

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM041919\
 Data File : BM019992.D
 Acq On : 20 Apr 2019 04:53
 Operator : JU/SJ
 Sample : K2202-02
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SA-06-041819-A

Manual Integrations
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 4/23/2019 8:19:26 AM

Quant Time: Apr 22 04:07:42 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	7.52	152	9486	20.00	ng	0.00
21) Naphthalene-d8	10.30	136	41944m	20.00	ng	0.02
39) Acenaphthene-d10	14.19	164	24851	20.00	ng	0.02
64) Phenanthrene-d10	16.96	188	61917	20.00	ng	0.02
76) Chrysene-d12	21.17	240	147805	20.00	ng	0.00
87) Perylene-d12	23.35	264	332849	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.13	112	76234	130.24	ng	0.00
7) Phenol-d6	6.72	99	93687m	106.35	ng	0.01
23) Nitrobenzene-d5	8.72	82	68647m	73.19	ng	0.03
42) 2,4,6-Tribromophenol	15.70	330	48478	121.19	ng	0.01
45) 2-Fluorobiphenyl	12.79	172	140551	70.48	ng	0.00
79) Terphenyl-d14	19.59	244	426322	50.87	ng	0.00

Target Compounds Qvalue

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

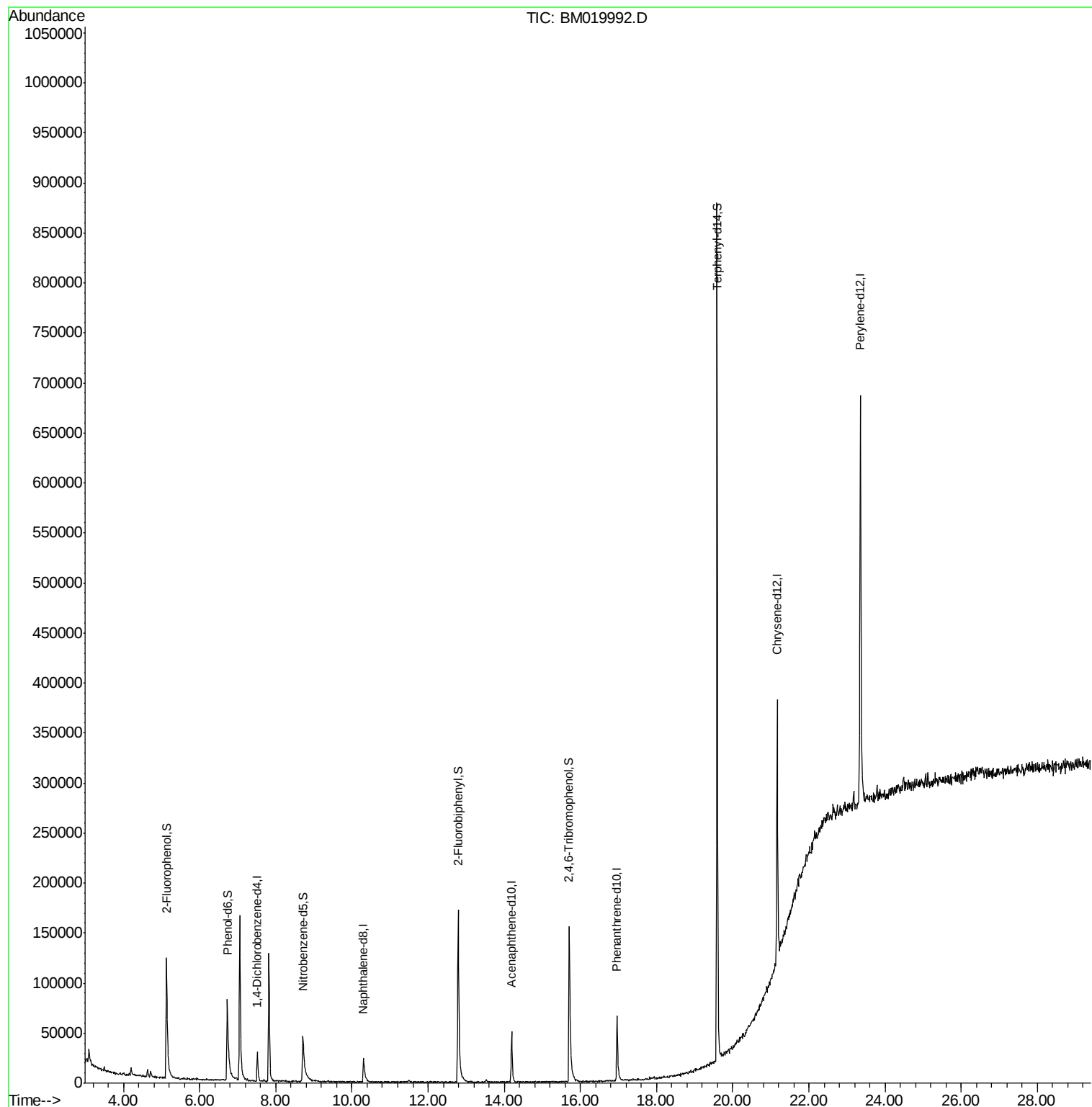
Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM041919\
Data File : BM019992.D
Acq On : 20 Apr 2019 04:53
Operator : JU/SJ
Sample : K2202-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

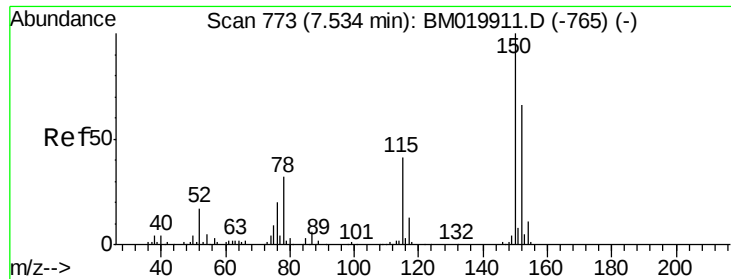
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#1

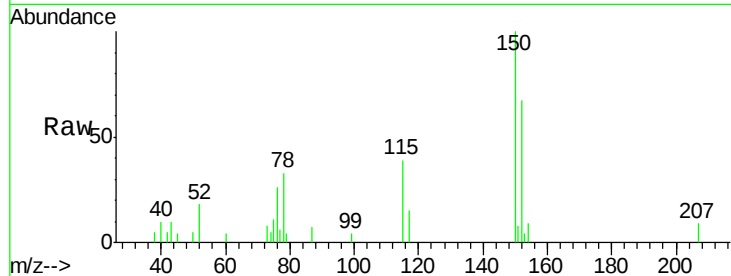
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.52 min Scan# 770
Delta R.T. 0.01 min
Lab File: BM019992.D
Acq: 20 Apr 2019 04:53

Instrument :
BNA_M
ClientSampleId :
SA-06-041819-A

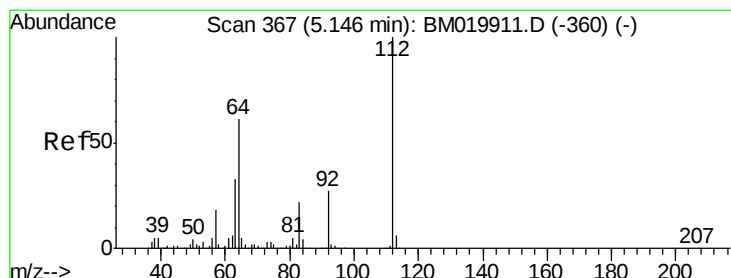
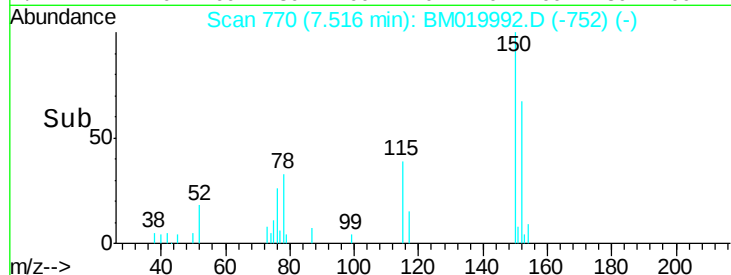
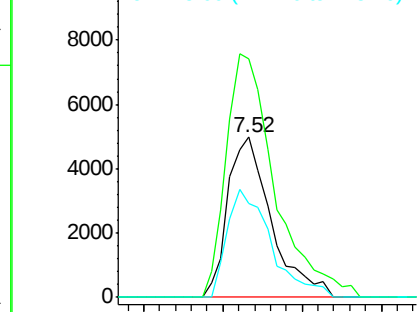
Tgt Ion	Ratio	Lower	Upper
152	100		
150	149.3	122.1	183.1
115	58.4	50.0	75.0

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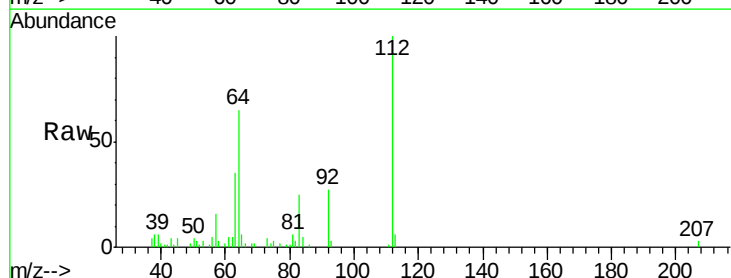
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



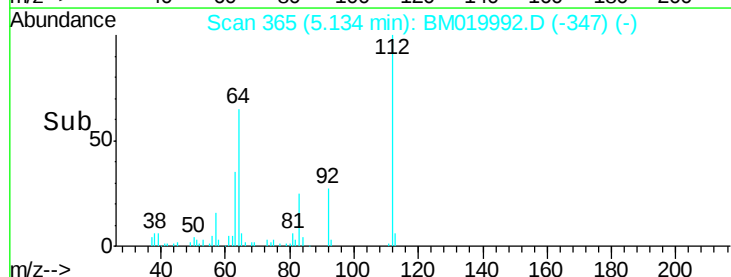
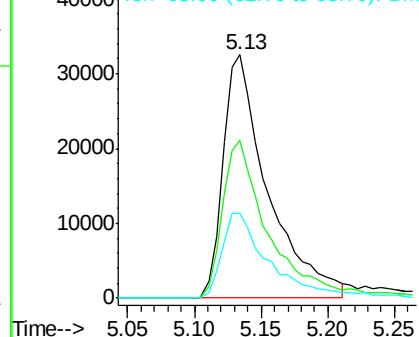
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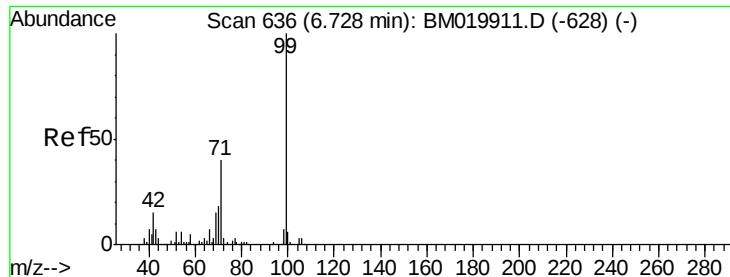
2-Fluorophenol
Concen: 130.243 ng
RT: 5.13 min Scan# 365
Delta R.T. 0.01 min
Lab File: BM019992.D
Acq: 20 Apr 2019 04:53

Tgt Ion	Ratio	Lower	Upper
112	100		
64	65.0	49.1	73.7
63	34.7	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

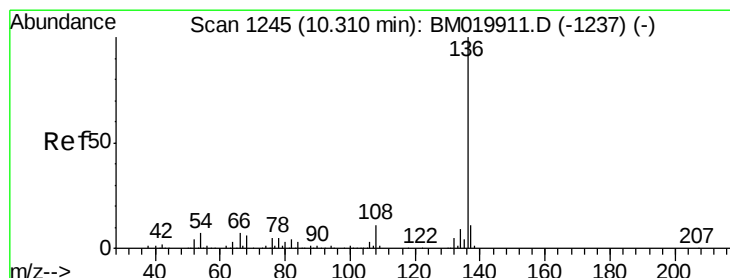
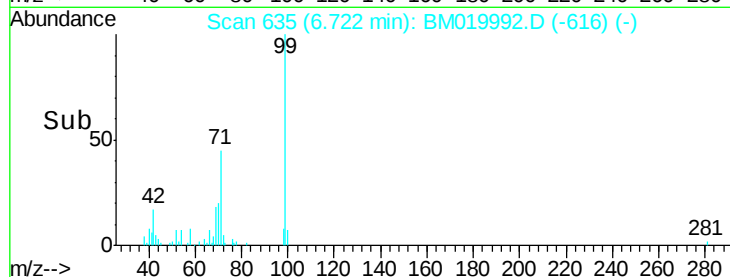
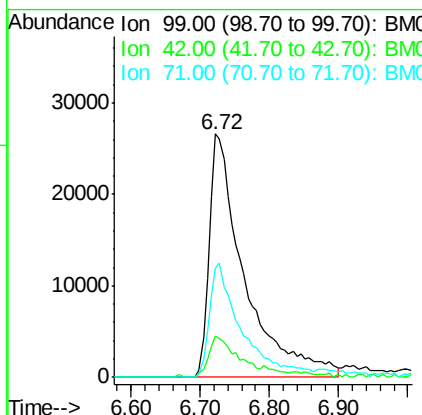
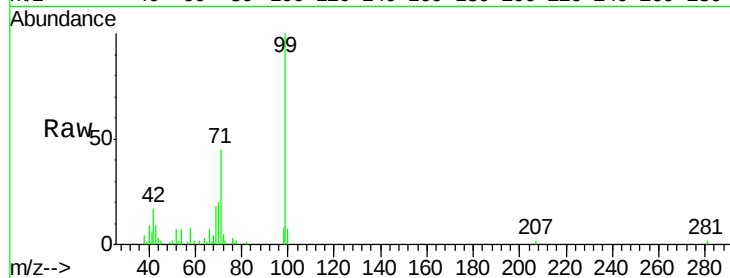
Concen: 106.354 ng m
RT: 6.72 min Scan# 635
Delta R.T. 0.01 min
Lab File: BM019992.D
Acq: 20 Apr 2019 04:53

Instrument :
BNA_M
ClientSampleId :
SA-06-041819-A

Tgt Ion	Ratio	Lower	Upper
99	100		
42	17.1	11.8	17.8
71	44.9	32.0	48.0

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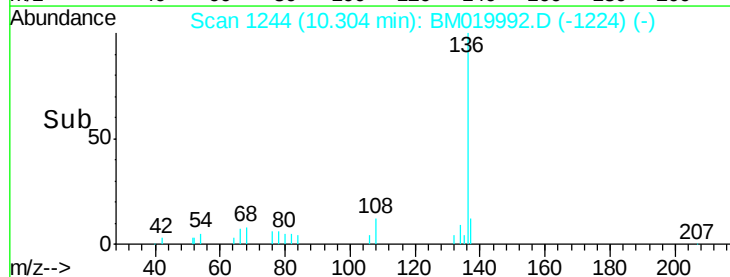
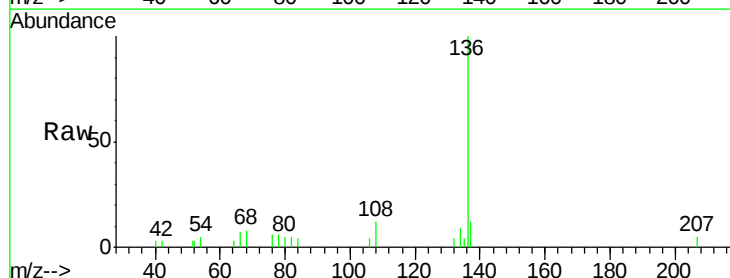
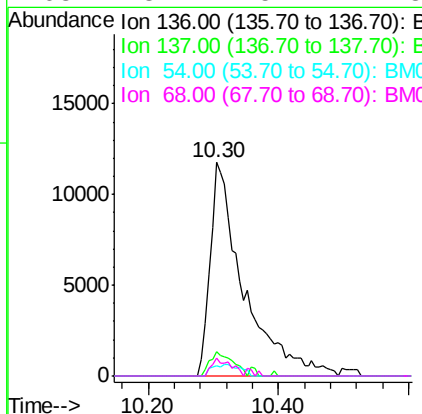


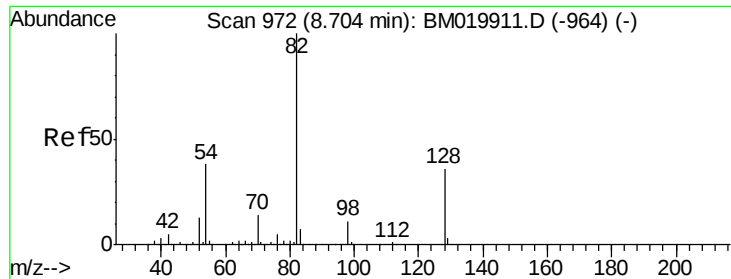
#21

Naphthalene-d8

Concen: 20.000 ng m
RT: 10.30 min Scan# 1244
Delta R.T. 0.02 min
Lab File: BM019992.D
Acq: 20 Apr 2019 04:53

Tgt Ion	Ratio	Lower	Upper
136	100		
137	11.7	9.0	13.6
54	4.7	5.3	7.9#
68	8.2	5.2	7.8#





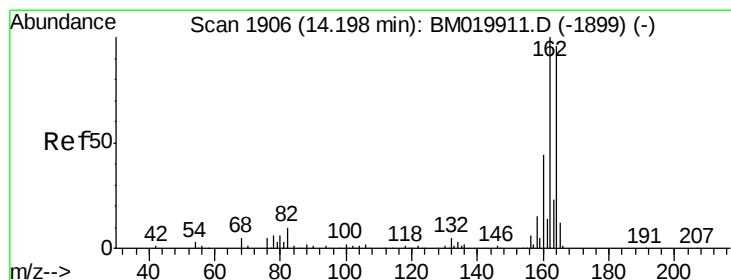
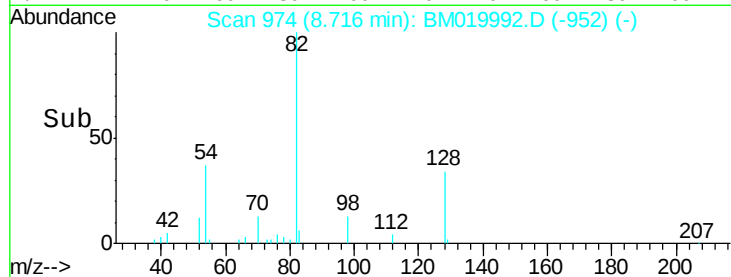
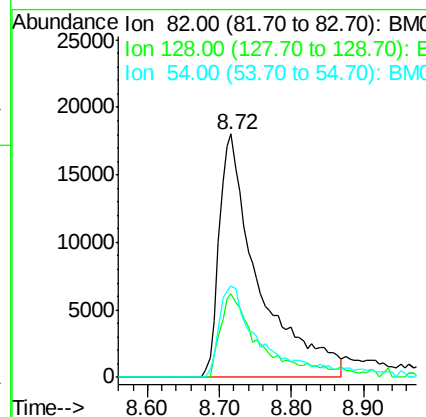
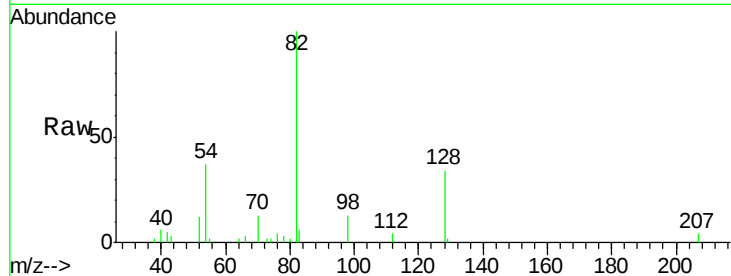
#23
 Nitrobenzene-d5
 Concen: 73.192 ng m
 RT: 8.72 min Scan# 974
 Delta R.T. 0.03 min
 Lab File: BM019992.D
 Acq: 20 Apr 2019 04:53

Instrument :
 BNA_M
 ClientSampleId :
 SA-06-041819-A

Tgt Ion	Ratio	Lower	Upper
82	100		
128	34.1	29.0	43.4
54	37.3	30.2	45.4

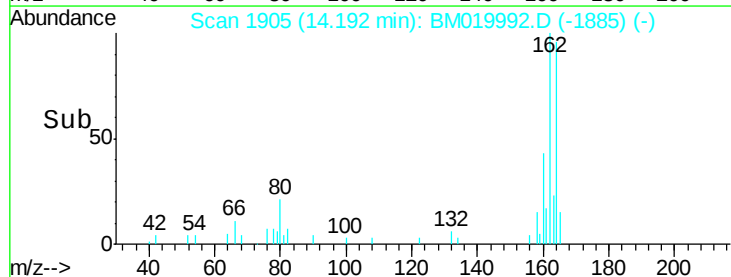
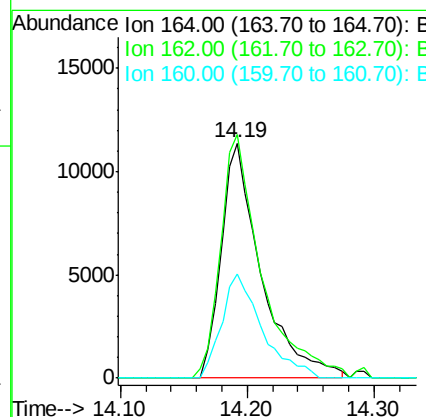
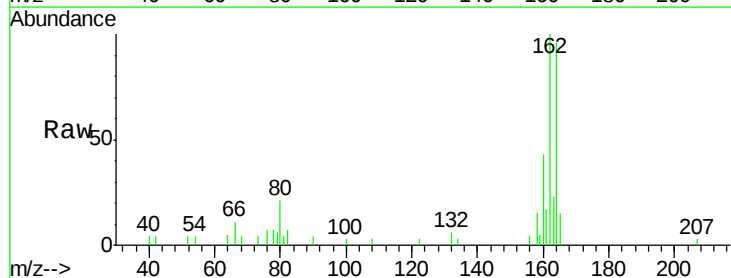
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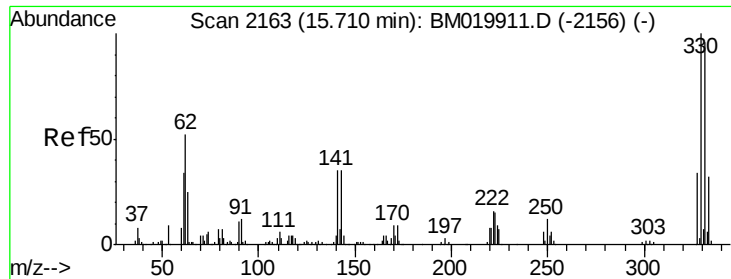
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#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.19 min Scan# 1905
 Delta R.T. 0.02 min
 Lab File: BM019992.D
 Acq: 20 Apr 2019 04:53

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.7	83.0	124.4
160	44.4	36.6	55.0





#42

2,4,6-Tribromophenol

Concen: 121.185 ng

RT: 15.70 min Scan# 2162

Delta R.T. 0.01 min

Lab File: BM019992.D

Acq: 20 Apr 2019 04:53

Instrument :

BNA_M

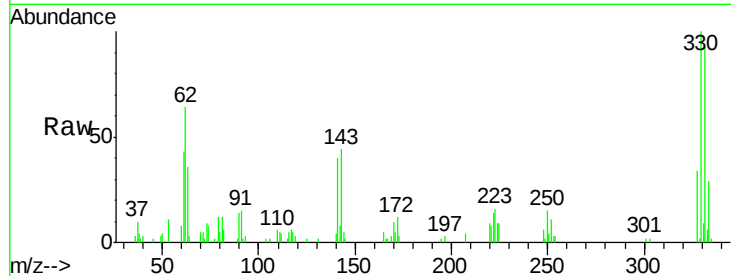
ClientSampleId :

SA-06-041819-A

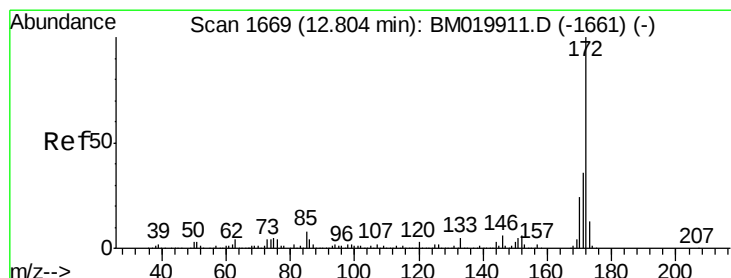
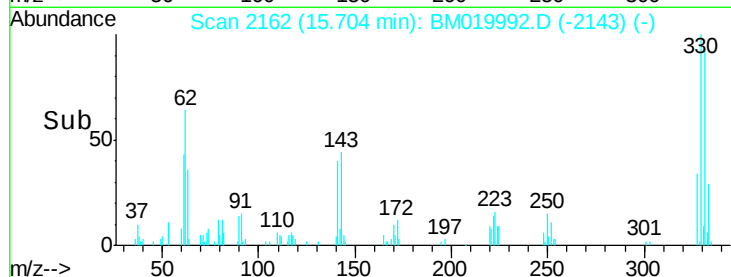
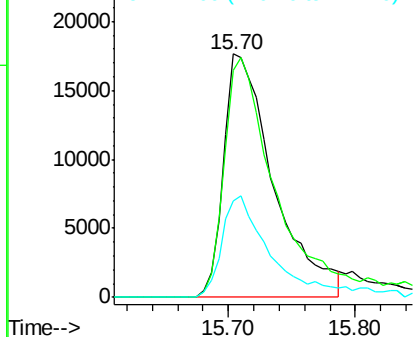
Tgt Ion:	330	Resp:	48478
Ion Ratio	Lower	Upper	
330	100		
332	97.2	77.4	116.2
141	39.3	29.0	43.4

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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: 70.484 ng

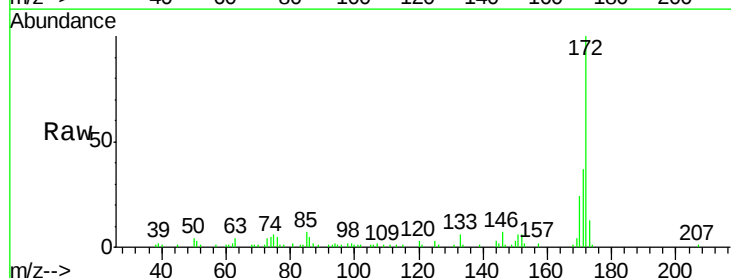
RT: 12.79 min Scan# 1667

Delta R.T. 0.01 min

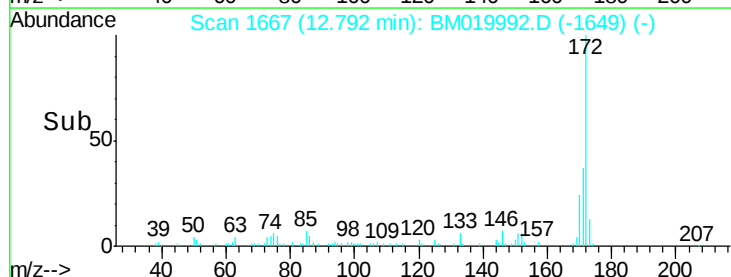
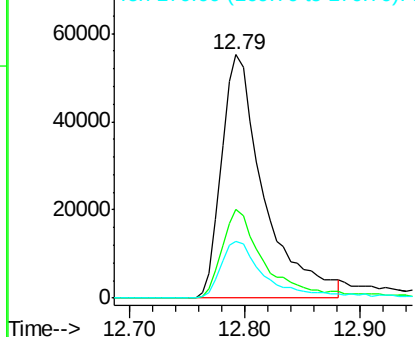
Lab File: BM019992.D

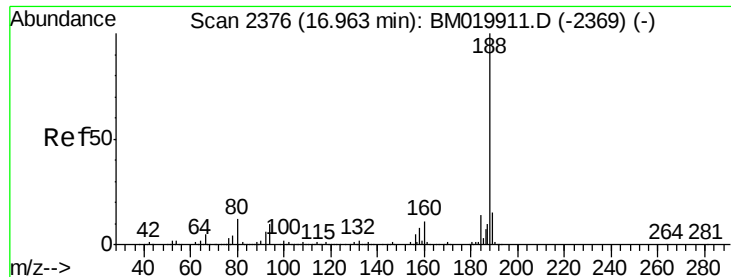
Acq: 20 Apr 2019 04:53

Tgt Ion:	172	Resp:	140551
Ion Ratio	Lower	Upper	
172	100		
171	36.7	28.9	43.3
170	23.5	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. 0.02 min

Lab File: BM019992.D

Acq: 20 Apr 2019 04:53

Instrument :

BNA_M

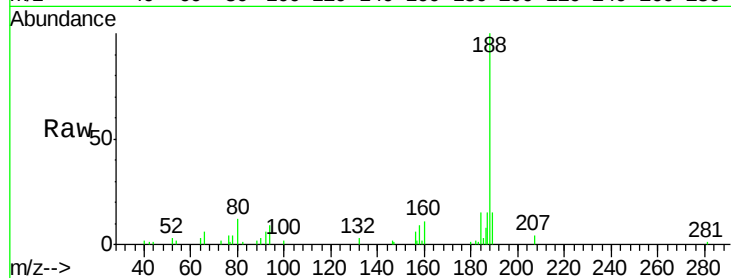
ClientSampleId :

SA-06-041819-A

Tgt Ion:	188	Resp:	61917
Ion Ratio	Lower	Upper	
188	100		
94	9.1	7.6	11.4
80	11.7	9.4	14.0

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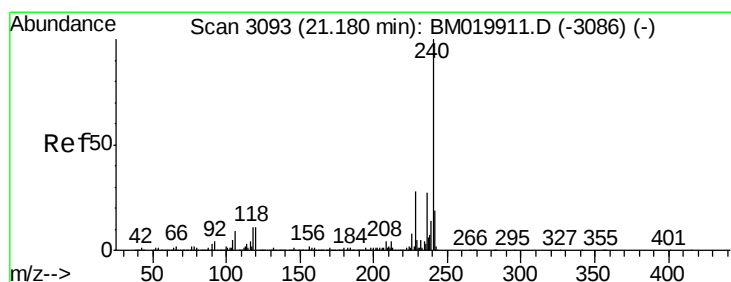
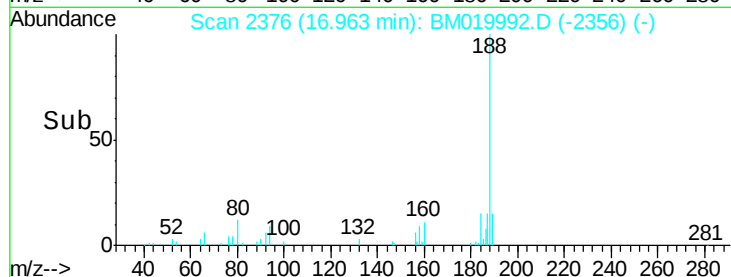
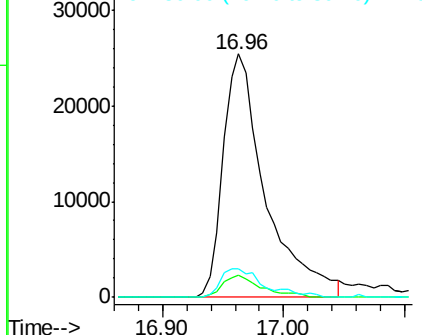
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Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0



#76

Chrysene-d12

Concen: 20.000 ng

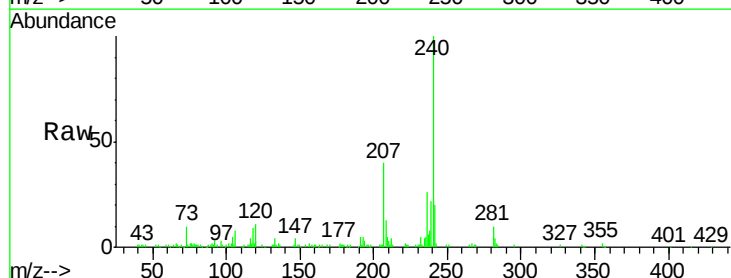
RT: 21.17 min Scan# 3091

Delta R.T. 0.01 min

Lab File: BM019992.D

Acq: 20 Apr 2019 04:53

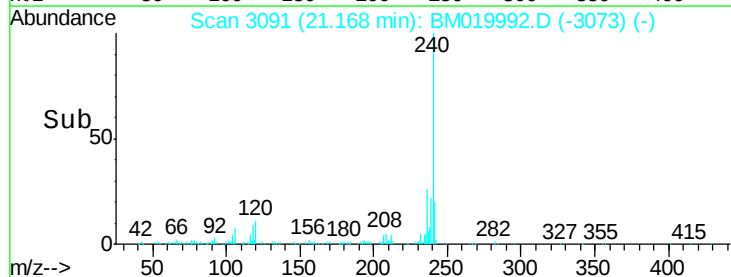
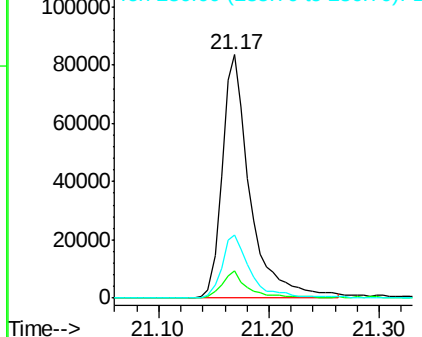
Tgt Ion:	240	Resp:	147805
Ion Ratio	Lower	Upper	
240	100		
120	11.4	8.6	13.0
236	26.0	21.4	32.2

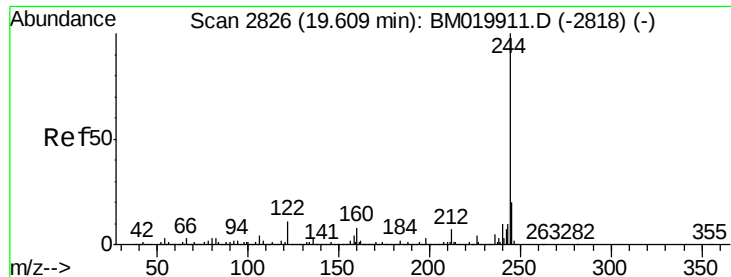


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





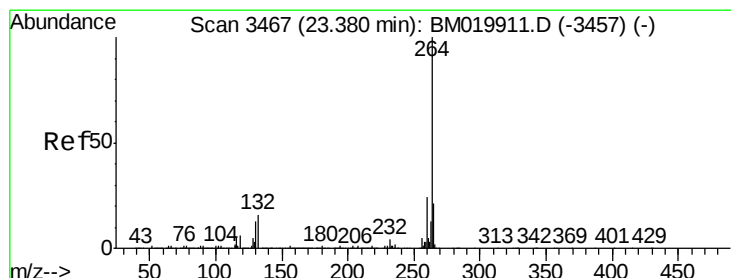
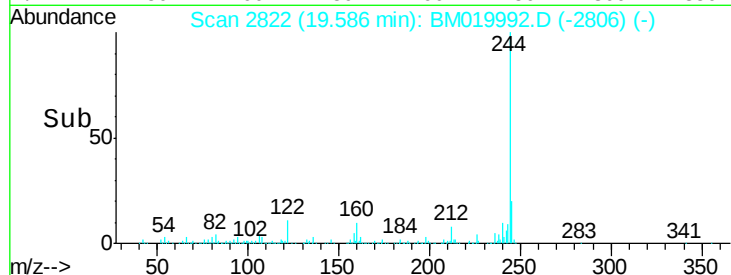
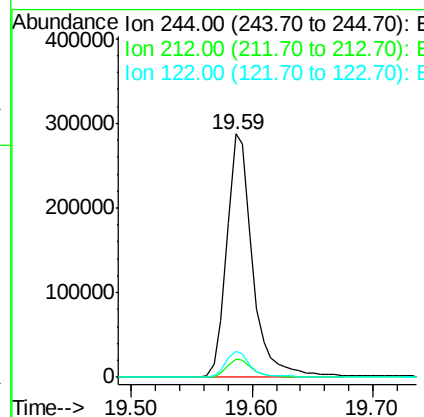
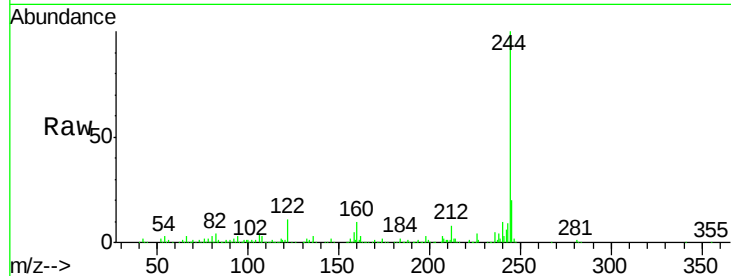
#79
 Terphenyl-d14
 Concen: 50.875 ng
 RT: 19.59 min Scan# 2822
 Delta R.T. -0.01 min
 Lab File: BM019992.D
 Acq: 20 Apr 2019 04:53

Instrument :
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Tgt Ion	Ratio	Resp Lower	Resp Upper
244	100		
212	7.5	5.7	8.5
122	10.6	9.1	13.7

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#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.35 min Scan# 3462
 Delta R.T. 0.00 min
 Lab File: BM019992.D
 Acq: 20 Apr 2019 04:53

Tgt Ion	Ratio	Resp Lower	Resp Upper
264	100		
260	23.2	19.2	28.8
265	22.9	17.2	25.8

