

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM100119\
 Data File : BM022863.D
 Acq On : 01 Oct 2019 20:28
 Operator : JU
 Sample : K4983-07
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BFDM2

Manual Integrations
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Quant Time: Oct 02 13:01:51 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Sep 27 18:03:27 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	233073	20.00	ng/ul	0.00
18) Naphthalene-d8	10.60	136	947509	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.44	164	519422	20.00	ng/ul	-0.01
62) Phenanthrene-d10	17.18	188	876072	20.00	ng/ul	0.00
78) Chrysene-d12	21.36	240	735551	20.00	ng/ul	-0.01
86) Perylene-d12	23.63	264	864280	20.00	ng/ul	-0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.28	96	29222	5.42	ng/uL	0.00
5) Phenol-d5	6.97	99	161344	7.84	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.13	67	295886	26.25	ng/ul	-0.01
9) 2-Chlorophenol-d4	7.34	132	369162	22.26	ng/ul	0.00
13) 4-Methylphenol-d8	8.51	113	262254	15.55	ng/ul	0.00
19) Nitrobenzene-d5	8.96	128	208138	28.46	ng/ul	0.00
22) 2-Nitrophenol-d4	9.68	143	224851	28.16	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.22	165	394979	24.84	ng/ul	-0.01
29) 4-Chloroaniline-d4	10.73	131	229508	11.88	ng/ul	0.00
44) Dimethylphthalate-d6	13.85	166	1127421	27.97	ng/ul	0.00
47) Acenaphthylene-d8	14.13	160	1368839	29.41	ng/ul	0.00
52) 4-Nitrophenol-d4	14.63	143	61491	7.72	ng/ul	0.00
58) Fluorene-d10	15.43	176	932466	27.14	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.54	200	152133	26.68	ng/ul	-0.01
71) Anthracene-d10	17.27	188	1293664	30.24	ng/ul	-0.01
79) Pyrene-d10	19.57	212	1278233	32.29	ng/ul	-0.01
90) Benzo(a)pyrene-d12	23.48	264	1379197	30.85	ng/ul	-0.02

Target Compounds

					Qvalue	
6) Phenol	7.00	94	47394	2.195	ng/ul	99
11) 2-Methylphenol	8.25	108	149878	9.008	ng/ul	100
16) 4-Methylphenol	8.57	108	107331	5.834	ng/ul	97
24) 2,4-Dimethylphenol	9.78	107	2657757m	149.468	ng/ul	
27) 2,4-Dichlorophenol	10.25	162	21065	1.309	ng/ul#	84
28) Naphthalene	10.65	128	2746049	53.664	ng/ul	99
34) 2-Methylnaphthalene	12.26	142	751322	19.583	ng/ul	100
41) 1,1'-Biphenyl	13.27	154	65405	1.538	ng/ul	97
45) Dimethylphthalate	13.89	163	235535	5.688	ng/ul	99
70) Phenanthrene	17.22	178	69098	1.322	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.28	149	37510	1.231	ng/ul#	96

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

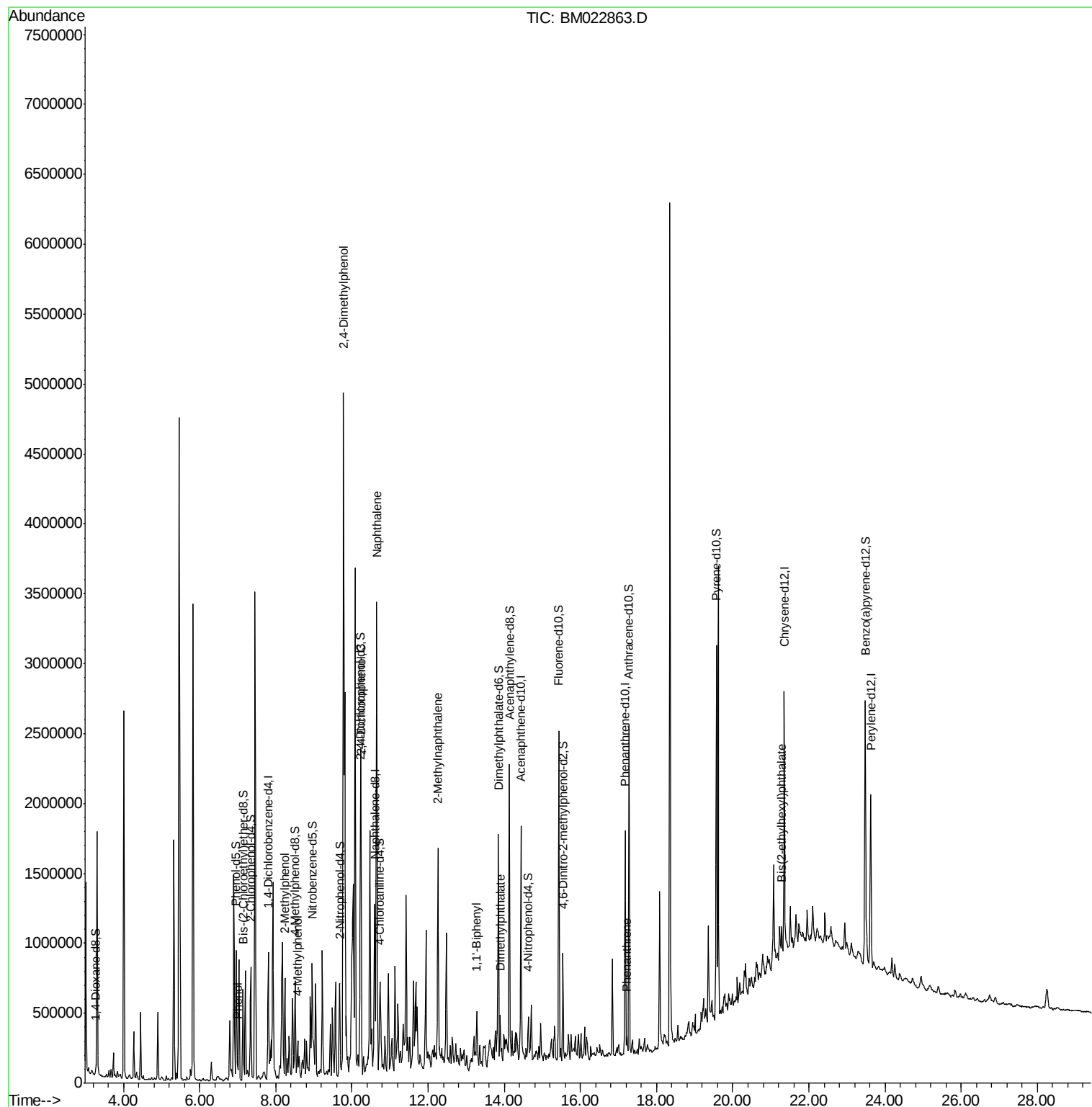
Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM100119\
Data File : BM022863.D
Acq On : 01 Oct 2019 20:28
Operator : JU
Sample : K4983-07
Misc :
ALS Vial : 10 Sample Multiplier: 1

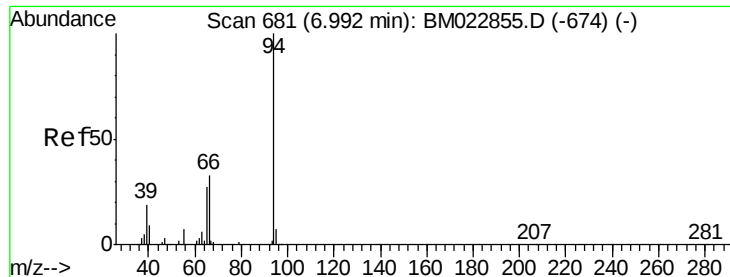
Instrument :
BNA_M
ClientSampleId :
BFD M2

Quant Time: Oct 02 13:01:51 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Sep 27 18:03:27 2019
Response via : Initial Calibration

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#6

Phenol

Concen: 2.195 ng/ul

RT: 7.00 min Scan# 682

Delta R.T. -0.01 min

Lab File: BM022863.D

Acq: 01 Oct 2019 20:28

Instrument :

BNA_M

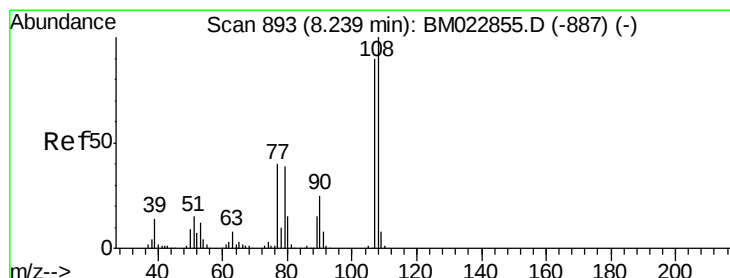
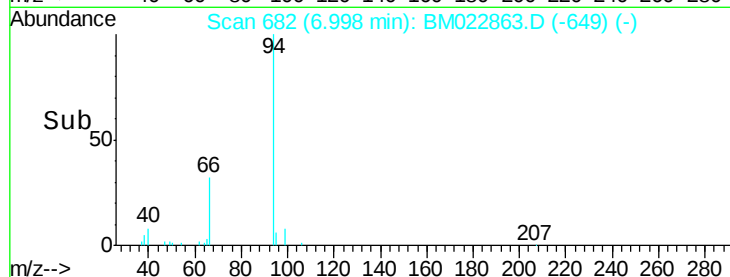
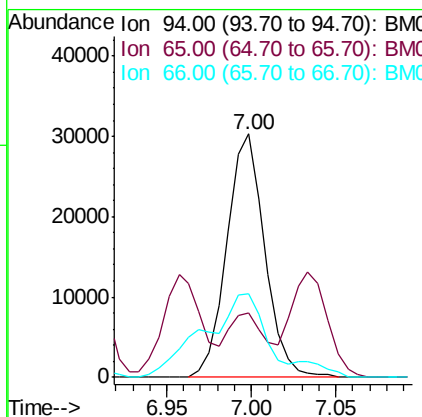
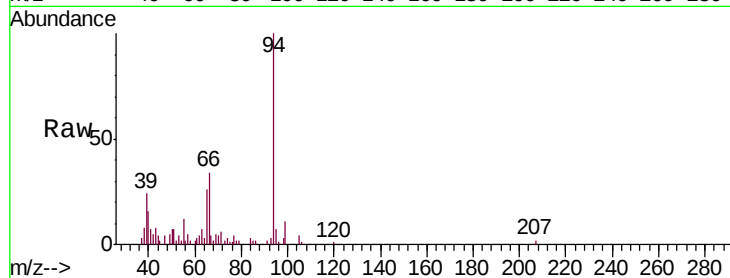
ClientSampleId :

BFDM2

Tgt Ion:	94	Resp:	47394
Ion	Ratio	Lower	Upper
94	100		
65	26.5	20.9	31.3
66	34.2	27.2	40.8

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#11

2-Methylphenol

Concen: 9.008 ng/ul

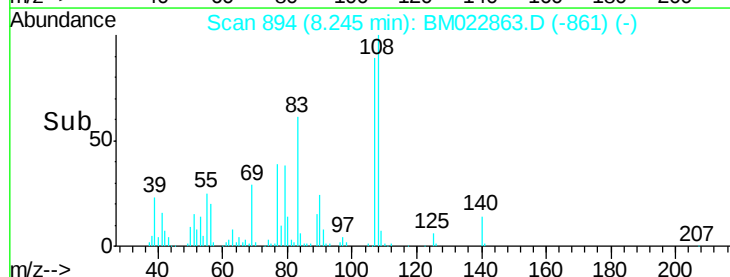
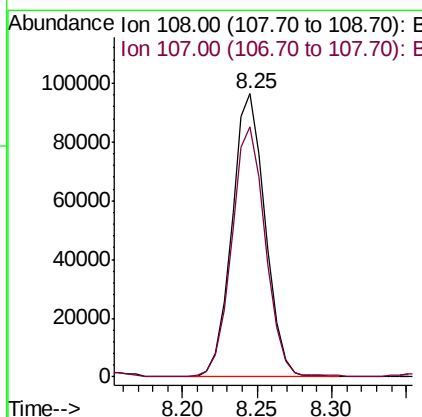
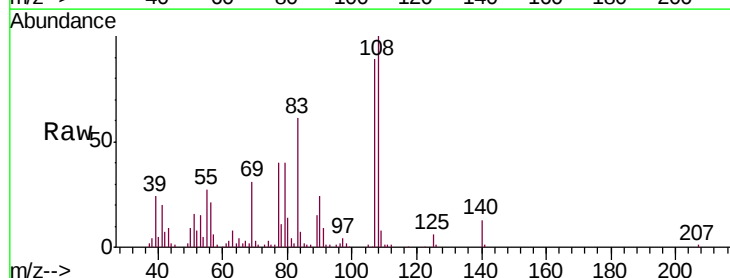
RT: 8.25 min Scan# 894

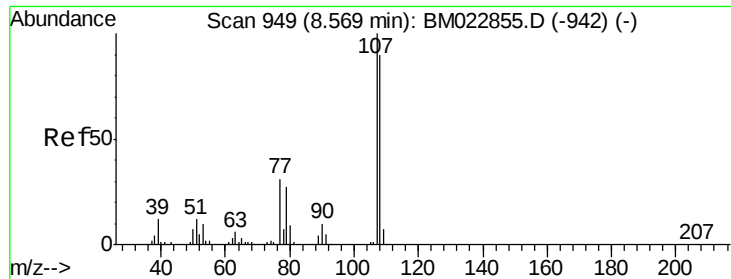
Delta R.T. -0.01 min

Lab File: BM022863.D

Acq: 01 Oct 2019 20:28

Tgt Ion:	108	Resp:	149878
Ion	Ratio	Lower	Upper
108	100		
107	88.5	71.0	106.4





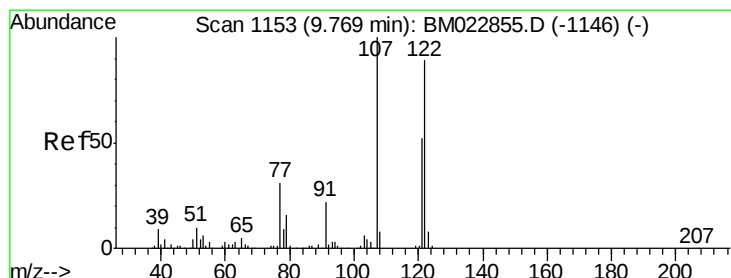
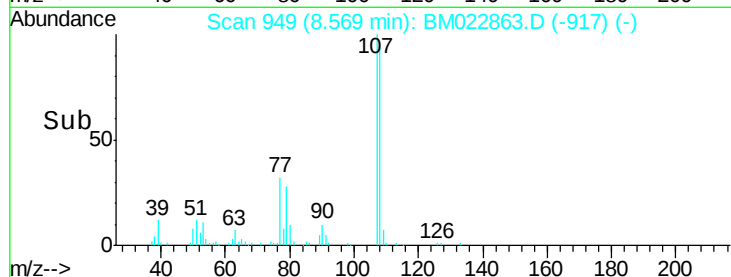
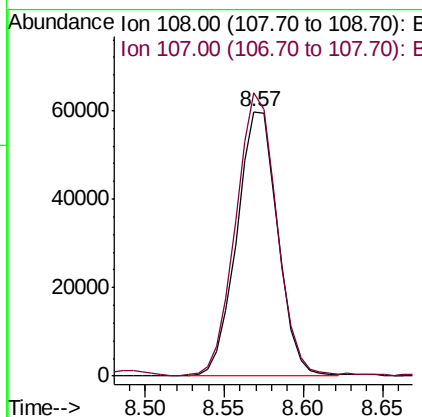
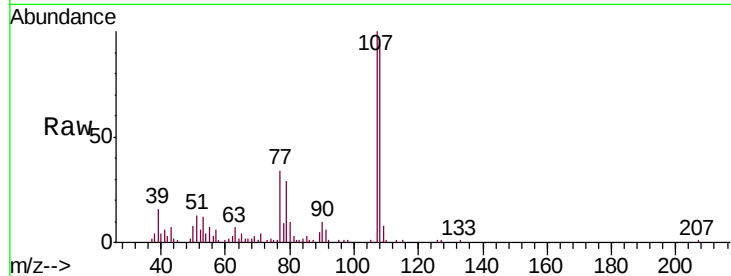
#16
4-Methylphenol
Concen: 5.834 ng/ul
RT: 8.57 min Scan# 949
Delta R.T. -0.01 min
Lab File: BM022863.D
Acq: 01 Oct 2019 20:28

Instrument :
BNA_M
ClientSampleId :
BFDM2

Tgt Ion	Ratio	Resp	Lower	Upper
108	100	107331		
107	106.9	87.9	131.9	

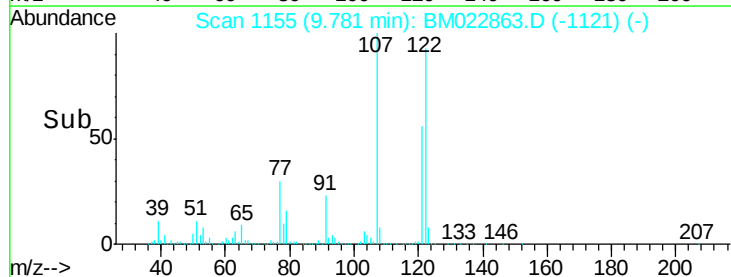
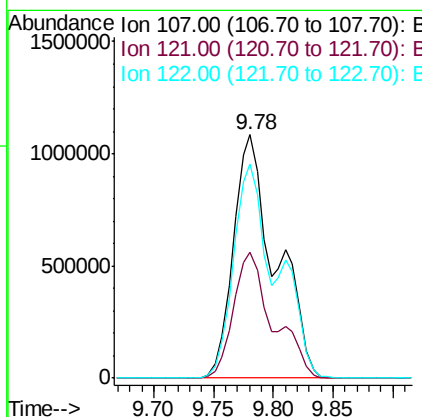
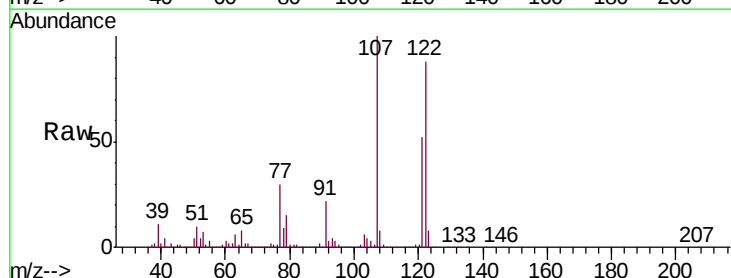
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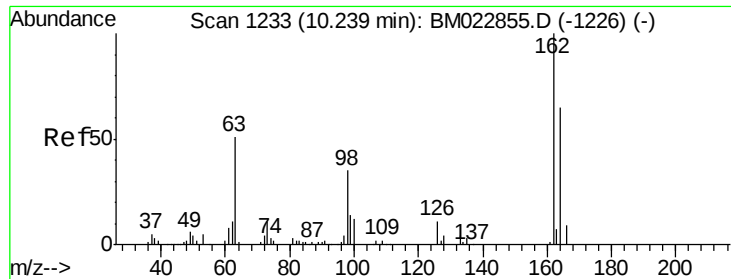
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#24
2,4-Dimethylphenol
Concen: 149.468 ng/ul m
RT: 9.78 min Scan# 1155
Delta R.T. -0.00 min
Lab File: BM022863.D
Acq: 01 Oct 2019 20:28

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	2657757		
121	51.7	43.0	64.4	
122	88.0	71.4	107.0	





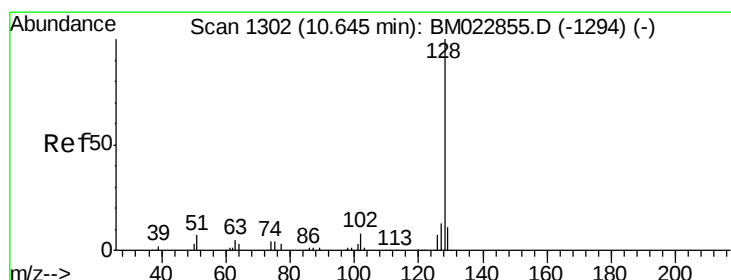
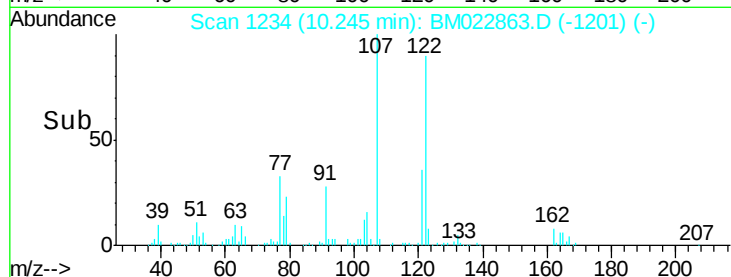
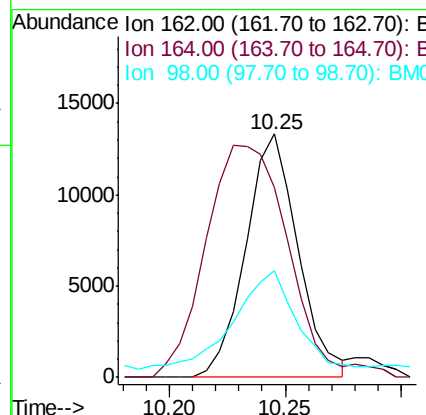
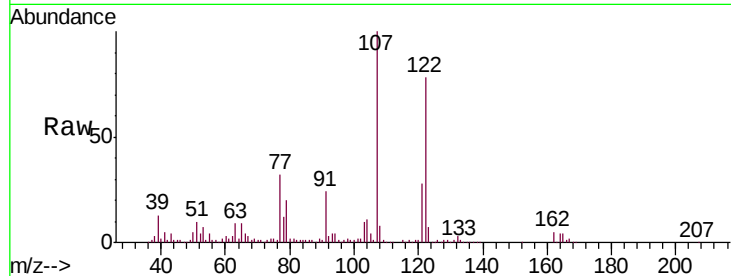
#27
 2,4-Dichlorophenol
 Concen: 1.309 ng/ul
 RT: 10.25 min Scan# 1234
 Delta R.T. -0.01 min
 Lab File: BM022863.D
 Acq: 01 Oct 2019 20:28

Instrument :
 BNA_M
 ClientSampleId :
 BFDM2

Tgt Ion	Ratio	Resp Lower	Upper
162	100		
164	77.9	52.3	78.5
98	43.6	27.4	41.2

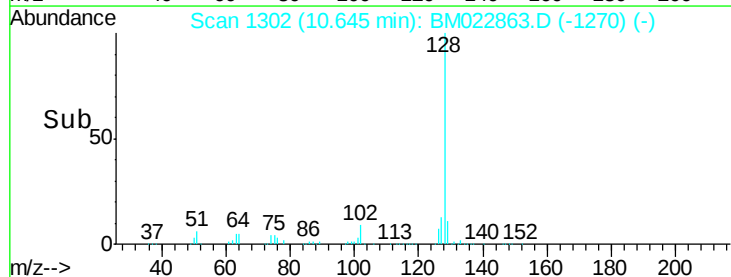
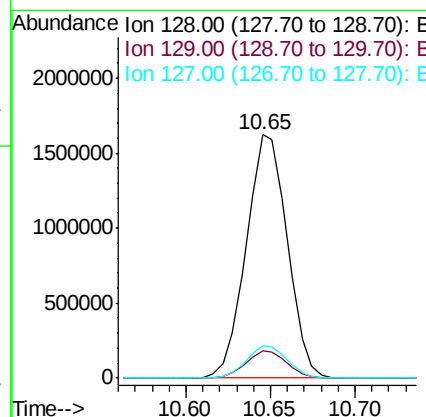
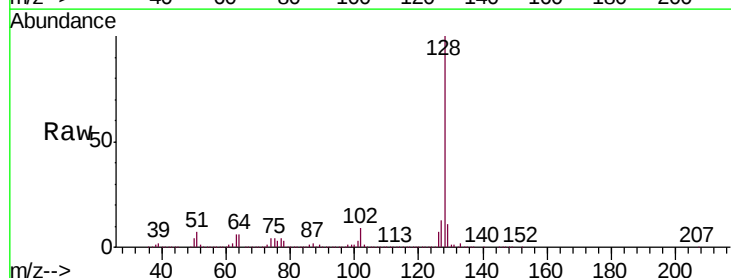
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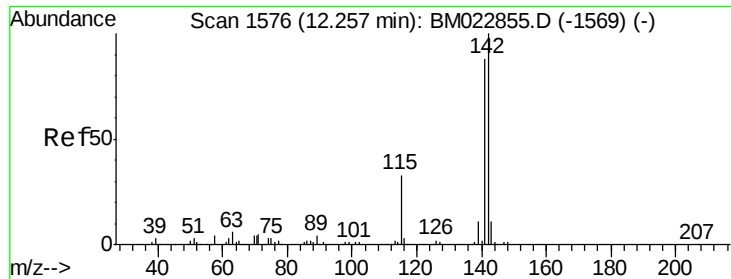
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#28
 Naphthalene
 Concen: 53.664 ng/ul
 RT: 10.65 min Scan# 1302
 Delta R.T. -0.01 min
 Lab File: BM022863.D
 Acq: 01 Oct 2019 20:28

Tgt Ion	Ratio	Resp Lower	Upper
128	100		
129	11.2	8.6	13.0
127	13.2	10.2	15.4





#34

2-Methylnaphthalene

Concen: 19.583 ng/ul

RT: 12.26 min Scan# 1576

Delta R.T. -0.01 min

Lab File: BM022863.D

Acq: 01 Oct 2019 20:28

Instrument :

BNA_M

ClientSampled :

BFDM2

Tgt Ion:142 Resp: 751322

Ion Ratio Lower Upper

142 100

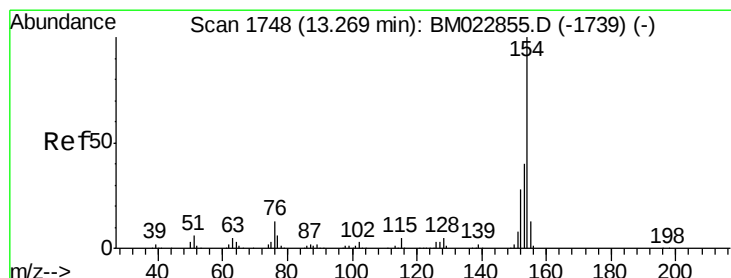
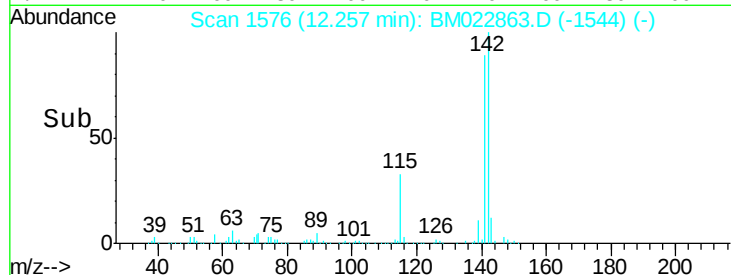
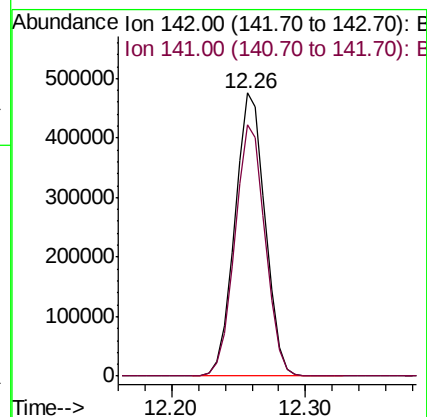
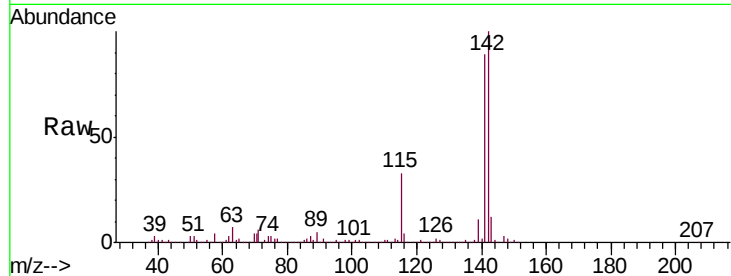
141 88.7 71.2 106.8

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#41

1,1'-Biphenyl

Concen: 1.538 ng/ul

RT: 13.27 min Scan# 1748

Delta R.T. -0.01 min

Lab File: BM022863.D

Acq: 01 Oct 2019 20:28

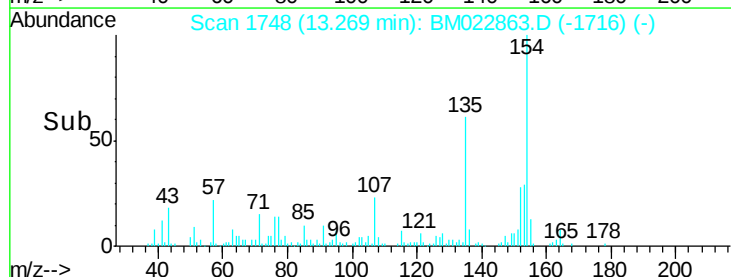
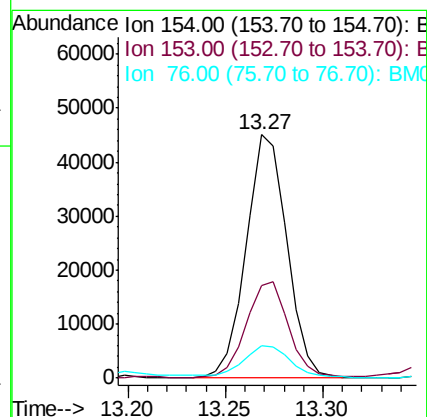
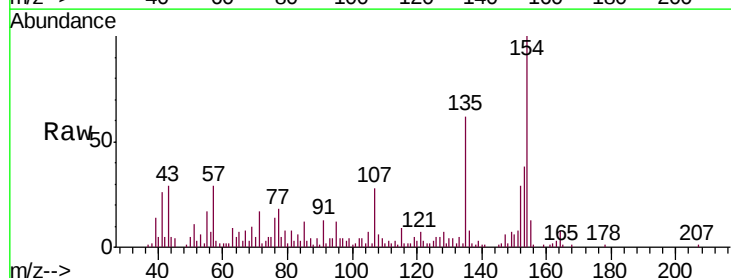
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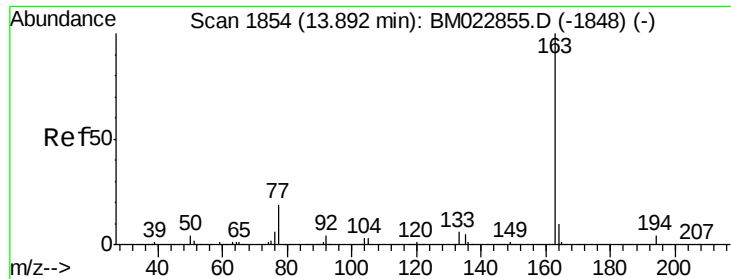
Ion Ratio Lower Upper

154 100

153 38.0 31.8 47.6

76 13.5 9.6 14.4





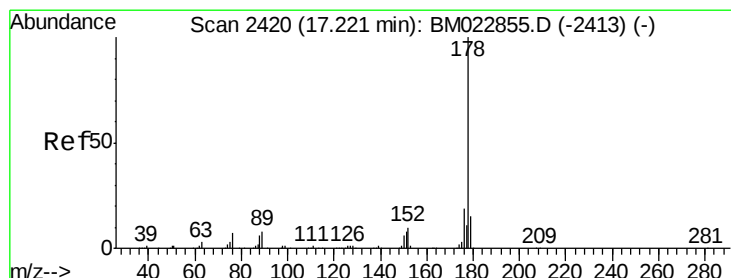
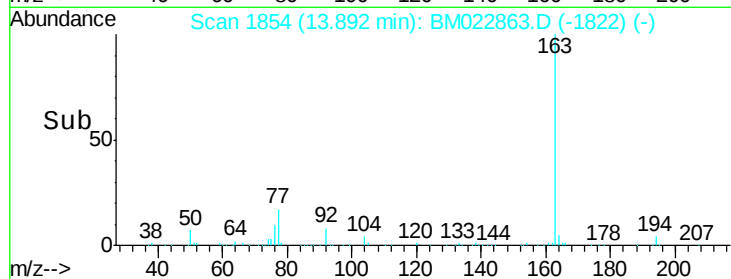
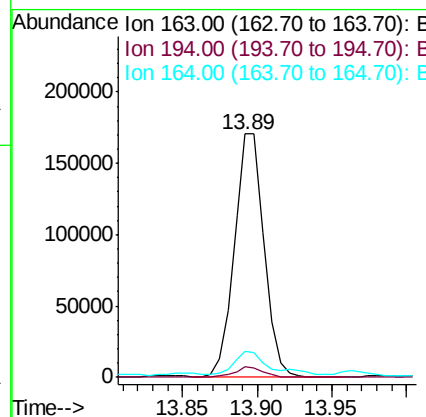
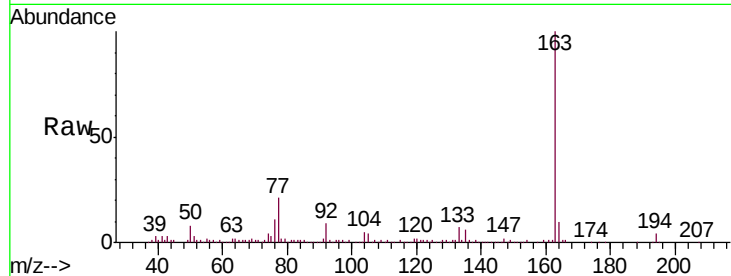
#45
Dimethylphthalate
Concen: 5.688 ng/ul
RT: 13.89 min Scan# 1854
Delta R.T. -0.01 min
Lab File: BM022863.D
Acq: 01 Oct 2019 20:28

Instrument :
BNA_M
ClientSampleId :
BFDM2

Tgt Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	4.2	3.4	5.0
164	10.5	8.1	12.1

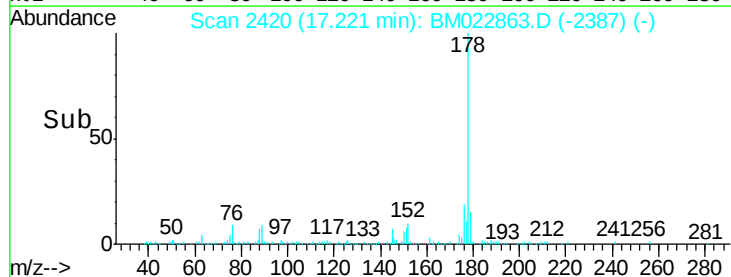
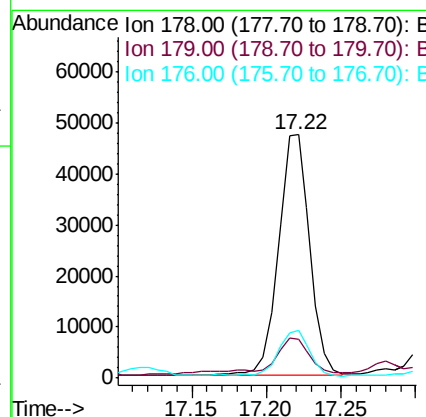
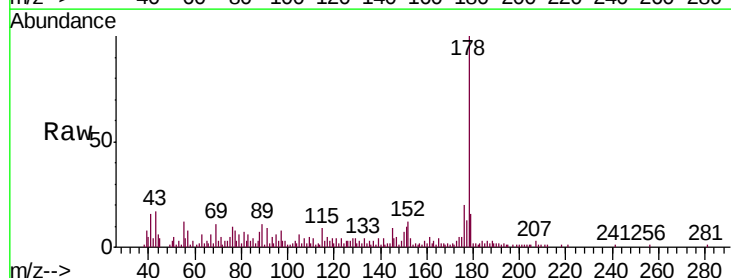
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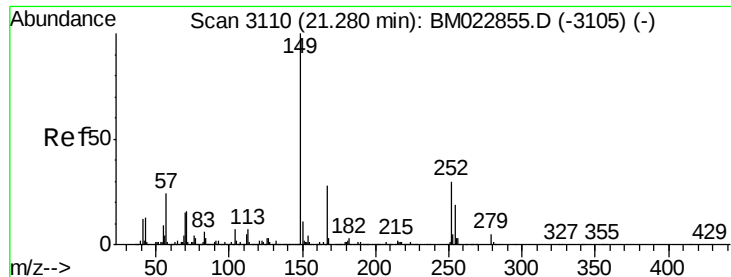
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#70
Phenanthrene
Concen: 1.322 ng/ul
RT: 17.22 min Scan# 2420
Delta R.T. -0.01 min
Lab File: BM022863.D
Acq: 01 Oct 2019 20:28

Tgt Ion	Ratio	Resp Lower	Resp Upper
178	100		
179	16.1	12.4	18.6
176	19.7	15.3	22.9





#84
 Bis(2-ethylhexyl)phthalate
 Concen: 1.231 ng/ul
 RT: 21.28 min Scan# 3110
 Delta R.T. -0.01 min
 Lab File: BM022863.D
 Acq: 01 Oct 2019 20:28

Instrument :
 BNA_M
 ClientSampleId :
 BFDM2

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
167	29.9	22.1	33.1
279	5.0	3.3	4.9

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