

Data Path : Z:\HPCHEM1\BNA M\DATA\BM082517\
 Data File : BM011350.D
 Acq On : 25 Aug 2017 19:03
 Operator : SJ/JU
 Sample : I4924-03
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 72-11975-COMP

Quant Time: Aug 25 23:29:29 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM072617.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 16 02:25:04 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.26	152	84700	20.00	ng	-0.02
21) Naphthalene-d8	10.02	136	288552	20.00	ng	-0.02
38) Acenaphthene-d10	13.93	164	196669	20.00	ng	-0.02
63) Phenanthrene-d10	16.70	188	509295	20.00	ng	-0.02
75) Chrysene-d12	20.92	240	704150	20.00	ng	-0.02
86) Perylene-d12	22.99	264	669615	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	4.90	112	151560	30.25	ng	-0.02
7) Phenol-d6	6.47	99	196011	27.53	ng	-0.02
23) Nitrobenzene-d5	8.41	82	194573	25.31	ng	-0.03
41) 2,4,6-Tribromophenol	15.45	330	75697	24.01	ng	-0.02
44) 2-Fluorobiphenyl	12.54	172	305785	19.50	ng	-0.02
78) Terphenyl-d14	19.36	244	640730	18.02	ng	-0.02

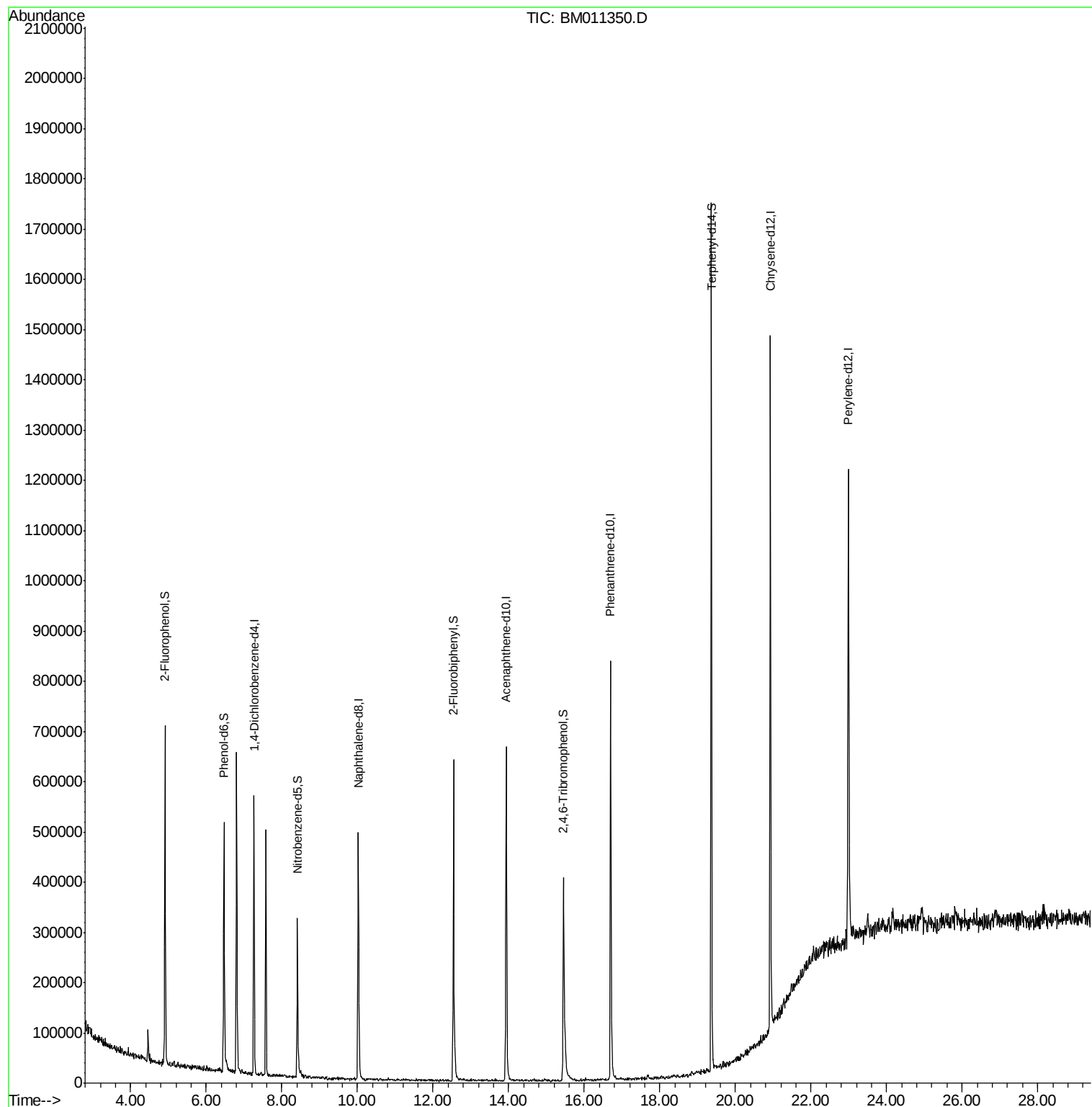
Target Compounds Qvalue

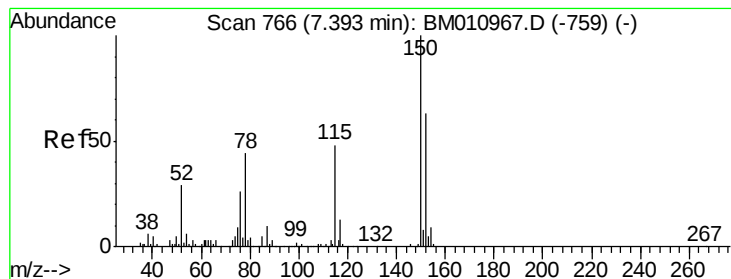
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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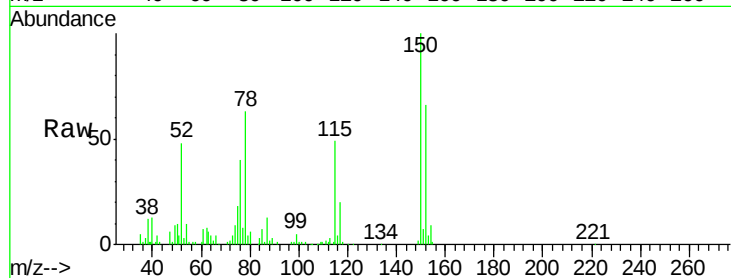


#1

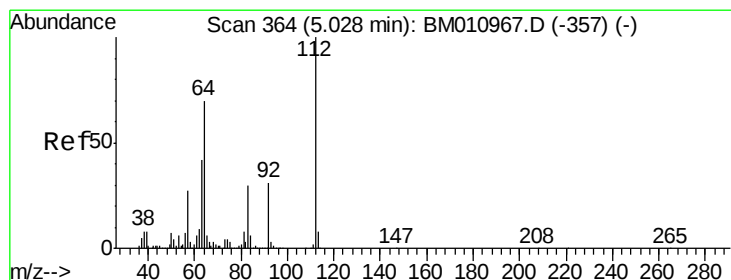
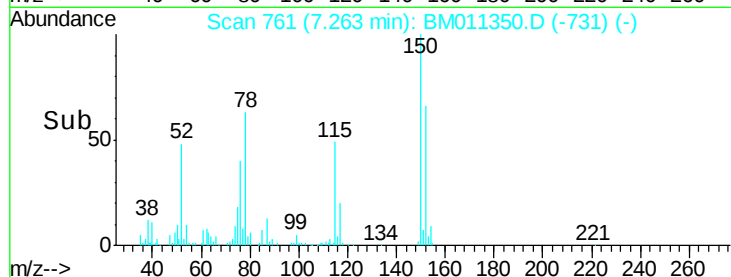
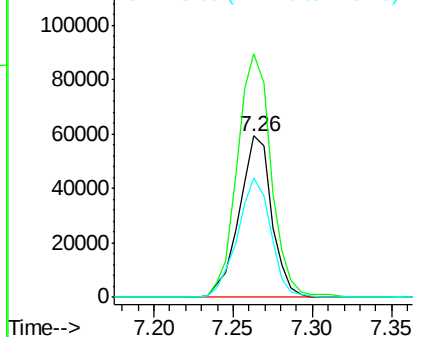
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.26 min Scan# 761
Delta R.T. -0.02 min
Lab File: BM011350.D
Acq: 25 Aug 2017 19:03

Instrument :
BNA_M
ClientSampleId :
72-11975-COMP

Tot Ion	Ratio	Lower	Upper
152	100		
150	151.0	119.5	179.3
115	74.2	43.0	64.4



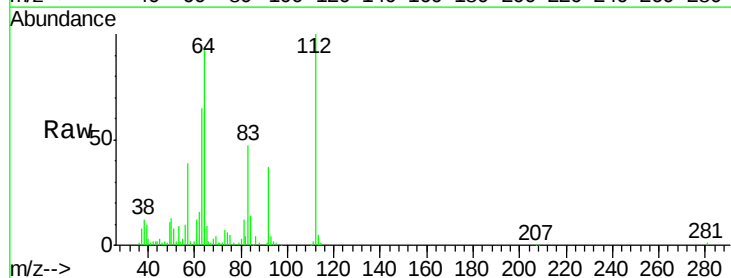
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



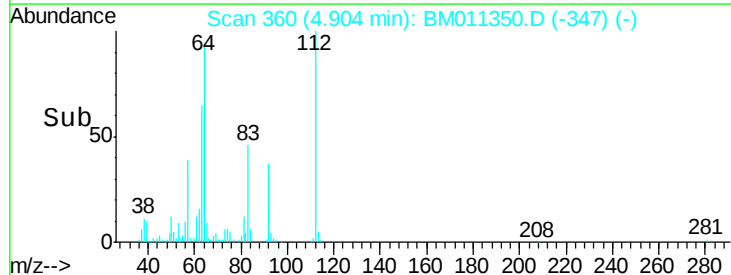
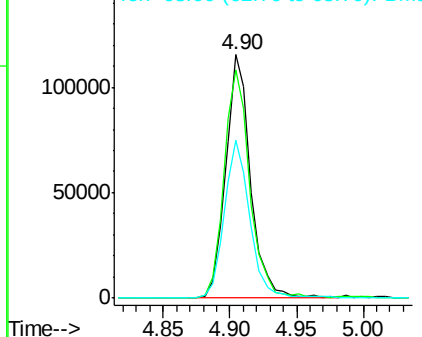
#5

2-Fluorophenol
Concen: 30.25 ng
RT: 4.90 min Scan# 360
Delta R.T. -0.02 min
Lab File: BM011350.D
Acq: 25 Aug 2017 19:03

Tgt Ion	Ratio	Lower	Upper
112	100		
64	93.9	38.6	57.8
63	64.7	19.3	28.9



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: 27.53 ng

RT: 6.47 min Scan# 626

Delta R.T. -0.02 min

Lab File: BM011350.D

Acq: 25 Aug 2017 19:03

Instrument :

BNA_M

ClientSampleId :

72-11975-COMP

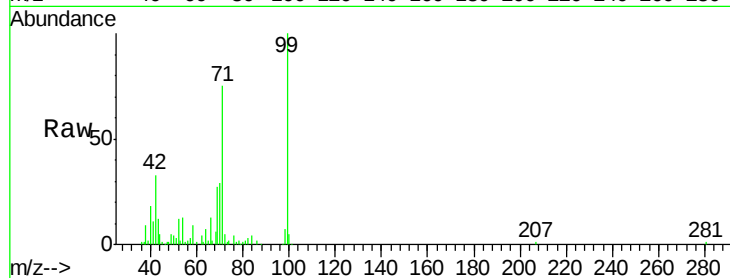
Tot Ion: 99 Resp: 196011

Ion Ratio Lower Upper

99 100

42 33.4 11.0 16.4#

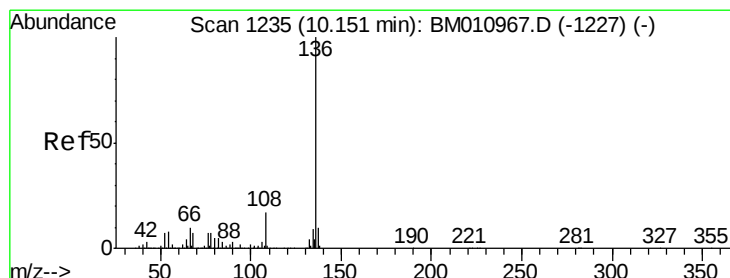
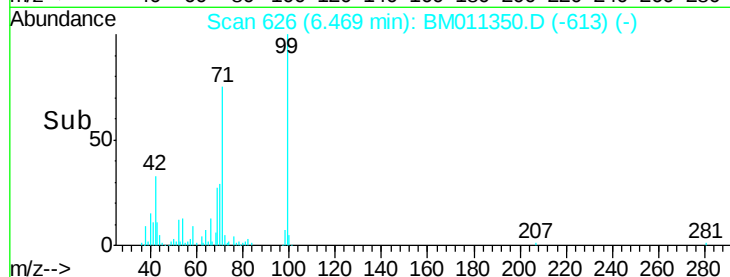
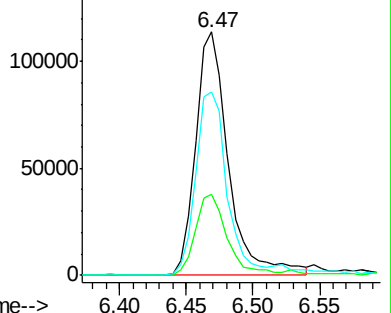
71 75.2 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM011350.D (-613) (-)

Ion 42.00 (41.70 to 42.70): BM011350.D (-613) (-)

Ion 71.00 (70.70 to 71.70): BM011350.D (-613) (-)



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.02 min Scan# 1230

Delta R.T. -0.02 min

Lab File: BM011350.D

Acq: 25 Aug 2017 19:03

Tgt Ion: 136 Resp: 288552

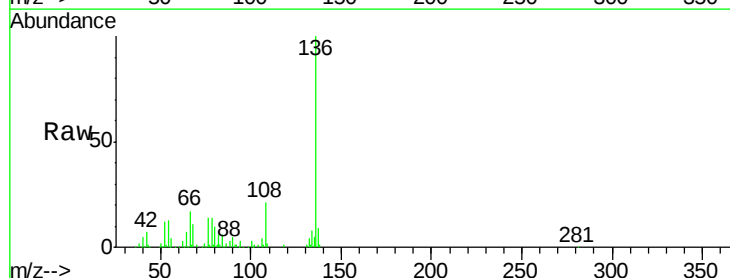
Ion Ratio Lower Upper

136 100

137 9.1 8.7 13.1

54 12.9 4.6 6.8#

68 10.5 3.7 5.5#

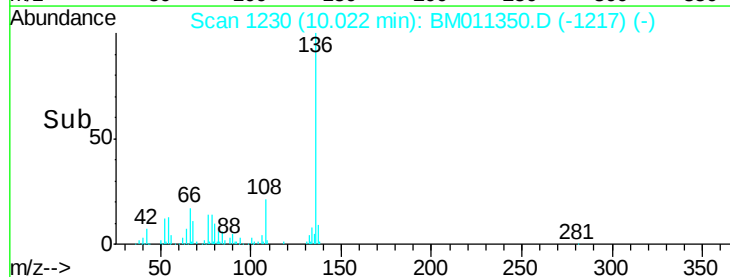
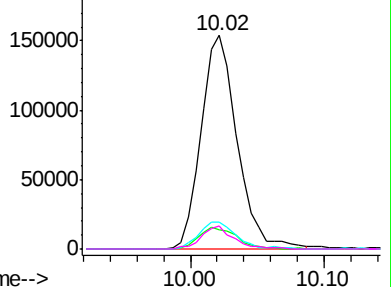


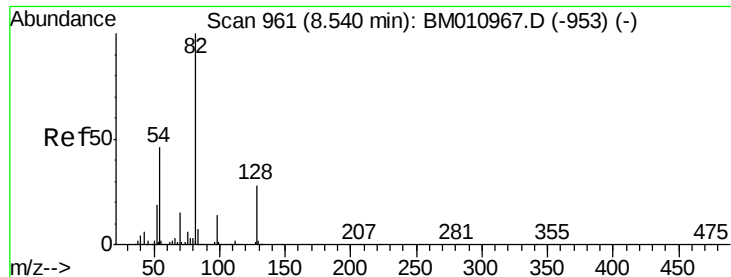
Abundance Ion 136.00 (135.70 to 136.70): BM011350.D (-1217) (-)

Ion 137.00 (136.70 to 137.70): BM011350.D (-1217) (-)

Ion 54.00 (53.70 to 54.70): BM011350.D (-1217) (-)

Ion 68.00 (67.70 to 68.70): BM011350.D (-1217) (-)

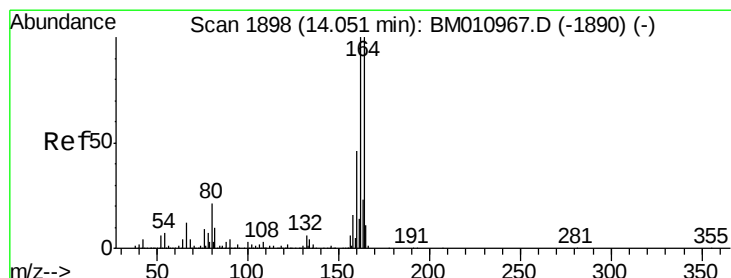
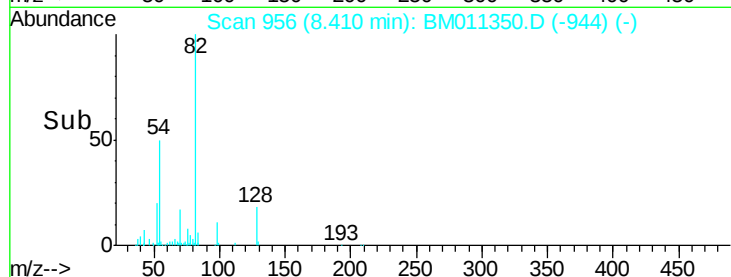
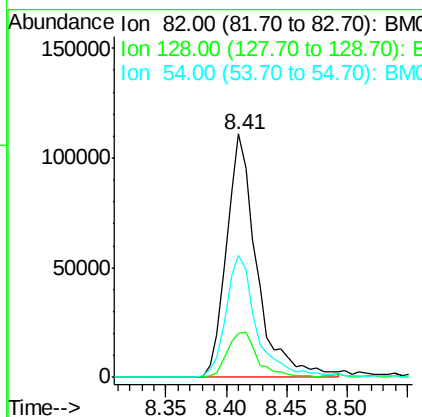
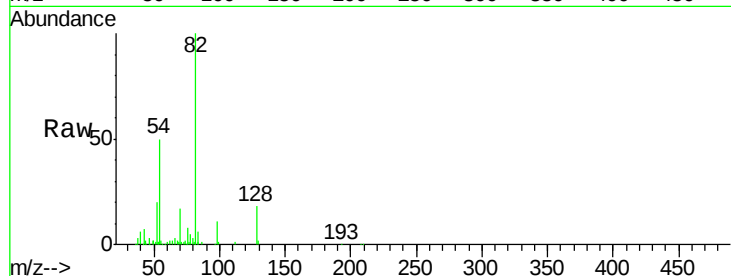




#23
Nitrobenzene-d5
Concen: 25.31 ng
RT: 8.41 min Scan# 956
Delta R.T. -0.03 min
Lab File: BM011350.D
Acq: 25 Aug 2017 19:03

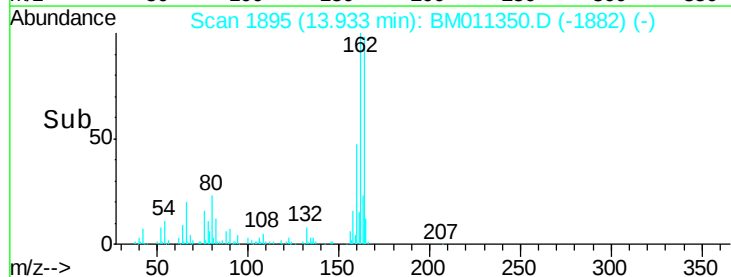
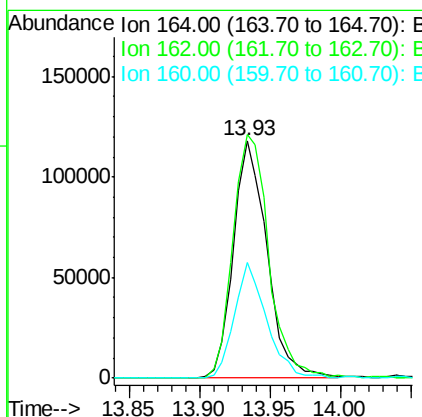
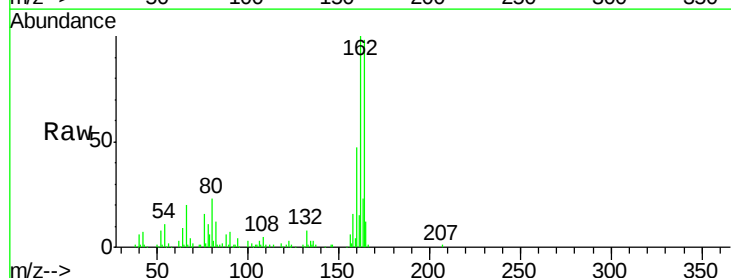
Instrument :
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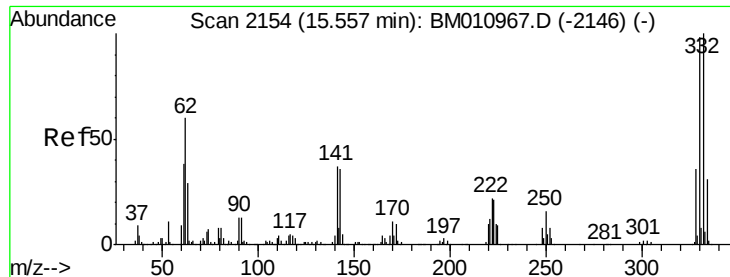
Tot Ion	82	Resp	194573
Ion Ratio	Lower	Upper	
82	100		
128	18.2	32.8	49.2#
54	50.3	40.6	60.8



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 13.93 min Scan# 1895
Delta R.T. -0.02 min
Lab File: BM011350.D
Acq: 25 Aug 2017 19:03

Tgt Ion	164	Resp	196669
Ion Ratio	Lower	Upper	
164	100		
162	102.6	82.4	123.6
160	48.7	35.8	53.6

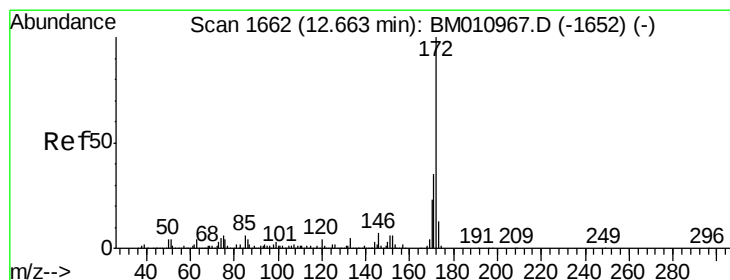
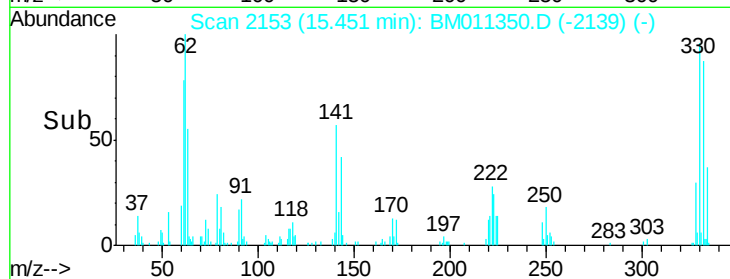
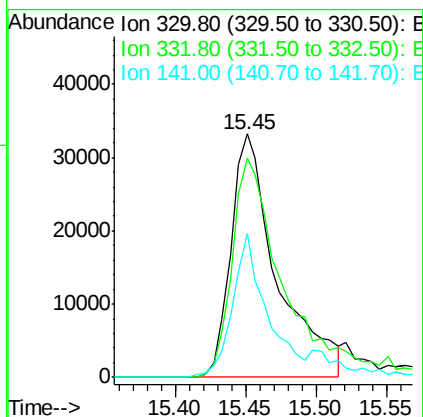
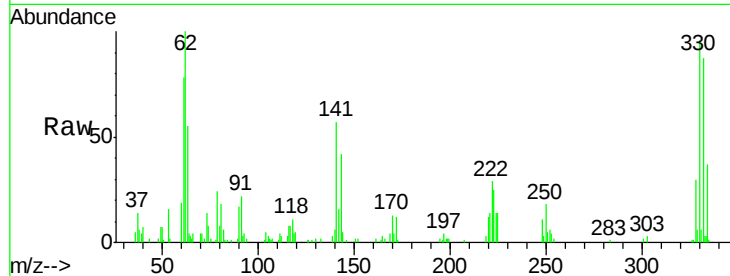




#41
 2,4,6-Tribromophenol
 Concen: 24.01 ng
 RT: 15.45 min Scan# 2153
 Delta R.T. -0.02 min
 Lab File: BM011350.D
 Acq: 25 Aug 2017 19:03

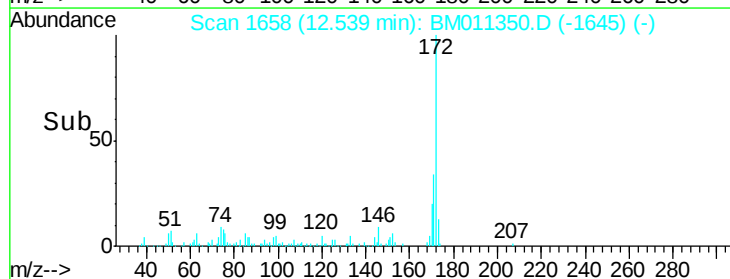
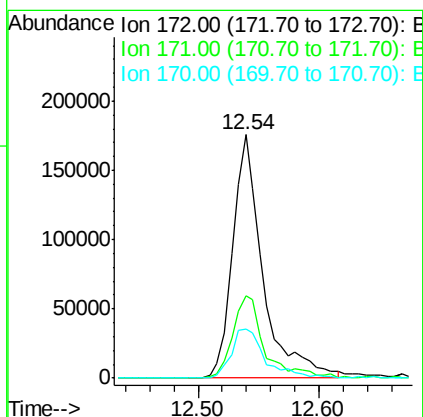
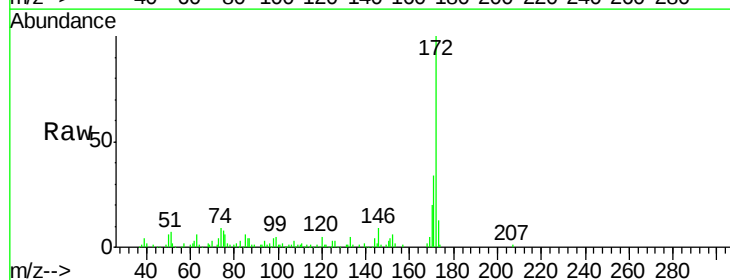
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 72-11975-COMP

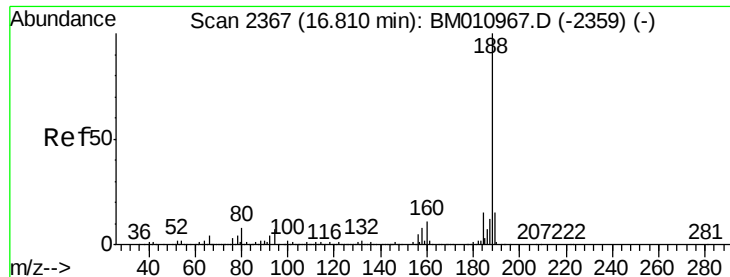
Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	96.3	0.0	0.0	0.0
141	44.1	0.0	0.0	0.0



#44
 2-Fluorobiphenyl
 Concen: 19.50 ng
 RT: 12.54 min Scan# 1658
 Delta R.T. -0.02 min
 Lab File: BM011350.D
 Acq: 25 Aug 2017 19:03

Tgt Ion	Ratio	Resp	Lower	Upper
172	100			
171	33.7	28.5	42.7	
170	20.2	18.8	28.2	

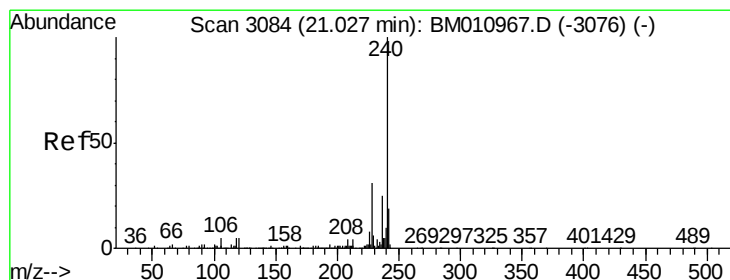
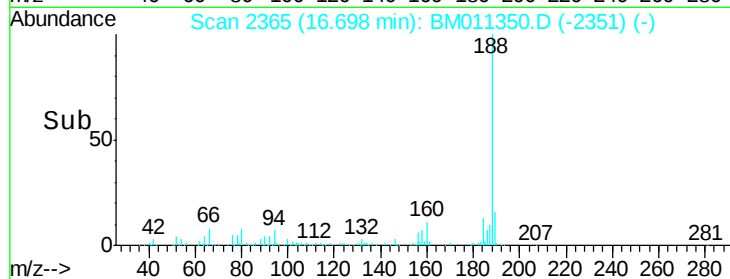
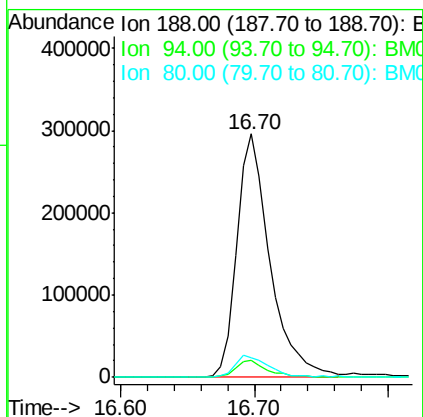
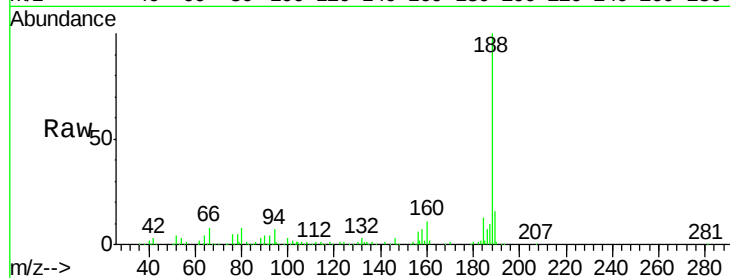




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 16.70 min Scan# 2365
Delta R.T. -0.02 min
Lab File: BM011350.D
Acq: 25 Aug 2017 19:03

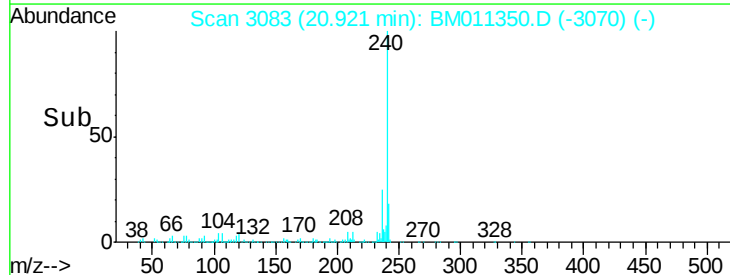
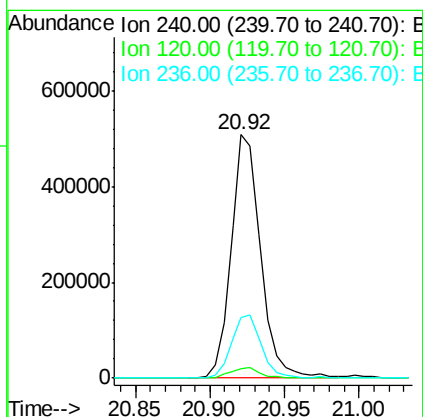
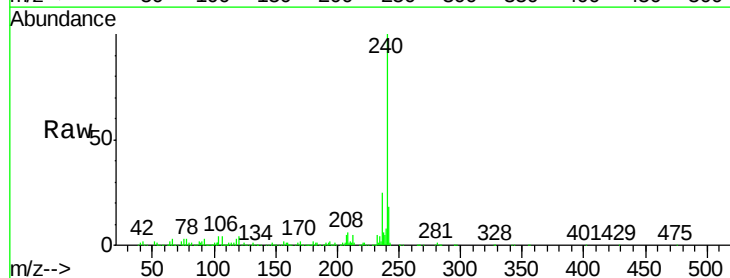
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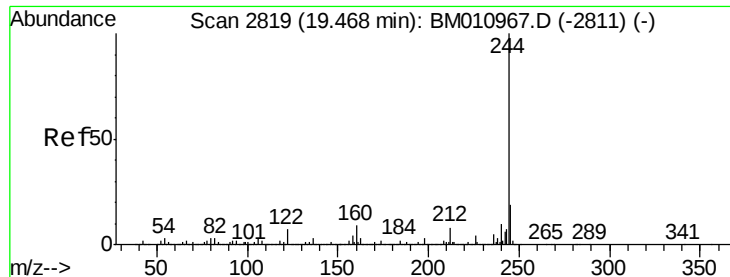
Tot Ion	Ratio	Lower	Upper
188	100		
94	7.4	8.7	13.1#
80	8.3	9.3	13.9#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 20.92 min Scan# 3083
Delta R.T. -0.02 min
Lab File: BM011350.D
Acq: 25 Aug 2017 19:03

Tgt Ion	Ratio	Lower	Upper
240	100		
120	4.1	8.2	12.2#
236	24.8	20.0	30.0





#78

Terphenyl-d14

Concen: 18.02 ng

RT: 19.36 min Scan# 2818

Delta R.T. -0.02 min

Lab File: BM011350.D

Acq: 25 Aug 2017 19:03

Instrument :

BNA_M

ClientSampleId :

72-11975-COMP

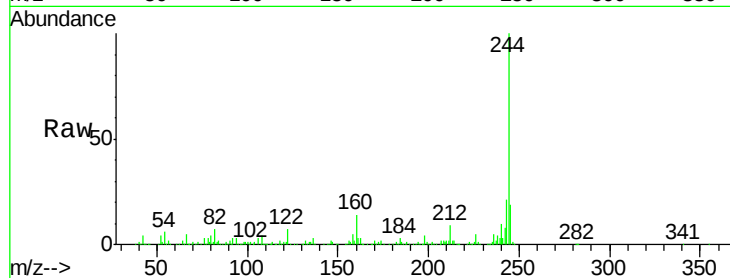
Tot Ion:244 Resp: 640730

Ion Ratio Lower Upper

244 100

212 8.8 4.9 7.3#

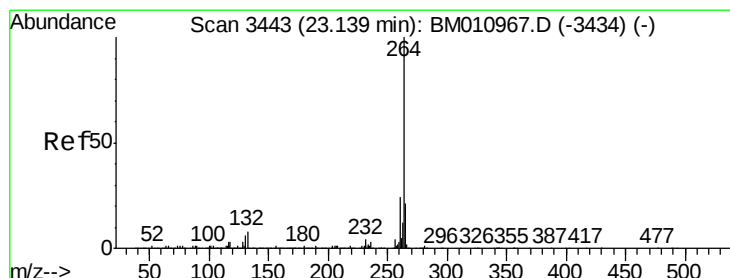
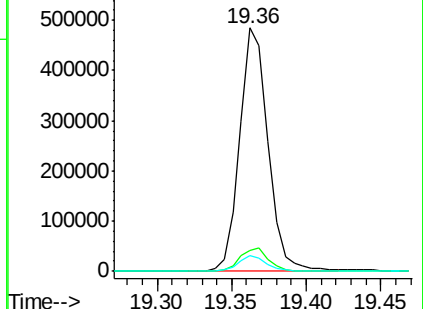
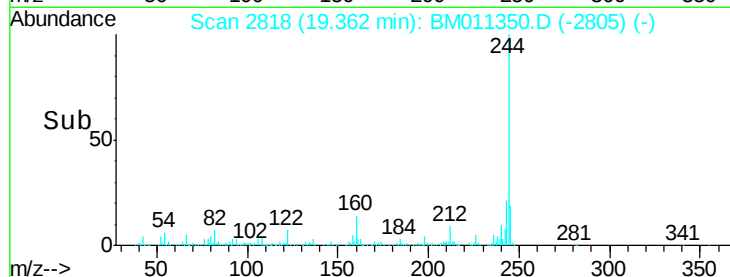
122 6.5 6.2 9.4



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: 20.00 ng

RT: 22.99 min Scan# 3435

Delta R.T. -0.03 min

Lab File: BM011350.D

Acq: 25 Aug 2017 19:03

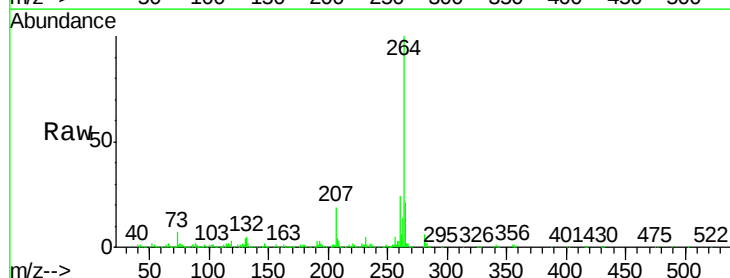
Tgt Ion:264 Resp: 669615

Ion Ratio Lower Upper

264 100

260 24.1 18.6 27.8

265 20.9 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

