

Data Path : Z:\HPCHEM1\BNA M\DATA\BM103017\
 Data File : BM012591.D
 Acq On : 31 Oct 2017 01:48
 Operator : SJ/JU
 Sample : I5886-09MSD
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 ESNE7MSD

Manual Integrations
 APPROVED

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 10/31/2017 7:47:27 PM

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Quant Time: Oct 31 05:16:51 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM102417.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Oct 31 04:46:13 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)	10/31/2017 7:47:27 PM
1) 1,4-Dichlorobenzene-d4	7.86	152	352247	20.00	ng/ul	0.00	
18) Naphthalene-d8	10.65	136	1296417	20.00	ng/ul	0.00	
35) Acenaphthene-d10	14.49	164	734181	20.00	ng/ul	0.00	
61) Phenanthrene-d10	17.23	188	1659904	20.00	ng/ul	0.00	
75) Chrysene-d12	21.40	240	1982718	20.00	ng/ul	0.00	
83) Perylene-d12	23.69	264	2269132	20.00	ng/ul	0.00	
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.35	96	41479	6.01	ng/uL	0.00	
5) Phenol-d5	7.02	99	761789	25.89	ng/ul	0.00	
7) Bis-(2-Chloroethyl)ether-d	7.19	67	465375	26.64	ng/ul	0.00	
9) 2-Chlorophenol-d4	7.39	132	622579	28.25	ng/ul	0.00	
13) 4-Methylphenol-d8	8.56	113	606411	24.11	ng/ul	0.00	
19) Nitrobenzene-d5	9.01	128	292110	35.98	ng/ul	0.00	
22) 2-Nitrophenol-d4	9.73	143	325479	38.91	ng/ul	0.00	
26) 2,4-Dichlorophenol-d3	10.27	165	621593	28.05	ng/ul	0.00	
29) 4-Chloroaniline-d4	10.78	131	384467	16.46	ng/ul	0.00	
43) Dimethylphthalate-d6	13.89	166	1765333	27.52	ng/ul	0.00	
46) Acenaphthylene-d8	14.18	160	2213506	29.18	ng/ul	0.00	
51) 4-Nitrophenol-d4	14.69	143	264045	27.69	ng/ul	0.00	
57) Fluorene-d10	15.47	176	1539975	28.37	ng/ul	0.00	
62) 4,6-Dinitro-2-methylphenol	15.60	200	246613	30.70	ng/ul	0.00	
70) Anthracene-d10	17.33	188	2292155	28.98	ng/ul	0.00	
76) Pyrene-d10	19.62	212	2593590	28.51	ng/ul	0.00	
87) Benzo(a)pyrene-d12	23.55	264	2956722	27.43	ng/ul	0.00	
Target Compounds							
6) Phenol	7.05	94	892133	29.118	ng/ul#	81	
10) 2-Chlorophenol	7.42	128	623684	27.653	ng/ul	99	
15) N-Nitroso-di-n-propylamine	8.66	70	418053	19.386	ng/ul#	62	
33) 4-Chloro-3-methylphenol	11.93	107	620359	25.544	ng/ul	95	
44) Dimethylphthalate	13.94	163	110486	1.741	ng/ul#	99	
49) Acenaphthene	14.55	153	1240688	25.016	ng/ul	99	
52) 4-Nitrophenol	14.70	109	244311	25.255	ng/ul#	81	
54) 2,4-Dinitrotoluene	14.85	165	432555	28.646	ng/ul#	78	
68) Pentachlorophenol	16.88	266	384359	31.951	ng/ul	96	
69) Phenanthrene	17.27	178	352345	3.925	ng/ul	100	
74) Fluoranthene	19.28	202	884316	8.694	ng/ul#	91	
77) Pyrene	19.64	202	3570808	31.670	ng/ul#	92	
80) Benzo(a)anthracene	21.38	228	400401	3.372	ng/ul	97	
82) Chrysene	21.43	228	488975	4.632	ng/ul	97	
85) Benzo(b)fluoranthene	23.00	252	762050	5.433	ng/ul#	98	
86) Benzo(k)fluoranthene	23.04	252	258268m	1.956	ng/ul		
88) Benzo(a)pyrene	23.60	252	447263	3.344	ng/ul#	98	
89) Indeno(1,2,3-cd)pyrene	26.02	276	400498	2.544	ng/ul	98	
91) Benzo(g,h,i)perylene	26.74	276	314850	2.468	ng/ul#	95	

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

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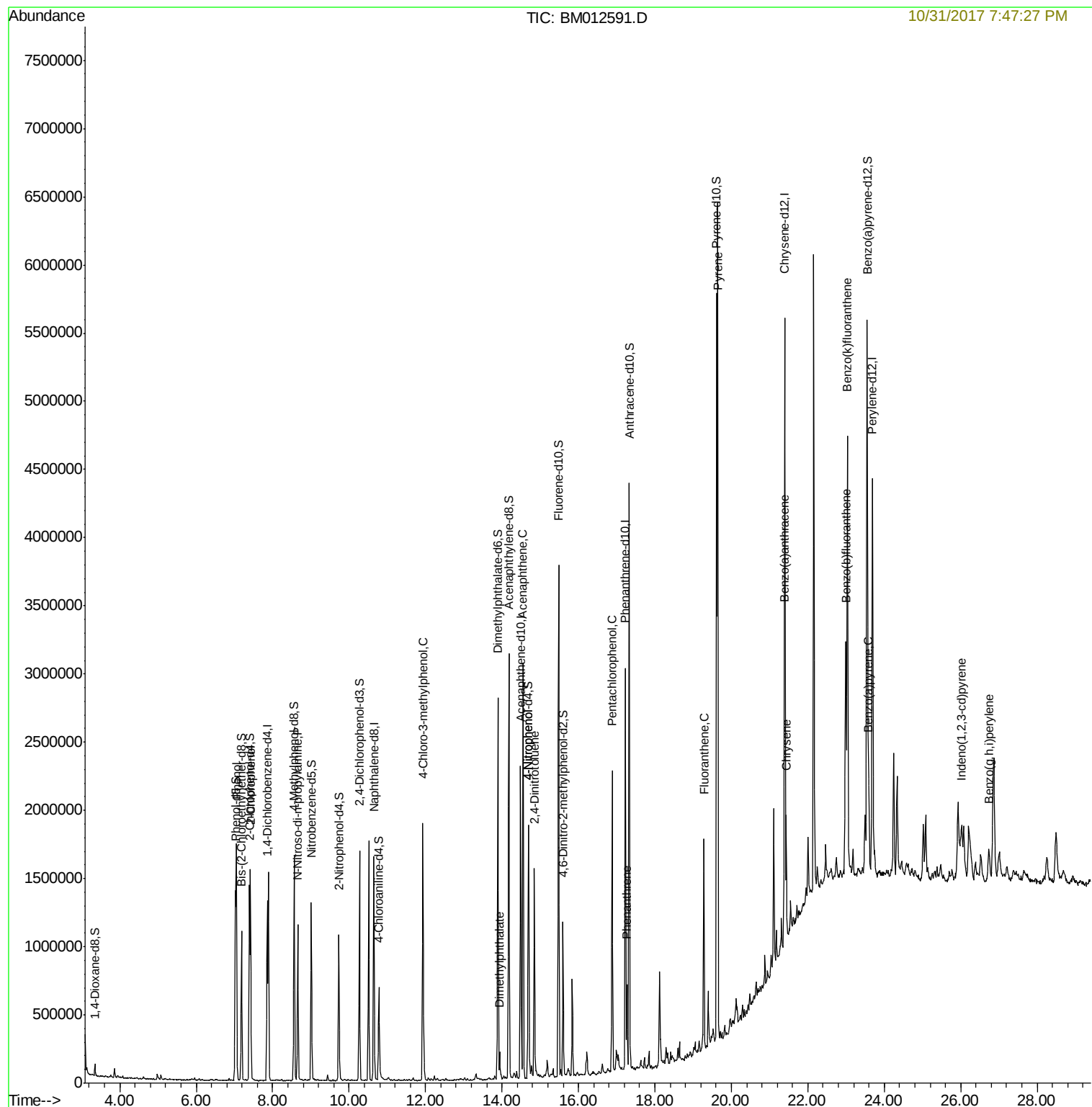
Instrument :
BNA_M
ClientSampleId :
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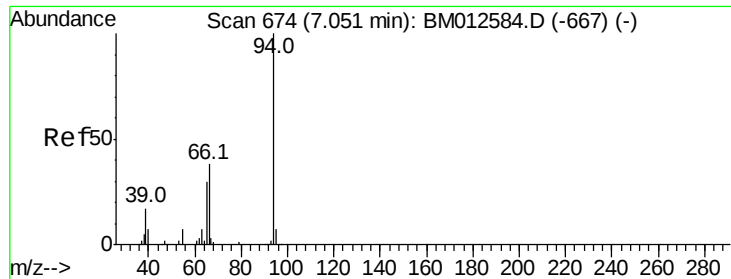
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Quant Title : SVOA CALIBRATION
QLast Update : Tue Oct 31 04:46:13 2017
Response via : Initial Calibration





#6

Phenol

Concen: 29.118 ng/ul

RT: 7.05 min Scan# 674

Delta R.T. 0.00 min

Lab File: BM012591.D

Acq: 31 Oct 2017 01:48

Instrument :

BNA_M

ClientSampleId :

ESNE7MSD

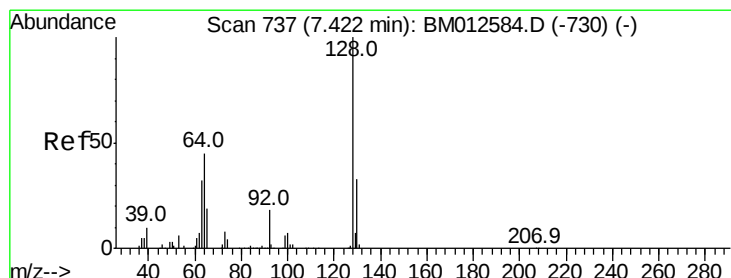
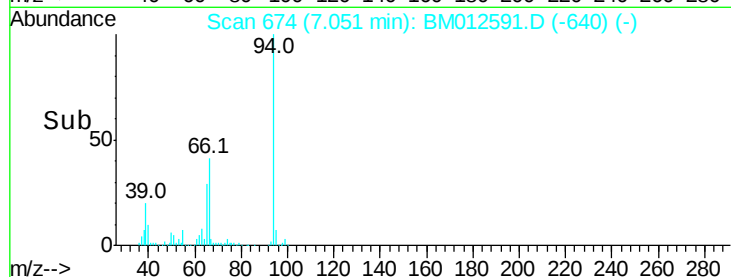
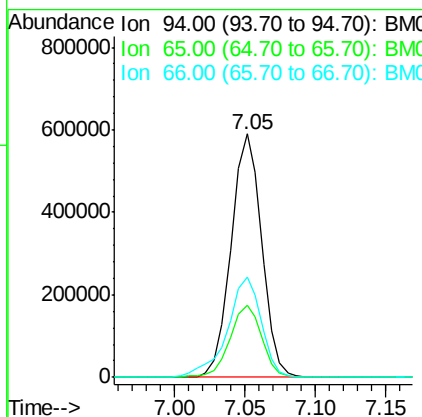
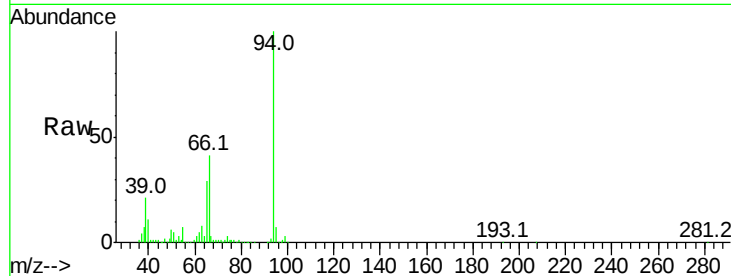
Tot Ion:	94	Resp:	892133
Ion Ratio	Lower	Upper	
94	100		
65	29.5	28.2	42.4
66	41.1	47.2	70.8#

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#10

2-Chlorophenol

Concen: 27.653 ng/ul

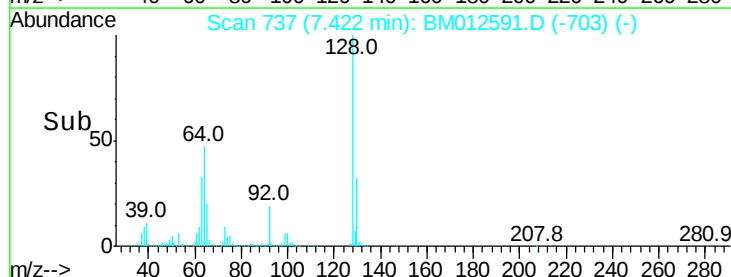
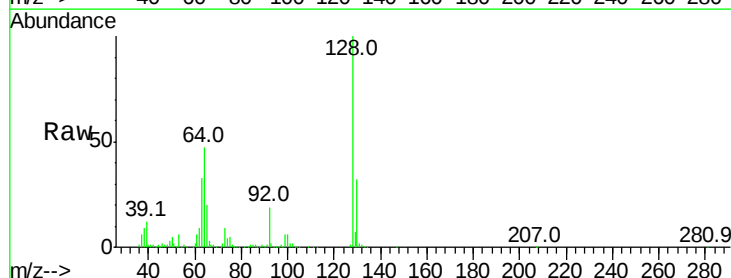
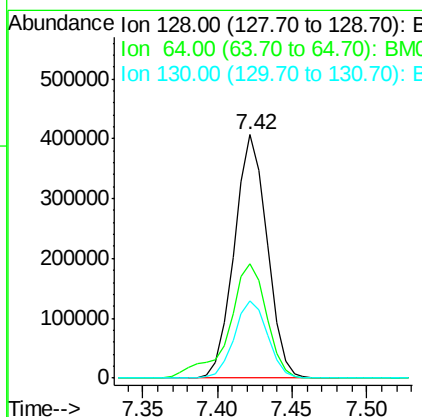
RT: 7.42 min Scan# 737

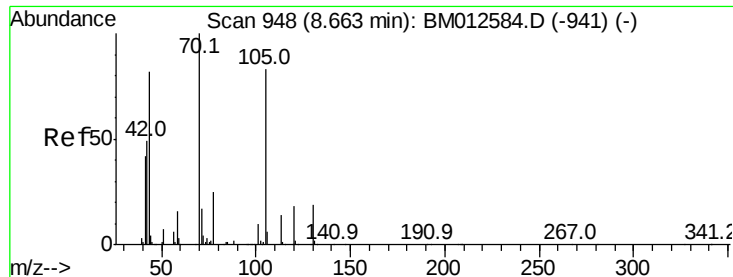
Delta R.T. 0.00 min

Lab File: BM012591.D

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Tgt Ion:	128	Resp:	623684
Ion Ratio	Lower	Upper	
128	100		
64	47.0	38.0	57.0
130	31.6	24.4	36.6





#15

N-Nitroso-di-n-propylamine

Concen: 19.386 ng/ul

RT: 8.66 min Scan# 947

Delta R.T. -0.01 min

Lab File: BM012591.D

Acq: 31 Oct 2017 01:48

Instrument :

BNA_M

ClientSampleId :

ESNE7MSD

Tot Ion: 70 Resp: 418053

Ion Ratio Lower Upper

70 100

42 49.1 76.0 114.0#

101 10.1 6.7 10.1#

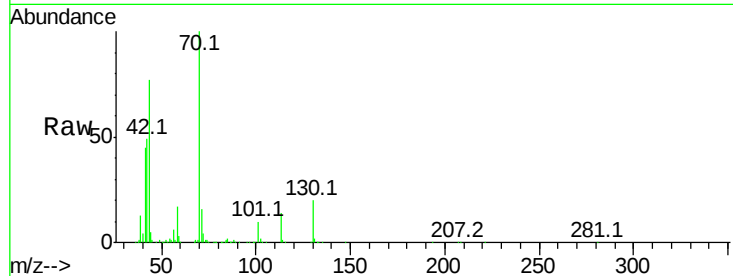
130 20.2 14.6 22.0

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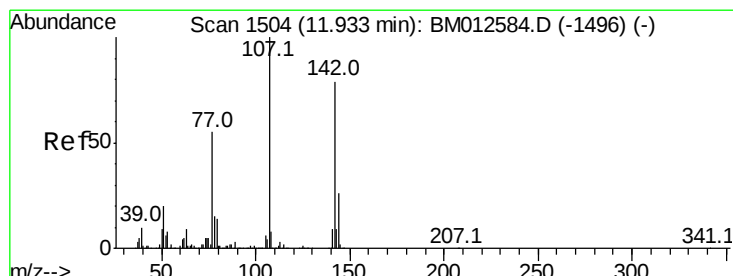
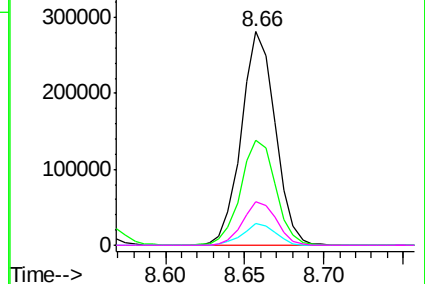
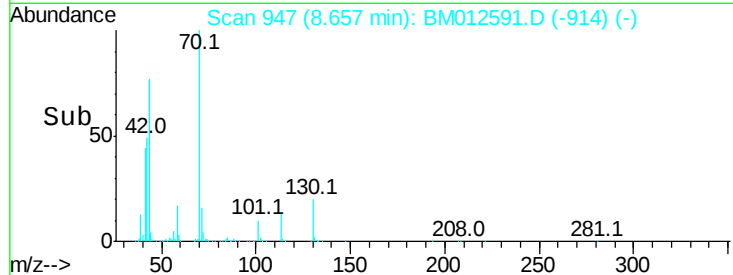
Abundance Ion 70.00 (69.70 to 70.70): BM012584.D (-941) (-)

Ion 42.00 (41.70 to 42.70): BM012584.D (-941) (-)

Ion 101.00 (100.70 to 101.70): BM012584.D (-941) (-)

Ion 130.00 (129.70 to 130.70): BM012584.D (-941) (-)

Time-->



#33

4-Chloro-3-methylphenol

Concen: 25.544 ng/ul

RT: 11.93 min Scan# 1503

Delta R.T. -0.01 min

Lab File: BM012591.D

Acq: 31 Oct 2017 01:48

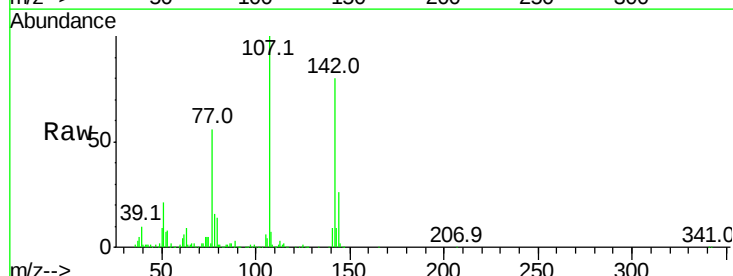
Tgt Ion: 107 Resp: 620359

Ion Ratio Lower Upper

107 100

144 26.4 20.4 30.6

142 80.3 60.5 90.7

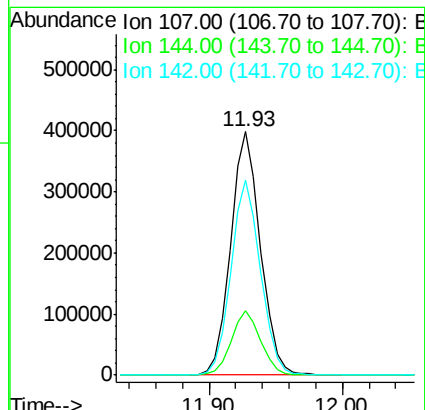
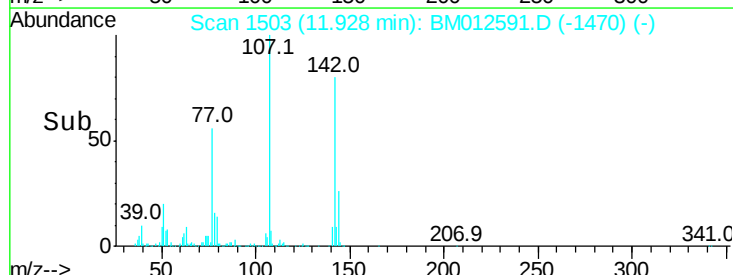


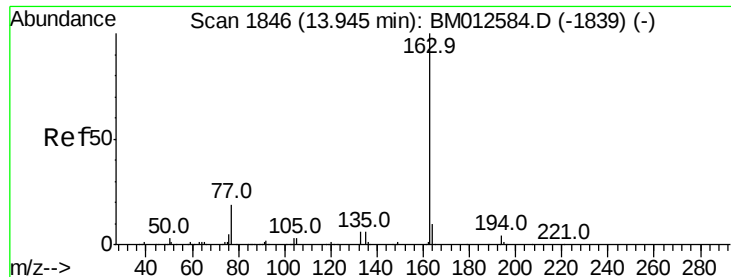
Abundance Ion 107.00 (106.70 to 107.70): BM012584.D (-1496) (-)

Ion 144.00 (143.70 to 144.70): BM012584.D (-1496) (-)

Ion 142.00 (141.70 to 142.70): BM012584.D (-1496) (-)

Time-->





#44
Dimethylphthalate
Concen: 1.741 ng/ul
RT: 13.94 min Scan# 1845
Delta R.T. -0.01 min
Lab File: BM012591.D
Acq: 31 Oct 2017 01:48

Instrument :
BNA_M
ClientSampleId :
ESNE7MSD

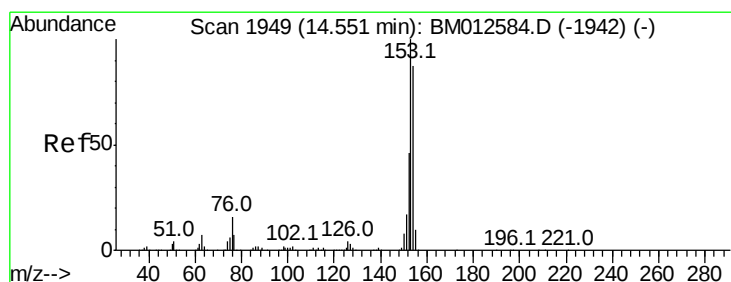
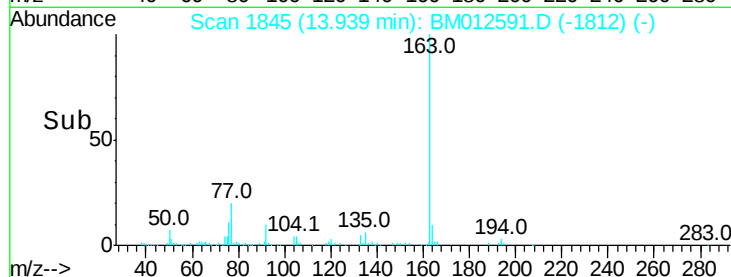
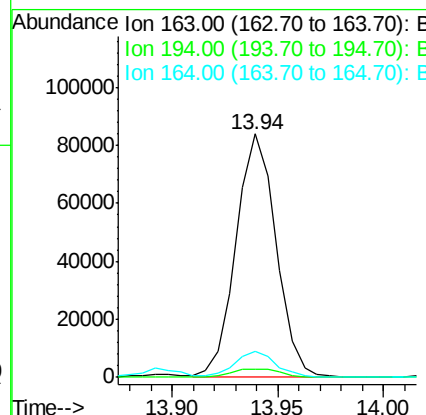
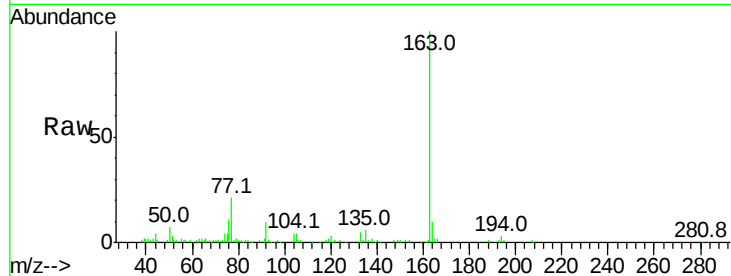
Tot Ion	Ratio	Lower	Upper
163	100		
194	3.5	3.5	5.3#
164	10.5	8.2	12.4

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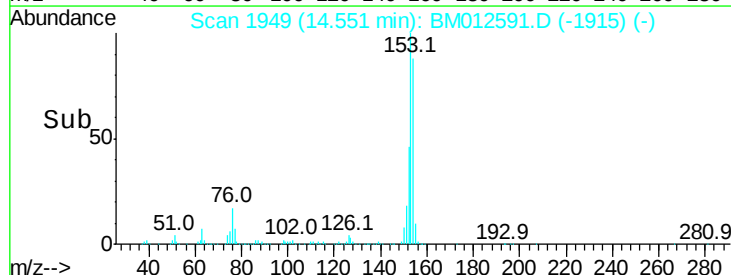
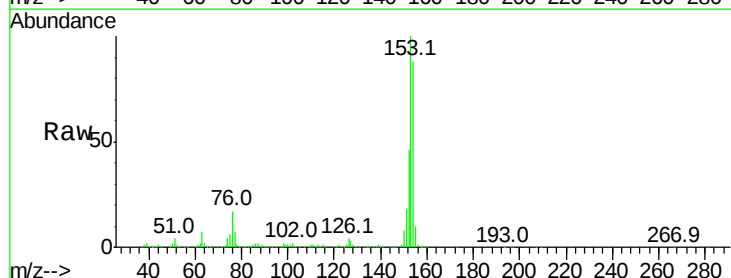
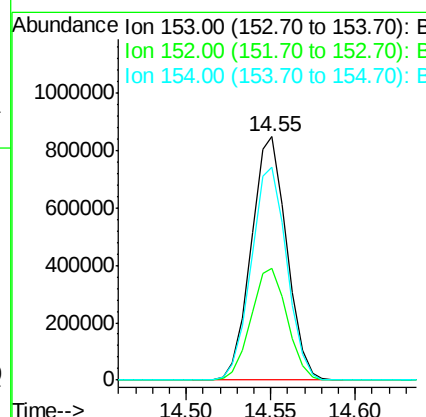
Sohil

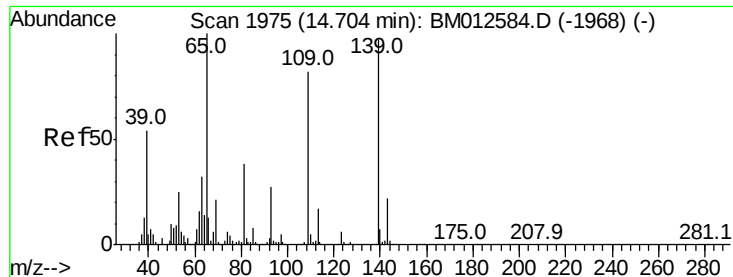
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#49
Acenaphthene
Concen: 25.016 ng/ul
RT: 14.55 min Scan# 1949
Delta R.T. 0.00 min
Lab File: BM012591.D
Acq: 31 Oct 2017 01:48

Tgt Ion	Ratio	Lower	Upper
153	100		
152	45.8	37.6	56.4
154	87.7	70.4	105.6





#52

4-Nitrophenol

Concen: 25.255 ng/ul

RT: 14.70 min Scan# 1974

Delta R.T. -0.01 min

Lab File: BM012591.D

Acq: 31 Oct 2017 01:48

Instrument :

BNA_M

ClientSampleId :

ESNE7MSD

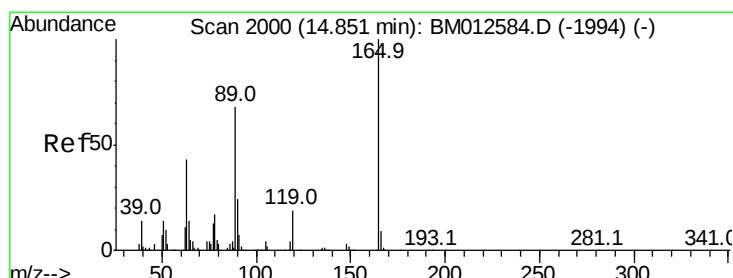
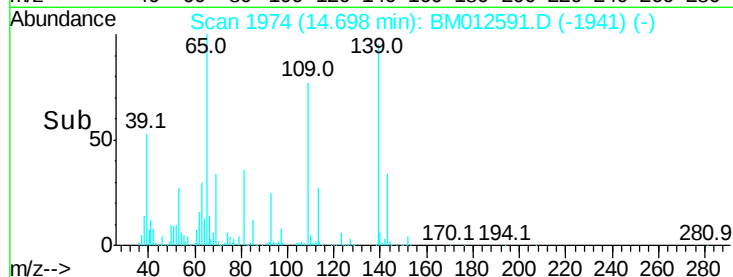
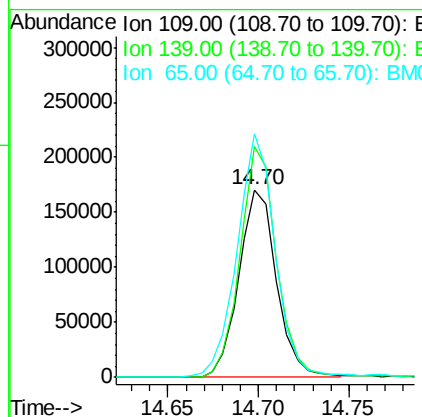
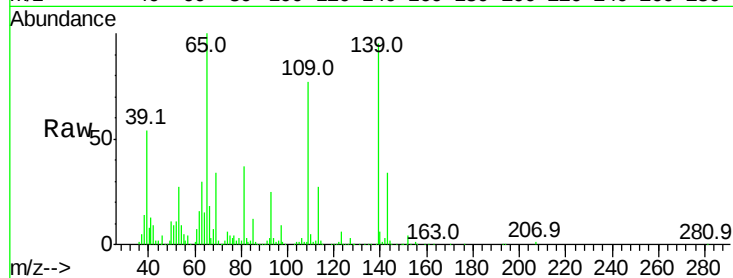
Tot Ion	Ratio	Resp	Lower	Upper
109	100	244311		
139	123.0	80.0	120.0#	
65	129.9	120.0	180.0	

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#54

2,4-Dinitrotoluene

Concen: 28.646 ng/ul

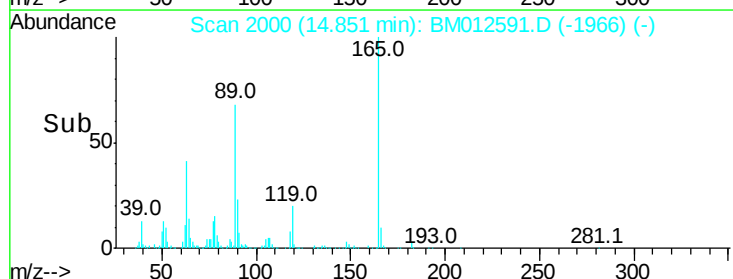
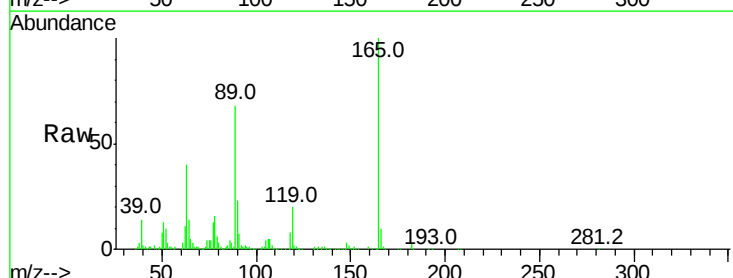
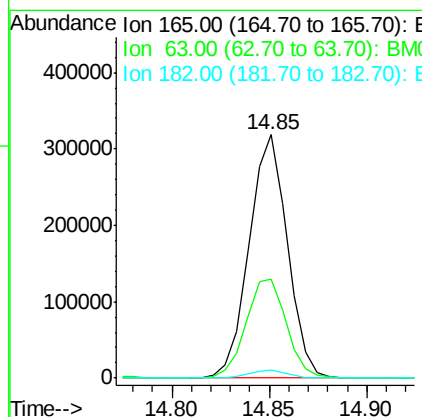
RT: 14.85 min Scan# 2000

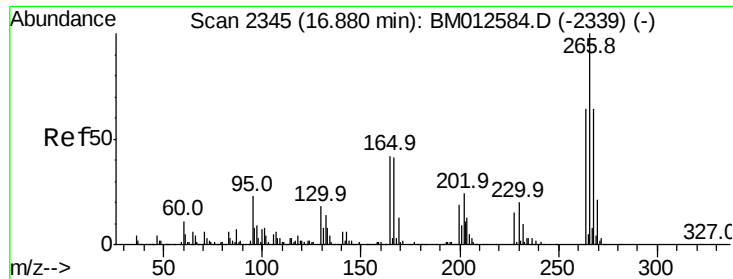
Delta R.T. 0.00 min

Lab File: BM012591.D

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Tgt Ion	Ratio	Resp	Lower	Upper
165	100	432555		
63	40.5	45.8	68.8#	
182	3.2	2.6	4.0	





#68
 Pentachlorophenol
 Concen: 31.951 ng/ul
 RT: 16.88 min Scan# 2345
 Delta R.T. 0.00 min
 Lab File: BM012591.D
 Acq: 31 Oct 2017 01:48

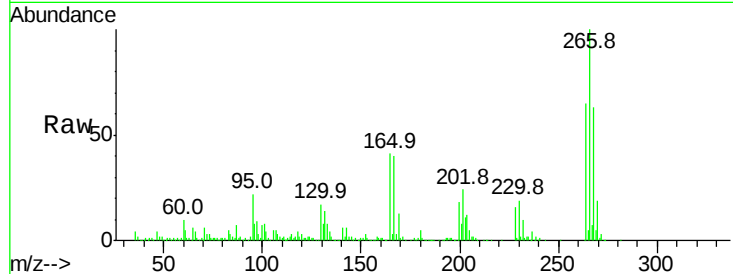
Instrument :
 BNA_M
 ClientSampleId :
 ESNE7MSD

Tot Ion:	266	Resp:	384359
Ion Ratio		Lower	Upper
266	100		
264	64.7	49.3	73.9
268	62.5	52.6	78.8

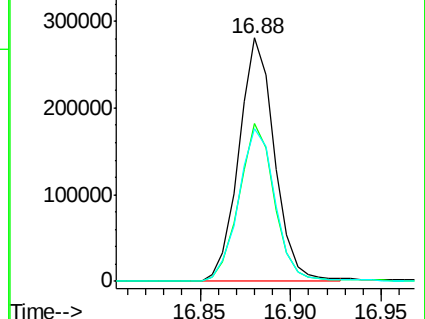
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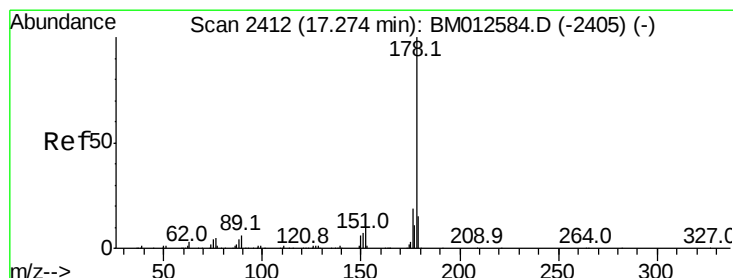
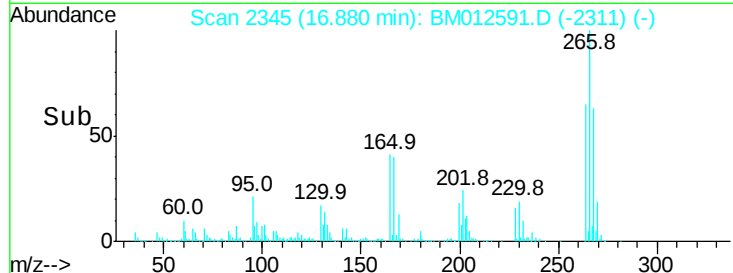
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Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 264.00 (263.70 to 264.70): E
 Ion 268.00 (267.70 to 268.70): E

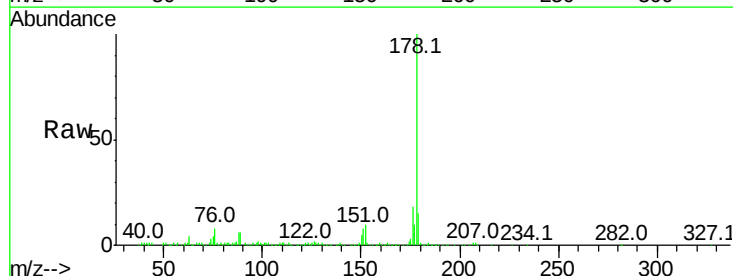


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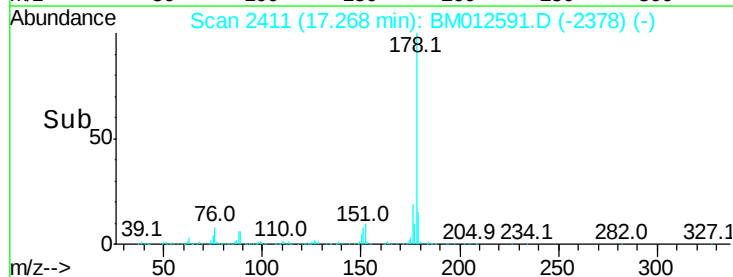
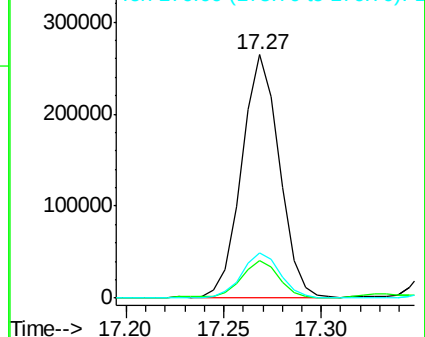


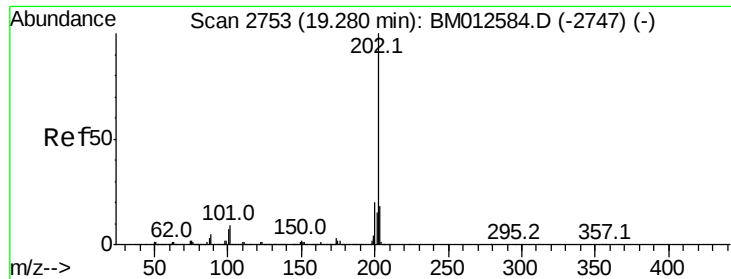
#69
 Phenanthrene
 Concen: 3.925 ng/ul
 RT: 17.27 min Scan# 2411
 Delta R.T. -0.01 min
 Lab File: BM012591.D
 Acq: 31 Oct 2017 01:48

Tgt Ion:	178	Resp:	352345
Ion Ratio		Lower	Upper
178	100		
179	15.5	12.6	19.0
176	18.5	14.9	22.3



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 176.00 (175.70 to 176.70): E





#74

Fluoranthene

Concen: 8.694 ng/ul

RT: 19.28 min Scan# 2753

Delta R.T. 0.00 min

Lab File: BM012591.D

Acq: 31 Oct 2017 01:48

Instrument :

BNA_M

ClientSampleId :

ESNE7MSD

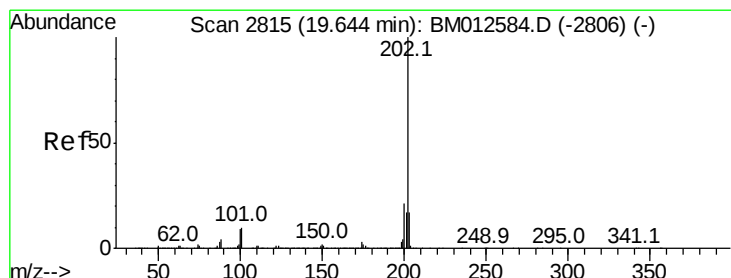
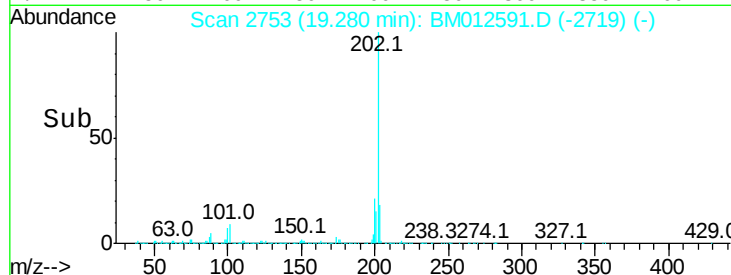
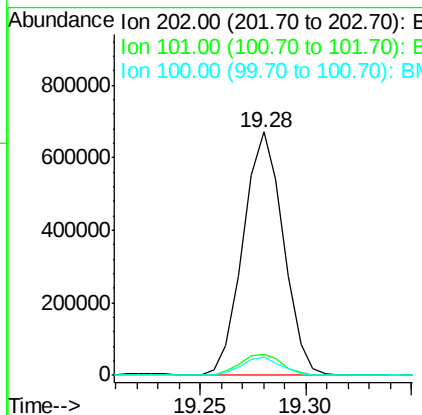
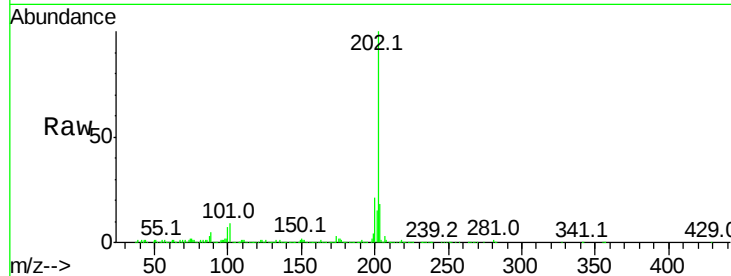
Tot Ion	Ratio	Resp	Lower	Upper
202	100	884316		
101	8.8		4.6	7.0#
100	7.3		3.4	5.2#

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#77

Pyrene

Concen: 31.670 ng/ul

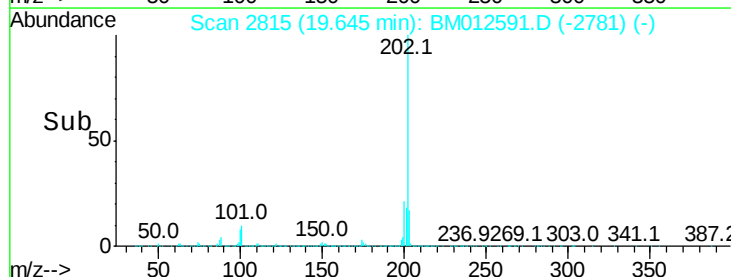
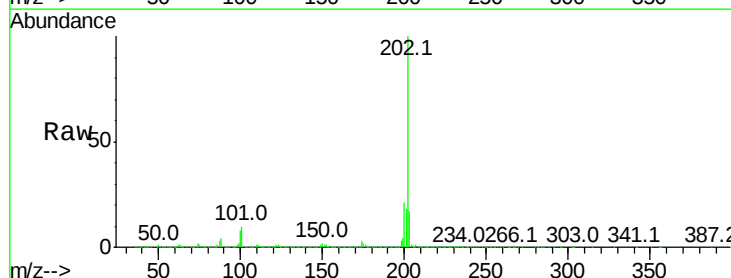
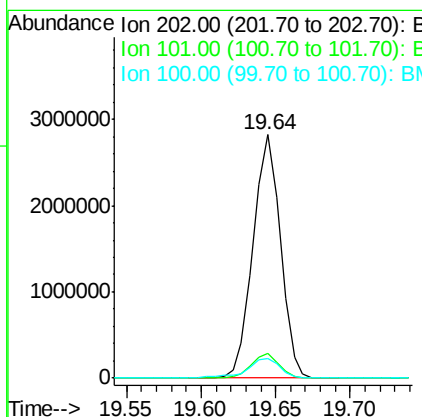
RT: 19.64 min Scan# 2815

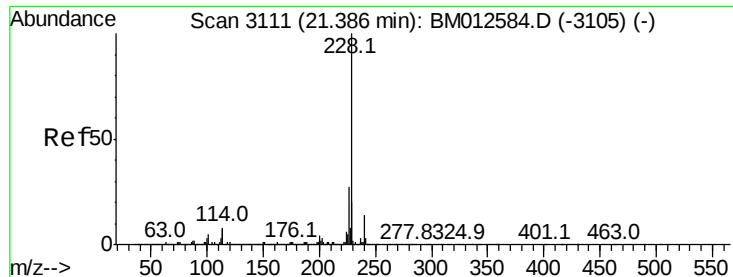
Delta R.T. 0.00 min

Lab File: BM012591.D

Acq: 31 Oct 2017 01:48

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	3570808		
101	10.0		5.1	7.7#
100	8.1		4.9	7.3#





#80
Benzo(a)anthracene
Concen: 3.372 ng/ul
RT: 21.38 min Scan# 3110
Delta R.T. -0.01 min
Lab File: BM012591.D
Acq: 31 Oct 2017 01:48

Instrument :
BNA_M
ClientSampleId :
ESNE7MSD

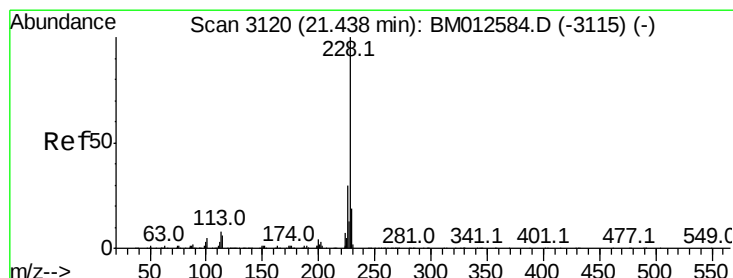
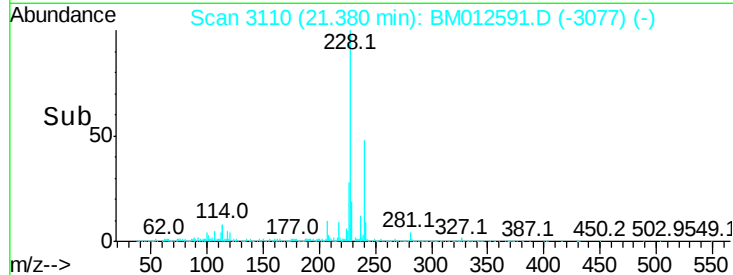
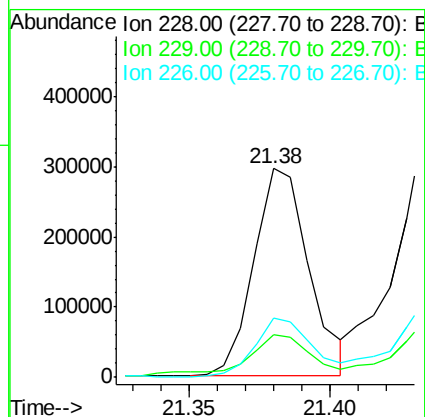
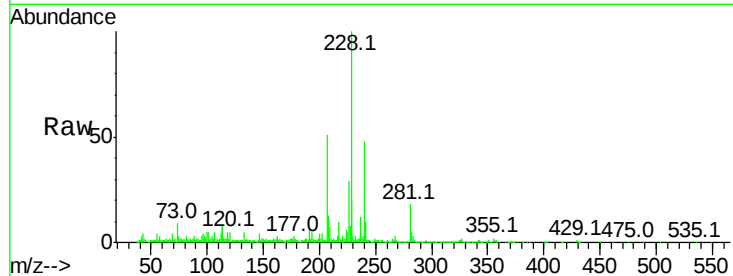
Tot Ion	Ratio	Lower	Upper
228	100		
229	20.2	15.4	23.0
226	28.6	21.4	32.0

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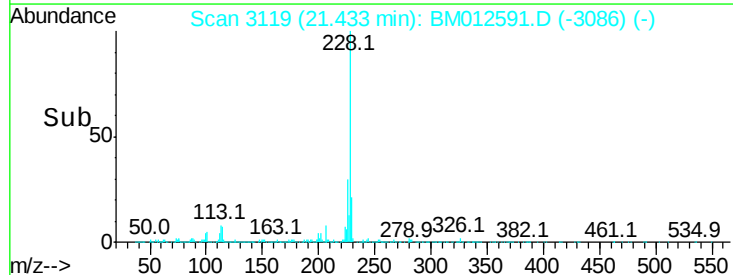
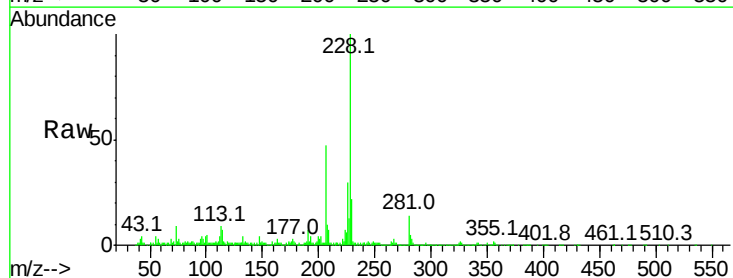
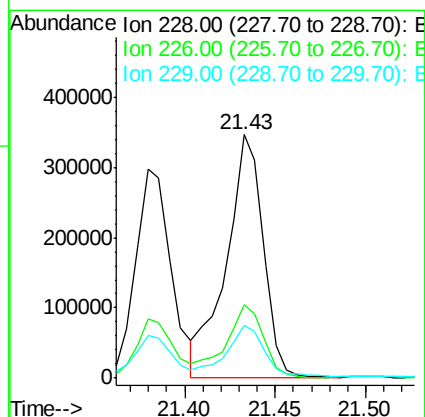
Sohil

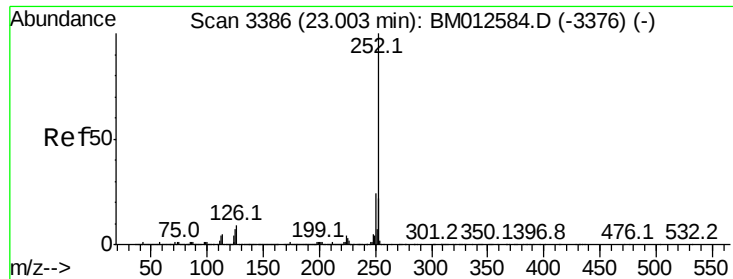
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#82
Chrysene
Concen: 4.632 ng/ul
RT: 21.43 min Scan# 3119
Delta R.T. -0.01 min
Lab File: BM012591.D
Acq: 31 Oct 2017 01:48

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.9	23.4	35.2
229	21.8	15.5	23.3





#85
Benzo(b)fluoranthene
Concen: 5.433 ng/ul
RT: 23.00 min Scan# 3386
Delta R.T. 0.00 min
Lab File: BM012591.D
Acq: 31 Oct 2017 01:48

Instrument :
BNA_M
ClientSampleId :
ESNE7MSD

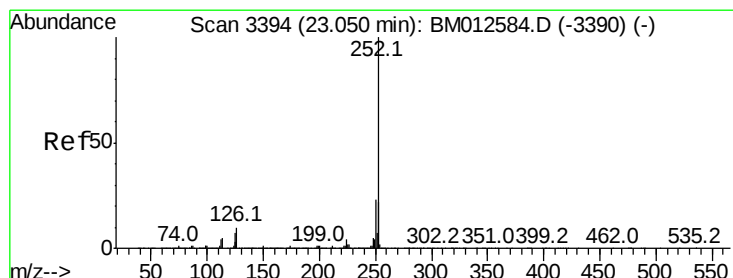
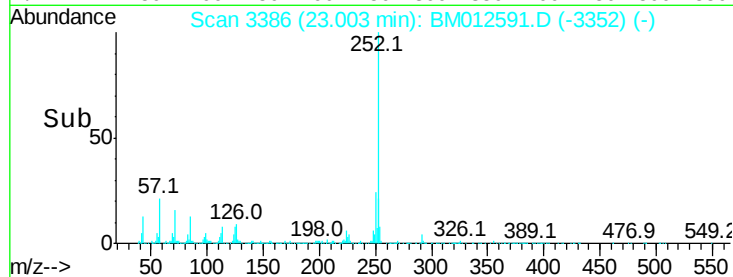
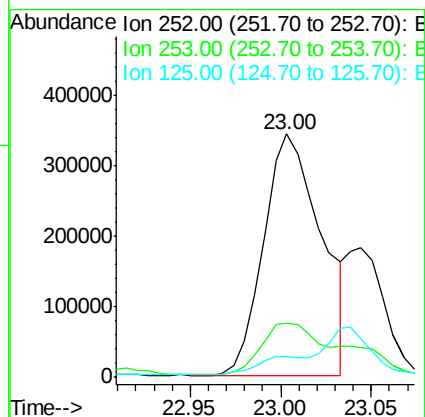
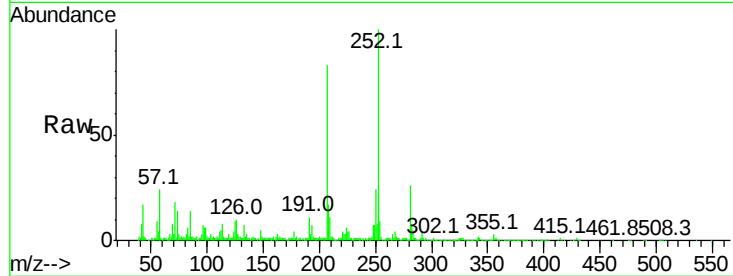
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.9	26.9
125	8.7	3.6	5.4#

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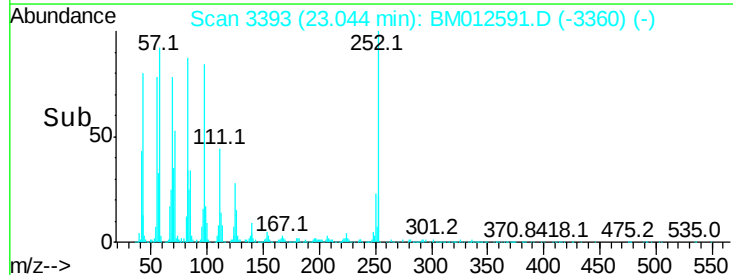
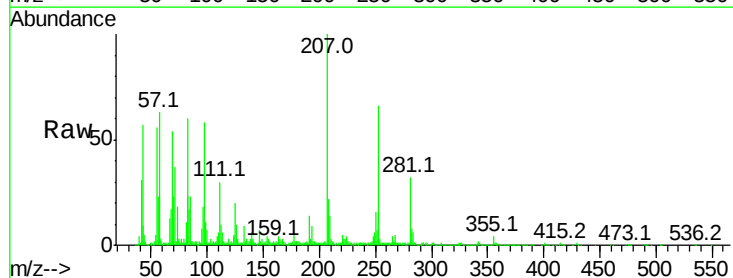
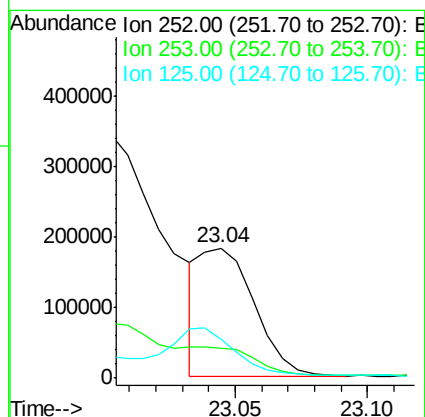
Sohil

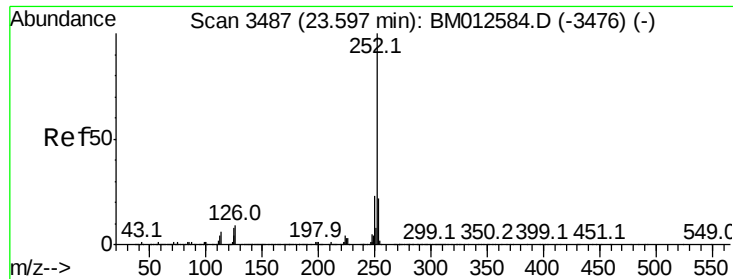
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#86
Benzo(k)fluoranthene
Concen: 1.956 ng/ul m
RT: 23.04 min Scan# 3393
Delta R.T. -0.01 min
Lab File: BM012591.D
Acq: 31 Oct 2017 01:48

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.1	25.7
125	30.0	3.4	5.2#





#88

Benzo(a)pyrene

Concen: 3.344 ng/ul

RT: 23.60 min Scan# 3487

Delta R.T. 0.00 min

Lab File: BM012591.D

Acq: 31 Oct 2017 01:48

Instrument :

BNA_M

ClientSampleId :

ESNE7MSD

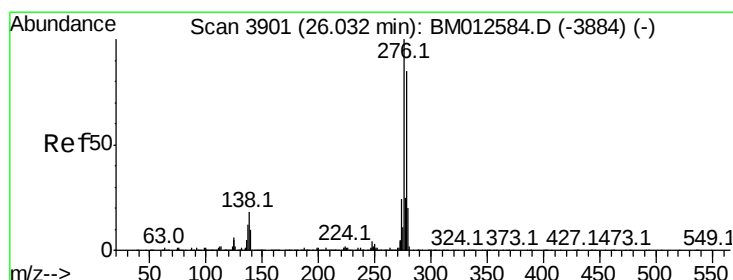
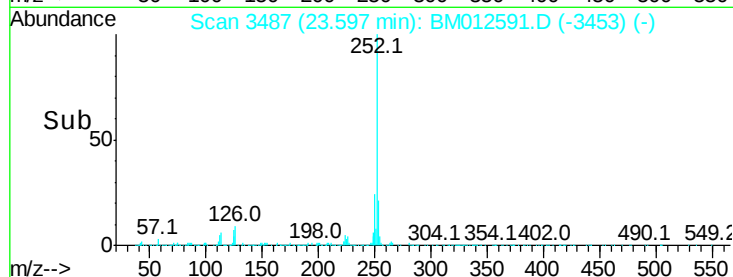
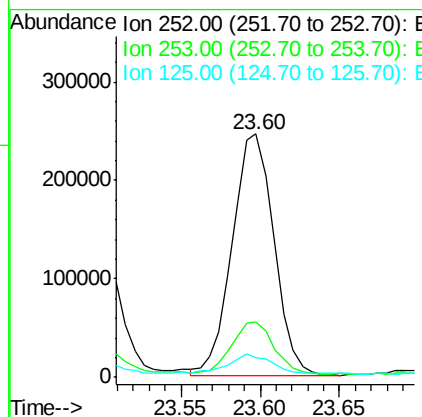
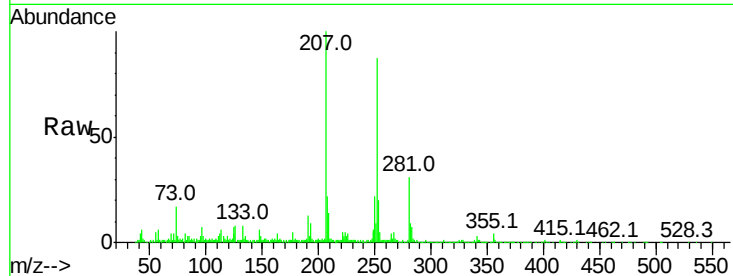
Tot Ion:	252	Resp:	447263
Ion Ratio	Lower	Upper	
252	100		
253	22.7	18.2	27.2
125	8.2	4.0	6.0#

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#89

Indeno(1,2,3-cd)pyrene

Concen: 2.544 ng/ul

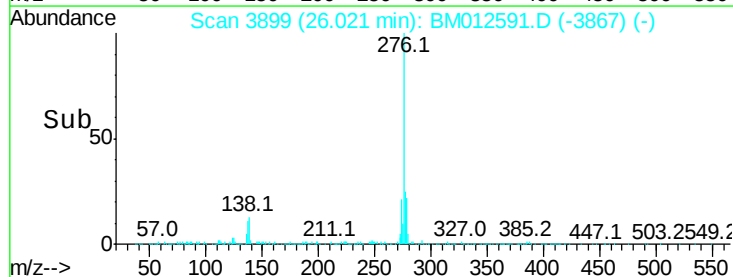
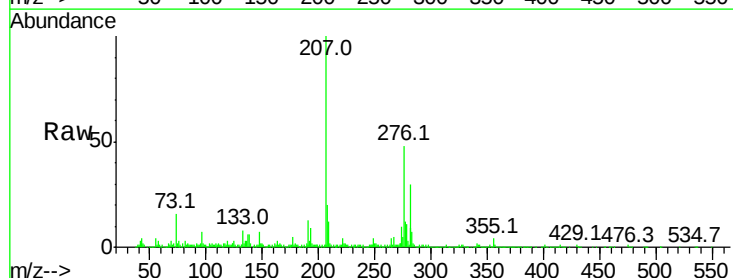
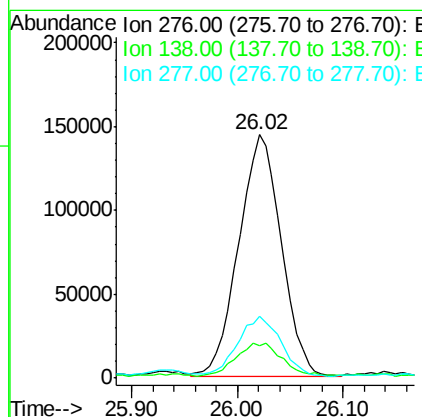
RT: 26.02 min Scan# 3899

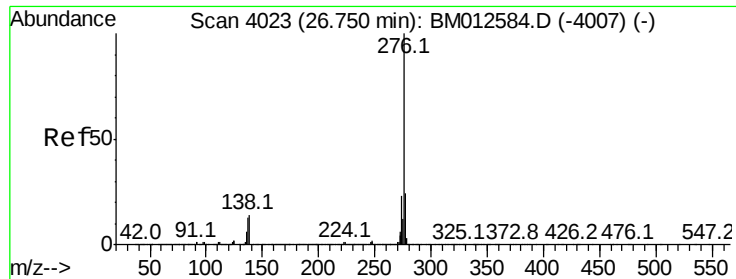
Delta R.T. -0.01 min

Lab File: BM012591.D

Acq: 31 Oct 2017 01:48

Tgt Ion:	276	Resp:	400498
Ion Ratio	Lower	Upper	
276	100		
138	13.5	9.3	13.9
277	25.3	19.9	29.9





#91
 Benzo(a,h,i)perylene
 Concen: 2.468 ng/ul
 RT: 26.74 min Scan# 4022
 Delta R.T. -0.01 min
 Lab File: BM012591.D
 Acq: 31 Oct 2017 01:48

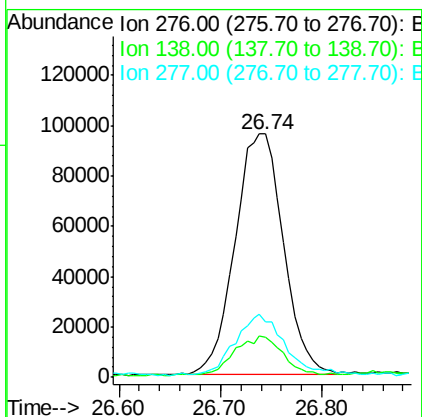
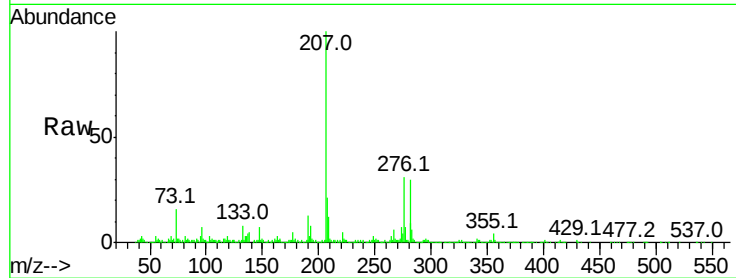
Instrument :
 BNA_M
 ClientSampleId :
 ESNE7MSD

Tot Ion	Ratio	Lower	Upper
276	100		
138	16.2	8.5	12.7#
277	22.9	18.6	28.0

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