

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060419\
 Data File : BM020722.D
 Acq On : 05 Jun 2019 04:31
 Operator : HP/JU
 Sample : PB120082BL
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB120082BL

Quant Time: Jun 05 07:07:43 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM053119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 31 15:48:49 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	289827	20.00	ng	-0.01
21) Naphthalene-d8	10.62	136	1114452	20.00	ng	-0.01
39) Acenaphthene-d10	14.46	164	599311	20.00	ng	-0.02
64) Phenanthrene-d10	17.20	188	1204566	20.00	ng	-0.01
76) Chrysene-d12	21.37	240	1058450	20.00	ng	-0.02
87) Perylene-d12	23.66	264	1271649	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	1966595	119.36	ng	0.00
7) Phenol-d6	6.99	99	2667274	109.94	ng	0.00
23) Nitrobenzene-d5	8.98	82	1616922	75.17	ng	-0.02
42) 2,4,6-Tribromophenol	15.94	330	820336	110.48	ng	-0.02
45) 2-Fluorobiphenyl	13.08	172	3616751	80.23	ng	-0.01
79) Terphenyl-d14	19.83	244	4411784	69.72	ng	-0.02

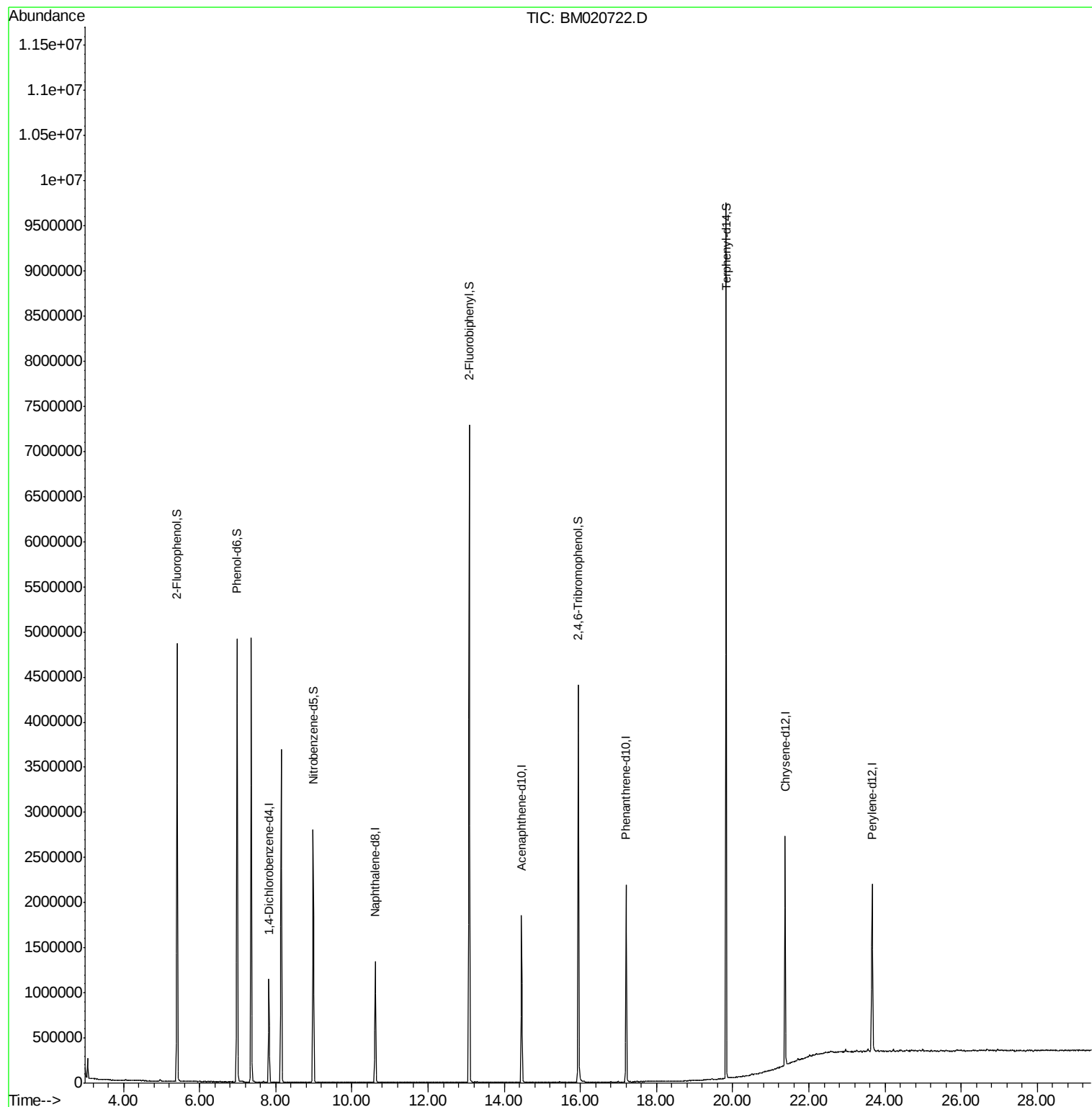
Target Compounds Qvalue

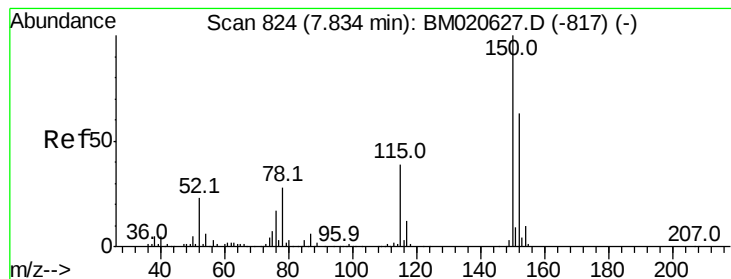
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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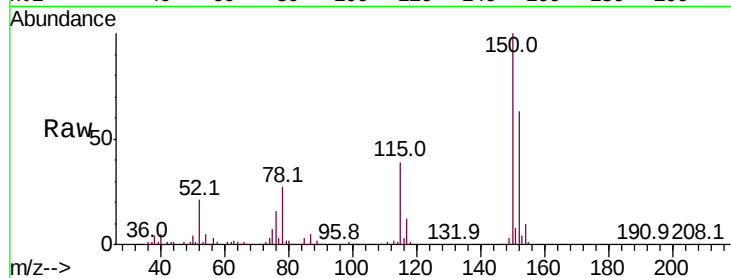


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.82 min Scan# 822
Delta R.T. -0.01 min
Lab File: BM020722.D
Acq: 05 Jun 2019 04:31

Instrument :
BNA_M
ClientSampleId :
PB120082BL

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.6	126.0	189.0
115	62.3	49.6	74.4

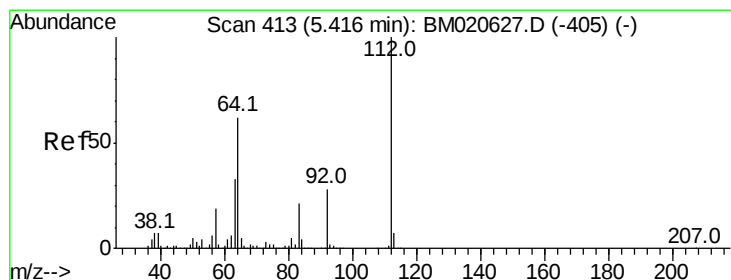
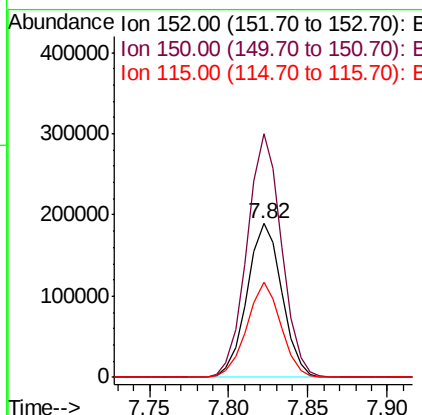
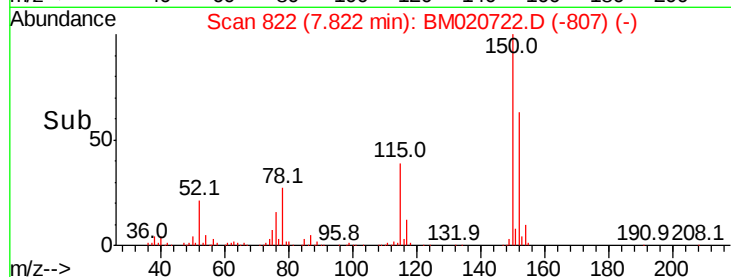


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

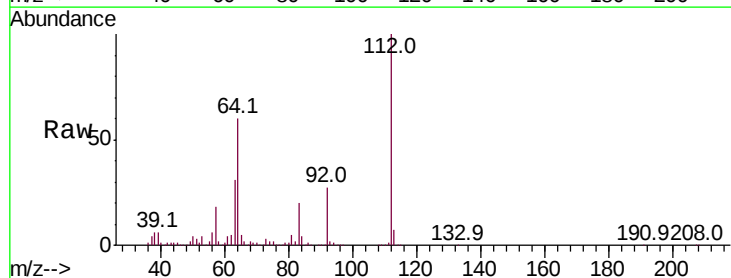
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 119.360 ng
RT: 5.41 min Scan# 412
Delta R.T. -0.01 min
Lab File: BM020722.D
Acq: 05 Jun 2019 04:31

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.9	49.7	74.5
63	31.2	26.4	39.6

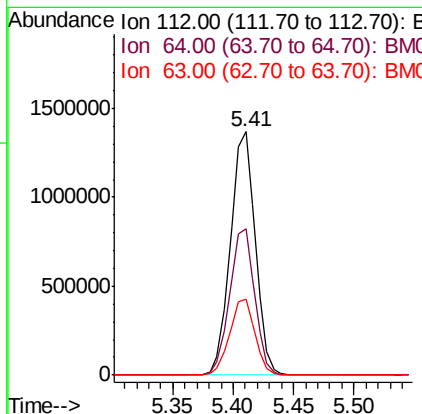
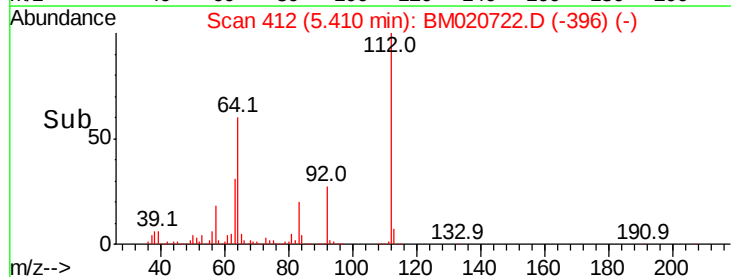


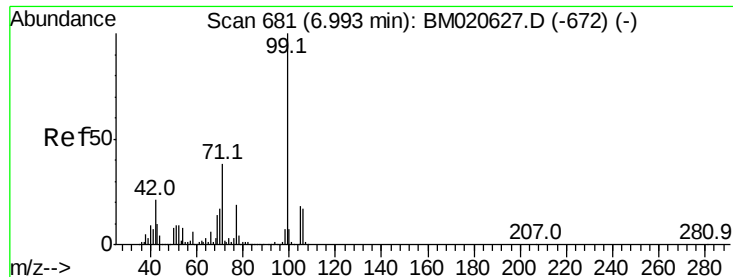
Abundance

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: 109.943 ng

RT: 6.99 min Scan# 680

Delta R.T. -0.01 min

Lab File: BM020722.D

Acq: 05 Jun 2019 04:31

Instrument :

BNA_M

ClientSampleId :

PB120082BL

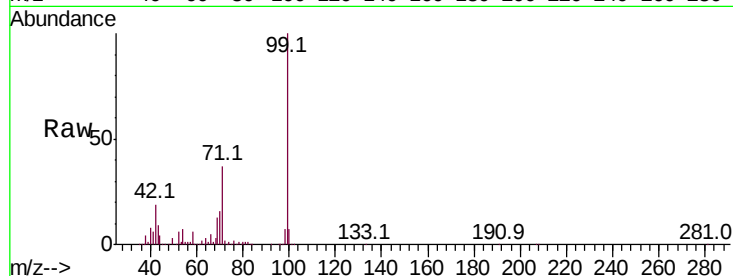
Tot Ion: 99 Resp: 2667274

Ion Ratio Lower Upper

99 100

42 18.7 16.5 24.7

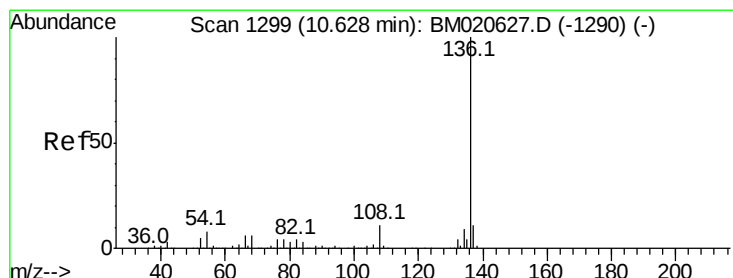
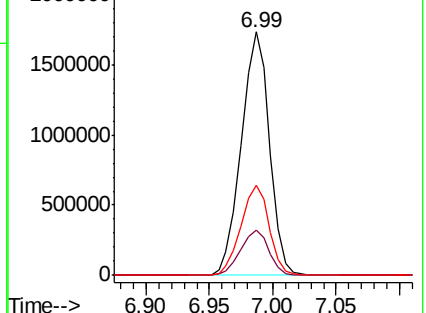
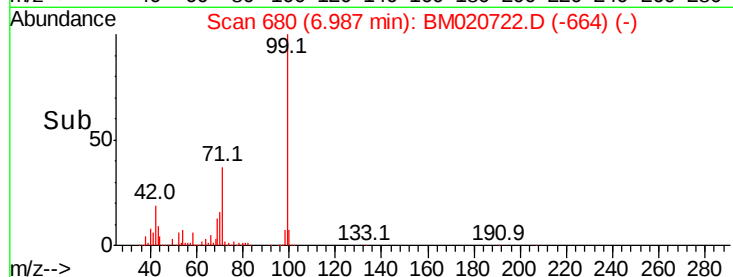
71 37.1 30.7 46.1



Abundance Ion 99.00 (98.70 to 99.70): BM020722.D (-664) (-)

Ion 42.00 (41.70 to 42.70): BM020722.D (-664) (-)

Ion 71.00 (70.70 to 71.70): BM020722.D (-664) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.62 min Scan# 1297

Delta R.T. -0.01 min

Lab File: BM020722.D

Acq: 05 Jun 2019 04:31

Tgt Ion:136 Resp: 1114452

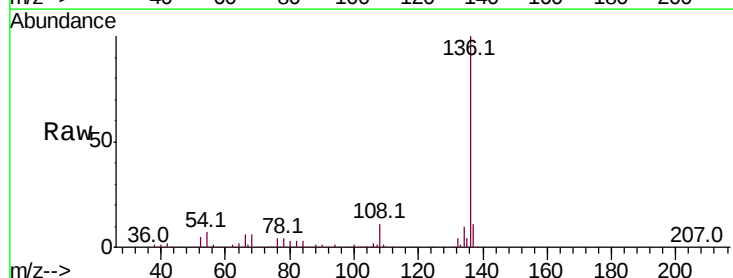
Ion Ratio Lower Upper

136 100

137 11.3 8.8 13.2

54 7.5 6.6 10.0

68 5.7 5.1 7.7

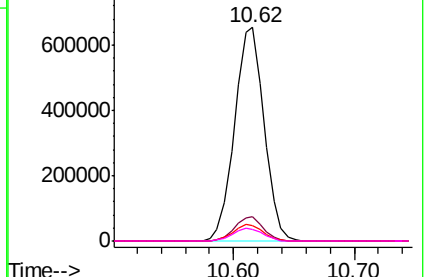
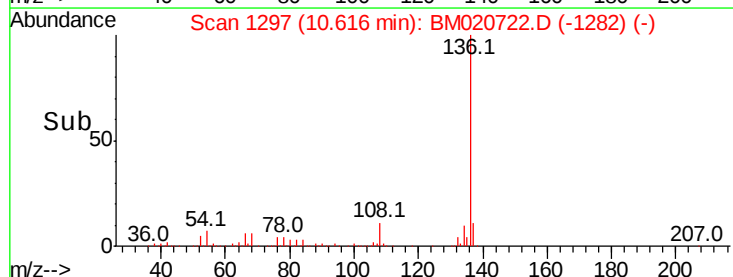


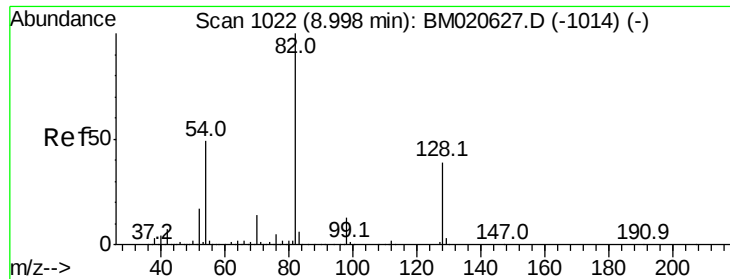
Abundance Ion 136.00 (135.70 to 136.70): BM020722.D (-1282) (-)

Ion 137.00 (136.70 to 137.70): BM020722.D (-1282) (-)

Ion 54.00 (53.70 to 54.70): BM020722.D (-1282) (-)

Ion 68.00 (67.70 to 68.70): BM020722.D (-1282) (-)

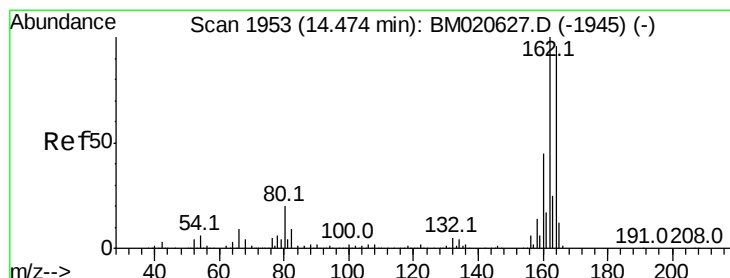
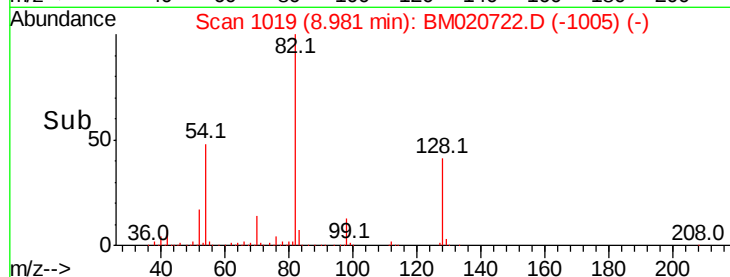
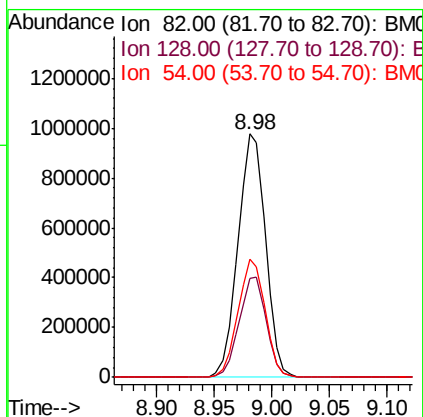
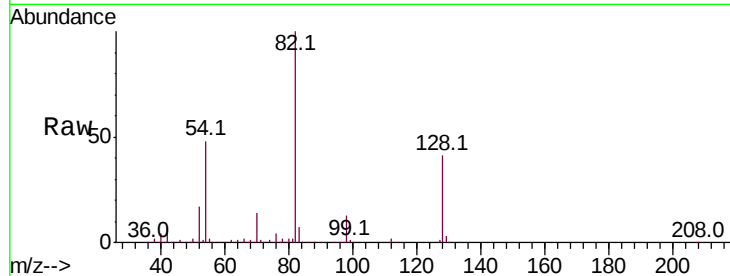




#23
Nitrobenzene-d5
Concen: 75.172 ng
RT: 8.98 min Scan# 1019
Delta R.T. -0.02 min
Lab File: BM020722.D
Acq: 05 Jun 2019 04:31

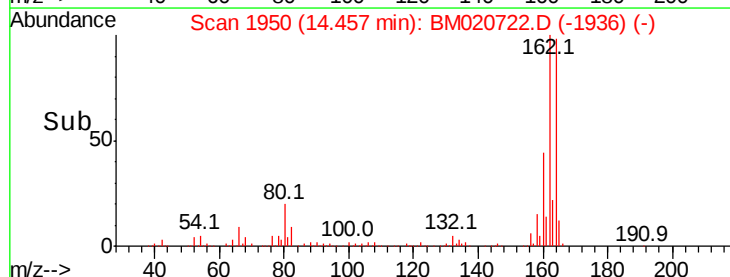
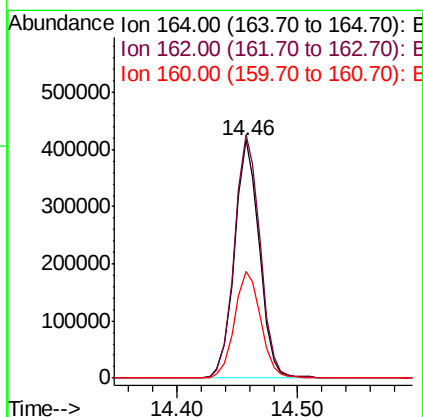
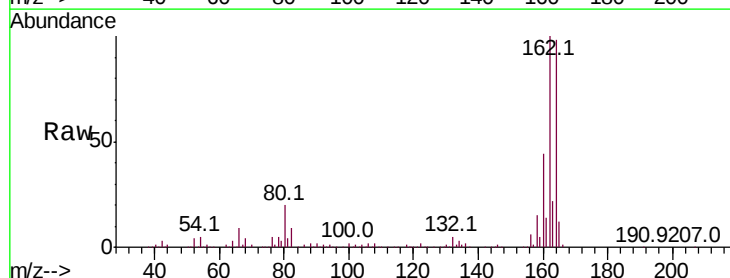
Instrument :
BNA_M
ClientSampleId :
PB120082BL

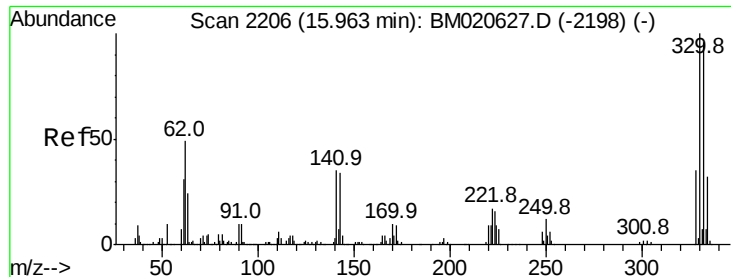
Tot Ion: 82 Resp: 1616922
Ion Ratio Lower Upper
82 100
128 40.9 31.5 47.3
54 48.5 39.4 59.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.46 min Scan# 1950
Delta R.T. -0.02 min
Lab File: BM020722.D
Acq: 05 Jun 2019 04:31

Tgt Ion:164 Resp: 599311
Ion Ratio Lower Upper
164 100
162 102.4 83.2 124.8
160 44.8 37.5 56.3

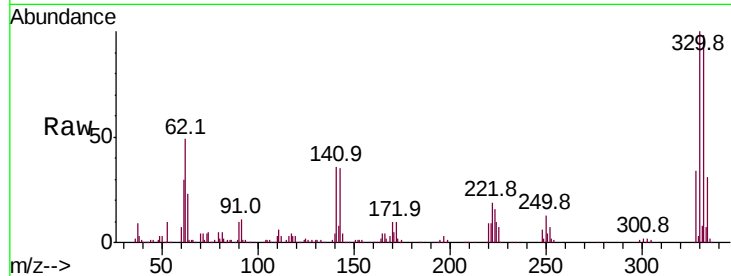




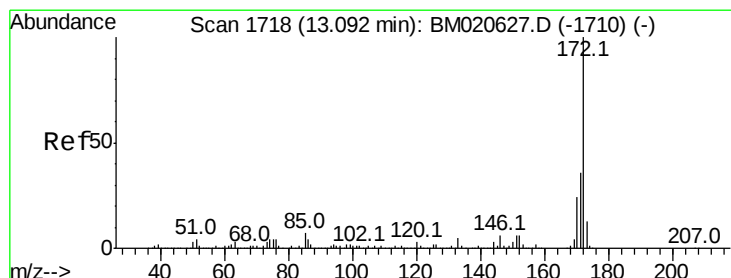
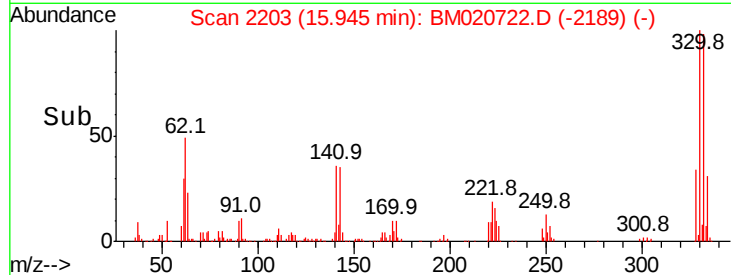
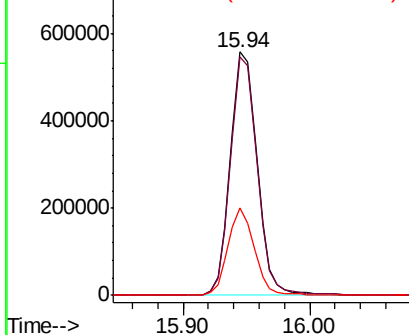
#42
 2,4,6-Tribromophenol
 Concen: 110.477 ng
 RT: 15.94 min Scan# 2203
 Delta R.T. -0.02 min
 Lab File: BM020722.D
 Acq: 05 Jun 2019 04:31

Instrument :
 BNA_M
 ClientSampleId :
 PB120082BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.2	77.4	116.0
141	35.1	30.4	45.6

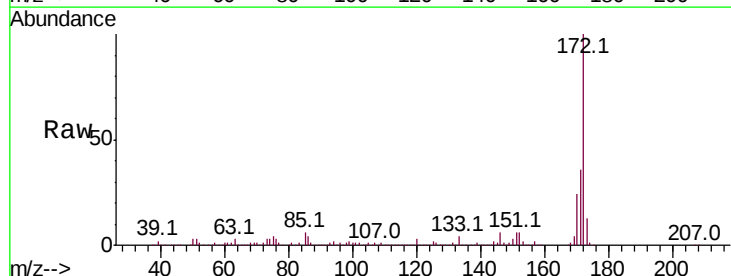


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

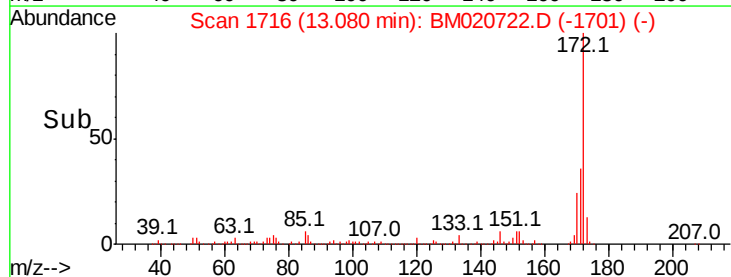
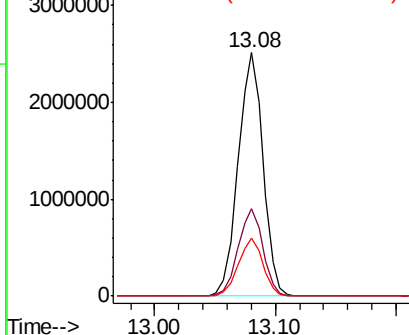


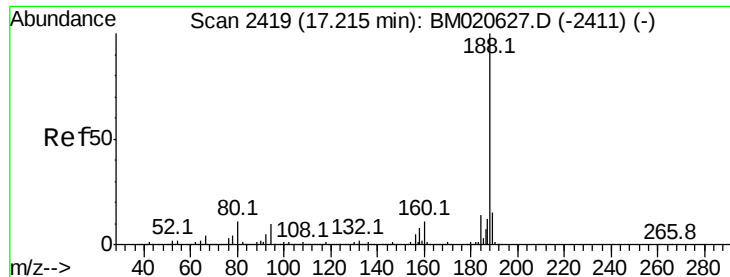
#45
 2-Fluorobiphenyl
 Concen: 80.230 ng
 RT: 13.08 min Scan# 1716
 Delta R.T. -0.01 min
 Lab File: BM020722.D
 Acq: 05 Jun 2019 04:31

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.7	28.6	43.0
170	23.8	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

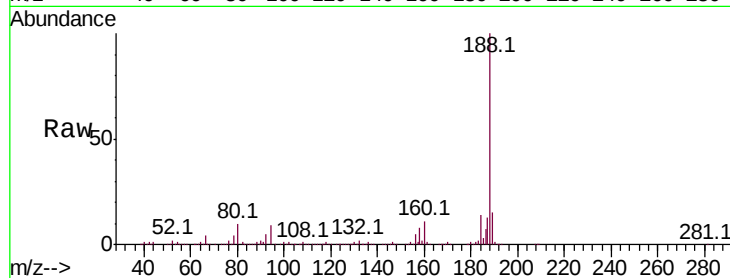




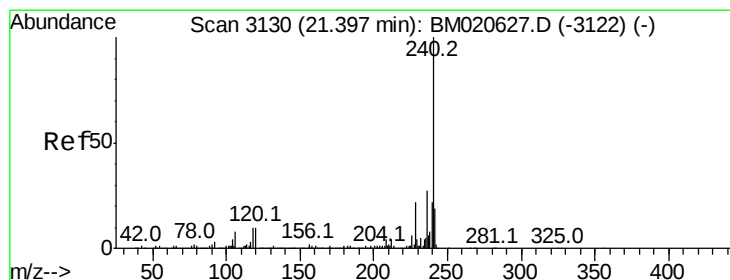
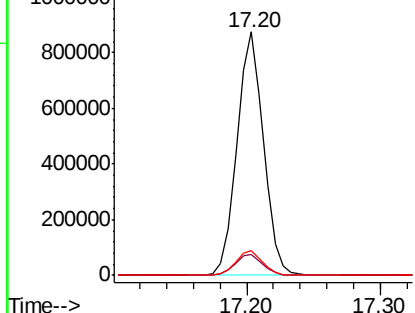
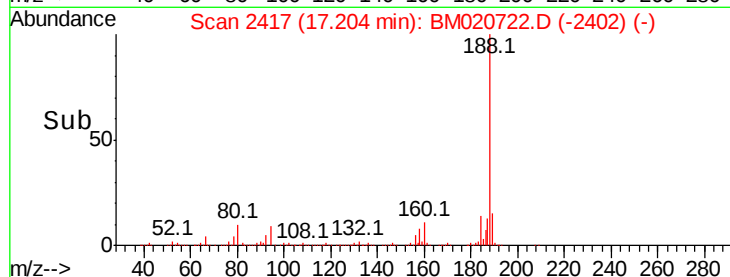
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.20 min Scan# 2417
Delta R.T. -0.01 min
Lab File: BM020722.D
Acq: 05 Jun 2019 04:31

Instrument :
BNA_M
ClientSampleId :
PB120082BL

Tot Ion:188 Resp: 1204566
Ion Ratio Lower Upper
188 100
94 8.7 7.8 11.8
80 10.2 9.0 13.6

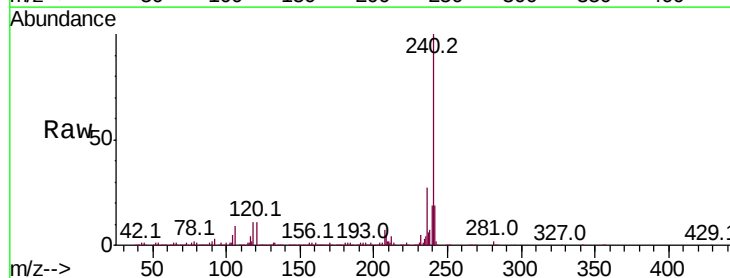


Abundance Ion 188.00 (187.70 to 188.70): E
1200000
Ion 94.00 (93.70 to 94.70): BM
Ion 80.00 (79.70 to 80.70): BM

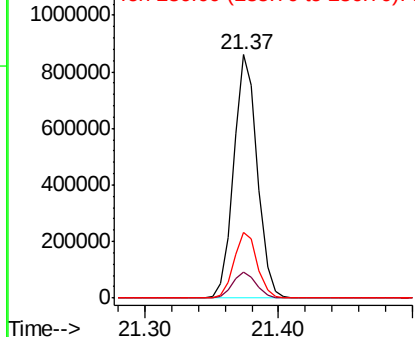
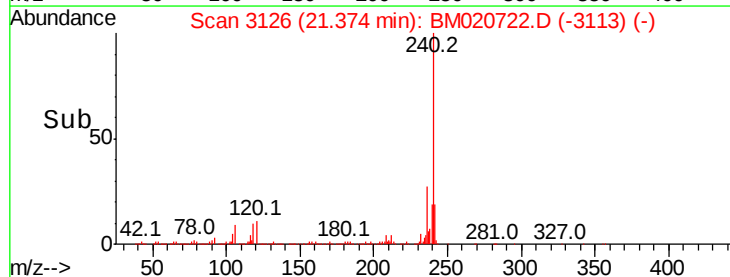


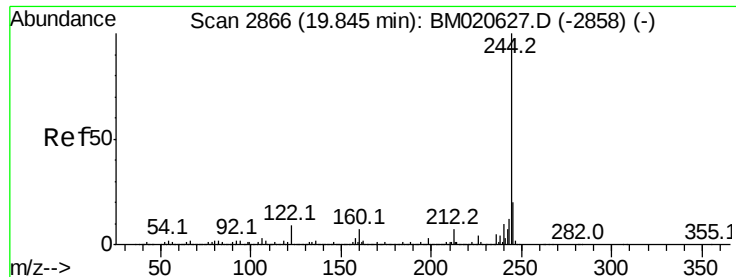
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.37 min Scan# 3126
Delta R.T. -0.02 min
Lab File: BM020722.D
Acq: 05 Jun 2019 04:31

Tgt Ion:240 Resp: 1058450
Ion Ratio Lower Upper
240 100
120 10.7 8.2 12.2
236 26.9 21.2 31.8



Abundance Ion 240.00 (239.70 to 240.70): E
1200000
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

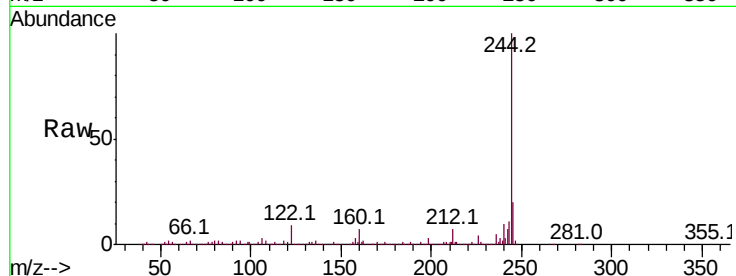




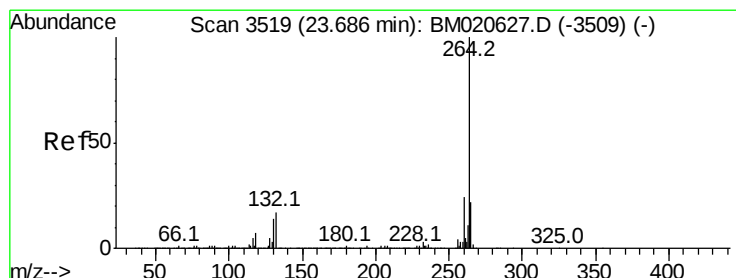
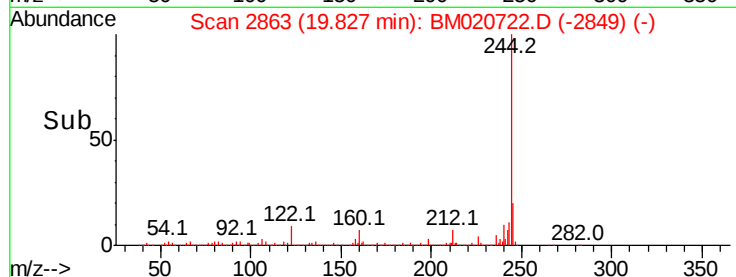
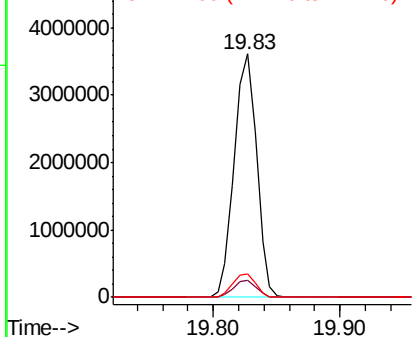
#79
 Terphenyl-d14
 Concen: 69.719 ng
 RT: 19.83 min Scan# 2863
 Delta R.T. -0.02 min
 Lab File: BM020722.D
 Acq: 05 Jun 2019 04:31

Instrument :
 BNA_M
 ClientSampleId :
 PB120082BL

Tot Ion:244 Resp: 4411784
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.7 8.5
 122 9.4 7.2 10.8

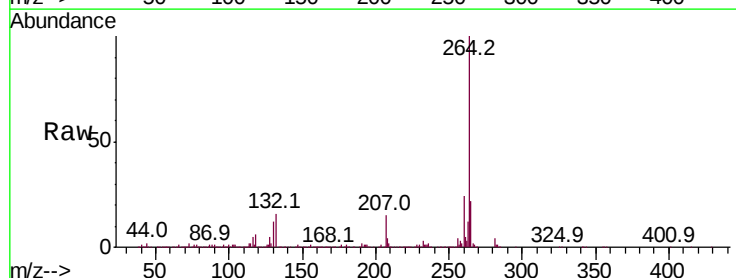


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.66 min Scan# 3515
 Delta R.T. -0.02 min
 Lab File: BM020722.D
 Acq: 05 Jun 2019 04:31

Tgt Ion:264 Resp: 1271649
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.2 28.8
 265 21.9 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

