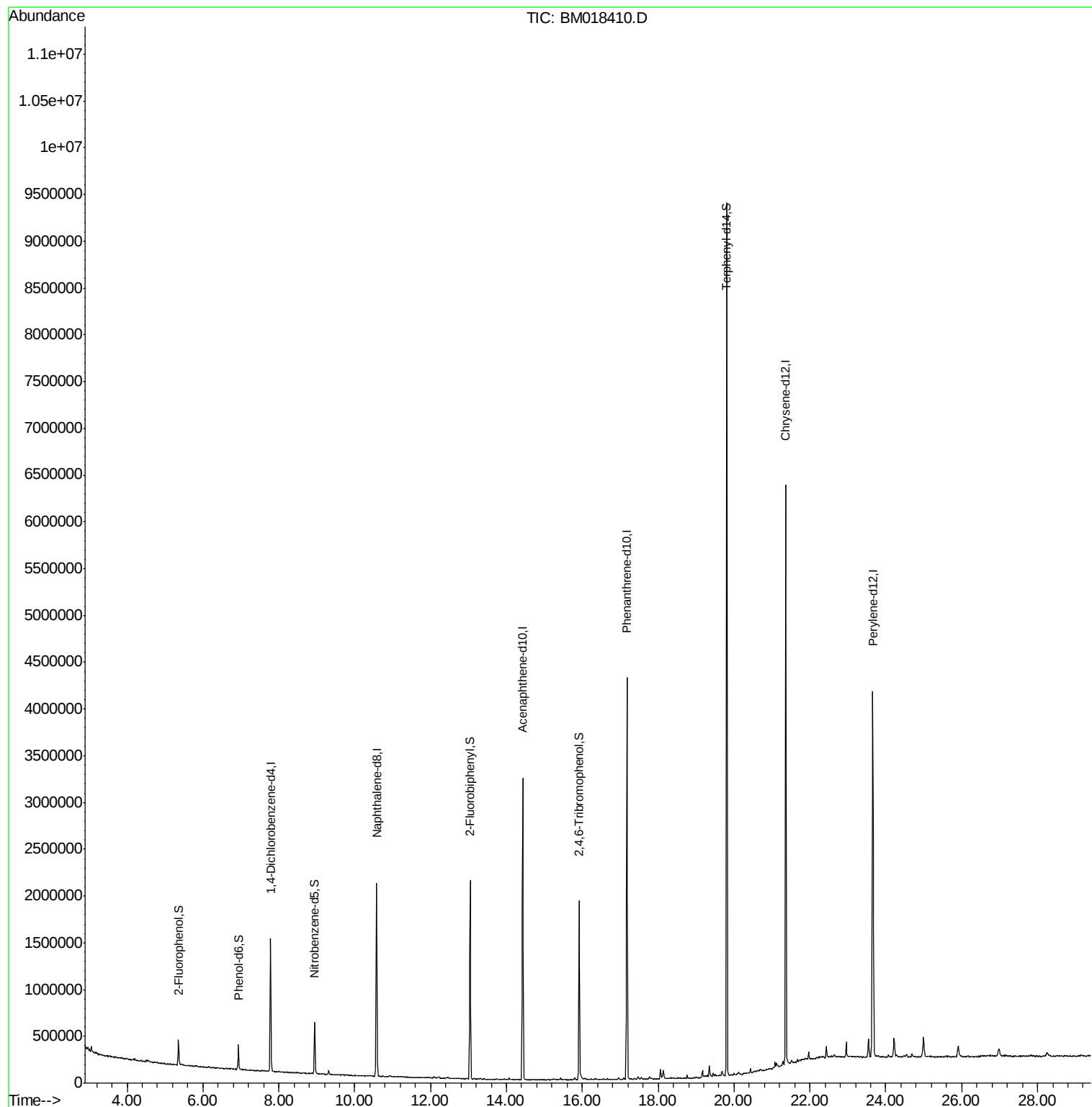
Target Compounds Qvalue

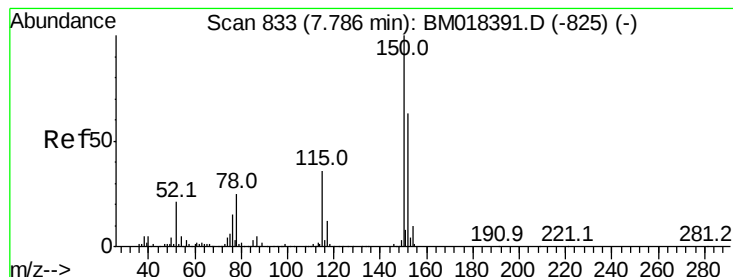
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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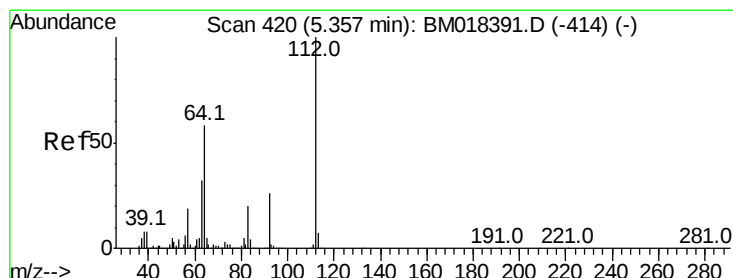
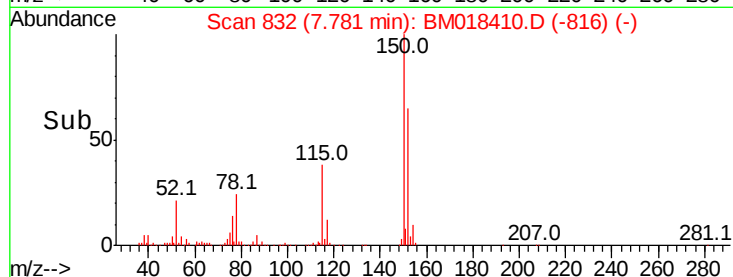
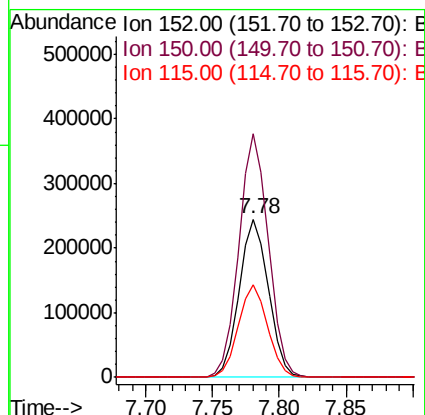
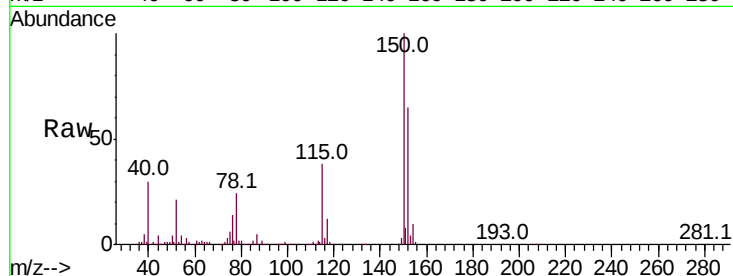


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.78 min Scan# 832
Delta R.T. -0.01 min
Lab File: BM018410.D
Acq: 27 Dec 2018 23:28

Instrument :
BNA_M
ClientSampleId :
381204157-6

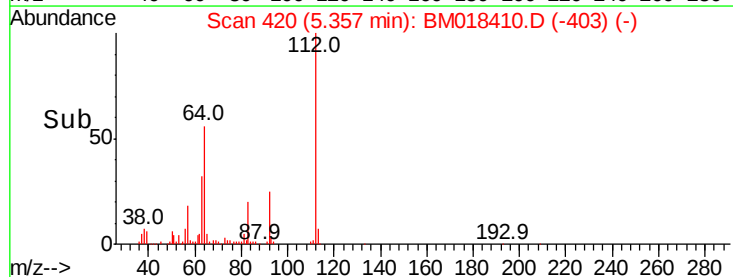
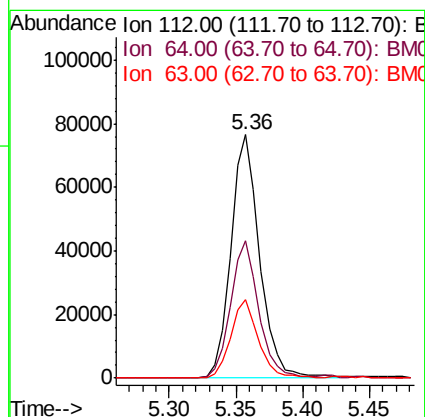
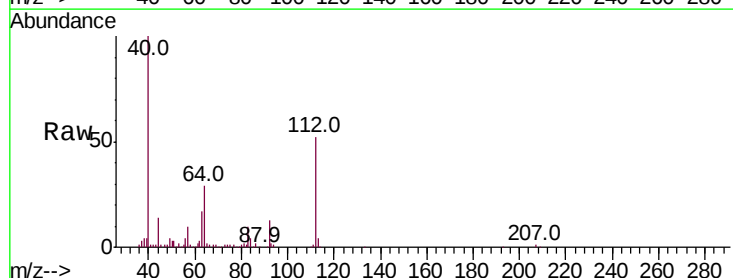
Tot Ion	Ratio	Lower	Upper
152	100		
150	153.7	126.9	190.3
115	58.6	45.5	68.3

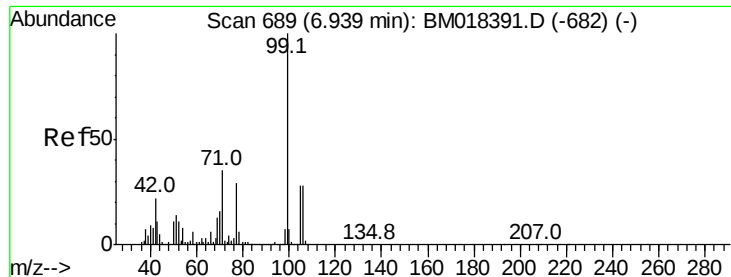


#5

2-Fluorophenol
Concen: 5.829 ng
RT: 5.36 min Scan# 420
Delta R.T. 0.00 min
Lab File: BM018410.D
Acq: 27 Dec 2018 23:28

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.4	46.5	69.7
63	32.2	25.2	37.8





#7

Phenol-d6

Concen: 5.103 ng

RT: 6.93 min Scan# 688

Delta R.T. -0.01 min

Lab File: BM018410.D

Acq: 27 Dec 2018 23:28

Instrument :

BNA_M

ClientSampleId :

381204157-6

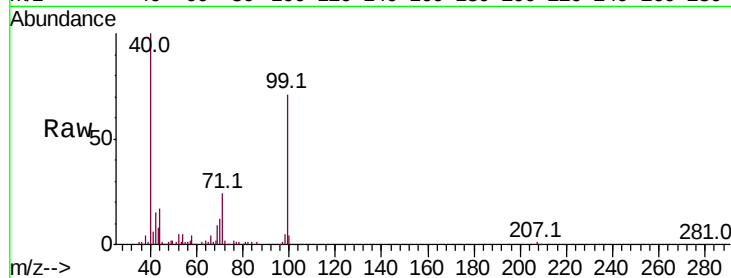
Tot Ion: 99 Resp: 139692

Ion Ratio Lower Upper

99 100

42 21.1 17.3 25.9

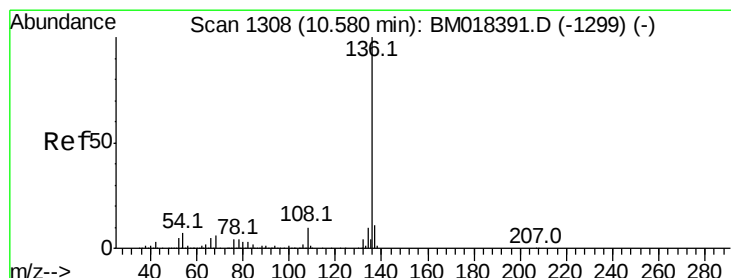
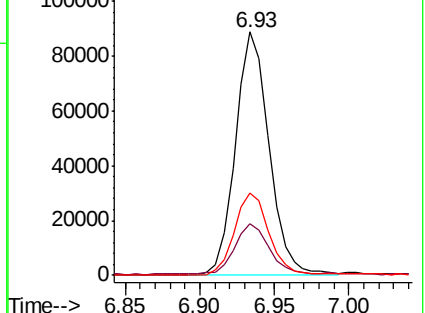
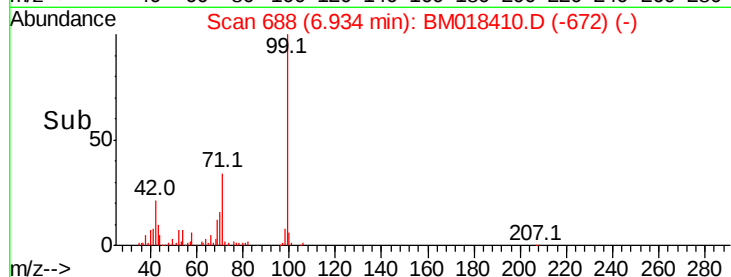
71 34.0 28.0 42.0



Abundance Ion 99.00 (98.70 to 99.70): BM018410.D (-672) (-)

Ion 42.00 (41.70 to 42.70): BM018410.D (-672) (-)

Ion 71.00 (70.70 to 71.70): BM018410.D (-672) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.57 min Scan# 1307

Delta R.T. -0.01 min

Lab File: BM018410.D

Acq: 27 Dec 2018 23:28

Tgt Ion: 136 Resp: 1692795

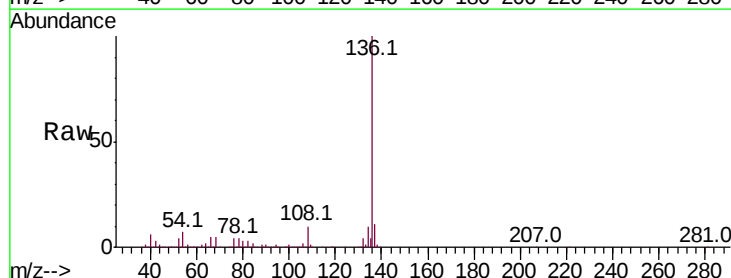
Ion Ratio Lower Upper

136 100

137 10.8 8.5 12.7

54 7.1 6.0 9.0

68 5.1 4.5 6.7

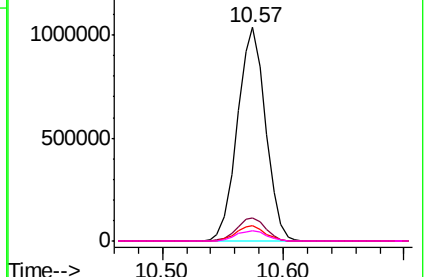
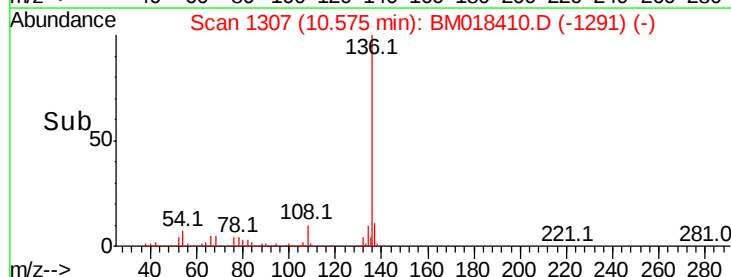


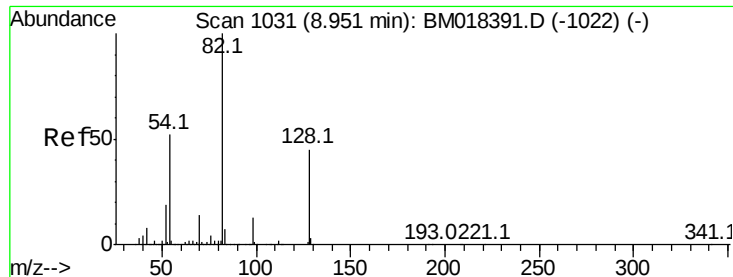
Abundance Ion 136.00 (135.70 to 136.70): BM018410.D (-1291) (-)

Ion 137.00 (136.70 to 137.70): BM018410.D (-1291) (-)

Ion 54.00 (53.70 to 54.70): BM018410.D (-1291) (-)

Ion 68.00 (67.70 to 68.70): BM018410.D (-1291) (-)

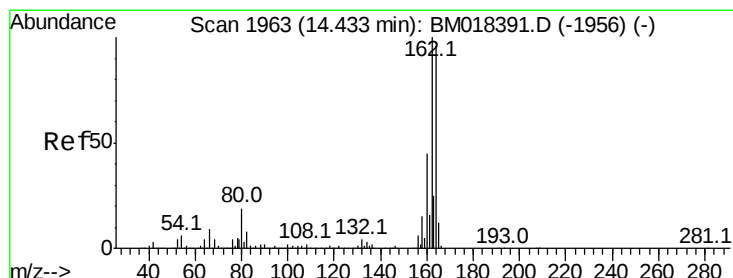
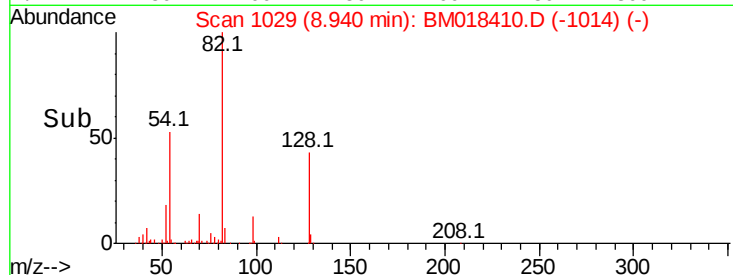
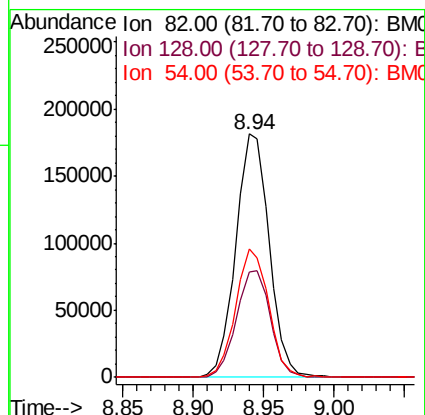
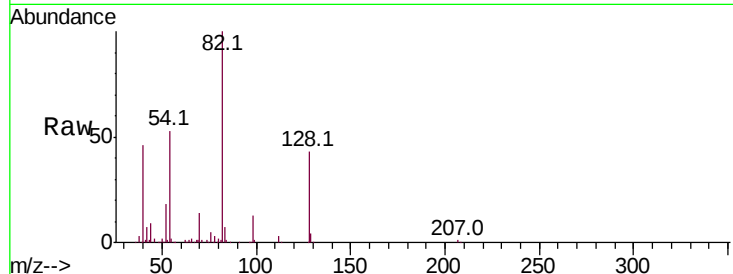




#23
Nitrobenzene-d5
Concen: 10.191 ng
RT: 8.94 min Scan# 1029
Delta R.T. -0.01 min
Lab File: BM018410.D
Acq: 27 Dec 2018 23:28

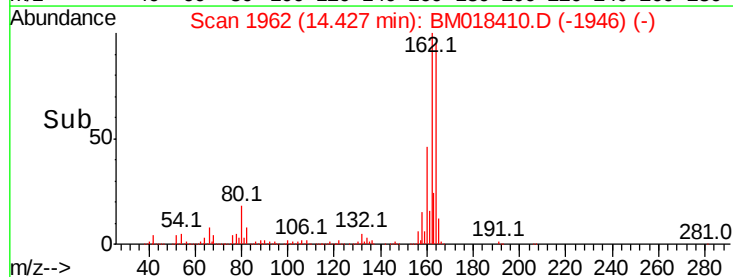
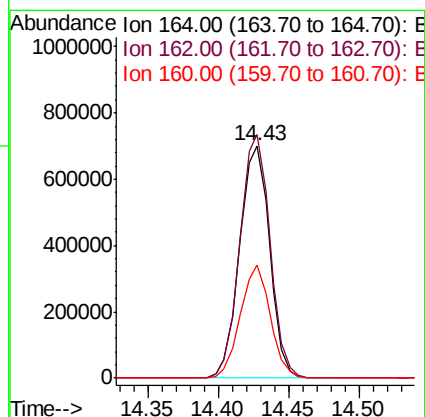
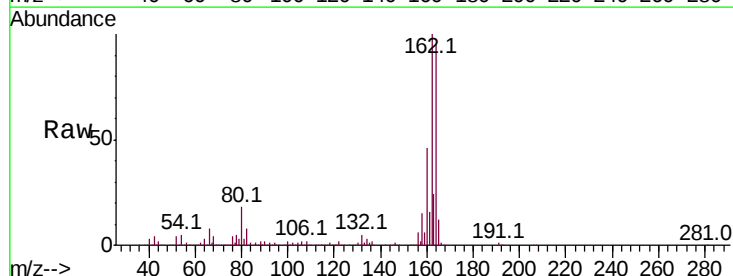
Instrument :
BNA_M
ClientSampleId :
381204157-6

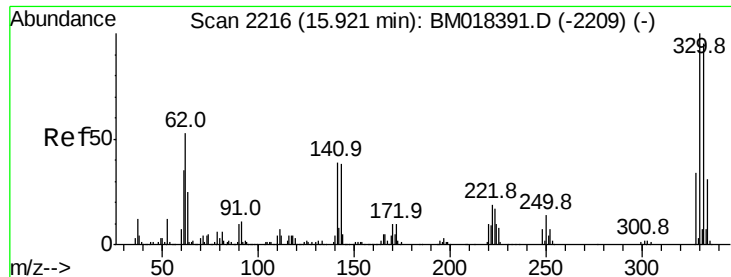
Tot Ion	82	Resp	300584
Ion Ratio	Lower	Upper	
82	100		
128	43.1	36.3	54.5
54	52.5	41.7	62.5



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.43 min Scan# 1962
Delta R.T. -0.01 min
Lab File: BM018410.D
Acq: 27 Dec 2018 23:28

Tgt Ion	164	Resp	1037095
Ion Ratio	Lower	Upper	
164	100		
162	104.9	83.0	124.4
160	48.6	37.1	55.7

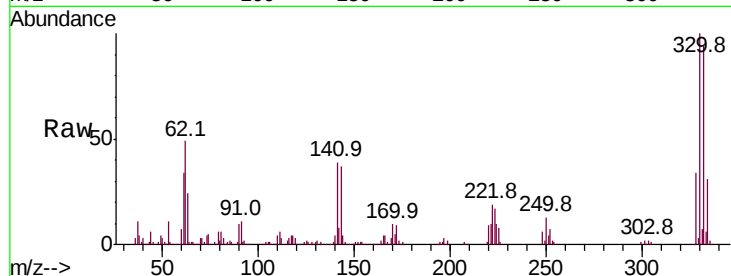




#42
 2,4,6-Tribromophenol
 Concen: 24.498 ng
 RT: 15.92 min Scan# 2215
 Delta R.T. -0.01 min
 Lab File: BM018410.D
 Acq: 27 Dec 2018 23:28

Instrument :
 BNA_M
 ClientSampleId :
 381204157-6

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.8	77.6	116.4
141	39.1	31.7	47.5

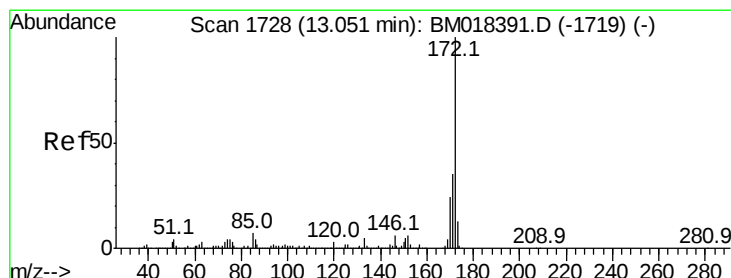
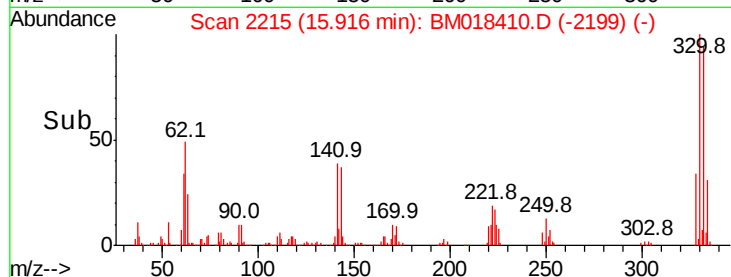
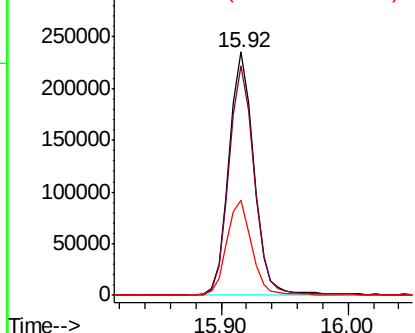


Abundance

Ion 329.80 (329.50 to 330.50): E

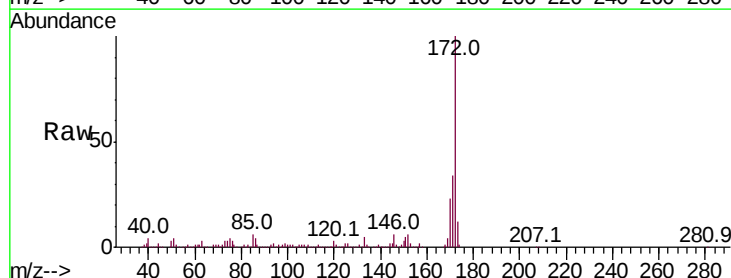
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 13.968 ng
 RT: 13.05 min Scan# 1727
 Delta R.T. -0.01 min
 Lab File: BM018410.D
 Acq: 27 Dec 2018 23:28

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.4	28.2	42.4
170	22.6	18.9	28.3

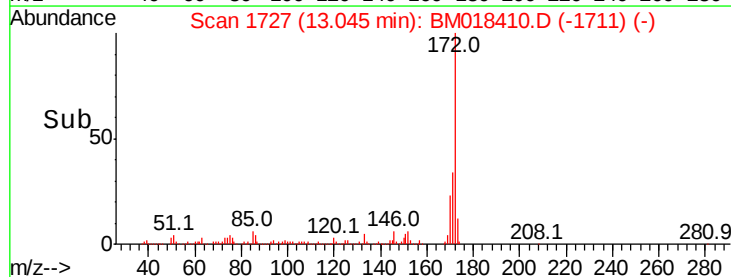
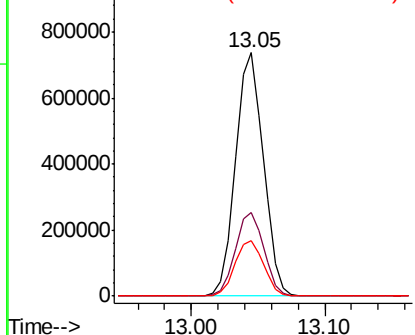


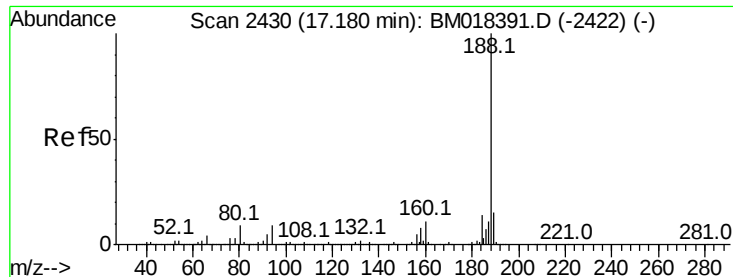
Abundance

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

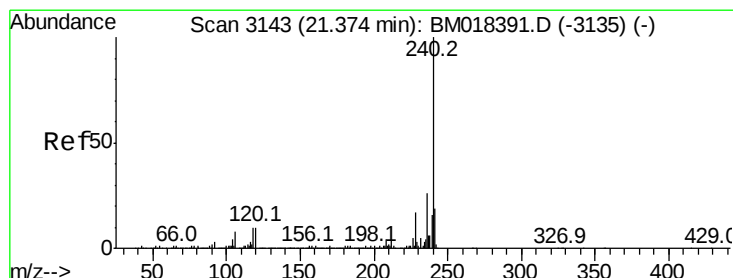
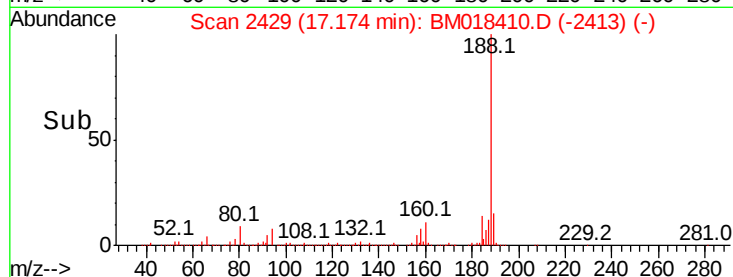
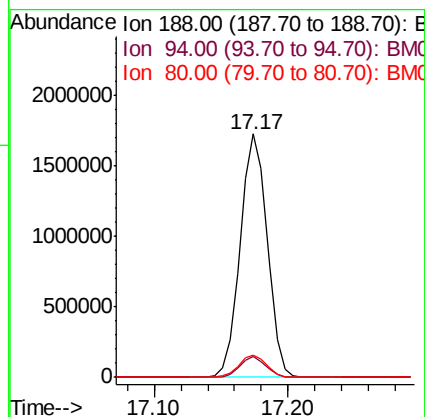
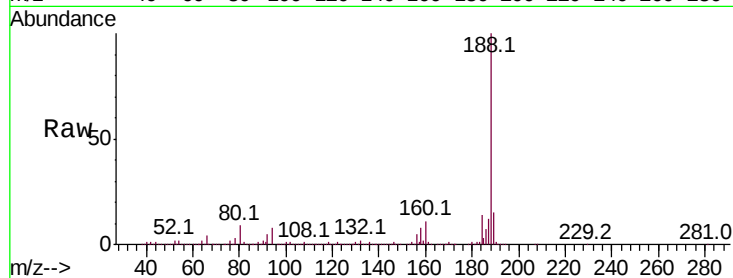




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.17 min Scan# 2429
Delta R.T. -0.01 min
Lab File: BM018410.D
Acq: 27 Dec 2018 23:28

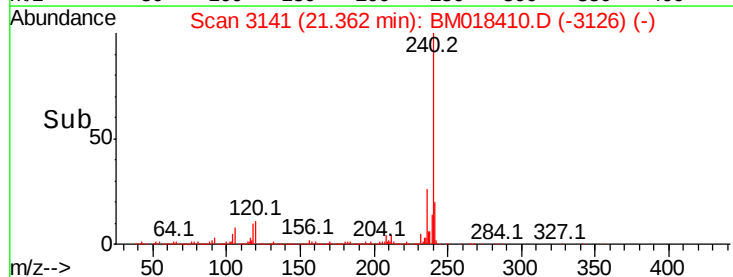
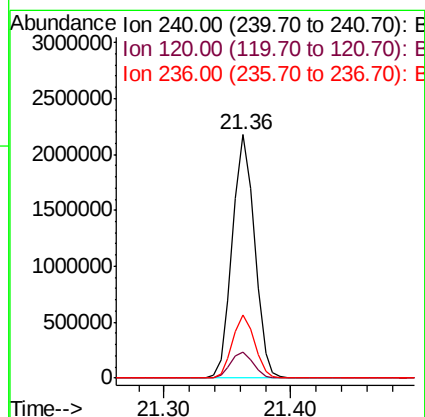
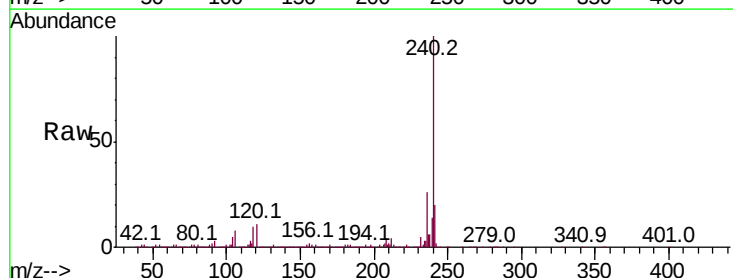
Instrument :
BNA_M
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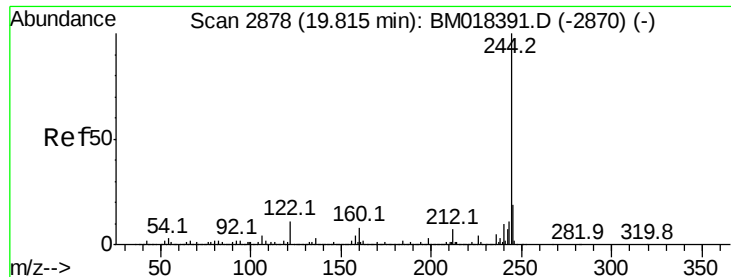
Tot Ion:188 Resp: 2408938
Ion Ratio Lower Upper
188 100
94 8.4 7.1 10.7
80 9.3 7.6 11.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.36 min Scan# 3141
Delta R.T. -0.01 min
Lab File: BM018410.D
Acq: 27 Dec 2018 23:28

Tgt Ion:240 Resp: 2637302
Ion Ratio Lower Upper
240 100
120 10.9 8.4 12.6
236 26.1 20.7 31.1





#79

Terphenyl-d14

Concen: 29.459 ng

RT: 19.80 min Scan# 2876

Delta R.T. -0.01 min

Lab File: BM018410.D

Acq: 27 Dec 2018 23:28

Instrument :

BNA_M

ClientSampleId :

381204157-6

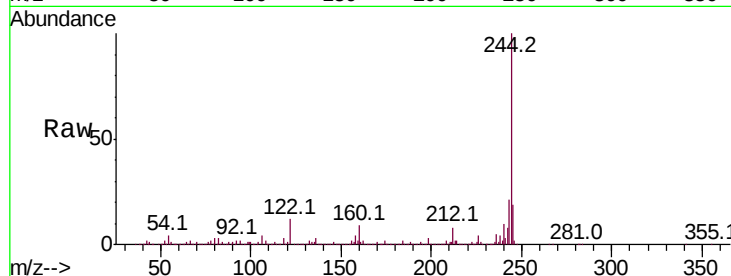
Tot Ion:244 Resp: 3646038

Ion Ratio Lower Upper

244 100

212 8.1 5.9 8.9

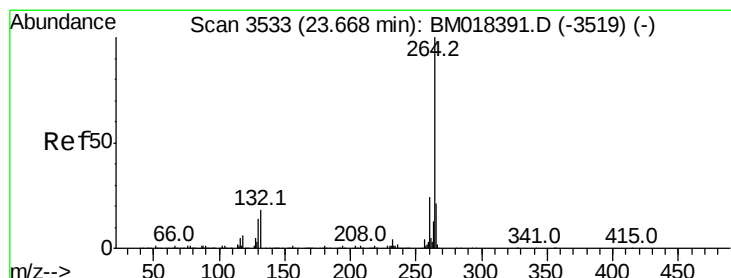
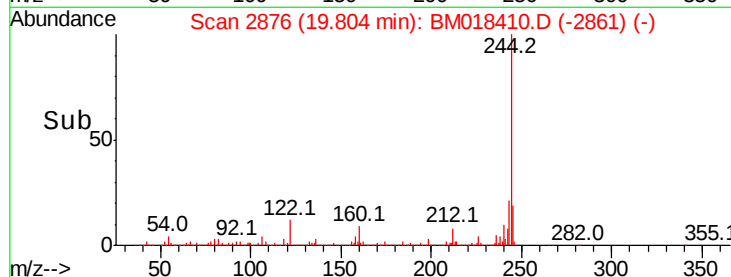
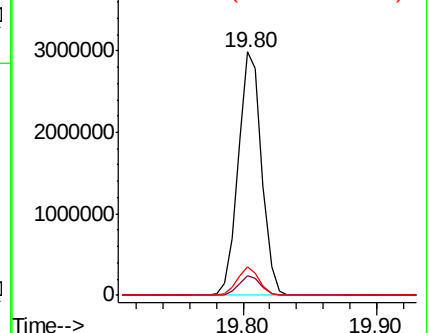
122 11.6 9.0 13.4



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



#87

Perylene-d12

Concen: 20.000 ng

RT: 23.66 min Scan# 3531

Delta R.T. -0.01 min

Lab File: BM018410.D

Acq: 27 Dec 2018 23:28

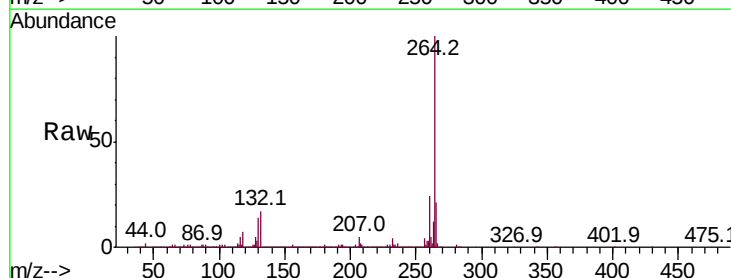
Tgt Ion:264 Resp: 2738764

Ion Ratio Lower Upper

264 100

260 23.9 18.9 28.3

265 20.9 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

