

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM081417\
 Data File : BM011227.D
 Acq On : 14 Aug 2017 13:24
 Operator : SJ/JU
 Sample : I4699-03
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SU-04-080917

Manual Integrations
 APPROVED

Sohil
 8/15/2017 6:42:27 PM

Quant Time: Aug 14 16:08:38 2017
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM072617.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 14 16:03:18 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.29	152	157304	20.00	ng	0.00
21) Naphthalene-d8	10.05	136	540340	20.00	ng	0.00
38) Acenaphthene-d10	13.96	164	357512	20.00	ng	0.00
63) Phenanthrene-d10	16.72	188	872741	20.00	ng	0.00
75) Chrysene-d12	20.94	240	1095223	20.00	ng	0.00
86) Perylene-d12	23.02	264	1023251	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.93	112	1246567	133.96	ng	0.00
7) Phenol-d6	6.50	99	1691262	127.92	ng	0.00
23) Nitrobenzene-d5	8.44	82	1695881	117.79	ng	0.00
41) 2,4,6-Tribromophenol	15.47	330	814604	142.16	ng	0.00
44) 2-Fluorobiphenyl	12.56	172	2831667	99.33	ng	0.00
78) Terphenyl-d14	19.39	244	4940989	89.37	ng	0.00
Target Compounds						
76) Benzidine	19.02	184	115308m	4.401	ng	Qvalue

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

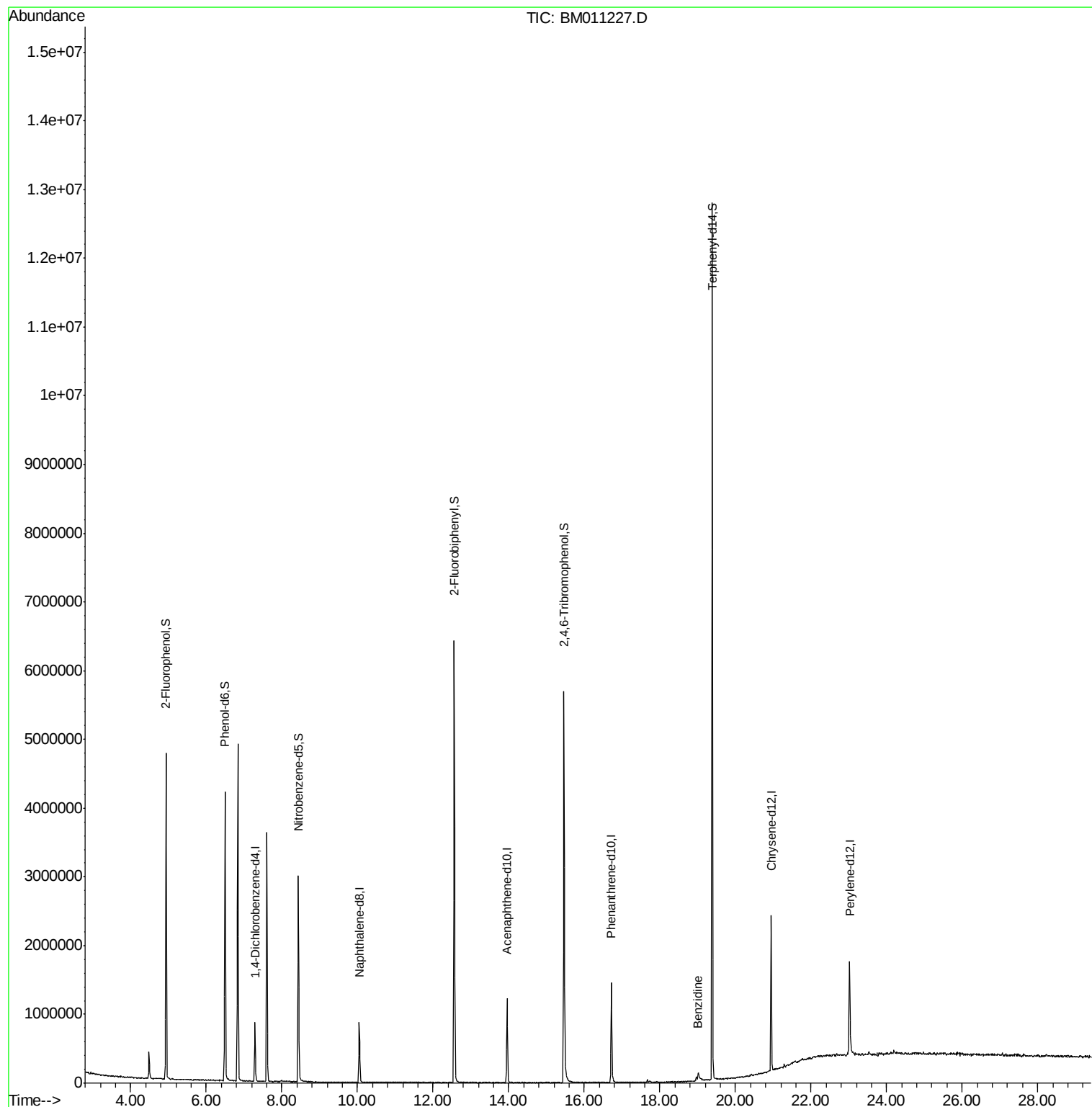
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM081417\
Data File : BM011227.D
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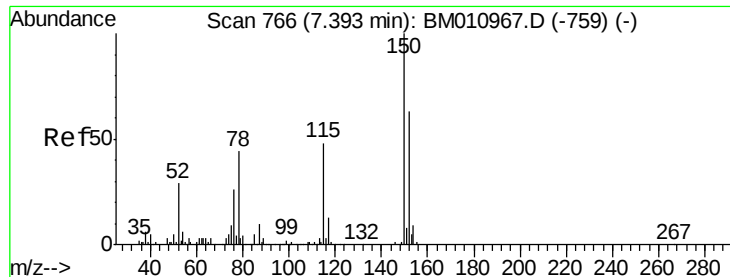
Instrument :
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#1

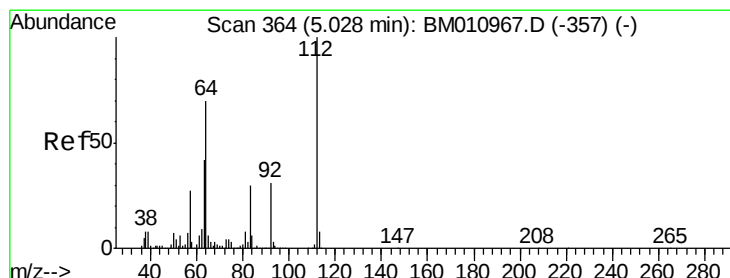
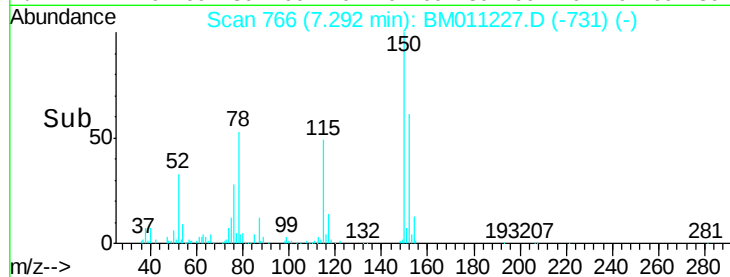
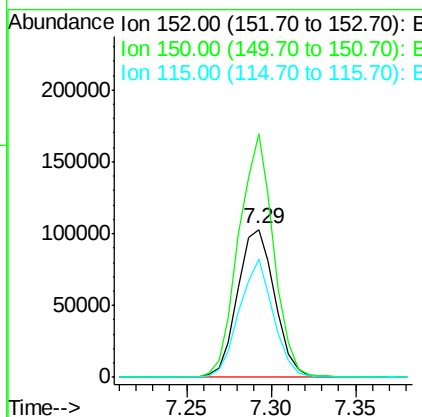
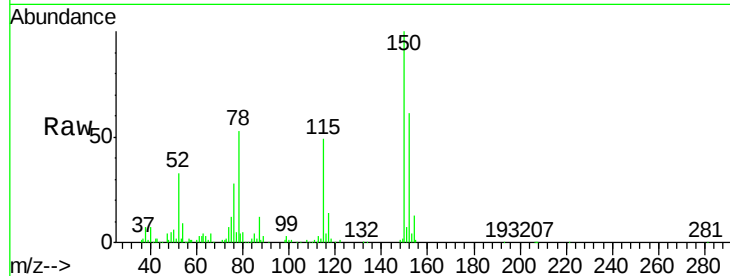
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.29 min Scan# 766
Delta R.T. 0.01 min
Lab File: BM011227.D
Acq: 14 Aug 2017 13:24

Instrument :
BNA_M
ClientSampleId :
SU-04-080917

Tgt Ion	Ratio	Lower	Upper
152	100		
150	164.9	119.5	179.3
115	80.5	43.0	64.4

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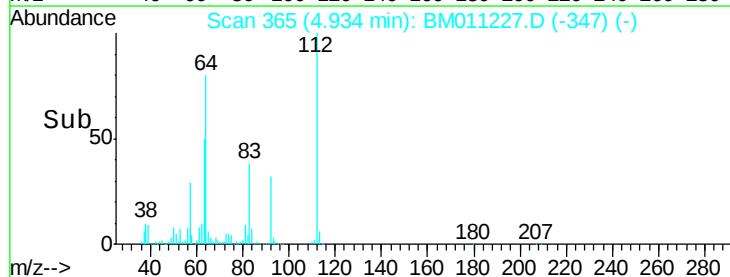
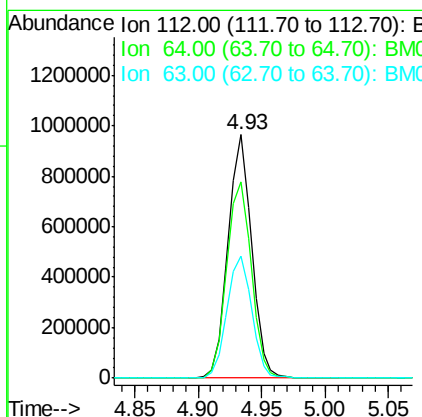
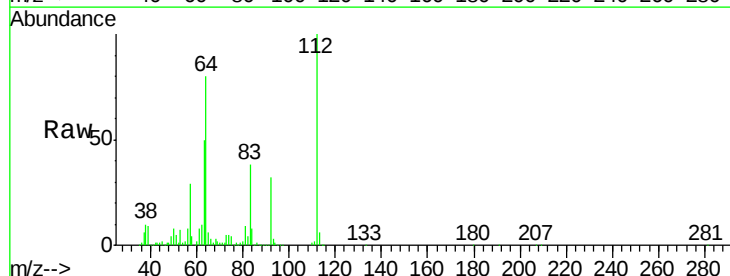
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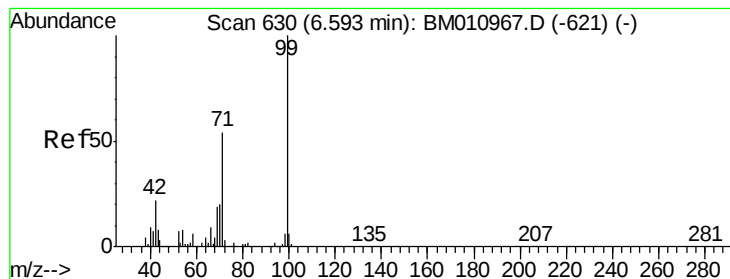


#5

2-Fluorophenol
Concen: 133.960 ng
RT: 4.93 min Scan# 365
Delta R.T. 0.01 min
Lab File: BM011227.D
Acq: 14 Aug 2017 13:24

Tgt Ion	Ratio	Lower	Upper
112	100		
64	80.4	38.6	57.8
63	50.1	19.3	28.9





#7

Phenol-d6

Concen: 127.918 ng

RT: 6.50 min Scan# 631

Delta R.T. 0.01 min

Lab File: BM011227.D

Acq: 14 Aug 2017 13:24

Instrument :

BNA_M

ClientSampled :

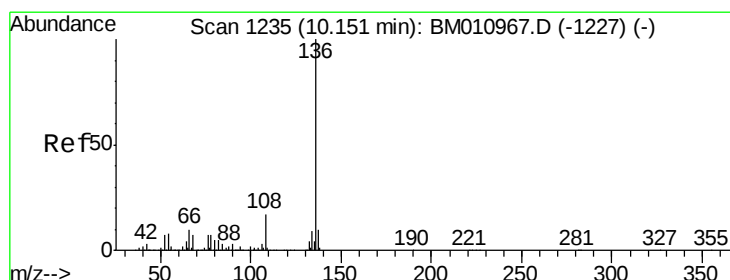
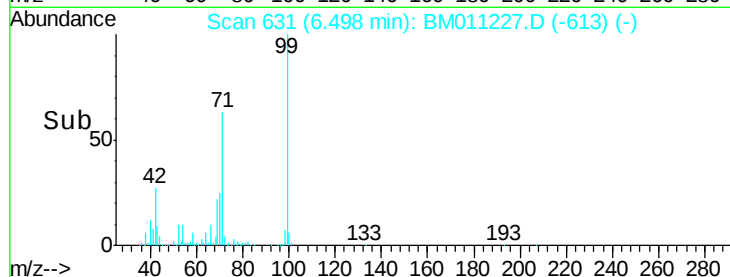
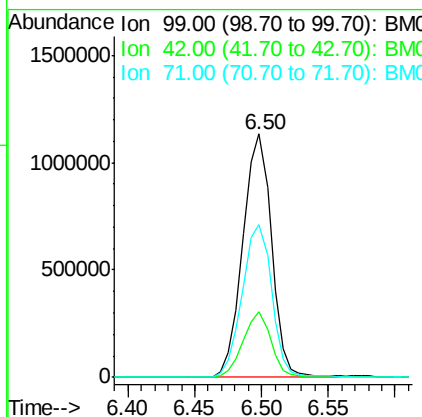
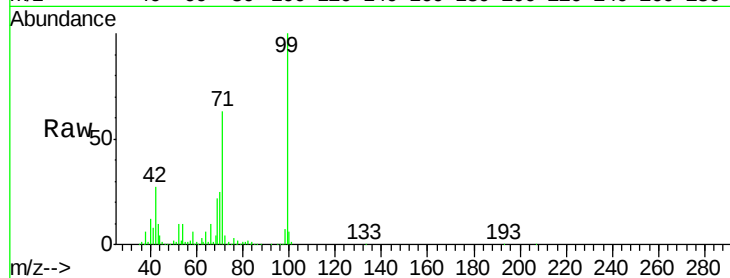
SU-04-080917

Tgt Ion: 99 Resp: 1691262

Ion	Ratio	Lower	Upper
99	100		
42	26.8	11.0	16.4#
71	62.9	23.4	35.2#

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#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.05 min Scan# 1234

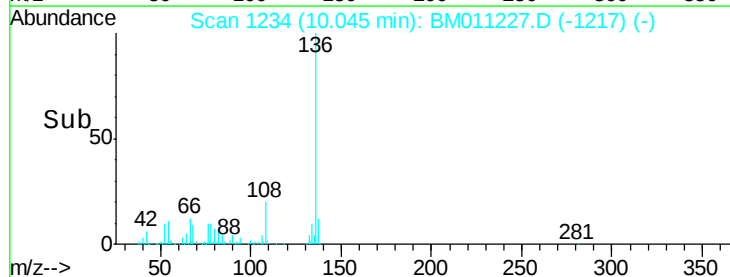
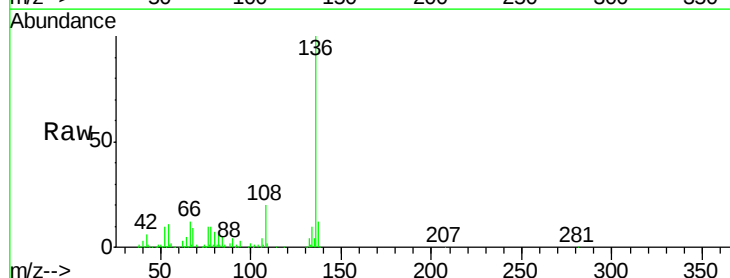
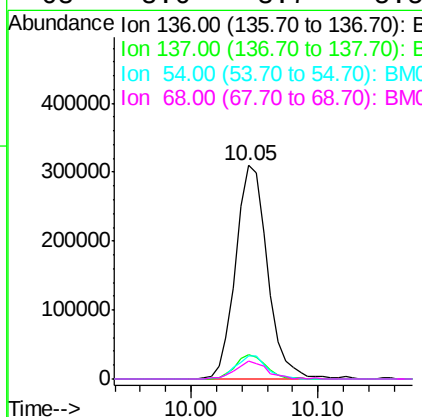
Delta R.T. -0.00 min

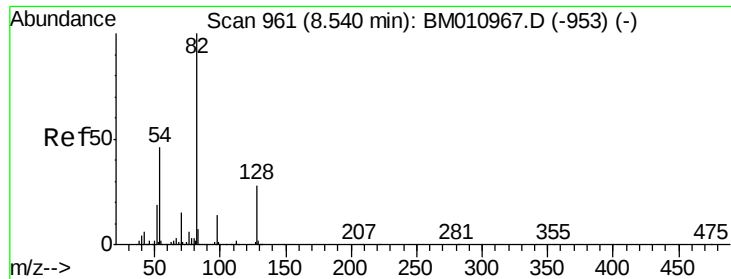
Lab File: BM011227.D

Acq: 14 Aug 2017 13:24

Tgt Ion: 136 Resp: 540340

Ion	Ratio	Lower	Upper
136	100		
137	11.7	8.7	13.1
54	10.9	4.6	6.8#
68	8.6	3.7	5.5#





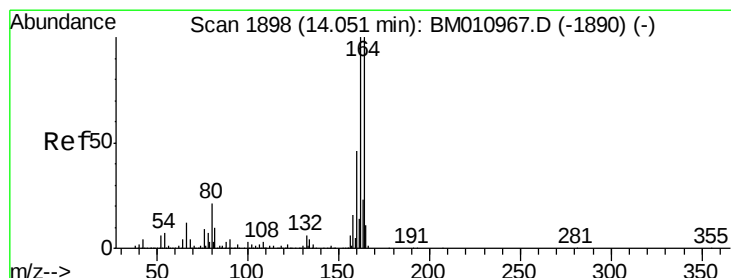
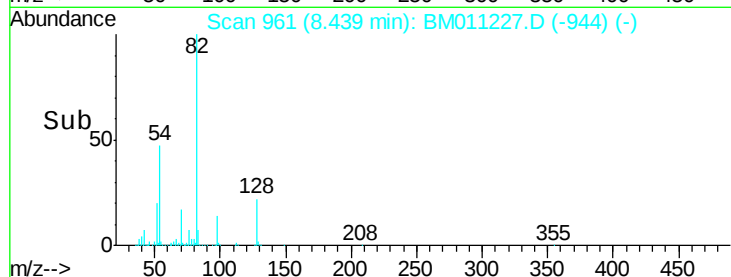
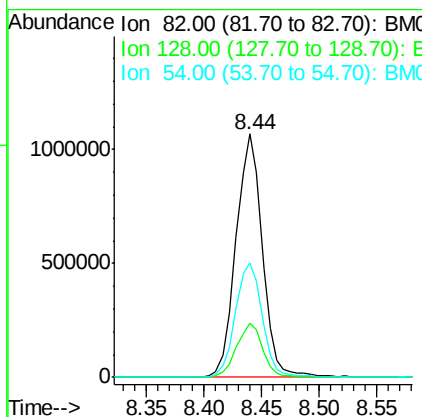
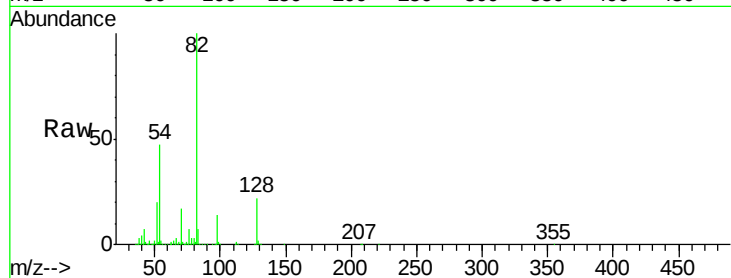
#23
 Nitrobenzene-d5
 Concen: 117.795 ng
 RT: 8.44 min Scan# 961
 Delta R.T. -0.00 min
 Lab File: BM011227.D
 Acq: 14 Aug 2017 13:24

Instrument :
 BNA_M
 ClientSampleId :
 SU-04-080917

Tgt Ion	Ratio	Lower	Upper
82	100		
128	22.3	32.8	49.2#
54	46.8	40.6	60.8

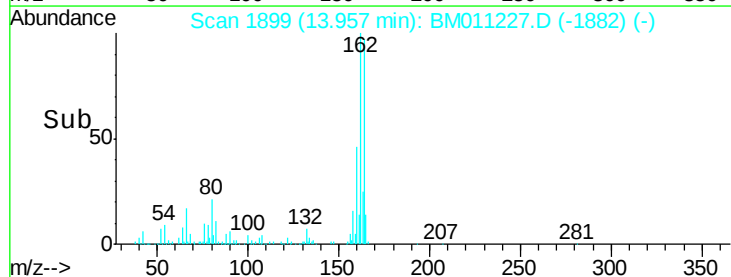
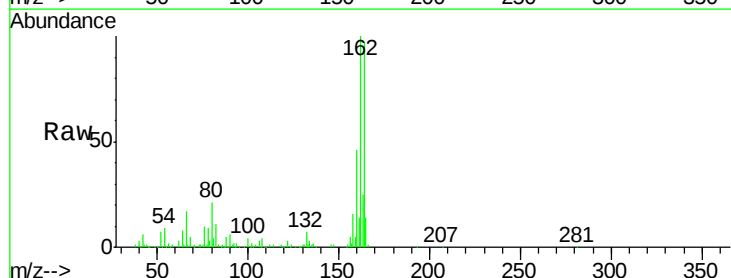
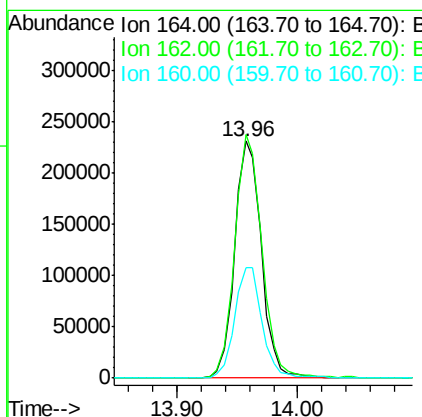
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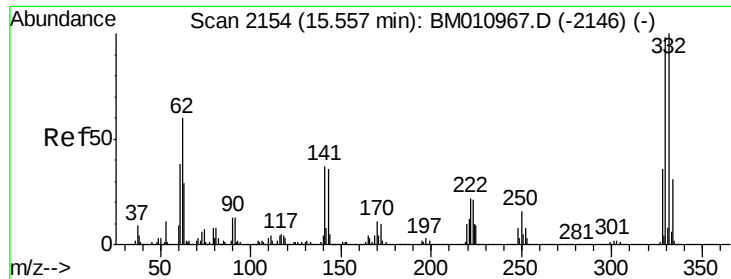
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#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 13.96 min Scan# 1899
 Delta R.T. -0.00 min
 Lab File: BM011227.D
 Acq: 14 Aug 2017 13:24

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.9	82.4	123.6
160	46.9	35.8	53.6





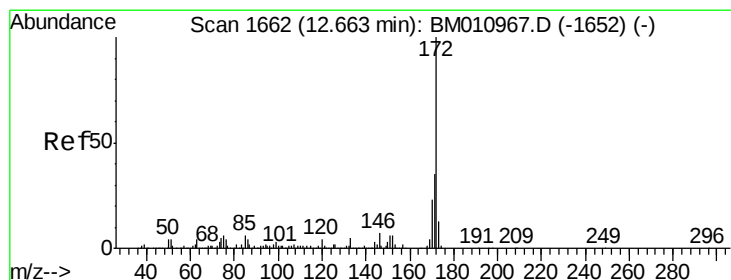
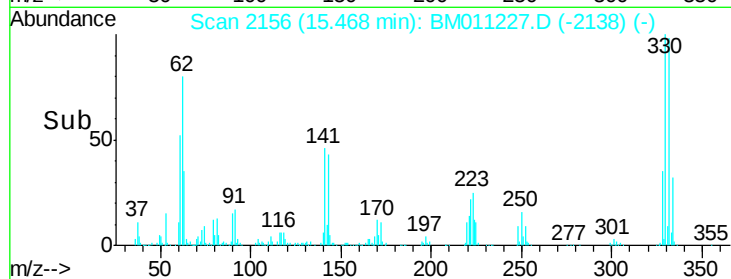
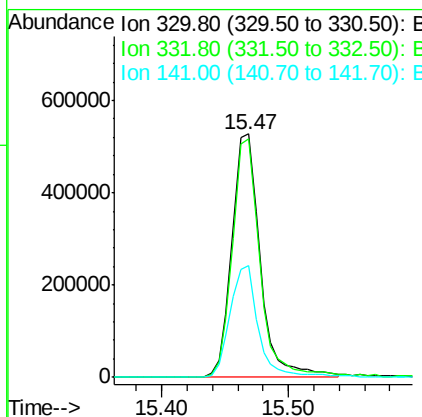
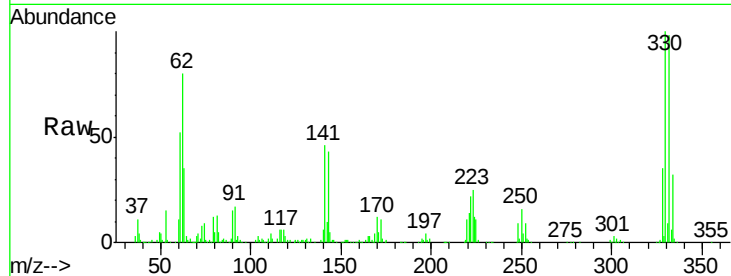
#41
 2,4,6-Tribromophenol
 Concen: 142.161 ng
 RT: 15.47 min Scan# 2156
 Delta R.T. 0.01 min
 Lab File: BM011227.D
 Acq: 14 Aug 2017 13:24

Instrument :
 BNA_M
 ClientSampleId :
 SU-04-080917

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	814604		
332	95.7	0.0	0.0	0.0
141	46.0	0.0	0.0	0.0

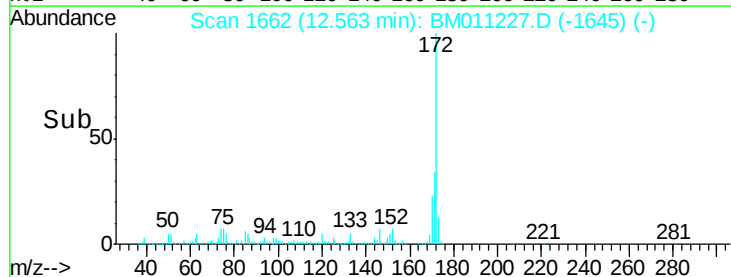
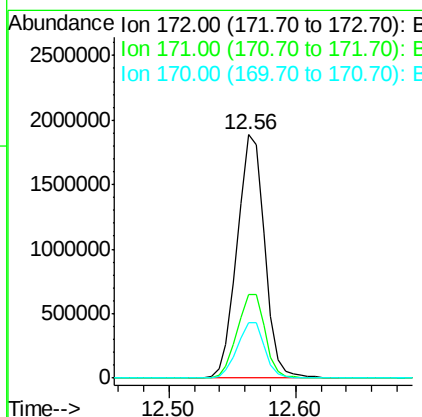
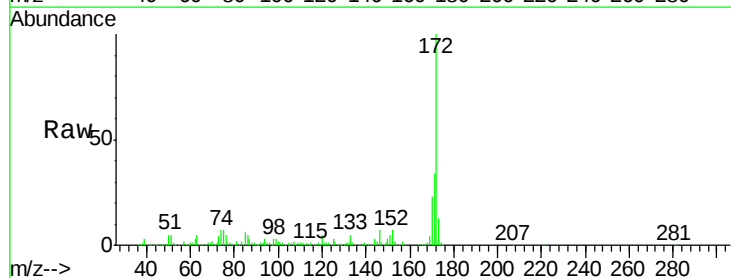
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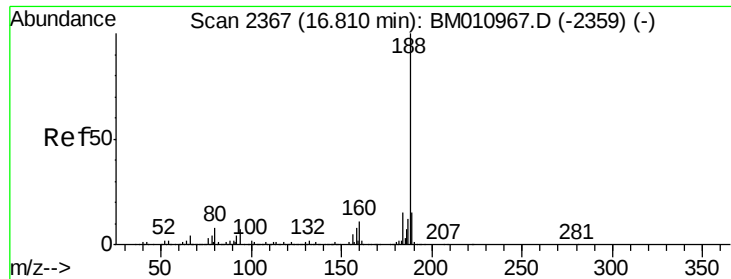
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#44
 2-Fluorobiphenyl
 Concen: 99.334 ng
 RT: 12.56 min Scan# 1662
 Delta R.T. -0.00 min
 Lab File: BM011227.D
 Acq: 14 Aug 2017 13:24

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	2831667		
171	34.2	28.5	42.7	
170	22.7	18.8	28.2	





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.72 min Scan# 2369

Delta R.T. 0.01 min

Lab File: BM011227.D

Acq: 14 Aug 2017 13:24

Instrument :

BNA_M

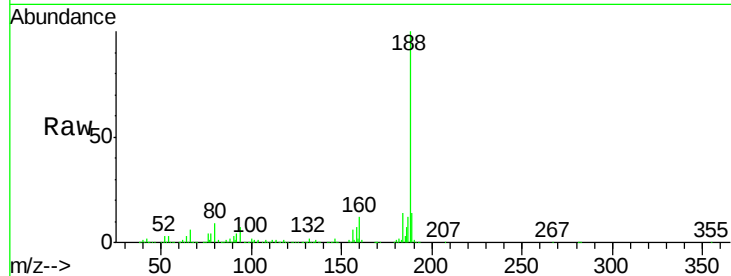
ClientSampleId :

SU-04-080917

Tgt	Ion:188	Resp:	872741
Ion	Ratio	Lower	Upper
188	100		
94	7.4	8.7	13.1#
80	9.1	9.3	13.9#

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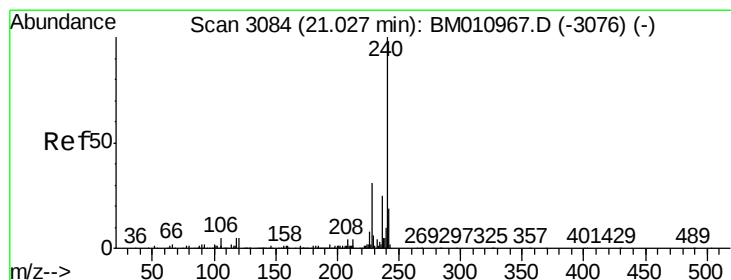
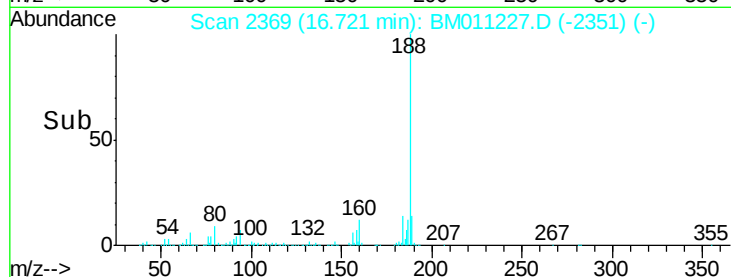
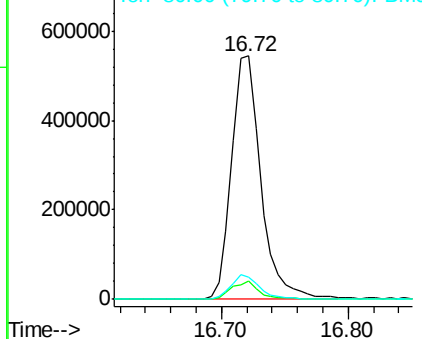
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Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM

Ion 80.00 (79.70 to 80.70): BM



#75

Chrysene-d12

Concen: 20.000 ng

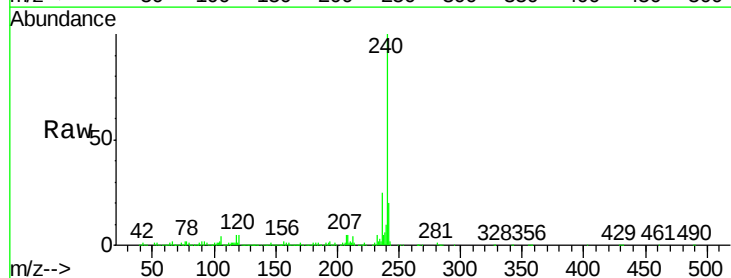
RT: 20.94 min Scan# 3087

Delta R.T. -0.00 min

Lab File: BM011227.D

Acq: 14 Aug 2017 13:24

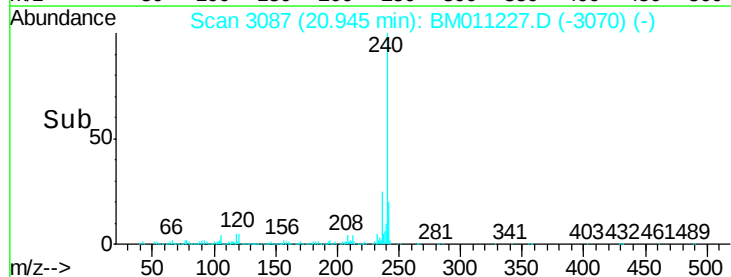
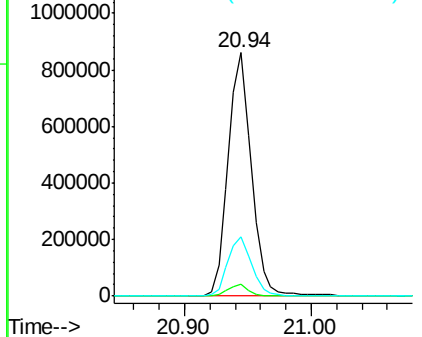
Tgt	Ion:240	Resp:	1095223
Ion	Ratio	Lower	Upper
240	100		
120	4.7	8.2	12.2#
236	24.5	20.0	30.0

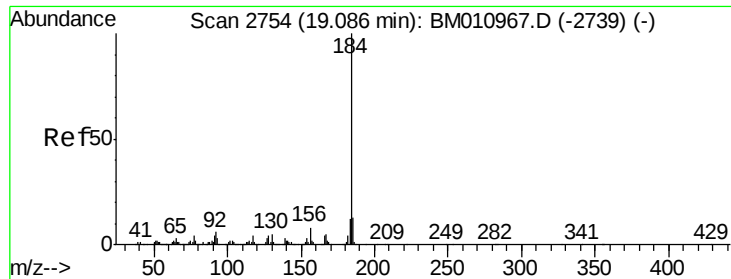


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#76

Benzidine

Concen: 4.401 ng m

RT: 19.02 min Scan# 2760

Delta R.T. 0.01 min

Lab File: BM011227.D

Acq: 14 Aug 2017 13:24

Instrument :

BNA_M

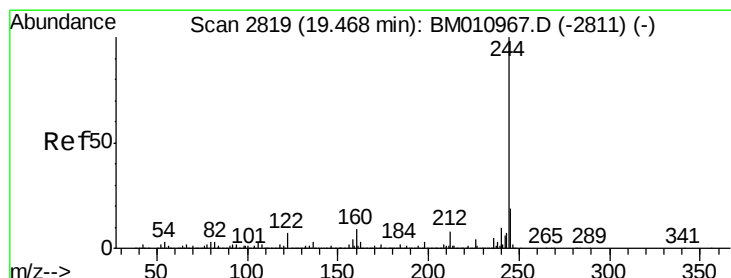
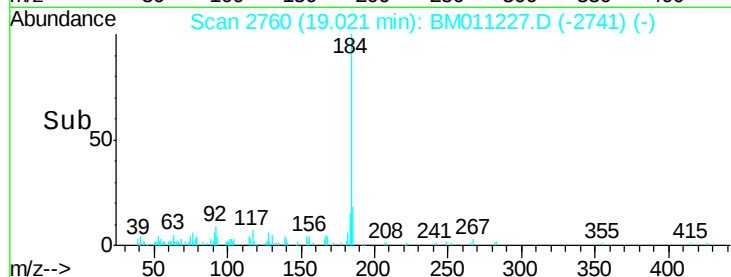
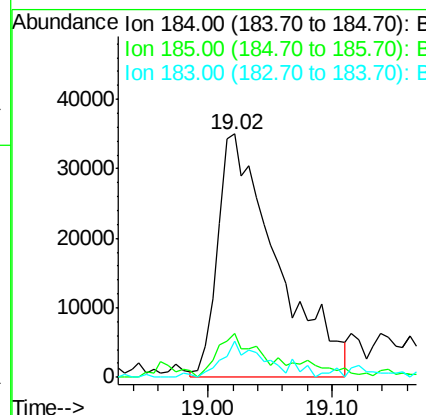
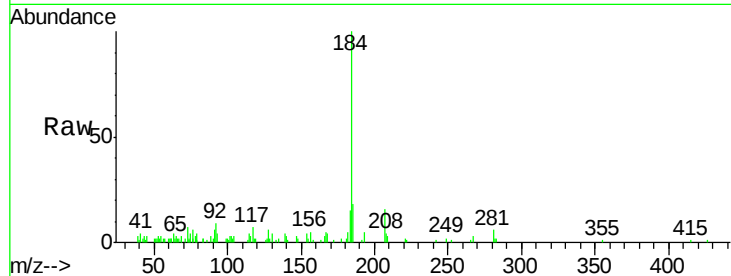
ClientSampleId :

SU-04-080917

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	115308		
185	17.8	11.3	16.9#	
183	14.9	8.9	13.3#	

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#78

Terphenyl-d14

Concen: 89.365 ng

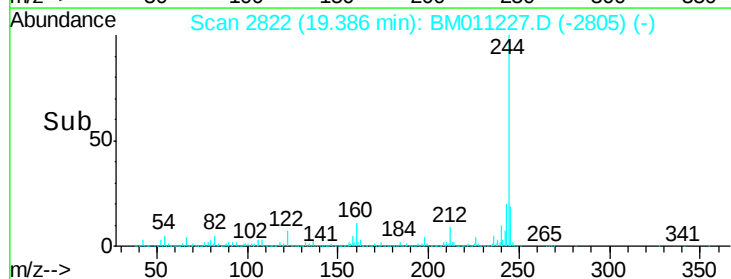
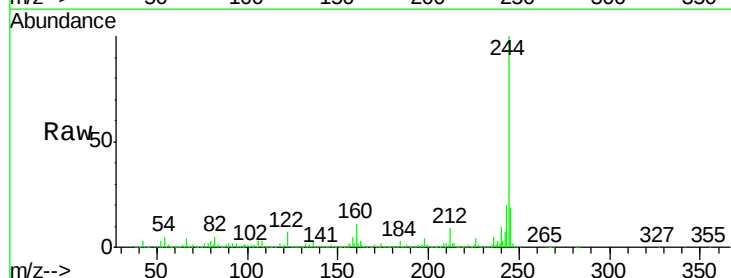
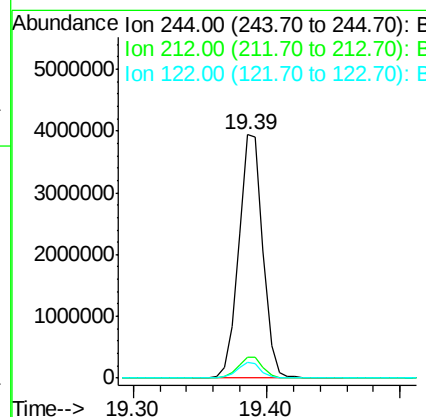
RT: 19.39 min Scan# 2822

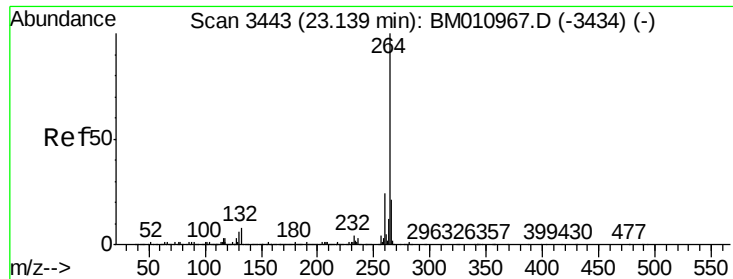
Delta R.T. -0.00 min

Lab File: BM011227.D

Acq: 14 Aug 2017 13:24

Tgt Ion	Ratio	Resp	Lower	Upper
244	100	4940989		
212	8.8	4.9	7.3#	
122	6.6	6.2	9.4	





#86
Perylene-d12
Concen: 20.000 ng
RT: 23.02 min Scan# 3440
Delta R.T. -0.00 min
Lab File: BM011227.D
Acq: 14 Aug 2017 13:24

Instrument :
BNA_M
ClientSampleId :
SU-04-080917

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.4	18.6	27.8
265	20.5	17.3	25.9

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