

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM042319\
 Data File : BM020049.D
 Acq On : 23 Apr 2019 22:45
 Operator : JU/SJ
 Sample : K2487-06RE
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Apr 24 00:58:29 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM041519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 19 00:56:08 2019
 Response via : Initial Calibration

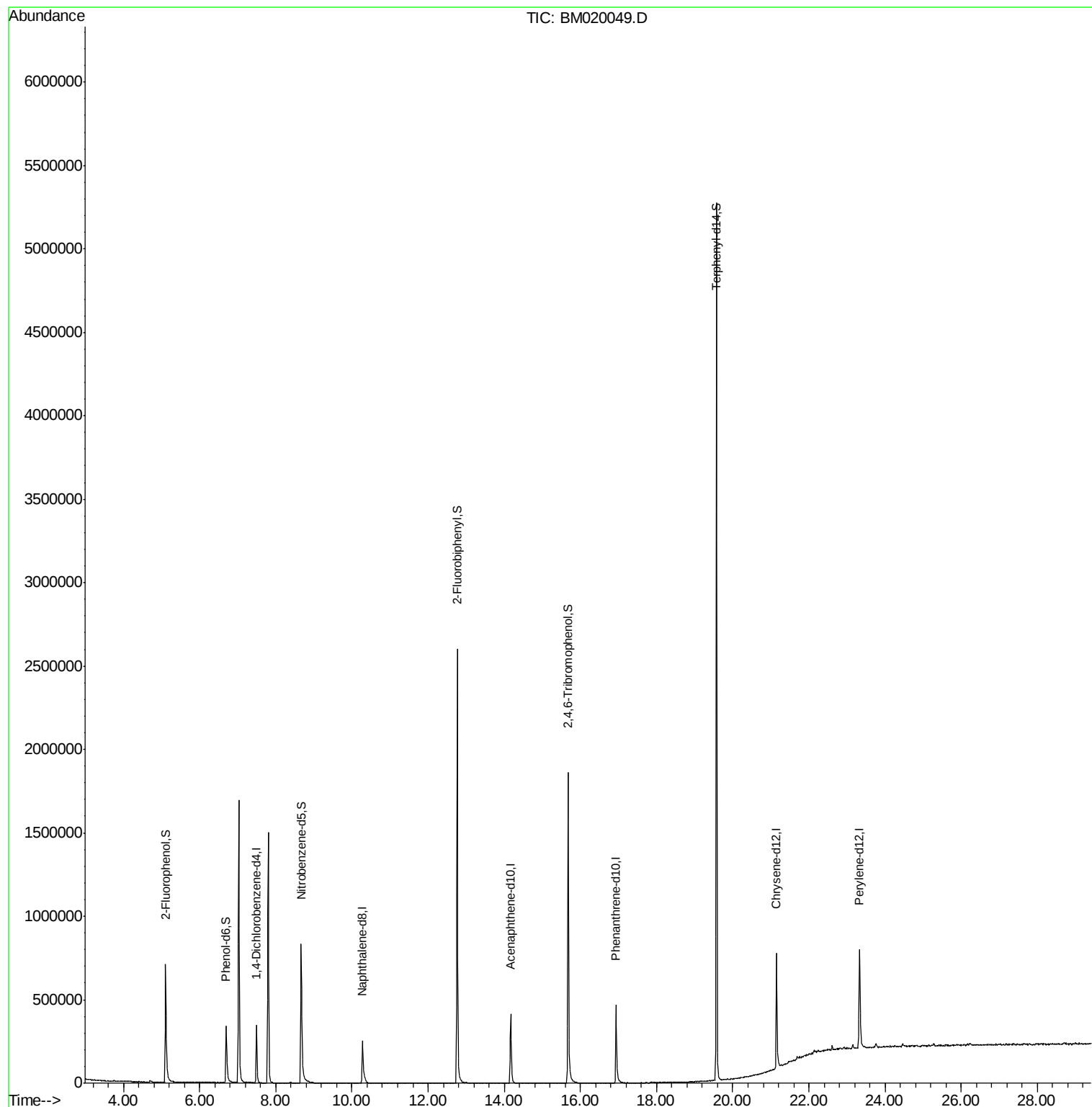
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.49	152	91591	20.00	ng	-0.02
21) Naphthalene-d8	10.27	136	295367	20.00	ng	-0.01
39) Acenaphthene-d10	14.16	164	173353	20.00	ng	-0.01
64) Phenanthrene-d10	16.93	188	371993	20.00	ng	-0.01
76) Chrysene-d12	21.15	240	380987	20.00	ng	-0.01
87) Perylene-d12	23.33	264	482210	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.11	112	349764	61.89	ng	-0.02
7) Phenol-d6	6.69	99	258207	30.36	ng	-0.02
23) Nitrobenzene-d5	8.67	82	678223	102.69	ng	-0.02
42) 2,4,6-Tribromophenol	15.67	330	394203	141.27	ng	-0.02
45) 2-Fluorobiphenyl	12.76	172	1389598	99.90	ng	-0.02
79) Terphenyl-d14	19.57	244	2327414	107.75	ng	-0.02
Target Compounds						
9) Benzaldehyde	6.69	77	241	Below Cal	Qvalue #	7

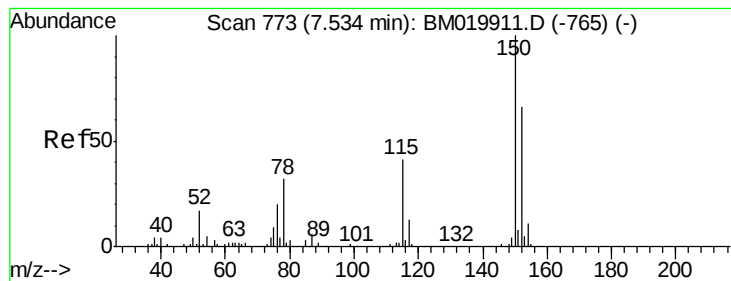
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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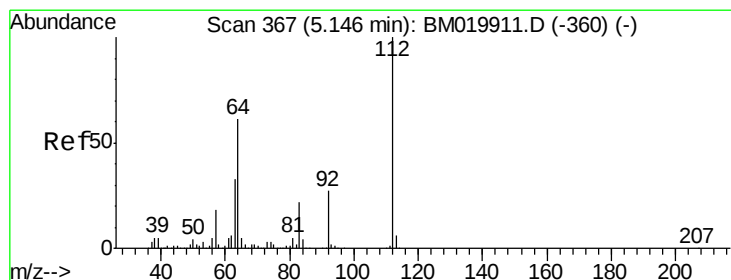
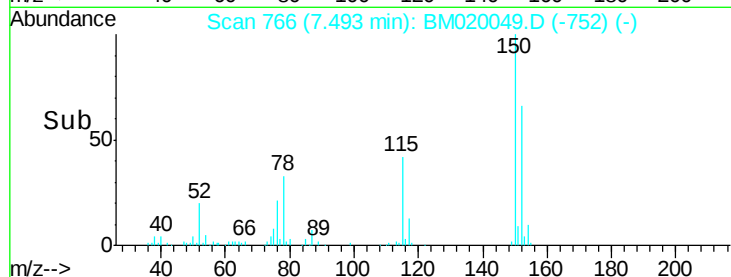
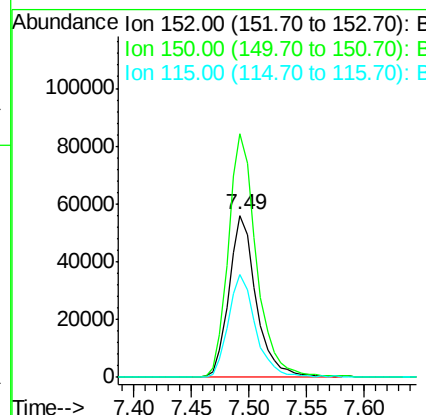
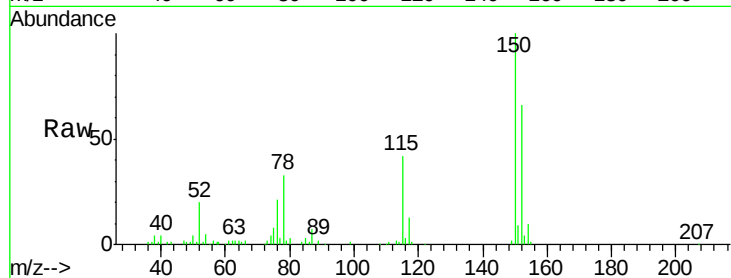


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.49 min Scan# 766
Delta R.T. -0.02 min
Lab File: BM020049.D
Acq: 23 Apr 2019 22:45

Instrument :
BNA_M
ClientSampleId :

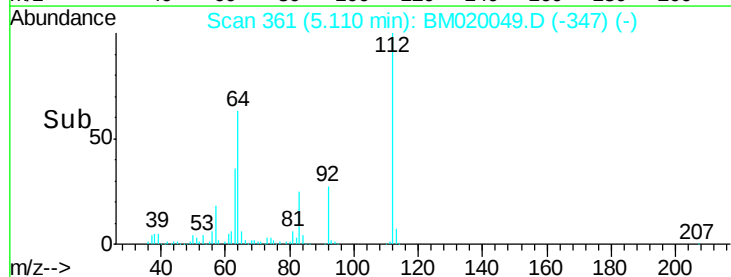
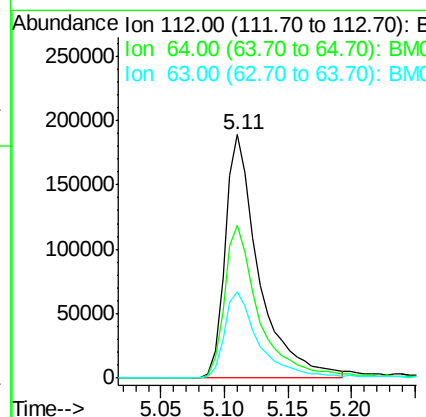
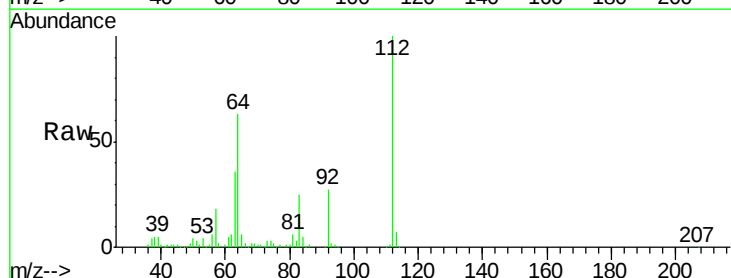
Tot Ion:152 Resp: 91591
Ion Ratio Lower Upper
152 100
150 150.6 122.1 183.1
115 63.9 50.0 75.0

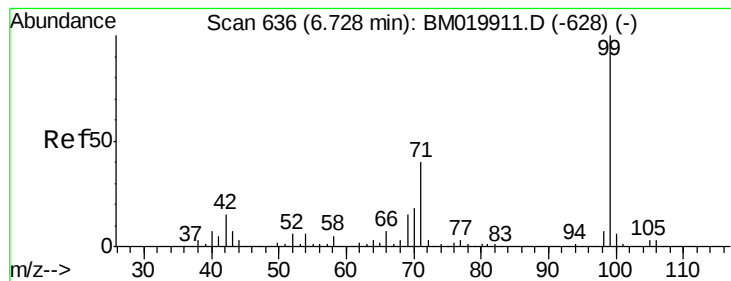


#5

2-Fluorophenol
Concen: 61.889 ng
RT: 5.11 min Scan# 361
Delta R.T. -0.02 min
Lab File: BM020049.D
Acq: 23 Apr 2019 22:45

Tgt Ion:112 Resp: 349764
Ion Ratio Lower Upper
112 100
64 62.8 49.1 73.7
63 35.5 26.5 39.7





#7

Phenol-d6

Concen: 30.358 ng

RT: 6.69 min Scan# 630

Delta R.T. -0.02 min

Lab File: BM020049.D

Acq: 23 Apr 2019 22:45

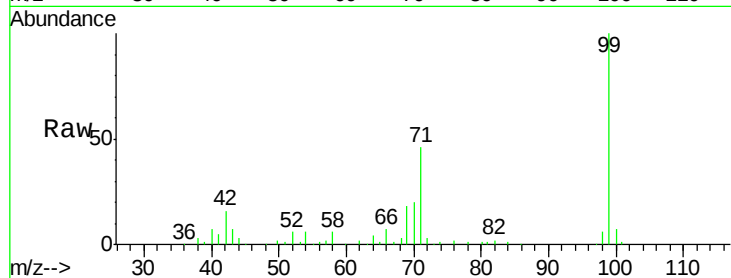
Instrument :

BNA_M

ClientSampleId :

Tot Ion: 99 Resp: 258207

Ion	Ratio	Lower	Upper
99	100		
42	15.8	11.8	17.8
71	46.1	32.0	48.0

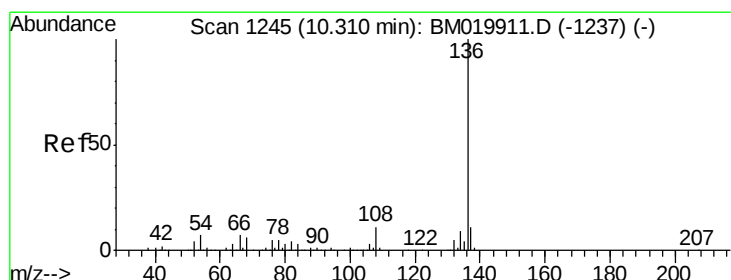
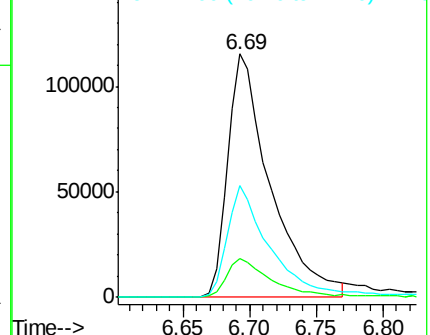
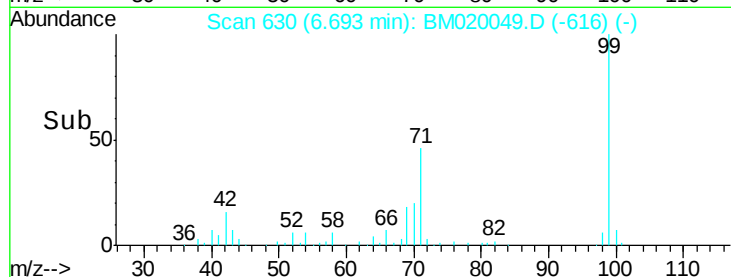


Abundance

Ion 99.00 (98.70 to 99.70): BM0

Ion 42.00 (41.70 to 42.70): BM0

Ion 71.00 (70.70 to 71.70): BM0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.27 min Scan# 1239

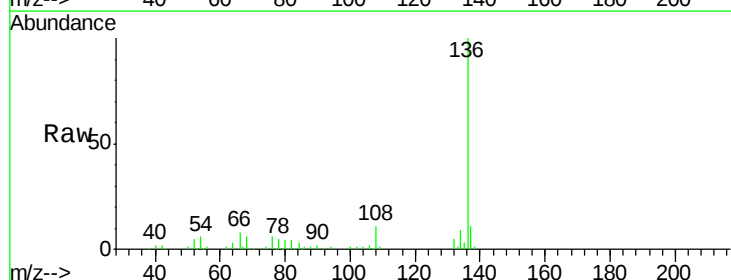
Delta R.T. -0.01 min

Lab File: BM020049.D

Acq: 23 Apr 2019 22:45

Tgt Ion: 136 Resp: 295367

Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.0	13.6
54	6.3	5.3	7.9
68	6.0	5.2	7.8



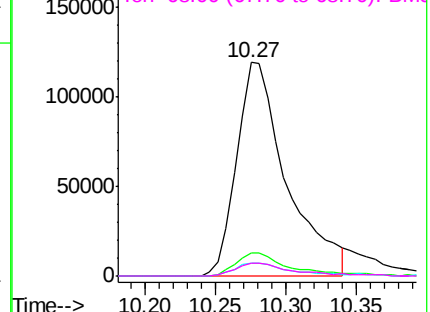
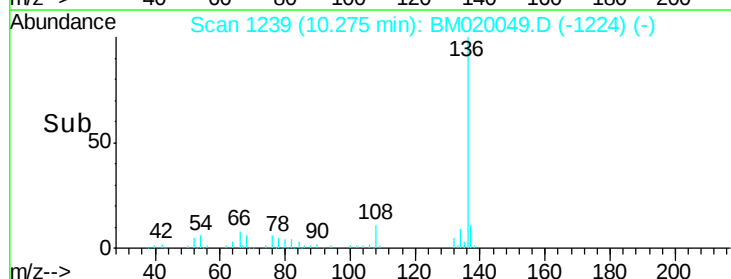
Abundance

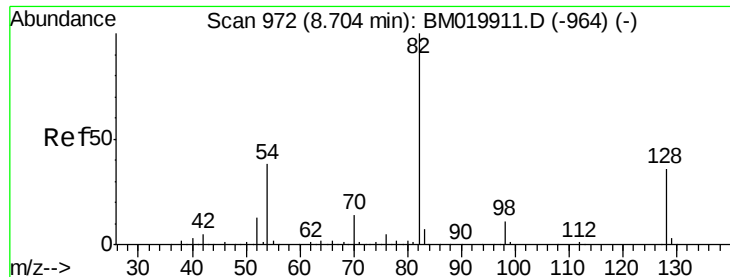
Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BM0

Ion 68.00 (67.70 to 68.70): BM0

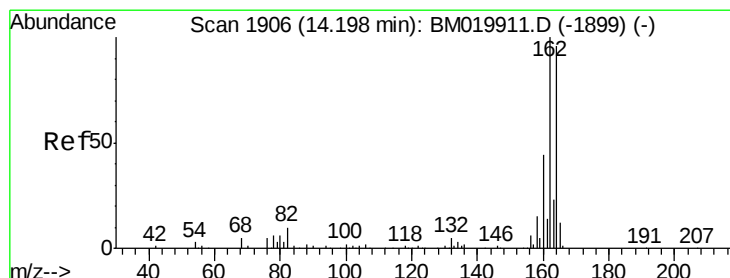
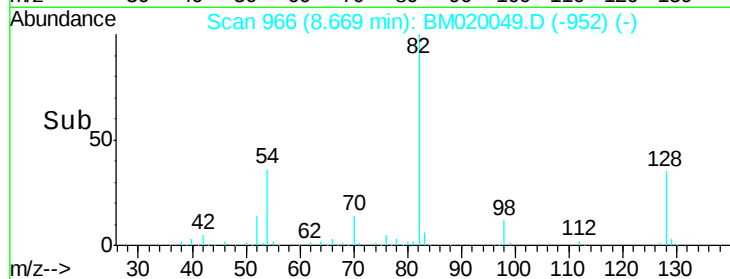
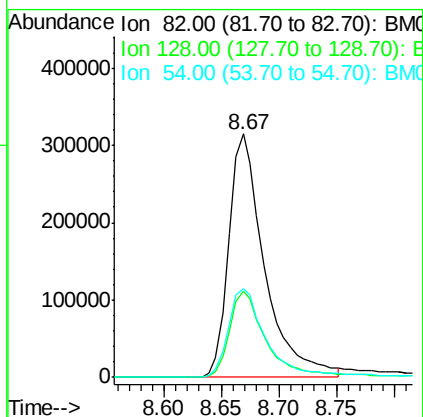
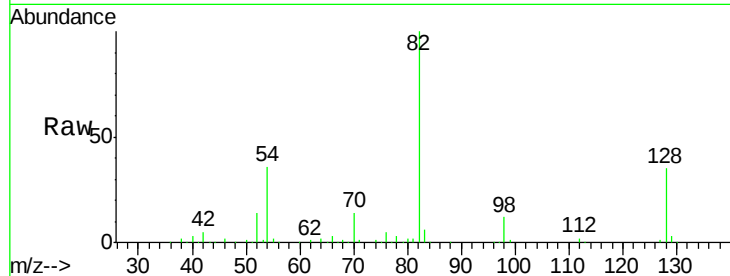




#23
 Nitrobenzene-d5
 Concen: 102.689 ng
 RT: 8.67 min Scan# 966
 Delta R.T. -0.02 min
 Lab File: BM020049.D
 Acq: 23 Apr 2019 22:45

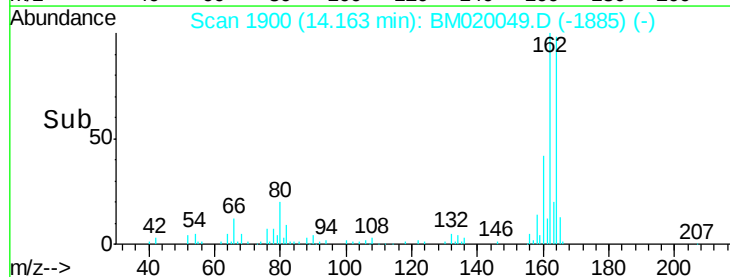
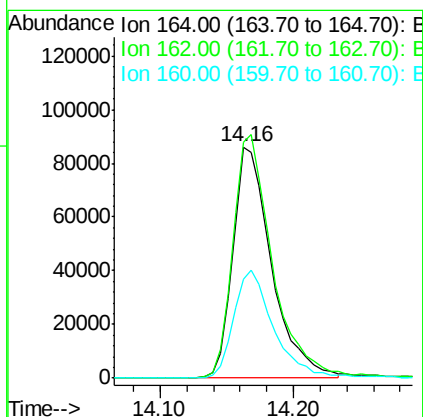
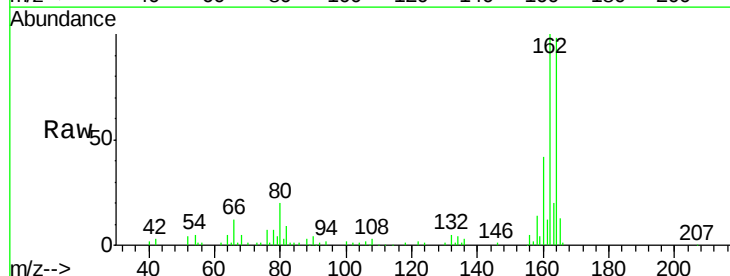
Instrument :
 BNA_M
 ClientSampleId :

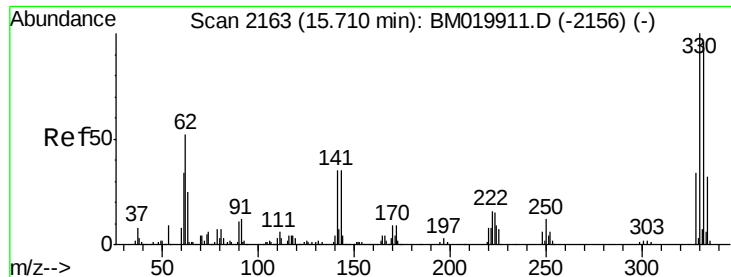
Tot Ion: 82 Resp: 678223
 Ion Ratio Lower Upper
 82 100
 128 35.2 29.0 43.4
 54 36.5 30.2 45.4



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.16 min Scan# 1900
 Delta R.T. -0.01 min
 Lab File: BM020049.D
 Acq: 23 Apr 2019 22:45

Tgt Ion: 164 Resp: 173353
 Ion Ratio Lower Upper
 164 100
 162 102.3 83.0 124.4
 160 42.8 36.6 55.0

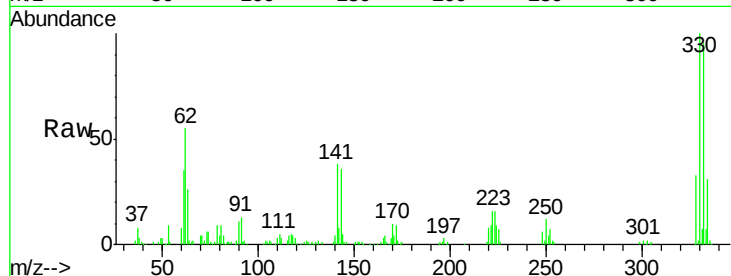




#42
 2,4,6-Tribromophenol
 Concen: 141.266 ng
 RT: 15.67 min Scan# 2157
 Delta R.T. -0.02 min
 Lab File: BM020049.D
 Acq: 23 Apr 2019 22:45

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.5	77.4	116.2
141	39.4	29.0	43.4

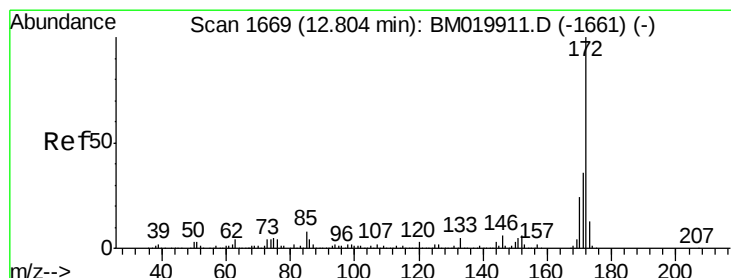
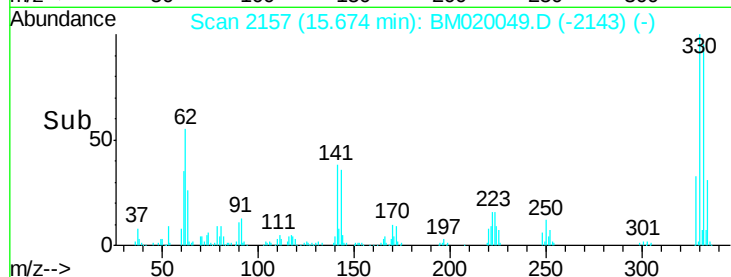
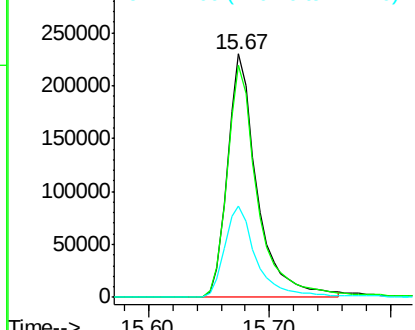


Abundance

Ion 329.80 (329.50 to 330.50): E

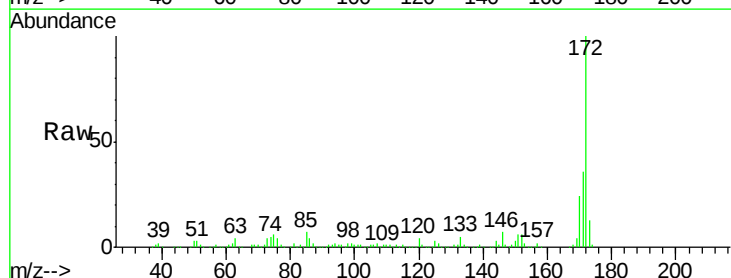
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 99.898 ng
 RT: 12.76 min Scan# 1662
 Delta R.T. -0.02 min
 Lab File: BM020049.D
 Acq: 23 Apr 2019 22:45

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	28.9	43.3
170	23.9	19.0	28.4

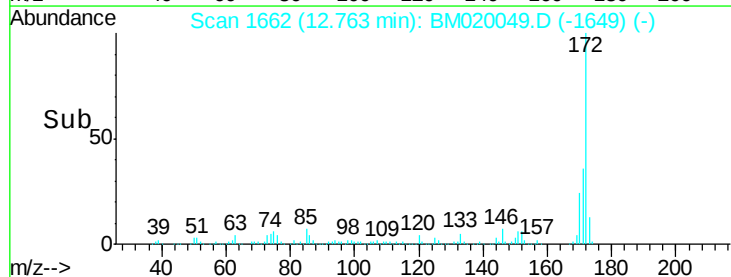
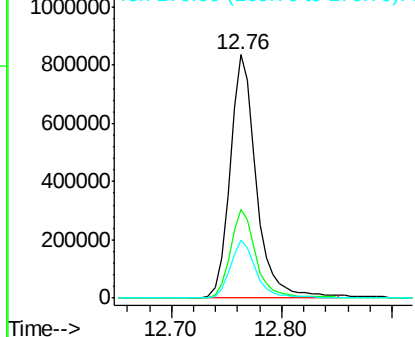


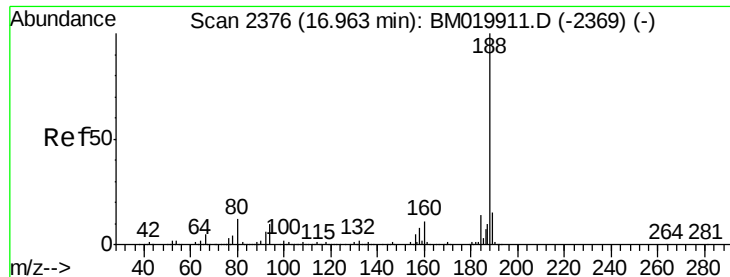
Abundance

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: 16.93 min Scan# 2371

Delta R.T. -0.01 min

Lab File: BM020049.D

Acq: 23 Apr 2019 22:45

Instrument :

BNA_M

ClientSampleId :

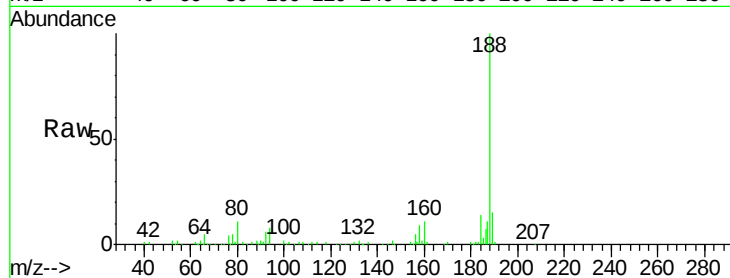
Tot Ion:188 Resp: 371993

Ion Ratio Lower Upper

188 100

94 7.8 7.6 11.4

80 10.6 9.4 14.0

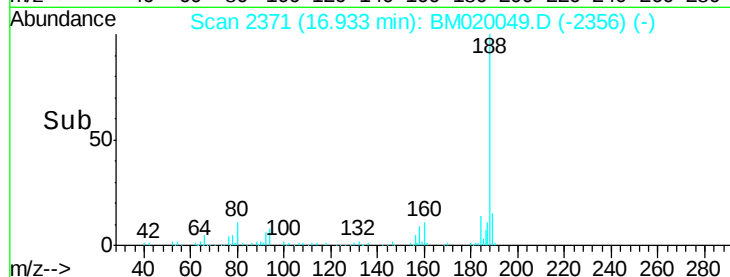


Abundance Ion 188.00 (187.70 to 188.70): E

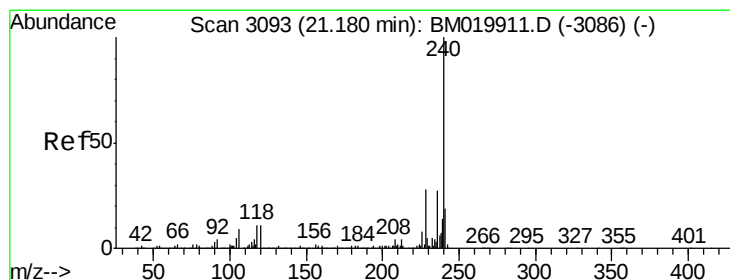
Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0

16.93



Time-->



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.15 min Scan# 3088

Delta R.T. -0.01 min

Lab File: BM020049.D

Acq: 23 Apr 2019 22:45

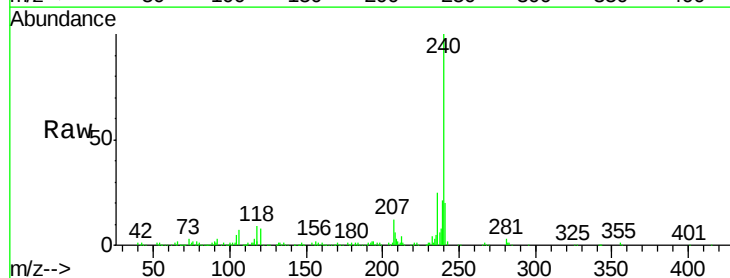
Tgt Ion:240 Resp: 380987

Ion Ratio Lower Upper

240 100

120 8.5 8.6 13.0#

236 25.5 21.4 32.2

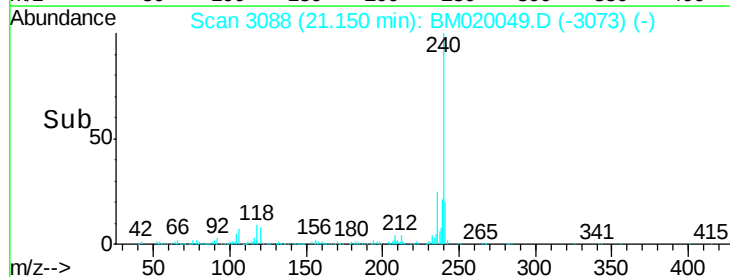


Abundance Ion 240.00 (239.70 to 240.70): E

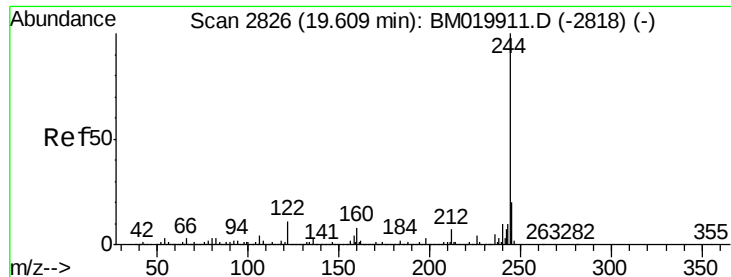
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

21.15



Time-->



#79

Terphenyl-d14

Concen: 107.750 ng

RT: 19.57 min Scan# 2820

Delta R.T. -0.02 min

Lab File: BM020049.D

Acq: 23 Apr 2019 22:45

Instrument :

BNA_M

ClientSampleId :

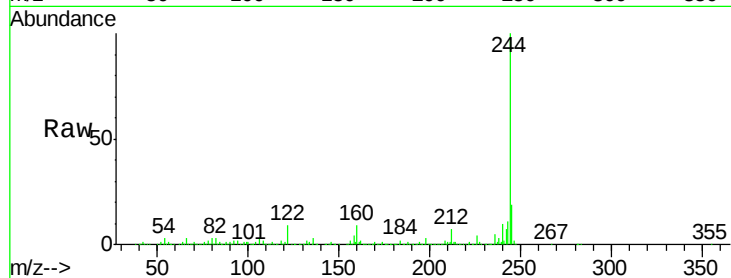
Tot Ion:244 Resp: 2327414

Ion Ratio Lower Upper

244 100

212 7.3 5.7 8.5

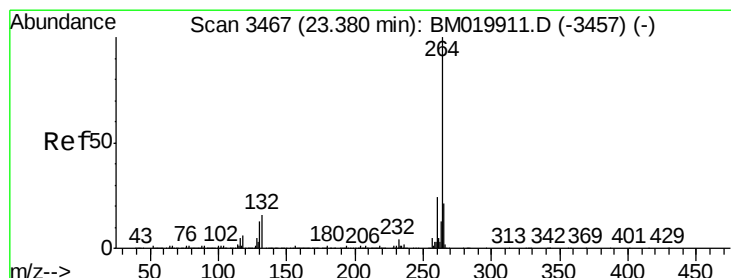
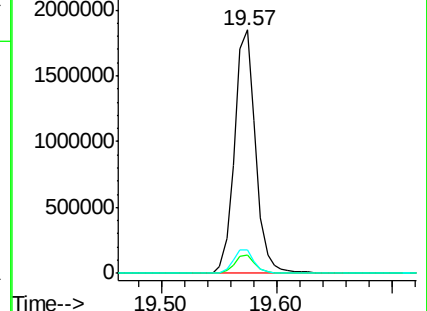
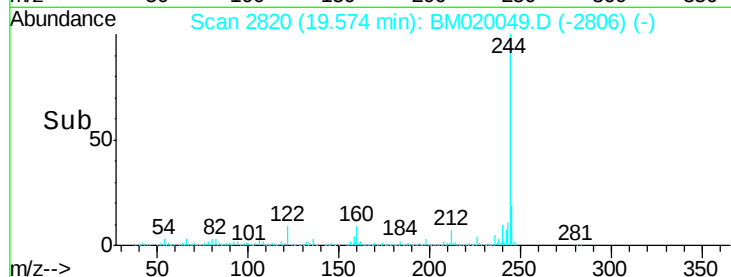
122 9.5 9.1 13.7



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: 23.33 min Scan# 3458

Delta R.T. -0.02 min

Lab File: BM020049.D

Acq: 23 Apr 2019 22:45

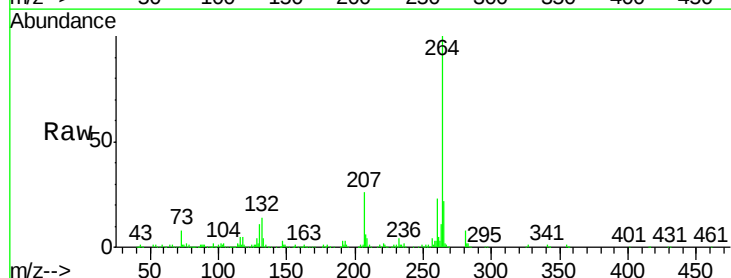
Tgt Ion:264 Resp: 482210

Ion Ratio Lower Upper

264 100

260 23.2 19.2 28.8

265 22.5 17.2 25.8



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

