

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM120518\
 Data File : BM017913.D
 Acq On : 04 Dec 2018 21:35
 Operator : JU/SJ
 Sample : J5771-07 2X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EO-02-112918-A

Manual Integrations
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 12/5/2018 4:50:06 PM

Quant Time: Dec 05 01:09:56 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM111218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 12 18:37:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	272442	20.00	ng	-0.04
21) Naphthalene-d8	10.35	136	1054546	20.00	ng	-0.04
39) Acenaphthene-d10	14.23	164	526200	20.00	ng	-0.04
64) Phenanthrene-d10	16.99	188	936949	20.00	ng	-0.03
76) Chrysene-d12	21.19	240	890655	20.00	ng	-0.02
87) Perylene-d12	23.38	264	977390	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.21	112	814365	50.45	ng	-0.03
7) Phenol-d6	6.77	99	1104977	49.01	ng	-0.03
23) Nitrobenzene-d5	8.73	82	648415	31.74	ng	-0.04
42) 2,4,6-Tribromophenol	15.73	330	320980	42.45	ng	-0.03
45) 2-Fluorobiphenyl	12.84	172	1341664	33.08	ng	-0.04
79) Terphenyl-d14	19.63	244	1255100	31.94	ng	-0.02
Target Compounds						
10) Phenol	6.80	94	63705	2.692	ng	Qvalue 96
50) Dimethylphthalate	13.69	163	125028	2.922	ng	98
58) Fluorene	15.29	166	120198	2.972	ng	97
71) Phenanthrene	17.03	178	903164	17.764	ng	99
72) Anthracene	17.12	178	302123	6.107	ng	100
75) Fluoranthene	19.06	202	1172957	20.390	ng	98
78) Pyrene	19.42	202	1056862	19.232	ng	98
81) Benzo(a)anthracene	21.18	228	515023	10.037	ng	98
83) Chrysene	21.23	228	432090	8.670	ng	97
86) Indeno(1,2,3-cd)pyrene	25.55	276	262003	6.579	ng	97
88) Benzo(b)fluoranthene	22.73	252	556894m	9.729	ng	
89) Benzo(k)fluoranthene	22.77	252	197615m	3.416	ng	
90) Benzo(a)pyrene	23.28	252	426016	8.163	ng	# 93
92) Benzo(a,h,i)perylene	26.21	276	244924	5.936	ng	# 93

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

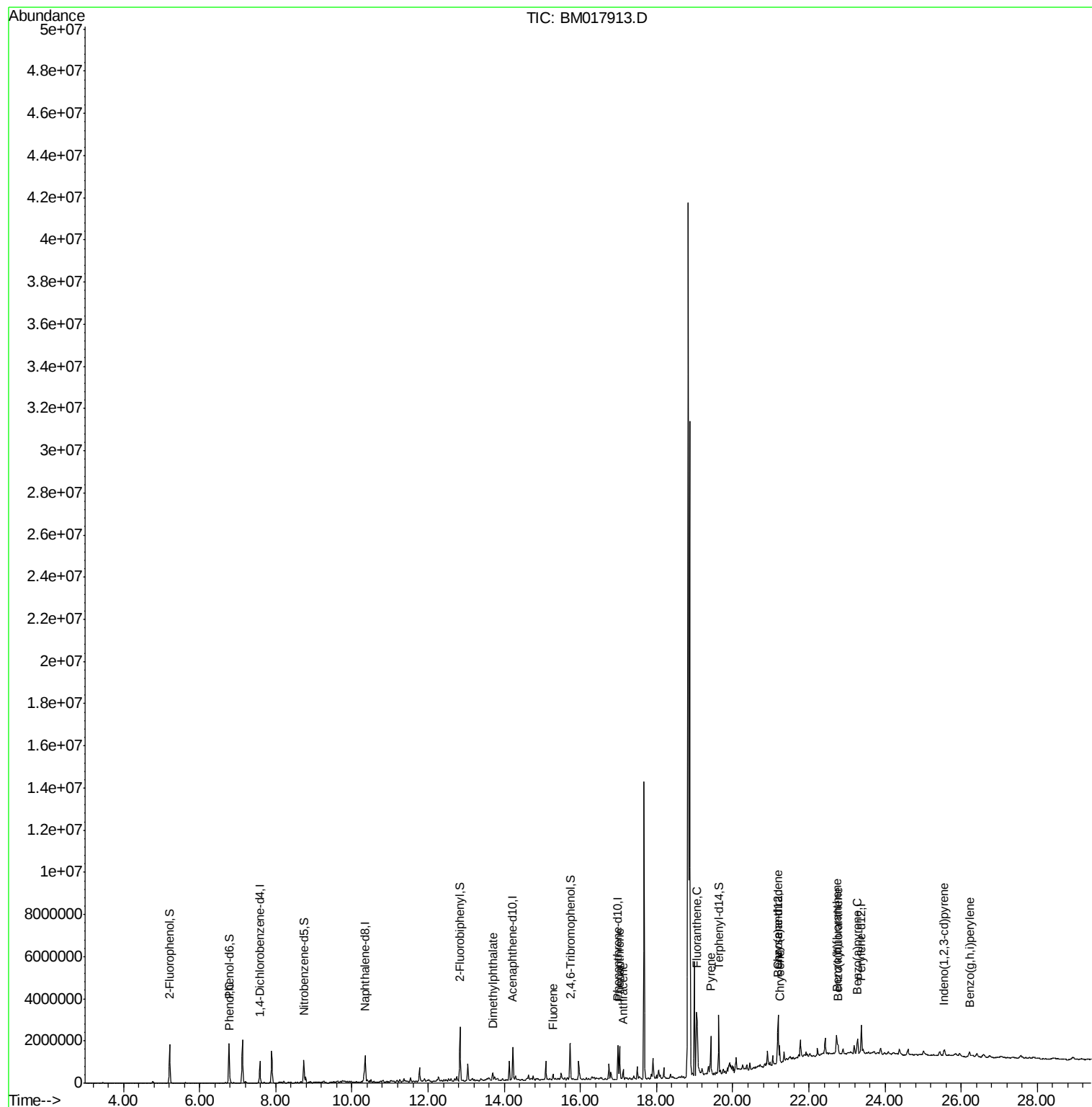
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM120518\
Data File : BM017913.D
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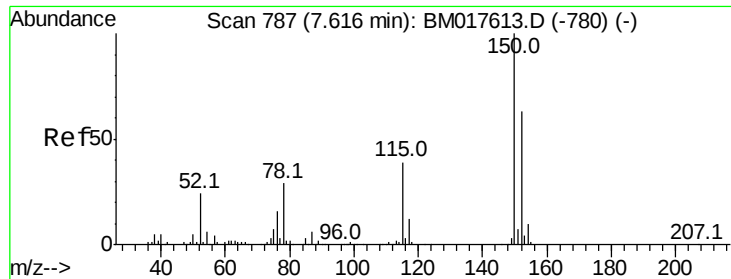
Instrument :
BNA_M
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM111218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

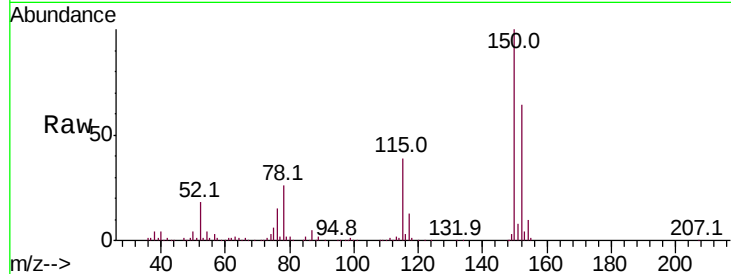
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.58 min Scan# 781
Delta R.T. -0.04 min
Lab File: BM017913.D
Acq: 04 Dec 2018 21:35

Instrument :
BNA_M
ClientSampleId :
EO-02-112918-A

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.8	126.4	189.6
115	60.6	49.4	74.0

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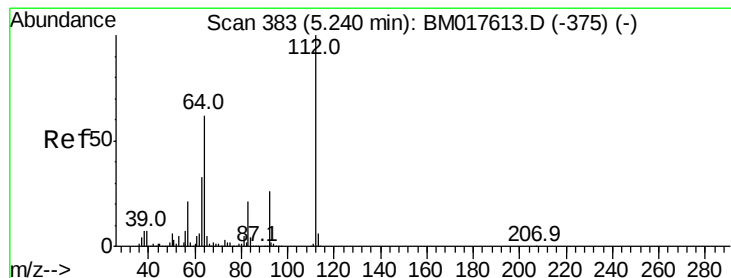
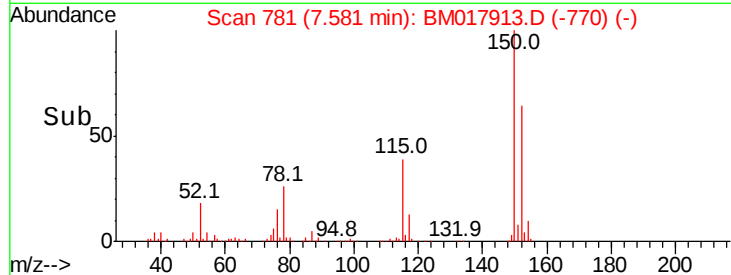
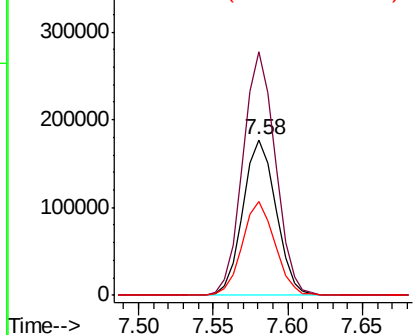


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

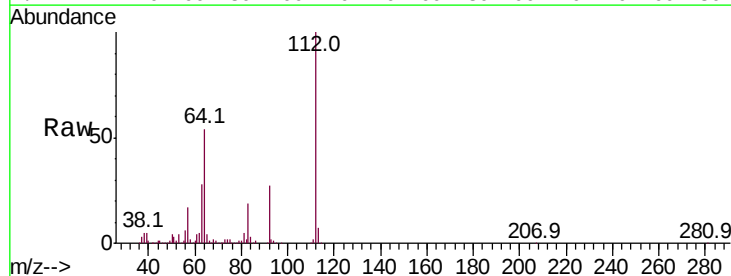
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 50.446 ng
RT: 5.21 min Scan# 378
Delta R.T. -0.03 min
Lab File: BM017913.D
Acq: 04 Dec 2018 21:35

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.4	49.3	73.9
63	28.4	26.2	39.4

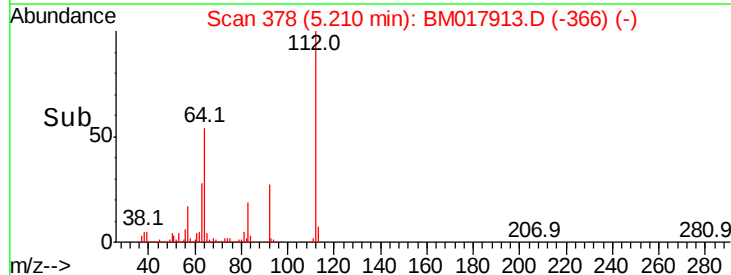
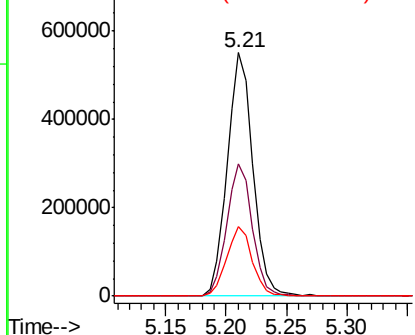


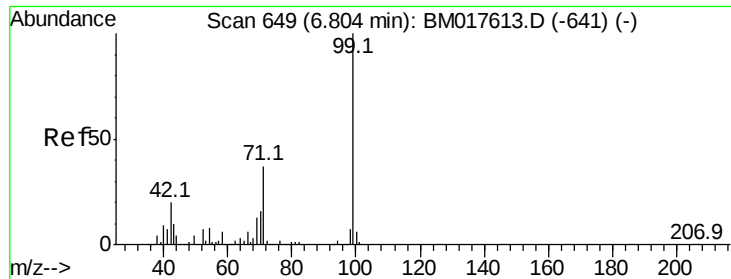
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BMC

Ion 63.00 (62.70 to 63.70): BMC





#7

Phenol-d6

Concen: 49.009 ng

RT: 6.77 min Scan# 644

Delta R.T. -0.03 min

Lab File: BM017913.D

Acq: 04 Dec 2018 21:35

Instrument :

BNA_M

ClientSampleId :

EO-02-112918-A

Tot Ion: 99 Resp: 1104977

Ion Ratio Lower Upper

99 100

42 15.8 16.3 24.5#

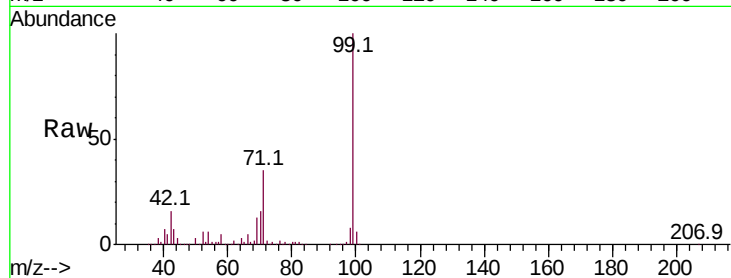
71 35.3 29.8 44.8

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Abundance Ion 99.00 (98.70 to 99.70): BM017913.D (-632) (-)

Ion 42.00 (41.70 to 42.70): BM017913.D (-632) (-)

Ion 71.00 (70.70 to 71.70): BM017913.D (-632) (-)

6.77

800000

600000

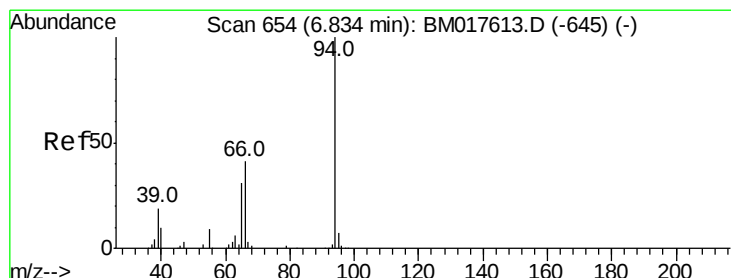
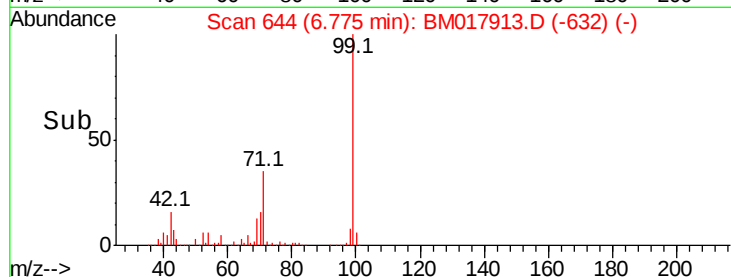
400000

200000

0

6.70 6.75 6.80 6.85

Time-->



#10

Phenol

Concen: 2.692 ng

RT: 6.80 min Scan# 648

Delta R.T. -0.04 min

Lab File: BM017913.D

Acq: 04 Dec 2018 21:35

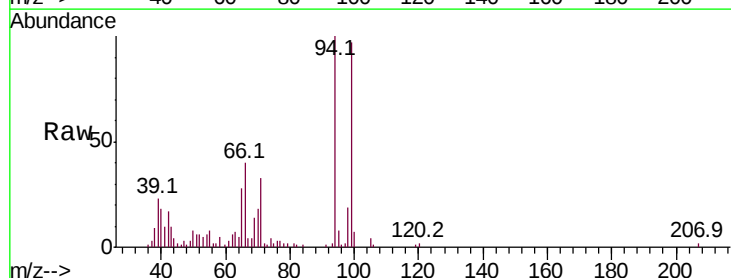
Tgt Ion: 94 Resp: 63705

Ion Ratio Lower Upper

94 100

65 28.4 11.4 51.4

66 39.8 21.4 61.4



Abundance Ion 94.00 (93.70 to 94.70): BM017913.D (-637) (-)

Ion 65.00 (64.70 to 65.70): BM017913.D (-637) (-)

Ion 66.00 (65.70 to 66.70): BM017913.D (-637) (-)

6.80

50000

40000

30000

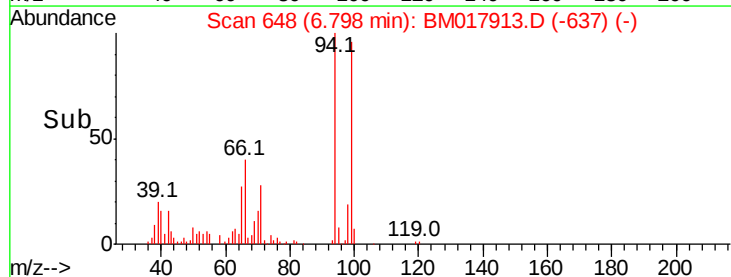
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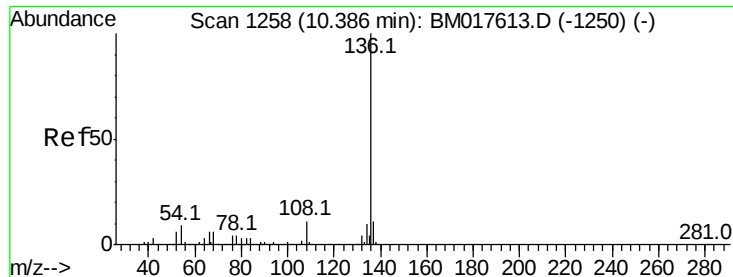
10000

0

6.75 6.80 6.85 6.90

Time-->





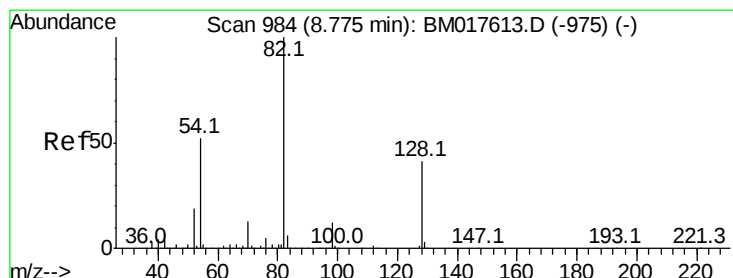
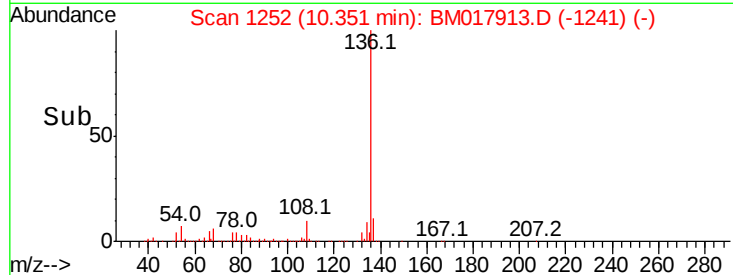
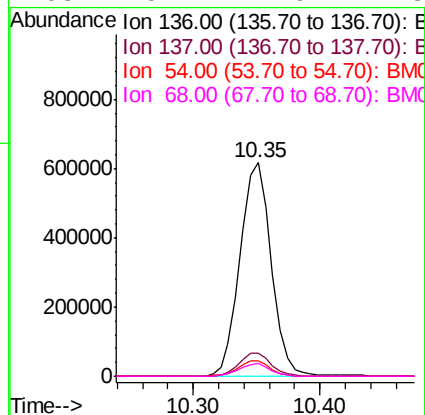
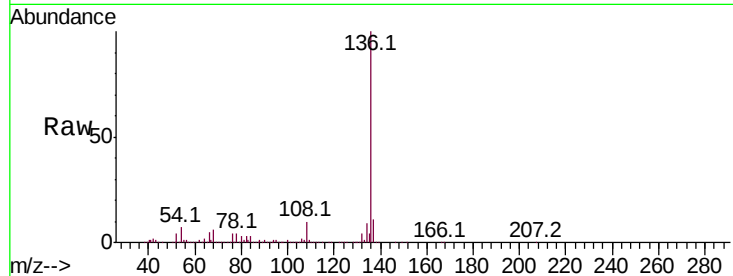
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.35 min Scan# 1252
Delta R.T. -0.04 min
Lab File: BM017913.D
Acq: 04 Dec 2018 21:35

Instrument :
BNA_M
ClientSampleId :
EO-02-112918-A

Tot Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.6	12.8
54	6.9	7.0	10.6
68	6.1	4.9	7.3

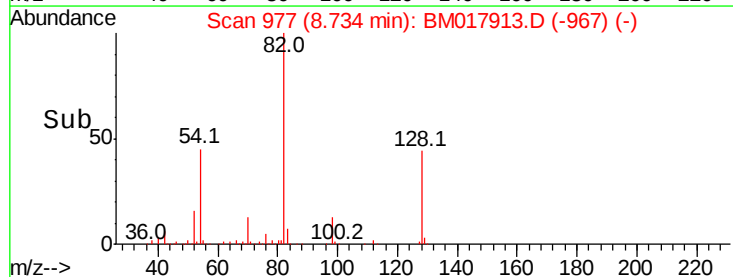
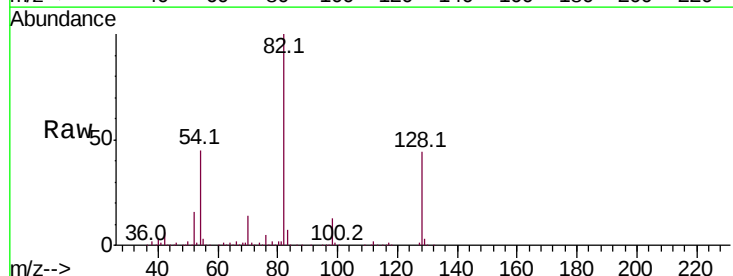
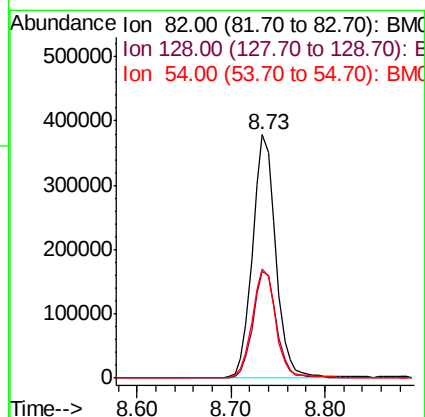
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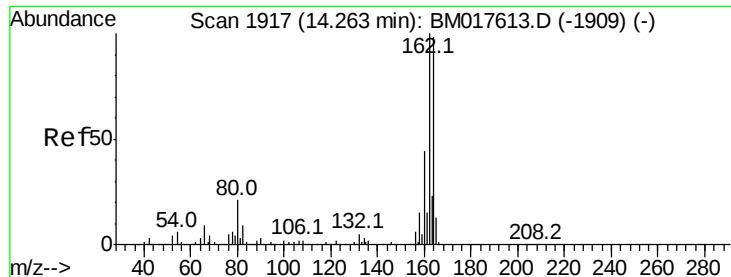
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#23
Nitrobenzene-d5
Concen: 31.743 ng
RT: 8.73 min Scan# 977
Delta R.T. -0.04 min
Lab File: BM017913.D
Acq: 04 Dec 2018 21:35

Tgt Ion	Ratio	Lower	Upper
82	100		
128	43.8	33.0	49.4
54	44.6	41.4	62.2





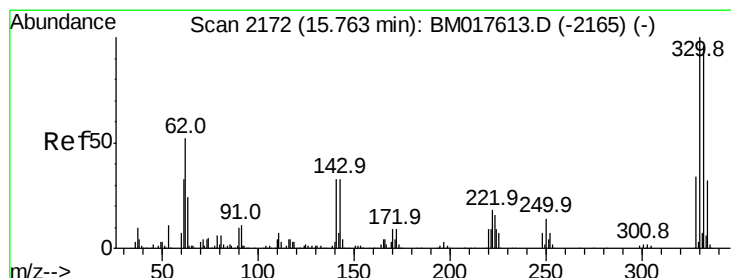
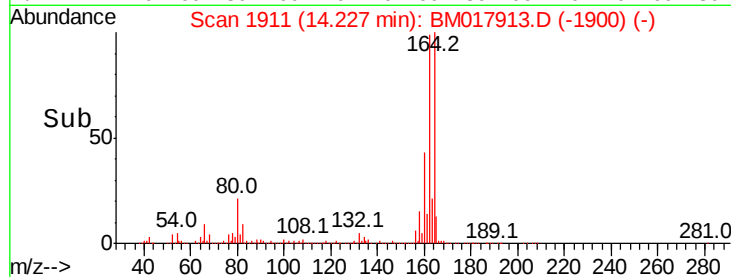
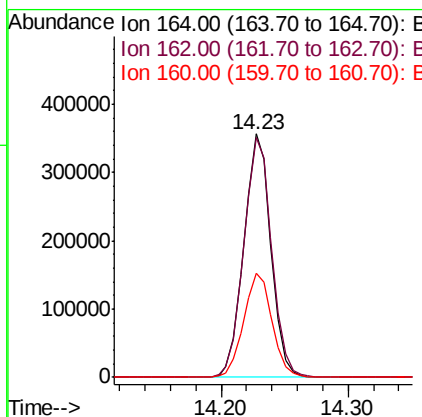
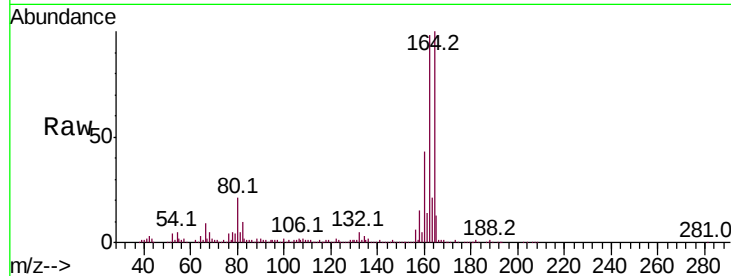
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.23 min Scan# 1911
Delta R.T. -0.04 min
Lab File: BM017913.D
Acq: 04 Dec 2018 21:35

Instrument :
BNA_M
ClientSampleId :
EO-02-112918-A

Tot Ion	Ratio	Lower	Upper
164	100		
162	98.5	81.4	122.0
160	42.8	35.6	53.4

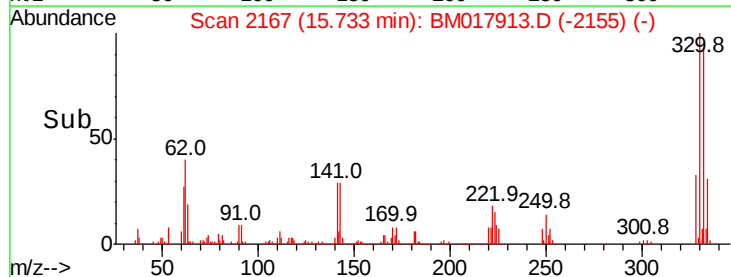
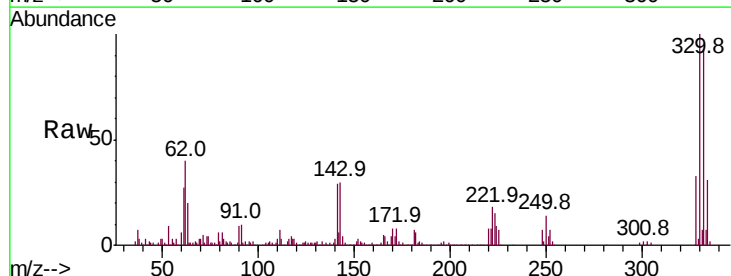
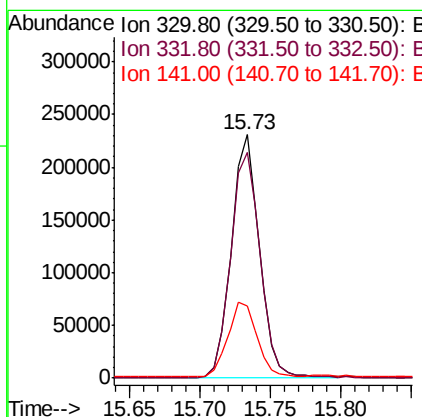
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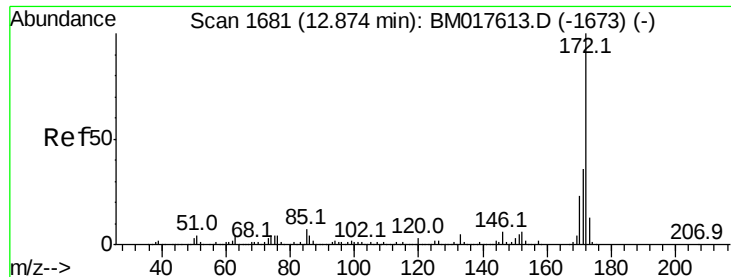
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#42
2,4,6-Tribromophenol
Concen: 42.453 ng
RT: 15.73 min Scan# 2167
Delta R.T. -0.03 min
Lab File: BM017913.D
Acq: 04 Dec 2018 21:35

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.3	77.9	116.9
141	31.8	27.5	41.3





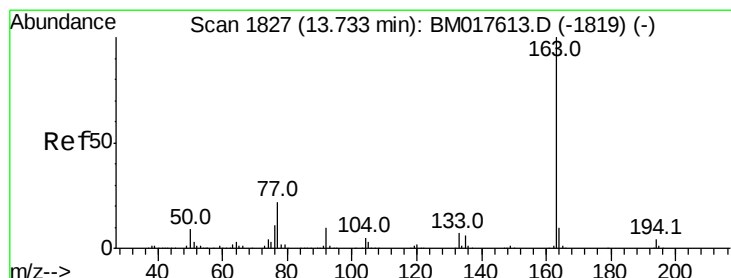
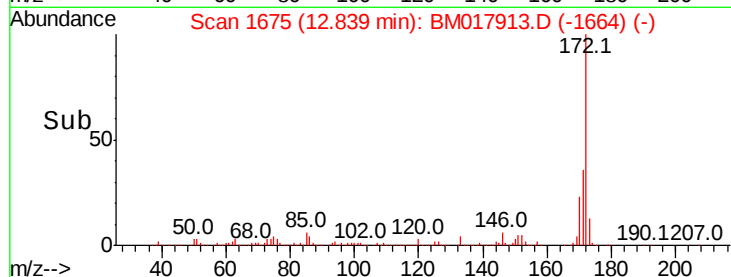
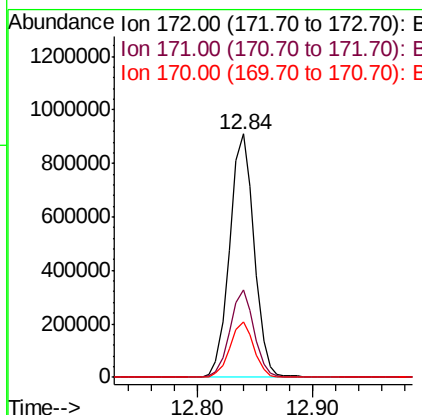
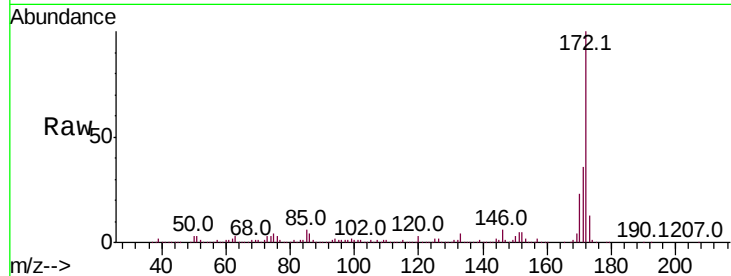
#45
2-Fluorobiphenyl
Concen: 33.078 ng
RT: 12.84 min Scan# 1675
Delta R.T. -0.04 min
Lab File: BM017913.D
Acq: 04 Dec 2018 21:35

Instrument :
BNA_M
ClientSampleId :
EO-02-112918-A

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.8	28.7	43.1
170	22.7	18.3	27.5

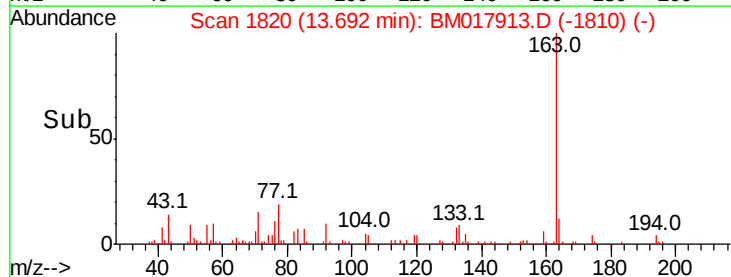
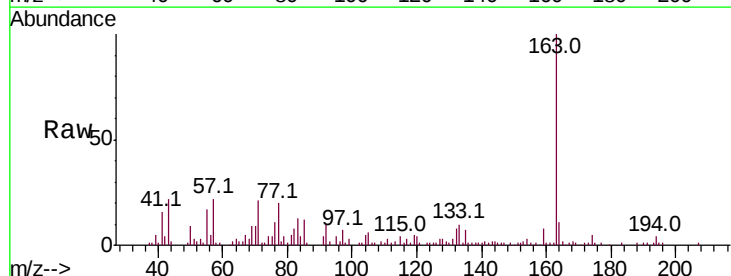
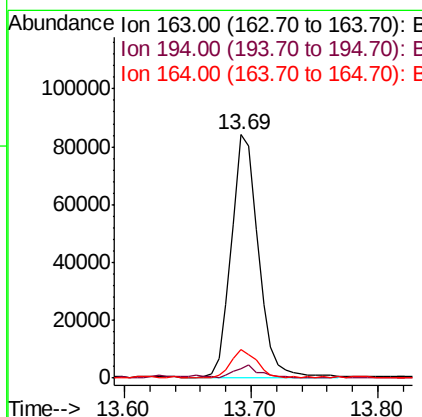
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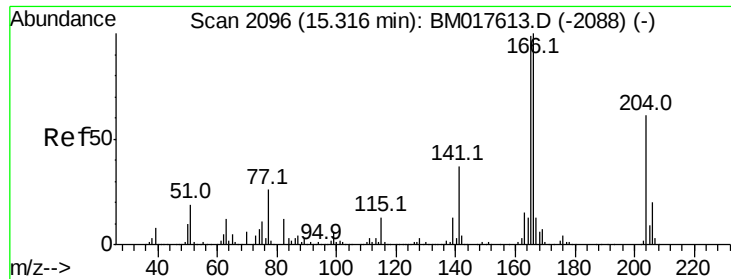
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#50
Dimethylphthalate
Concen: 2.922 ng
RT: 13.69 min Scan# 1820
Delta R.T. -0.04 min
Lab File: BM017913.D
Acq: 04 Dec 2018 21:35

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.1	4.7
164	11.5	8.2	12.4





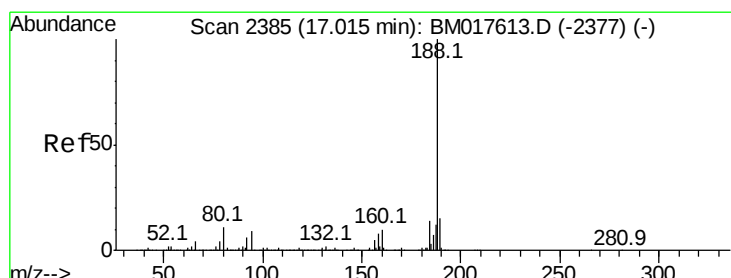
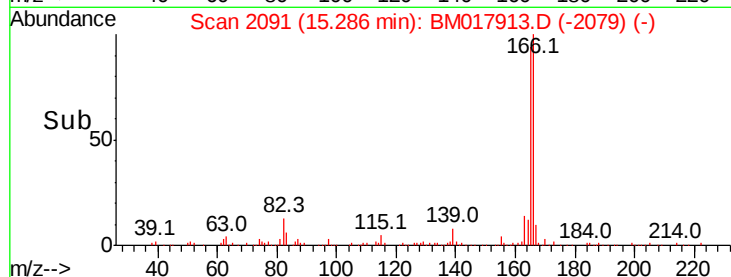
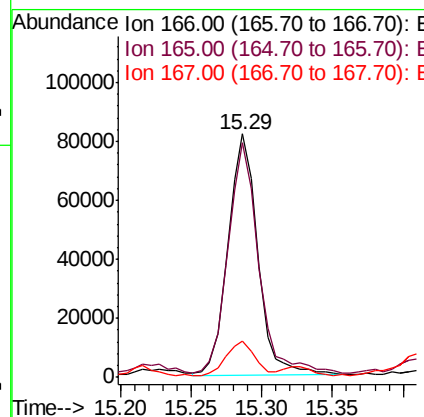
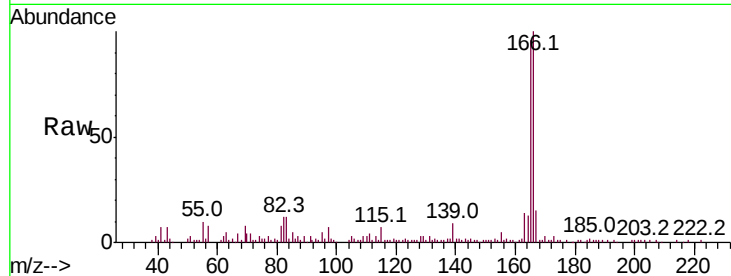
#58
Fluorene
 Concen: 2.972 ng
 RT: 15.29 min Scan# 2091
 Delta R.T. -0.03 min
 Lab File: BM017913.D
 Acq: 04 Dec 2018 21:35

Instrument :
 BNA_M
 ClientSampleId :
 EO-02-112918-A

Tot Ion	Ratio	Resp	Lower	Upper
166	100	120198		
165	96.1	79.0	118.6	
167	14.9	10.8	16.2	

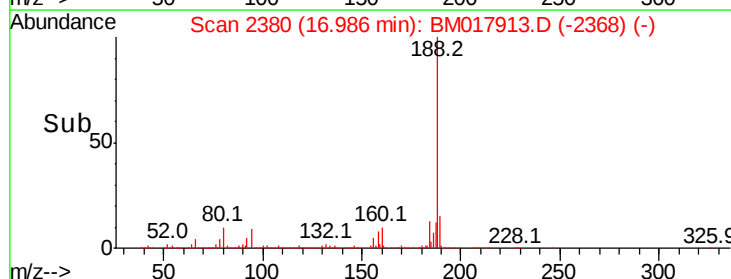
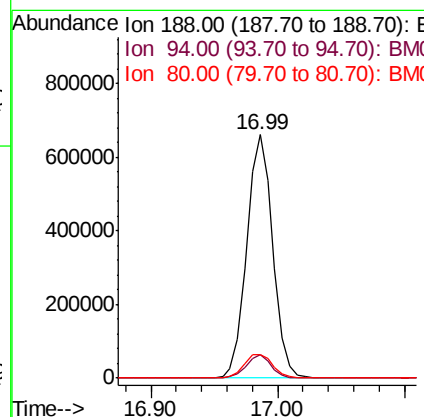
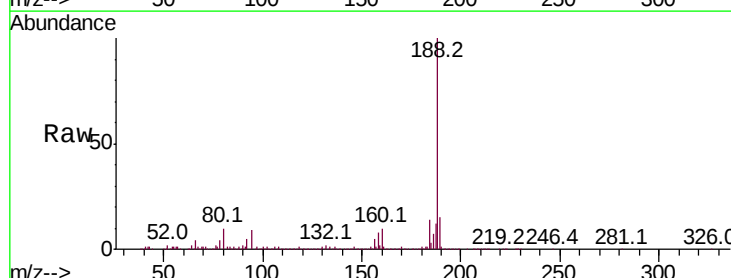
Manual Integrations
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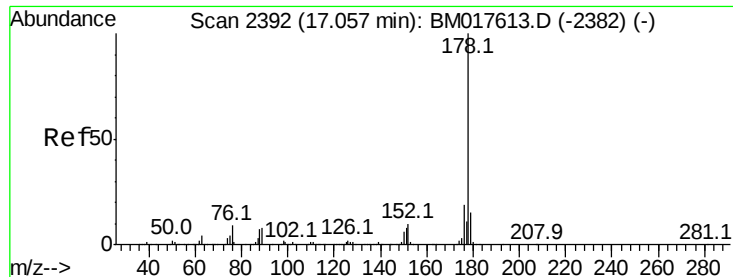
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#64
Phenanthrene-d10
 Concen: 20.000 ng
 RT: 16.99 min Scan# 2380
 Delta R.T. -0.03 min
 Lab File: BM017913.D
 Acq: 04 Dec 2018 21:35

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	936949		
94	9.5	7.5	11.3	
80	9.9	8.6	13.0	





#71

Phenanthrene

Concen: 17.764 ng

RT: 17.03 min Scan# 2387

Delta R.T. -0.03 min

Lab File: BM017913.D

Acq: 04 Dec 2018 21:35

Instrument :

BNA_M

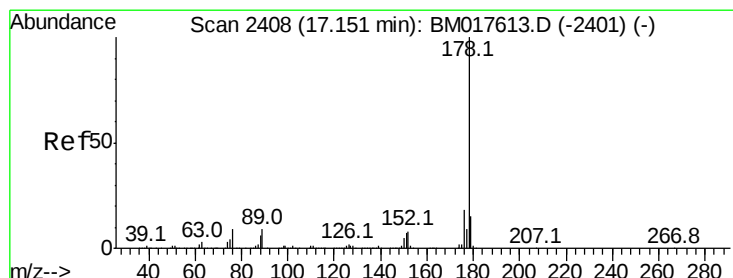
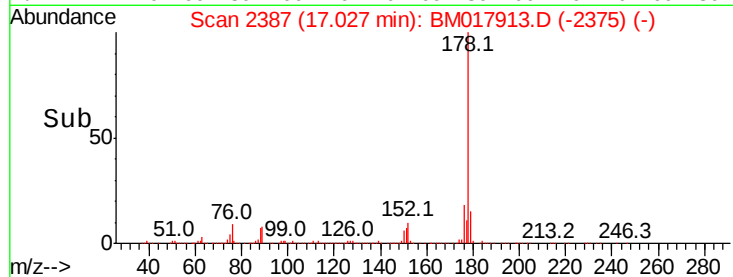
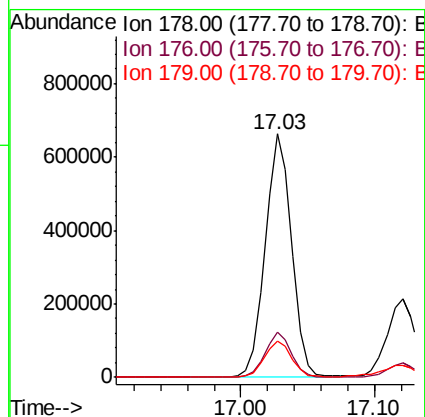
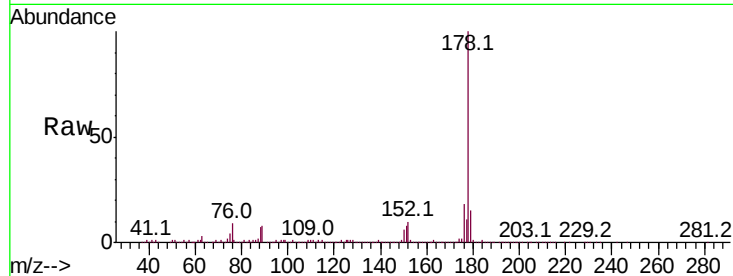
ClientSampleId :

EO-02-112918-A

Tot Ion:178	Resp:	903164
Ion Ratio	Lower	Upper
178	100	
176	18.4	15.0 22.4
179	14.9	12.4 18.6

Manual Integrations
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#72

Anthracene

Concen: 6.107 ng

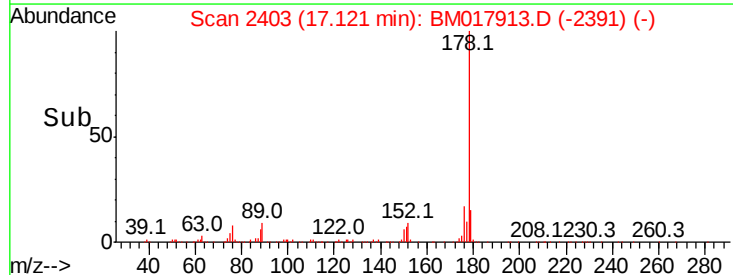
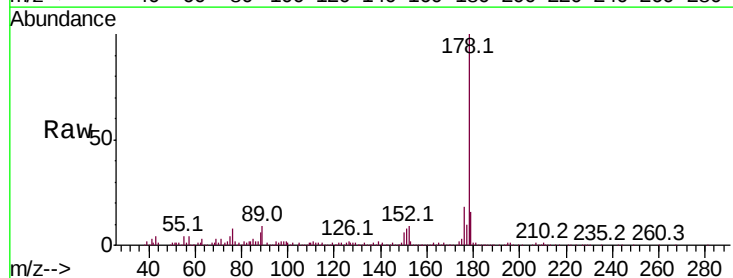
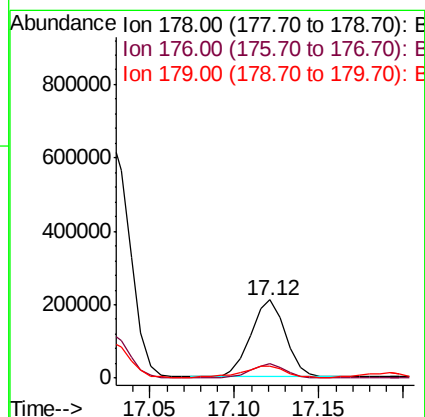
RT: 17.12 min Scan# 2403

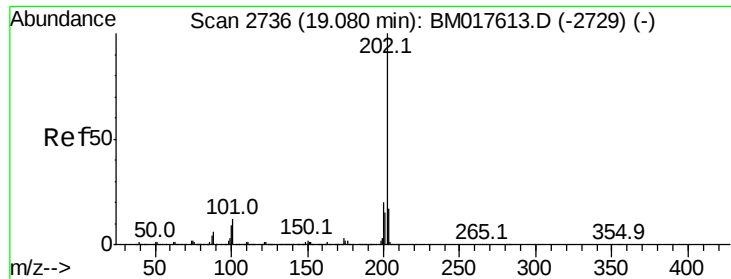
Delta R.T. -0.03 min

Lab File: BM017913.D

Acq: 04 Dec 2018 21:35

Tgt Ion:178	Resp:	302123
Ion Ratio	Lower	Upper
178	100	
176	17.9	14.5 21.7
179	15.6	12.3 18.5





#75

Fluoranthene

Concen: 20.390 ng

RT: 19.06 min Scan# 2732

Delta R.T. -0.02 min

Lab File: BM017913.D

Acq: 04 Dec 2018 21:35

Instrument :

BNA_M

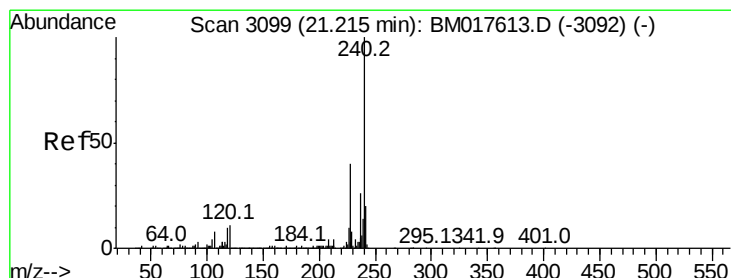
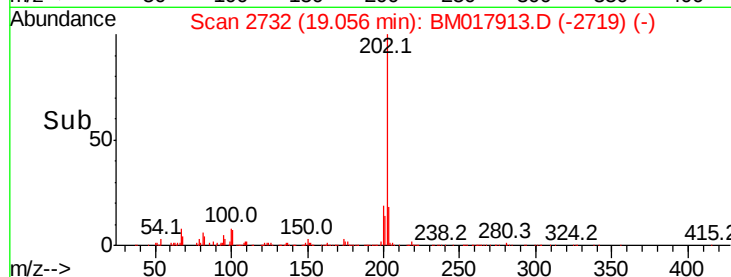
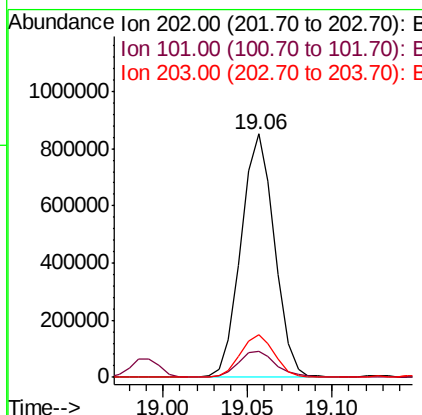
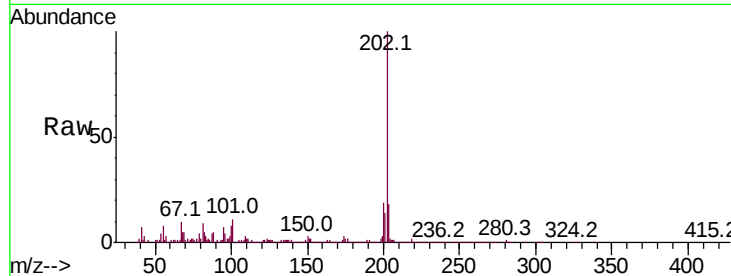
ClientSampleId :

EO-02-112918-A

Tot Ion:	202	Resp:	1172957
Ion	Ratio	Lower	Upper
202	100		
101	10.7	0.0	31.5
203	17.7	0.0	37.2

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#76

Chrysene-d12

Concen: 20.000 ng

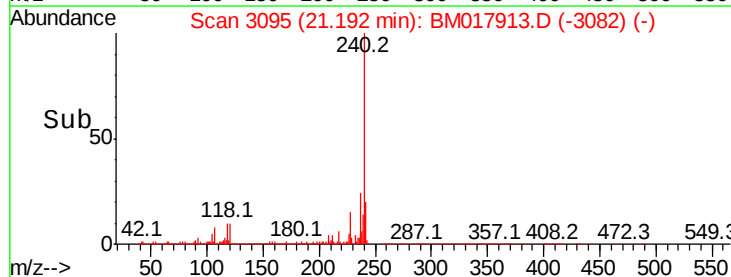
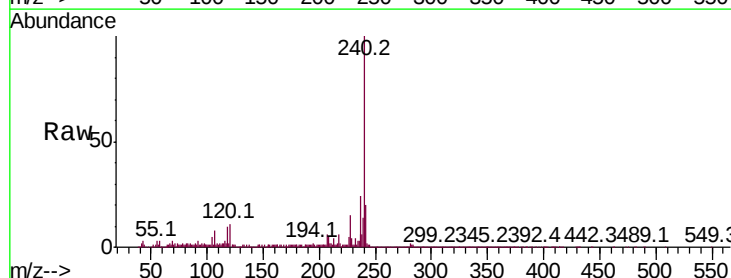
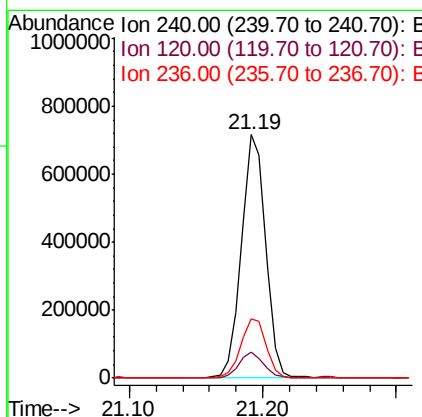
RT: 21.19 min Scan# 3095

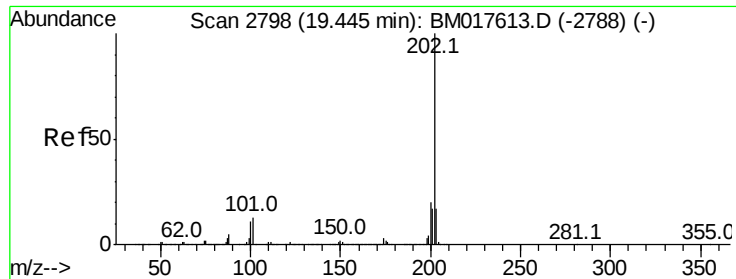
Delta R.T. -0.02 min

Lab File: BM017913.D

Acq: 04 Dec 2018 21:35

Tgt Ion:	240	Resp:	890655
Ion	Ratio	Lower	Upper
240	100		
120	10.7	8.5	12.7
236	24.3	20.4	30.6





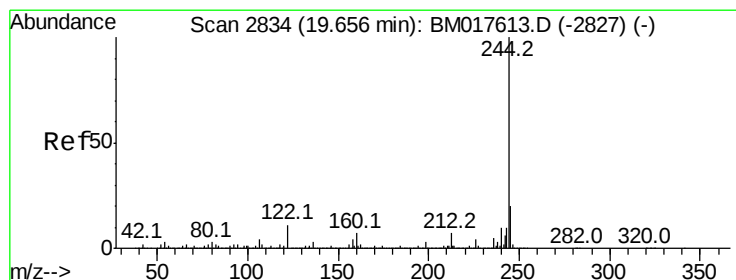
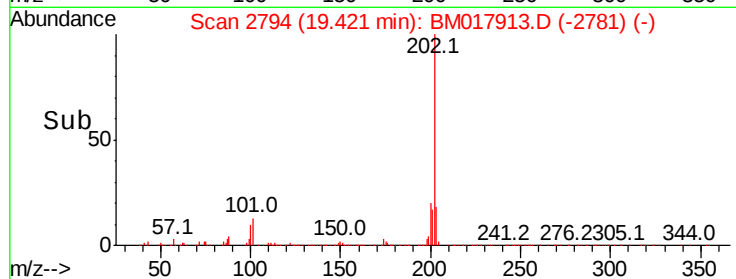
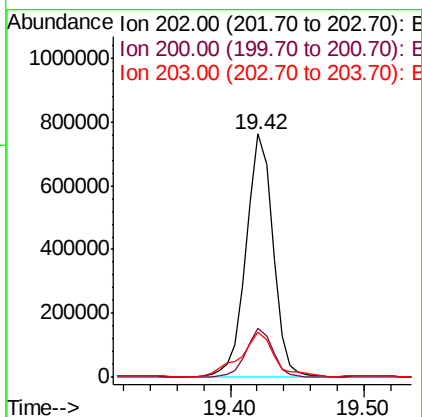
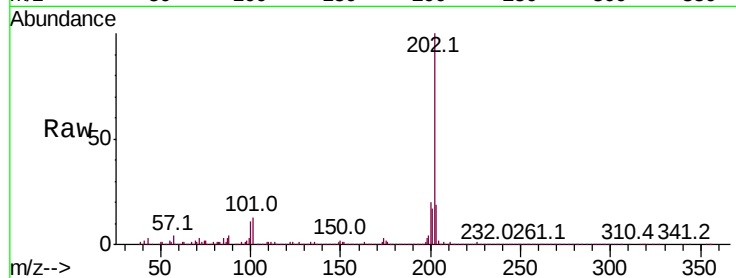
#78
Pvrene
Concen: 19.232 ng
RT: 19.42 min Scan# 2794
Delta R.T. -0.02 min
Lab File: BM017913.D
Acq: 04 Dec 2018 21:35

Instrument :
BNA_M
ClientSampleId :
EO-02-112918-A

Tot Ion	Ratio	Lower	Upper
202	100		
200	20.0	16.4	24.6
203	18.7	13.8	20.8

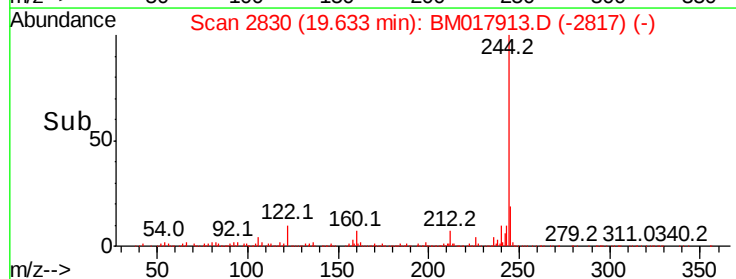
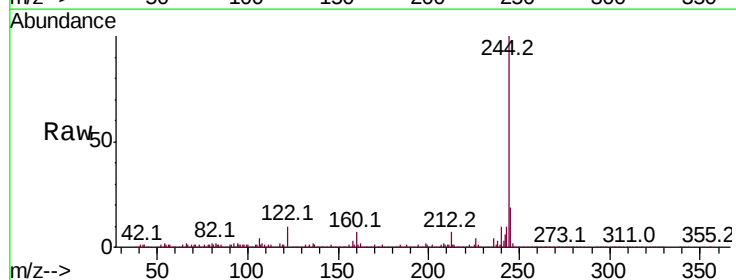
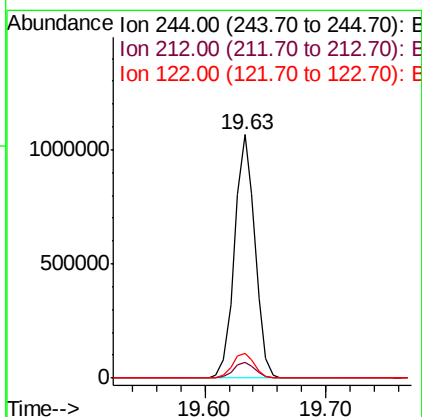
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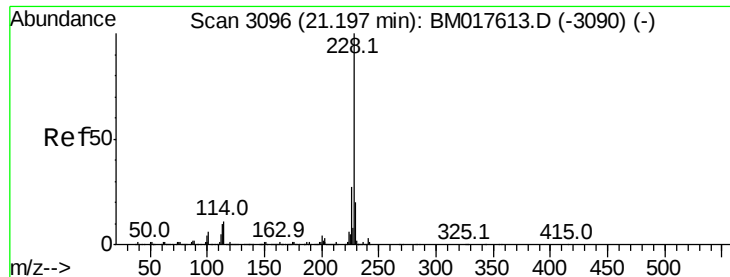
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#79
Terphenyl-d14
Concen: 31.938 ng
RT: 19.63 min Scan# 2830
Delta R.T. -0.02 min
Lab File: BM017913.D
Acq: 04 Dec 2018 21:35

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.8	8.6
122	10.0	9.0	13.6





#81

Benzo(a)anthracene

Concen: 10.037 ng

RT: 21.18 min Scan# 3093

Delta R.T. -0.02 min

Lab File: BM017913.D

Acq: 04 Dec 2018 21:35

Instrument :

BNA_M

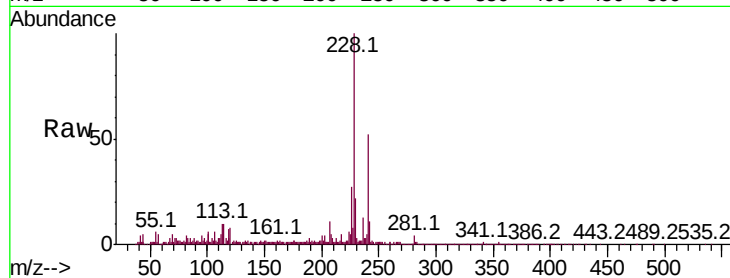
ClientSampleId :

EO-02-112918-A

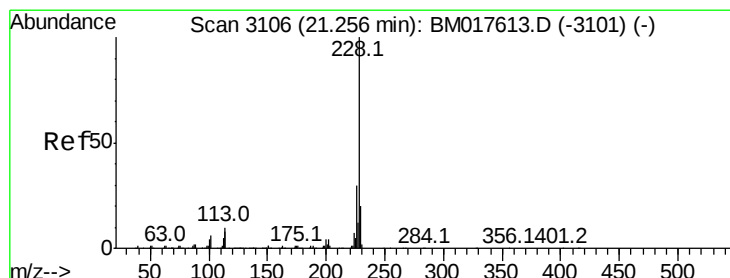
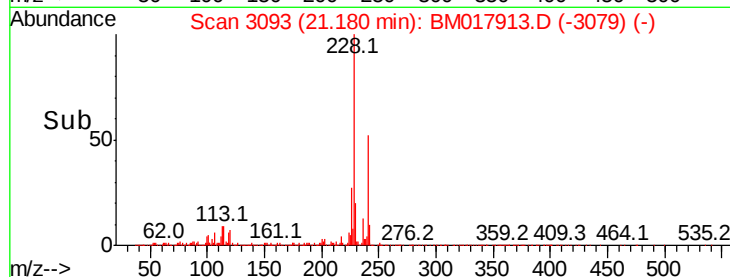
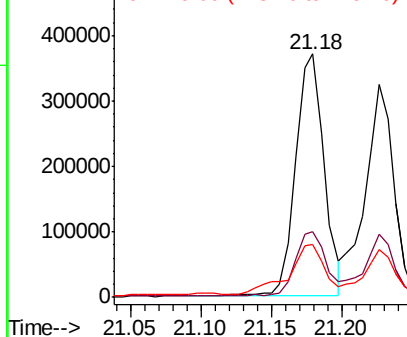
Tot Ion:	228	Resp:	515023
Ion Ratio	Lower	Upper	
228	100		
226	27.1	21.3	31.9
229	21.5	16.0	24.0

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Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#83

Chrysene

Concen: 8.670 ng

RT: 21.23 min Scan# 3101

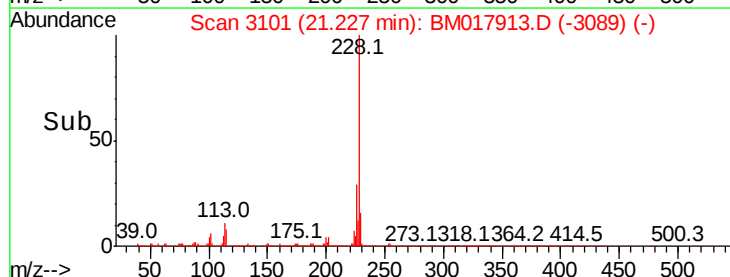
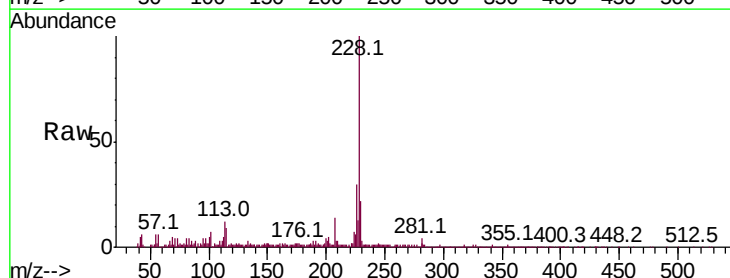
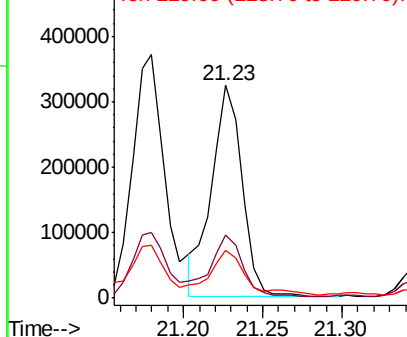
Delta R.T. -0.03 min

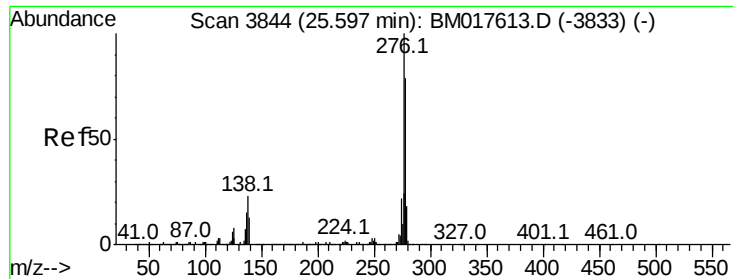
Lab File: BM017913.D

Acq: 04 Dec 2018 21:35

Tgt Ion:	228	Resp:	432090
Ion Ratio	Lower	Upper	
228	100		
226	29.7	23.6	35.4
229	22.5	15.8	23.6

Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E





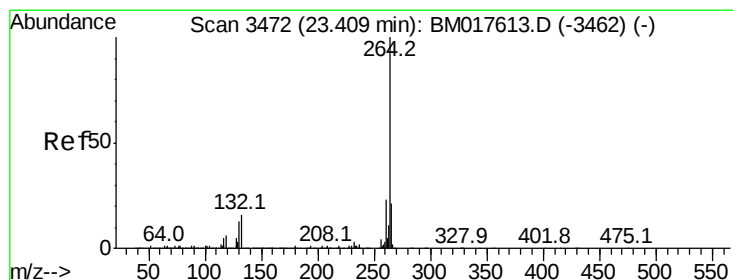
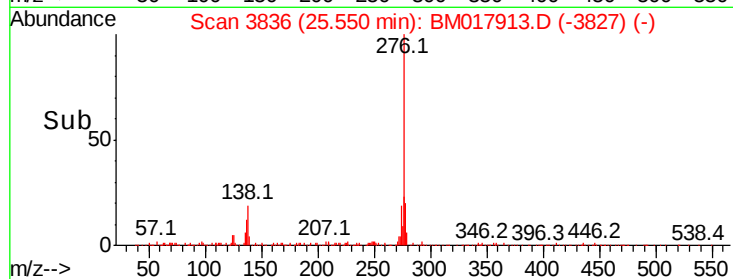
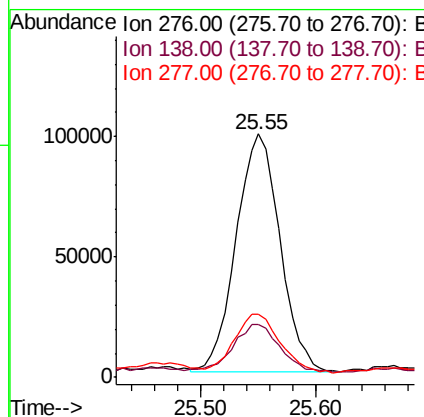
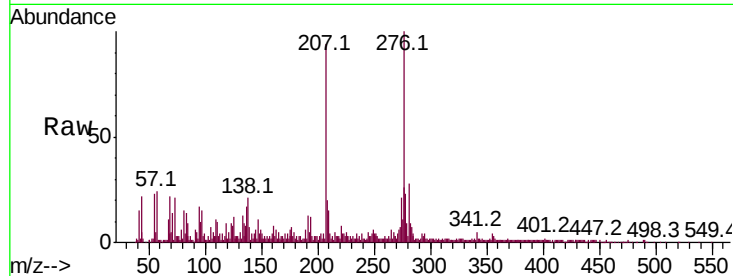
#86
Indeno(1,2,3-cd)pyrene
Concen: 6.579 ng
RT: 25.55 min Scan# 3836
Delta R.T. -0.05 min
Lab File: BM017913.D
Acq: 04 Dec 2018 21:35

Instrument :
BNA_M
ClientSampled :
EO-02-112918-A

Tot Ion	Ratio	Lower	Upper
276	100		
138	21.5	19.1	28.7
277	25.4	20.0	30.0

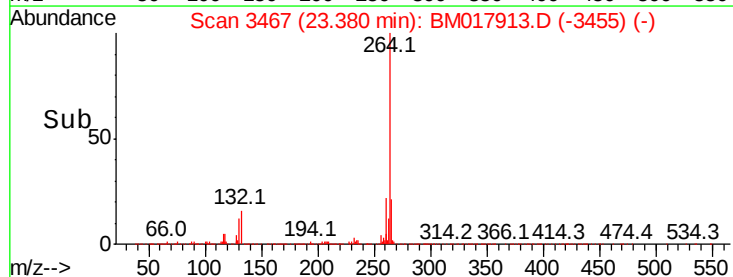
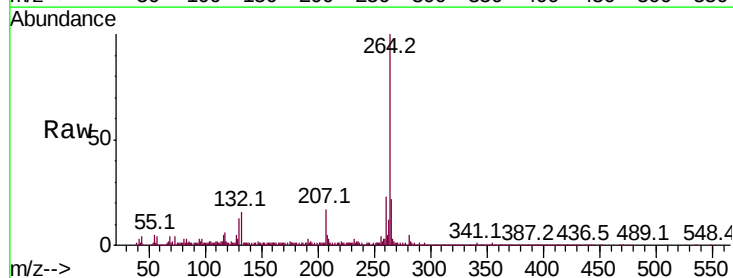
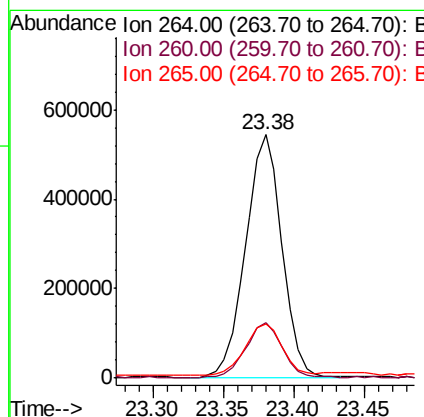
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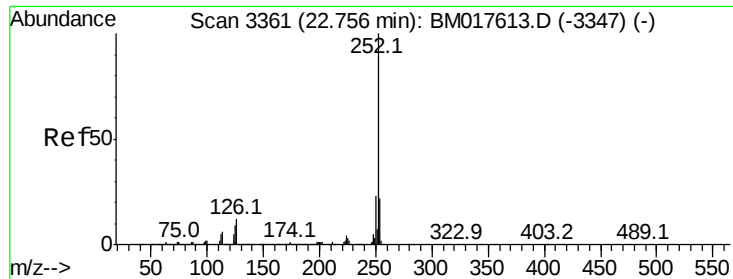
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#87
Perylene-d12
Concen: 20.000 ng
RT: 23.38 min Scan# 3467
Delta R.T. -0.03 min
Lab File: BM017913.D
Acq: 04 Dec 2018 21:35

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.5	18.2	27.2
265	22.0	17.5	26.3





#88

Benzo(b)fluoranthene

Concen: 9.729 ng m

RT: 22.73 min Scan# 3357

Delta R.T. -0.02 min

Lab File: BM017913.D

Acq: 04 Dec 2018 21:35

Instrument :

BNA_M

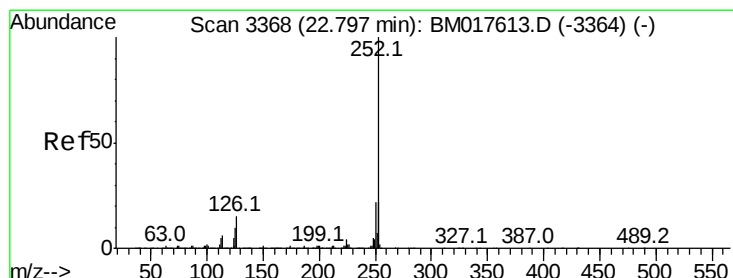
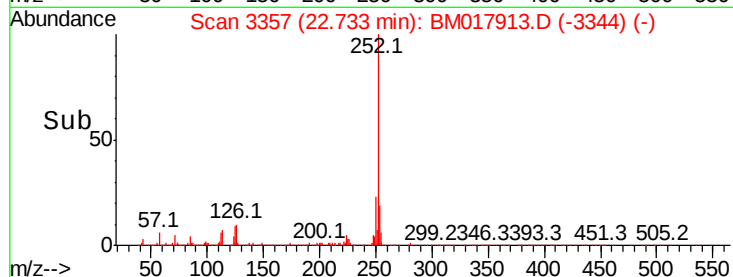
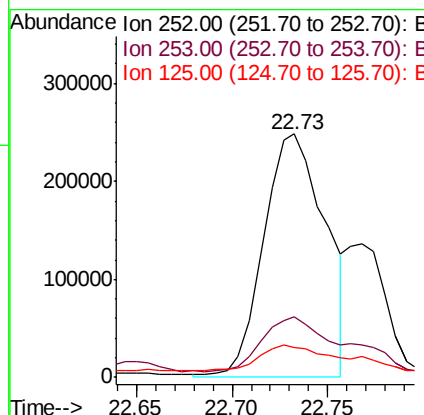
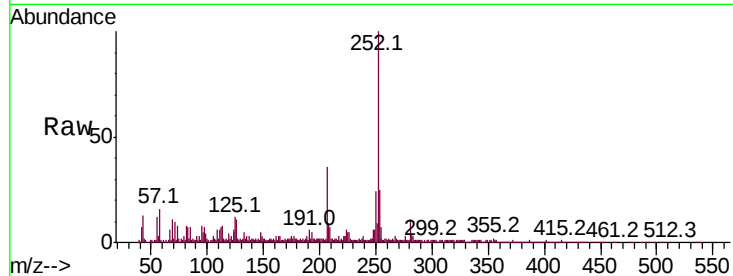
ClientSampleId :

EO-02-112918-A

Tot Ion:	252	Resp:	556894
Ion Ratio	Lower	Upper	
252	100		
253	24.8	17.3	25.9
125	12.2	7.6	11.4#

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#89

Benzo(k)fluoranthene

Concen: 3.416 ng m

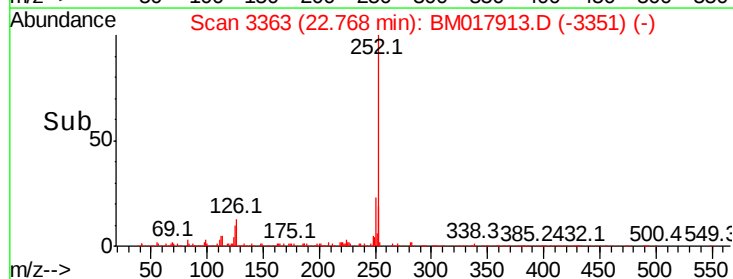
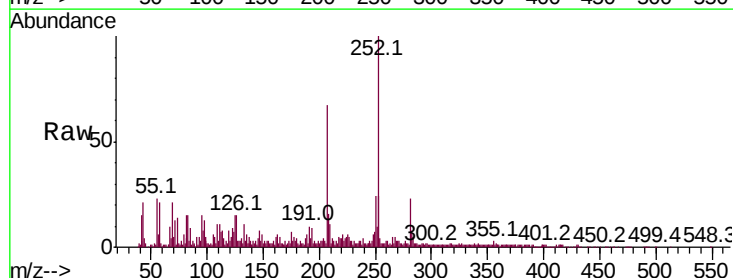
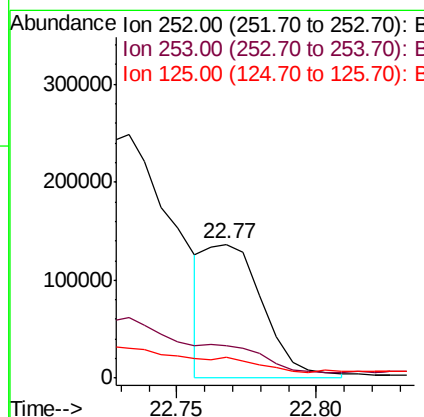
RT: 22.77 min Scan# 3363

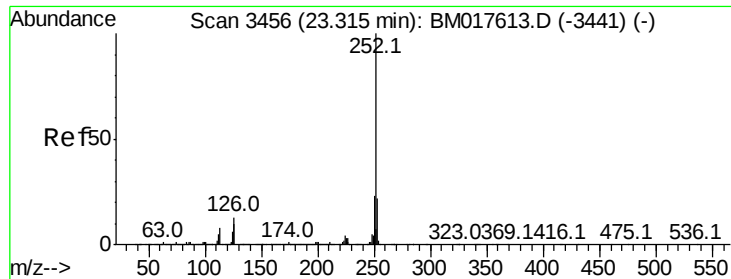
Delta R.T. -0.03 min

Lab File: BM017913.D

Acq: 04 Dec 2018 21:35

Tgt Ion:	252	Resp:	197615
Ion Ratio	Lower	Upper	
252	100		
253	24.4	17.7	26.5
125	15.4	7.9	11.9#





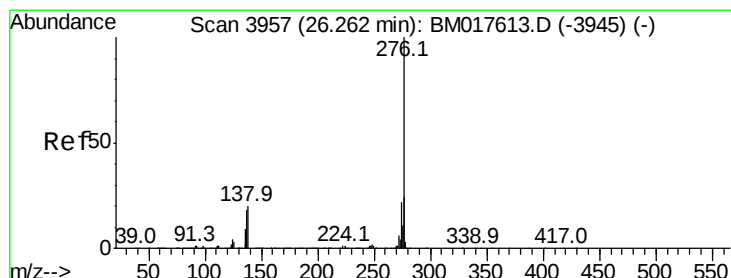
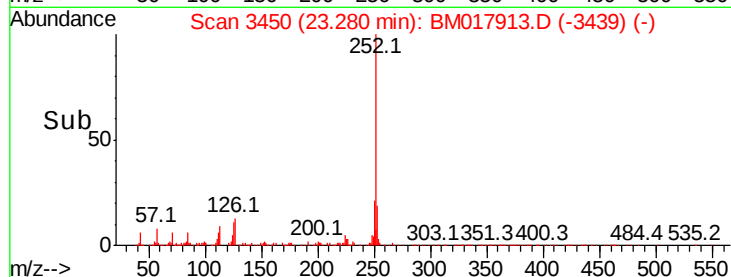
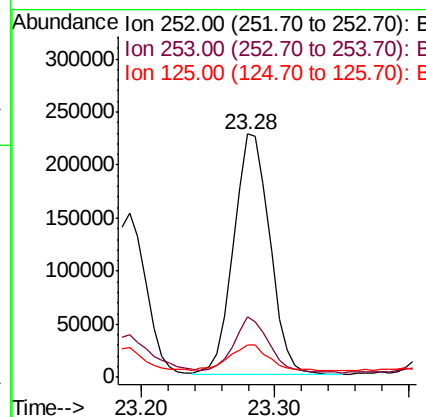
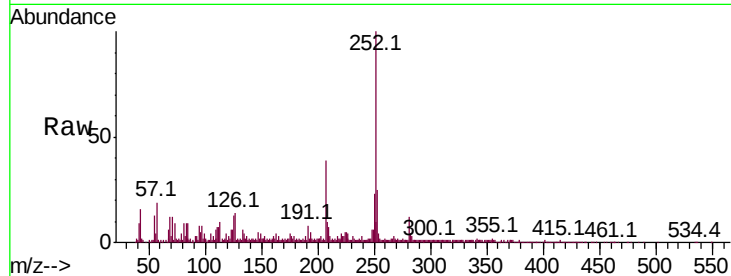
#90
Benzo(a)pyrene
Concen: 8.163 ng
RT: 23.28 min Scan# 3450
Delta R.T. -0.04 min
Lab File: BM017913.D
Acq: 04 Dec 2018 21:35

Instrument :
BNA_M
ClientSampleId :
EO-02-112918-A

Tot Ion	Ratio	Resp Lower	Upper
252	100		
253	24.7	17.4	26.2
125	13.5	8.2	12.2

Manual Integrations
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#92
Benzo(g,h,i)perylene
Concen: 5.936 ng
RT: 26.21 min Scan# 3949
Delta R.T. -0.05 min
Lab File: BM017913.D
Acq: 04 Dec 2018 21:35

Tgt Ion	Ratio	Resp Lower	Upper
276	100		
277	28.7	19.0	28.4
138	21.6	15.9	23.9

