

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM030419\
 Data File : BM019024.D
 Acq On : 05 Mar 2019 00:29
 Operator : JU/SJ
 Sample : K1712-22
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 Z-2-4

Quant Time: Mar 05 04:25:10 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM021119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 05 03:36:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	249518	20.00	ng	0.00
21) Naphthalene-d8	10.46	136	975464	20.00	ng	0.00
39) Acenaphthene-d10	14.33	164	531021	20.00	ng	0.00
64) Phenanthrene-d10	17.09	188	1039387	20.00	ng	0.00
76) Chrysene-d12	21.28	240	799424	20.00	ng	0.00
87) Perylene-d12	23.53	264	850515	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.28	112	2173870	142.75	ng	0.00
7) Phenol-d6	6.86	99	2728831	127.20	ng	0.00
23) Nitrobenzene-d5	8.85	82	2158106	102.30	ng	0.00
42) 2,4,6-Tribromophenol	15.83	330	1088572	142.21	ng	0.00
45) 2-Fluorobiphenyl	12.95	172	4045870	101.14	ng	0.00
79) Terphenyl-d14	19.72	244	4807170	124.05	ng	0.00

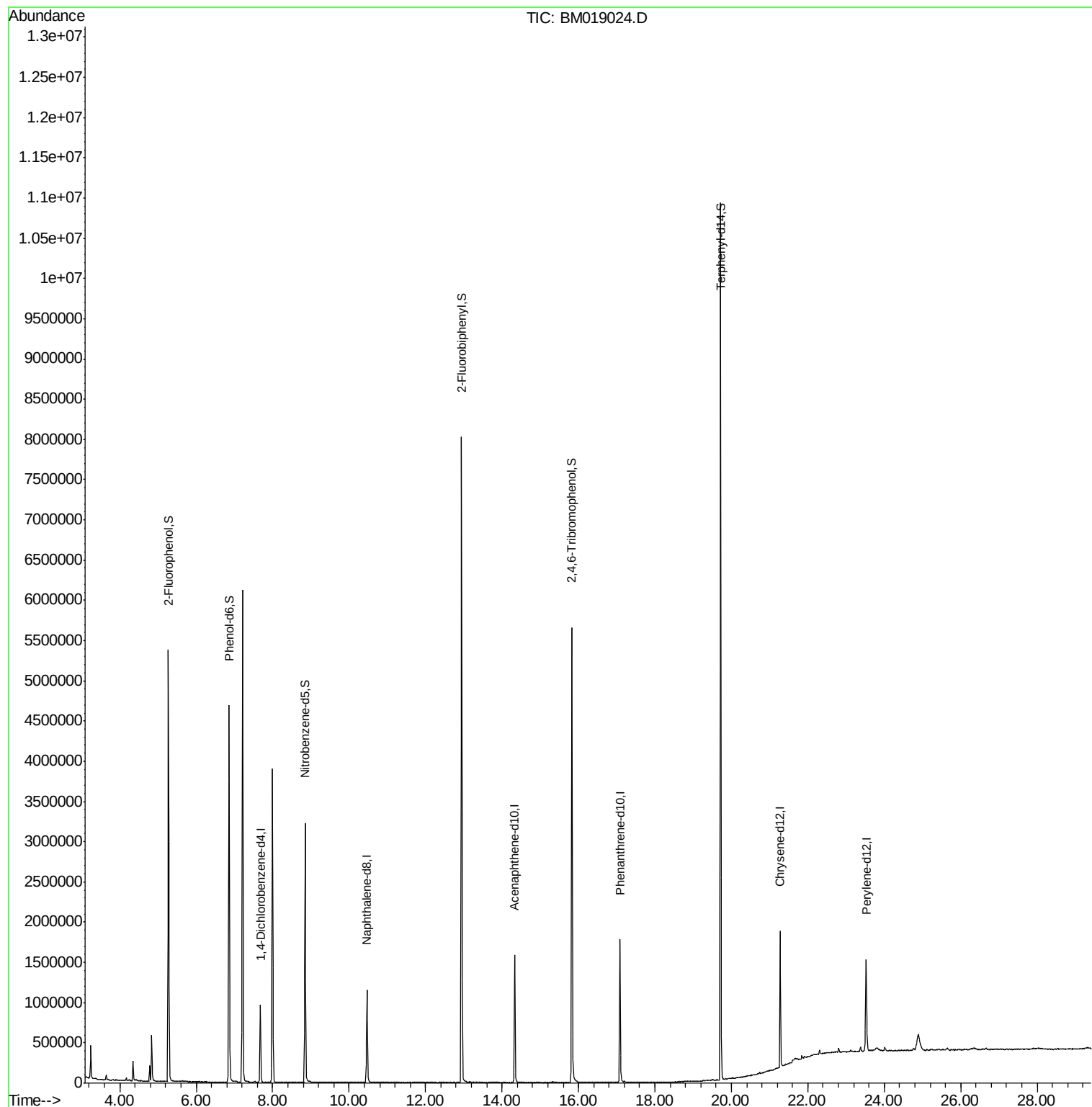
Target Compounds Qvalue

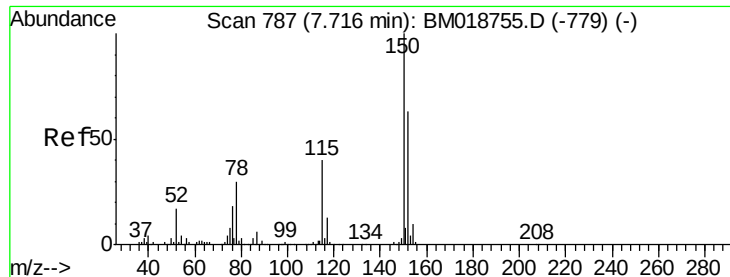
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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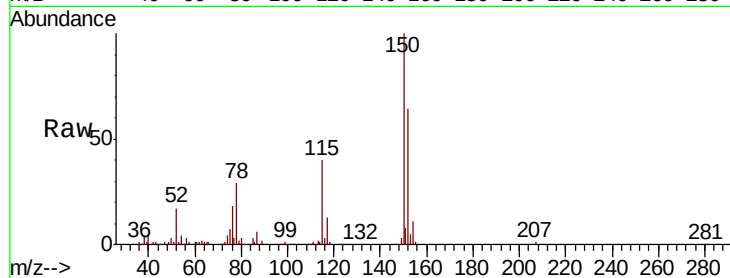


#1

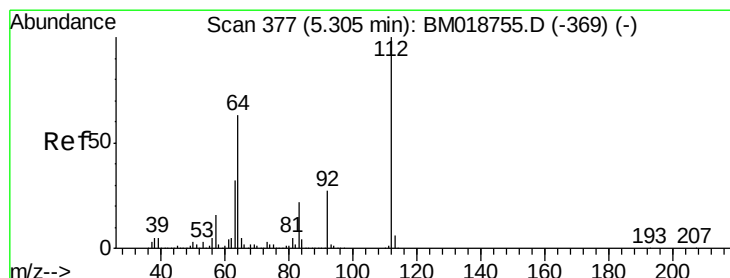
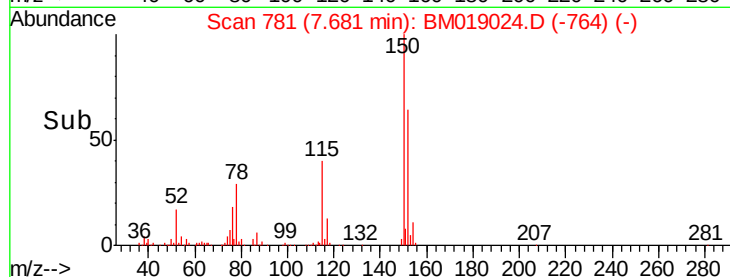
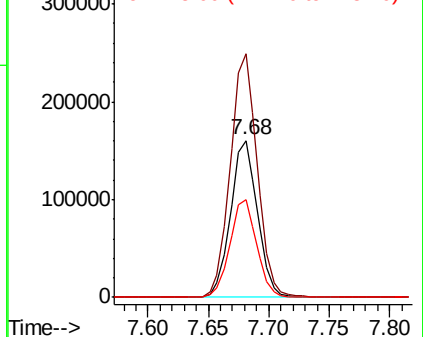
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.68 min Scan# 781
Delta R.T. 0.00 min
Lab File: BM019024.D
Acq: 05 Mar 2019 00:29

Instrument :
BNA_M
ClientSampleId :
Z-2-4

Tot Ion:152 Resp: 249518
Ion Ratio Lower Upper
152 100
150 155.5 127.3 190.9
115 62.5 50.8 76.2



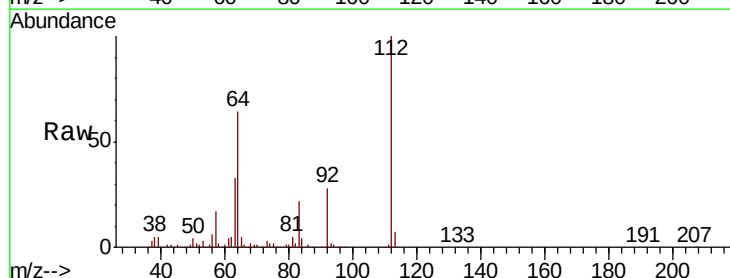
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



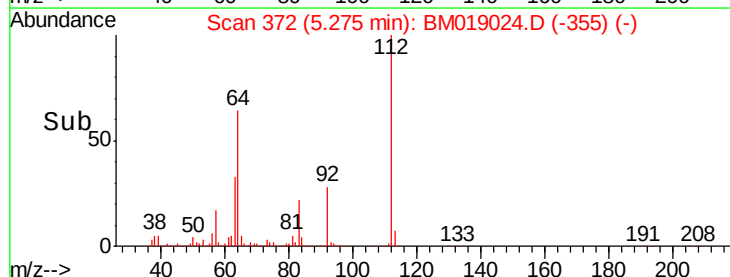
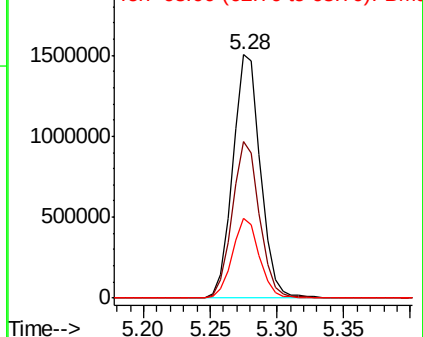
#5

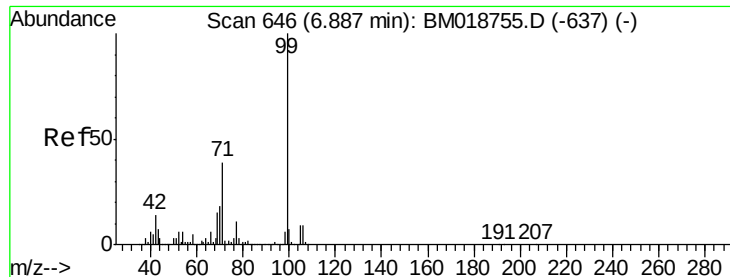
2-Fluorophenol
Concen: 142.748 ng
RT: 5.28 min Scan# 372
Delta R.T. 0.00 min
Lab File: BM019024.D
Acq: 05 Mar 2019 00:29

Tgt Ion:112 Resp: 2173870
Ion Ratio Lower Upper
112 100
64 64.2 50.6 75.8
63 33.0 25.7 38.5



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: 127.198 ng

RT: 6.86 min Scan# 641

Delta R.T. 0.00 min

Lab File: BM019024.D

Acq: 05 Mar 2019 00:29

Instrument :

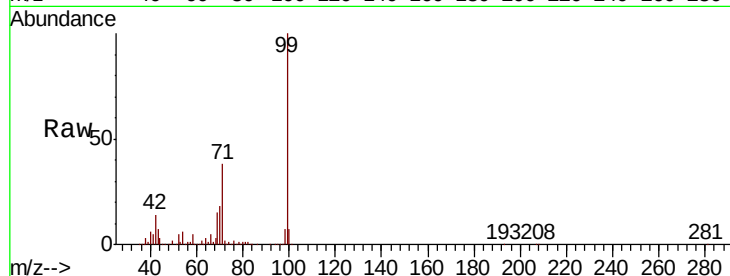
BNA_M

ClientSampleId :

Z-2-4

Tot Ion: 99 Resp: 2728831

Ion	Ratio	Lower	Upper
99	100		
42	14.0	11.0	16.6
71	37.5	31.3	46.9

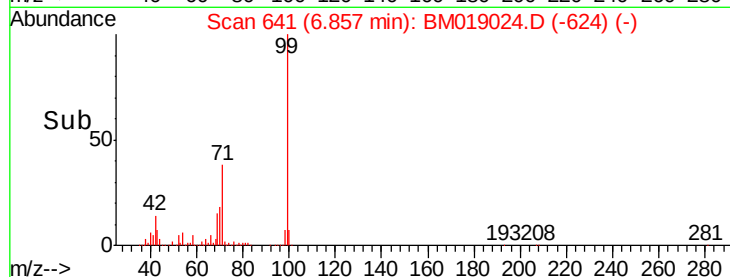


Abundance Ion 99.00 (98.70 to 99.70): BM018755.D (-637) (-)

Ion 42.00 (41.70 to 42.70): BM018755.D (-637) (-)

Ion 71.00 (70.70 to 71.70): BM018755.D (-637) (-)

Time-->



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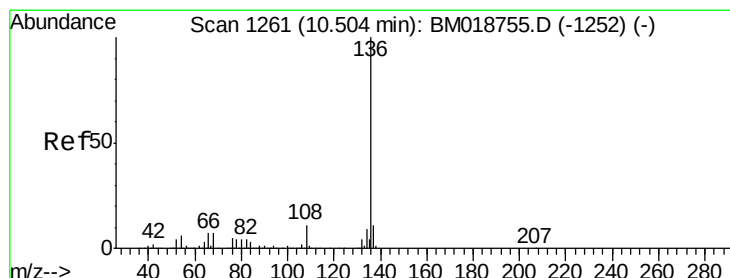
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#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.46 min Scan# 1254

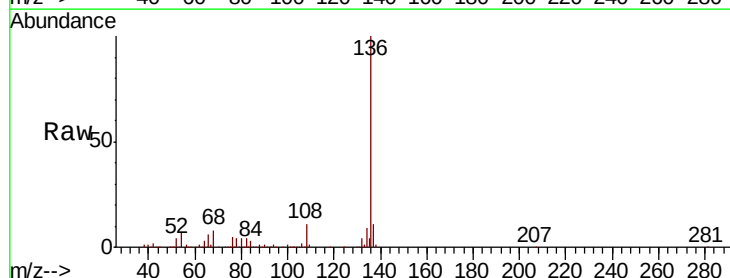
Delta R.T. -0.01 min

Lab File: BM019024.D

Acq: 05 Mar 2019 00:29

Tgt Ion: 136 Resp: 975464

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	7.1	5.0	7.6
68	7.7	5.5	8.3



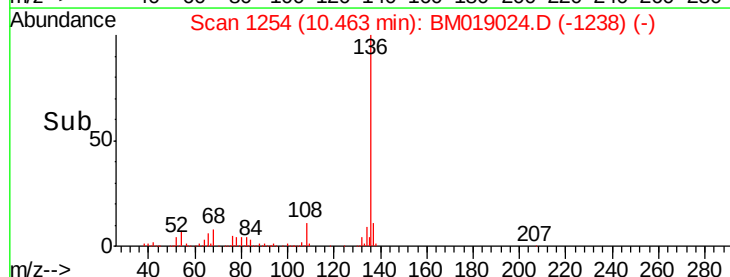
Abundance Ion 136.00 (135.70 to 136.70): BM018755.D (-1252) (-)

Ion 137.00 (136.70 to 137.70): BM018755.D (-1252) (-)

Ion 54.00 (53.70 to 54.70): BM018755.D (-1252) (-)

Ion 68.00 (67.70 to 68.70): BM018755.D (-1252) (-)

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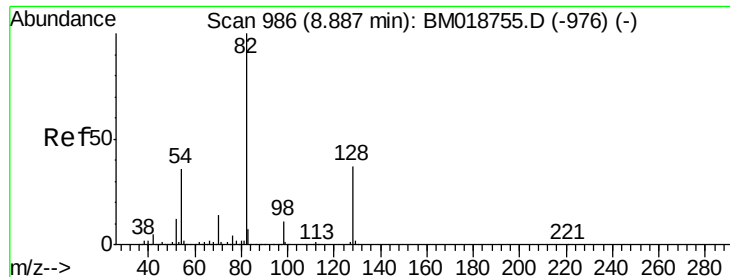
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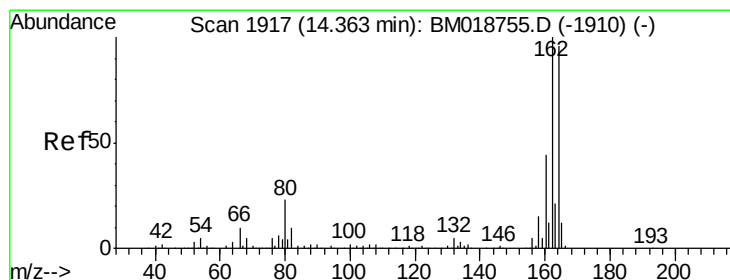
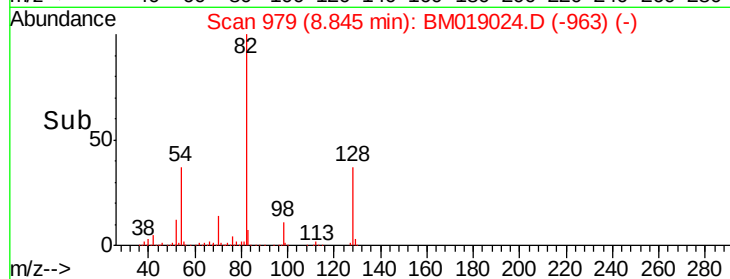
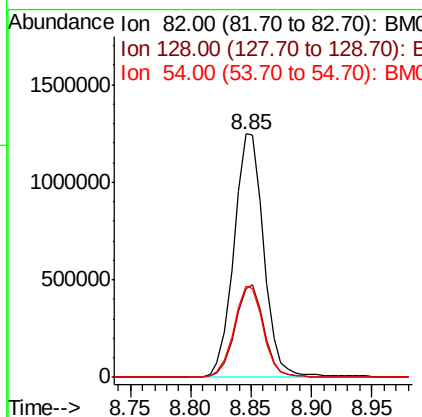
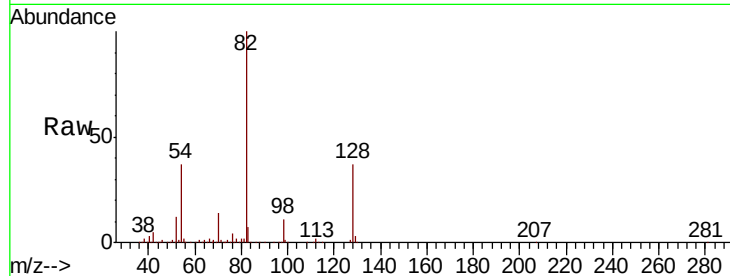


#23
 Nitrobenzene-d5
 Concen: 102.298 ng
 RT: 8.85 min Scan# 979
 Delta R.T. -0.01 min
 Lab File: BM019024.D
 Acq: 05 Mar 2019 00:29

Instrument :
 BNA_M
 ClientSampleId :
 Z-2-4

Tot Ion: 82 Resp: 2158106

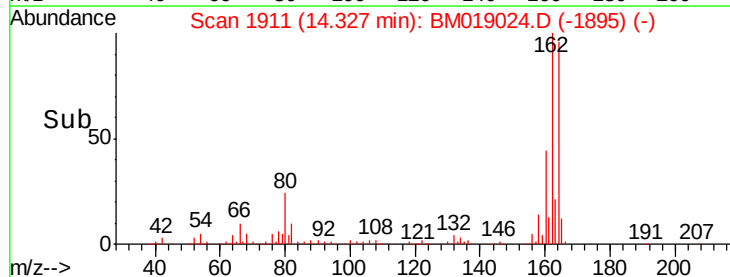
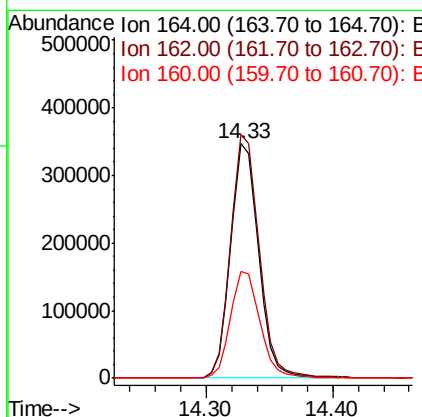
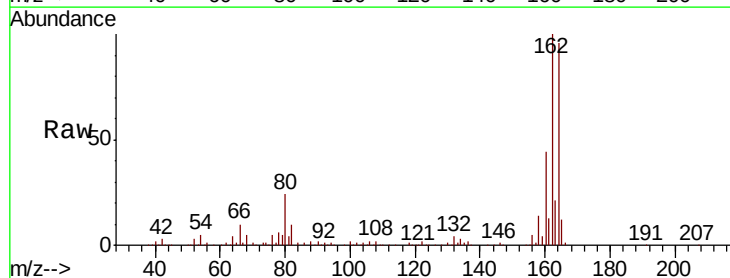
Ion	Ratio	Lower	Upper
82	100		
128	36.6	29.9	44.9
54	37.5	29.1	43.7

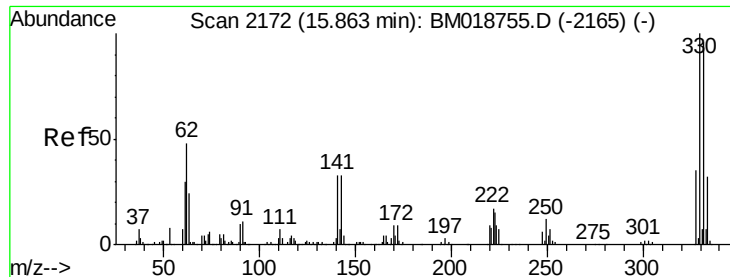


#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.33 min Scan# 1911
 Delta R.T. -0.01 min
 Lab File: BM019024.D
 Acq: 05 Mar 2019 00:29

Tgt Ion:164 Resp: 531021

Ion	Ratio	Lower	Upper
164	100		
162	104.0	83.4	125.0
160	45.4	36.6	55.0

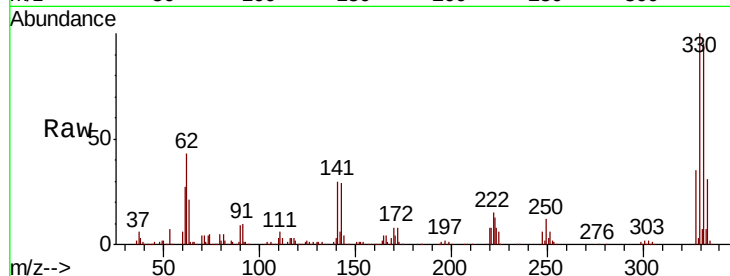




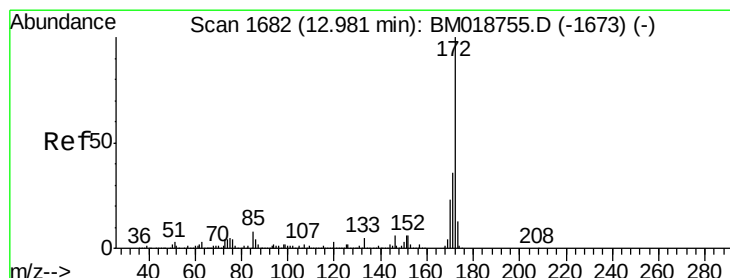
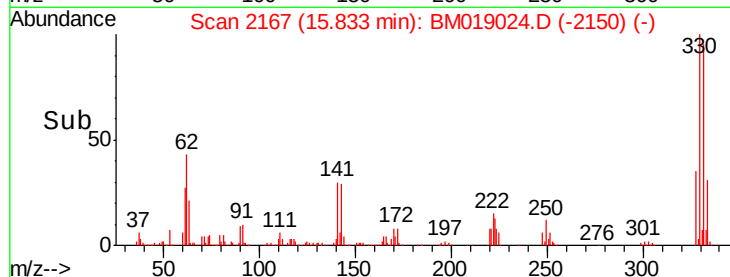
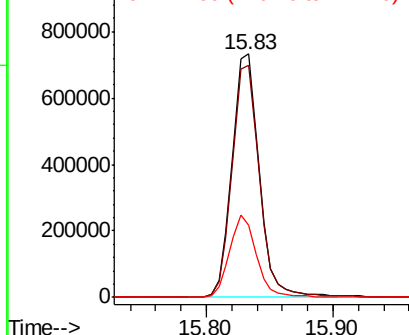
#42
 2,4,6-Tribromophenol
 Concen: 142.213 ng
 RT: 15.83 min Scan# 2167
 Delta R.T. 0.00 min
 Lab File: BM019024.D
 Acq: 05 Mar 2019 00:29

Instrument :
 BNA_M
 ClientSampled :
 Z-2-4

Tot Ion:330 Resp: 1088572
 Ion Ratio Lower Upper
 330 100
 332 96.0 76.9 115.3
 141 33.4 28.7 43.1

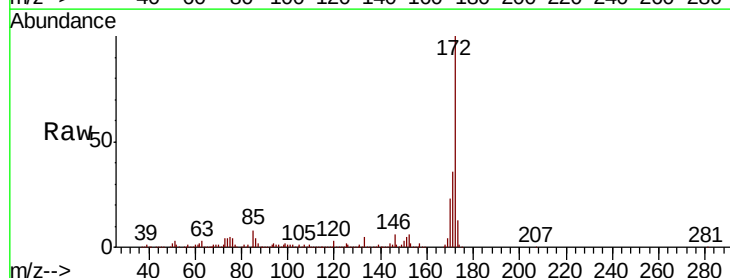


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

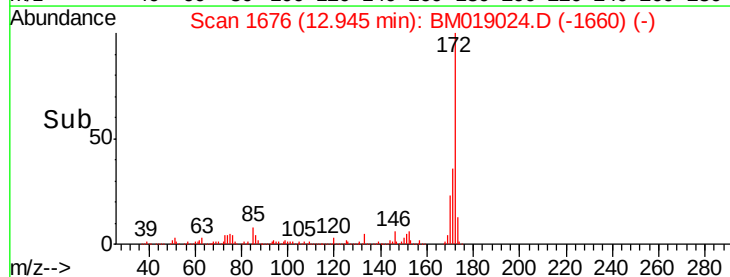
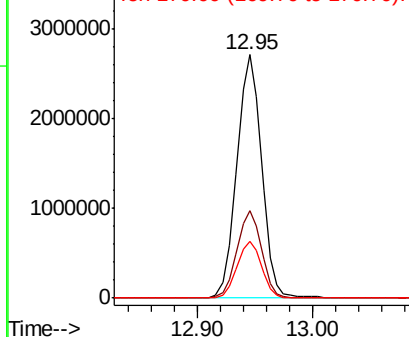


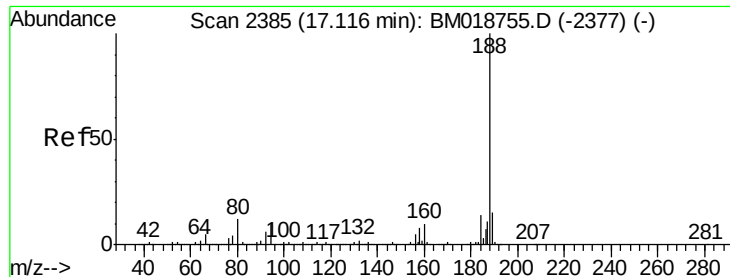
#45
 2-Fluorobiphenyl
 Concen: 101.141 ng
 RT: 12.95 min Scan# 1676
 Delta R.T. -0.01 min
 Lab File: BM019024.D
 Acq: 05 Mar 2019 00:29

Tgt Ion:172 Resp: 4045870
 Ion Ratio Lower Upper
 172 100
 171 36.1 29.0 43.6
 170 23.2 18.6 28.0



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

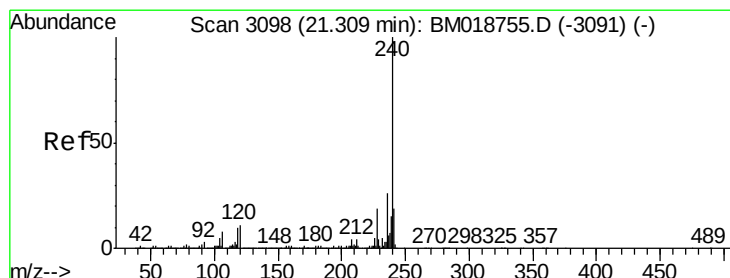
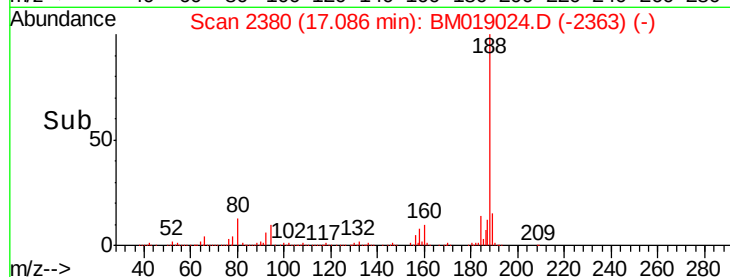
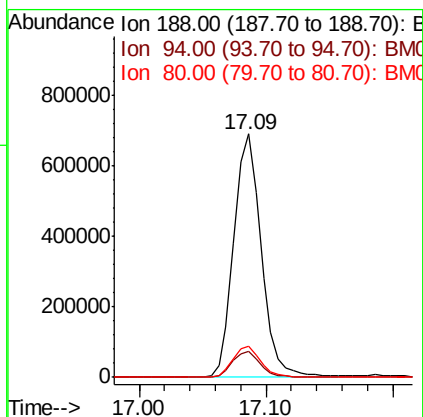
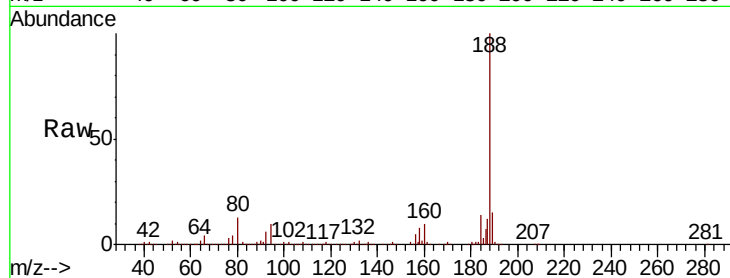




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.09 min Scan# 2380
Delta R.T. 0.00 min
Lab File: BM019024.D
Acq: 05 Mar 2019 00:29

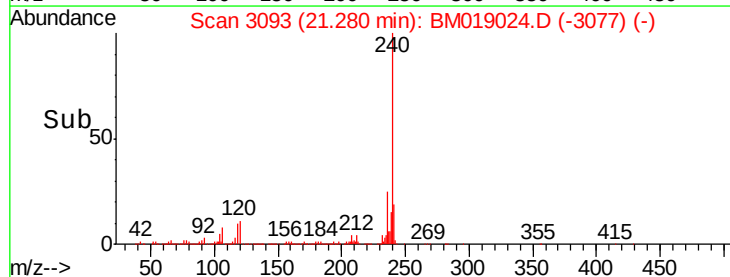
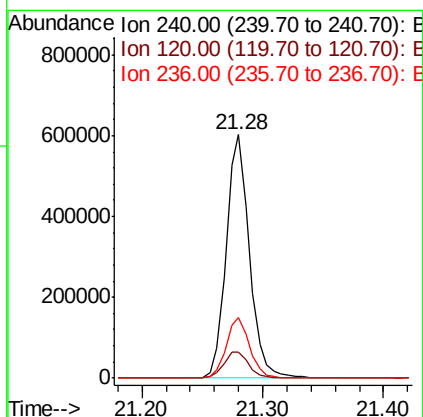
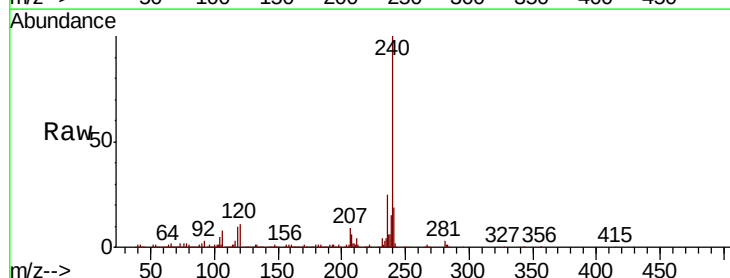
Instrument :
BNA_M
ClientSampleId :
Z-2-4

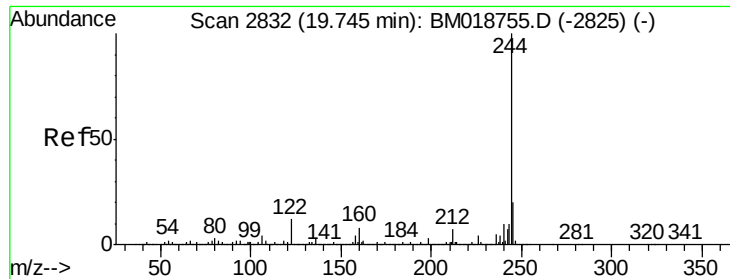
Tot Ion:188 Resp: 1039387
Ion Ratio Lower Upper
188 100
94 10.4 8.2 12.2
80 12.6 9.7 14.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.28 min Scan# 3093
Delta R.T. -0.01 min
Lab File: BM019024.D
Acq: 05 Mar 2019 00:29

Tgt Ion:240 Resp: 799424
Ion Ratio Lower Upper
240 100
120 10.9 8.9 13.3
236 25.1 20.9 31.3

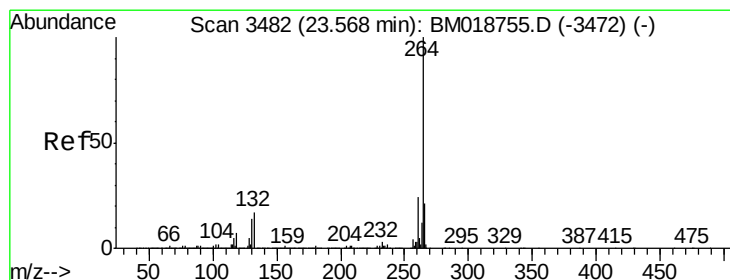
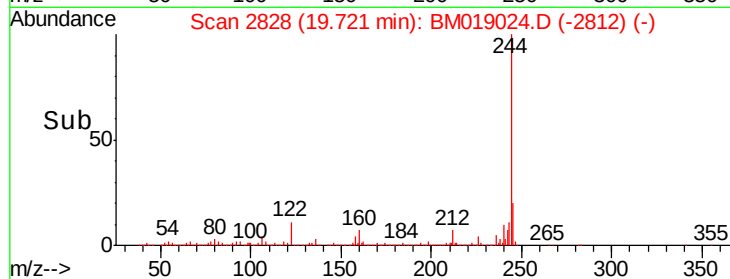
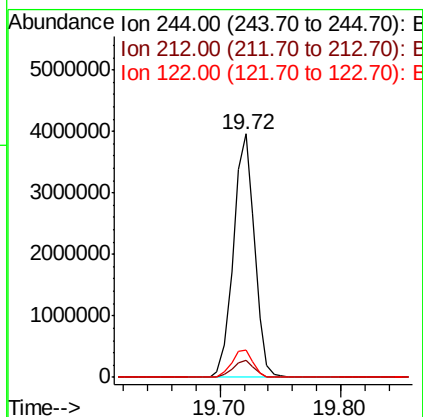
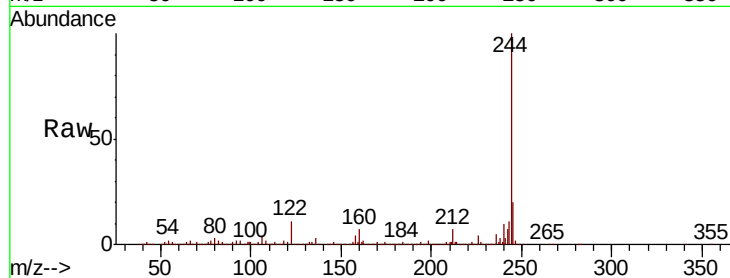




#79
 Terphenyl-d14
 Concen: 124.048 ng
 RT: 19.72 min Scan# 2828
 Delta R.T. -0.01 min
 Lab File: BM019024.D
 Acq: 05 Mar 2019 00:29

Instrument :
 BNA_M
 ClientSampleId :
 Z-2-4

Tot Ion:244 Resp: 4807170
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.6 8.4
 122 11.1 9.3 13.9



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.53 min Scan# 3475
 Delta R.T. -0.01 min
 Lab File: BM019024.D
 Acq: 05 Mar 2019 00:29

Tgt Ion:264 Resp: 850515
 Ion Ratio Lower Upper
 264 100
 260 23.3 18.9 28.3
 265 22.0 17.3 25.9

