

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM041619\
 Data File : BM019926.D
 Acq On : 16 Apr 2019 10:32
 Operator : JU/SJ
 Sample : PB118303BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Apr 16 16:44:17 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM041519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 15 16:16:29 2019
 Response via : Initial Calibration

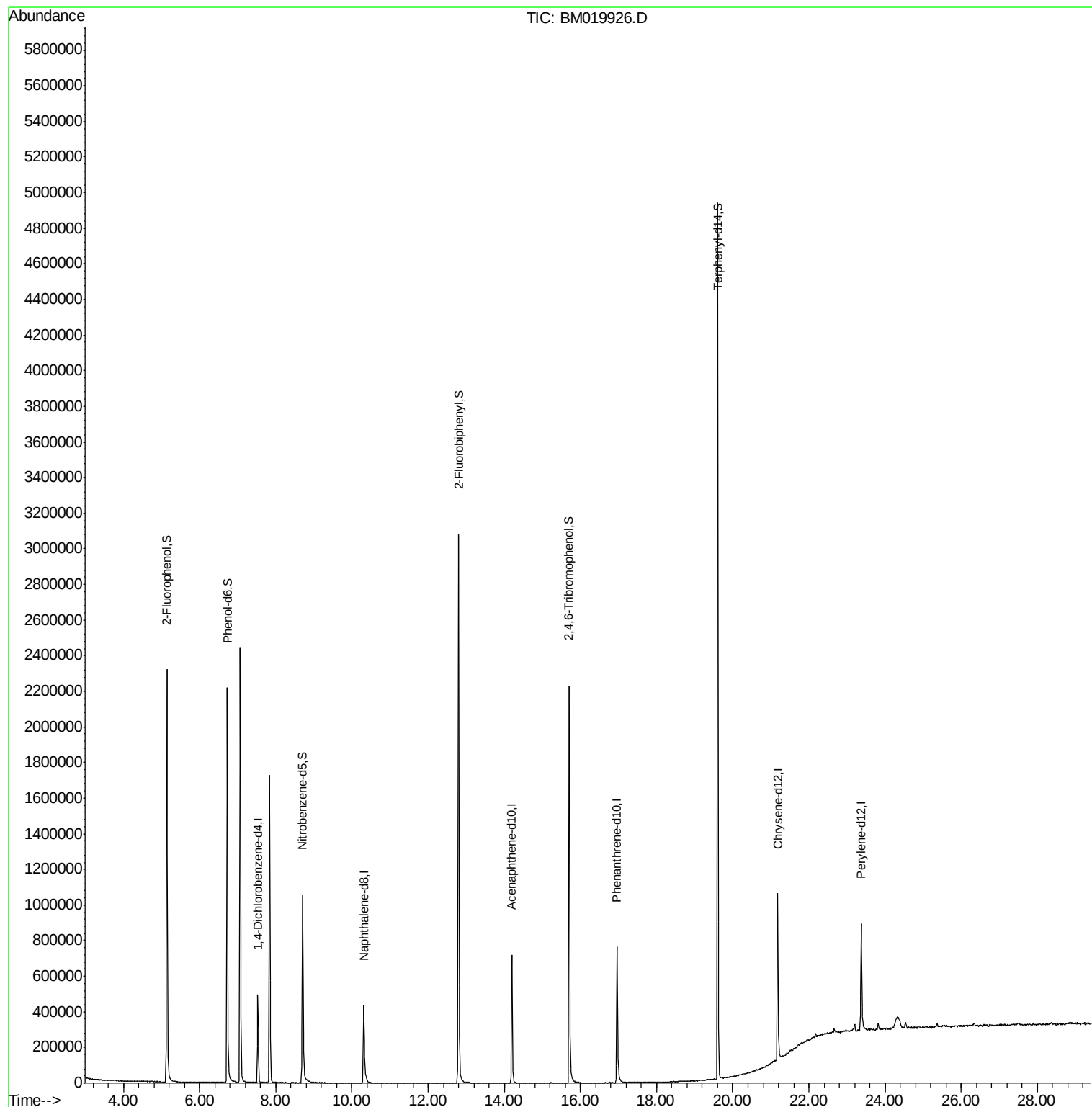
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.53	152	123844	20.00	ng	0.00
21) Naphthalene-d8	10.31	136	454509	20.00	ng	0.00
39) Acenaphthene-d10	14.20	164	270684	20.00	ng	0.00
64) Phenanthrene-d10	16.96	188	563813	20.00	ng	0.00
76) Chrysene-d12	21.18	240	483182	20.00	ng	0.00
87) Perylene-d12	23.37	264	474341	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.14	112	955416	125.03	ng	0.00
7) Phenol-d6	6.72	99	1295442	112.64	ng	0.00
23) Nitrobenzene-d5	8.70	82	772456	76.01	ng	0.00
42) 2,4,6-Tribromophenol	15.71	330	460499	105.69	ng	0.00
45) 2-Fluorobiphenyl	12.80	172	1639619	75.49	ng	0.00
79) Terphenyl-d14	19.60	244	2204553	80.48	ng	0.00
Target Compounds						
9) Benzaldehyde	6.73	77	2836	Below Cal	Qvalue #	7

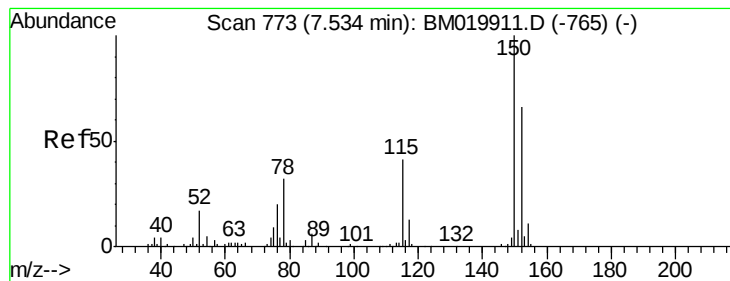
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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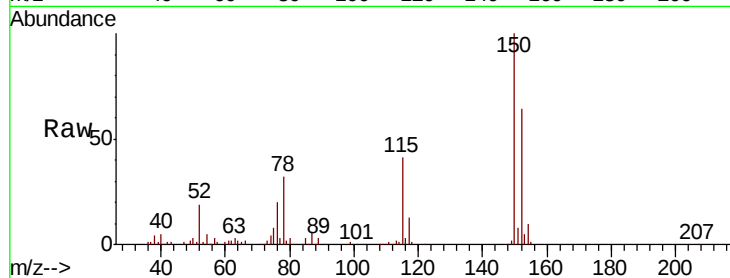


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.53 min Scan# 772
Delta R.T. -0.01 min
Lab File: BM019926.D
Acq: 16 Apr 2019 10:32

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.3	122.1	183.1
115	63.4	50.0	75.0

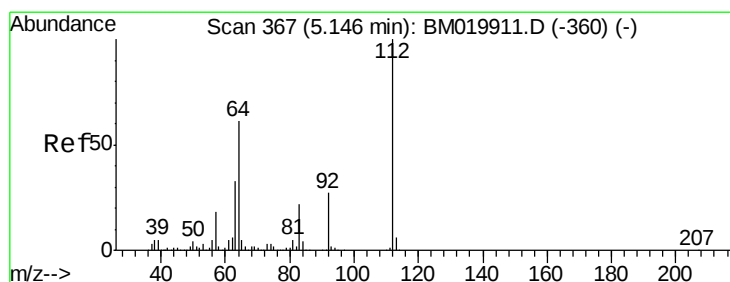
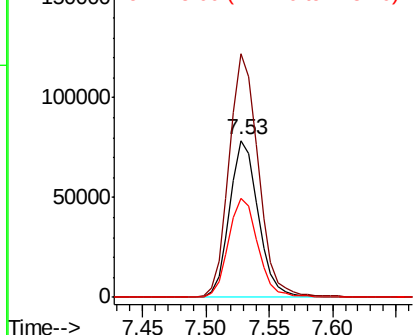
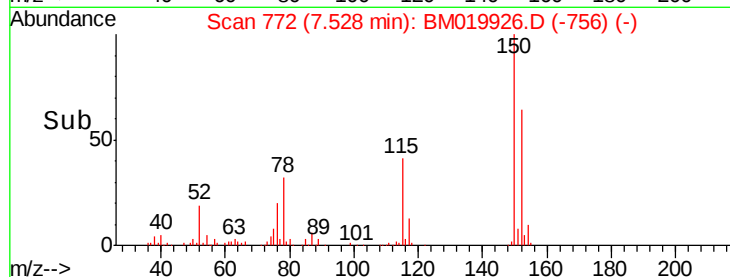


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

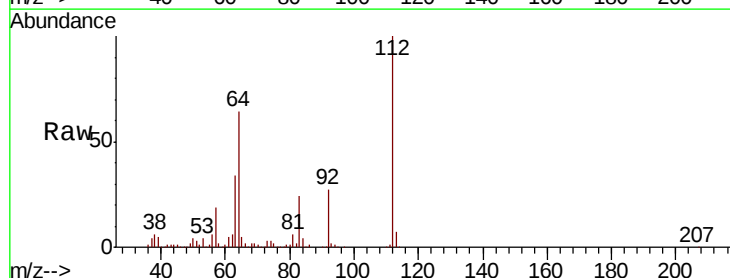
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 125.028 ng
RT: 5.14 min Scan# 366
Delta R.T. -0.01 min
Lab File: BM019926.D
Acq: 16 Apr 2019 10:32

Tgt Ion	Ratio	Lower	Upper
112	100		
64	64.4	49.1	73.7
63	34.4	26.5	39.7

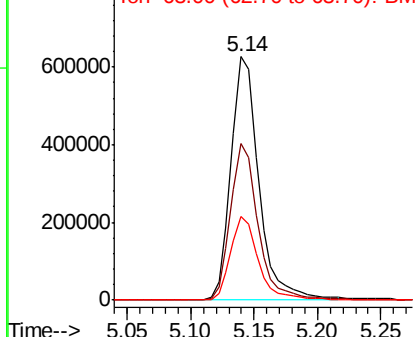
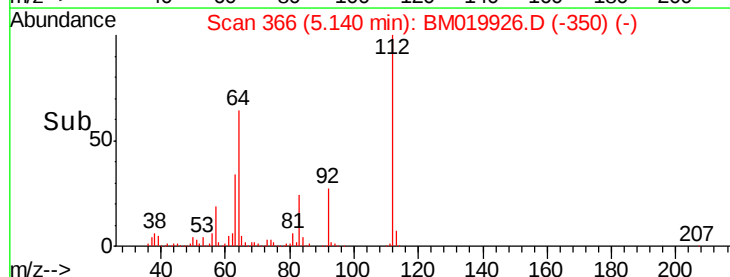


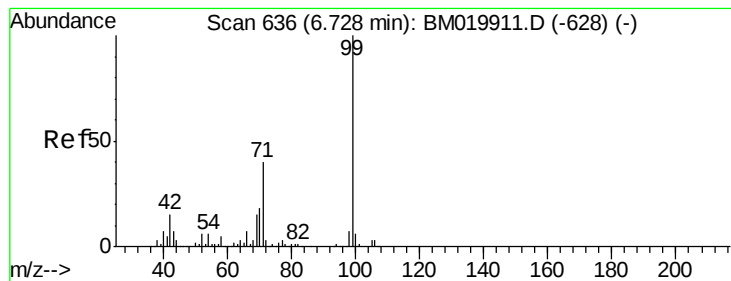
Abundance

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: 112.642 ng

RT: 6.72 min Scan# 635

Delta R.T. -0.01 min

Lab File: BM019926.D

Acq: 16 Apr 2019 10:32

Instrument :

BNA_M

ClientSampleId :

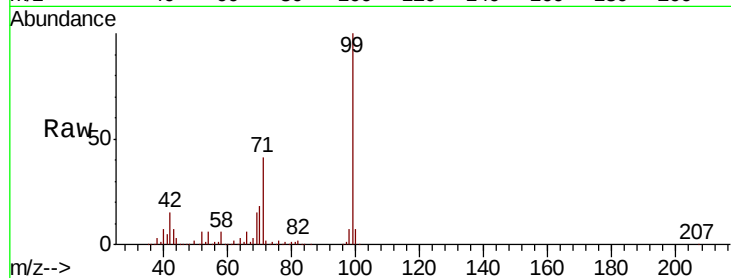
Tot Ion: 99 Resp: 1295442

Ion Ratio Lower Upper

99 100

42 15.0 11.8 17.8

71 41.0 32.0 48.0

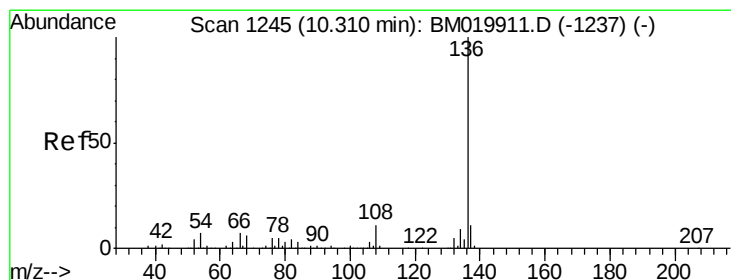
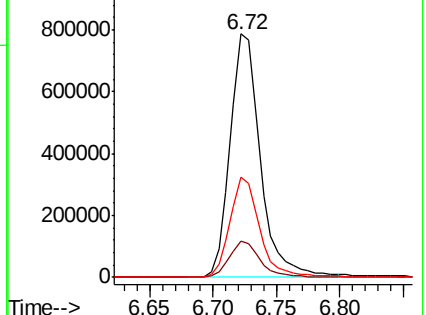
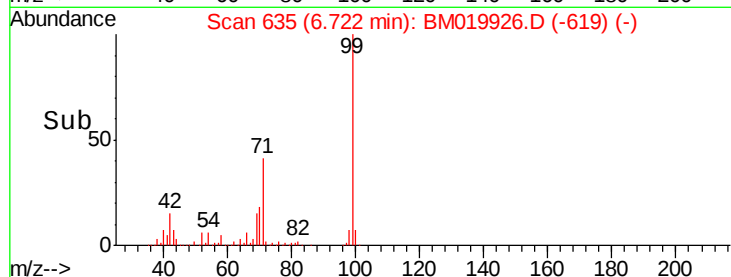


Abundance

Ion 99.00 (98.70 to 99.70): BM019926.D (-619) (-)

Ion 42.00 (41.70 to 42.70): BM019926.D (-619) (-)

Ion 71.00 (70.70 to 71.70): BM019926.D (-619) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.31 min Scan# 1245

Delta R.T. -0.00 min

Lab File: BM019926.D

Acq: 16 Apr 2019 10:32

Tgt Ion: 136 Resp: 454509

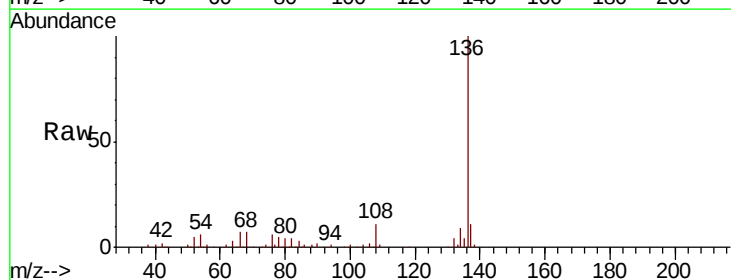
Ion Ratio Lower Upper

136 100

137 11.0 9.0 13.6

54 6.5 5.3 7.9

68 6.9 5.2 7.8



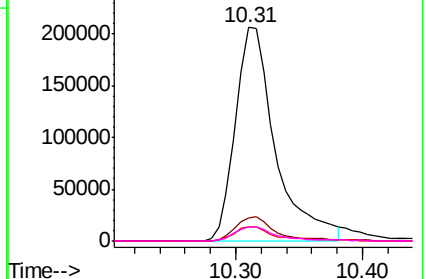
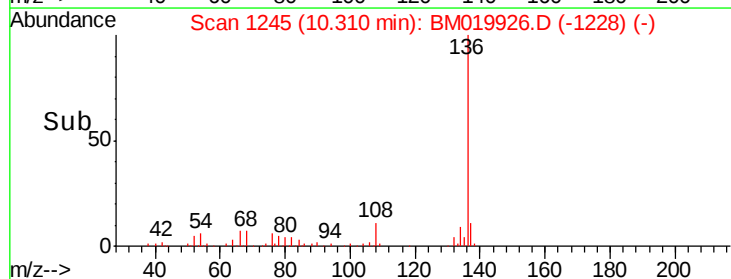
Abundance

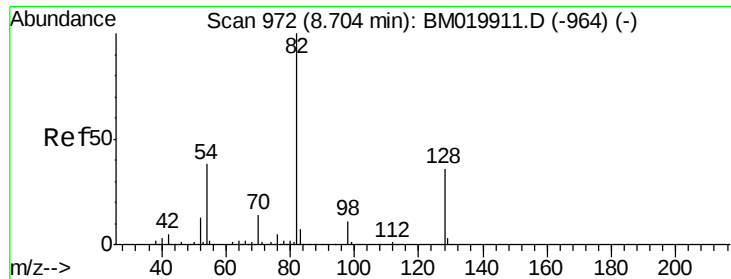
Ion 136.00 (135.70 to 136.70): BM019926.D (-1228) (-)

Ion 137.00 (136.70 to 137.70): BM019926.D (-1228) (-)

Ion 54.00 (53.70 to 54.70): BM019926.D (-1228) (-)

Ion 68.00 (67.70 to 68.70): BM019926.D (-1228) (-)

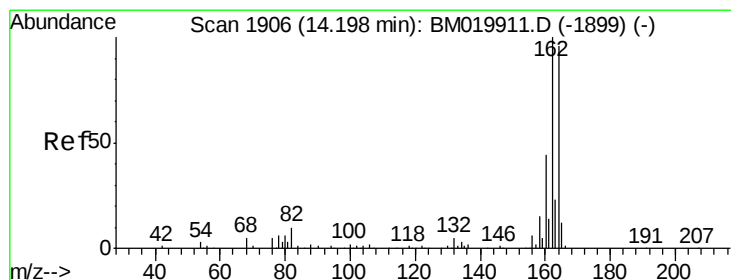
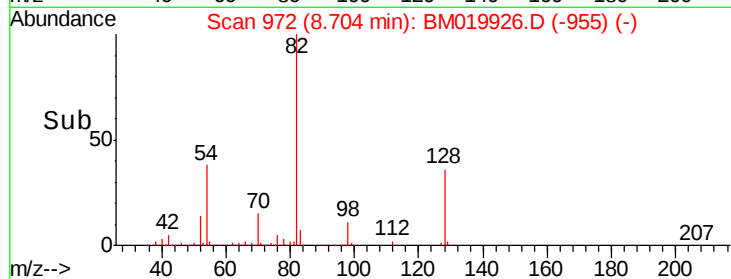
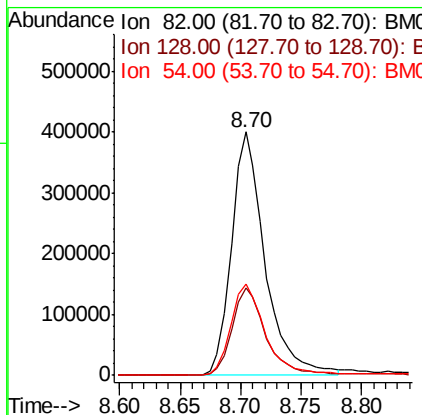
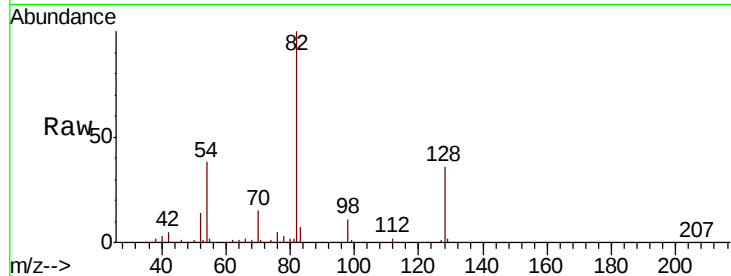




#23
 Nitrobenzene-d5
 Concen: 76.005 ng
 RT: 8.70 min Scan# 972
 Delta R.T. -0.00 min
 Lab File: BM019926.D
 Acq: 16 Apr 2019 10:32

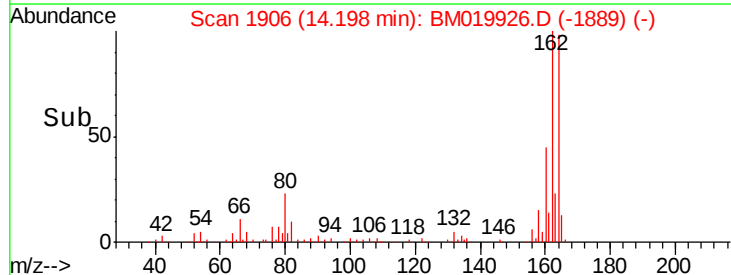
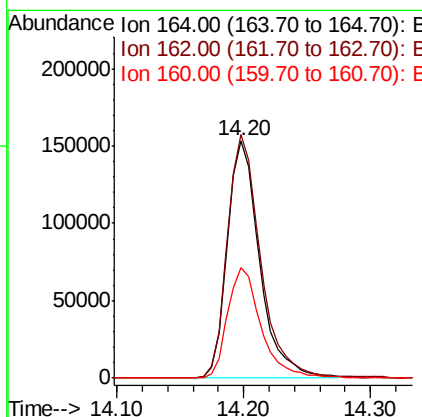
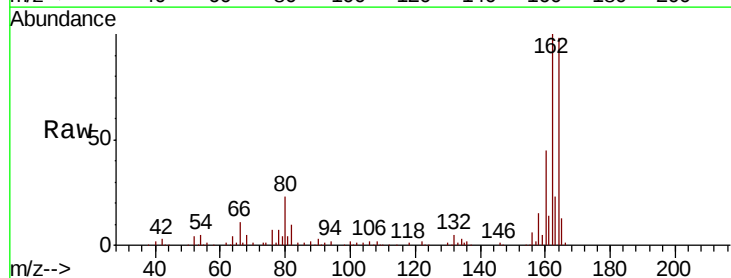
Instrument :
 BNA_M
 ClientSampled :

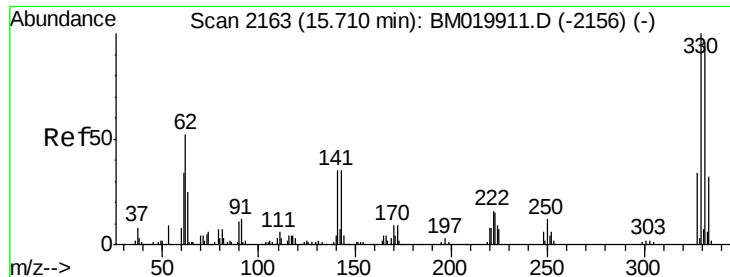
Tot Ion	82	Resp	772456
Ion Ratio	100	Lower	Upper
128	35.9	29.0	43.4
54	37.5	30.2	45.4



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.20 min Scan# 1906
 Delta R.T. -0.00 min
 Lab File: BM019926.D
 Acq: 16 Apr 2019 10:32

Tgt Ion	164	Resp	270684
Ion Ratio <td>100</td> <td>Lower</td> <td>Upper</td>	100	Lower	Upper
162	102.4	83.0	124.4
160	46.5	36.6	55.0

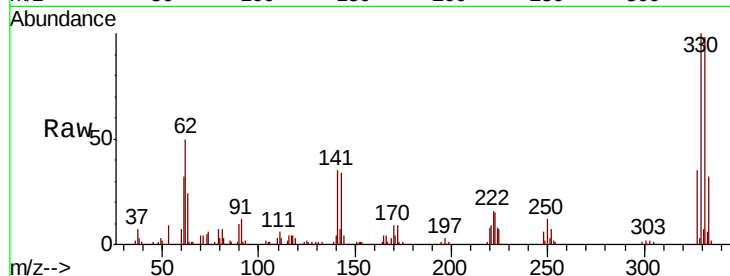




#42
 2,4,6-Tribromophenol
 Concen: 105.685 ng
 RT: 15.71 min Scan# 2163
 Delta R.T. -0.00 min
 Lab File: BM019926.D
 Acq: 16 Apr 2019 10:32

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.0	77.4	116.2
141	37.9	29.0	43.4

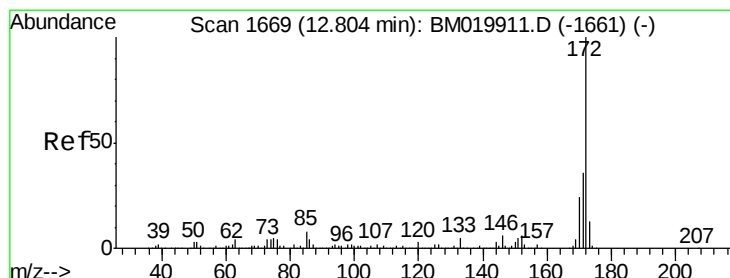
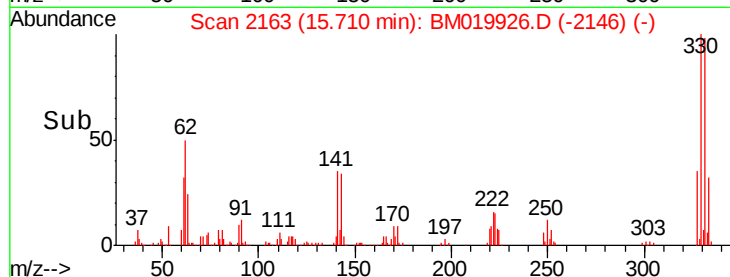
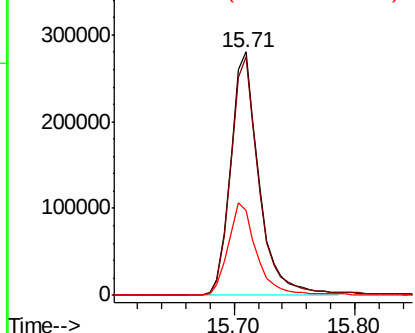


Abundance

Ion 329.80 (329.50 to 330.50): E

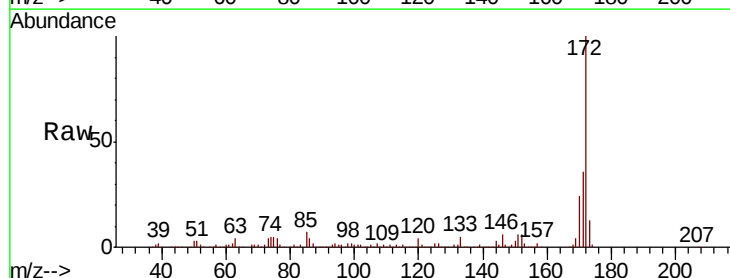
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 75.488 ng
 RT: 12.80 min Scan# 1669
 Delta R.T. -0.00 min
 Lab File: BM019926.D
 Acq: 16 Apr 2019 10:32

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	28.9	43.3
170	23.6	19.0	28.4

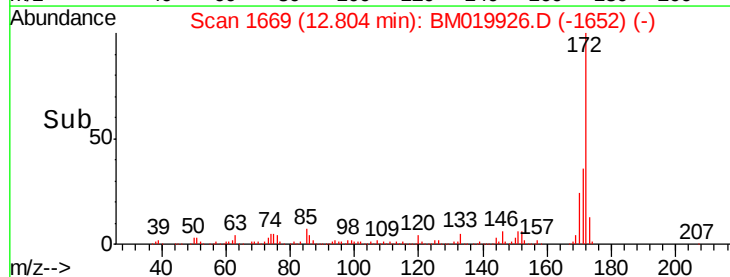
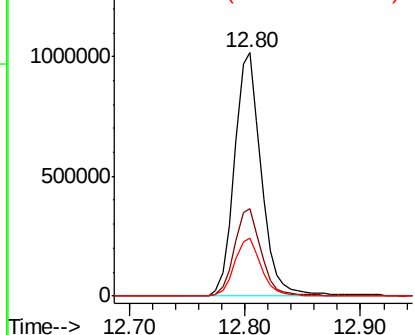


Abundance

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

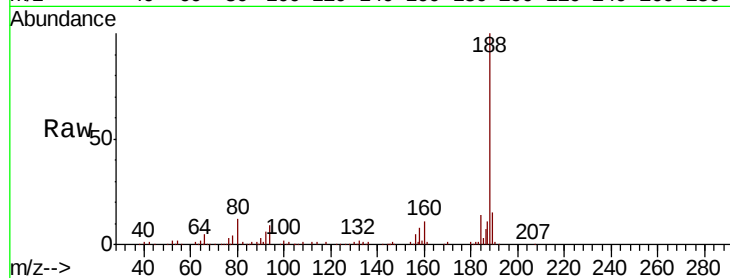




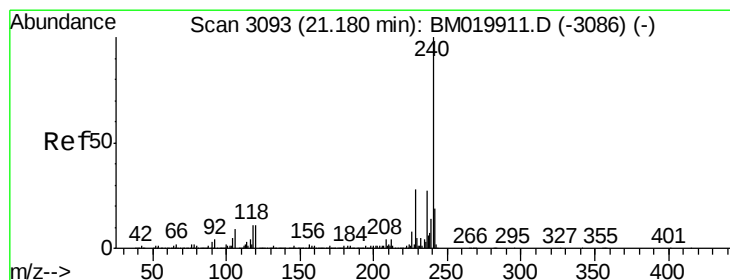
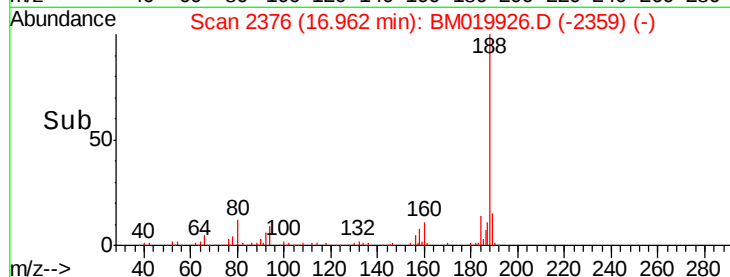
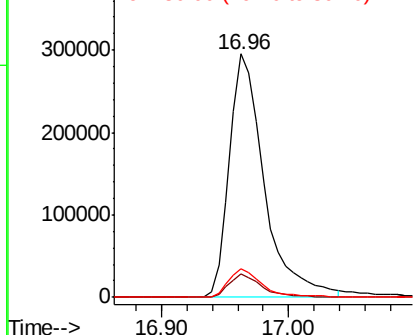
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.96 min Scan# 2376
Delta R.T. -0.00 min
Lab File: BM019926.D
Acq: 16 Apr 2019 10:32

Instrument :
BNA_M
ClientSampleId :

Tot Ion:188 Resp: 563813
Ion Ratio Lower Upper
188 100
94 9.5 7.6 11.4
80 11.7 9.4 14.0

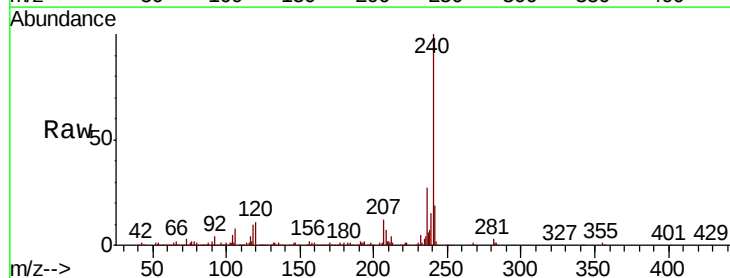


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BM
Ion 80.00 (79.70 to 80.70): BM

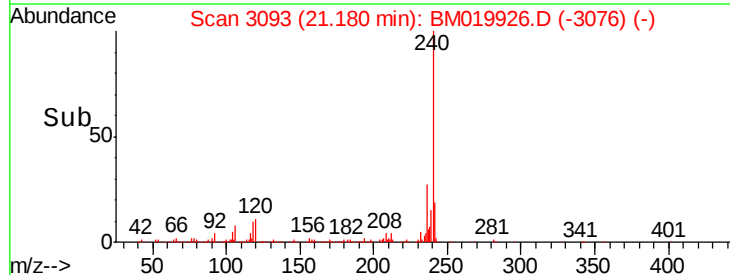
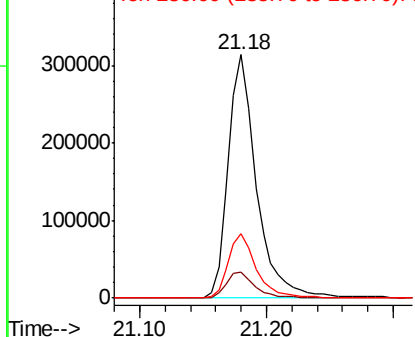


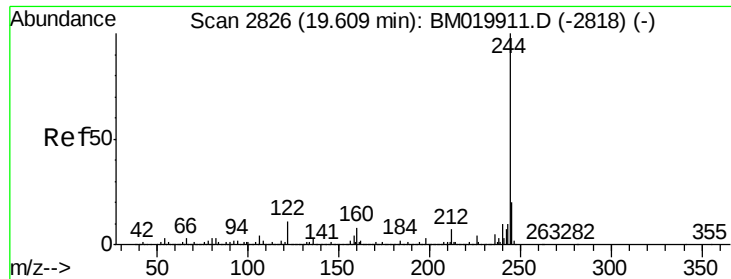
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.18 min Scan# 3093
Delta R.T. -0.00 min
Lab File: BM019926.D
Acq: 16 Apr 2019 10:32

Tgt Ion:240 Resp: 483182
Ion Ratio Lower Upper
240 100
120 10.6 8.6 13.0
236 26.5 21.4 32.2



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

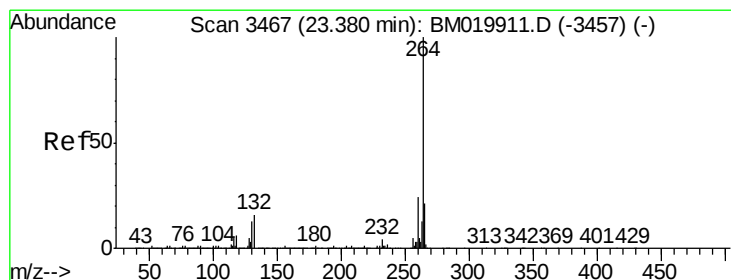
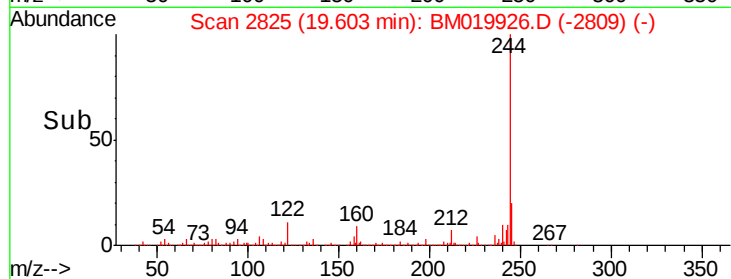
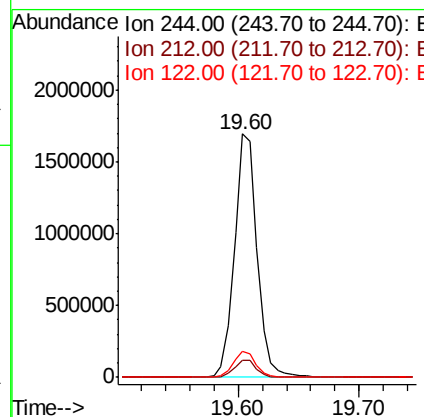
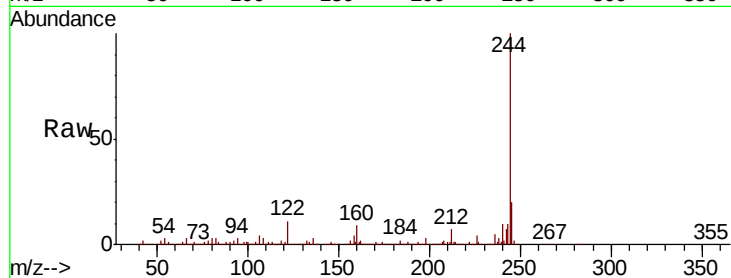




#79
 Terphenyl-d14
 Concen: 80.476 ng
 RT: 19.60 min Scan# 2825
 Delta R.T. -0.01 min
 Lab File: BM019926.D
 Acq: 16 Apr 2019 10:32

Instrument :
 BNA_M
 ClientSampled :

Tot Ion:244 Resp: 2204553
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.7 8.5
 122 10.9 9.1 13.7



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.37 min Scan# 3466
 Delta R.T. -0.01 min
 Lab File: BM019926.D
 Acq: 16 Apr 2019 10:32

Tgt Ion:264 Resp: 474341
 Ion Ratio Lower Upper
 264 100
 260 22.8 19.2 28.8
 265 22.5 17.2 25.8

