

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM031219\
 Data File : BM019141.D
 Acq On : 13 Mar 2019 10:17
 Operator : JU/SJ
 Sample : K1824-13
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 P-1

Quant Time: Mar 13 14:16:05 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM031119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 11 17:30:46 2019
 Response via : Initial Calibration

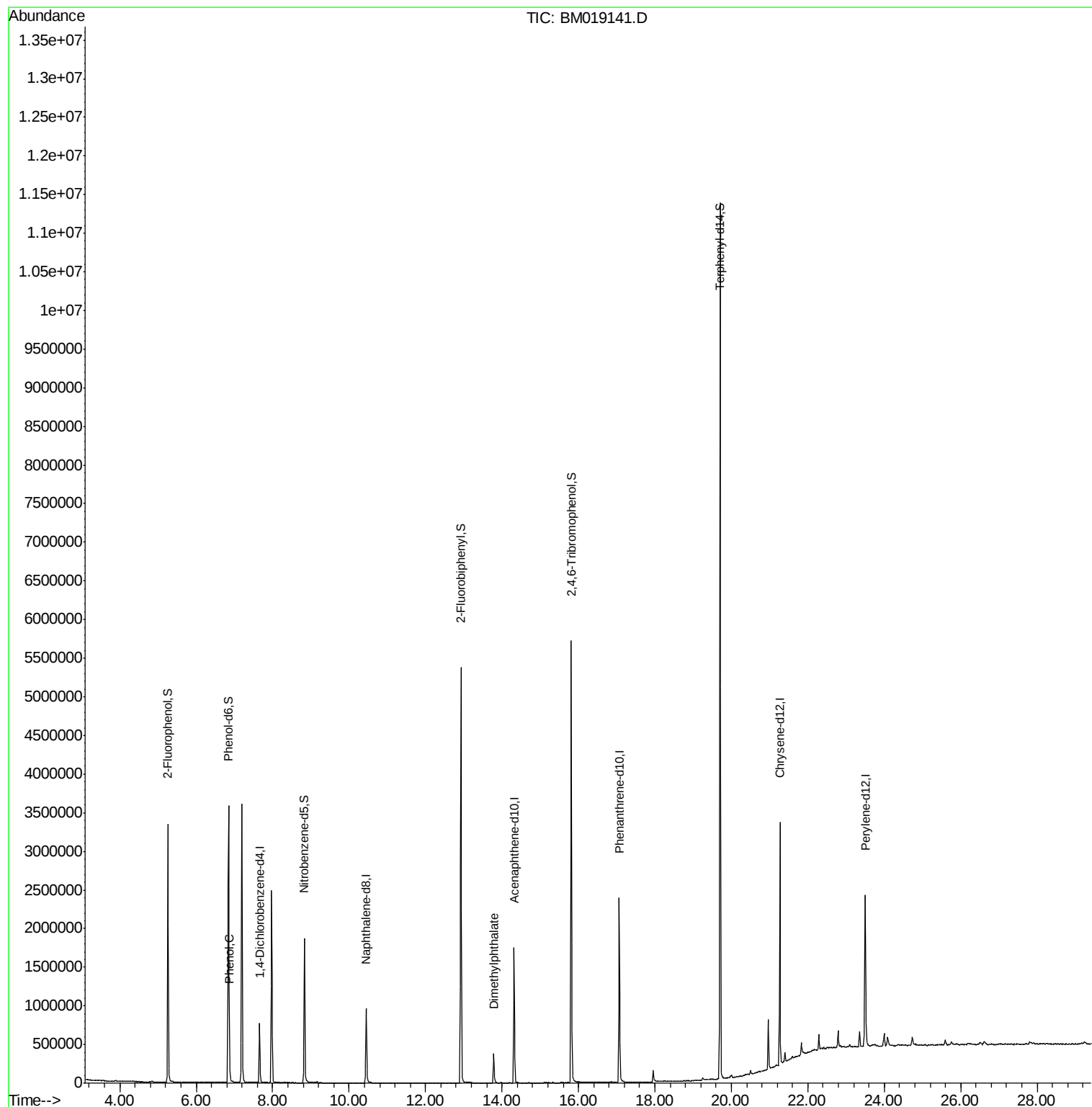
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	197459	20.00	ng	0.00
21) Naphthalene-d8	10.45	136	826596	20.00	ng	0.00
39) Acenaphthene-d10	14.32	164	552510	20.00	ng	0.00
64) Phenanthrene-d10	17.07	188	1348502	20.00	ng	0.00
76) Chrysene-d12	21.27	240	1447482	20.00	ng	0.00
87) Perylene-d12	23.50	264	1365827	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	1422261	116.65	ng	0.00
7) Phenol-d6	6.85	99	2114566	118.57	ng	0.00
23) Nitrobenzene-d5	8.83	82	1253691	71.69	ng	0.00
42) 2,4,6-Tribromophenol	15.82	330	1015899	124.53	ng	0.00
45) 2-Fluorobiphenyl	12.93	172	2665968	62.76	ng	0.00
79) Terphenyl-d14	19.70	244	4950889	67.90	ng	0.00
Target Compounds						
10) Phenol	6.87	94	129721	6.749	ng	95
50) Dimethylphthalate	13.78	163	267177	5.653	ng	98

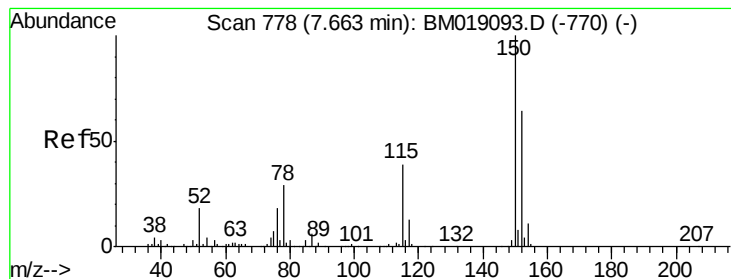
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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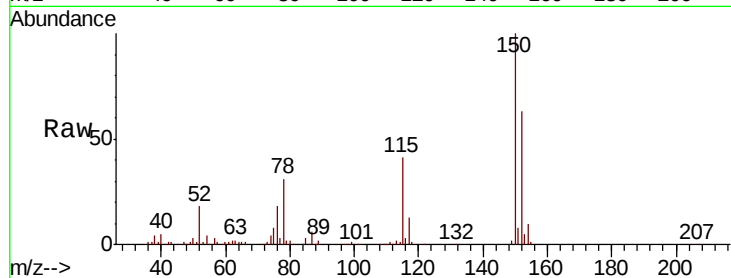


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.66 min Scan# 777
Delta R.T. -0.01 min
Lab File: BM019141.D
Acq: 13 Mar 2019 10:17

Instrument :
BNA_M
ClientSampled :
P-1

Tot Ion	152	Resp	197459
Ion Ratio	Lower	Upper	
152	100		
150	159.0	125.3	187.9
115	64.5	49.4	74.0

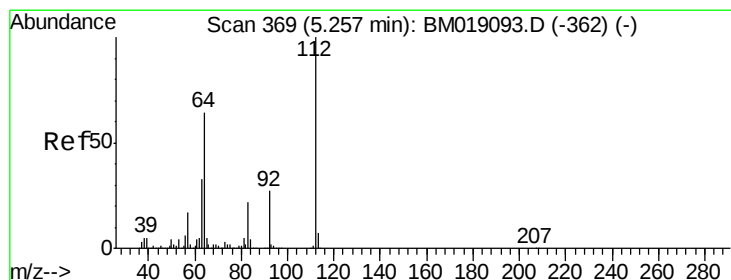
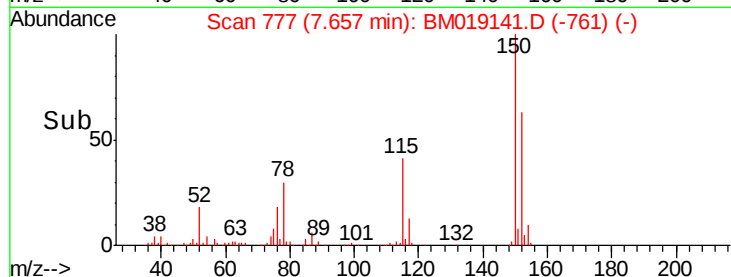
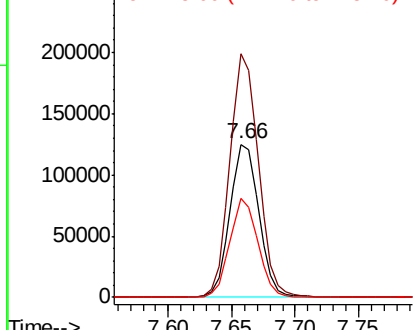


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

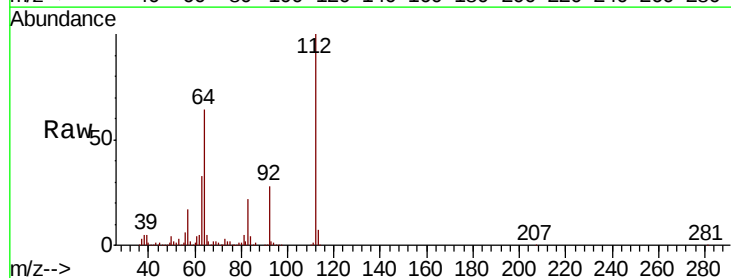
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 116.648 ng
RT: 5.26 min Scan# 369
Delta R.T. 0.00 min
Lab File: BM019141.D
Acq: 13 Mar 2019 10:17

Tgt Ion	112	Resp	1422261
Ion Ratio	Lower	Upper	
112	100		
64	64.2	51.4	77.0
63	32.6	26.6	40.0

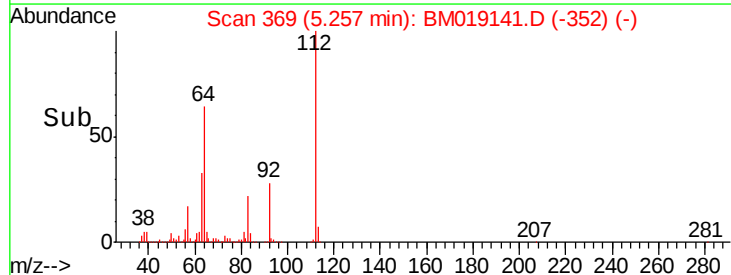
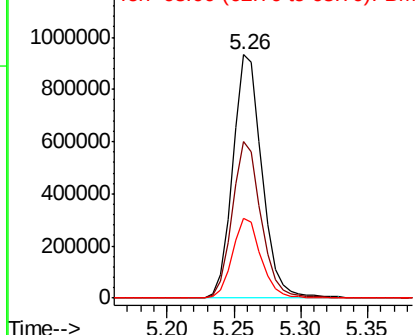


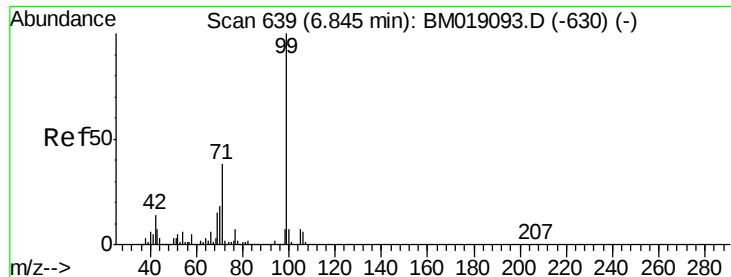
Abundance

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: 118.566 ng

RT: 6.85 min Scan# 639

Delta R.T. 0.00 min

Lab File: BM019141.D

Acq: 13 Mar 2019 10:17

Instrument :

BNA_M

ClientSampleId :

P-1

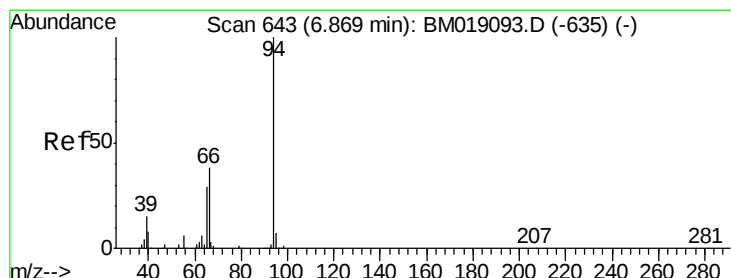
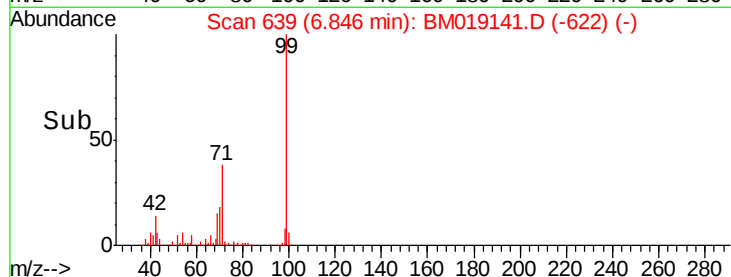
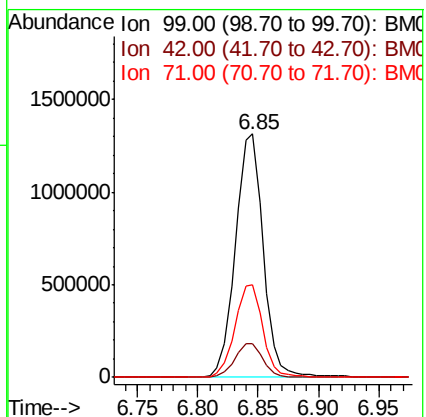
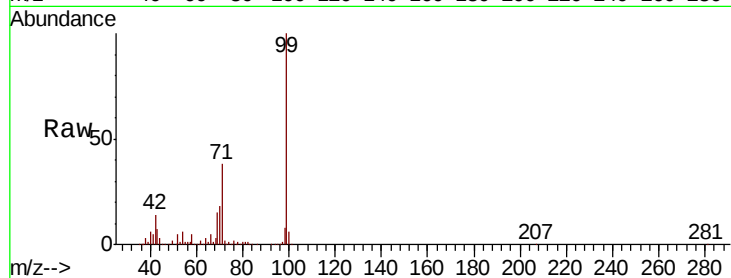
Tot Ion: 99 Resp: 2114566

Ion Ratio Lower Upper

99 100

42 13.7 10.9 16.3

71 37.9 30.3 45.5



#10

Phenol

Concen: 6.749 ng

RT: 6.87 min Scan# 643

Delta R.T. 0.00 min

Lab File: BM019141.D

Acq: 13 Mar 2019 10:17

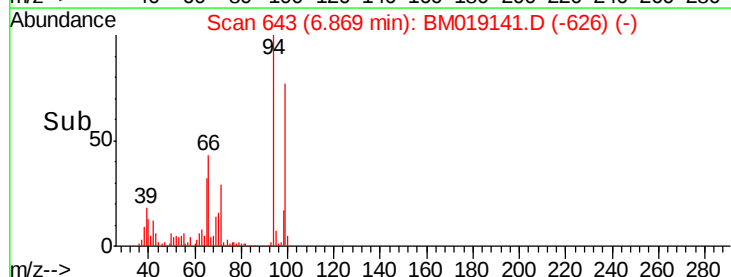
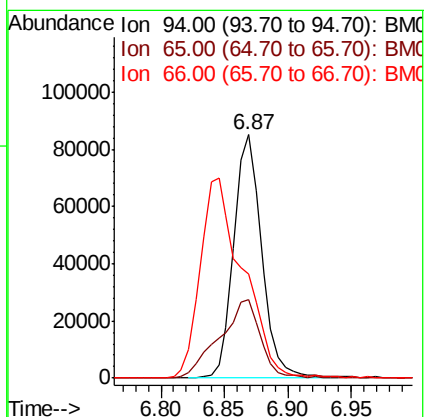
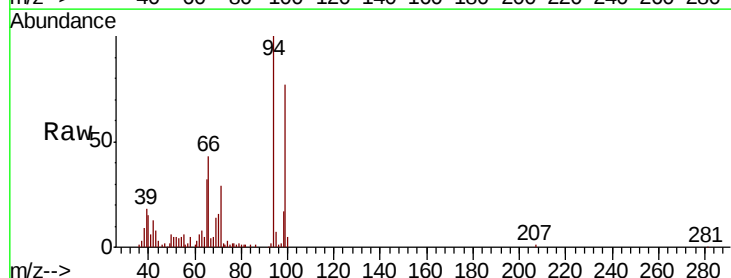
Tgt Ion: 94 Resp: 129721

Ion Ratio Lower Upper

94 100

65 32.0 9.7 49.7

66 42.8 19.2 59.2

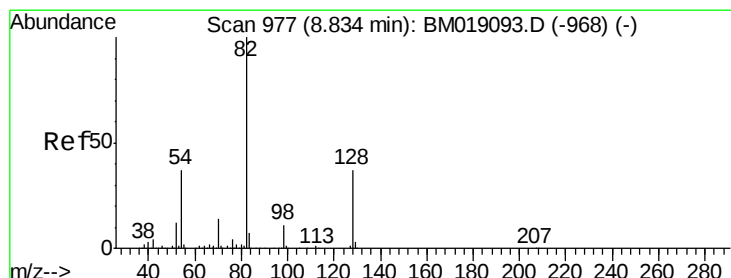
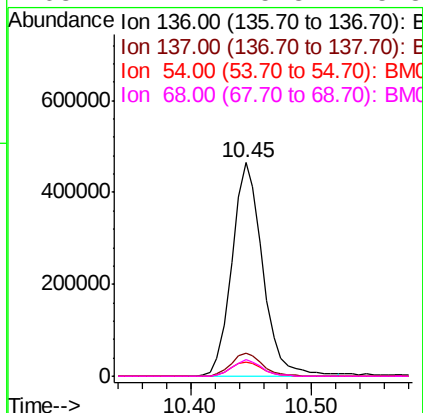
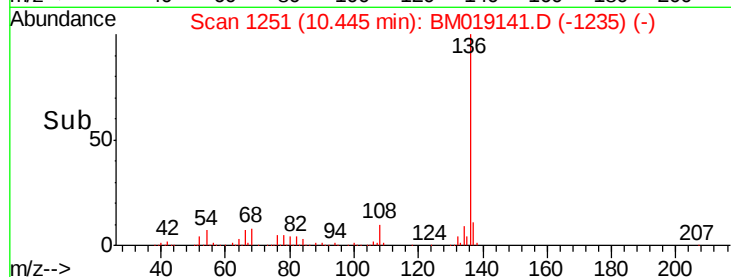
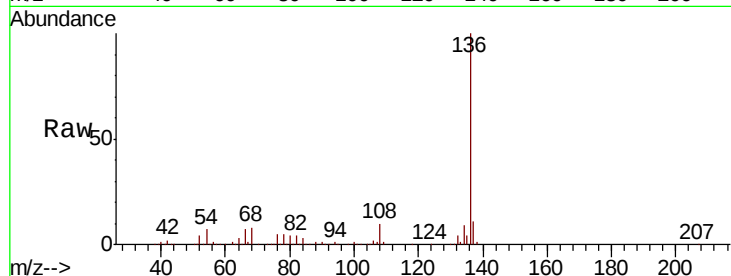




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.45 min Scan# 1251
Delta R.T. -0.01 min
Lab File: BM019141.D
Acq: 13 Mar 2019 10:17

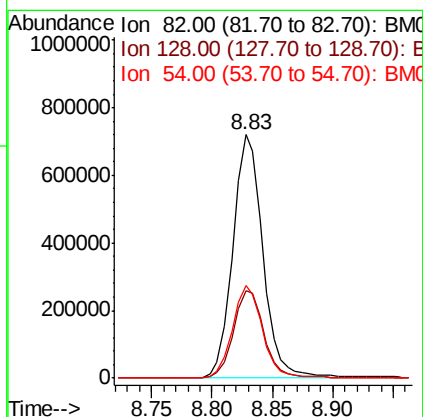
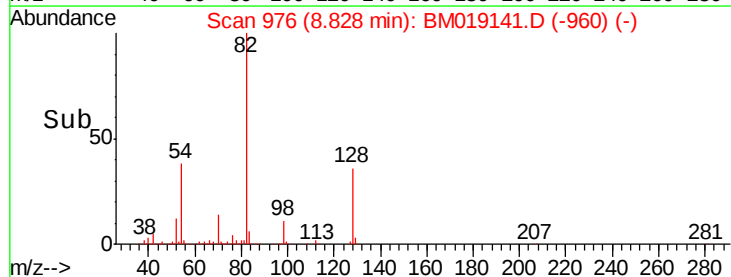
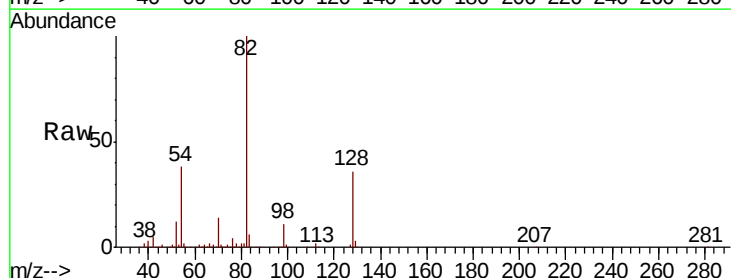
Instrument :
BNA_M
ClientSampleId :
P-1

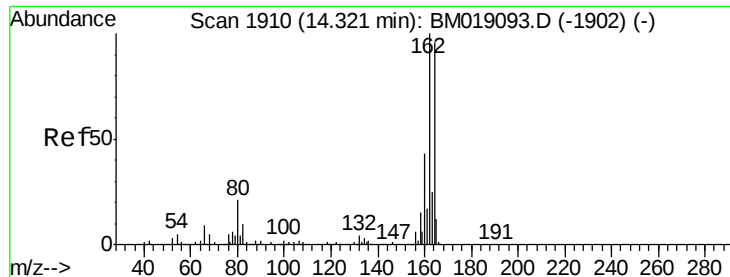
Tot Ion:136	Resp:	826596
Ion Ratio	Lower	Upper
136 100		
137 10.6	8.6	13.0
54 6.7	5.2	7.8
68 7.7	5.8	8.8



#23
Nitrobenzene-d5
Concen: 71.694 ng
RT: 8.83 min Scan# 976
Delta R.T. -0.01 min
Lab File: BM019141.D
Acq: 13 Mar 2019 10:17

Tgt Ion: 82	Resp: 1253691
Ion Ratio	Lower Upper
82 100	
128 36.1	29.4 44.2
54 38.0	29.9 44.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.32 min Scan# 1909

Delta R.T. -0.01 min

Lab File: BM019141.D

Acq: 13 Mar 2019 10:17

Instrument :

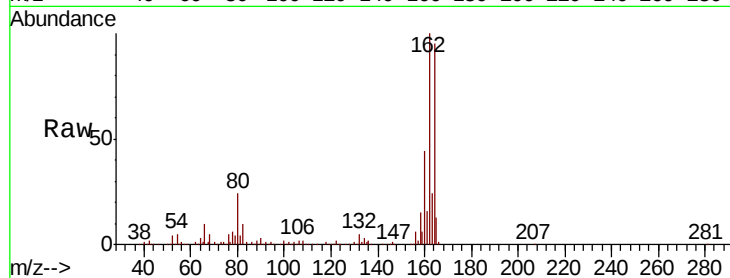
BNA_M

ClientSampleId :

P-1

Tot Ion:164 Resp: 552510

Ion	Ratio	Lower	Upper
164	100		
162	104.8	83.5	125.3
160	46.3	36.3	54.5

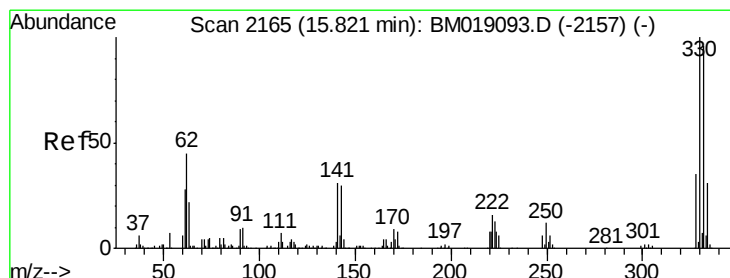
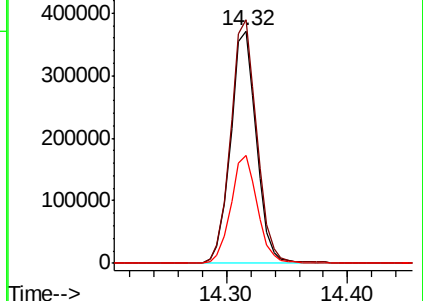
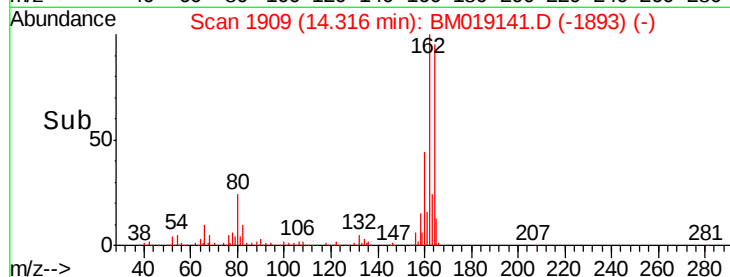


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#42

2,4,6-Tribromophenol

Concen: 124.534 ng

RT: 15.82 min Scan# 2164

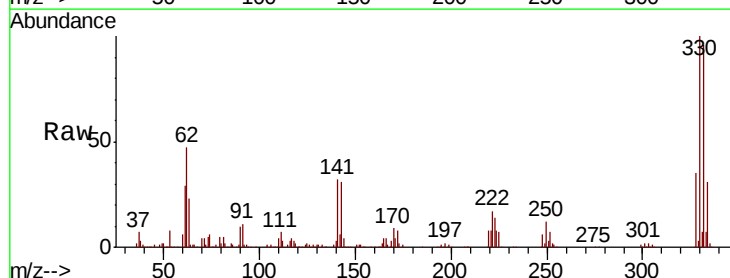
Delta R.T. -0.01 min

Lab File: BM019141.D

Acq: 13 Mar 2019 10:17

Tgt Ion:330 Resp: 1015899

Ion	Ratio	Lower	Upper
330	100		
332	97.2	76.8	115.2
141	34.3	27.0	40.4

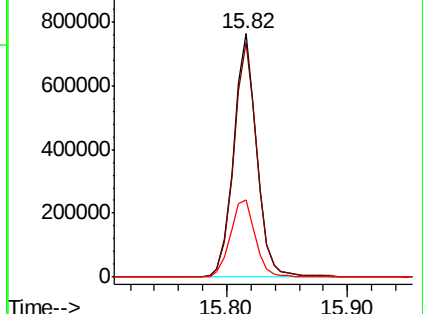
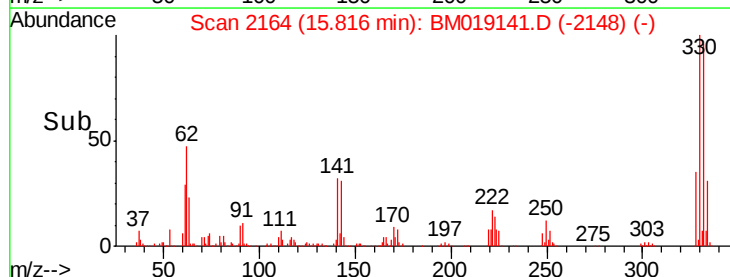


Abundance

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



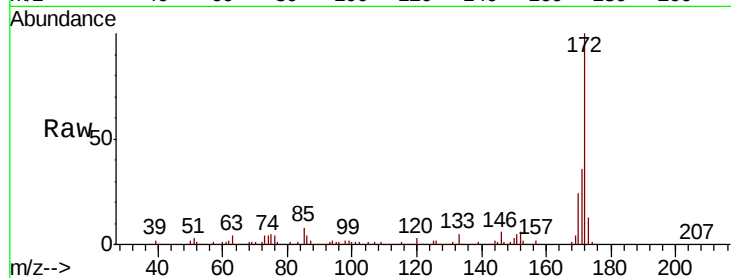


#45
 2-Fluorobiphenyl
 Concen: 62.764 ng
 RT: 12.93 min Scan# 1673
 Delta R.T. -0.01 min
 Lab File: BM019141.D
 Acq: 13 Mar 2019 10:17

Instrument :
 BNA_M
 ClientSampleId :
 P-1

Tot Ion:172 Resp: 2665968

Ion	Ratio	Lower	Upper
172	100		
171	36.1	28.6	42.8
170	23.8	18.6	28.0

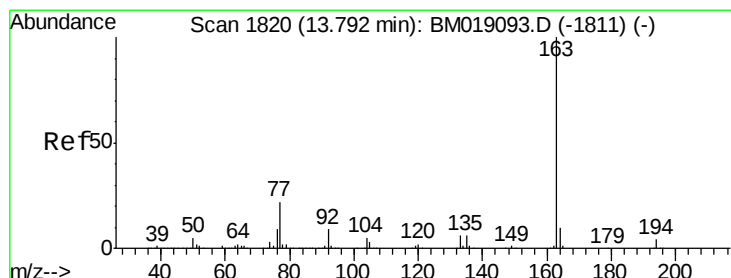
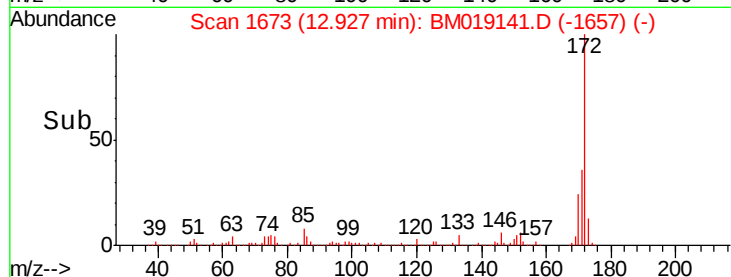
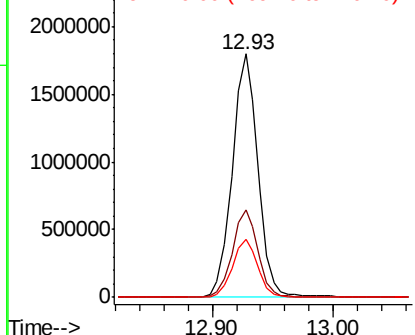


Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

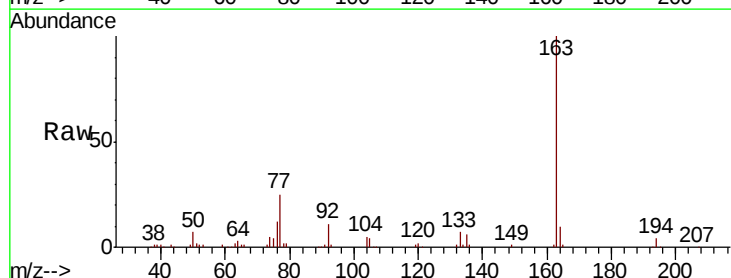
Ion 170.00 (169.70 to 170.70): E



#50
 Dimethylphthalate
 Concen: 5.653 ng
 RT: 13.78 min Scan# 1818
 Delta R.T. -0.01 min
 Lab File: BM019141.D
 Acq: 13 Mar 2019 10:17

Tgt Ion:163 Resp: 267177

Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.3	4.9
164	10.5	7.7	11.5

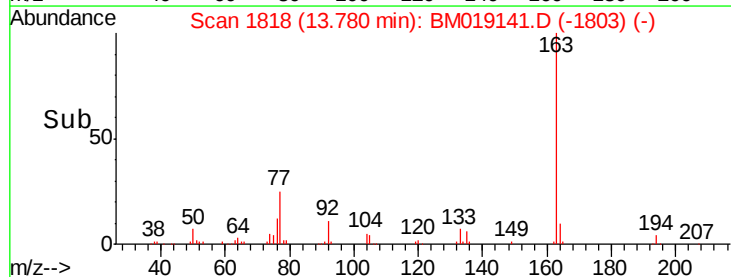
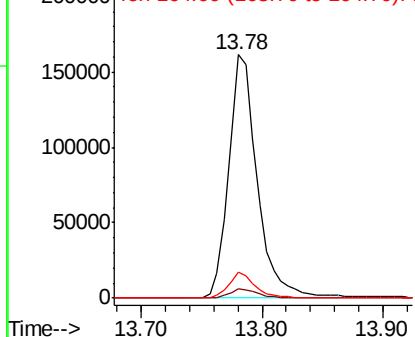


Abundance

Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

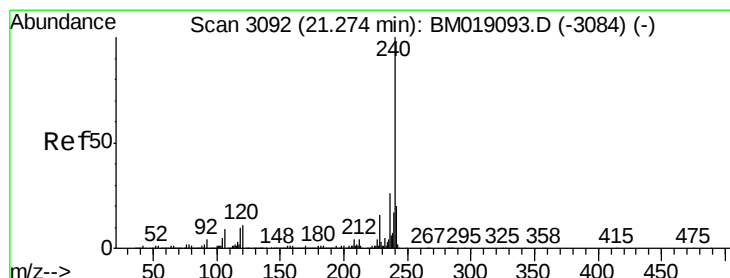
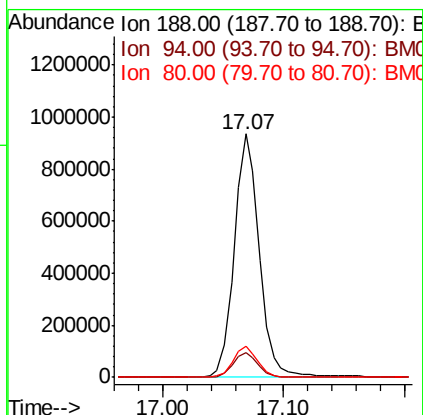
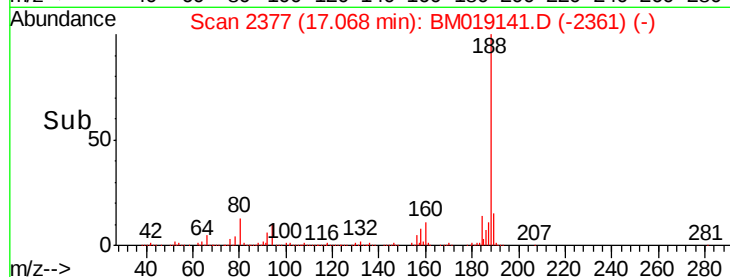
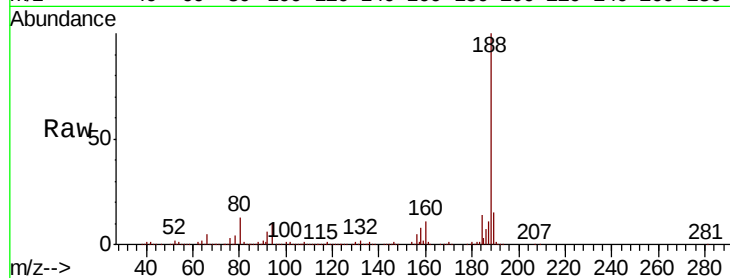




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.07 min Scan# 2377
Delta R.T. -0.01 min
Lab File: BM019141.D
Acq: 13 Mar 2019 10:17

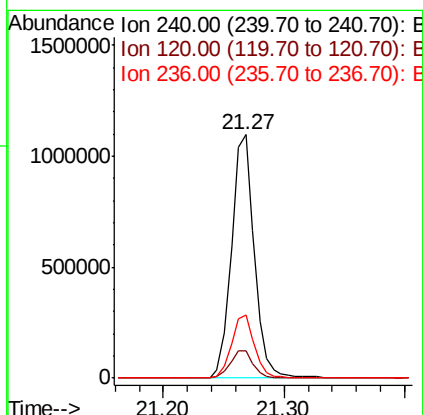
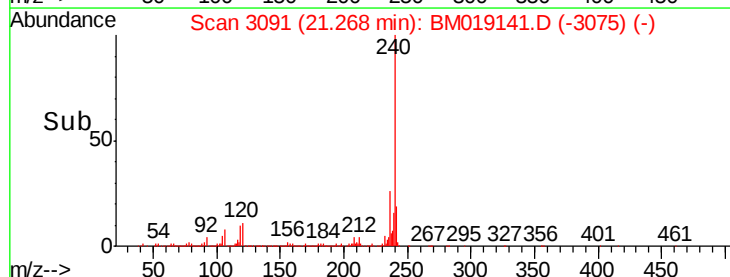
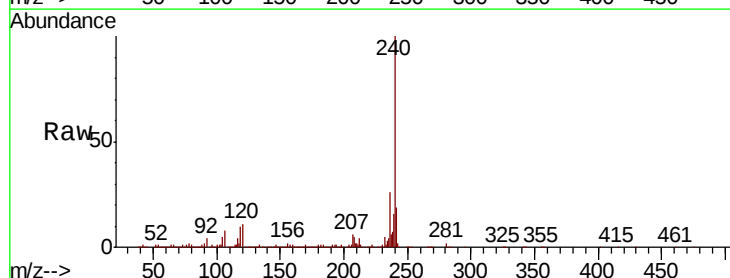
Instrument :
BNA_M
ClientSampleId :
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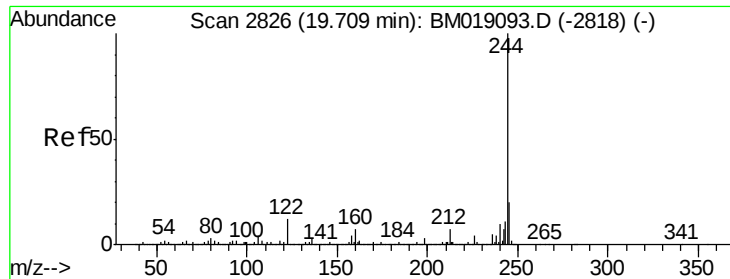
Tot Ion:188 Resp: 1348502
Ion Ratio Lower Upper
188 100
94 10.0 8.1 12.1
80 12.6 9.7 14.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.27 min Scan# 3091
Delta R.T. -0.01 min
Lab File: BM019141.D
Acq: 13 Mar 2019 10:17

Tgt Ion:240 Resp: 1447482
Ion Ratio Lower Upper
240 100
120 11.2 8.9 13.3
236 25.8 21.0 31.4





#79

Terphenyl-d14

Concen: 67.901 ng

RT: 19.70 min Scan# 2825

Delta R.T. -0.01 min

Lab File: BM019141.D

Acq: 13 Mar 2019 10:17

Instrument :

BNA_M

ClientSampled :

P-1

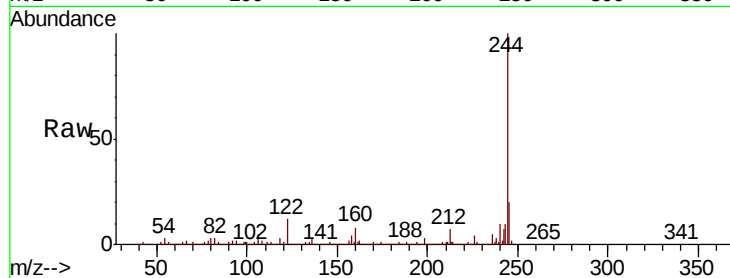
Tot Ion:244 Resp: 4950889

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.2

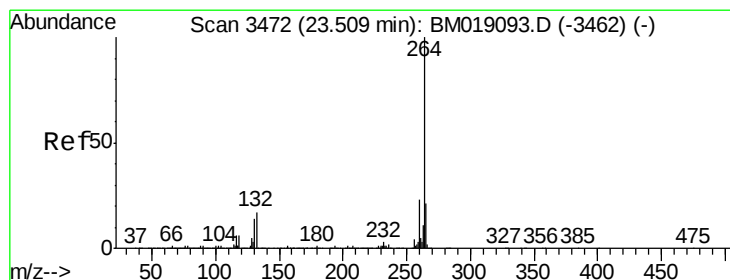
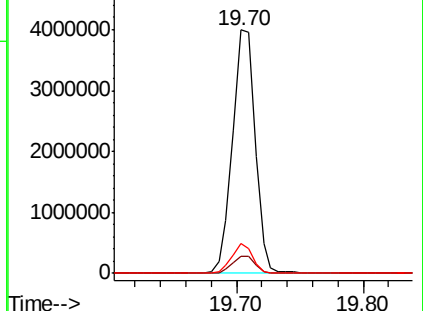
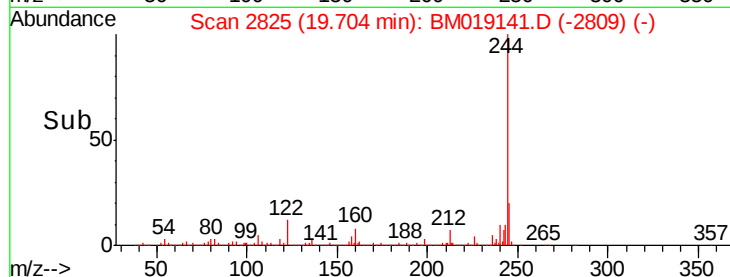
122 12.1 9.4 14.2



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: 23.50 min Scan# 3471

Delta R.T. -0.01 min

Lab File: BM019141.D

Acq: 13 Mar 2019 10:17

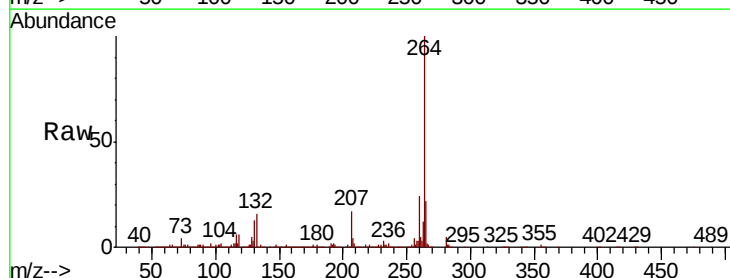
Tgt Ion:264 Resp: 1365827

Ion Ratio Lower Upper

264 100

260 24.2 18.6 28.0

265 21.7 17.3 25.9



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

