

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM032019\
 Data File : BM019283.D
 Acq On : 21 Mar 2019 05:16
 Operator : JU/SJ
 Sample : K1688-34
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Mar 21 17:18:06 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM031119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 21 17:06:23 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	179485	20.00	ng	0.00
21) Naphthalene-d8	10.42	136	735149	20.00	ng	0.00
39) Acenaphthene-d10	14.29	164	472629	20.00	ng	0.00
64) Phenanthrene-d10	17.04	188	1016797	20.00	ng	0.00
76) Chrysene-d12	21.24	240	771976	20.00	ng	0.00
87) Perylene-d12	23.47	264	755284	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.23	112	1420485	128.17	ng	0.00
7) Phenol-d6	6.82	99	1854489	114.40	ng	0.00
23) Nitrobenzene-d5	8.80	82	1384814	89.04	ng	0.00
42) 2,4,6-Tribromophenol	15.79	330	975834	139.84	ng	0.00
45) 2-Fluorobiphenyl	12.90	172	2934653	80.77	ng	0.00
79) Terphenyl-d14	19.69	244	4513325	116.06	ng	0.00

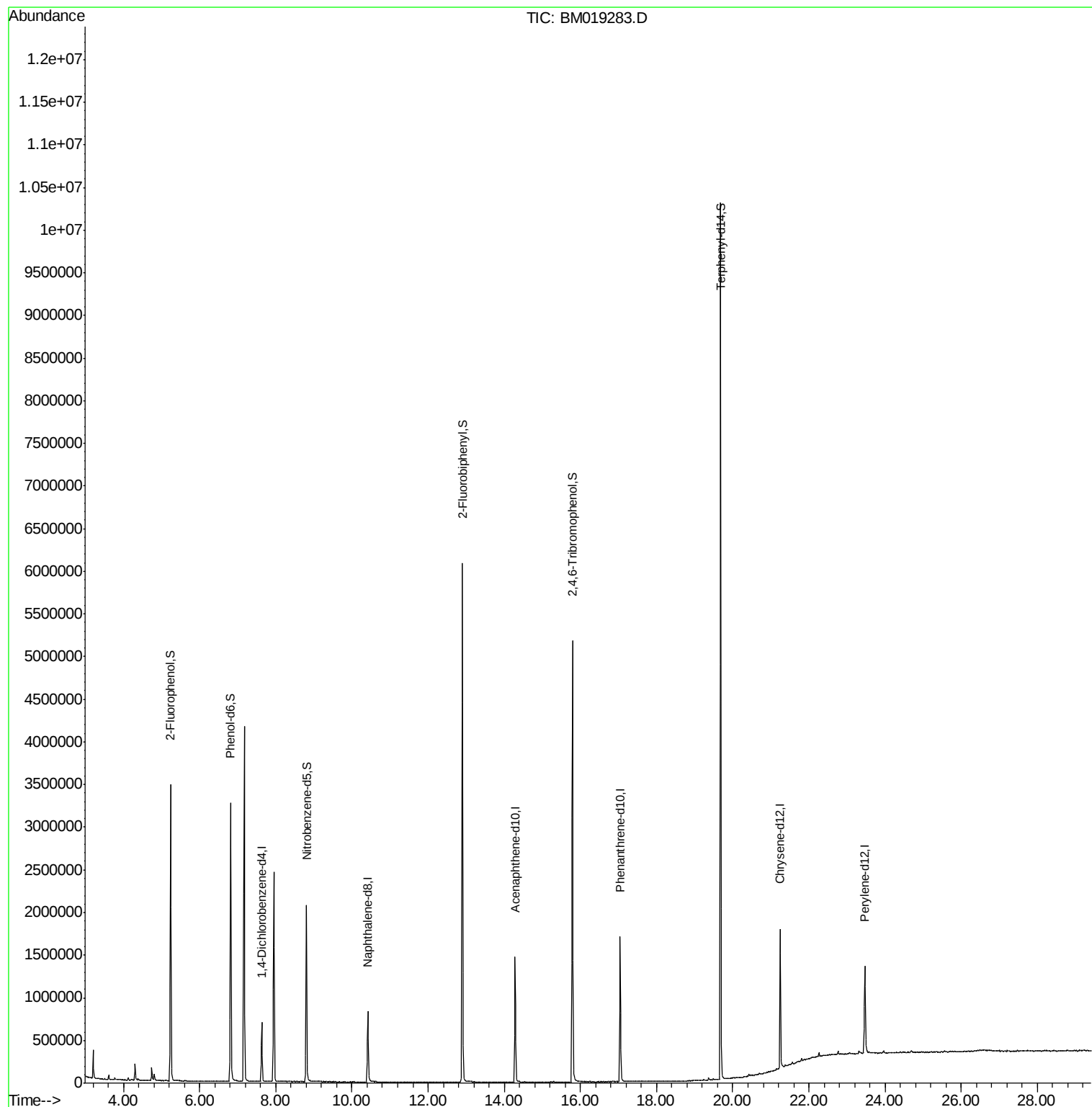
Target Compounds Qvalue

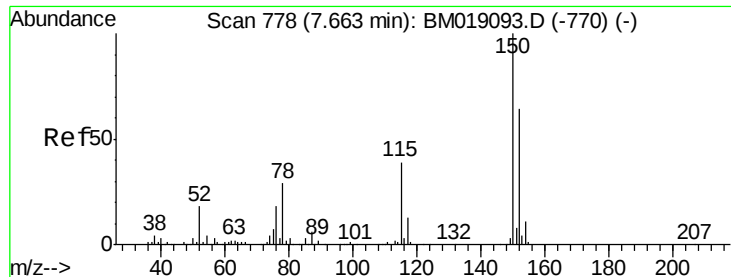
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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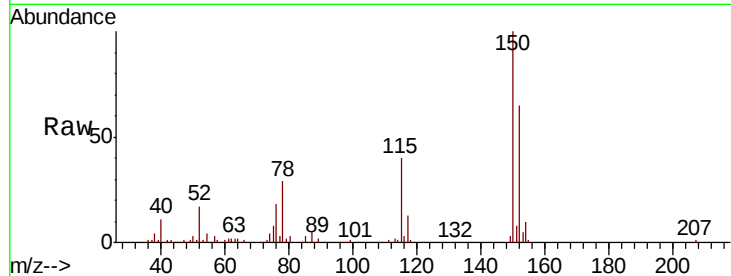


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.63 min Scan# 790
Delta R.T. -0.00 min
Lab File: BM019283.D
Acq: 21 Mar 2019 05:16

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.0	123.8	185.6
115	60.8	48.9	73.3

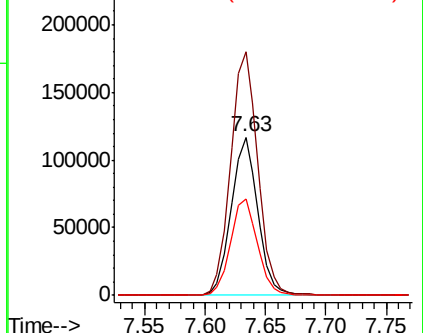
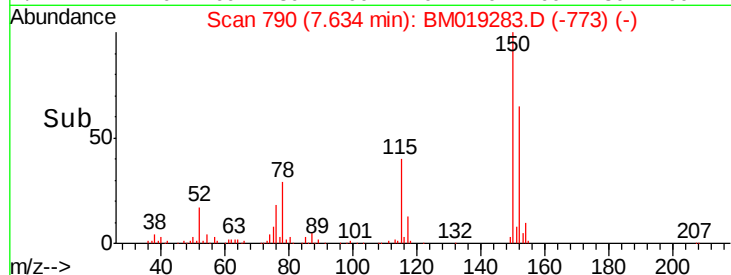


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

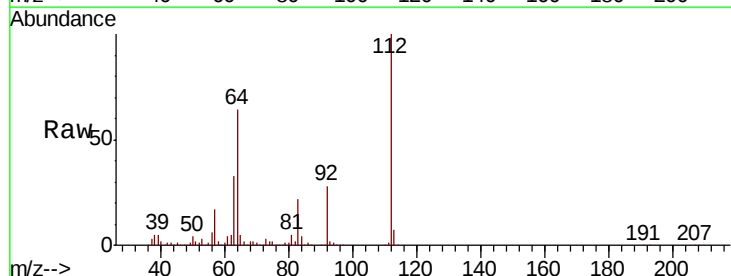
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 128.169 ng
RT: 5.23 min Scan# 382
Delta R.T. -0.00 min
Lab File: BM019283.D
Acq: 21 Mar 2019 05:16

Tgt Ion	Ratio	Lower	Upper
112	100		
64	63.7	50.6	75.8
63	32.8	25.8	38.6

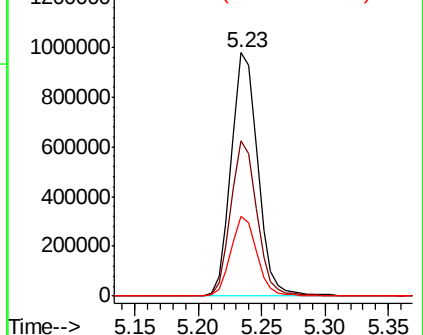
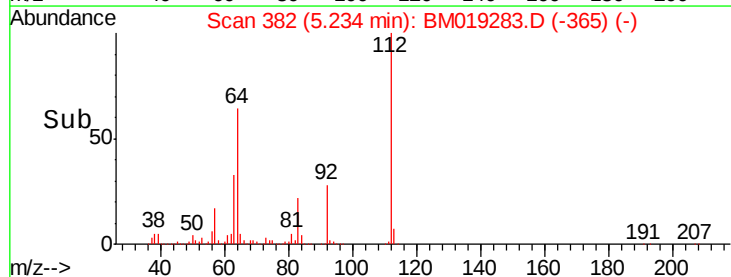


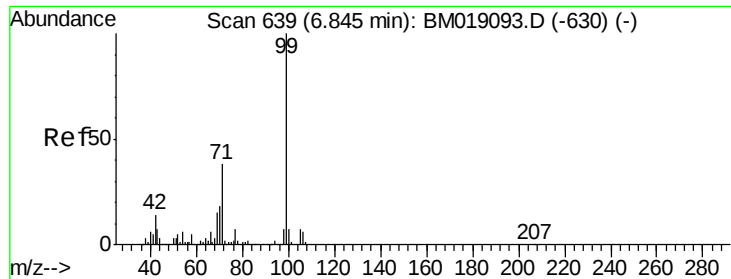
Abundance

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: 114.397 ng

RT: 6.82 min Scan# 651

Delta R.T. -0.00 min

Lab File: BM019283.D

Acq: 21 Mar 2019 05:16

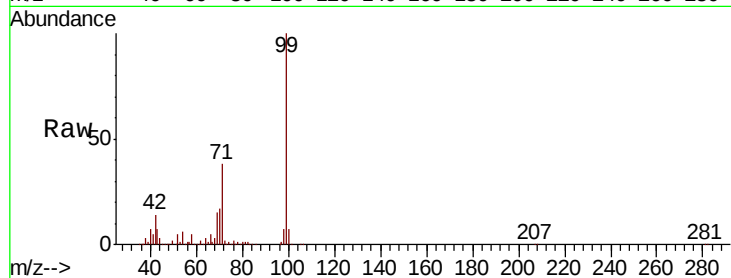
Instrument :

BNA_M

ClientSampleId :

Tot Ion: 99 Resp: 1854489

Ion	Ratio	Lower	Upper
99	100		
42	13.5	11.0	16.6
71	37.7	30.1	45.1

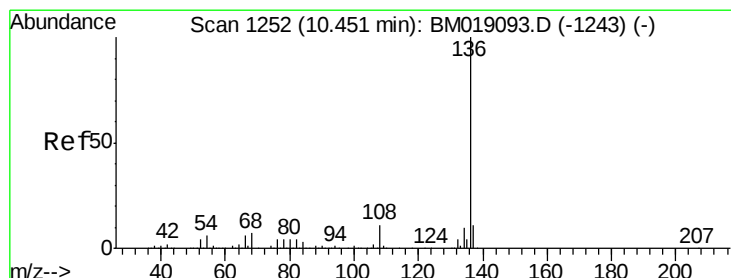
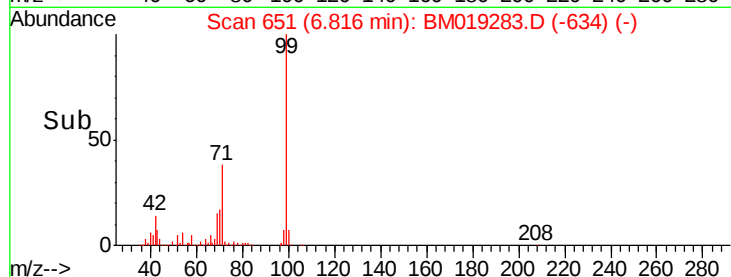
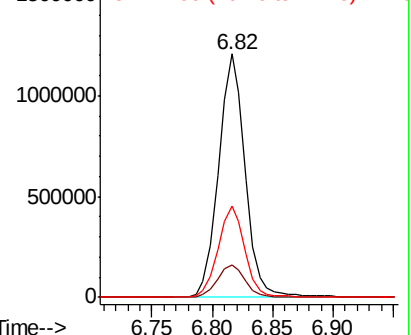


Abundance

Ion 99.00 (98.70 to 99.70): BM019283.D (-634) (-)

Ion 42.00 (41.70 to 42.70): BM019283.D (-634) (-)

Ion 71.00 (70.70 to 71.70): BM019283.D (-634) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.42 min Scan# 1263

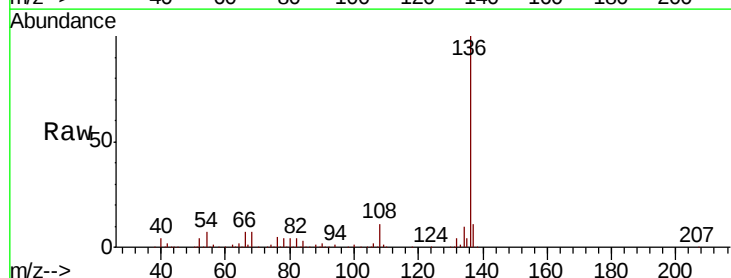
Delta R.T. -0.00 min

Lab File: BM019283.D

Acq: 21 Mar 2019 05:16

Tgt Ion: 136 Resp: 735149

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.6	12.8
54	7.0	5.5	8.3
68	7.4	6.0	9.0



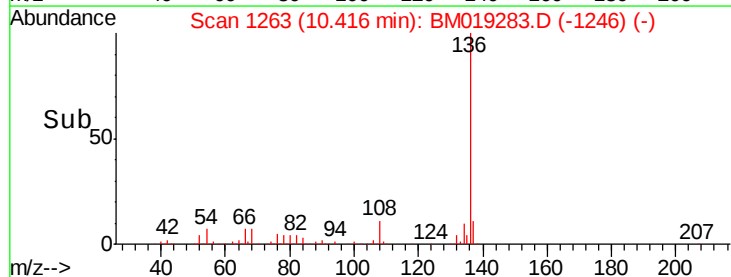
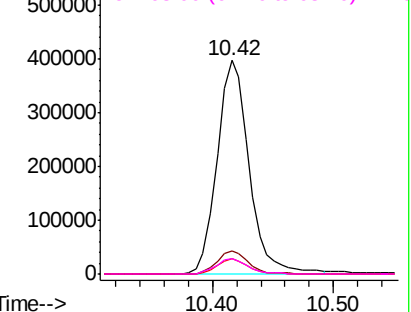
Abundance

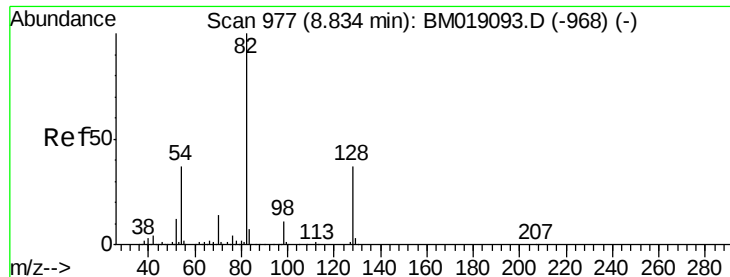
Ion 136.00 (135.70 to 136.70): BM019283.D (-1246) (-)

Ion 137.00 (136.70 to 137.70): BM019283.D (-1246) (-)

Ion 54.00 (53.70 to 54.70): BM019283.D (-1246) (-)

Ion 68.00 (67.70 to 68.70): BM019283.D (-1246) (-)

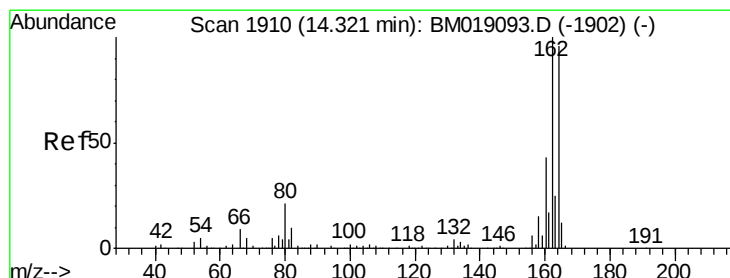
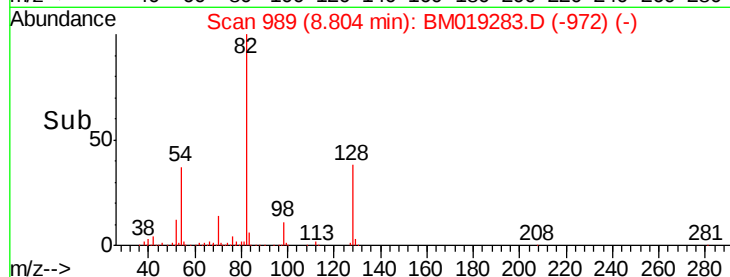
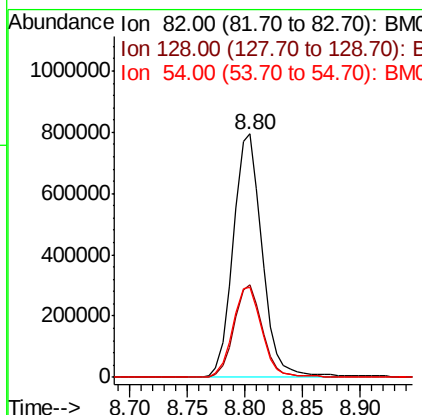
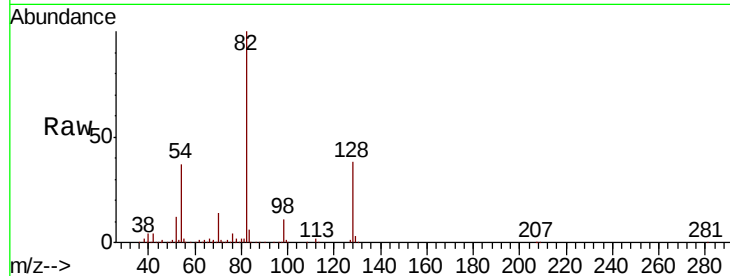




#23
Nitrobenzene-d5
Concen: 89.044 ng
RT: 8.80 min Scan# 989
Delta R.T. -0.00 min
Lab File: BM019283.D
Acq: 21 Mar 2019 05:16

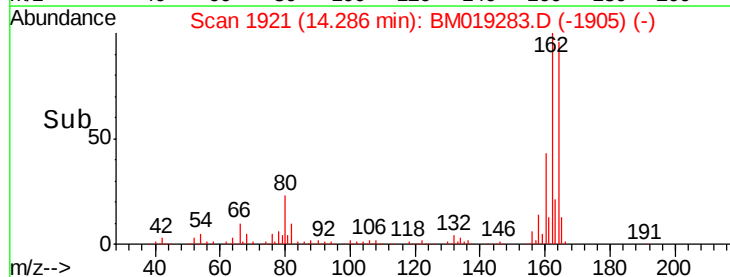
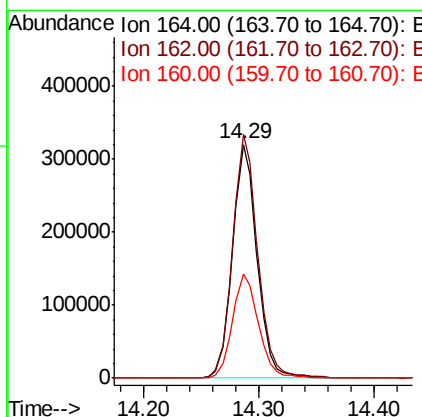
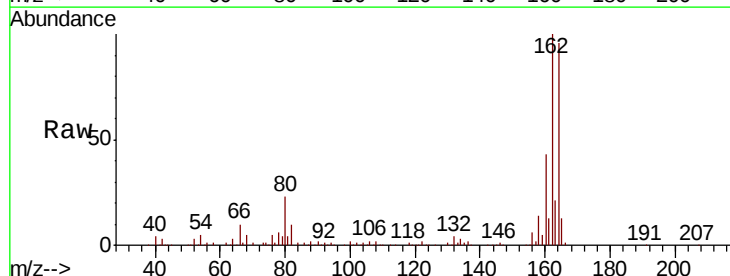
Instrument :
BNA_M
ClientSampled :

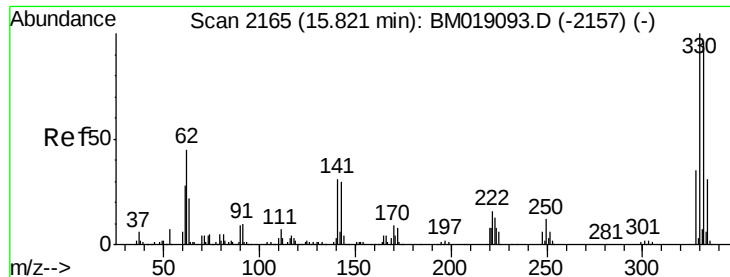
Tot Ion: 82 Resp: 1384814
Ion Ratio Lower Upper
82 100
128 38.0 30.2 45.4
54 37.0 30.2 45.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.29 min Scan# 1921
Delta R.T. -0.01 min
Lab File: BM019283.D
Acq: 21 Mar 2019 05:16

Tgt Ion:164 Resp: 472629
Ion Ratio Lower Upper
164 100
162 104.3 84.1 126.1
160 44.7 36.5 54.7





#42

2,4,6-Tribromophenol

Concen: 139.840 ng

RT: 15.79 min Scan# 2177

Delta R.T. -0.00 min

Lab File: BM019283.D

Acq: 21 Mar 2019 05:16

Instrument :

BNA_M

ClientSampled :

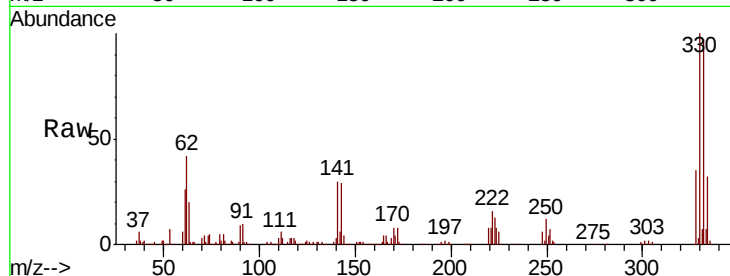
Tot Ion:330 Resp: 975834

Ion Ratio Lower Upper

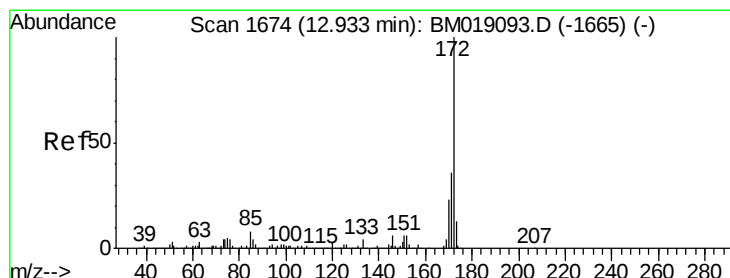
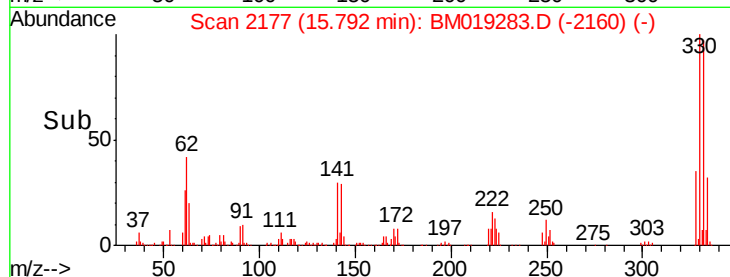
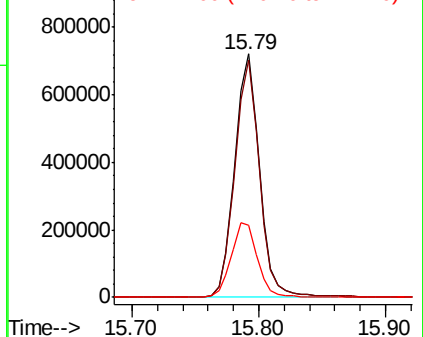
330 100

332 96.7 77.6 116.4

141 32.6 25.7 38.5



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: 80.767 ng

RT: 12.90 min Scan# 1685

Delta R.T. -0.01 min

Lab File: BM019283.D

Acq: 21 Mar 2019 05:16

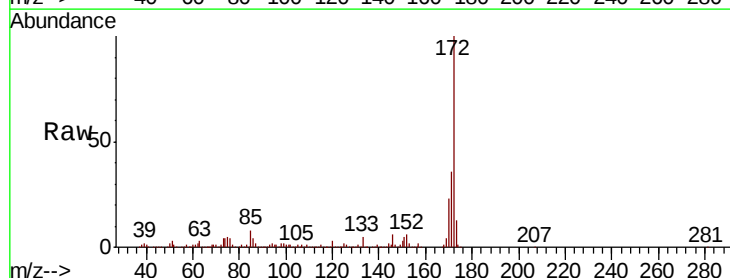
Tgt Ion:172 Resp: 2934653

Ion Ratio Lower Upper

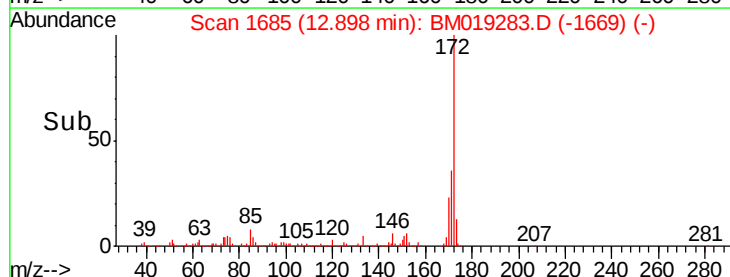
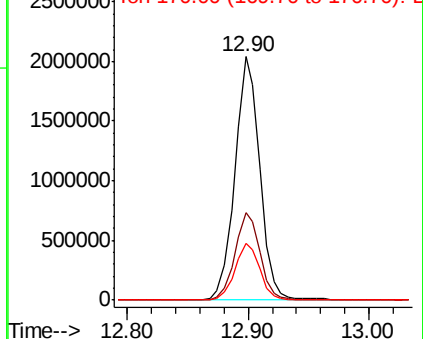
172 100

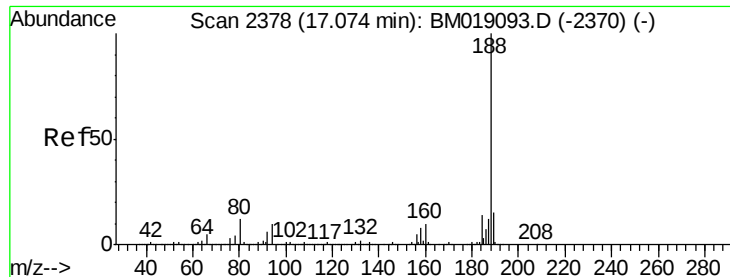
171 35.8 29.0 43.4

170 23.4 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

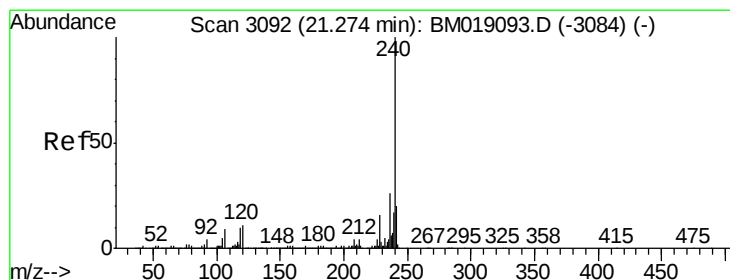
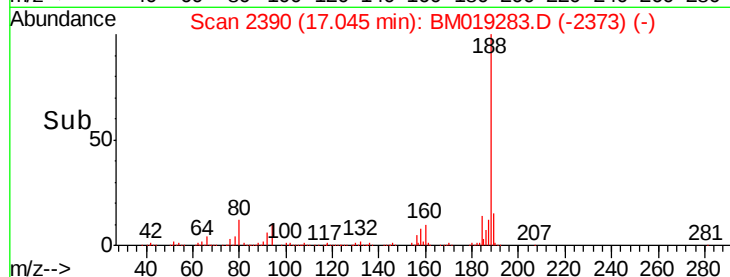
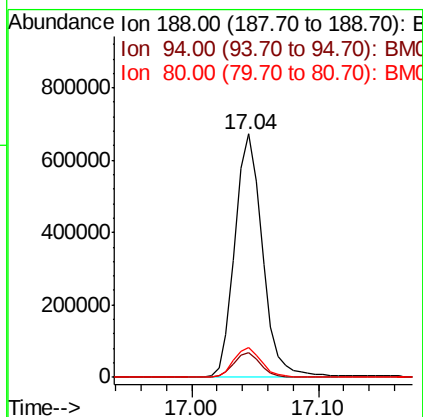
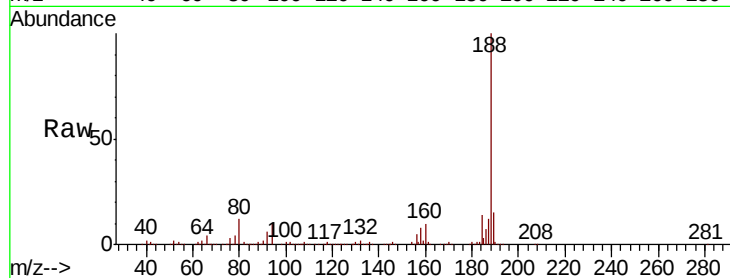




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.04 min Scan# 2390
Delta R.T. -0.00 min
Lab File: BM019283.D
Acq: 21 Mar 2019 05:16

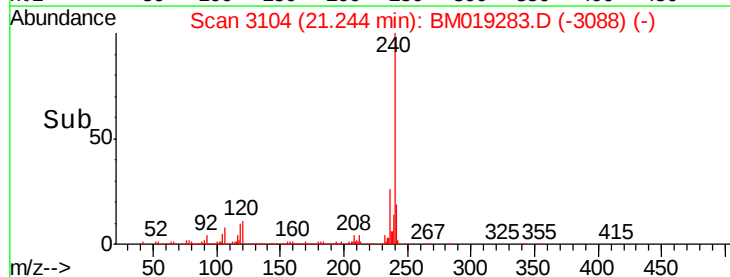
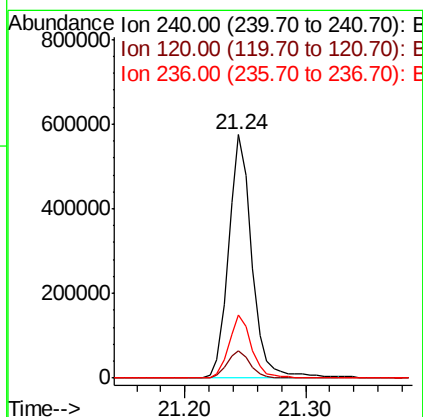
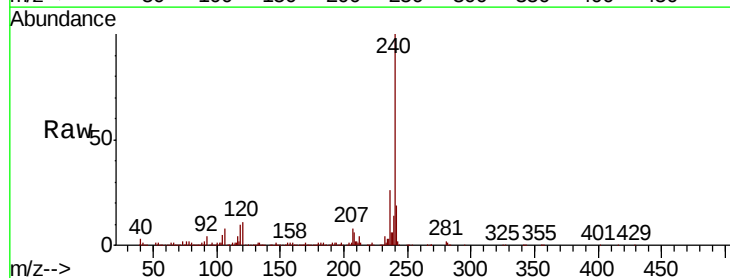
Instrument :
BNA_M
ClientSampleId :

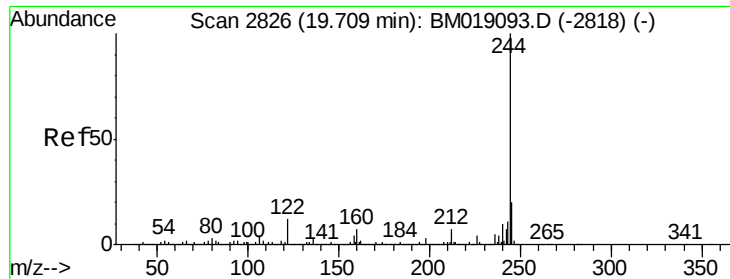
Tot Ion:188 Resp: 1016797
Ion Ratio Lower Upper
188 100
94 10.4 8.7 13.1
80 12.3 9.8 14.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.24 min Scan# 3104
Delta R.T. -0.01 min
Lab File: BM019283.D
Acq: 21 Mar 2019 05:16

Tgt Ion:240 Resp: 771976
Ion Ratio Lower Upper
240 100
120 11.4 9.2 13.8
236 26.0 20.3 30.5





#79

Terphenyl-d14

Concen: 116.065 ng

RT: 19.69 min Scan# 2839

Delta R.T. -0.00 min

Lab File: BM019283.D

Acq: 21 Mar 2019 05:16

Instrument :

BNA_M

ClientSampled :

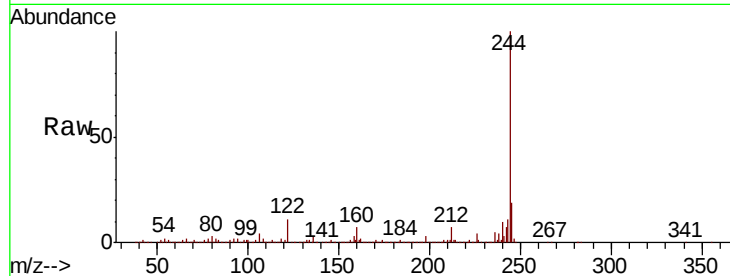
Tot Ion:244 Resp: 4513325

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.2

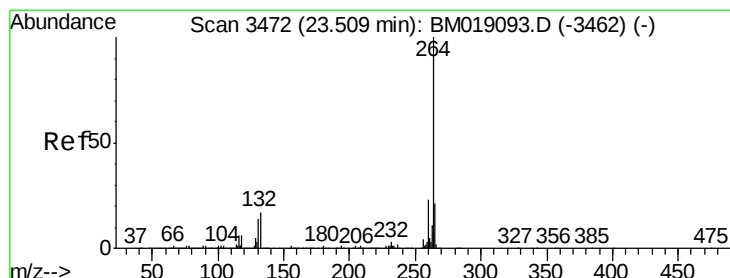
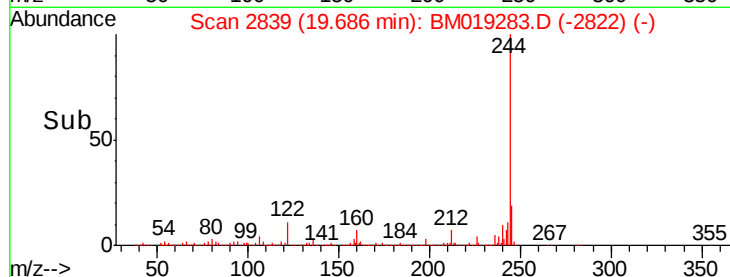
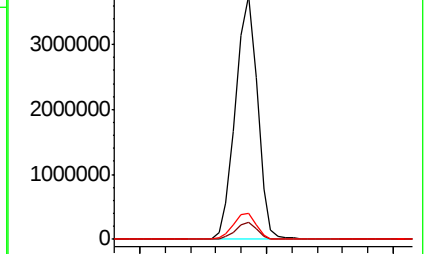
122 10.9 9.6 14.4



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: 23.47 min Scan# 3482

Delta R.T. -0.01 min

Lab File: BM019283.D

Acq: 21 Mar 2019 05:16

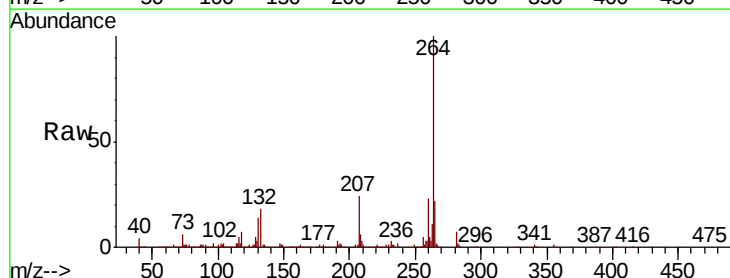
Tgt Ion:264 Resp: 755284

Ion Ratio Lower Upper

264 100

260 23.5 19.0 28.4

265 21.5 17.6 26.4



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

