

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA M\DATA\BM030718\
 Data File : BM014501.D
 Acq On : 06 Mar 2018 16:59
 Operator : SJ/JU
 Sample : J1797-03
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SI-3

Manual Integrations
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Quant Time: Mar 07 04:23:03 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM020718.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 07 17:16:49 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.50	152	105186	20.00	ng	-0.04
21) Naphthalene-d8	10.27	136	390643	20.00	ng	-0.04
38) Acenaphthene-d10	14.17	164	210982	20.00	ng	-0.03
63) Phenanthrene-d10	16.93	188	434306	20.00	ng	-0.02
75) Chrysene-d12	21.15	240	380973	20.00	ng	-0.02
86) Perylene-d12	23.33	264	349640	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.14	112	782537	129.67	ng	-0.02
7) Phenol-d6	6.72	99	987662	115.56	ng	-0.02
23) Nitrobenzene-d5	8.67	82	746818	85.39	ng	-0.04
41) 2,4,6-Tribromophenol	15.69	330	314469	105.04	ng	-0.02
44) 2-Fluorobiphenyl	12.77	172	1366834	80.87	ng	-0.04
78) Terphenyl-d14	19.58	244	1541041	79.04	ng	-0.02
Target Compounds						Qvalue
59) Diethylphthalate	15.01	149	69631	3.321	ng	99
70) Phenanthrene	16.97	178	220410	8.413	ng	99
73) Di-n-butylphthalate	17.90	149	756854	24.646	ng	# 96
74) Fluoranthene	19.01	202	189635	6.148	ng	97
77) Pyrene	19.37	202	164033	6.198	ng	95
80) Benzo(a)anthracene	21.13	228	79000m	3.191	ng	
82) Chrysene	21.19	228	67898m	2.827	ng	
87) Benzo(b)fluoranthene	22.69	252	69413m	2.861	ng	
89) Benzo(a)pyrene	23.24	252	52468	2.454	ng	94

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

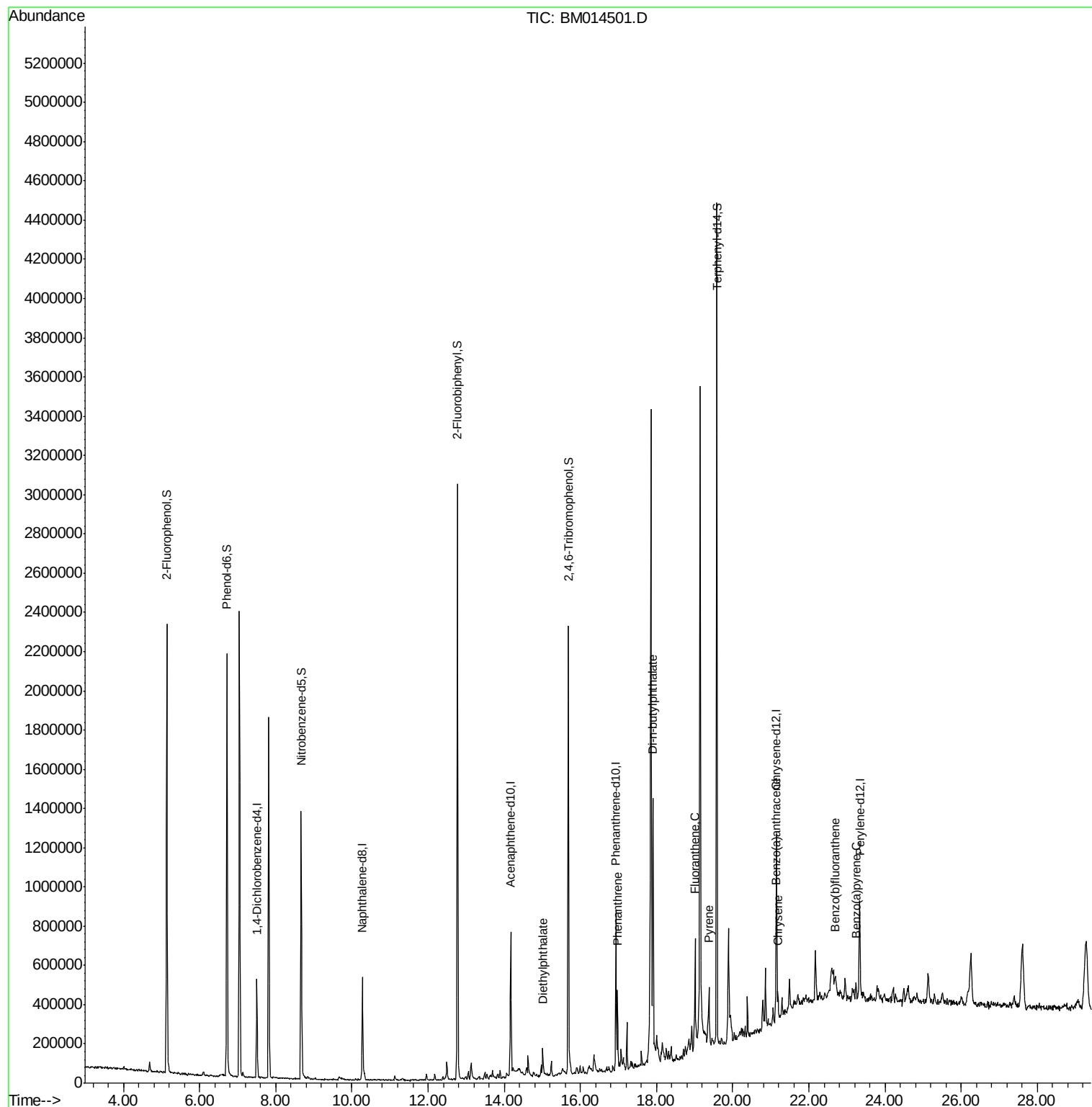
Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA M\DATA\BM030718\
Data File : BM014501.D
Acq On : 06 Mar 2018 16:59
Operator : SJ/JU
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Misc :
ALS Vial : 3 Sample Multiplier: 1

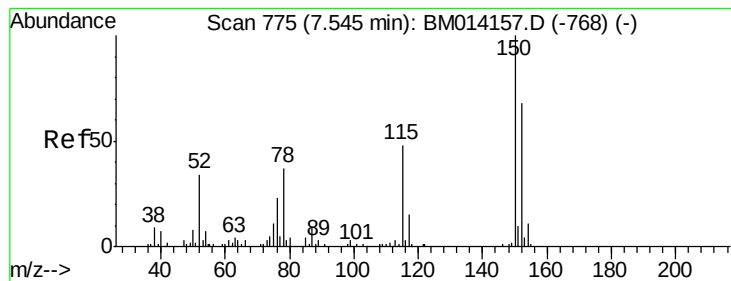
Instrument :
BNA_M
ClientSampleId :
SI-3

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Quant Time: Mar 07 04:23:03 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM020718.M
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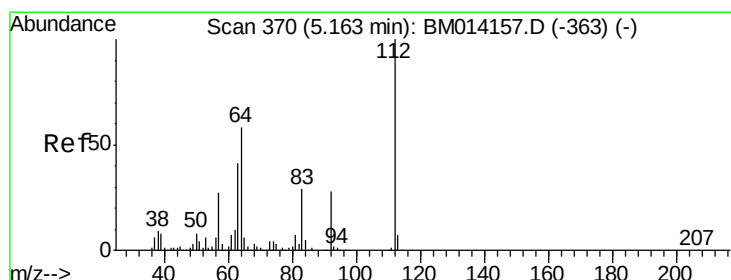
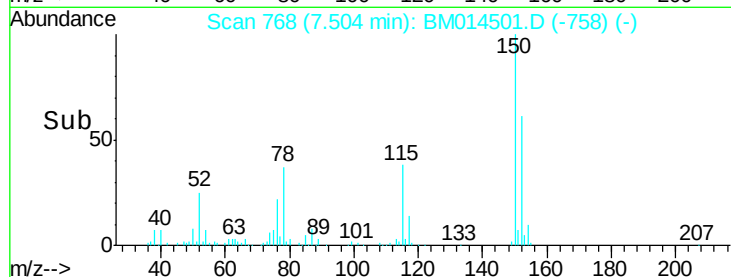
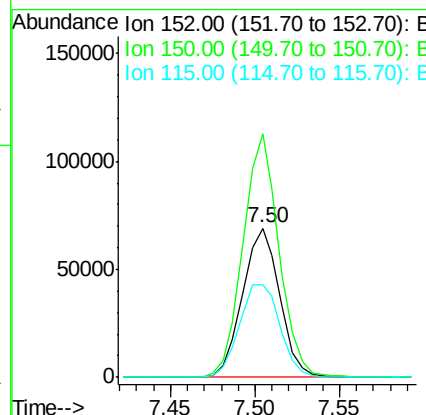
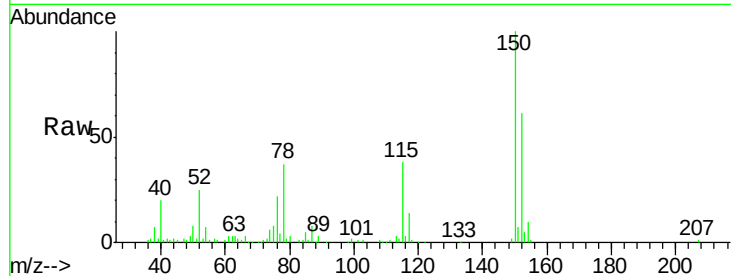
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.50 min Scan# 768
 Delta R.T. -0.04 min
 Lab File: BM014501.D
 Acq: 06 Mar 2018 16:59

Instrument :
 BNA_M
 ClientSampled :
 SI-3

Tot Ion	Ratio	Lower	Upper
152	100		
150	163.4	119.5	179.3
115	62.4	43.0	64.4

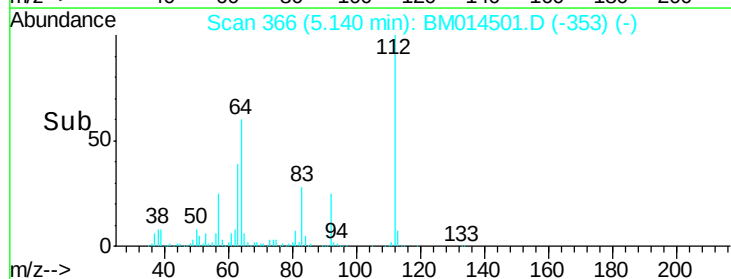
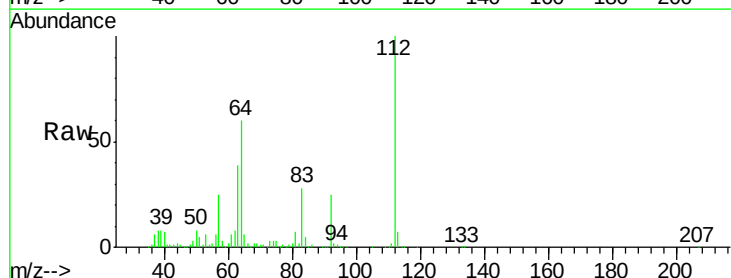
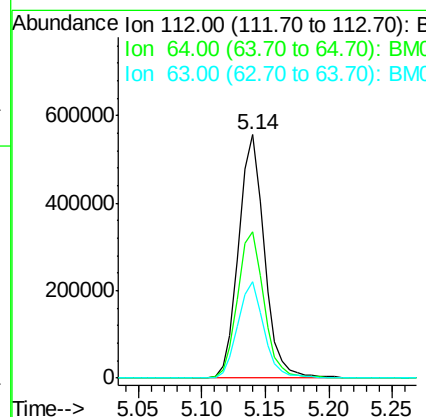
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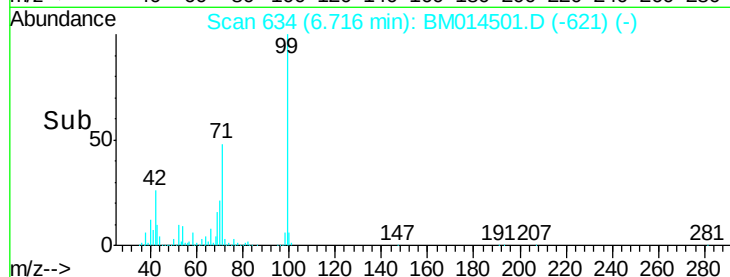
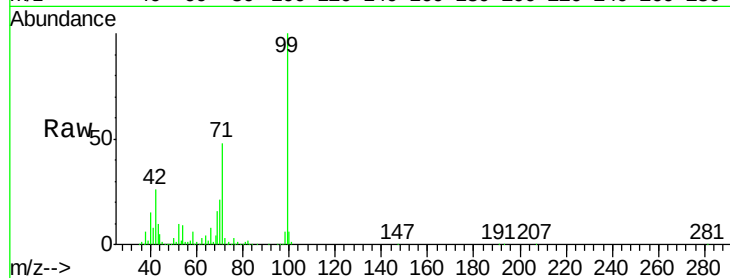
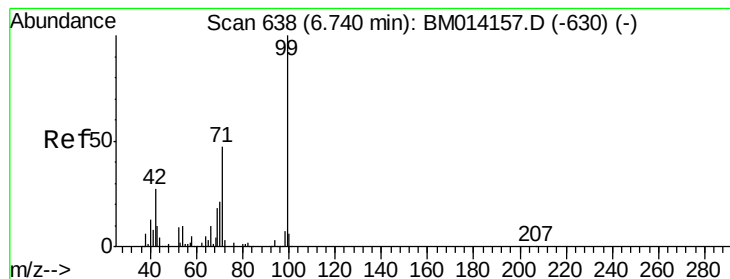
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#5
 2-Fluorophenol
 Concen: 129.670 ng
 RT: 5.14 min Scan# 366
 Delta R.T. -0.02 min
 Lab File: BM014501.D
 Acq: 06 Mar 2018 16:59

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.1	38.6	57.8#
63	39.5	19.3	28.9#





#7

Phenol-d6

Concen: 115.556 ng

RT: 6.72 min Scan# 634

Delta R.T. -0.02 min

Lab File: BM014501.D

Acq: 06 Mar 2018 16:59

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		987662		
42	25.8	11.0	16.4#		
71	47.7	23.4	35.2#		

Instrument :

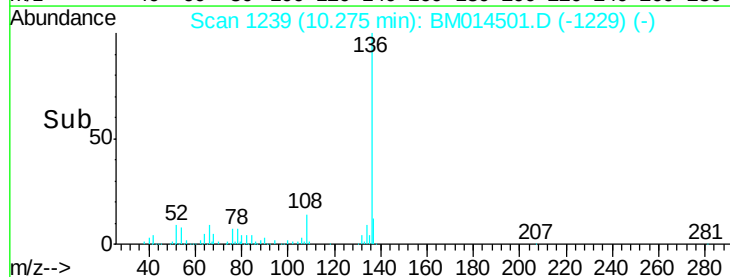
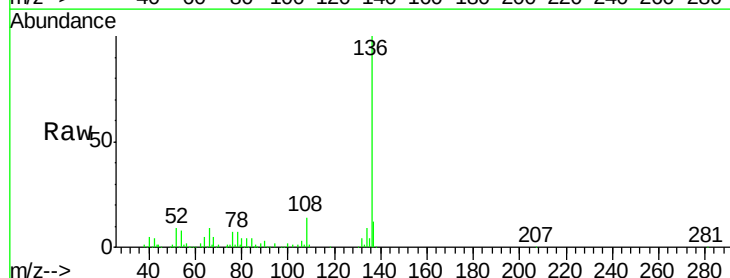
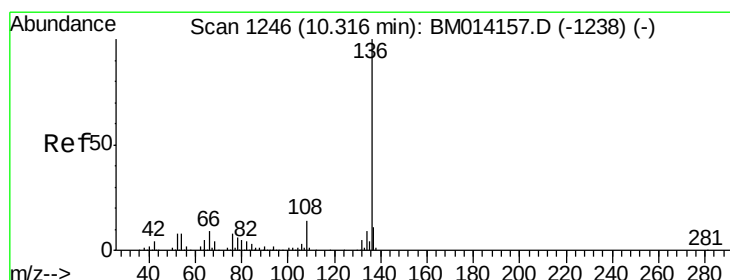
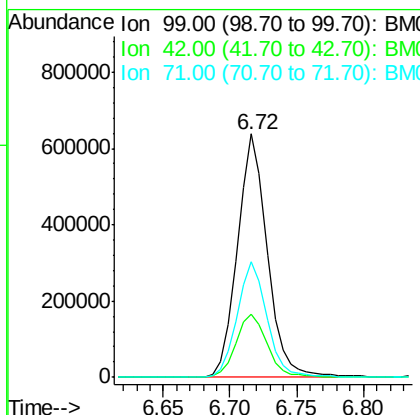
BNA_M

ClientSampled :

SI-3

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#21

Naphthalene-d8

Concen: 20.000 ng

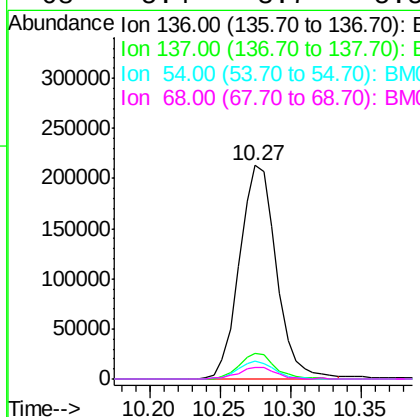
RT: 10.27 min Scan# 1239

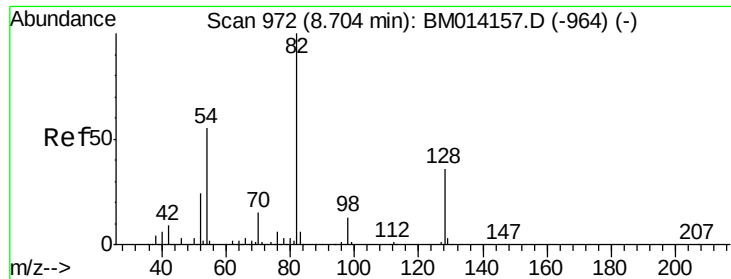
Delta R.T. -0.04 min

Lab File: BM014501.D

Acq: 06 Mar 2018 16:59

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136	100		390643		
137	12.2	8.7	13.1		
54	8.1	4.6	6.8#		
68	5.4	3.7	5.5		





#23

Nitrobenzene-d5

Concen: 85.394 ng

RT: 8.67 min Scan# 966

Delta R.T. -0.04 min

Lab File: BM014501.D

Acq: 06 Mar 2018 16:59

Instrument :

BNA_M

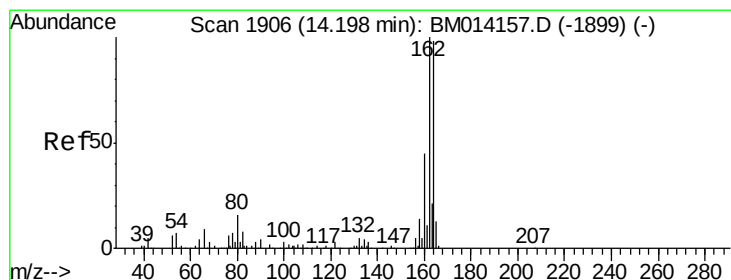
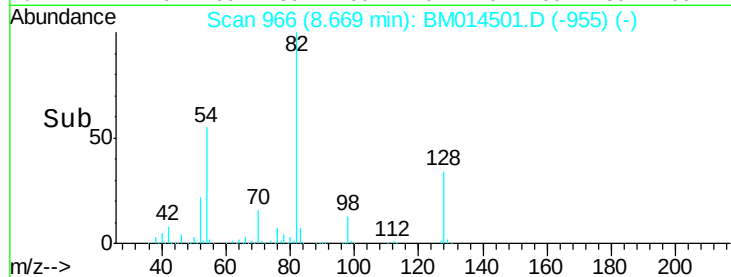
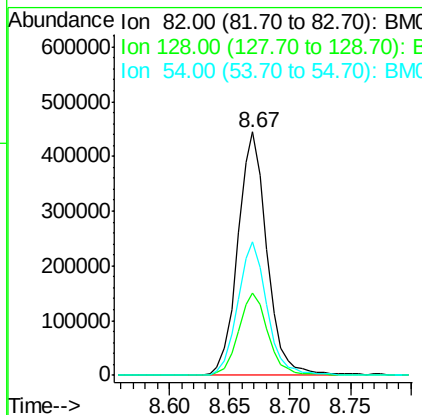
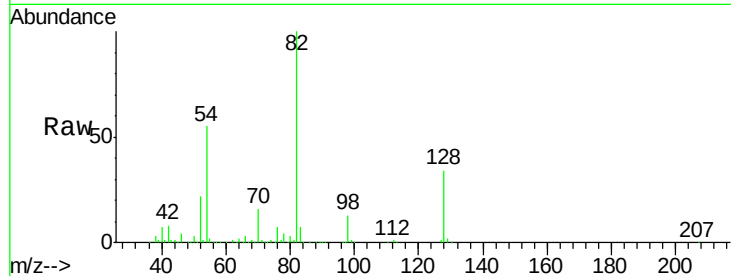
ClientSampled :

SI-3

Tot Ion:	82	Resp:	746818
Ion Ratio	Lower	Upper	
82	100		
128	33.7	32.8	49.2
54	54.9	40.6	60.8

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#38

Acenaphthene-d10

Concen: 20.000 ng

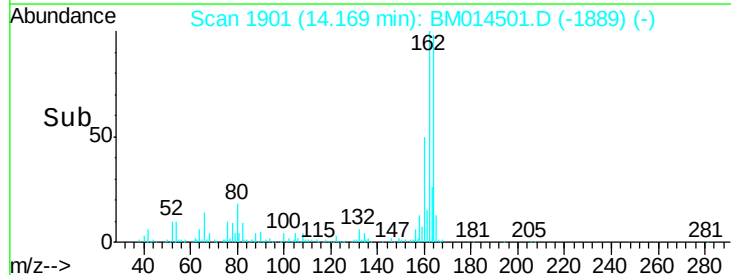
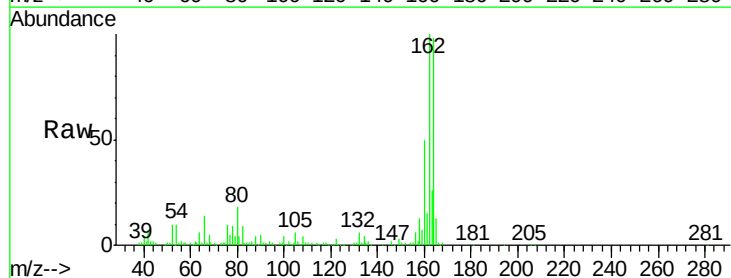
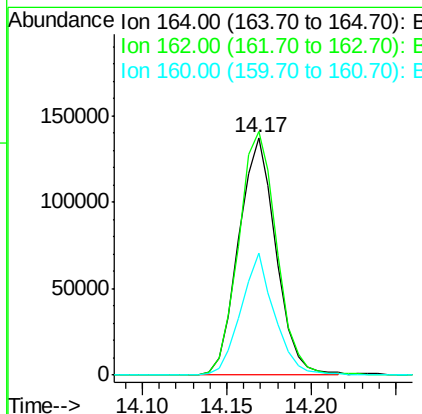
RT: 14.17 min Scan# 1901

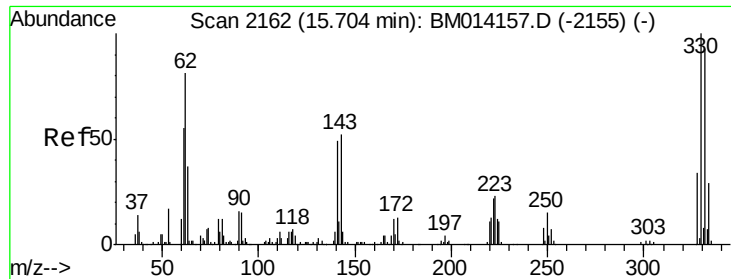
Delta R.T. -0.03 min

Lab File: BM014501.D

Acq: 06 Mar 2018 16:59

Tgt Ion:	164	Resp:	210982
Ion Ratio	Lower	Upper	
164	100		
162	102.5	82.4	123.6
160	51.2	35.8	53.6





#41

2,4,6-Tribromophenol

Concen: 105.041 ng

RT: 15.69 min Scan# 2159

Delta R.T. -0.02 min

Lab File: BM014501.D

Acq: 06 Mar 2018 16:59

Instrument :

BNA_M

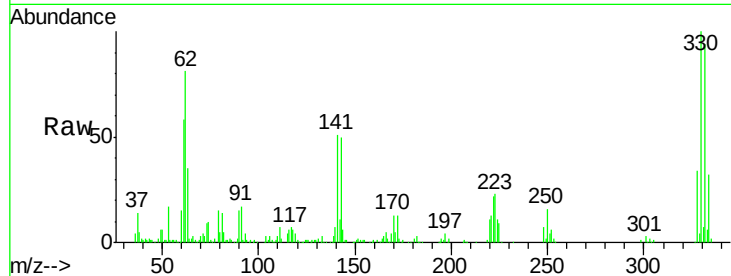
ClientSampled :

SI-3

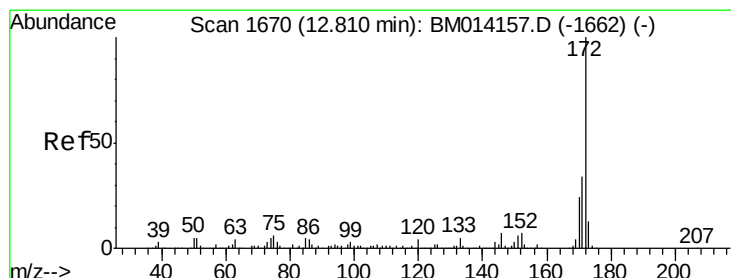
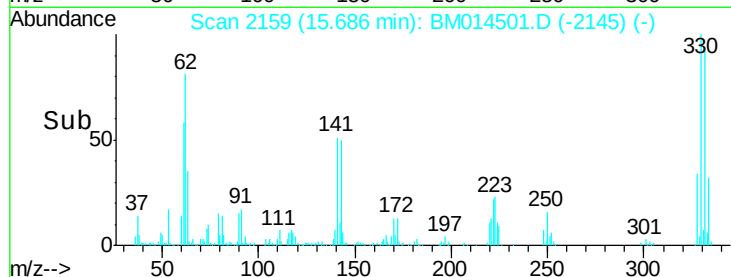
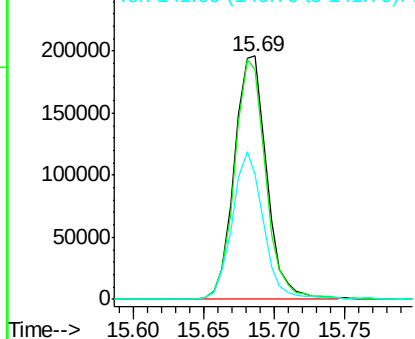
Tot Ion:	330	Resp:	314469
Ion Ratio	Lower	Upper	
330	100		
332	94.6	0.0	0.0#
141	57.7	0.0	0.0#

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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: 80.871 ng

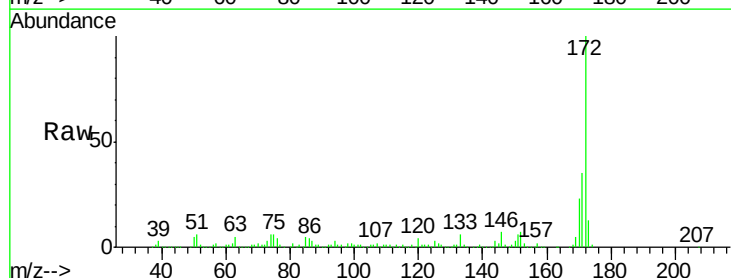
RT: 12.77 min Scan# 1664

Delta R.T. -0.04 min

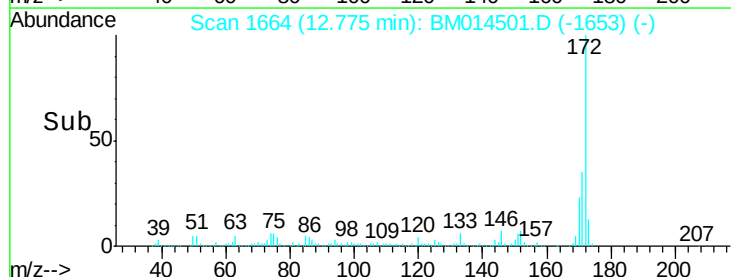
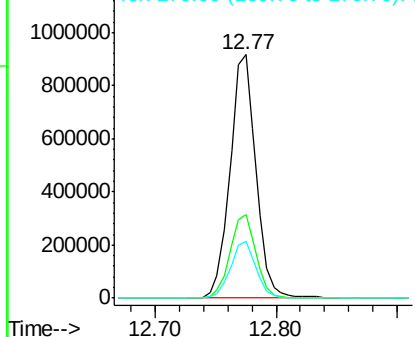
Lab File: BM014501.D

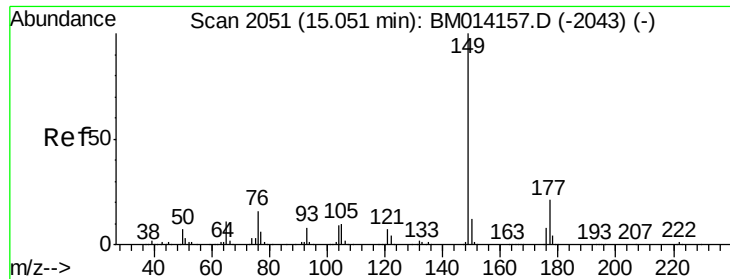
Acq: 06 Mar 2018 16:59

Tgt Ion:	172	Resp:	1366834
Ion Ratio	Lower	Upper	
172	100		
171	34.5	28.5	42.7
170	23.1	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





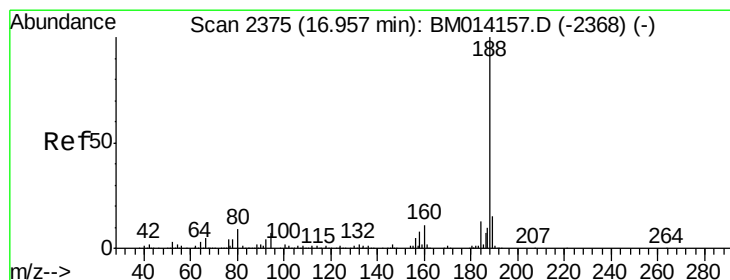
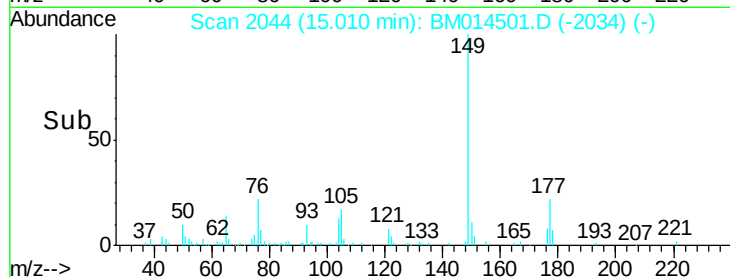
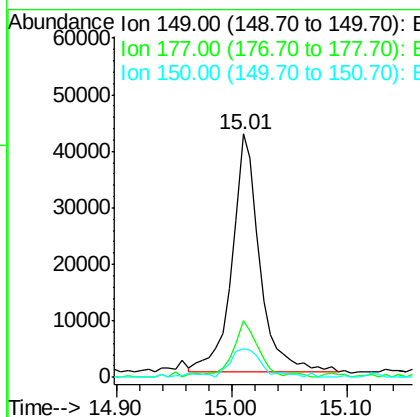
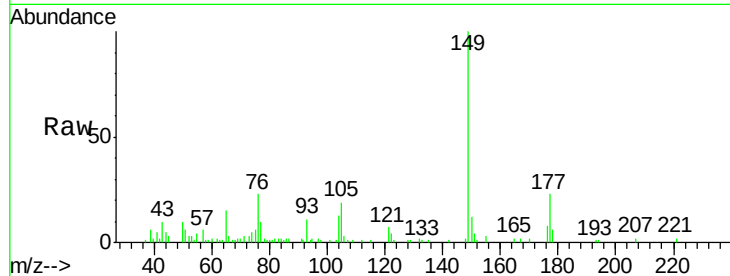
#59
Diethylphthalate
Concen: 3.321 ng
RT: 15.01 min Scan# 2044
Delta R.T. -0.04 min
Lab File: BM014501.D
Acq: 06 Mar 2018 16:59

Instrument :
BNA_M
ClientSampled :
SI-3

Tot Ion	Ratio	Lower	Upper
149	100		
177	23.4	18.3	27.5
150	11.6	9.8	14.8

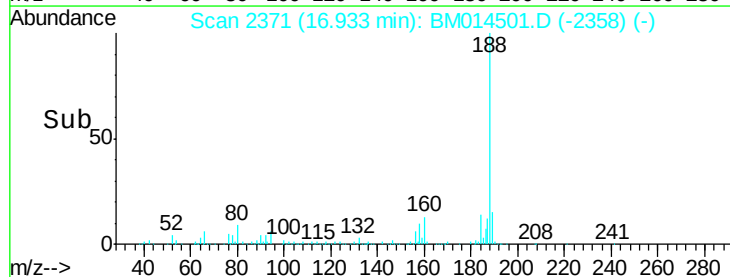
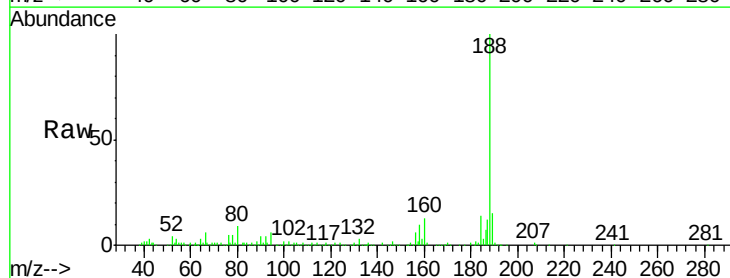
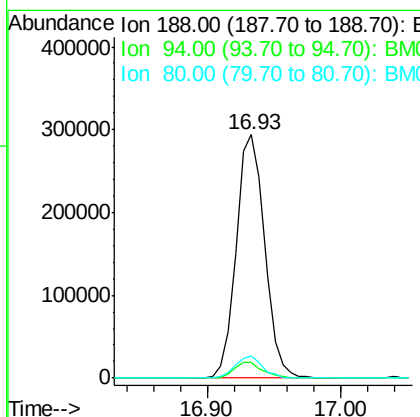
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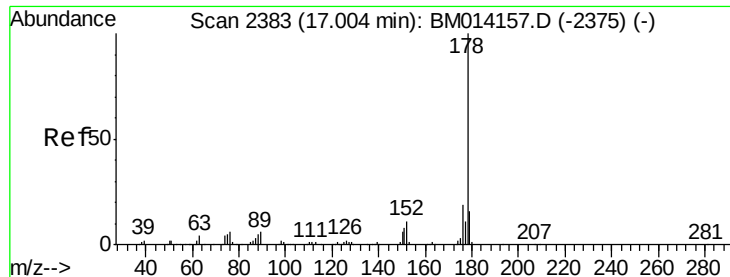
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#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.93 min Scan# 2371
Delta R.T. -0.02 min
Lab File: BM014501.D
Acq: 06 Mar 2018 16:59

Tgt Ion	Ratio	Lower	Upper
188	100		
94	6.5	8.7	13.1#
80	8.9	9.3	13.9#





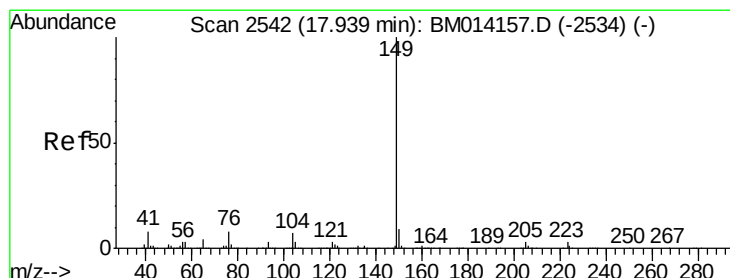
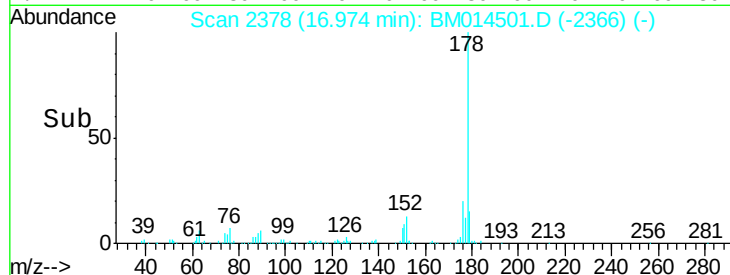
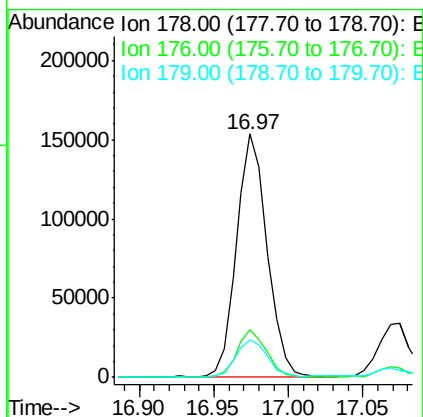
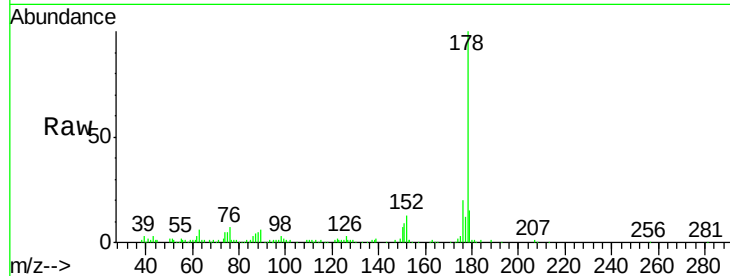
#70
Phenanthrene
Concen: 8.413 ng
RT: 16.97 min Scan# 2378
Delta R.T. -0.03 min
Lab File: BM014501.D
Acq: 06 Mar 2018 16:59

Instrument :
BNA_M
ClientSampleId :
SI-3

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.8	15.2	22.8
179	15.4	12.1	18.1

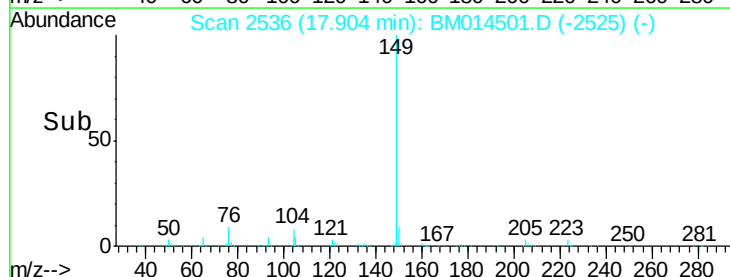
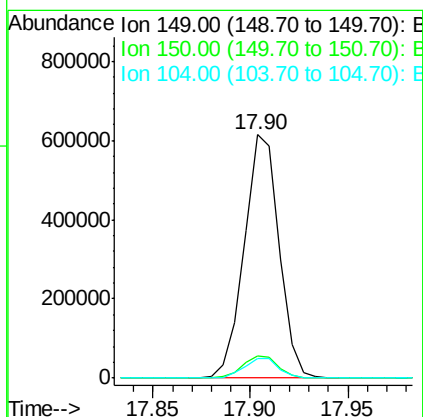
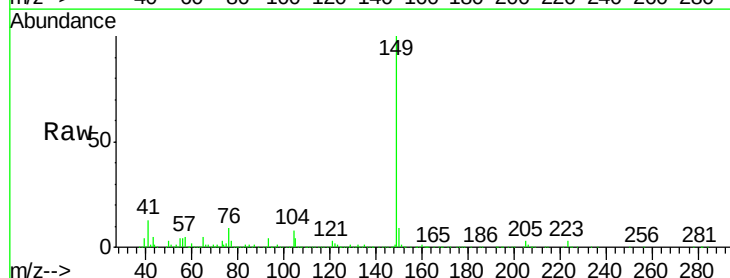
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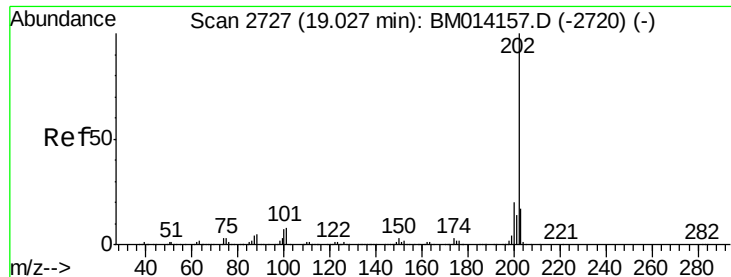
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#73
Di-n-butylphthalate
Concen: 24.646 ng
RT: 17.90 min Scan# 2536
Delta R.T. -0.04 min
Lab File: BM014501.D
Acq: 06 Mar 2018 16:59

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.5	11.3
104	8.3	3.7	5.5





#74

Fluoranthene

Concen: 6.148 ng

RT: 19.01 min Scan# 2724

Delta R.T. -0.02 min

Lab File: BM014501.D

Acq: 06 Mar 2018 16:59

Instrument :

BNA_M

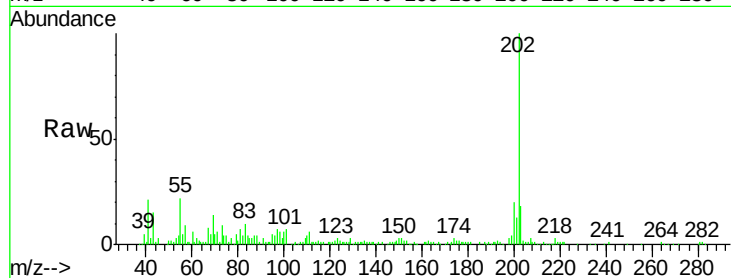
ClientSampled :

SI-3

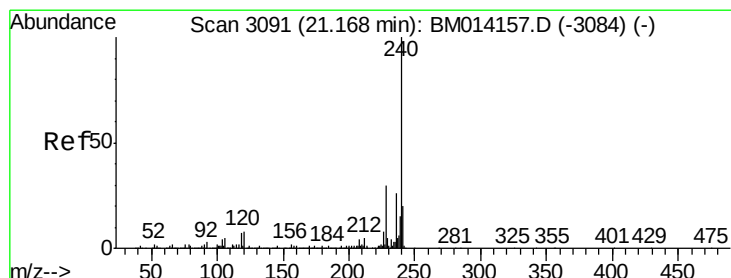
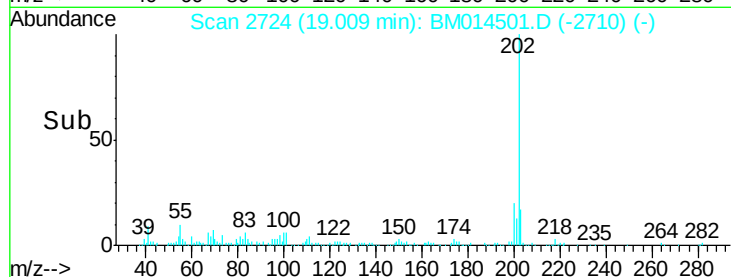
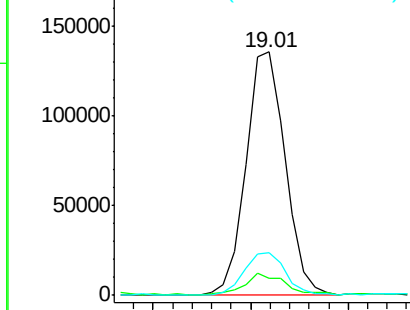
Tot Ion:	202	Resp:	189635
Ion Ratio		Lower	Upper
202	100		
101	6.9	0.0	28.7
203	17.8	0.0	37.2

Manual Integrations
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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.15 min Scan# 3088

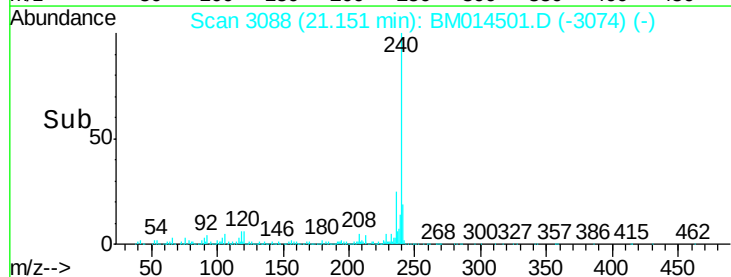
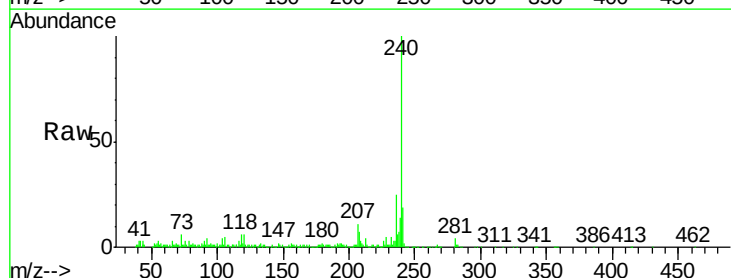
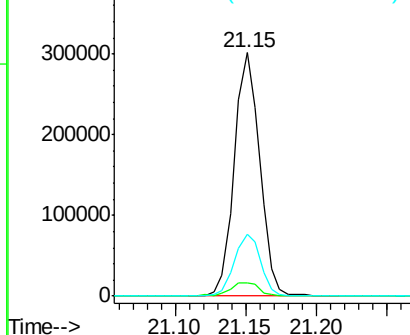
Delta R.T. -0.02 min

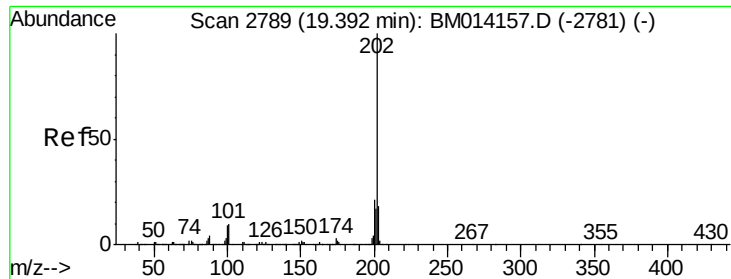
Lab File: BM014501.D

Acq: 06 Mar 2018 16:59

Tgt Ion:	240	Resp:	380973
Ion Ratio		Lower	Upper
240	100		
120	5.7	8.2	12.2#
236	25.3	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





#77

Pvrene

Concen: 6.198 ng

RT: 19.37 min Scan# 2786

Delta R.T. -0.02 min

Lab File: BM014501.D

Acq: 06 Mar 2018 16:59

Instrument :

BNA_M

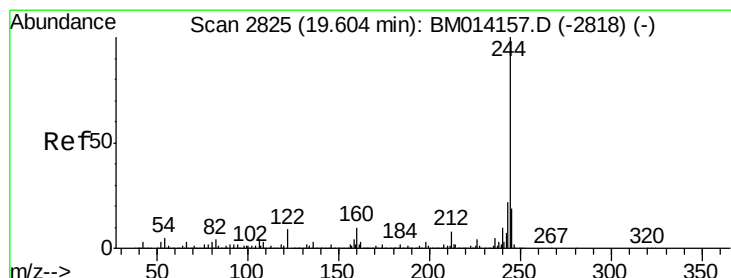
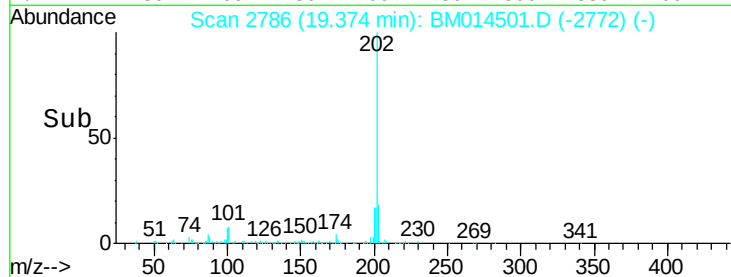
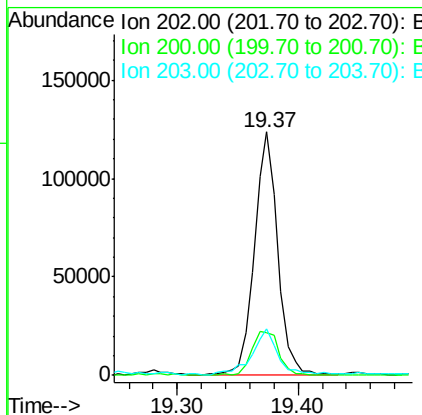
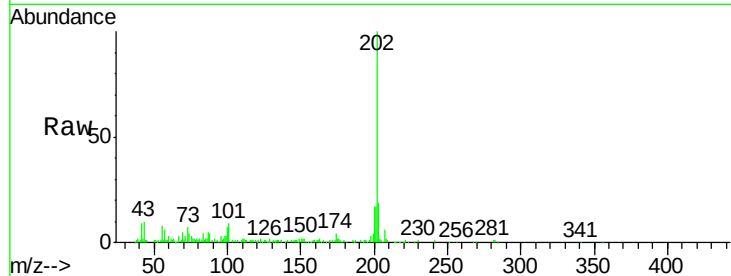
ClientSampled :

SI-3

Tot Ion:	202	Resp:	164033
Ion Ratio	Lower	Upper	
202	100		
200	17.5	16.9	25.3
203	18.8	14.1	21.1

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#78

Terphenyl-d14

Concen: 79.037 ng

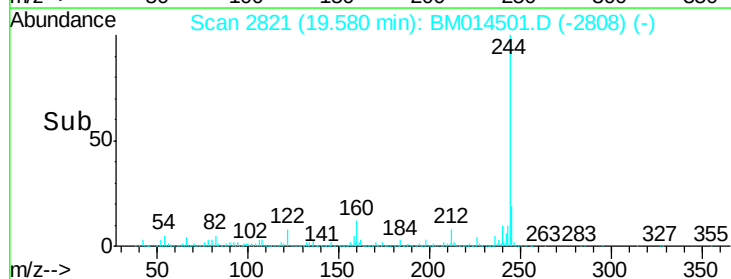
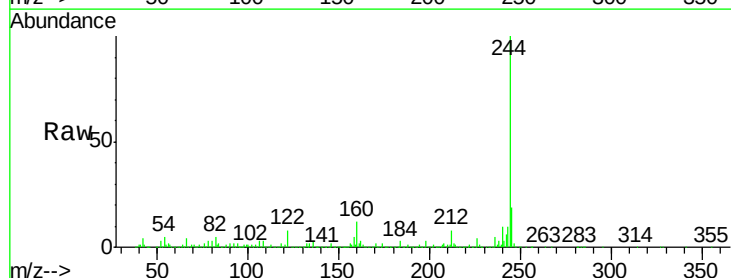
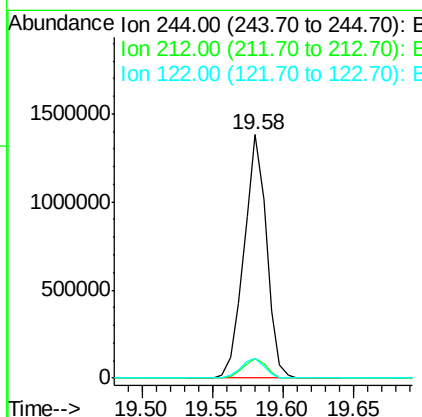
RT: 19.58 min Scan# 2821

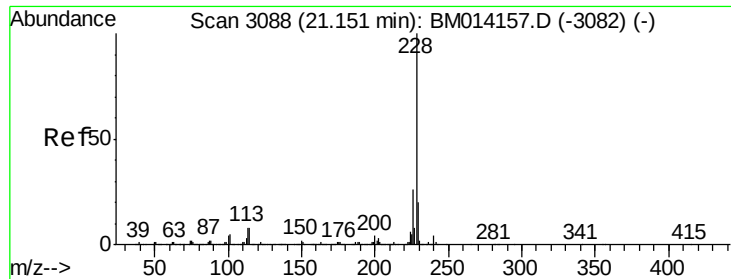
Delta R.T. -0.02 min

Lab File: BM014501.D

Acq: 06 Mar 2018 16:59

Tgt Ion:	244	Resp:	1541041
Ion Ratio	Lower	Upper	
244	100		
212	8.3	4.9	7.3#
122	8.0	6.2	9.4





#80

Benzo(a)anthracene

Concen: 3.191 ng m

RT: 21.13 min Scan# 3085

Delta R.T. -0.02 min

Lab File: BM014501.D

Acq: 06 Mar 2018 16:59

Instrument :

BNA_M

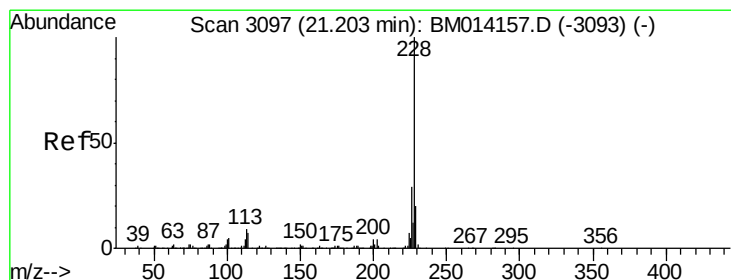
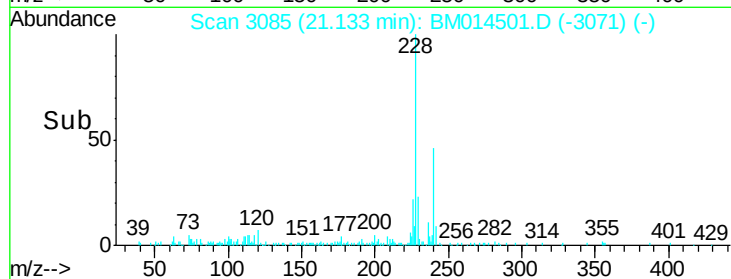
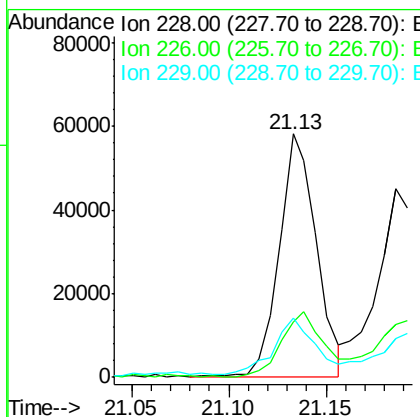
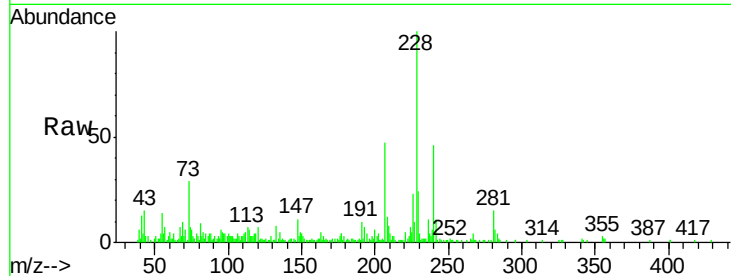
ClientSampled :

SI-3

Tot Ion:	228	Resp:	79000
Ion Ratio	Lower	Upper	
228	100		
226	22.9	21.7	32.5
229	24.5	16.0	24.0#

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#82

Chrysene

Concen: 2.827 ng m

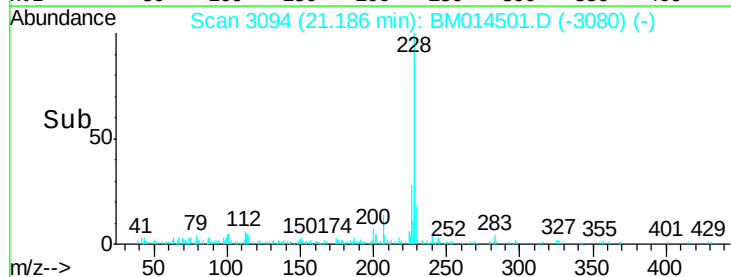
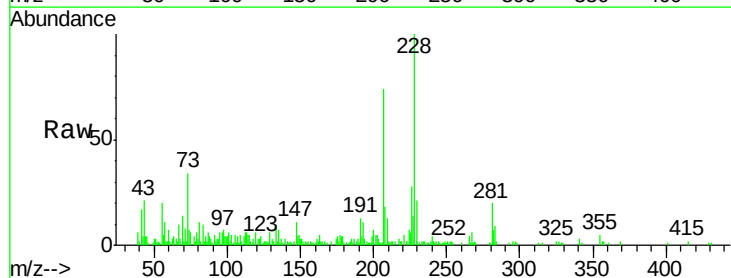
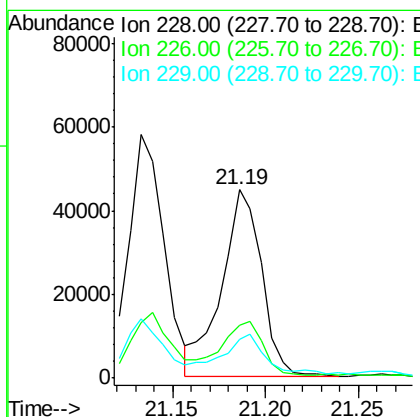
RT: 21.19 min Scan# 3094

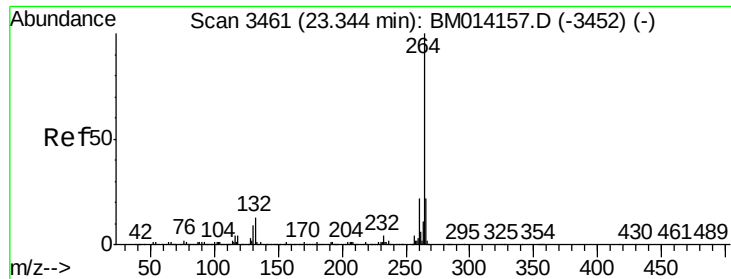
Delta R.T. -0.02 min

Lab File: BM014501.D

Acq: 06 Mar 2018 16:59

Tgt Ion:	228	Resp:	67898
Ion Ratio	Lower	Upper	
228	100		
226	28.0	24.1	36.1
229	20.5	15.5	23.3





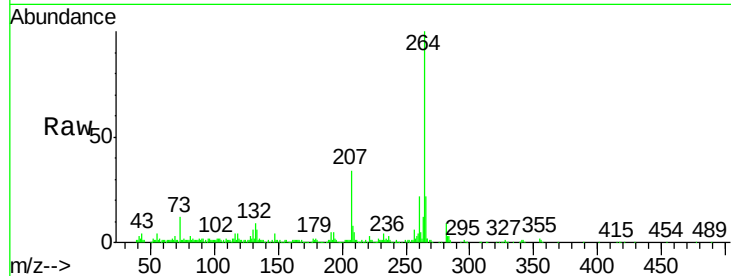
#86
Pervlene-d12
Concen: 20.000 ng
RT: 23.33 min Scan# 3459
Delta R.T. -0.01 min
Lab File: BM014501.D
Acq: 06 Mar 2018 16:59

Instrument :
BNA_M
ClientSampled :
SI-3

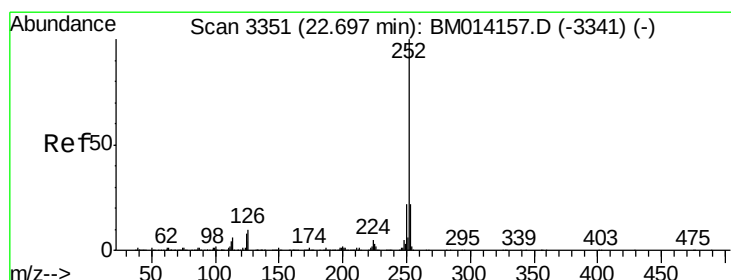
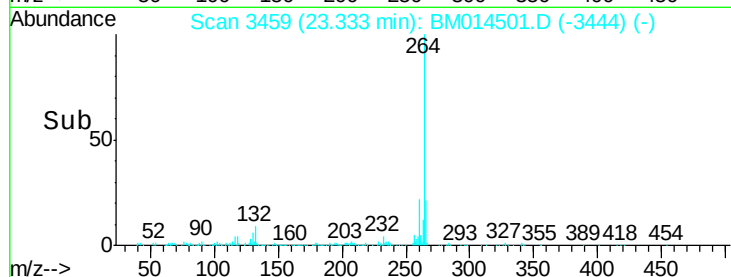
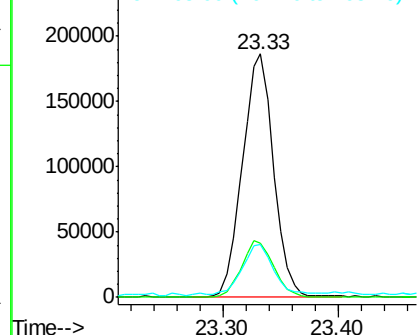
Tot Ion	Ratio	Lower	Upper
264	100		
260	22.3	18.6	27.8
265	21.6	17.3	25.9

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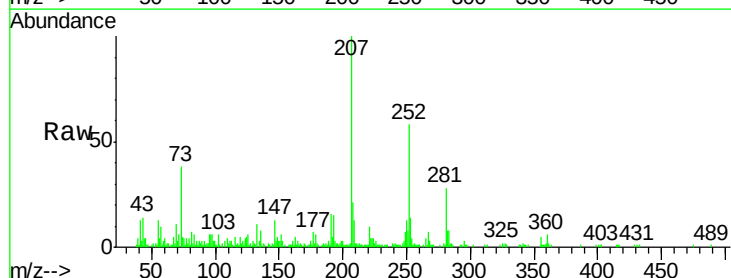


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

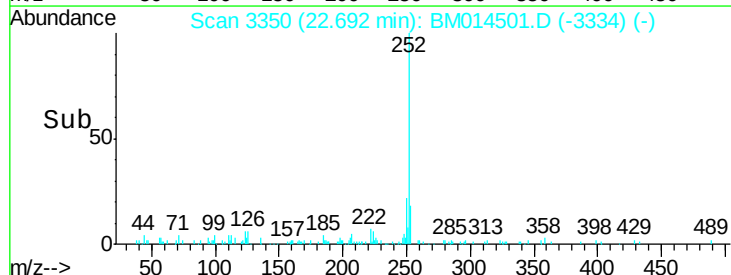
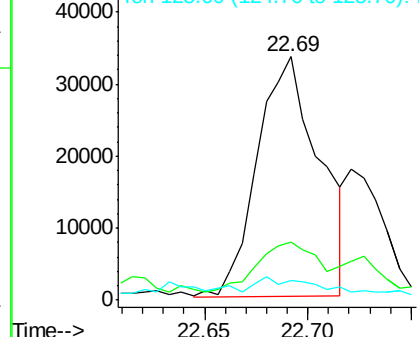


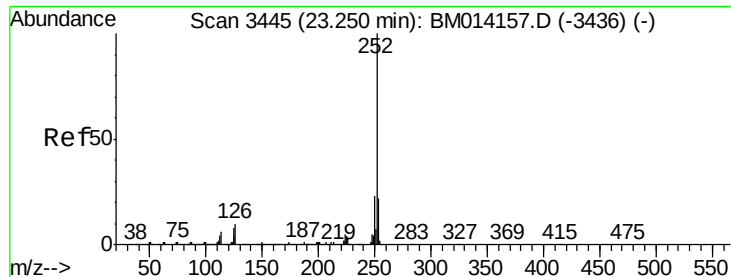
#87
Benzo(b)fluoranthene
Concen: 2.861 ng m
RT: 22.69 min Scan# 3350
Delta R.T. -0.01 min
Lab File: BM014501.D
Acq: 06 Mar 2018 16:59

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.1	18.0	27.0
125	8.0	9.9	14.9#



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 2.454 ng

RT: 23.24 min Scan# 3443

Delta R.T. -0.01 min

Lab File: BM014501.D

Acq: 06 Mar 2018 16:59

Instrument :

BNA_M

ClientSampleId :

SI-3

Tot Ion:	252	Resp:	52468
Ion Ratio	Lower	Upper	
252	100		
253	25.4	17.6	26.4
125	10.5	7.4	11.2

Manual Integrations
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