

Data Path : Z:\HPCHEM1\BNA M\DATA\BM081517\
 Data File : BM011243.D
 Acq On : 15 Aug 2017 21:14
 Operator : SJ/JU
 Sample : I4793-03
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EO-02-081417-A

Manual Integrations
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 8/16/2017 6:43:45 PM

Quant Time: Aug 16 01:50:58 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 01:32:19 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.29	152	111626	20.00	ng	0.00
21) Naphthalene-d8	10.05	136	364522	20.00	ng	0.00
38) Acenaphthene-d10	13.96	164	248103	20.00	ng	0.00
63) Phenanthrene-d10	16.72	188	618316	20.00	ng	0.00
75) Chrysene-d12	20.94	240	750509	20.00	ng	0.00
86) Perylene-d12	23.01	264	760661	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.93	112	775400	117.42	ng	0.00
7) Phenol-d6	6.49	99	1008362	107.48	ng	0.00
23) Nitrobenzene-d5	8.44	82	1025701	105.61	ng	0.00
41) 2,4,6-Tribromophenol	15.46	330	469332	118.02	ng	0.00
44) 2-Fluorobiphenyl	12.56	172	1653634	83.59	ng	0.00
78) Terphenyl-d14	19.39	244	2968129	78.34	ng	0.00
Target Compounds						
76) Benzidine	19.01	184	943439m	52.547	ng	Qvalue

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

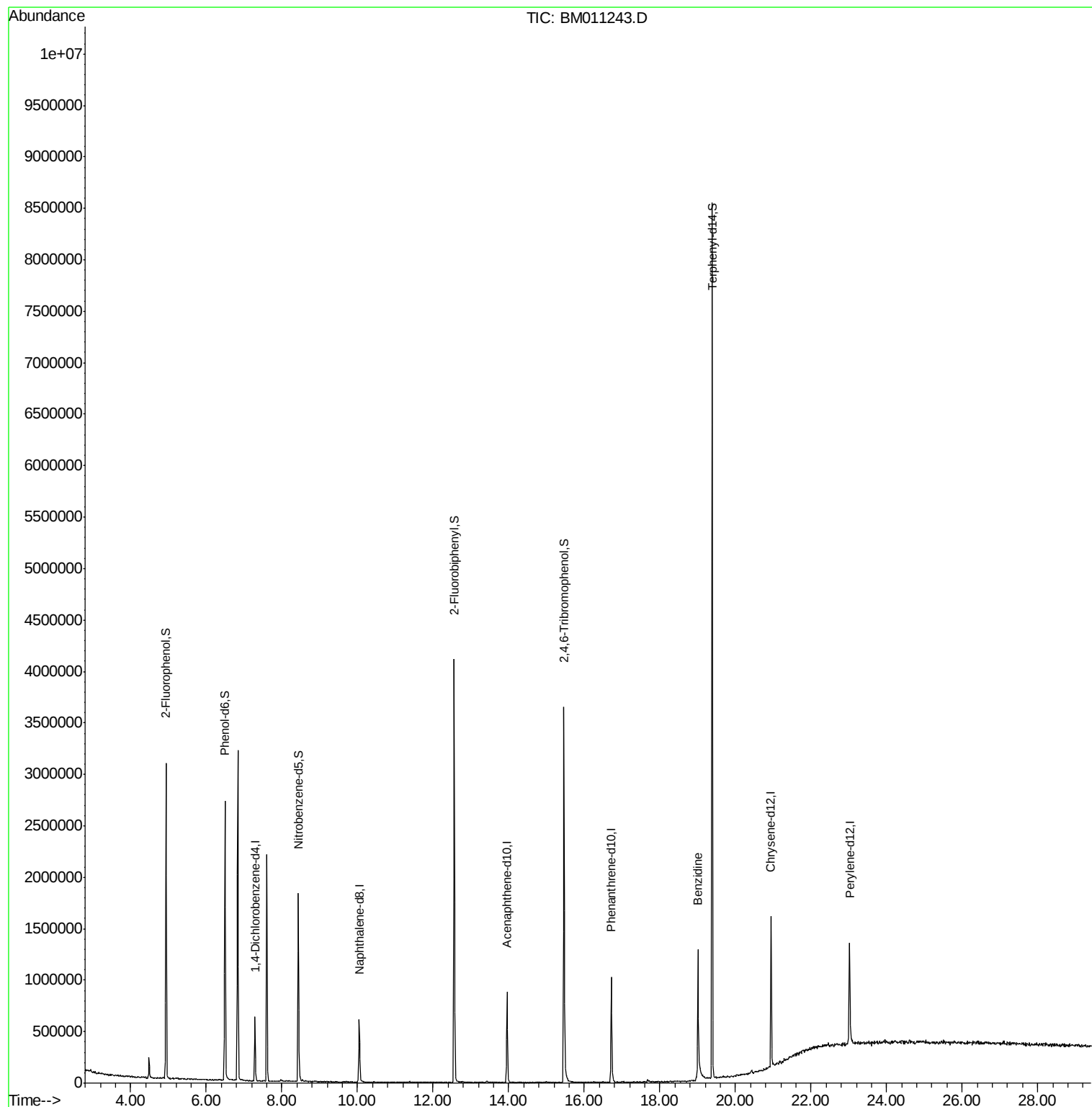
Data Path : Z:\HPCHEM1\BNA M\DATA\BM081517\
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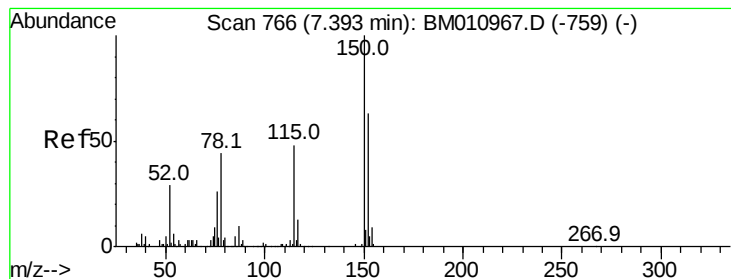
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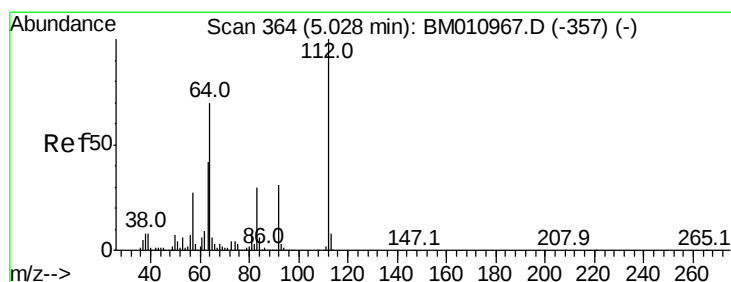
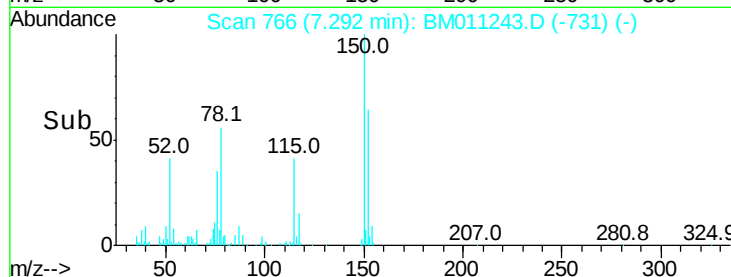
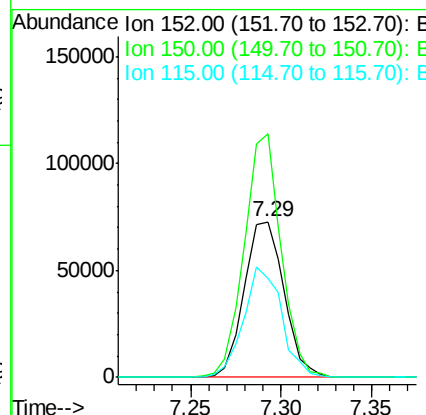
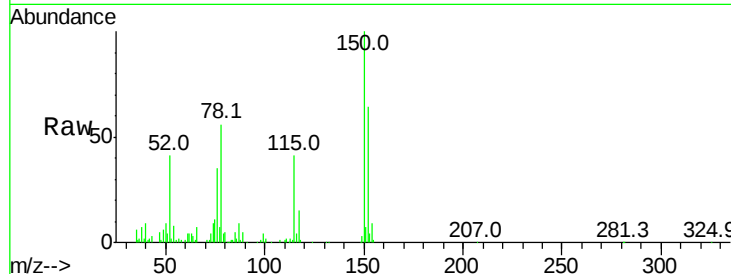
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.29 min Scan# 766
 Delta R.T. 0.01 min
 Lab File: BM011243.D
 Acq: 15 Aug 2017 21:14

Instrument :
 BNA_M
 ClientSampleId :
 EO-02-081417-A

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.2	119.5	179.3
115	63.7	43.0	64.4

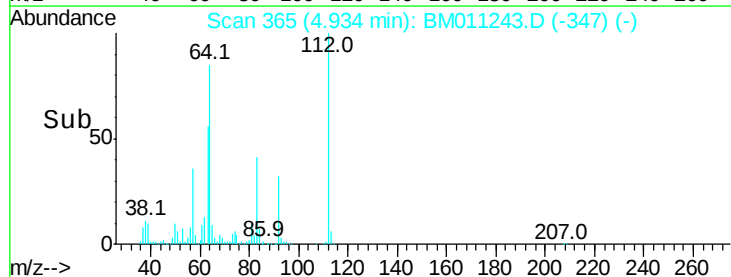
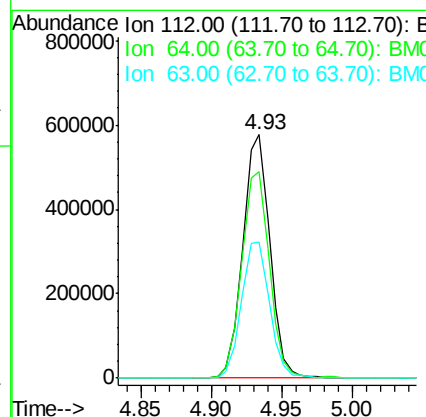
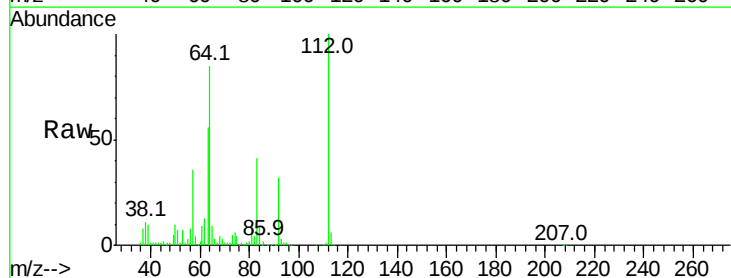
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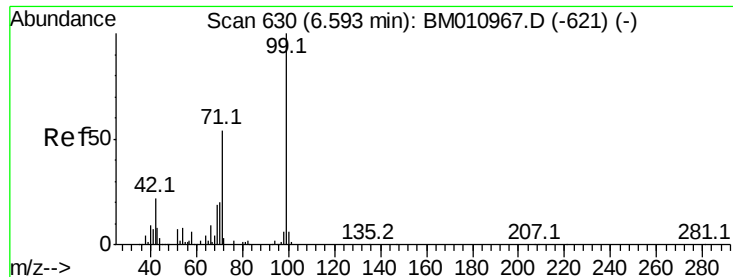
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#5
 2-Fluorophenol
 Concen: 117.425 ng
 RT: 4.93 min Scan# 365
 Delta R.T. 0.01 min
 Lab File: BM011243.D
 Acq: 15 Aug 2017 21:14

Tgt Ion	Ratio	Lower	Upper
112	100		
64	84.8	38.6	57.8#
63	55.8	19.3	28.9#





#7

Phenol-d6

Concen: 107.476 ng

RT: 6.49 min Scan# 630

Delta R.T. 0.00 min

Lab File: BM011243.D

Acq: 15 Aug 2017 21:14

Instrument :

BNA_M

ClientSampleId :

EO-02-081417-A

Tot Ion: 99 Resp: 1008362

Ion Ratio Lower Upper

99 100

42 31.3 11.0 16.4#

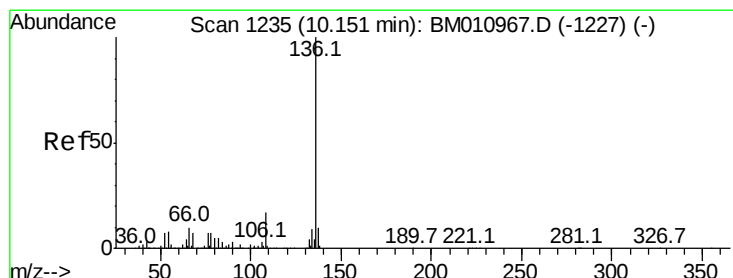
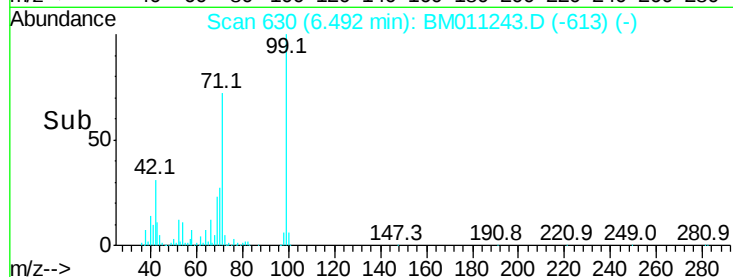
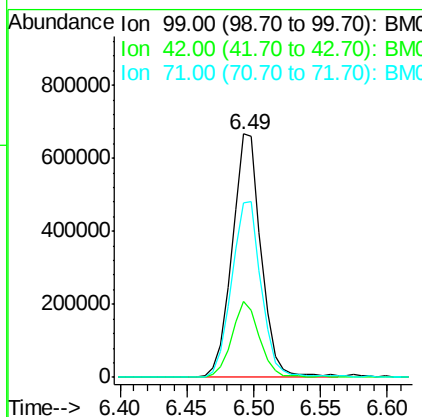
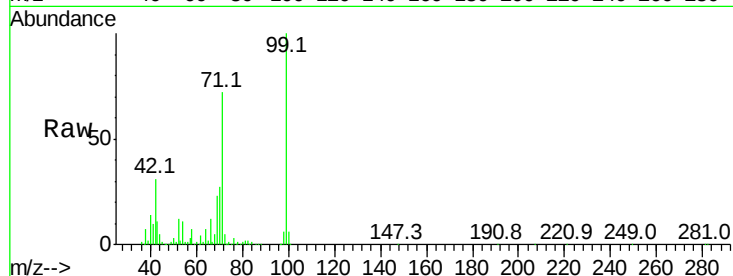
71 71.7 23.4 35.2#

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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: BM011243.D

Acq: 15 Aug 2017 21:14

Tgt Ion: 136 Resp: 364522

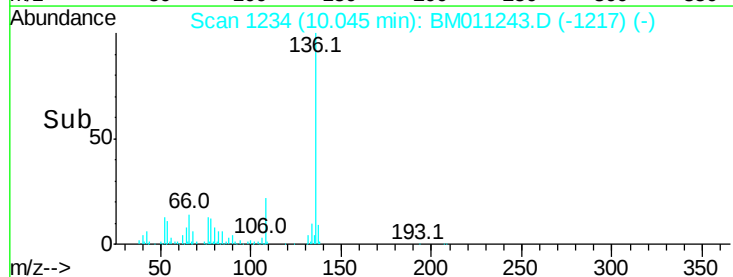
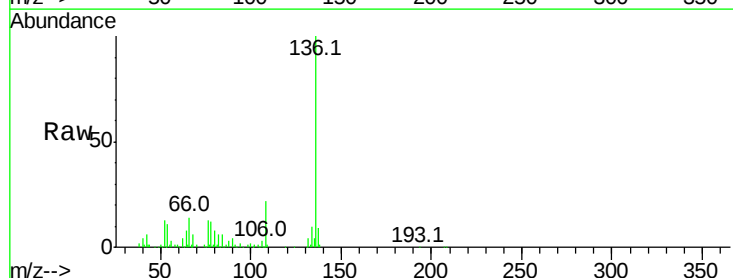
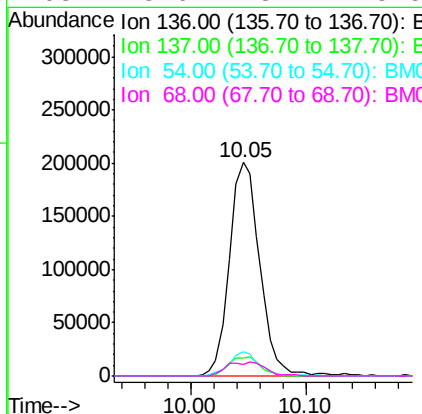
Ion Ratio Lower Upper

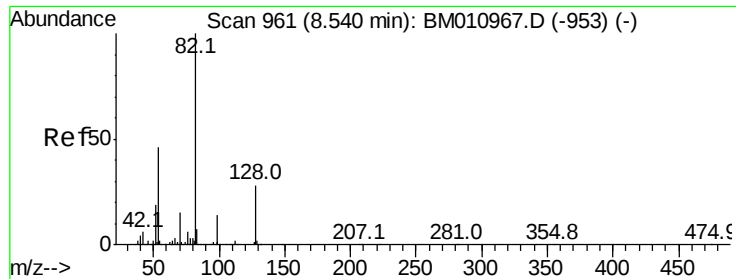
136 100

137 8.6 8.7 13.1#

54 11.3 4.6 6.8#

68 5.6 3.7 5.5#





#23

Nitrobenzene-d5

Concen: 105.607 ng

RT: 8.44 min Scan# 961

Delta R.T. 0.00 min

Lab File: BM011243.D

Acq: 15 Aug 2017 21:14

Instrument :

BNA_M

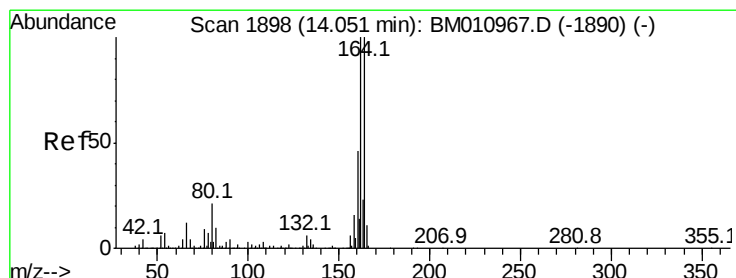
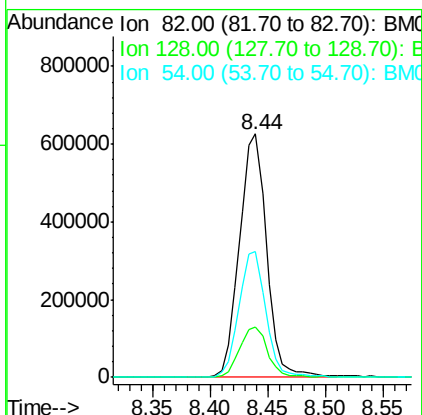
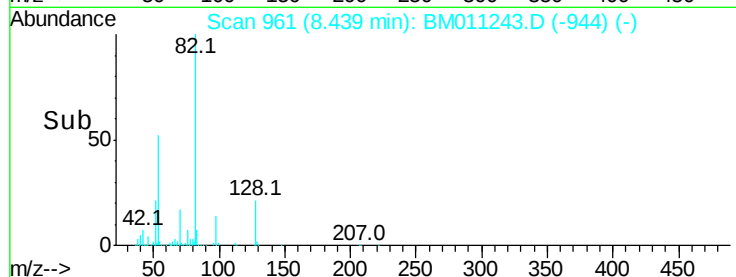
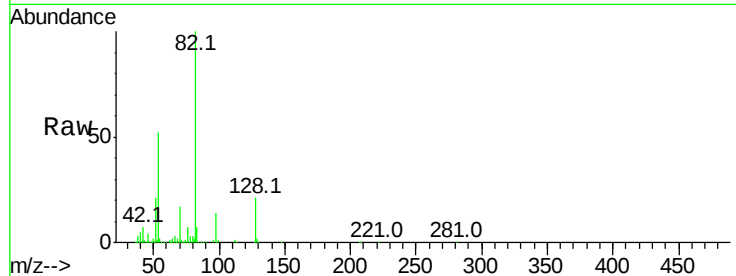
ClientSampleId :

EO-02-081417-A

Tot Ion	82	Resp	1025701
Ion Ratio	Lower	Upper	
82	100		
128	20.7	32.8	49.2#
54	51.6	40.6	60.8

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#38

Acenaphthene-d10

Concen: 20.000 ng

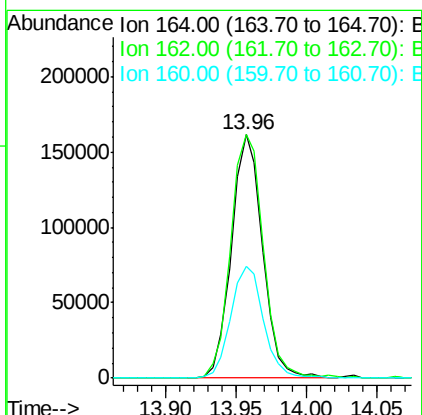
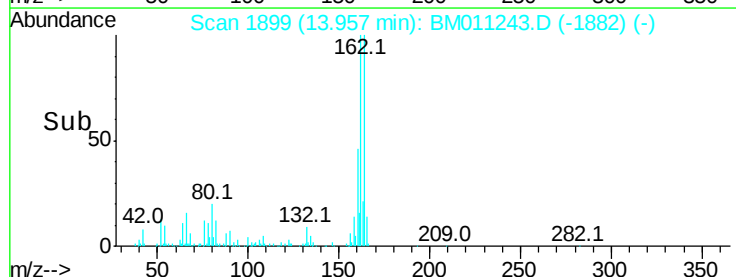
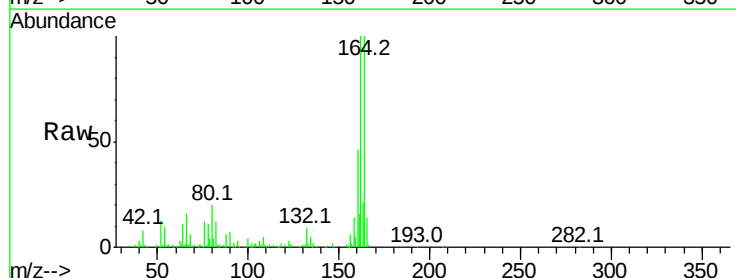
RT: 13.96 min Scan# 1899

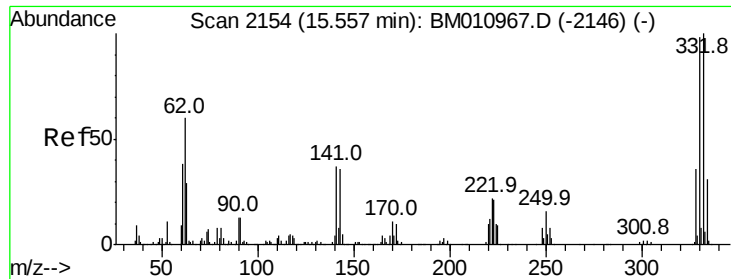
Delta R.T. 0.00 min

Lab File: BM011243.D

Acq: 15 Aug 2017 21:14

Tgt Ion	164	Resp	248103
Ion Ratio	Lower	Upper	
164	100		
162	100.2	82.4	123.6
160	45.9	35.8	53.6





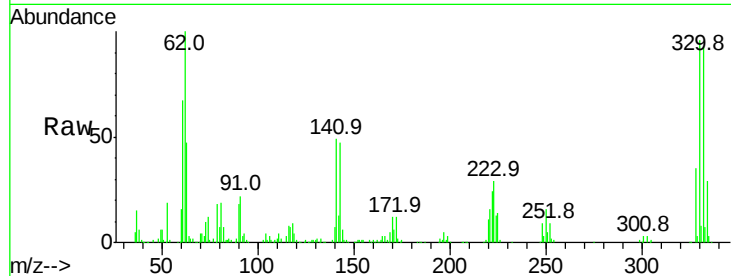
#41
 2,4,6-Tribromophenol
 Concen: 118.024 ng
 RT: 15.46 min Scan# 2155
 Delta R.T. -0.01 min
 Lab File: BM011243.D
 Acq: 15 Aug 2017 21:14

Instrument :
 BNA_M
 ClientSampleId :
 EO-02-081417-A

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	95.4	0.0	0.0	0.0
141	49.5	0.0	0.0	0.0

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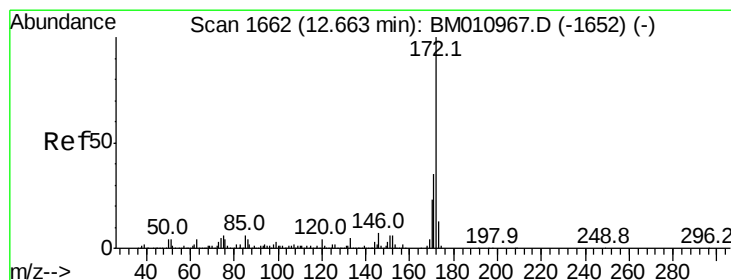
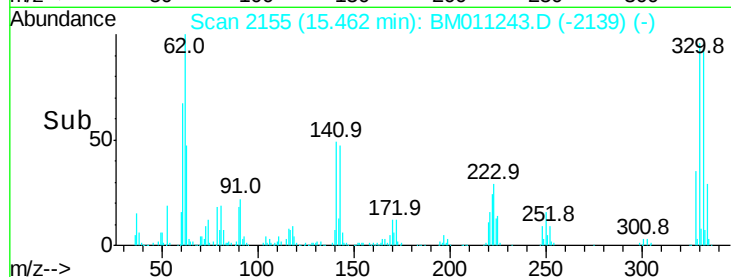
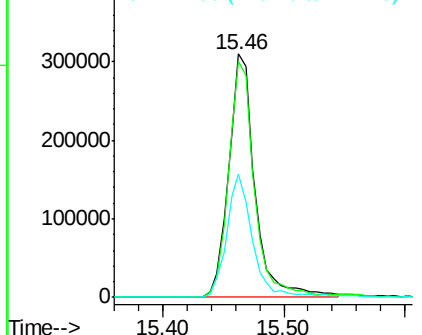


Abundance

Ion 329.80 (329.50 to 330.50): E

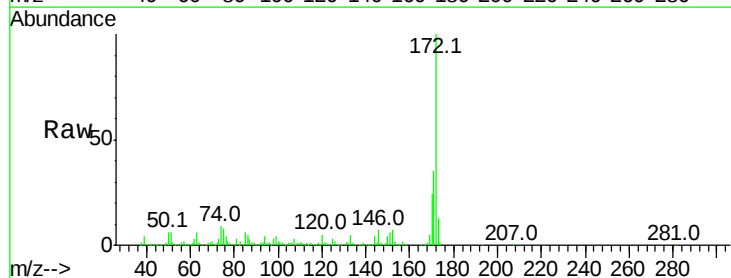
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 83.590 ng
 RT: 12.56 min Scan# 1662
 Delta R.T. 0.00 min
 Lab File: BM011243.D
 Acq: 15 Aug 2017 21:14

Tgt Ion	Ratio	Resp	Lower	Upper
172	100			
171	35.2	28.5	42.7	
170	23.7	18.8	28.2	

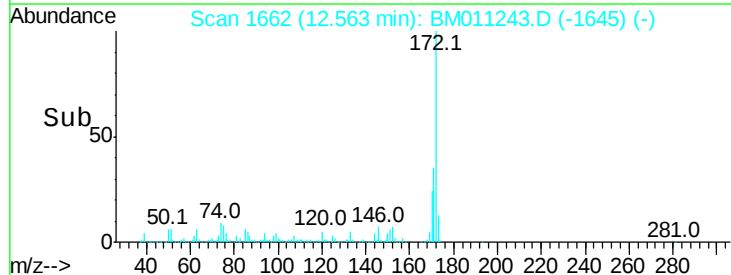
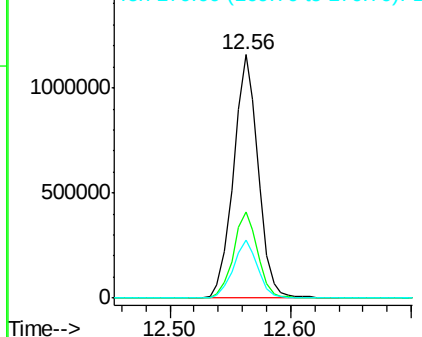


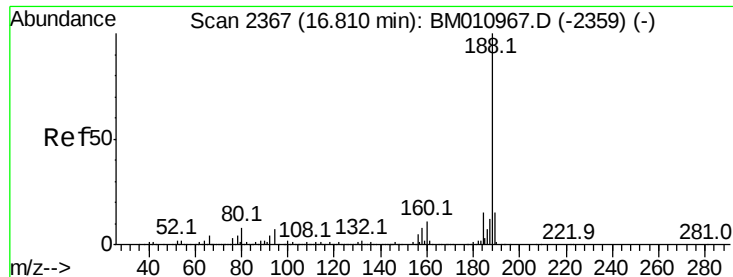
Abundance

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





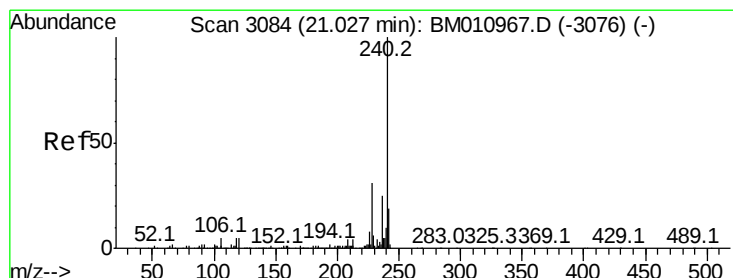
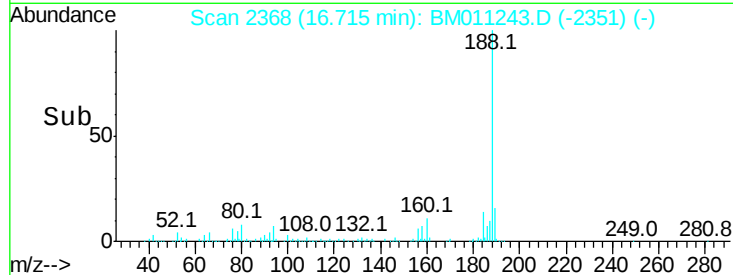
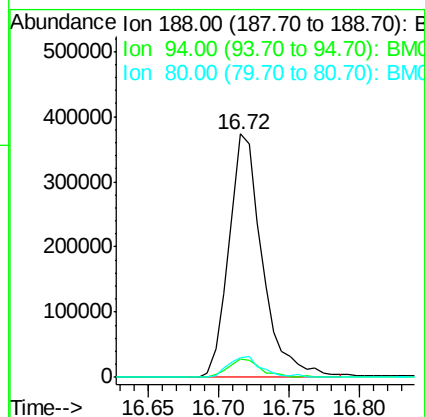
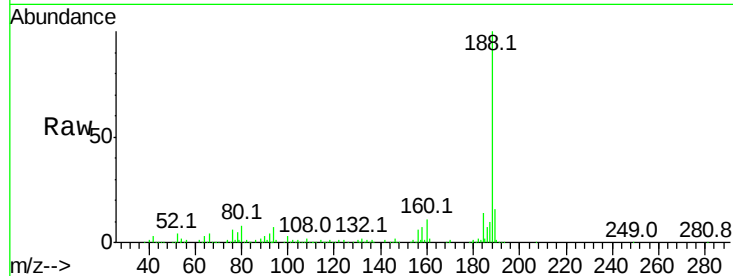
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.72 min Scan# 2368
Delta R.T. 0.00 min
Lab File: BM011243.D
Acq: 15 Aug 2017 21:14

Instrument :
BNA_M
ClientSampleId :
EO-02-081417-A

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	7.4	8.7	13.1#
80	8.0	9.3	13.9#

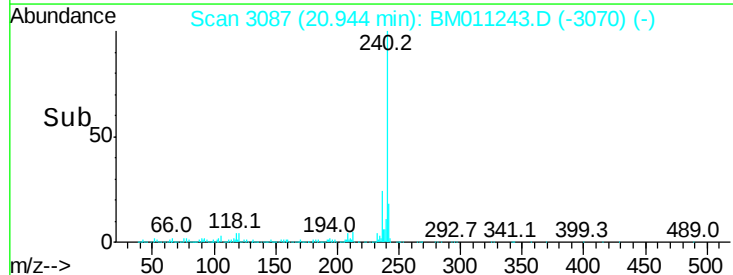
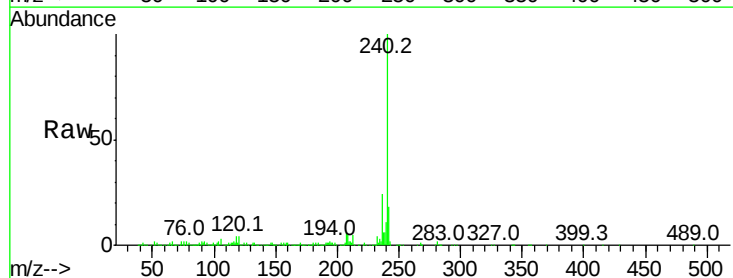
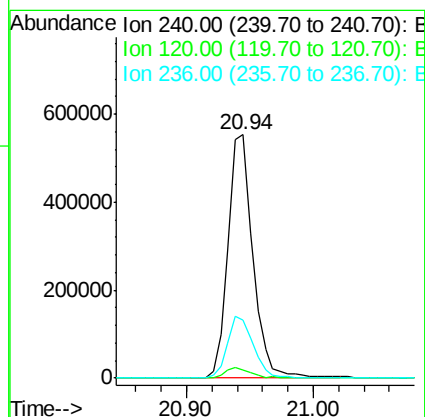
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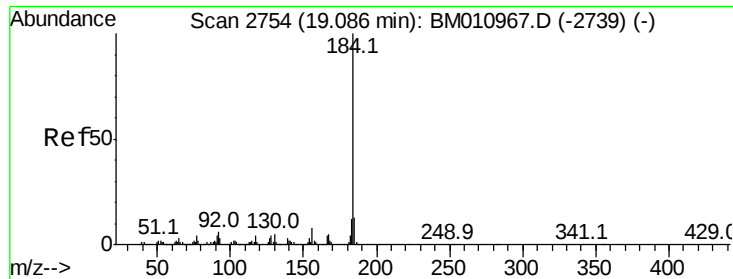
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#75
Chrysene-d12
Concen: 20.000 ng
RT: 20.94 min Scan# 3087
Delta R.T. 0.00 min
Lab File: BM011243.D
Acq: 15 Aug 2017 21:14

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	3.6	8.2	12.2#
236	23.9	20.0	30.0





#76

Benzidine

Concen: 52.547 ng/mL

RT: 19.01 min Scan# 2758

Delta R.T. 0.00 min

Lab File: BM011243.D

Acq: 15 Aug 2017 21:14

Instrument :

BNA_M

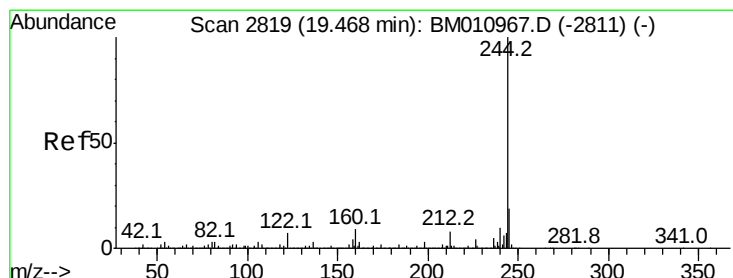
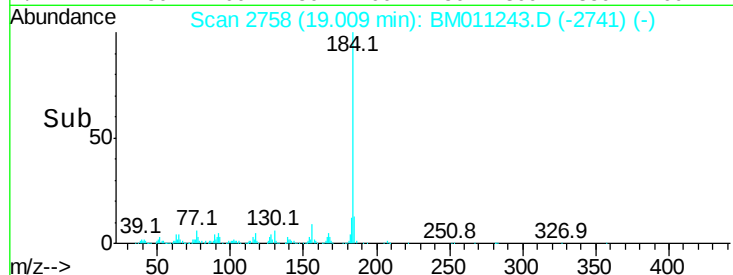
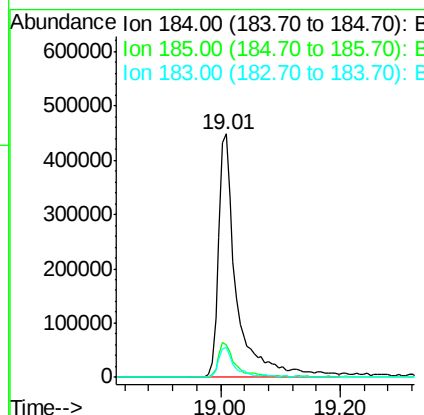
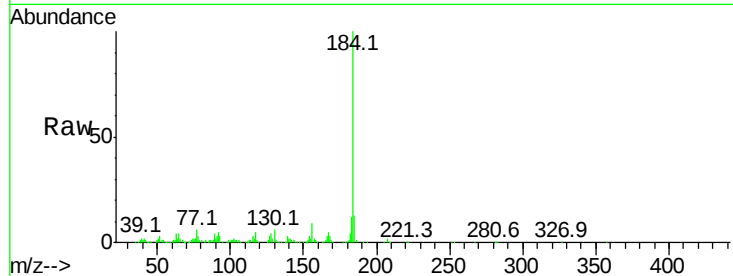
ClientSampleId :

EO-02-081417-A

Tot Ion:	184	Resp:	943439
Ion Ratio	Lower	Upper	
184	100		
185	13.2	11.3	16.9
183	12.0	8.9	13.3

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#78

Terphenyl-d14

Concen: 78.340 ng/mL

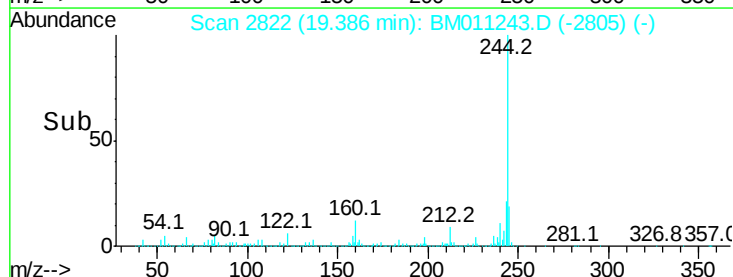
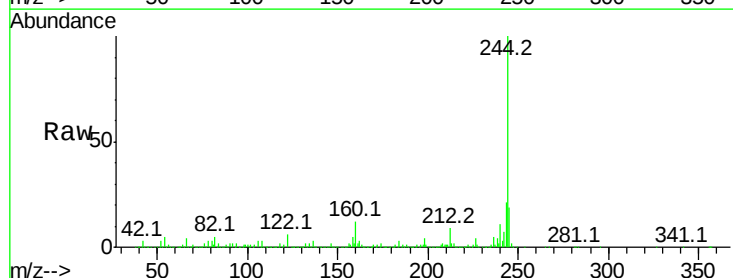
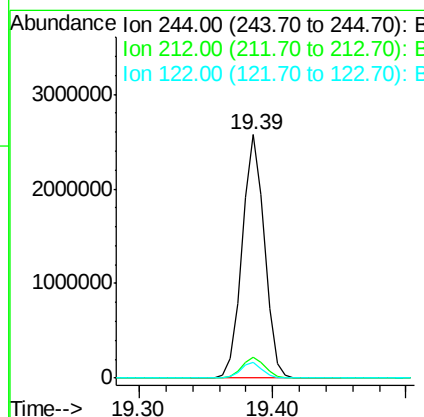
RT: 19.39 min Scan# 2822

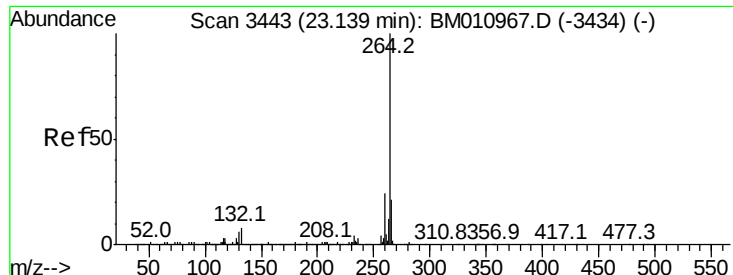
Delta R.T. 0.00 min

Lab File: BM011243.D

Acq: 15 Aug 2017 21:14

Tgt Ion:	244	Resp:	2968129
Ion Ratio	Lower	Upper	
244	100		
212	8.5	4.9	7.3#
122	6.4	6.2	9.4





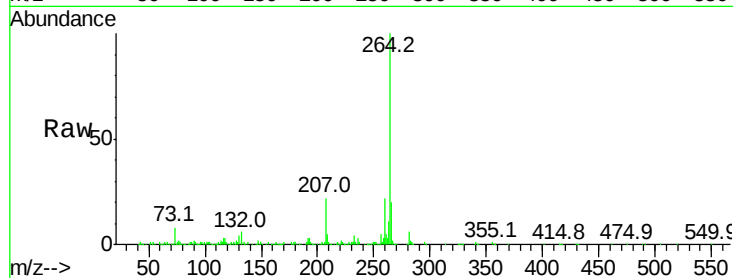
#86
Pervlene-d12
Concen: 20.000 ng
RT: 23.01 min Scan# 3439
Delta R.T. -0.01 min
Lab File: BM011243.D
Acq: 15 Aug 2017 21:14

Instrument :
BNA_M
ClientSampleId :
EO-02-081417-A

Tot Ion	Ratio	Resp	Lower	Upper
264	100			
260	21.6	18.6	27.8	
265	20.2	17.3	25.9	

Manual Integrations
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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

