

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM081417\
 Data File : BM011231.D
 Acq On : 14 Aug 2017 15:49
 Operator : SJ/JU
 Sample : I4695-03RE
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 TR-04-080917RE

Manual Integrations
 APPROVED

Sohil
 8/15/2017 6:42:32 PM

Quant Time: Aug 14 16:30:25 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	100066	20.00	ng	0.00
21) Naphthalene-d8	10.05	136	345890	20.00	ng	0.00
38) Acenaphthene-d10	13.96	164	233845	20.00	ng	0.00
63) Phenanthrene-d10	16.72	188	581789	20.00	ng	0.00
75) Chrysene-d12	20.94	240	844373	20.00	ng	0.00
86) Perylene-d12	23.02	264	872543	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.93	112	175612	29.67	ng	0.00
7) Phenol-d6	6.49	99	205169	24.39	ng	0.00
23) Nitrobenzene-d5	8.43	82	204085	22.14	ng	0.00
41) 2,4,6-Tribromophenol	15.47	330	92099m	24.57	ng	0.00
44) 2-Fluorobiphenyl	12.56	172	356394	19.11	ng	0.00
78) Terphenyl-d14	19.39	244	705796	16.56	ng	0.00

Target Compounds Qvalue

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

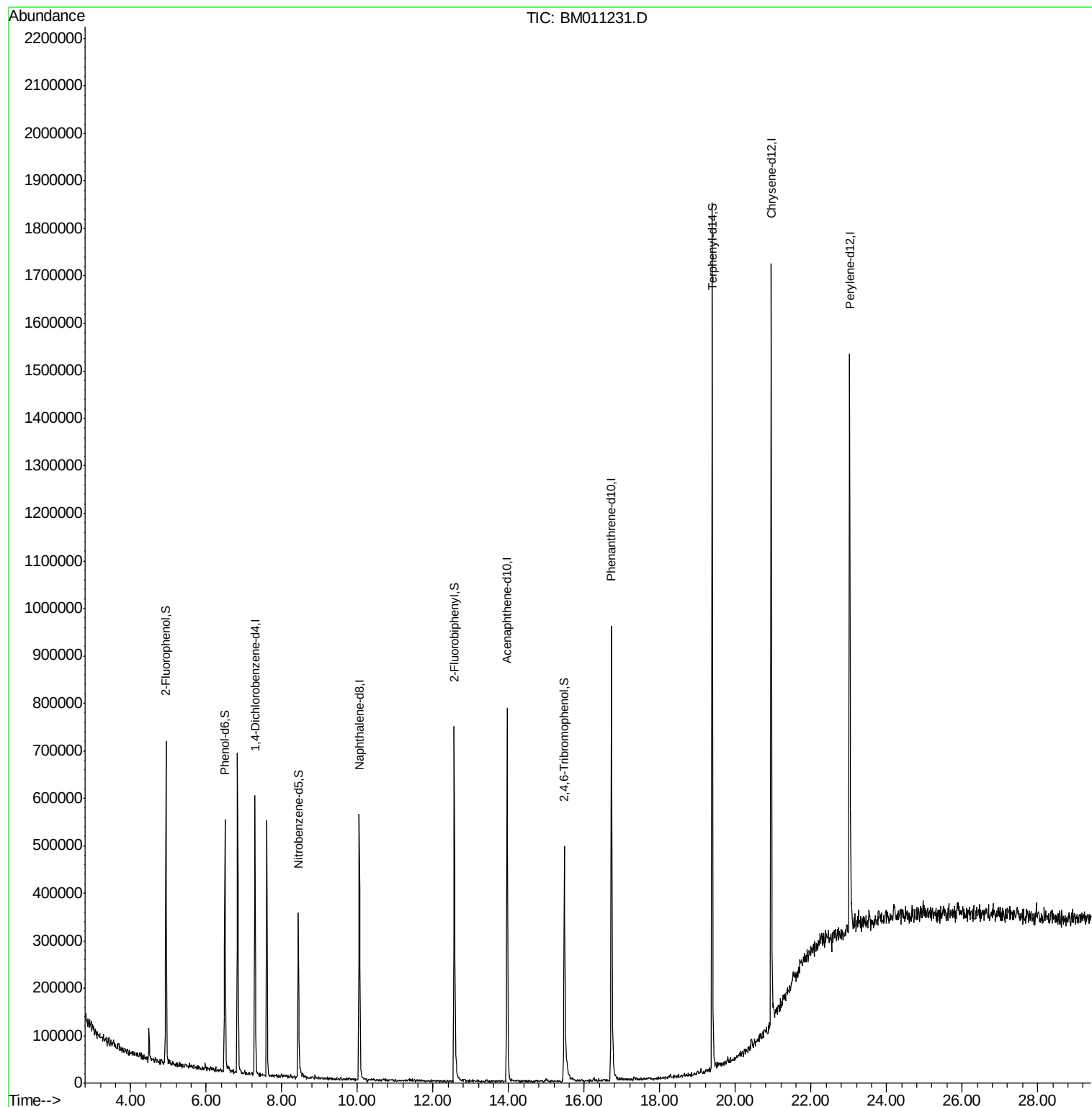
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM081417\
Data File : BM011231.D
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ALS Vial : 7 Sample Multiplier: 1

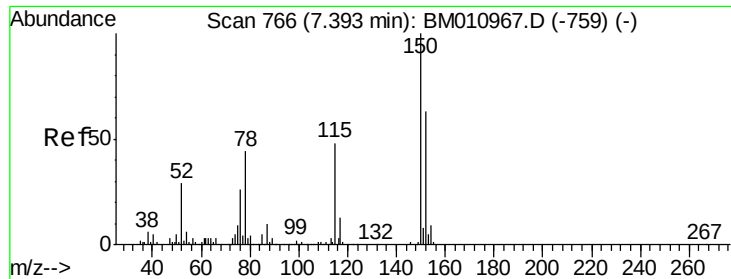
Instrument :
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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 7.29 min Scan# 766

Delta R.T. 0.01 min

Lab File: BM011231.D

Acq: 14 Aug 2017 15:49

Instrument :

BNA_M

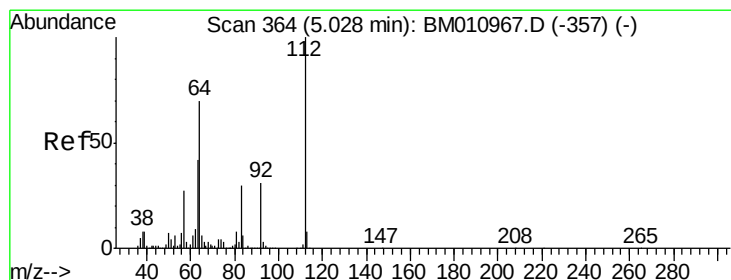
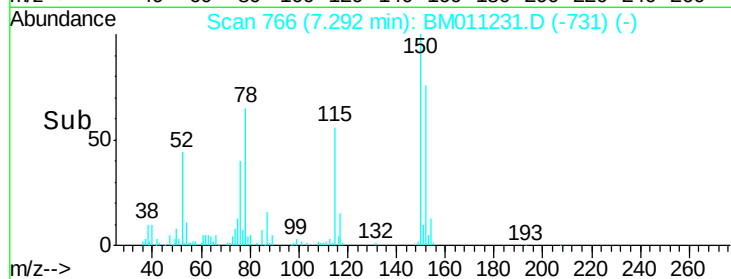
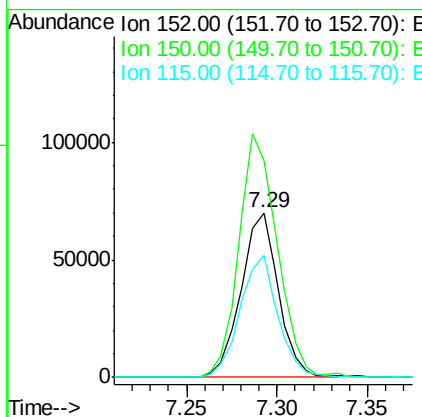
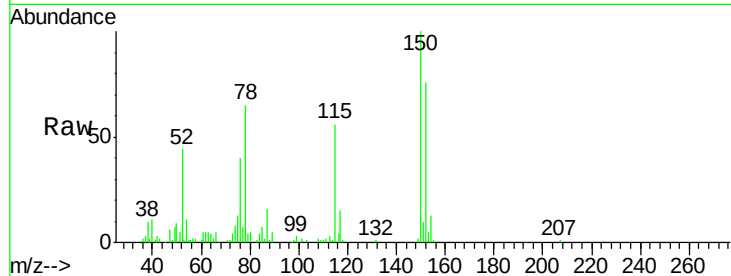
ClientSampleId :

TR-04-080917RE

Tgt	Ion	Resp	Lower	Upper
152	100			
150	132.2	119.5	179.3	
115	74.3	43.0	64.4#	

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#5

2-Fluorophenol

Concen: 29.667 ng

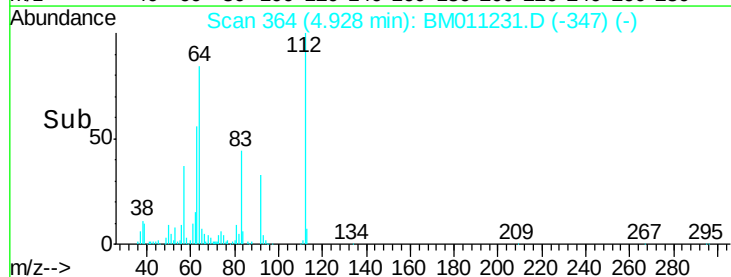
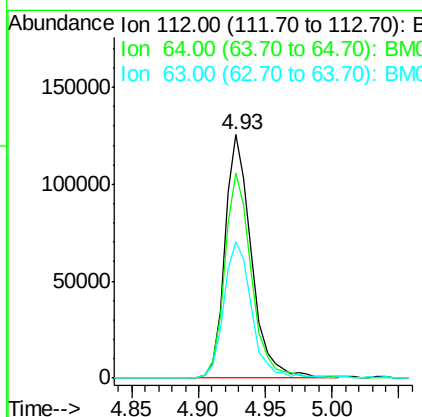
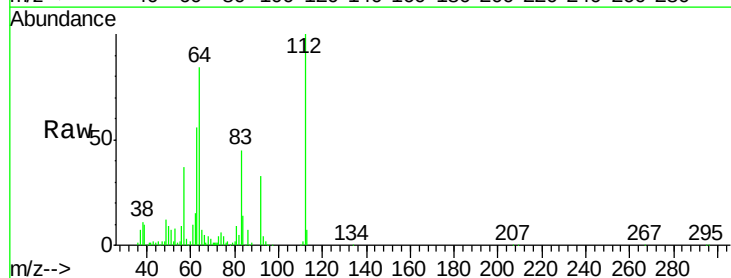
RT: 4.93 min Scan# 364

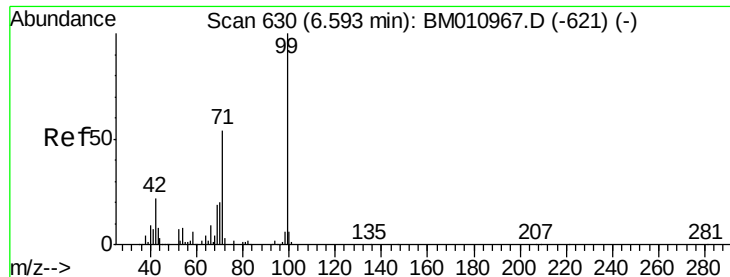
Delta R.T. -0.00 min

Lab File: BM011231.D

Acq: 14 Aug 2017 15:49

Tgt	Ion	Resp	Lower	Upper
112	100			
64	84.2	38.6	57.8#	
63	56.0	19.3	28.9#	





#7

Phenol-d6

Concen: 24.394 ng

RT: 6.49 min Scan# 630

Delta R.T. -0.00 min

Lab File: BM011231.D

Acq: 14 Aug 2017 15:49

Instrument :

BNA_M

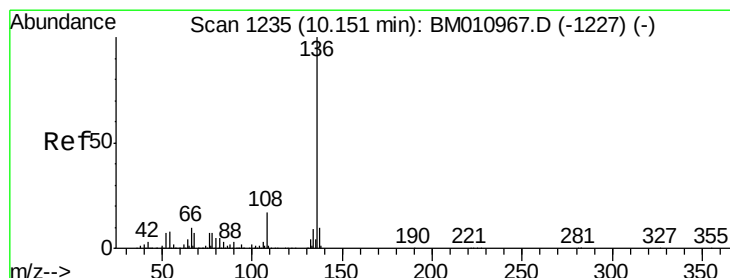
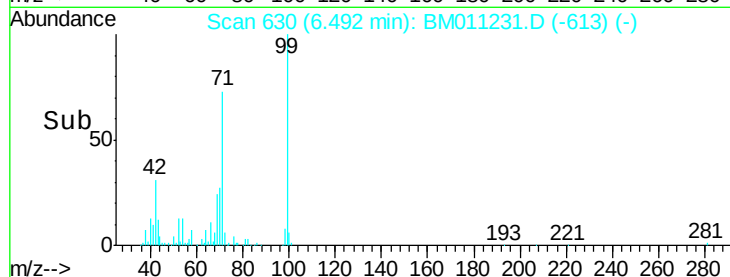
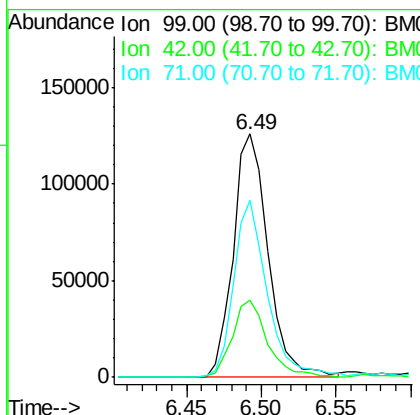
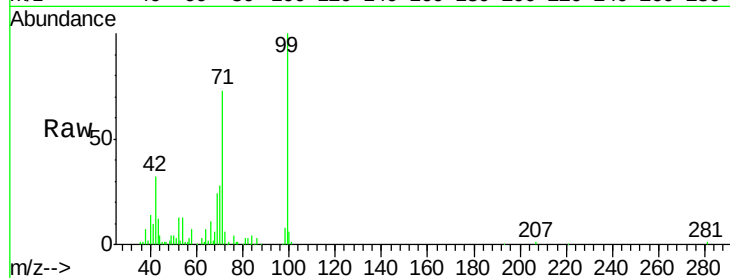
ClientSampleId :

TR-04-080917RE

Tgt Ion	Ratio	Resp	Lower	Upper
99	100	205169		
42	31.8	11.0	16.4#	
71	72.6	23.4	35.2#	

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#21

Naphthalene-d8

Concen: 20.000 ng

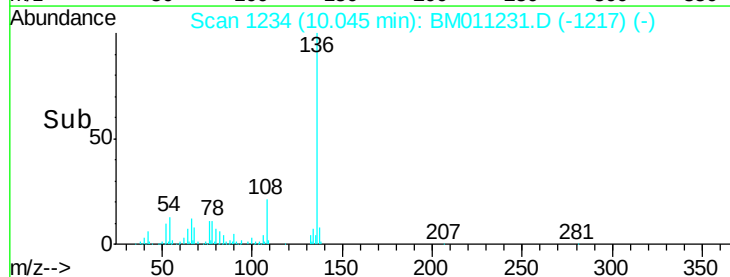
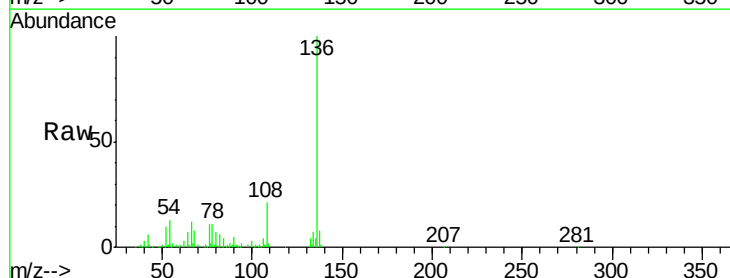
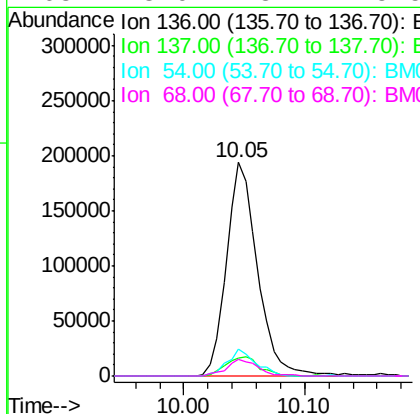
RT: 10.05 min Scan# 1234

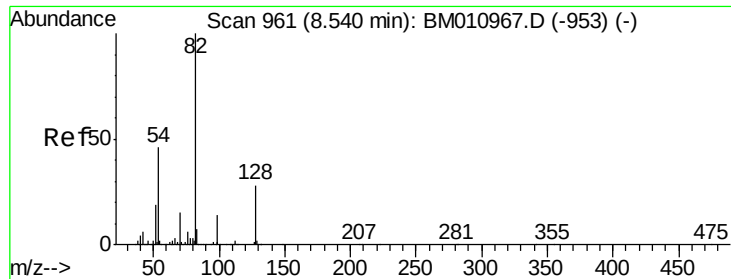
Delta R.T. -0.00 min

Lab File: BM011231.D

Acq: 14 Aug 2017 15:49

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	345890		
137	8.4	8.7	13.1#	
54	12.8	4.6	6.8#	
68	8.0	3.7	5.5#	





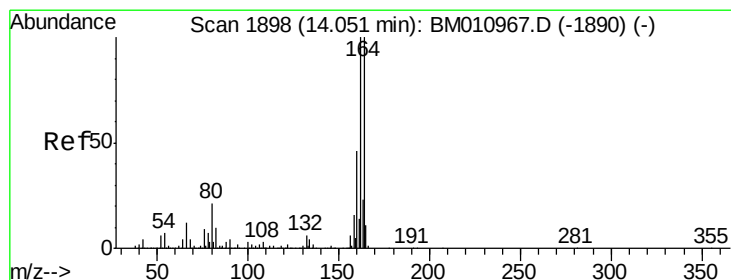
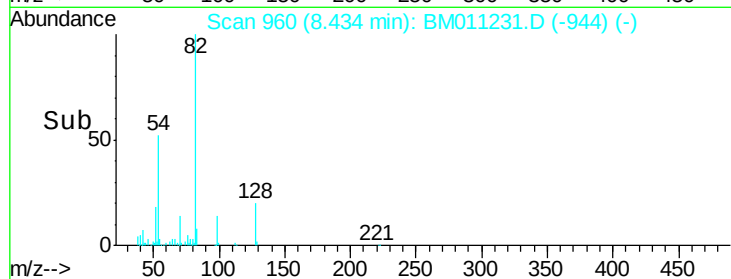
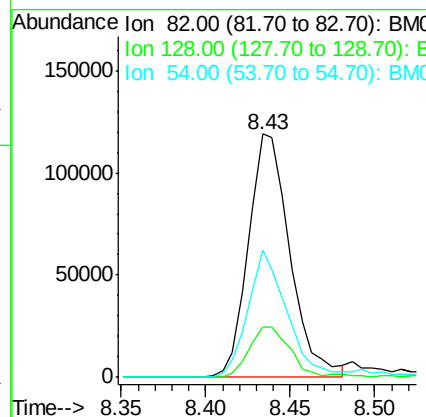
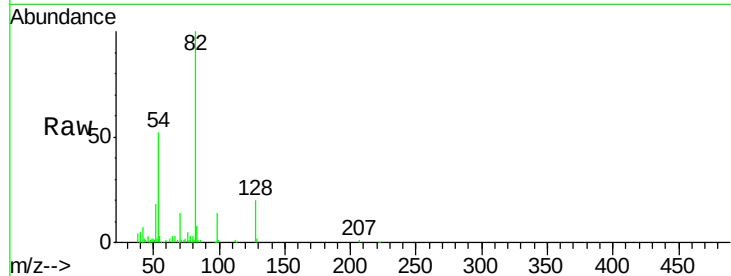
#23
 Nitrobenzene-d5
 Concen: 22.145 ng
 RT: 8.43 min Scan# 960
 Delta R.T. -0.01 min
 Lab File: BM011231.D
 Acq: 14 Aug 2017 15:49

Instrument :
 BNA_M
 ClientSampleId :
 TR-04-080917RE

Tgt Ion	Ratio	Resp Lower	Upper
82	100		
128	20.4	32.8	49.2#
54	52.0	40.6	60.8

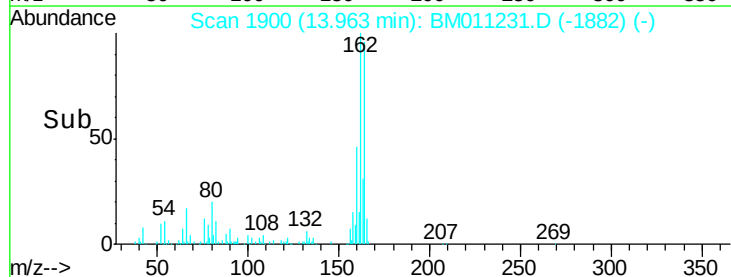
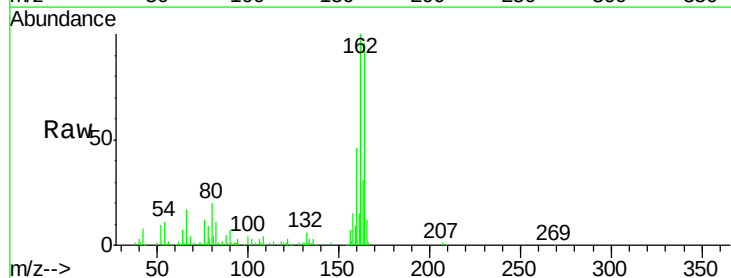
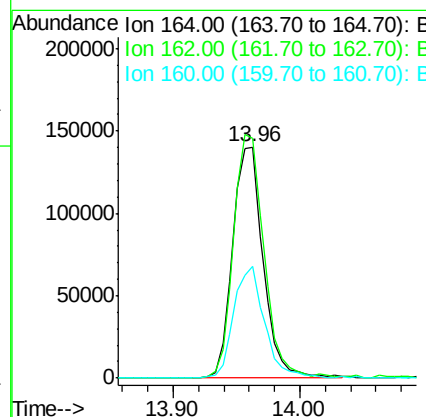
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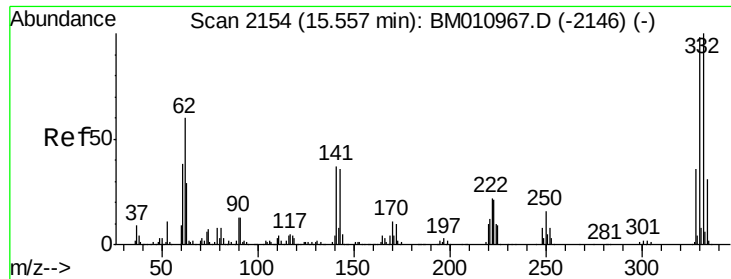
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#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 13.96 min Scan# 1900
 Delta R.T. 0.01 min
 Lab File: BM011231.D
 Acq: 14 Aug 2017 15:49

Tgt Ion	Ratio	Resp Lower	Upper
164	100		
162	104.0	82.4	123.6
160	48.3	35.8	53.6





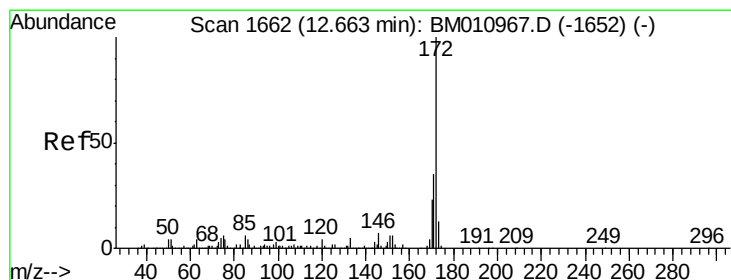
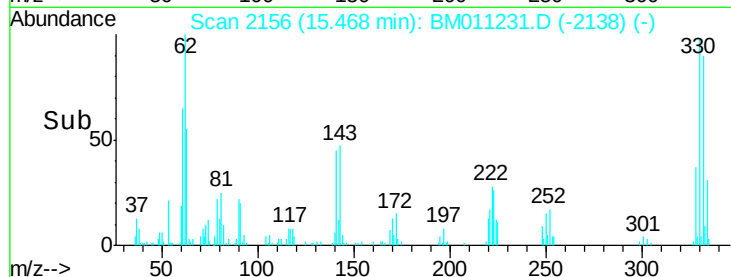
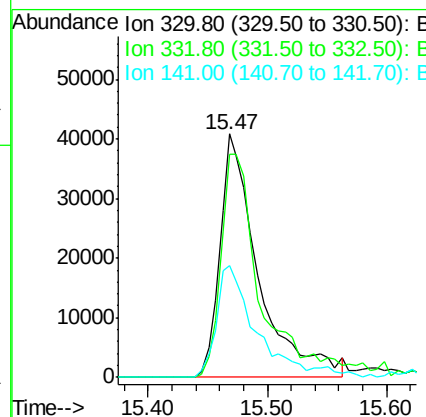
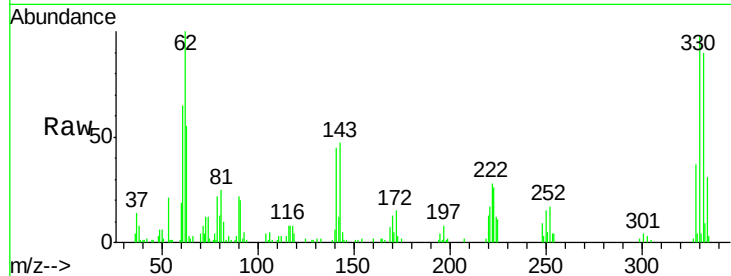
#41
 2,4,6-Tribromophenol
 Concen: 24.573 ng m
 RT: 15.47 min Scan# 2156
 Delta R.T. 0.01 min
 Lab File: BM011231.D
 Acq: 14 Aug 2017 15:49

Instrument :
 BNA_M
 ClientSampled :
 TR-04-080917RE

Tgt Ion	Ratio	Resp Lower	Resp Upper
330	100		
332	91.0	0.0	0.0#
141	46.4	0.0	0.0#

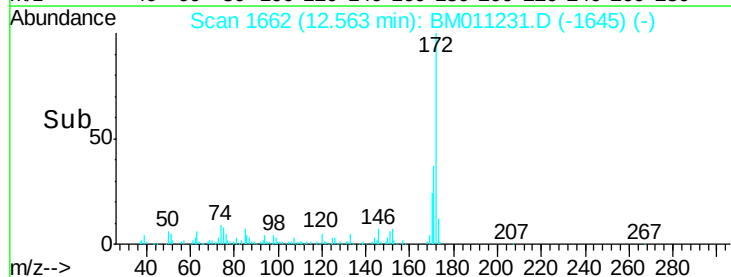
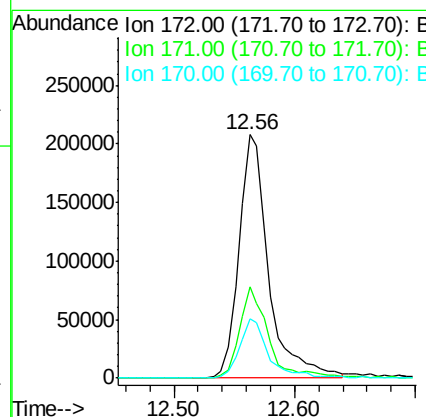
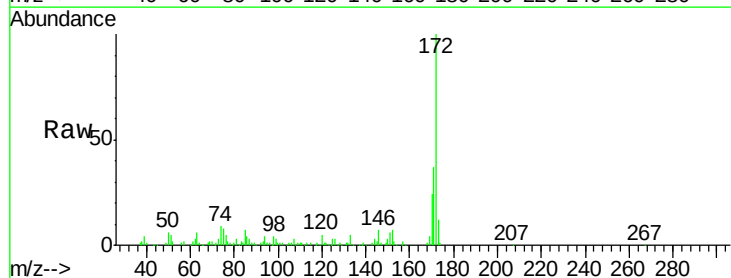
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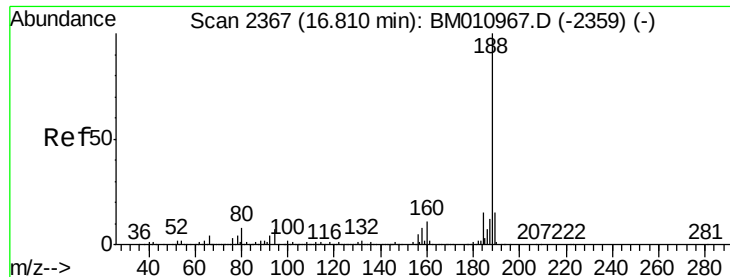
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#44
 2-Fluorobiphenyl
 Concen: 19.114 ng
 RT: 12.56 min Scan# 1662
 Delta R.T. -0.00 min
 Lab File: BM011231.D
 Acq: 14 Aug 2017 15:49

Tgt Ion	Ratio	Resp Lower	Resp Upper
172	100		
171	37.3	28.5	42.7
170	24.4	18.8	28.2





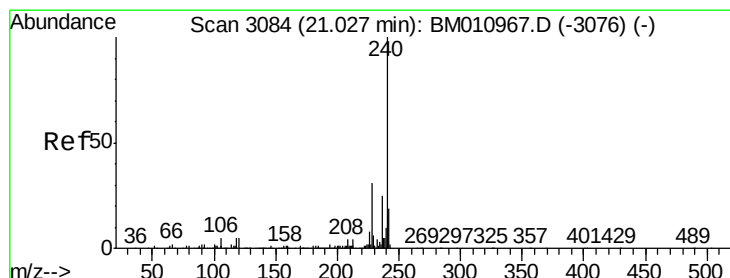
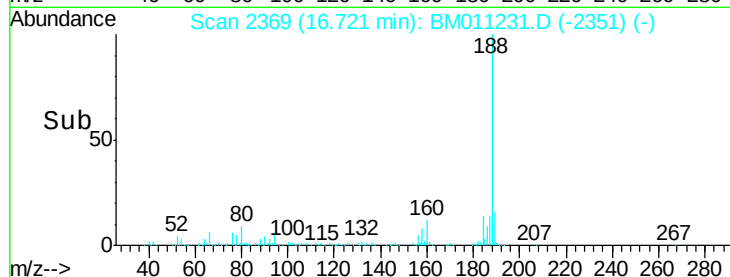
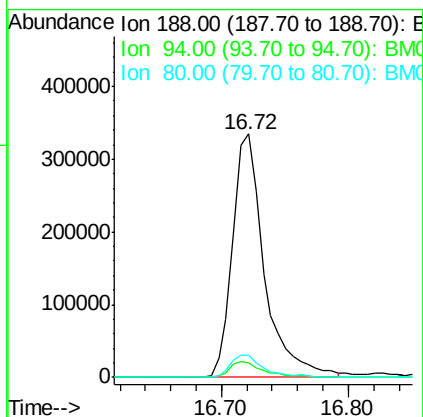
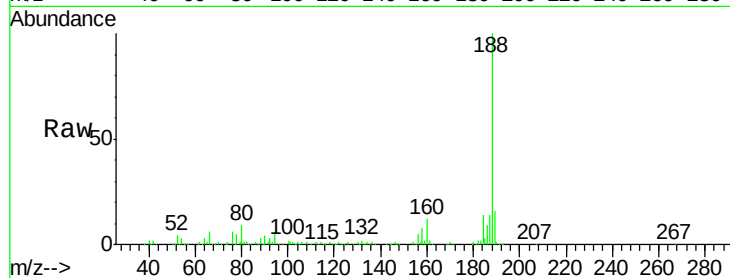
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.72 min Scan# 2369
Delta R.T. 0.01 min
Lab File: BM011231.D
Acq: 14 Aug 2017 15:49

Instrument :
BNA_M
ClientSampleId :
TR-04-080917RE

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	6.0	8.7	13.1#
80	9.1	9.3	13.9#

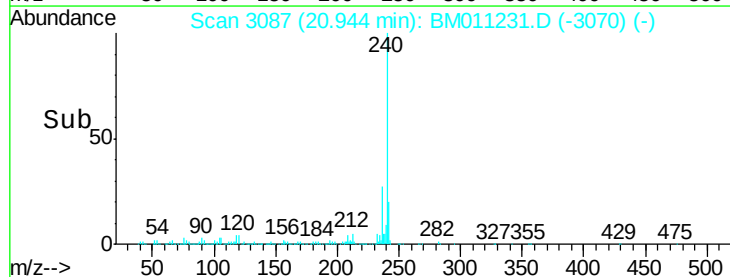
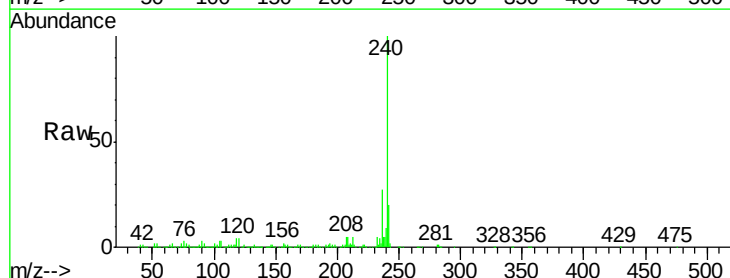
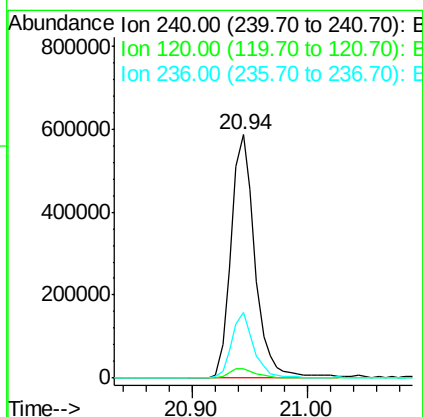
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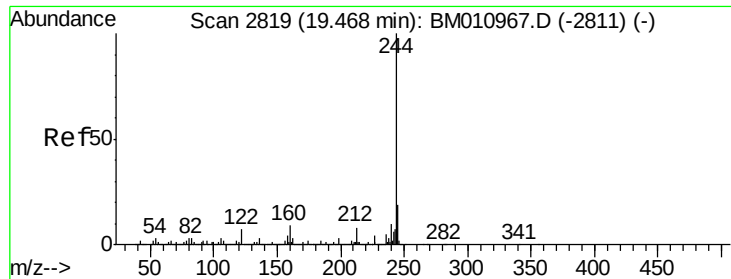
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#75
Chrysene-d12
Concen: 20.000 ng
RT: 20.94 min Scan# 3087
Delta R.T. -0.00 min
Lab File: BM011231.D
Acq: 14 Aug 2017 15:49

Tgt Ion	Ratio	Resp Lower	Resp Upper
240	100		
120	3.7	8.2	12.2#
236	27.1	20.0	30.0





#78

Terphenyl-d14

Concen: 16.558 ng

RT: 19.39 min Scan# 2822

Delta R.T. -0.00 min

Lab File: BM011231.D

Acq: 14 Aug 2017 15:49

Instrument :

BNA_M

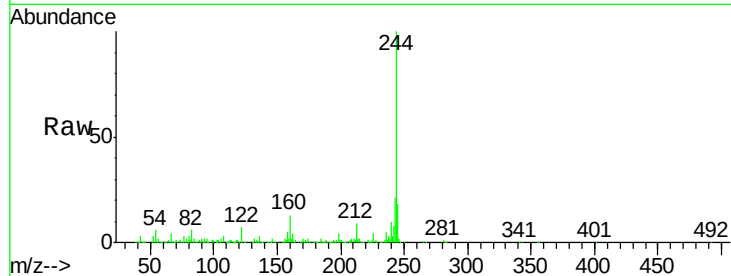
ClientSampleId :

TR-04-080917RE

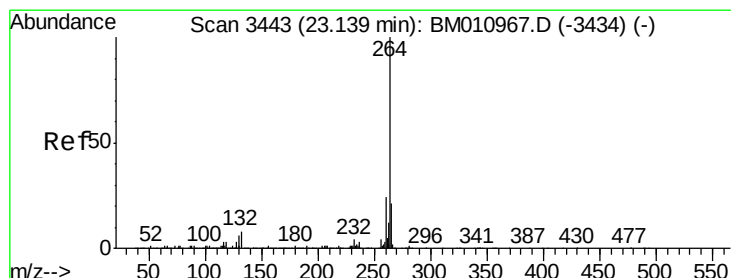
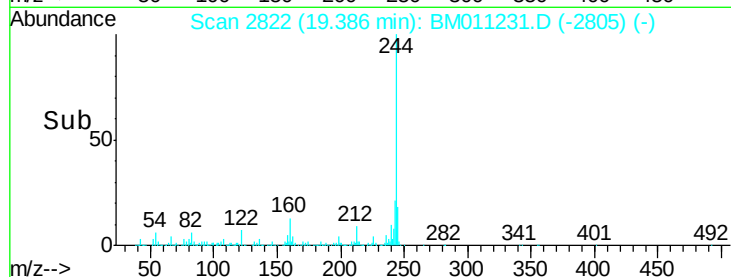
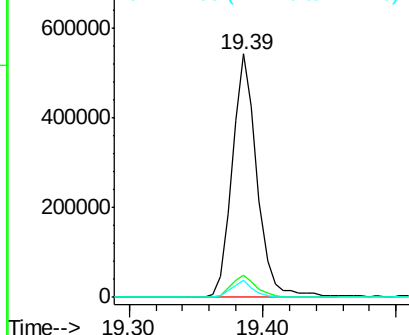
Tgt Ion:	244	Resp:	705796
Ion Ratio		Lower	Upper
244	100		
212	9.2	4.9	7.3#
122	6.9	6.2	9.4

Manual Integrations
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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



#86

Perylene-d12

Concen: 20.000 ng

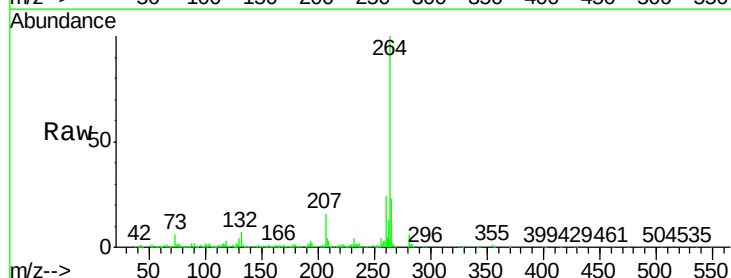
RT: 23.02 min Scan# 3440

Delta R.T. -0.00 min

Lab File: BM011231.D

Acq: 14 Aug 2017 15:49

Tgt Ion:	264	Resp:	872543
Ion Ratio		Lower	Upper
264	100		
260	23.9	18.6	27.8
265	23.3	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

