

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM072320\
 Data File : BM026850.D
 Acq On : 23 Jul 2020 14:28
 Operator : JU/CG
 Sample : L3360-04RX
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SP-3RX

Manual Integrations
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 7/24/2020 12:16:23 PM

Quant Time: Jul 31 15:45:06 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM070820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 22 14:16:10 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.27	152	93053	20.00	ng	-0.02
21) Naphthalene-d8	10.03	136	363575	20.00	ng	-0.02
39) Acenaphthene-d10	13.94	164	205818	20.00	ng	-0.02
64) Phenanthrene-d10	16.71	188	423559	20.00	ng	-0.02
76) Chrysene-d12	20.94	240	469691	20.00	ng	-0.01
86) Perylene-d12	23.00	264	491496	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	4.92	112	79132	14.25	ng	-0.02
7) Phenol-d6	6.49	99	406158	45.92	ng	-0.02
23) Nitrobenzene-d5	8.42	82	416929	48.92	ng	-0.02
42) 2,4,6-Tribromophenol	15.46	330	22965	7.66	ng	-0.01
45) 2-Fluorobiphenyl	12.55	172	757738	48.95	ng	-0.02
79) Terphenyl-d14	19.38	244	1057058	44.29	ng	-0.01
Target Compounds						
50) Dimethylphthalate	13.42	163	83884	4.765	ng	Qvalue 100
71) Phenanthrene	16.75	178	404457	16.175	ng	99
72) Anthracene	16.84	178	98875	3.972	ng	98
75) Fluoranthene	18.78	202	1128770	36.651	ng	99
78) Pyrene	19.15	202	1008377	34.081	ng	99
81) Benzo(a)anthracene	20.92	228	561270	17.790	ng	98
83) Chrysene	20.98	228	569579m	18.548	ng	
87) Indeno(1,2,3-cd)pyrene	24.99	276	304267	8.696	ng	95
88) Benzo(b)fluoranthene	22.41	252	688186	21.251	ng	96
89) Benzo(k)fluoranthene	22.44	252	228265m	7.186	ng	
90) Benzo(a)pyrene	22.91	252	482375	16.045	ng	96
91) Dibenzo(a,h)anthracene	24.99	278	81193	2.749	ng	# 80
92) Benzo(a,h,i)perylene	25.59	276	302619	11.119	ng	97

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

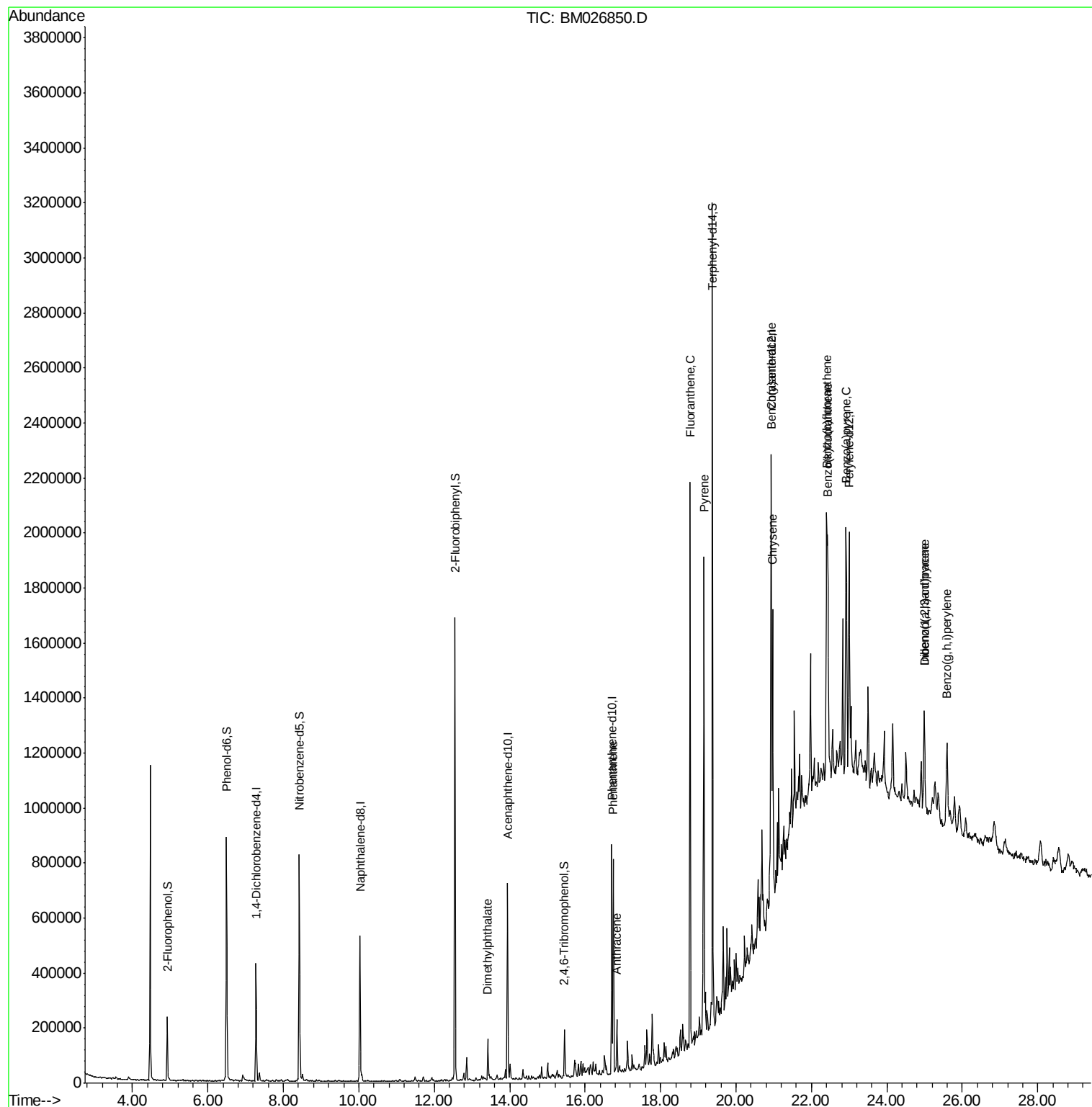
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM072320\
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Sample : L3360-04RX
Misc :
ALS Vial : 4 Sample Multiplier: 1

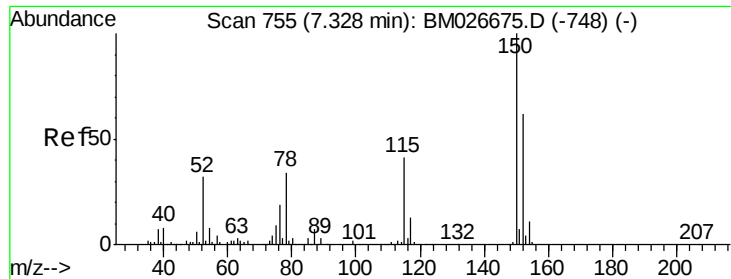
Instrument :
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ClientSampleId :
SP-3RX

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Quant Time: Jul 31 15:45:06 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM070820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

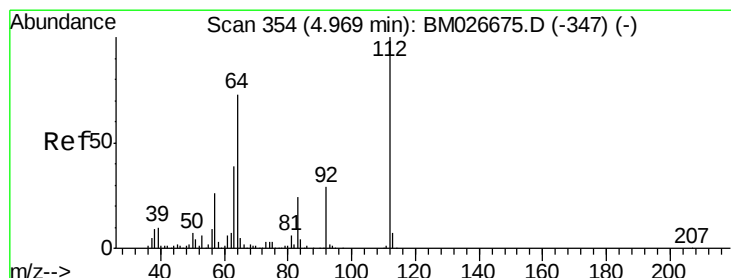
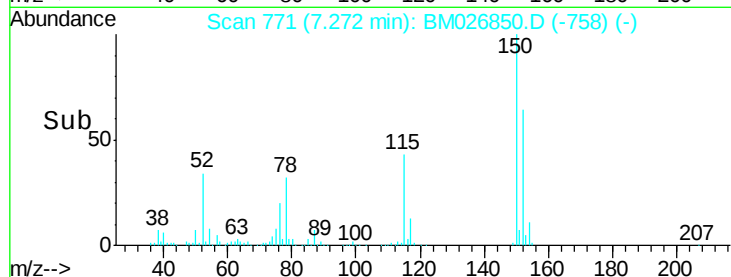
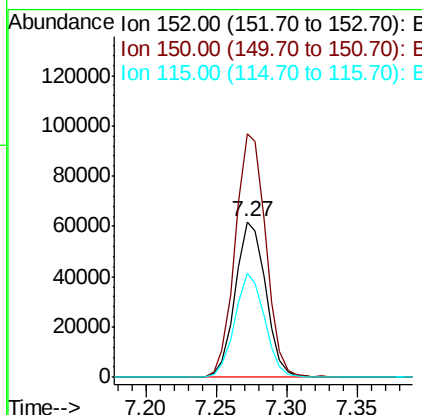
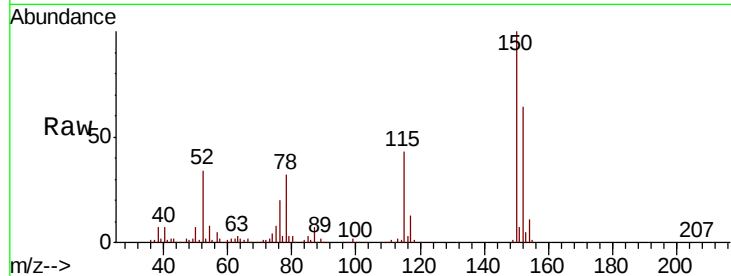
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.27 min Scan# 771
Delta R.T. -0.02 min
Lab File: BM026850.D
Acq: 23 Jul 2020 14:28

Instrument :
BNA_M
ClientSampled :
SP-3RX

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.7	128.1	192.1
115	67.1	52.2	78.4

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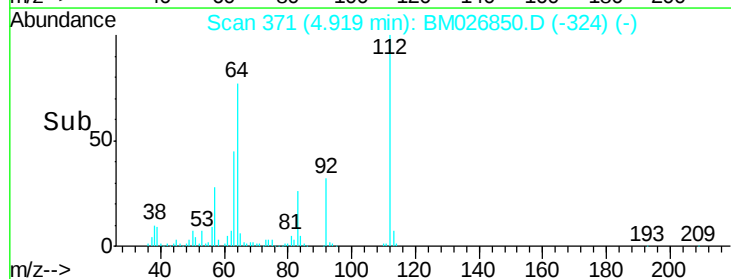
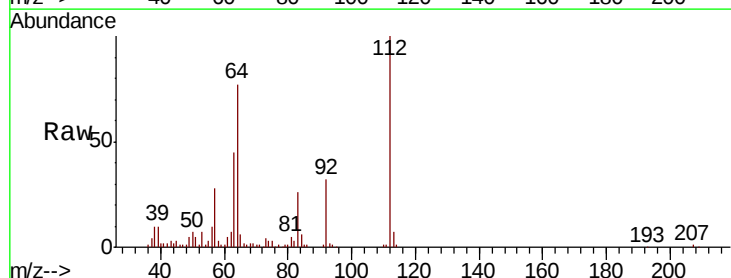
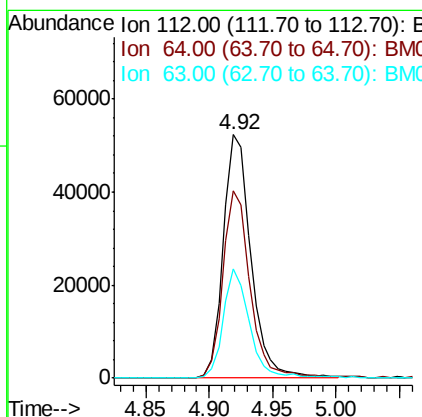
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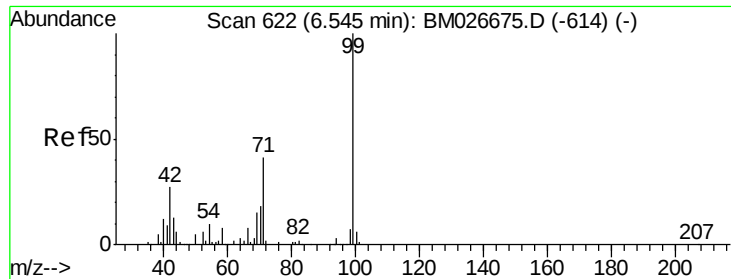


#5

2-Fluorophenol
Concen: 14.253 ng
RT: 4.92 min Scan# 371
Delta R.T. -0.02 min
Lab File: BM026850.D
Acq: 23 Jul 2020 14:28

Tgt Ion	Ratio	Lower	Upper
112	100		
64	77.2	58.4	87.6
63	44.7	31.5	47.3





#7

Phenol-d6

Concen: 45.917 ng

RT: 6.49 min Scan# 638

Delta R.T. -0.02 min

Lab File: BM026850.D

Acq: 23 Jul 2020 14:28

Instrument :

BNA_M

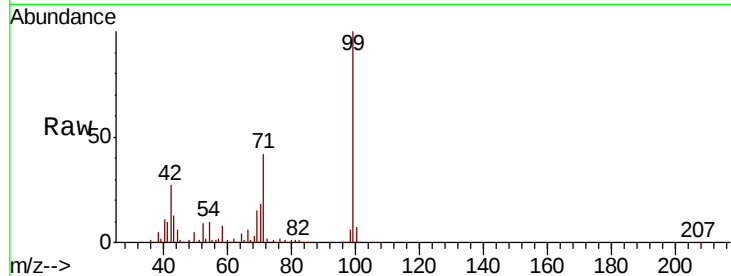
ClientSampled :

SP-3RX

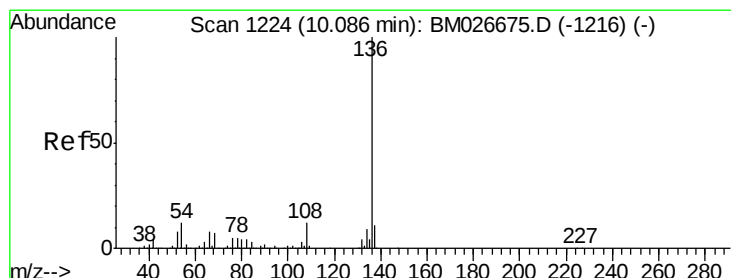
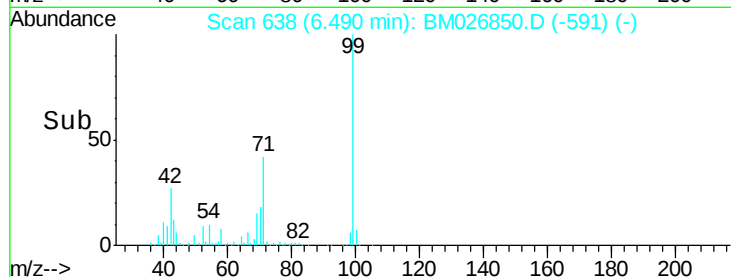
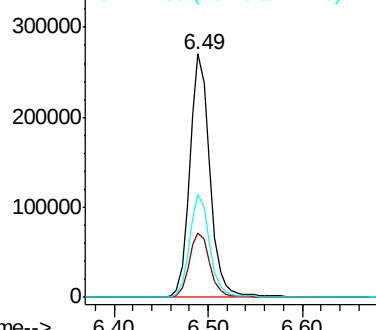
Tot Ion:	99	Resp:	406158
Ion Ratio	Lower	Upper	
99	100		
42	26.6	21.7	32.5
71	42.3	33.2	49.8

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Abundance Ion 99.00 (98.70 to 99.70): BM026675.D (-614) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.03 min Scan# 1240

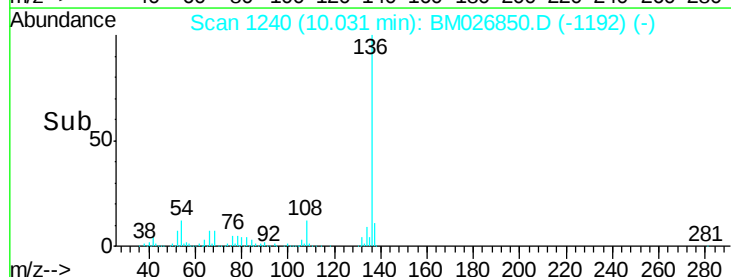
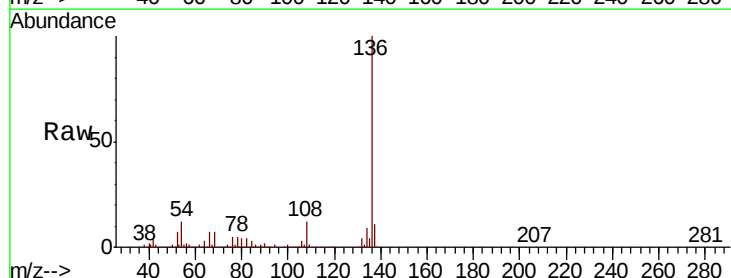
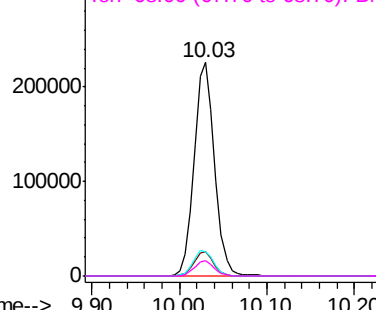
Delta R.T. -0.02 min

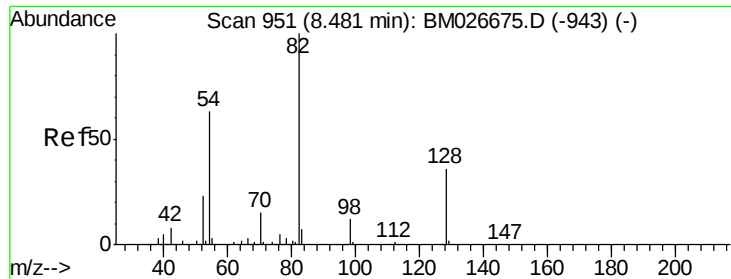
Lab File: BM026850.D

Acq: 23 Jul 2020 14:28

Tgt Ion:	136	Resp:	363575
Ion Ratio	Lower	Upper	
136	100		
137	11.4	8.6	12.8
54	11.7	9.8	14.6
68	6.9	5.8	8.6

Abundance Ion 136.00 (135.70 to 136.70): BM026675.D (-1216) (-)





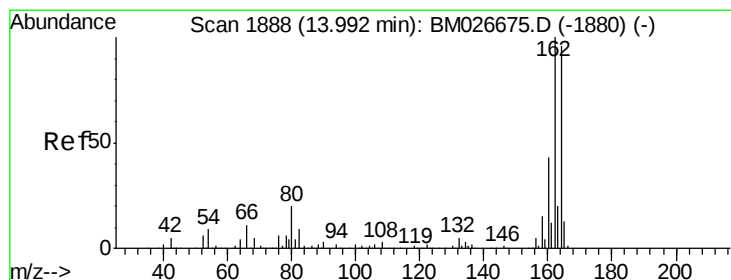
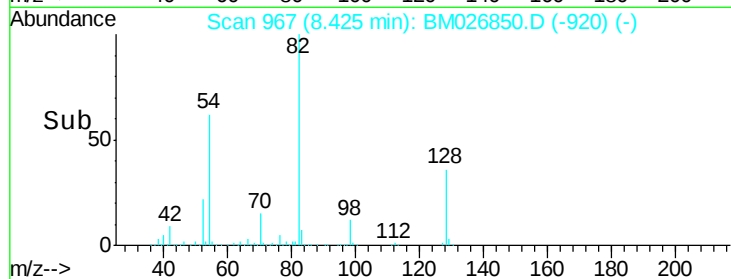
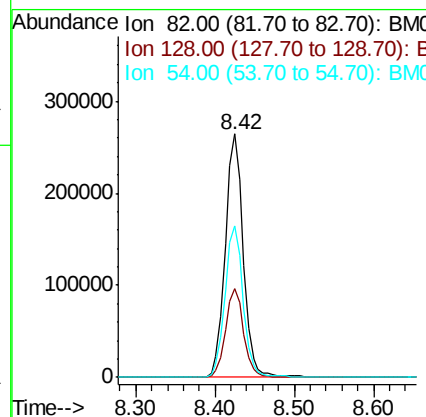
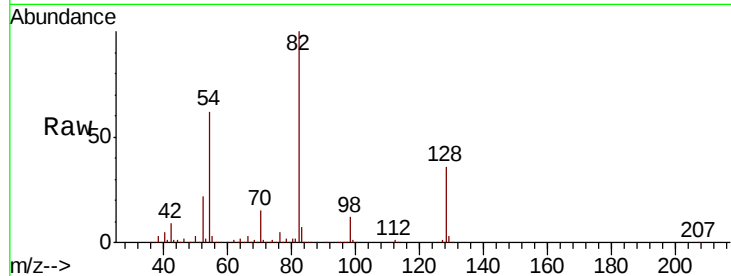
#23
Nitrobenzene-d5
Concen: 48.924 ng
RT: 8.42 min Scan# 967
Delta R.T. -0.02 min
Lab File: BM026850.D
Acq: 23 Jul 2020 14:28

Instrument :
BNA_M
ClientSampleId :
SP-3RX

Tot Ion	Ratio	Lower	Upper
82	100		
128	36.5	29.1	43.7
54	62.5	50.2	75.4

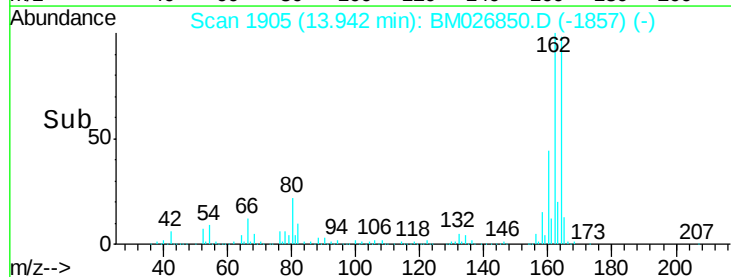
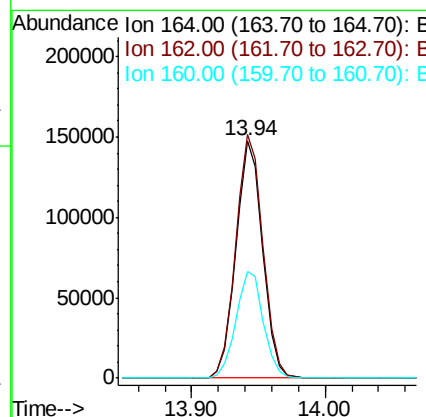
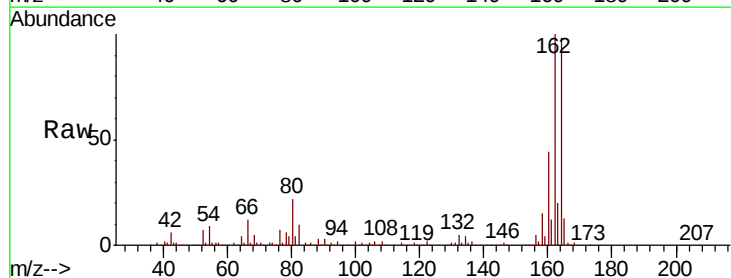
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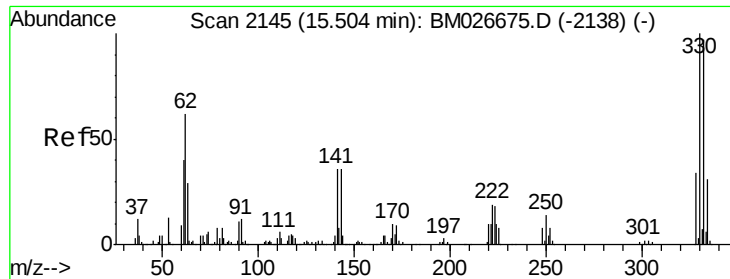
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 13.94 min Scan# 1905
Delta R.T. -0.02 min
Lab File: BM026850.D
Acq: 23 Jul 2020 14:28

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.5	83.7	125.5
160	44.8	36.2	54.2





#42

2,4,6-Tribromophenol

Concen: 7.660 ng

RT: 15.46 min Scan# 2163

Delta R.T. -0.01 min

Lab File: BM026850.D

Acq: 23 Jul 2020 14:28

Instrument :

BNA_M

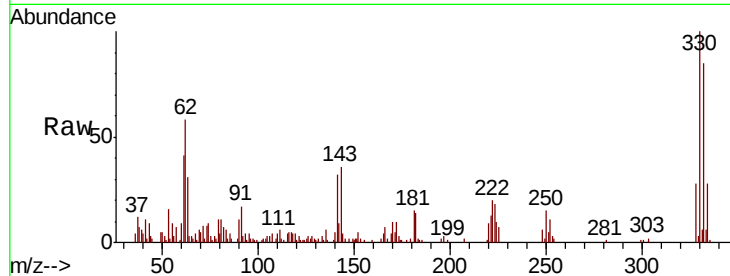
ClientSampled :

SP-3RX

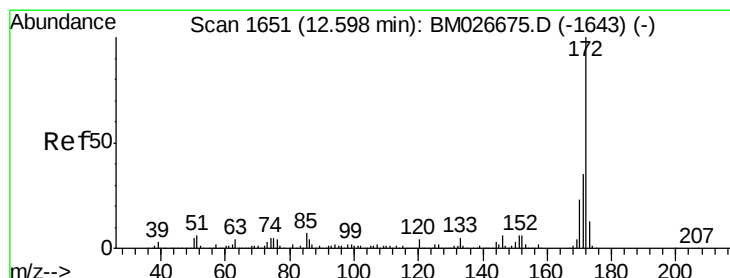
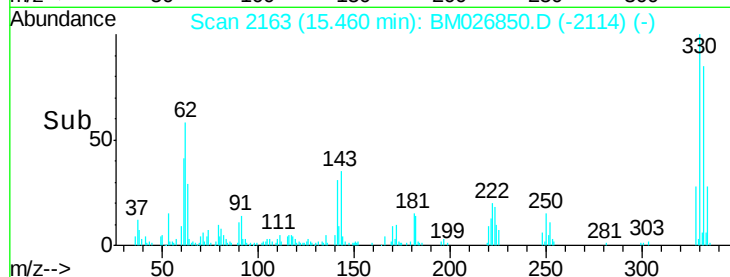
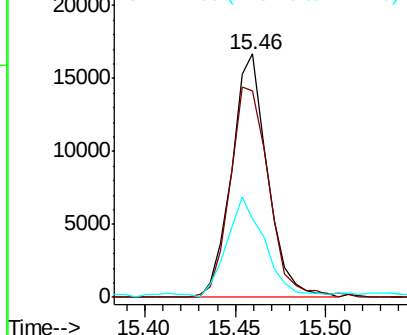
Tot Ion:	330	Resp:	22965
Ion Ratio	Lower	Upper	
330	100		
332	93.6	77.5	116.3
141	40.6	32.4	48.6

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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



#45

2-Fluorobiphenyl

Concen: 48.952 ng

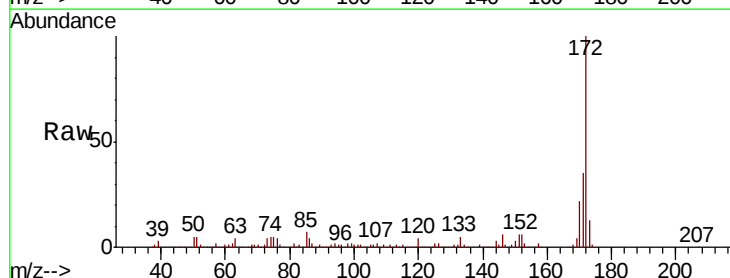
RT: 12.55 min Scan# 1668

Delta R.T. -0.02 min

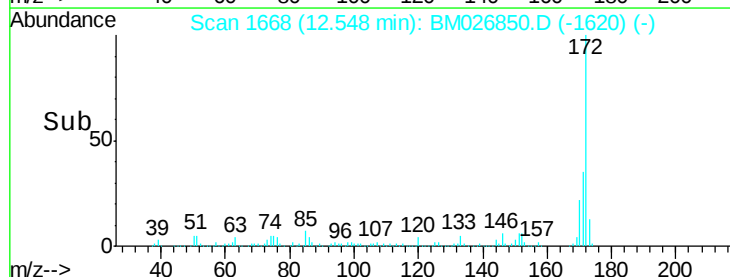
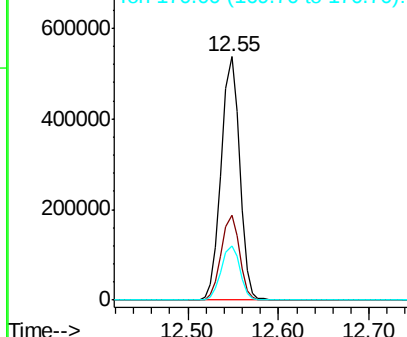
Lab File: BM026850.D

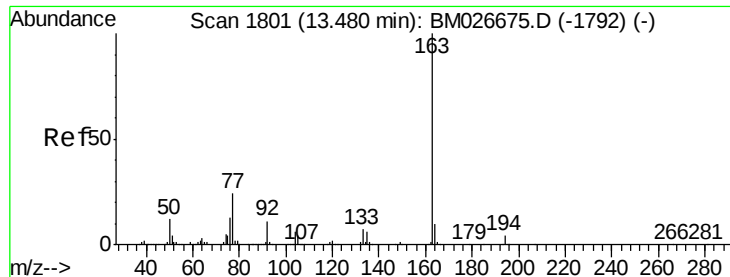
Acq: 23 Jul 2020 14:28

Tgt Ion:	172	Resp:	757738
Ion Ratio	Lower	Upper	
172	100		
171	34.7	27.8	41.6
170	22.4	18.5	27.7



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





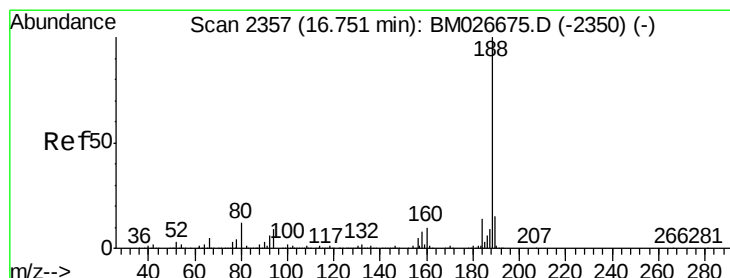
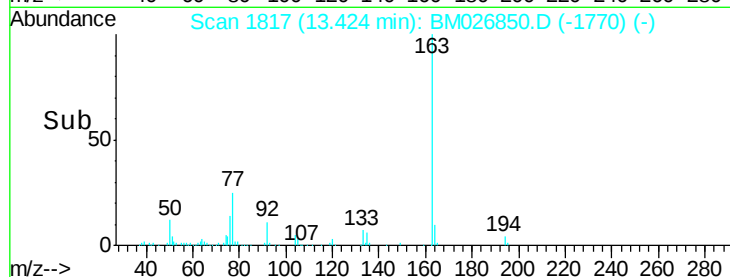
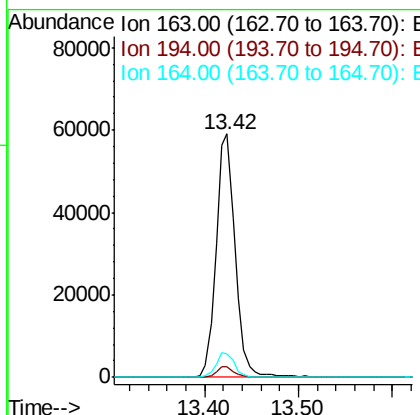
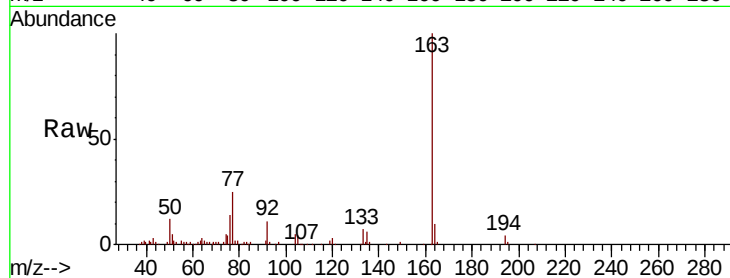
#50
Dimethylphthalate
Concen: 4.765 ng
RT: 13.42 min Scan# 1817
Delta R.T. -0.02 min
Lab File: BM026850.D
Acq: 23 Jul 2020 14:28

Instrument :
BNA_M
ClientSampleId :
SP-3RX

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.4	5.2
164	9.8	7.8	11.6

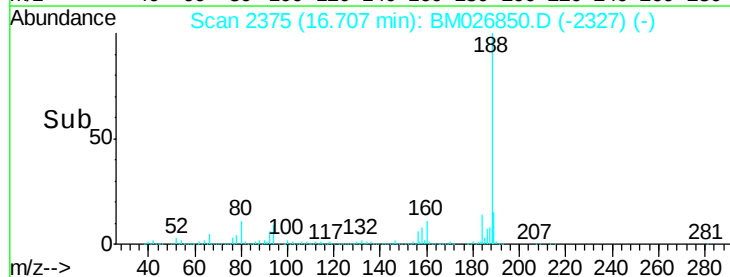
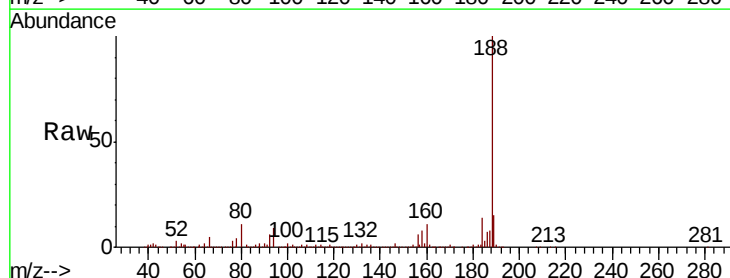
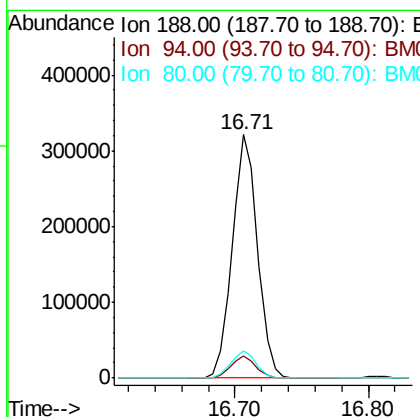
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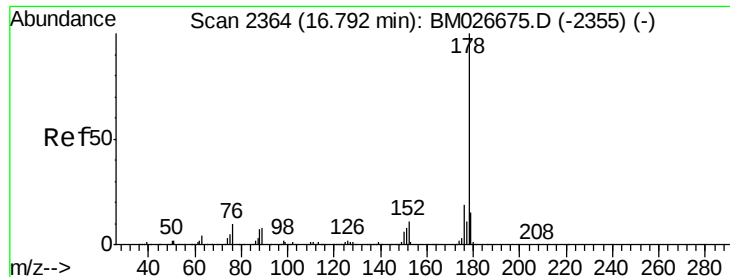
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.71 min Scan# 2375
Delta R.T. -0.02 min
Lab File: BM026850.D
Acq: 23 Jul 2020 14:28

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.2	7.4	11.0
80	11.4	9.3	13.9





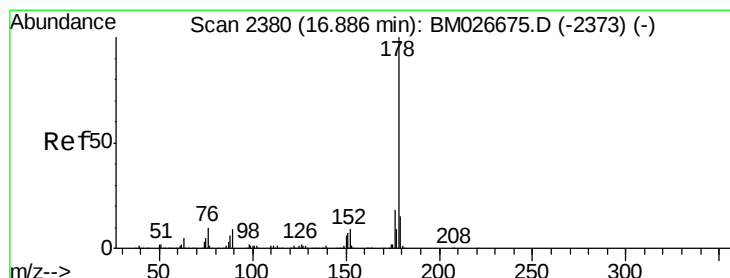
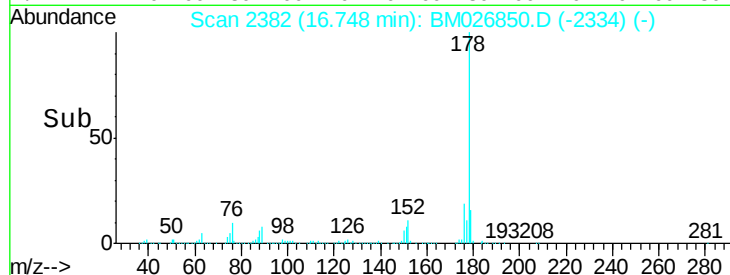
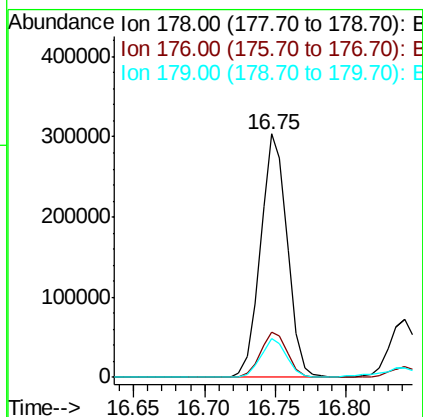
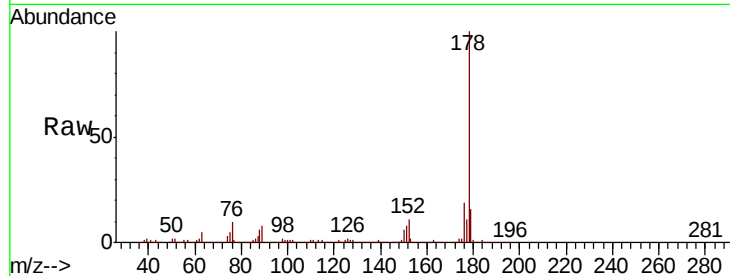
#71
Phenanthrene
Concen: 16.175 ng
RT: 16.75 min Scan# 2382
Delta R.T. -0.02 min
Lab File: BM026850.D
Acq: 23 Jul 2020 14:28

Instrument :
BNA_M
ClientSampleId :
SP-3RX

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.0	22.6
179	15.9	12.1	18.1

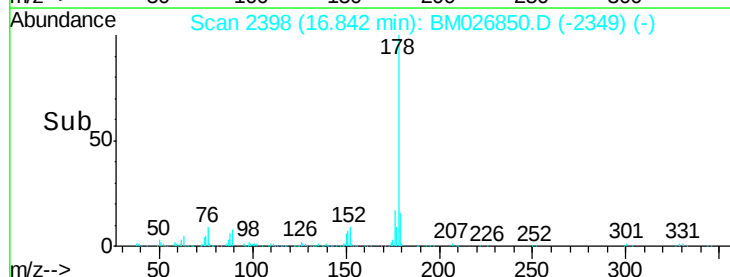
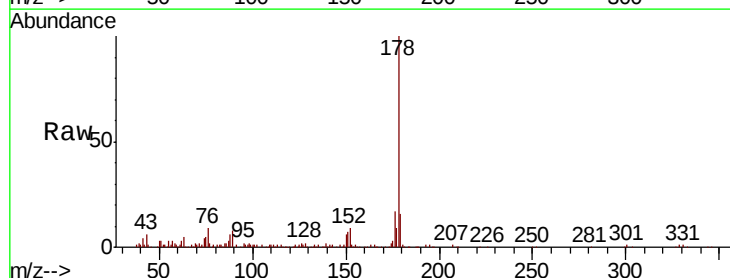
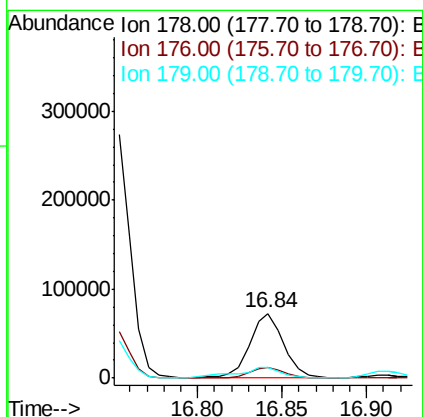
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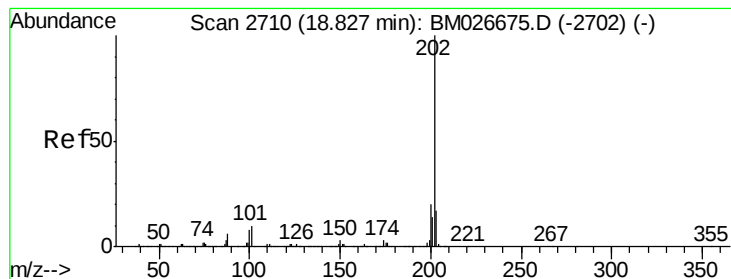
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#72
Anthracene
Concen: 3.972 ng
RT: 16.84 min Scan# 2398
Delta R.T. -0.01 min
Lab File: BM026850.D
Acq: 23 Jul 2020 14:28

Tgt Ion	Ratio	Lower	Upper
178	100		
176	17.3	14.7	22.1
179	16.1	12.1	18.1





#75

Fluoranthene

Concen: 36.651 ng

RT: 18.78 min Scan# 2728

Delta R.T. -0.02 min

Lab File: BM026850.D

Acq: 23 Jul 2020 14:28

Instrument :

BNA_M

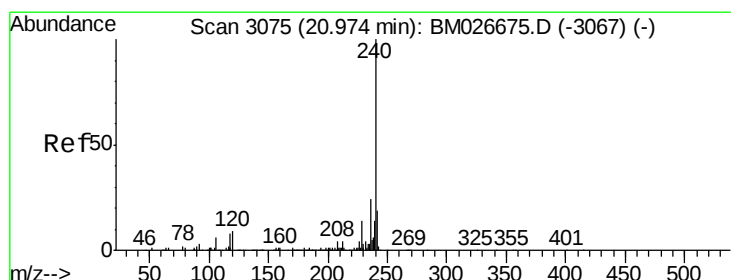
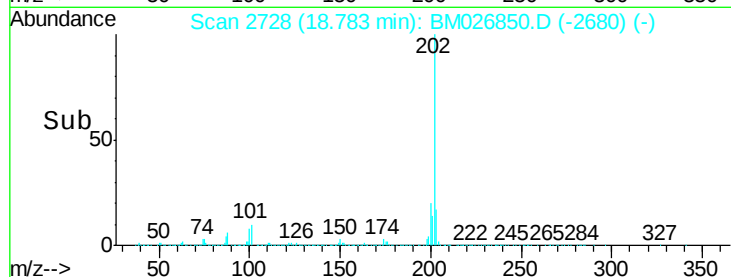
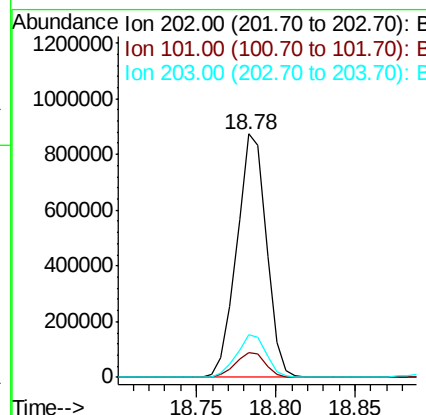
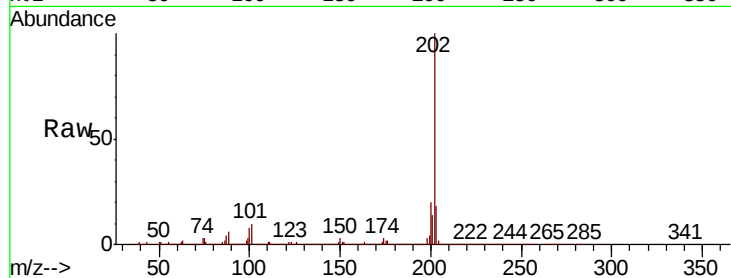
ClientSampleId :

SP-3RX

Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100		1128770		
101	10.4	0.0	30.1		
203	17.5	0.0	37.2		

Manual Integrations
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#76

Chrysene-d12

Concen: 20.000 ng

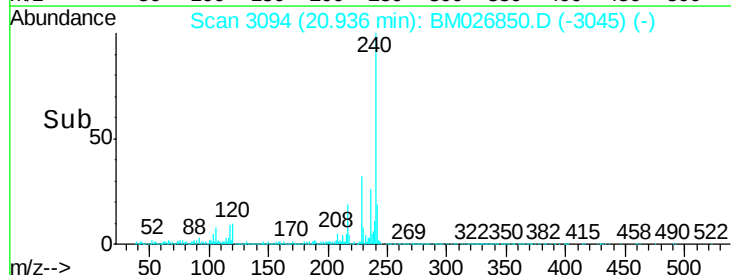
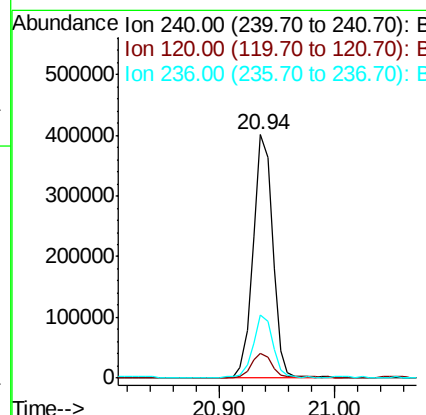
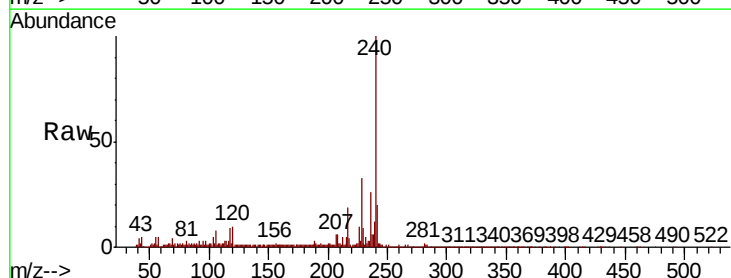
RT: 20.94 min Scan# 3094

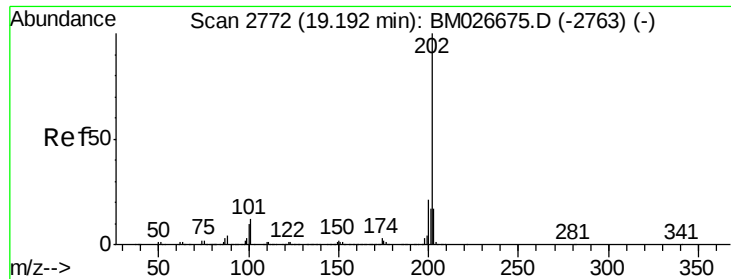
Delta R.T. -0.01 min

Lab File: BM026850.D

Acq: 23 Jul 2020 14:28

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
240	100		469691		
120	10.4	7.3	10.9		
236	25.8	19.4	29.2		





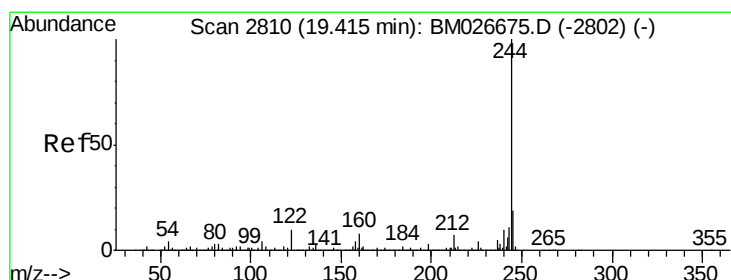
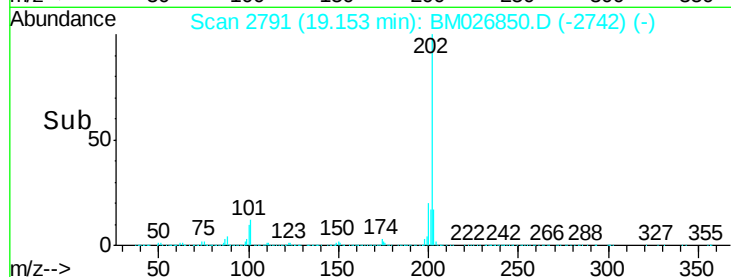
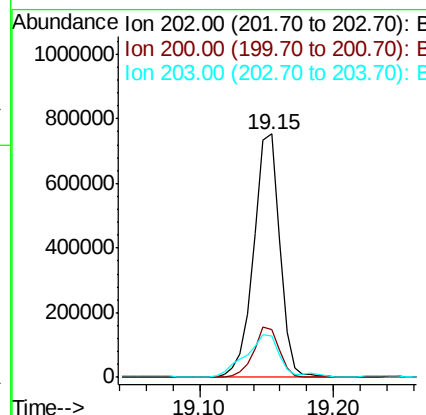
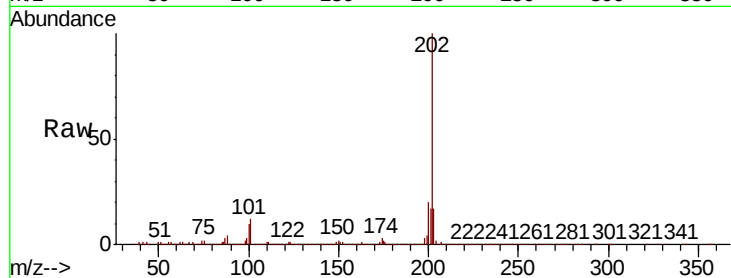
#78
Pvrene
Concen: 34.081 ng
RT: 19.15 min Scan# 2791
Delta R.T. -0.01 min
Lab File: BM026850.D
Acq: 23 Jul 2020 14:28

Instrument :
BNA_M
ClientSampled :
SP-3RX

Tot Ion	Ratio	Lower	Upper
202	100		
200	19.8	16.6	24.8
203	16.8	13.7	20.5

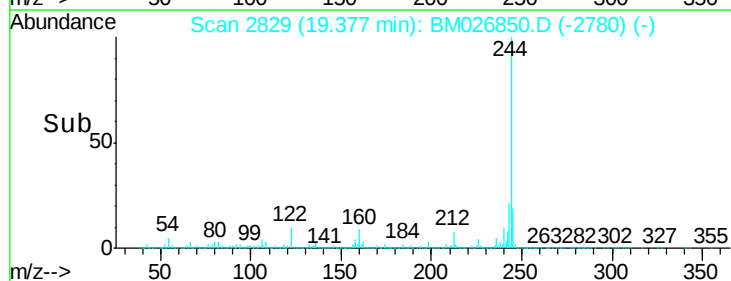
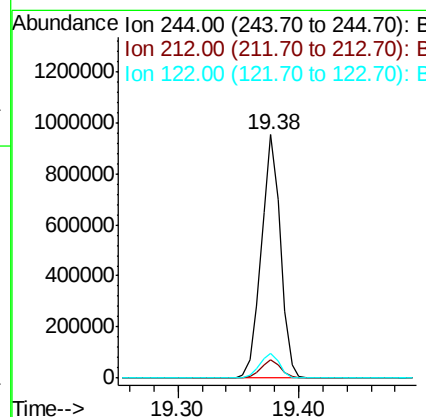
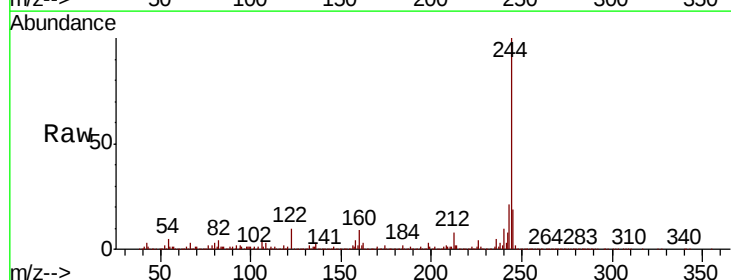
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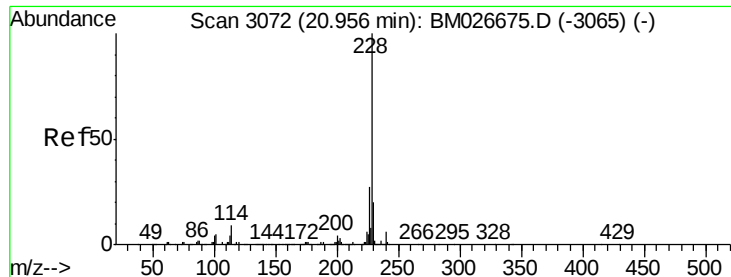
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#79
Terphenyl-d14
Concen: 44.291 ng
RT: 19.38 min Scan# 2829
Delta R.T. -0.01 min
Lab File: BM026850.D
Acq: 23 Jul 2020 14:28

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.6	5.9	8.9
122	10.4	8.2	12.4





#81

Benzo(a)anthracene

Concen: 17.790 ng

RT: 20.92 min Scan# 3092

Delta R.T. -0.01 min

Lab File: BM026850.D

Acq: 23 Jul 2020 14:28

Instrument :

BNA_M

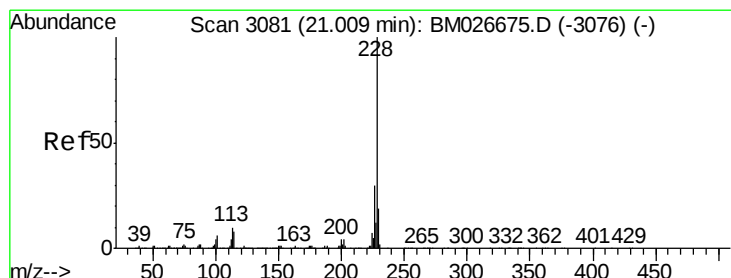
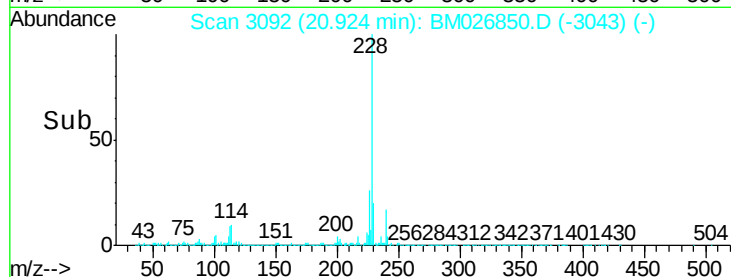
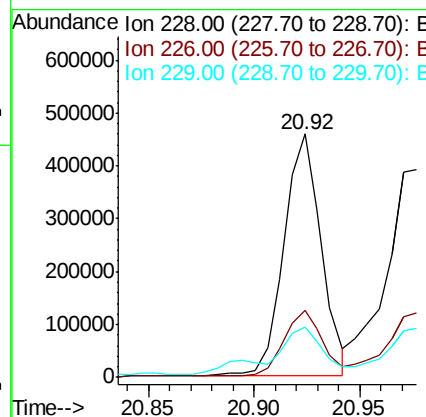
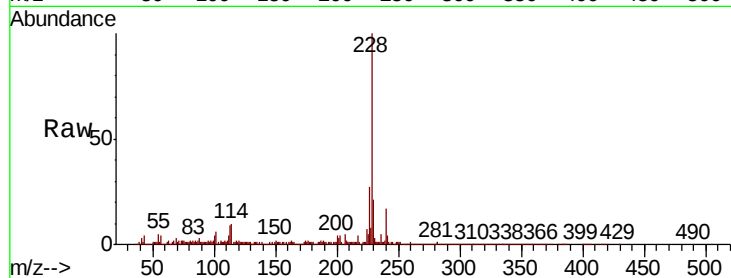
ClientSampleId :

SP-3RX

Tot Ion:	228	Resp:	561270
Ion Ratio	Lower	Upper	
228	100		
226	27.3	21.4	32.2
229	20.8	15.6	23.4

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#83

Chrysene

Concen: 18.548 ng m

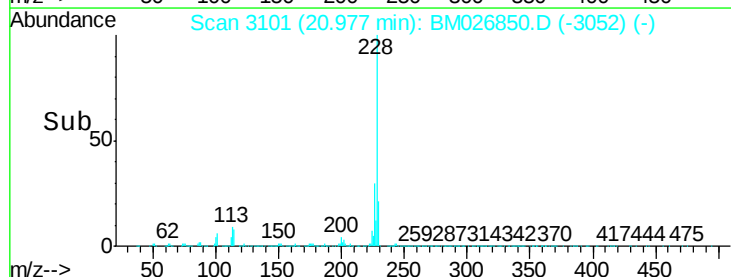
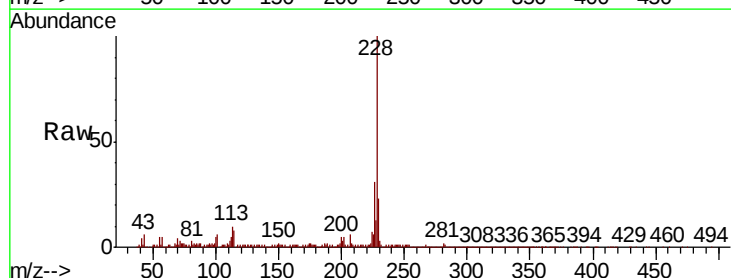
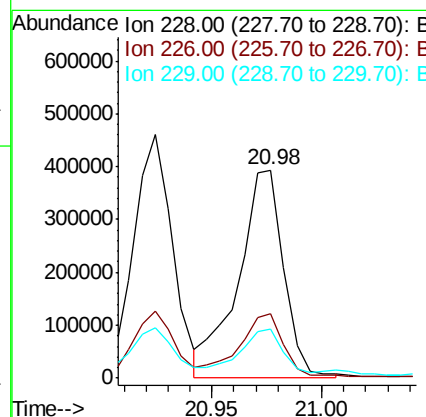
RT: 20.98 min Scan# 3101

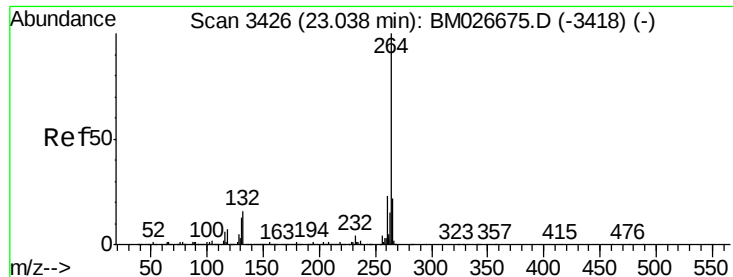
Delta R.T. -0.01 min

Lab File: BM026850.D

Acq: 23 Jul 2020 14:28

Tgt Ion:	228	Resp:	569579
Ion Ratio	Lower	Upper	
228	100		
226	30.8	23.7	35.5
229	23.5	15.4	23.0#





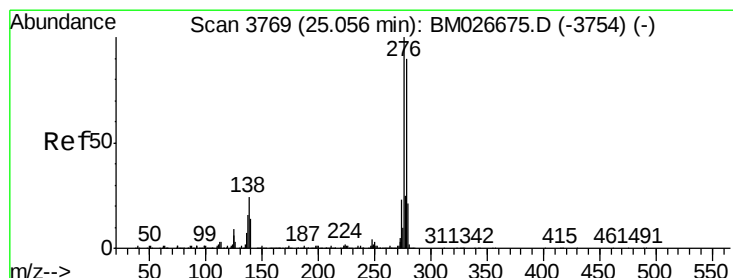
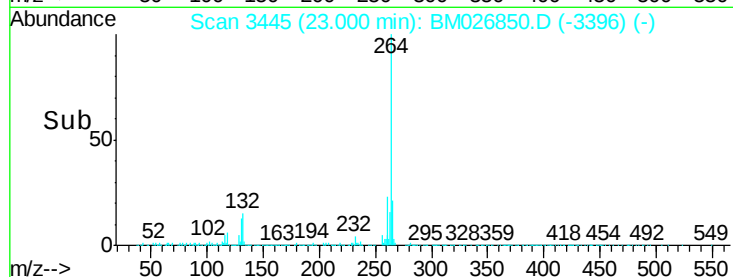
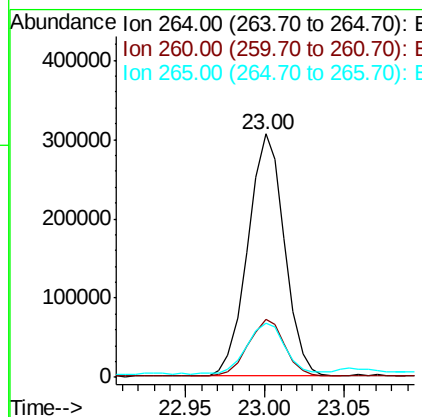
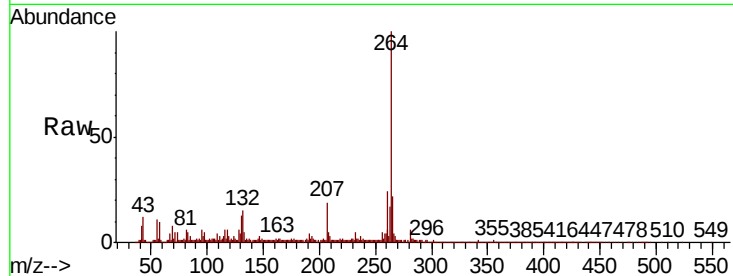
#86
Pervlene-d12
Concen: 20.000 ng
RT: 23.00 min Scan# 3445
Delta R.T. -0.01 min
Lab File: BM026850.D
Acq: 23 Jul 2020 14:28

Instrument :
BNA_M
ClientSampleId :
SP-3RX

Tot Ion:	264	Resp:	491496
Ion Ratio	Lower	Upper	
264	100		
260	23.9	18.2	27.2
265	22.1	17.6	26.4

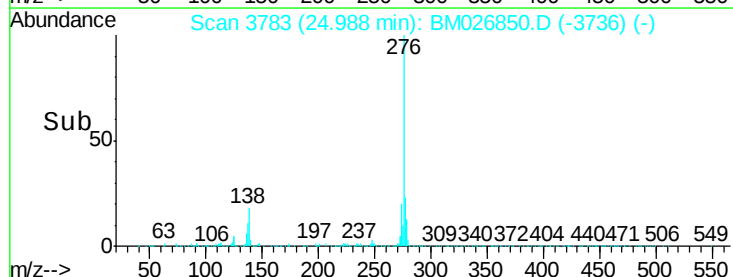
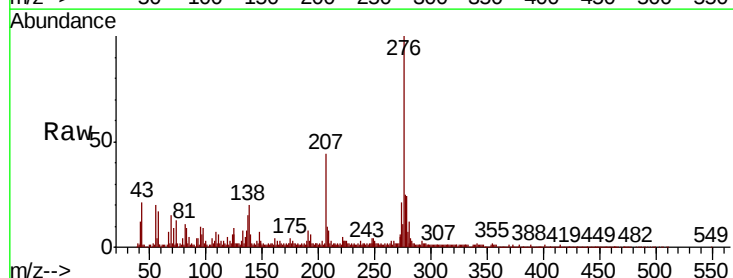
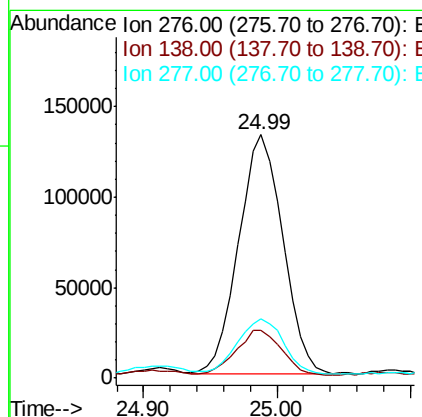
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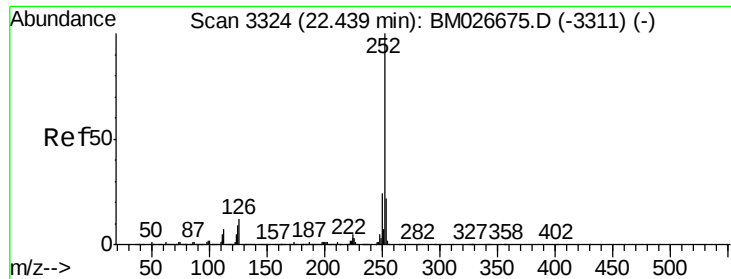
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#87
Indeno(1,2,3-cd)pyrene
Concen: 8.696 ng
RT: 24.99 min Scan# 3783
Delta R.T. -0.02 min
Lab File: BM026850.D
Acq: 23 Jul 2020 14:28

Tgt Ion:	276	Resp:	304267
Ion Ratio	Lower	Upper	
276	100		
138	19.6	18.4	27.6
277	23.9	20.0	30.0





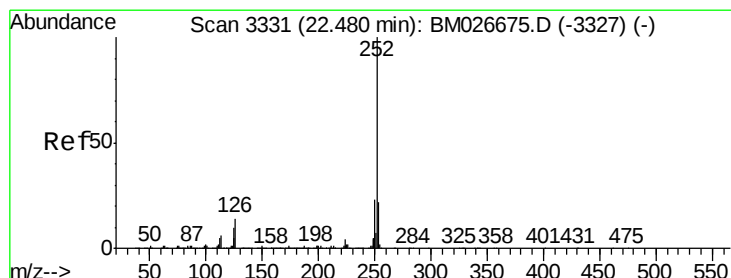
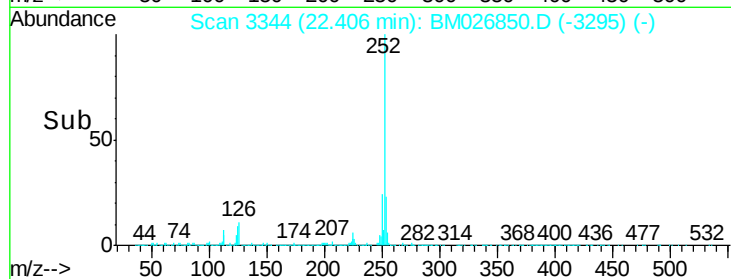
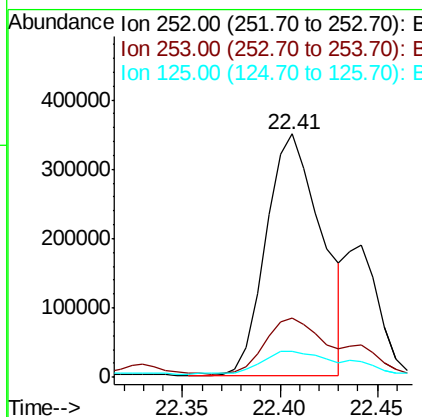
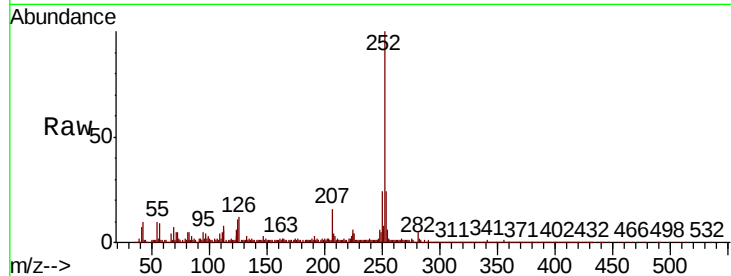
#88
Benzo(b)fluoranthene
Concen: 21.251 ng
RT: 22.41 min Scan# 3344
Delta R.T. -0.01 min
Lab File: BM026850.D
Acq: 23 Jul 2020 14:28

Instrument :
BNA_M
ClientSampled :
SP-3RX

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.2	17.5	26.3
125	10.5	7.5	11.3

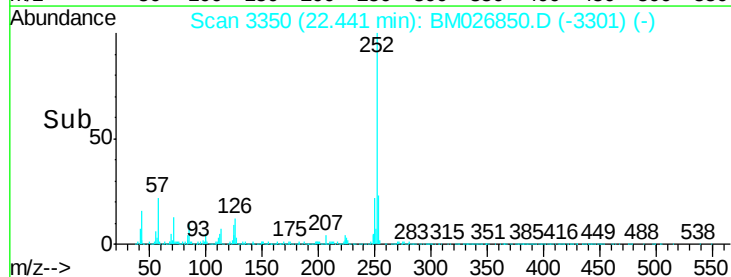
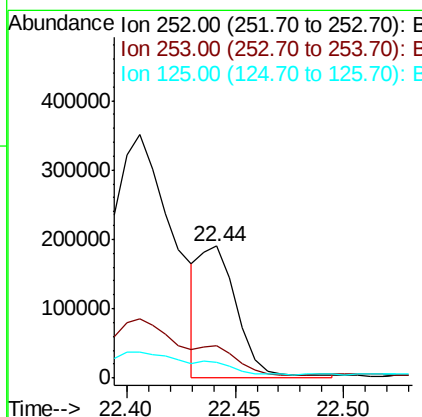
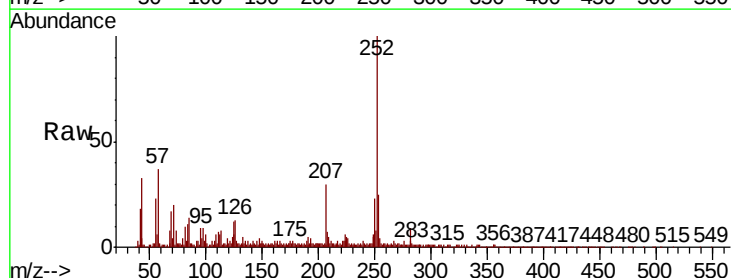
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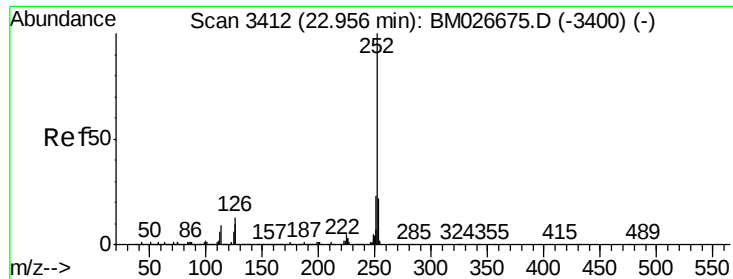
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#89
Benzo(k)fluoranthene
Concen: 7.186 ng m
RT: 22.44 min Scan# 3350
Delta R.T. -0.01 min
Lab File: BM026850.D
Acq: 23 Jul 2020 14:28

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.9	17.5	26.3
125	12.0	7.8	11.8





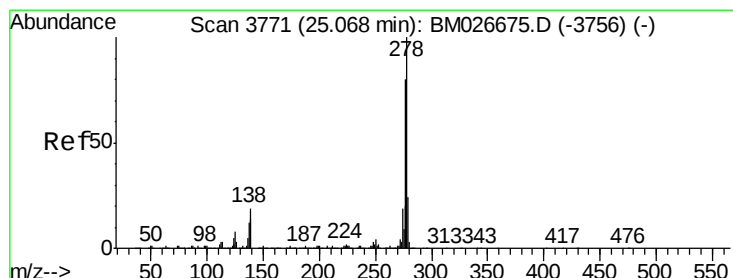
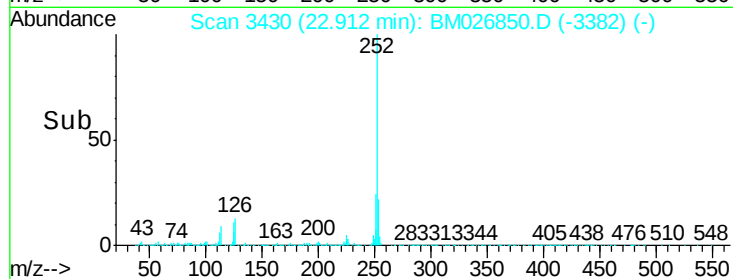
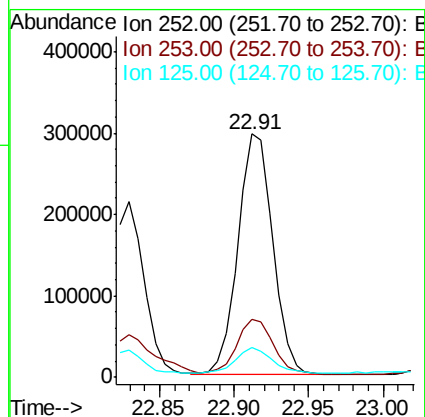
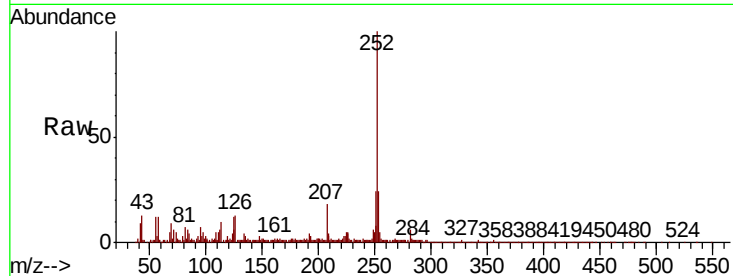
#90
Benzo(a)pyrene
Concen: 16.045 ng
RT: 22.91 min Scan# 3430
Delta R.T. -0.02 min
Lab File: BM026850.D
Acq: 23 Jul 2020 14:28

Instrument :
BNA_M
ClientSampleId :
SP-3RX

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.4	26.2
125	12.1	8.2	12.4

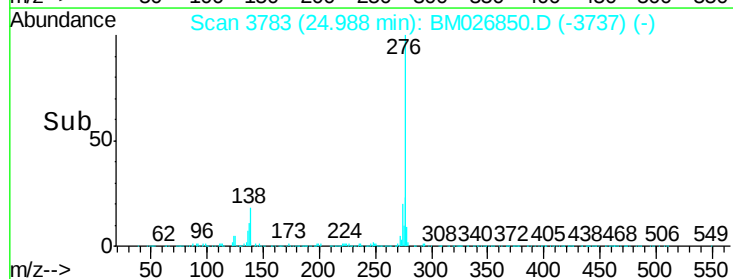
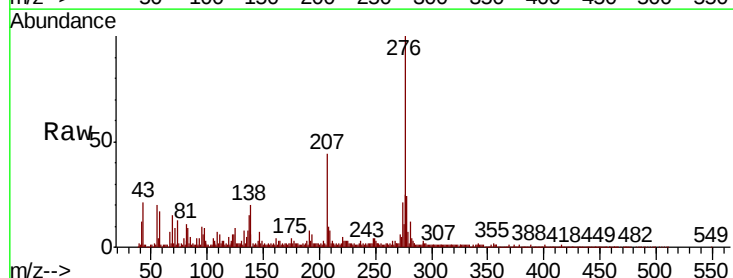
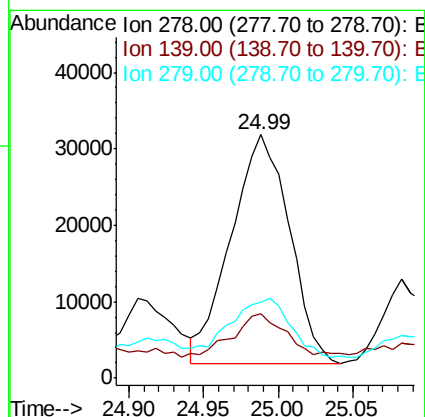
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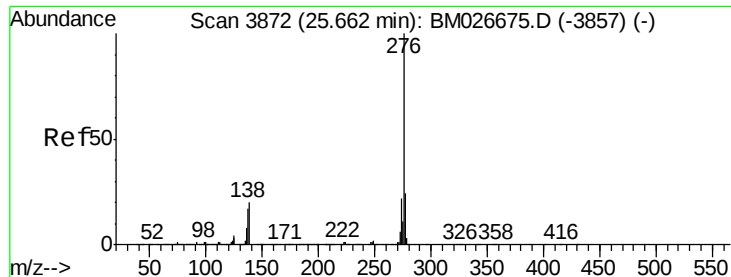
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#91
Dibenzo(a,h)anthracene
Concen: 2.749 ng
RT: 24.99 min Scan# 3783
Delta R.T. -0.03 min
Lab File: BM026850.D
Acq: 23 Jul 2020 14:28

Tgt Ion	Ratio	Lower	Upper
278	100		
139	26.3	11.2	16.8#
279	31.0	19.0	28.4#





#92
 Benzo(a,h,i)perylene
 Concen: 11.119 ng
 RT: 25.59 min Scan# 3886
 Delta R.T. -0.02 min
 Lab File: BM026850.D
 Acq: 23 Jul 2020 14:28

Instrument :
 BNA_M
 ClientSampled :
 SP-3RX

Tot Ion:	276	Resp:	302619
Ion Ratio	Lower	Upper	
276	100		
277	25.5	19.1	28.7
138	21.4	15.8	23.8

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