

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM012920\
 Data File : BM024653.D
 Acq On : 29 Jan 2020 16:53
 Operator : CG/JU
 Sample : L1278-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 TONNELE-AVE-01

Manual Integrations
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Quant Time: Jan 30 03:46:40 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM012320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 23 14:57:07 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.44	152	401264	20.00	ng	0.00
21) Naphthalene-d8	10.20	136	1471635	20.00	ng	0.00
39) Acenaphthene-d10	14.09	164	856002	20.00	ng	0.00
64) Phenanthrene-d10	16.84	188	1497500	20.00	ng	0.00
76) Chrysene-d12	21.05	240	1233808	20.00	ng	0.00
87) Perylene-d12	23.16	264	1505266	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.09	112	2264742	107.34	ng	0.00
7) Phenol-d6	6.65	99	2831352	97.41	ng	0.00
23) Nitrobenzene-d5	8.58	82	1822036	60.72	ng	0.00
42) 2,4,6-Tribromophenol	15.59	330	1224882	87.97	ng	0.00
45) 2-Fluorobiphenyl	12.70	172	4622562	73.42	ng	0.00
79) Terphenyl-d14	19.50	244	4901647	74.17	ng	0.00
Target Compounds						
10) Phenol	6.67	94	144158	4.975	ng	98
50) Dimethylphthalate	13.56	163	601052	8.683	ng	100
71) Phenanthrene	16.88	178	410565	5.063	ng	98
75) Fluoranthene	18.91	202	706829	6.984	ng	98
78) Pyrene	19.27	202	670841	8.248	ng	99
81) Benzo(a)anthracene	21.03	228	379054	4.426	ng	96
83) Chrysene	21.09	228	366972	4.491	ng	97
86) Indeno(1,2,3-cd)pyrene	25.23	276	210848	2.367	ng	97
88) Benzo(b)fluoranthene	22.54	252	475825m	4.874	ng	
90) Benzo(a)pyrene	23.07	252	327119	3.685	ng	96
92) Benzo(a,h,i)perylene	25.86	276	223887	2.927	ng	97

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

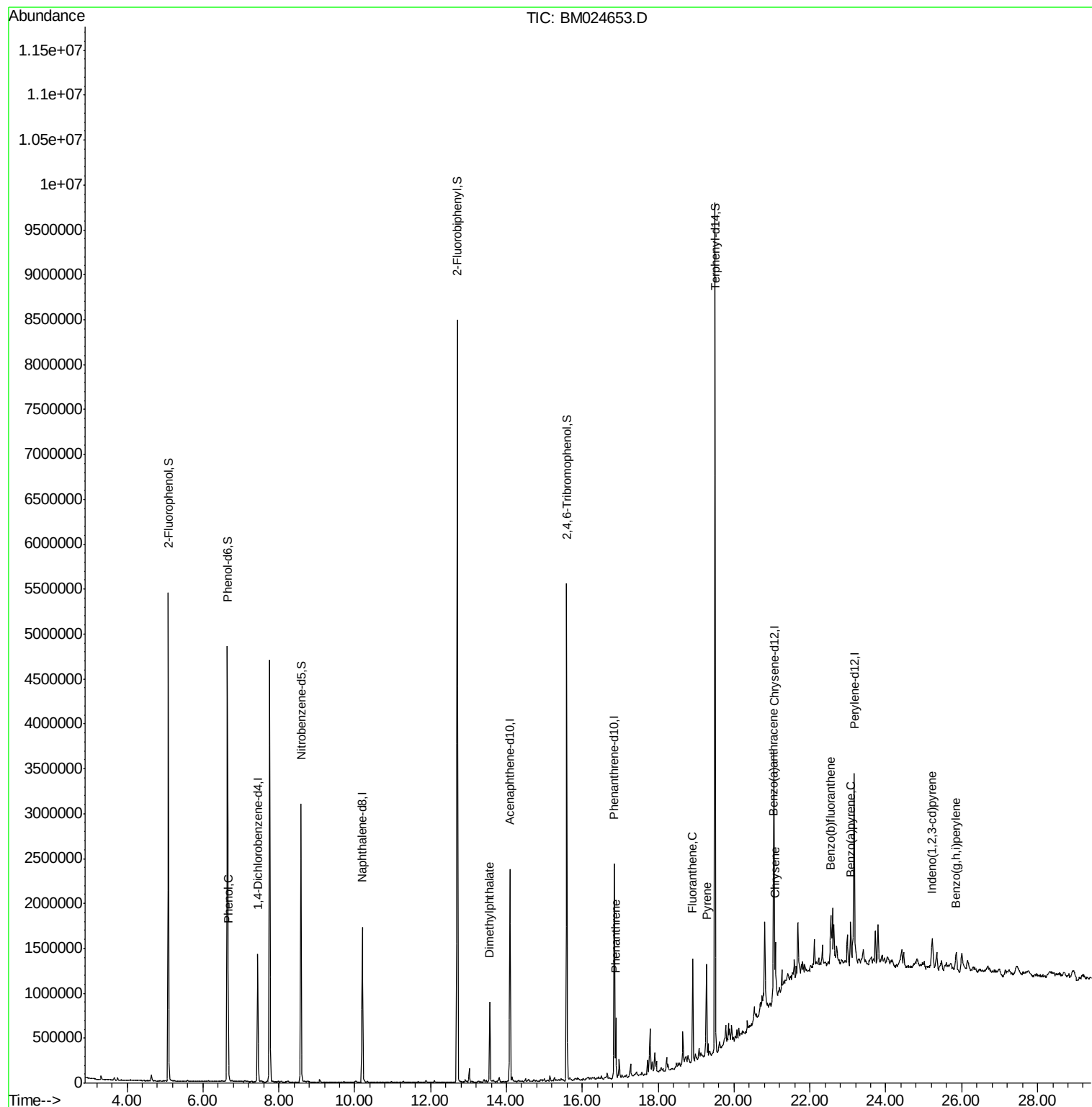
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM012920\
Data File : BM024653.D
Acq On : 29 Jan 2020 16:53
Operator : CG/JU
Sample : L1278-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

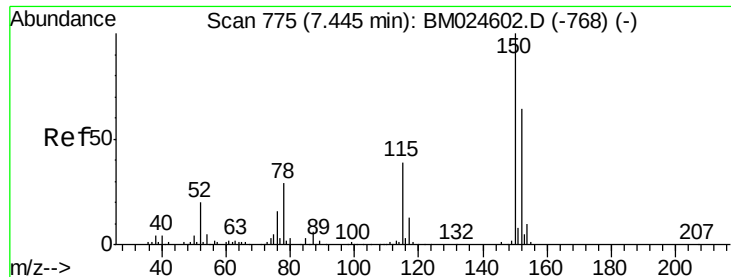
Instrument :
BNA_M
ClientSampleId :
TONNELE-AVE-01

Quant Time: Jan 30 03:46:40 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM012320.M
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#1

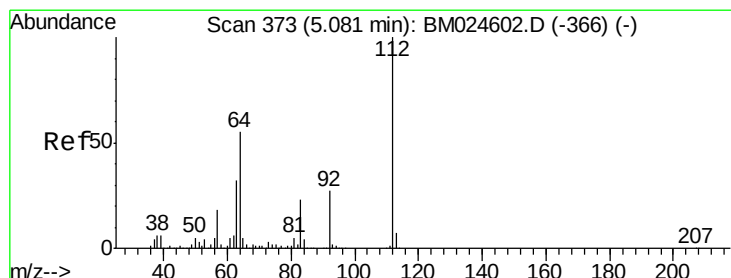
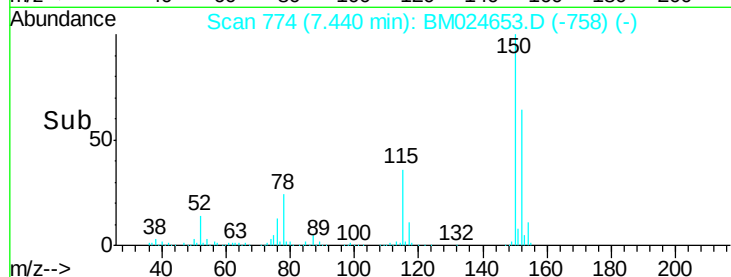
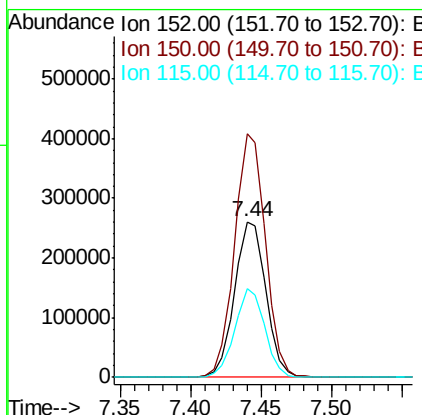
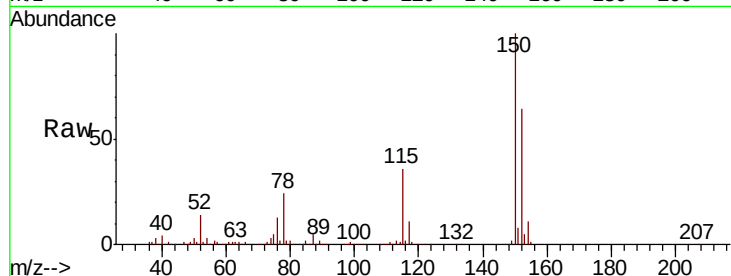
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.44 min Scan# 774
Delta R.T. -0.01 min
Lab File: BM024653.D
Acq: 29 Jan 2020 16:53

Instrument :
BNA_M
ClientSampleId :
TONNELE-AVE-01

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.7	124.2	186.4
115	57.1	48.6	72.8

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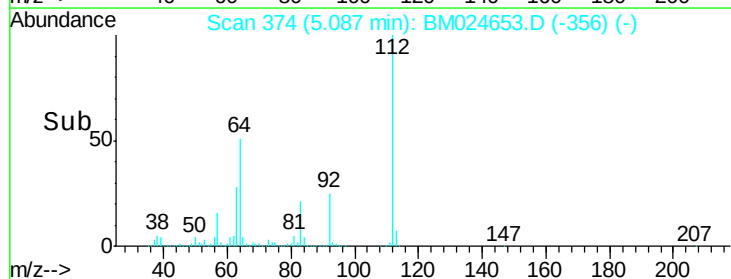
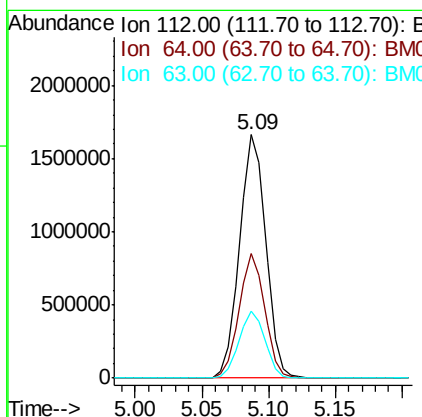
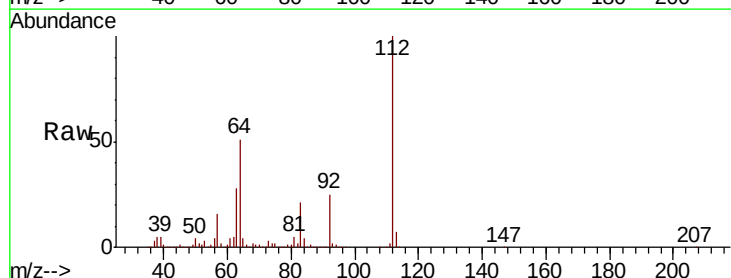
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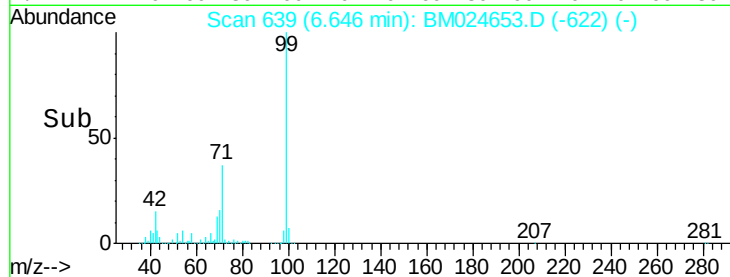
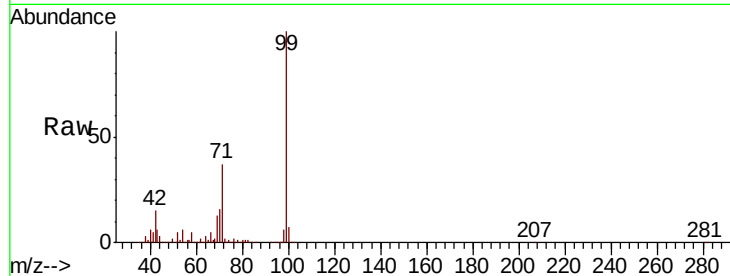
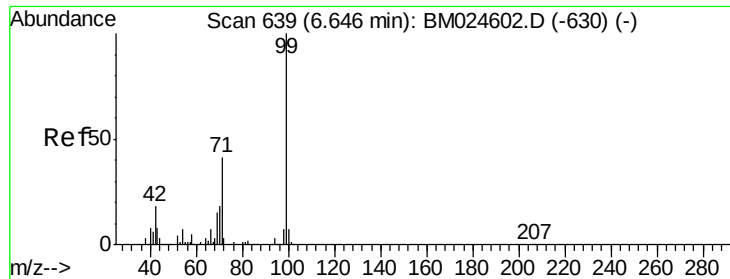


#5

2-Fluorophenol
Concen: 107.336 ng
RT: 5.09 min Scan# 374
Delta R.T. 0.01 min
Lab File: BM024653.D
Acq: 29 Jan 2020 16:53

Tgt Ion	Ratio	Lower	Upper
112	100		
64	51.0	44.2	66.4
63	27.7	25.9	38.9





#7

Phenol-d6

Concen: 97.410 ng

RT: 6.65 min Scan# 639

Delta R.T. 0.00 min

Lab File: BM024653.D

Acq: 29 Jan 2020 16:53

Tot Ion: 99 Resp: 2831352

Ion Ratio Lower Upper

99 100

42 14.6 14.1 21.1

71 37.0 33.0 49.6

Instrument :

BNA_M

ClientSampleId :

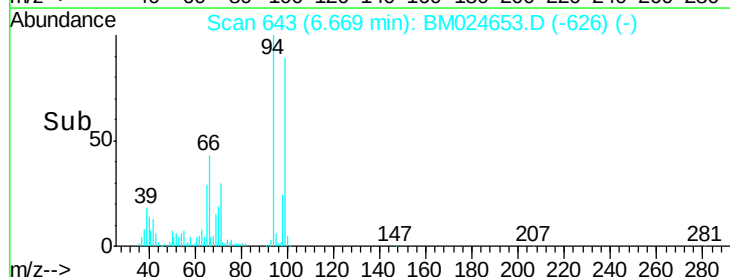
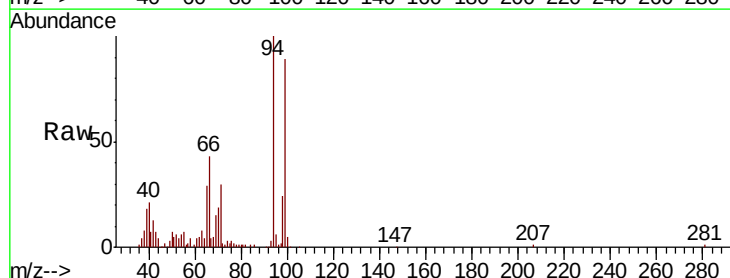
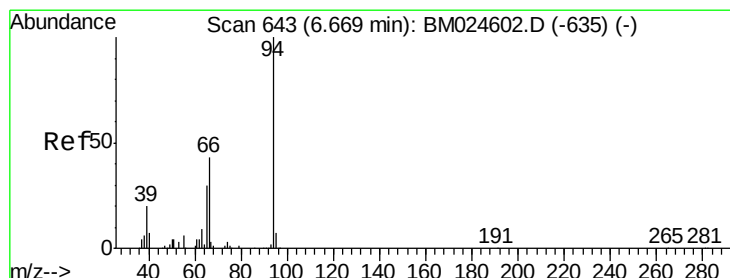
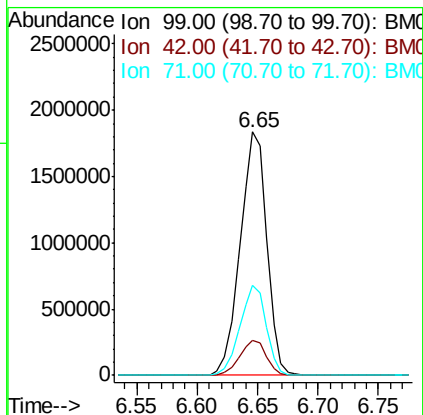
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#10

Phenol

Concen: 4.975 ng

RT: 6.67 min Scan# 643

Delta R.T. 0.00 min

Lab File: BM024653.D

Acq: 29 Jan 2020 16:53

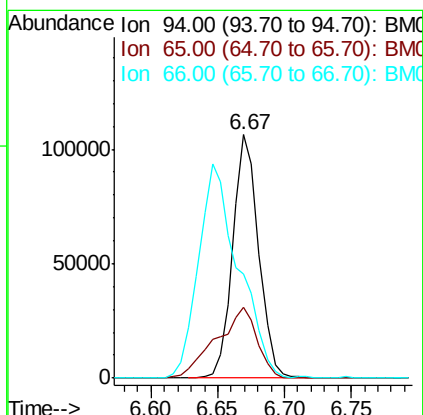
Tgt Ion: 94 Resp: 144158

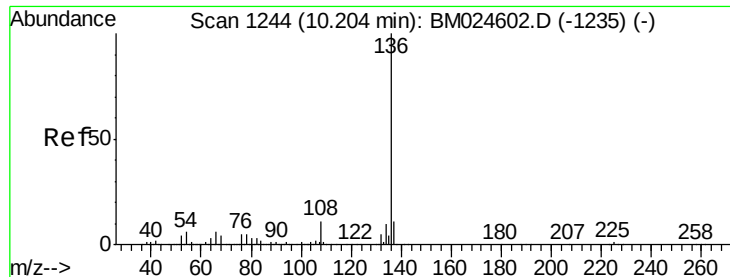
Ion Ratio Lower Upper

94 100

65 29.3 10.3 50.3

66 43.0 24.8 64.8





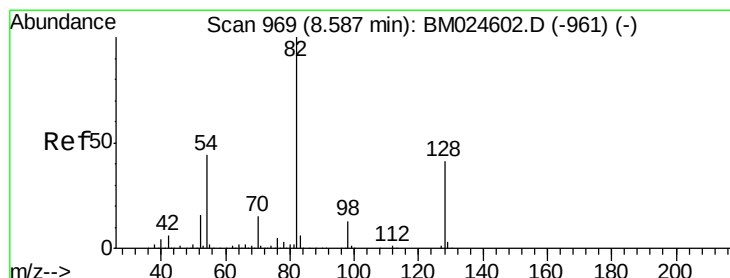
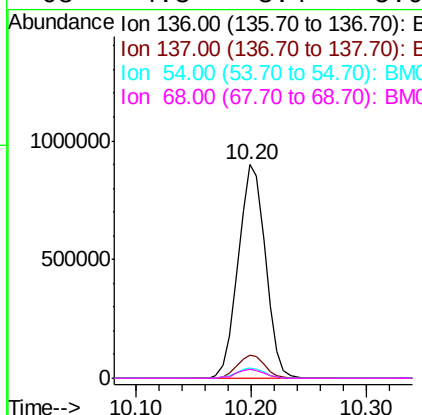
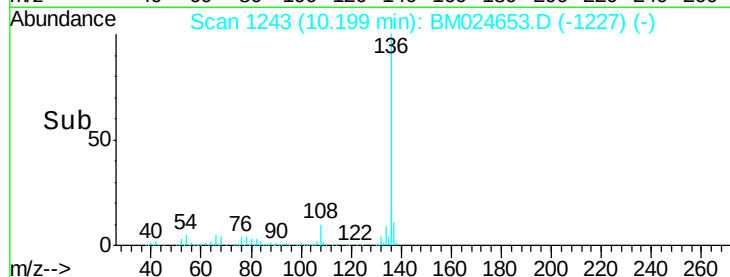
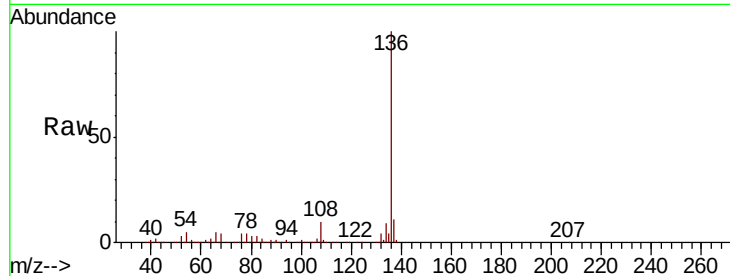
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.20 min Scan# 1243
Delta R.T. -0.01 min
Lab File: BM024653.D
Acq: 29 Jan 2020 16:53

Instrument :
BNA_M
ClientSampleId :
TONNELE-AVE-01

Tot Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	13.0
54	4.6	4.5	6.7
68	4.3	3.4	5.0

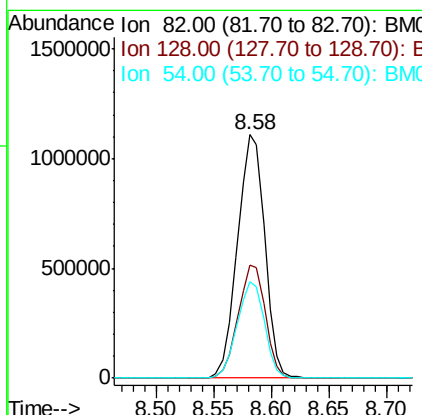
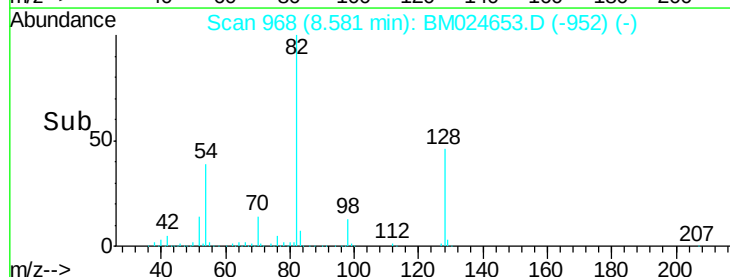
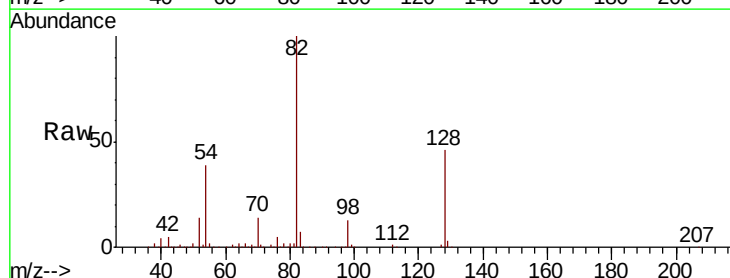
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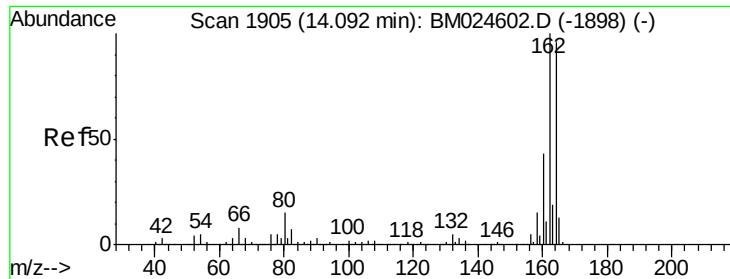
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#23
Nitrobenzene-d5
Concen: 60.718 ng
RT: 8.58 min Scan# 968
Delta R.T. -0.01 min
Lab File: BM024653.D
Acq: 29 Jan 2020 16:53

Tgt Ion	Ratio	Lower	Upper
82	100		
128	46.4	32.6	48.8
54	39.4	34.8	52.2





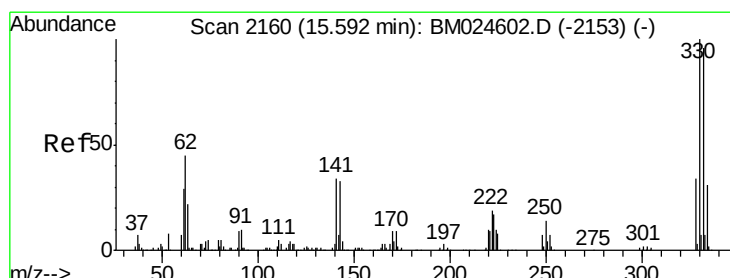
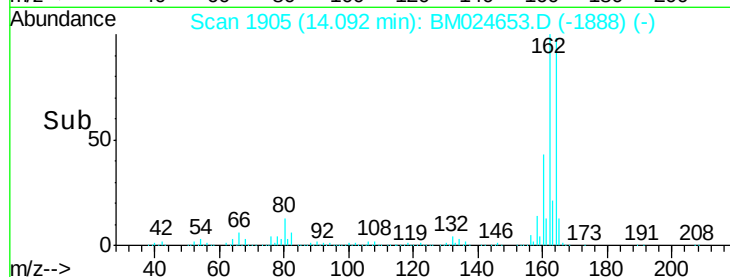
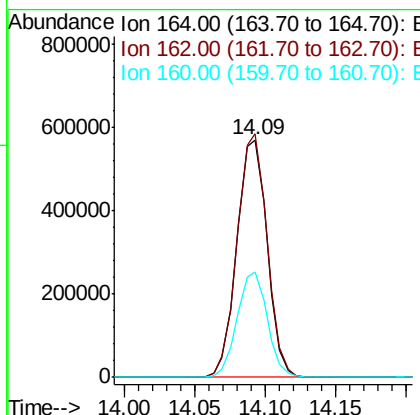
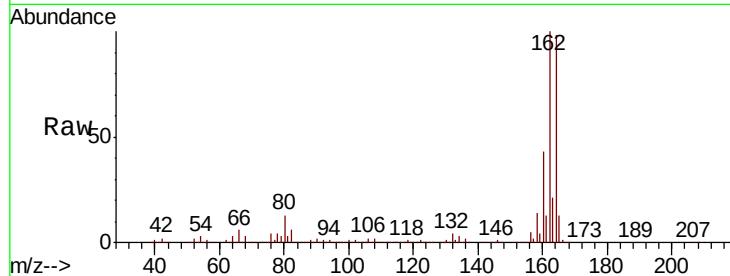
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.09 min Scan# 1905
 Delta R.T. 0.00 min
 Lab File: BM024653.D
 Acq: 29 Jan 2020 16:53

Instrument :
 BNA_M
 ClientSampleId :
 TONNELE-AVE-01

Tot Ion	Ratio	Lower	Upper
164	100		
162	102.4	82.9	124.3
160	44.3	35.5	53.3

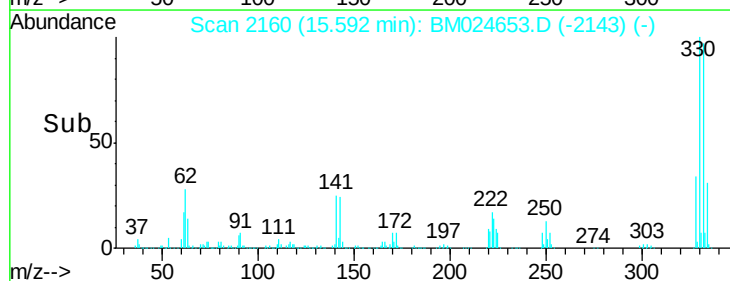
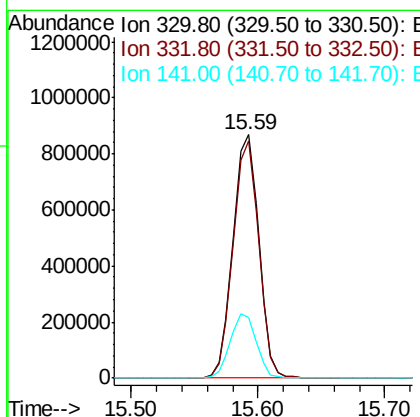
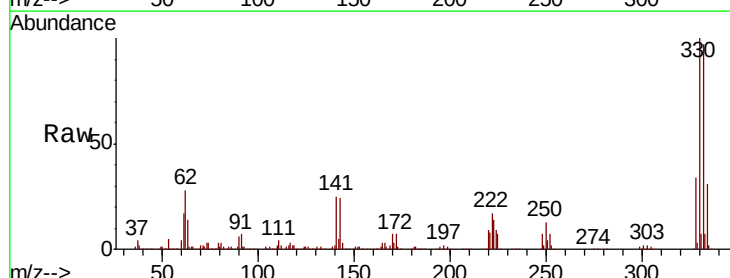
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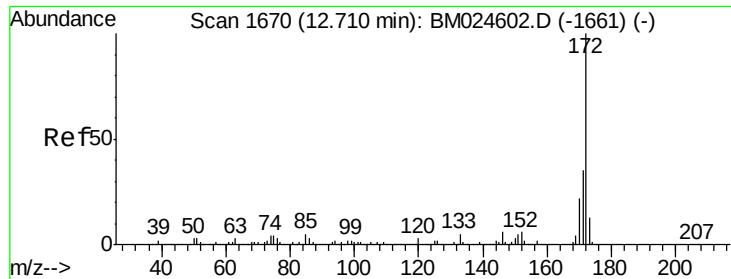
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#42
 2,4,6-Tribromophenol
 Concen: 87.968 ng
 RT: 15.59 min Scan# 2160
 Delta R.T. 0.00 min
 Lab File: BM024653.D
 Acq: 29 Jan 2020 16:53

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.3	77.2	115.8
141	26.7	26.9	40.3#





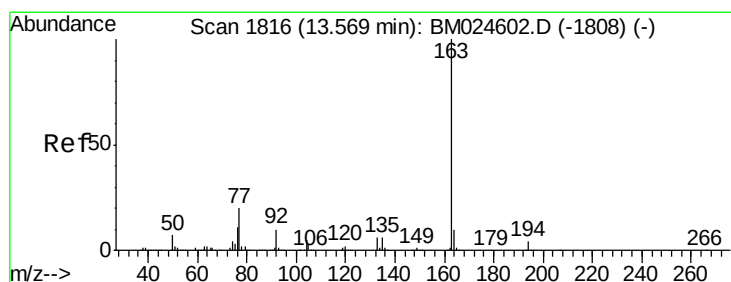
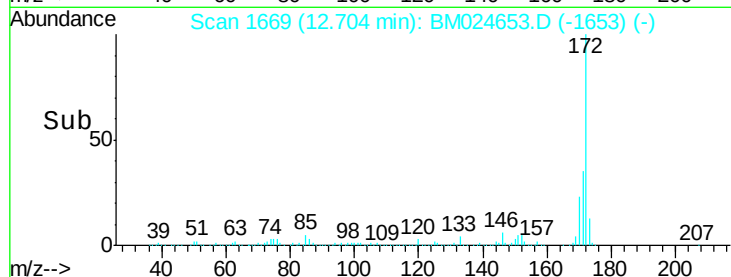
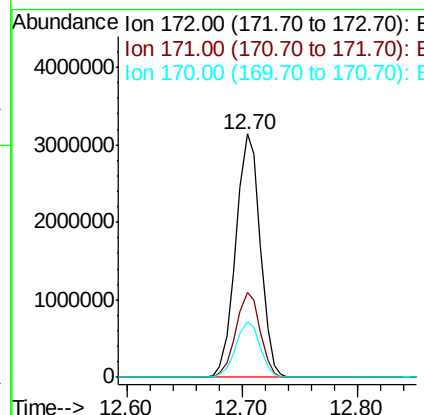
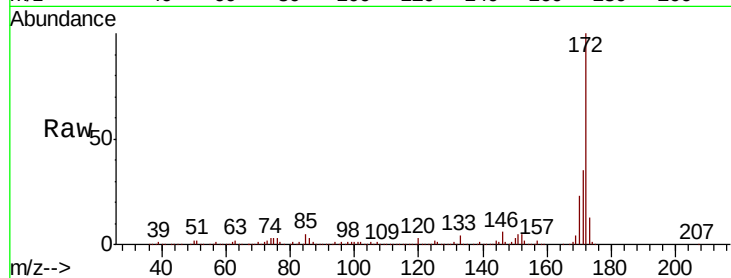
#45
2-Fluorobiphenyl
Concen: 73.416 ng
RT: 12.70 min Scan# 1669
Delta R.T. -0.01 min
Lab File: BM024653.D
Acq: 29 Jan 2020 16:53

Instrument :
BNA_M
ClientSampleId :
TONNELE-AVE-01

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.0	28.3	42.5
170	22.6	17.9	26.9

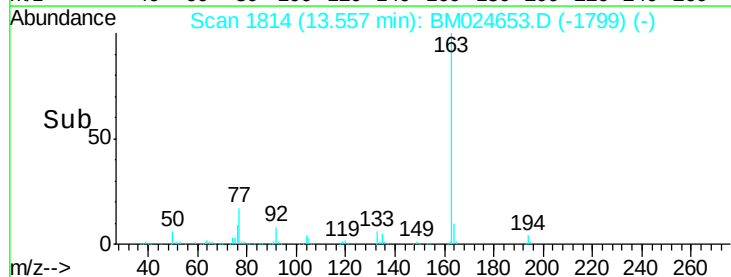
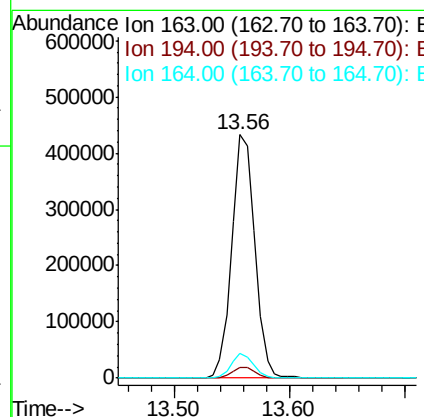
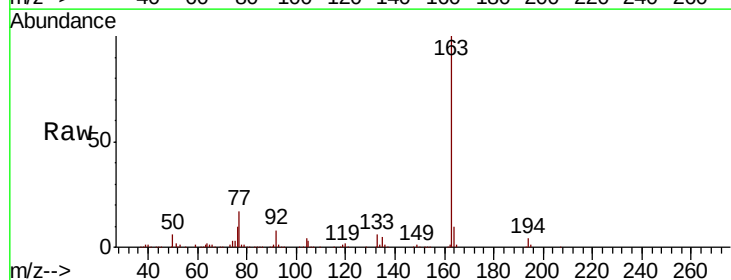
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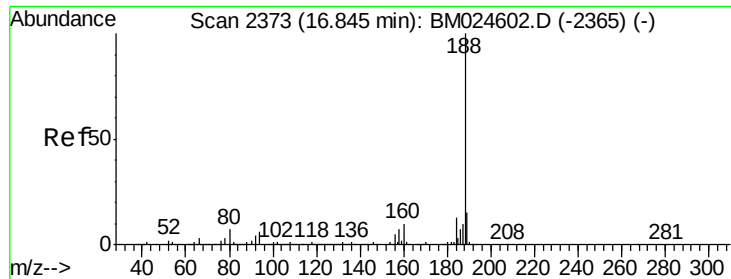
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#50
Dimethylphthalate
Concen: 8.683 ng
RT: 13.56 min Scan# 1814
Delta R.T. -0.01 min
Lab File: BM024653.D
Acq: 29 Jan 2020 16:53

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.4	5.0
164	10.2	8.0	12.0





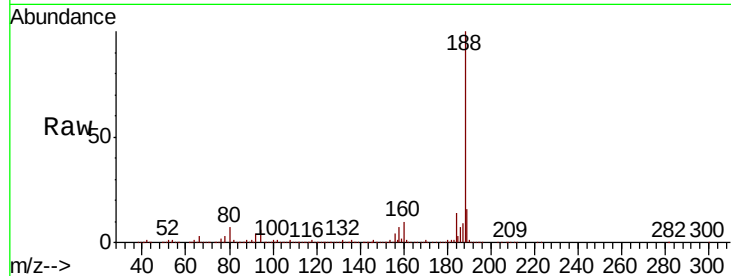
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.84 min Scan# 2372
Delta R.T. -0.01 min
Lab File: BM024653.D
Acq: 29 Jan 2020 16:53

Instrument :
BNA_M
ClientSampleId :
TONNELE-AVE-01

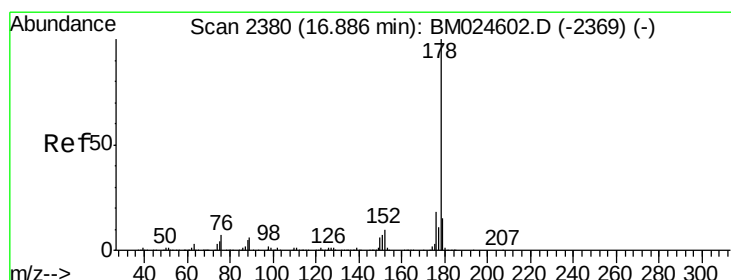
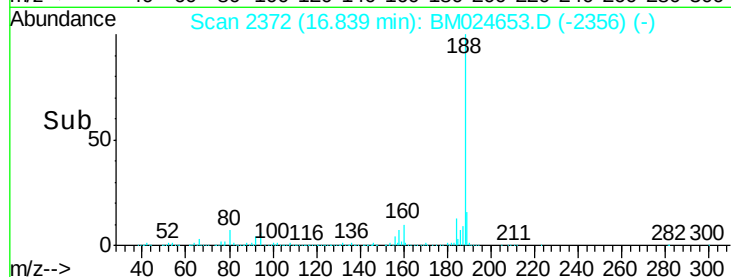
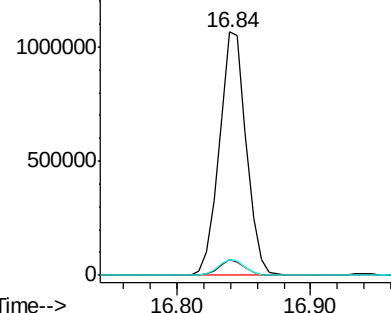
Tot Ion	Ratio	Lower	Upper
188	100		
94	6.4	5.0	7.6
80	6.7	5.8	8.8

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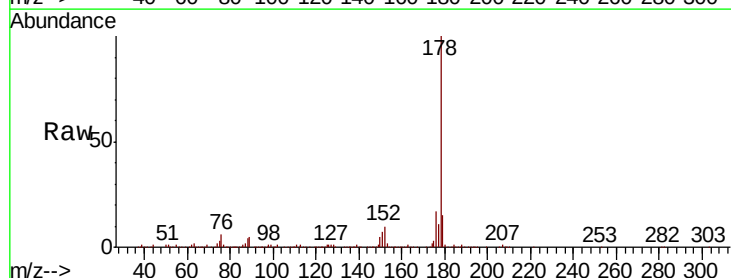


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BM
Ion 80.00 (79.70 to 80.70): BM

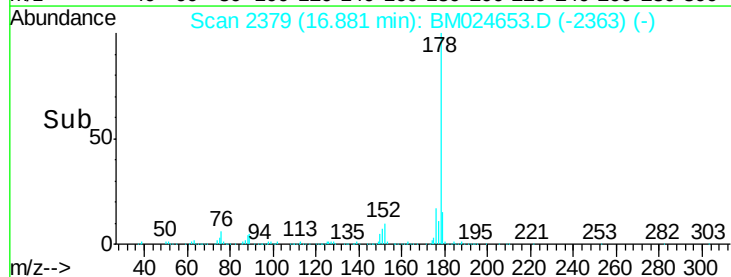
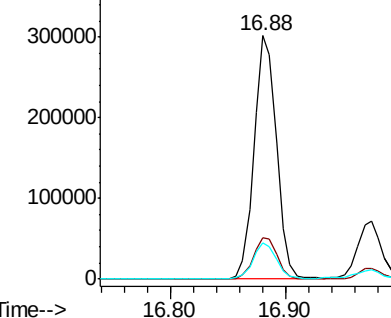


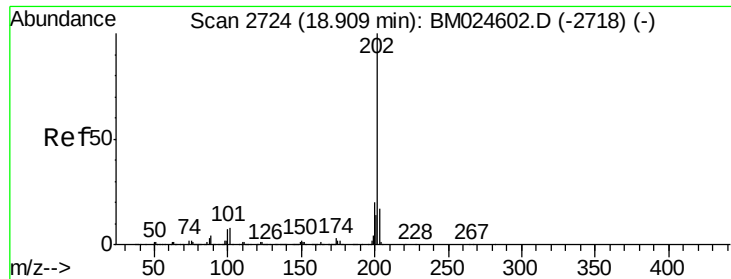
#71
Phenanthrene
Concen: 5.063 ng
RT: 16.88 min Scan# 2379
Delta R.T. -0.01 min
Lab File: BM024653.D
Acq: 29 Jan 2020 16:53

Tgt Ion	Ratio	Lower	Upper
178	100		
176	17.0	14.5	21.7
179	15.1	11.9	17.9



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





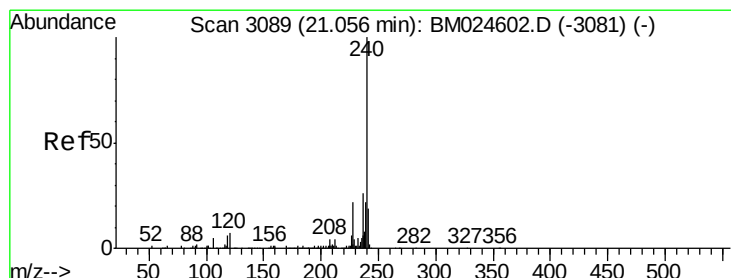
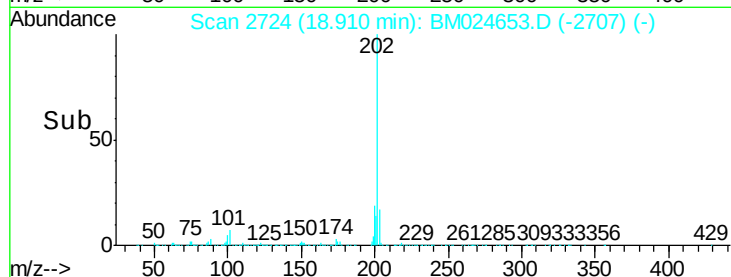
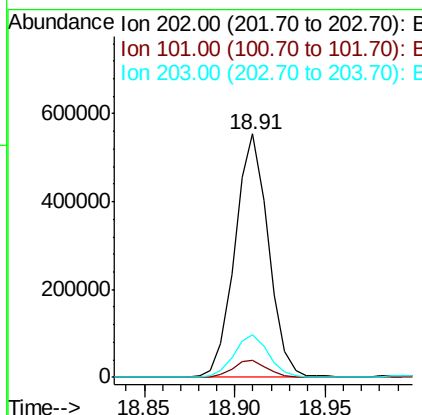
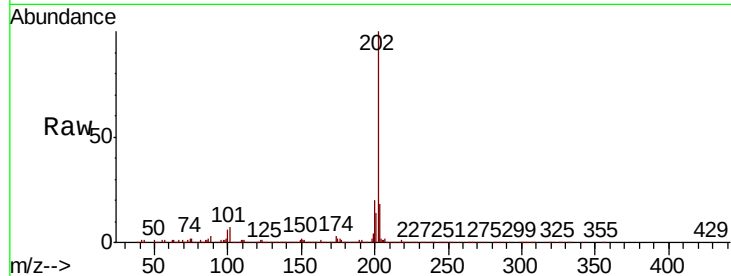
#75
 Fluoranthene
 Concen: 6.984 ng
 RT: 18.91 min Scan# 2724
 Delta R.T. 0.00 min
 Lab File: BM024653.D
 Acq: 29 Jan 2020 16:53

Instrument :
 BNA_M
 ClientSampleId :
 TONNELE-AVE-01

Tot Ion	Ratio	Lower	Upper
202	100		
101	6.9	0.0	28.4
203	17.8	0.0	37.5

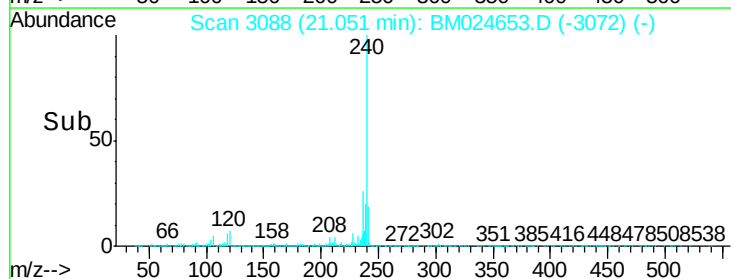
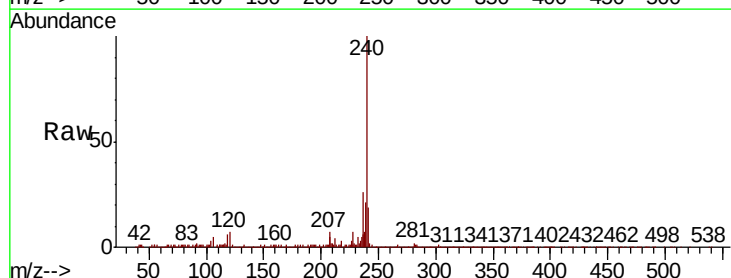
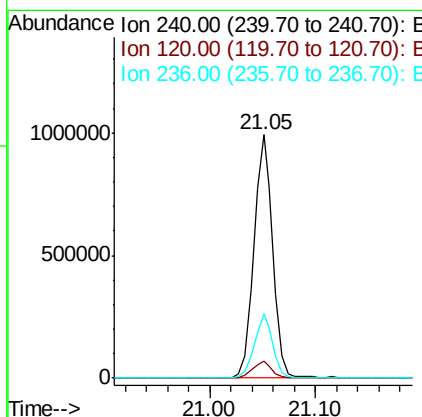
Manual Integrations
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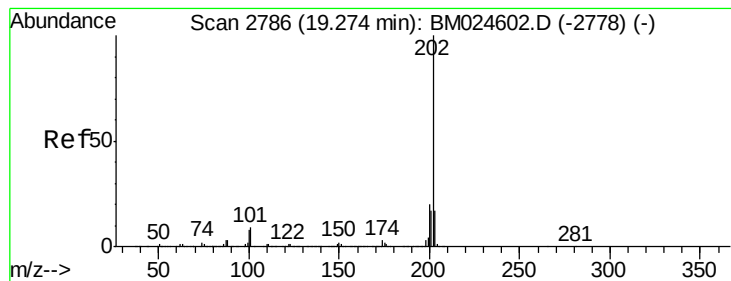
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 1/30/2020 10:19:01 AM



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.05 min Scan# 3088
 Delta R.T. -0.01 min
 Lab File: BM024653.D
 Acq: 29 Jan 2020 16:53

Tgt Ion	Ratio	Lower	Upper
240	100		
120	7.0	5.3	7.9
236	26.4	20.6	31.0





#78

Pvrene

Concen: 8.248 ng

RT: 19.27 min Scan# 2786

Delta R.T. 0.00 min

Lab File: BM024653.D

Acq: 29 Jan 2020 16:53

Instrument :

BNA_M

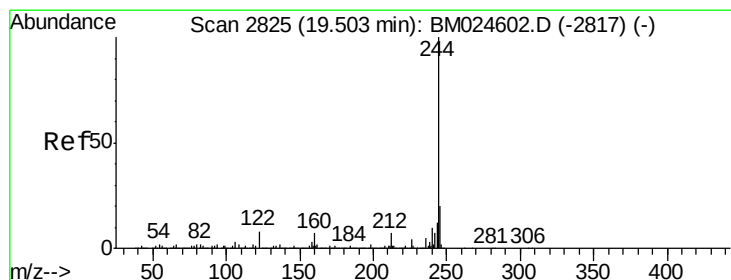
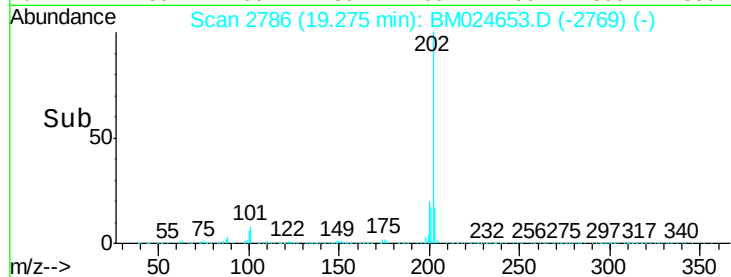
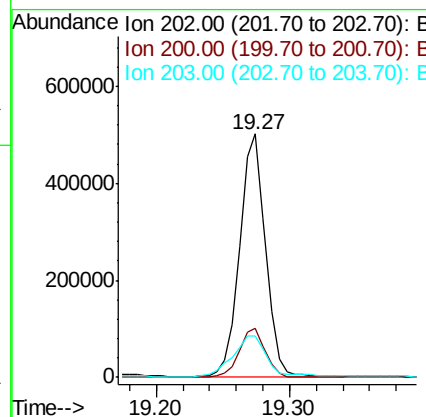
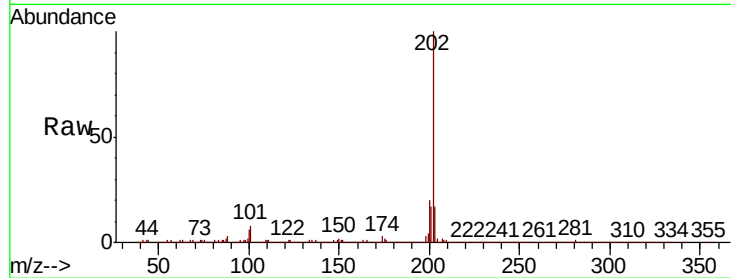
ClientSampleId :

TONNELE-AVE-01

Tot Ion:	202	Resp:	670841
Ion Ratio		Lower	Upper
202	100		
200	20.4	16.2	24.2
203	17.2	14.0	21.0

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#79

Terphenyl-d14

Concen: 74.168 ng

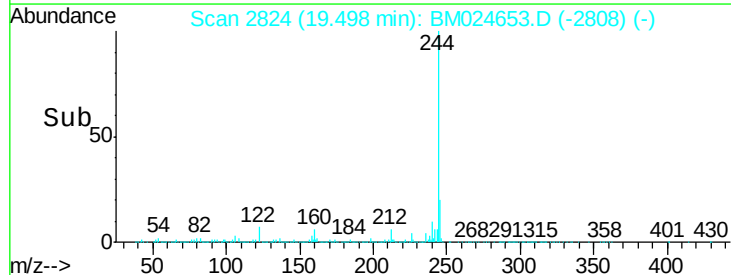
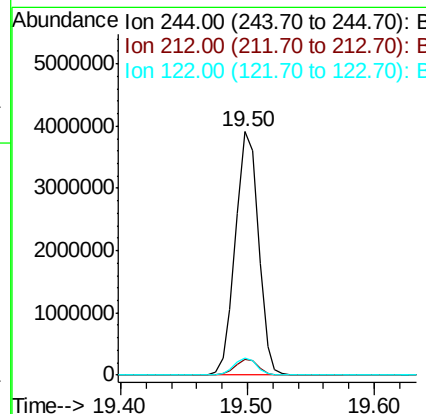
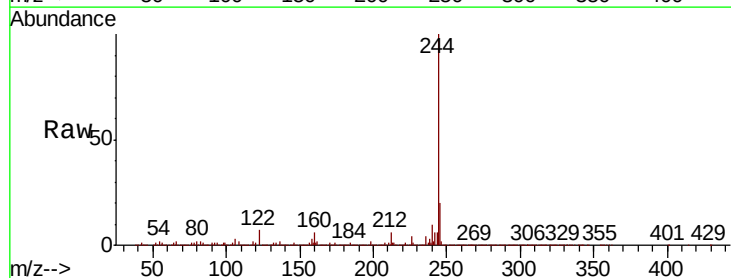
RT: 19.50 min Scan# 2824

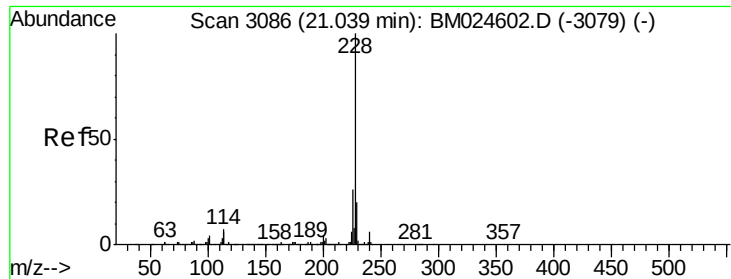
Delta R.T. -0.01 min

Lab File: BM024653.D

Acq: 29 Jan 2020 16:53

Tgt Ion:	244	Resp:	4901647
Ion Ratio		Lower	Upper
244	100		
212	6.5	5.4	8.2
122	7.2	6.2	9.4





#81

Benzo(a)anthracene

Concen: 4.426 ng

RT: 21.03 min Scan# 3085

Delta R.T. -0.01 min

Lab File: BM024653.D

Acq: 29 Jan 2020 16:53

Instrument :

BNA_M

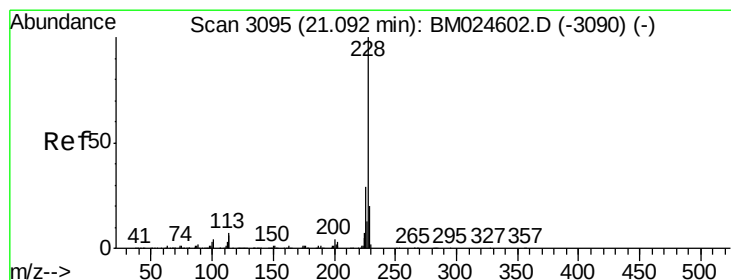
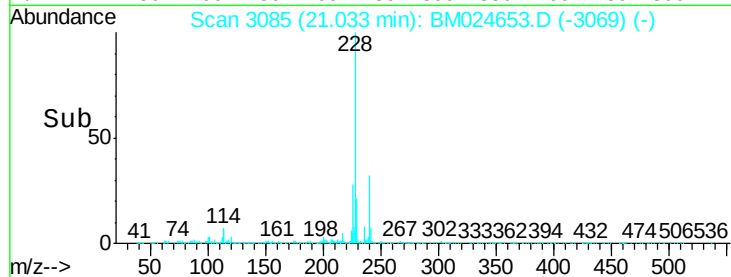
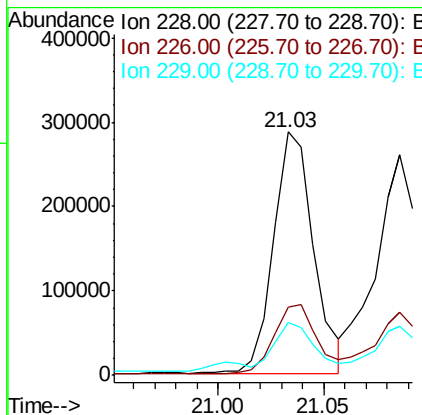
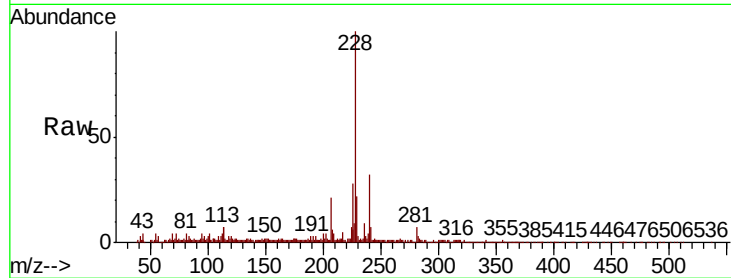
ClientSampleId :

TONNELE-AVE-01

Tot Ion:	228	Resp:	379054
Ion Ratio	Lower	Upper	
228	100		
226	28.2	21.1	31.7
229	21.8	15.8	23.6

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#83

Chrysene

Concen: 4.491 ng

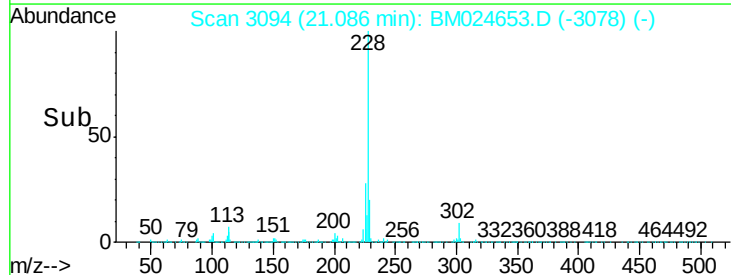
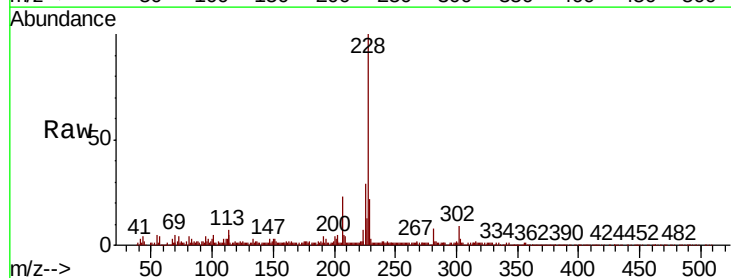
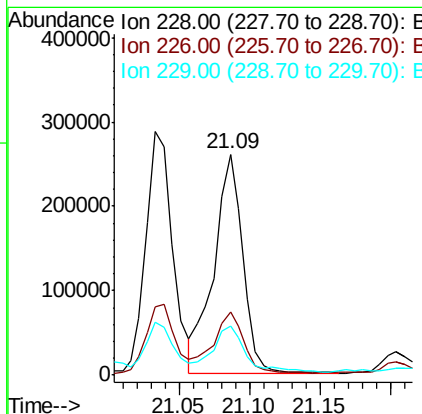
RT: 21.09 min Scan# 3094

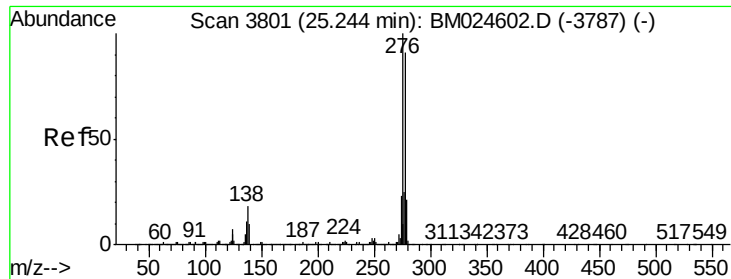
Delta R.T. -0.01 min

Lab File: BM024653.D

Acq: 29 Jan 2020 16:53

Tgt Ion:	228	Resp:	366972
Ion Ratio	Lower	Upper	
228	100		
226	28.8	23.2	34.8
229	22.4	15.7	23.5





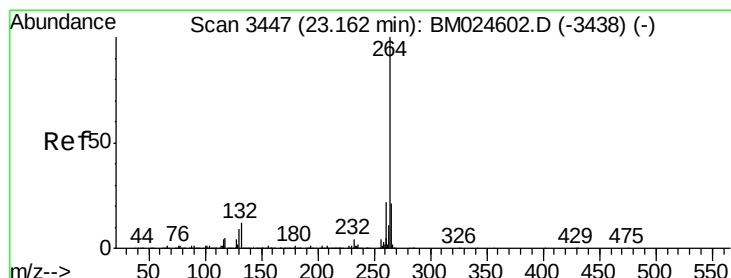
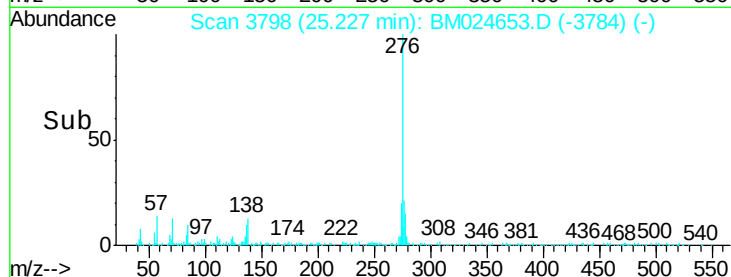
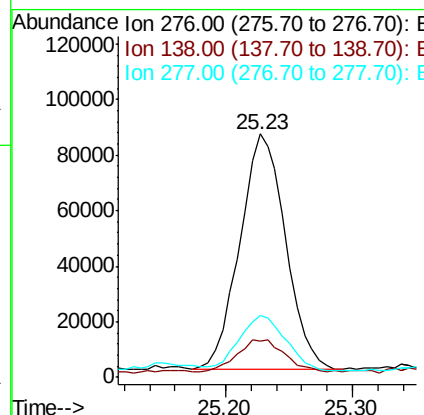
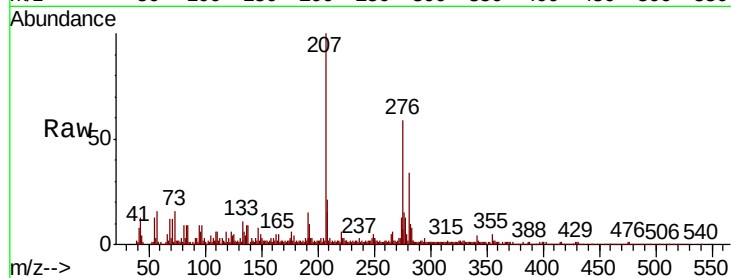
#86
 Indeno(1,2,3-cd)pyrene
 Concen: 2.367 ng
 RT: 25.23 min Scan# 3798
 Delta R.T. -0.02 min
 Lab File: BM024653.D
 Acq: 29 Jan 2020 16:53

Instrument :
 BNA_M
 ClientSampleId :
 TONNELE-AVE-01

Tot Ion	Ratio	Lower	Upper
276	100		
138	14.0	13.4	20.0
277	24.5	19.6	29.4

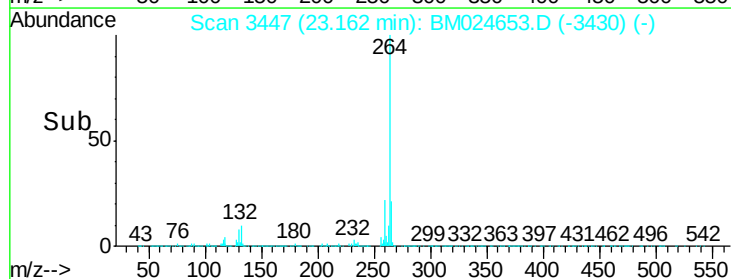
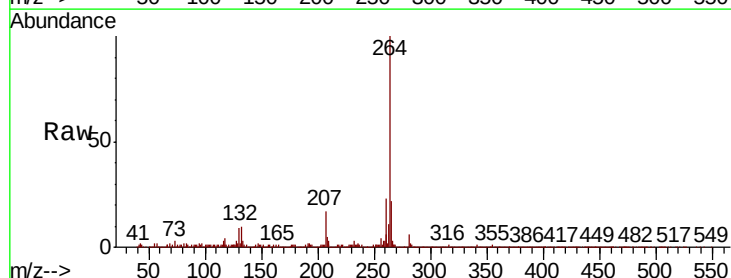
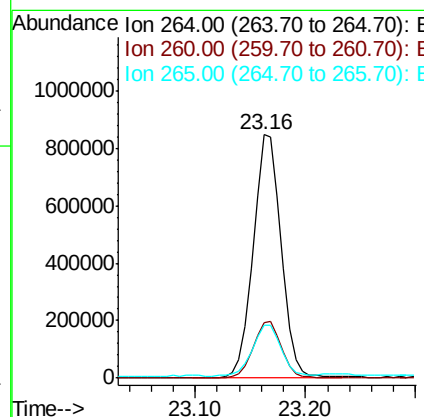
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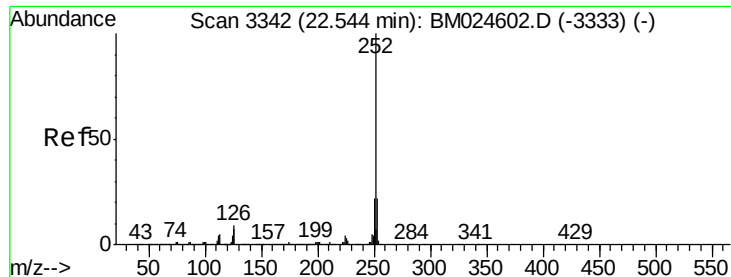
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#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.16 min Scan# 3447
 Delta R.T. 0.00 min
 Lab File: BM024653.D
 Acq: 29 Jan 2020 16:53

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.6	17.9	26.9
265	21.8	17.3	25.9





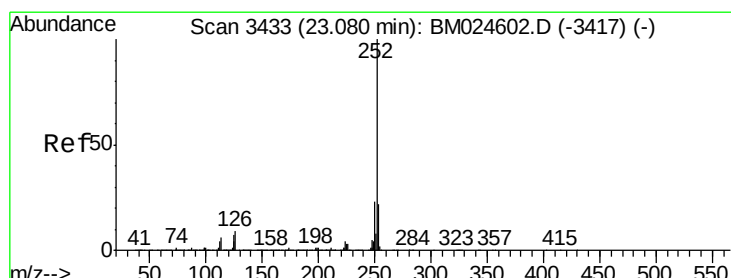
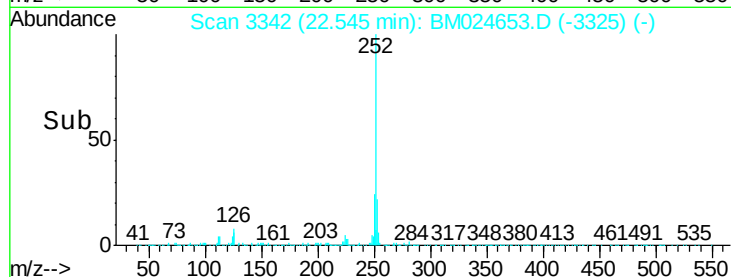
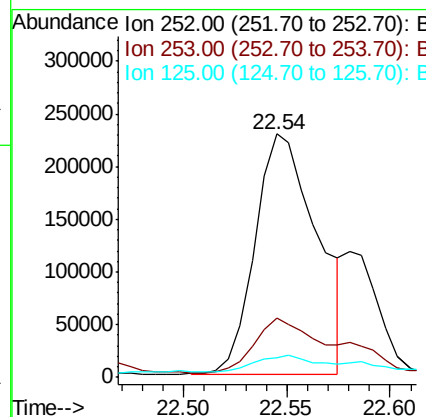
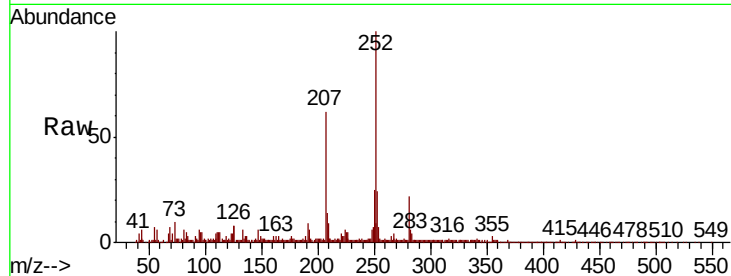
#88
Benzo(b)fluoranthene
Concen: 4.874 ng m
RT: 22.54 min Scan# 3342
Delta R.T. 0.00 min
Lab File: BM024653.D
Acq: 29 Jan 2020 16:53

Instrument :
BNA_M
ClientSampleId :
TONNELE-AVE-01

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.3	17.6	26.4
125	8.3	5.7	8.5

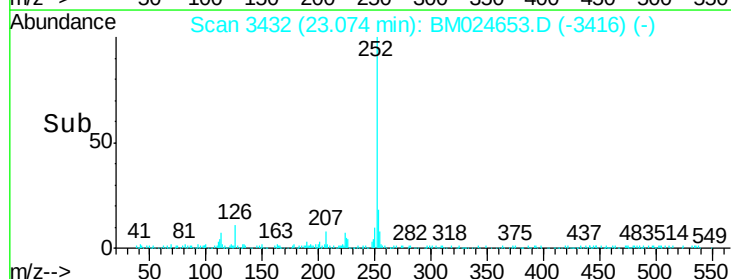
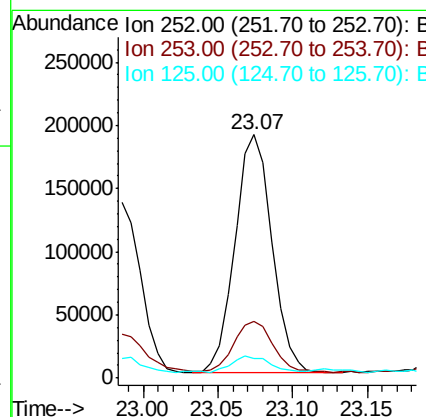
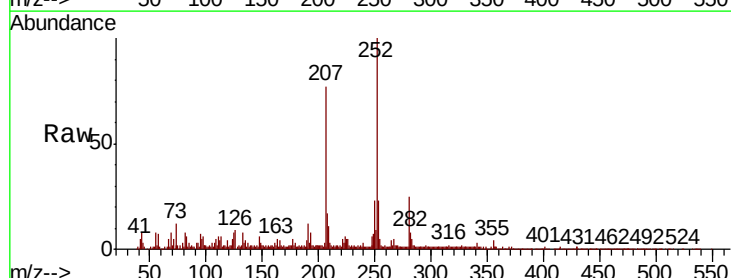
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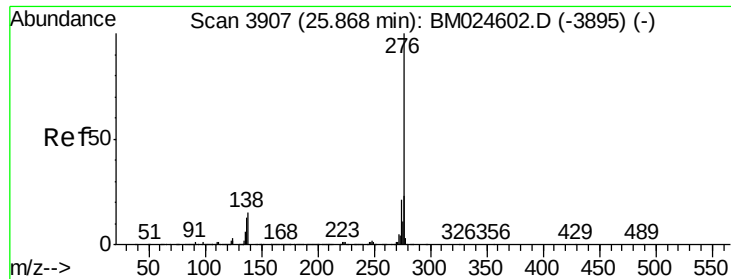
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#90
Benzo(a)pyrene
Concen: 3.685 ng
RT: 23.07 min Scan# 3432
Delta R.T. -0.01 min
Lab File: BM024653.D
Acq: 29 Jan 2020 16:53

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.3	25.9
125	8.2	5.8	8.8





#92
 Benzo(a,h,i)perylene
 Concen: 2.927 ng
 RT: 25.86 min Scan# 3905
 Delta R.T. -0.01 min
 Lab File: BM024653.D
 Acq: 29 Jan 2020 16:53

Instrument :
 BNA_M
 ClientSampleId :
 TONNELE-AVE-01

Tot Ion:	276	Resp:	223887
Ion Ratio	Lower	Upper	
276	100		
277	25.4	18.6	28.0
138	14.9	11.9	17.9

Manual Integrations
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