

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061120\
 Data File : BM026363.D
 Acq On : 11 Jun 2020 19:25
 Operator : JU/CG
 Sample : L2954-02 2X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 239-355

Manual Integrations
 APPROVED

mohammad
 6/15/2020 8:43:30 AM

Quant Time: Jun 12 01:46:08 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM060520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 09 14:46:47 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.42	152	150593	20.00	ng	0.00
21) Naphthalene-d8	10.18	136	596877	20.00	ng	0.00
39) Acenaphthene-d10	14.07	164	344590	20.00	ng	0.00
64) Phenanthrene-d10	16.83	188	731142	20.00	ng	0.00
76) Chrysene-d12	21.04	240	791083	20.00	ng	0.00
86) Perylene-d12	23.14	264	860704	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.06	112	319155	37.47	ng	0.00
7) Phenol-d6	6.63	99	426748	34.60	ng	0.00
23) Nitrobenzene-d5	8.57	82	280128	23.04	ng	0.00
42) 2,4,6-Tribromophenol	15.58	330	149576	35.83	ng	0.00
45) 2-Fluorobiphenyl	12.69	172	571768	25.19	ng	0.00
79) Terphenyl-d14	19.49	244	918631	22.54	ng	0.00
Target Compounds						
50) Dimethylphthalate	13.55	163	97080	3.852	ng	99
75) Fluoranthene	18.90	202	183507	4.204	ng	99
78) Pyrene	19.26	202	181246	3.468	ng	97
81) Benzo(a)anthracene	21.02	228	115476	2.432	ng	96
83) Chrysene	21.07	228	135679	2.998	ng	# 93
87) Indeno(1,2,3-cd)pyrene	25.20	276	105639	2.122	ng	93
88) Benzo(b)fluoranthene	22.53	252	199517m	3.853	ng	
90) Benzo(a)pyrene	23.05	252	137085	2.981	ng	# 88
92) Benzo(g,h,i)perylene	25.83	276	115837	2.929	ng	96

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

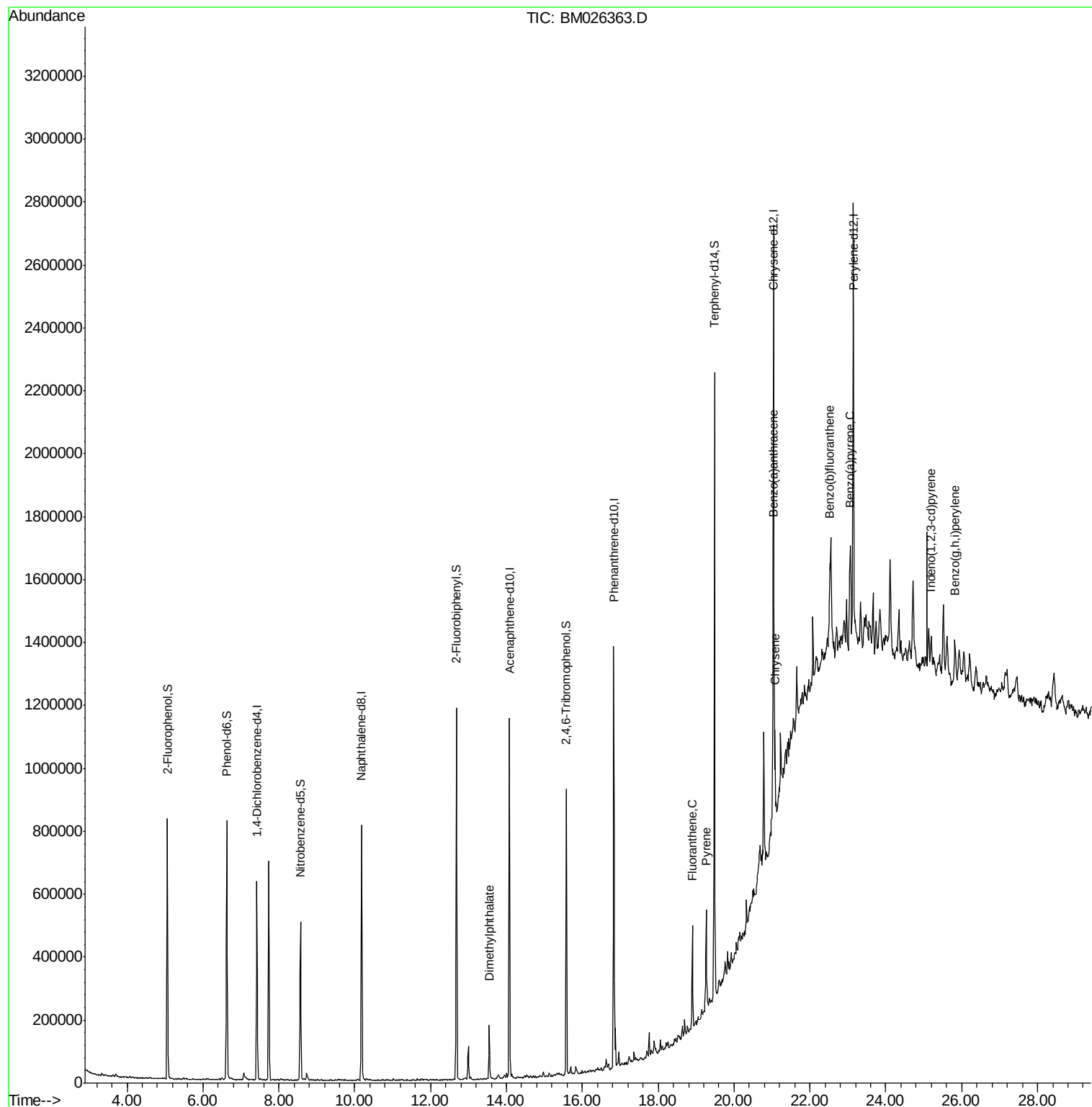
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061120\
Data File : BM026363.D
Acq On : 11 Jun 2020 19:25
Operator : JU/CG
Sample : L2954-02 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

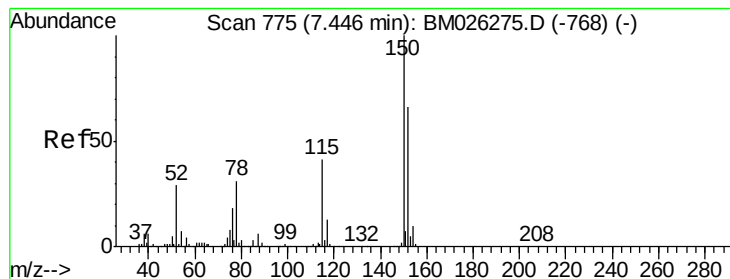
Instrument :
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239-355

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#1

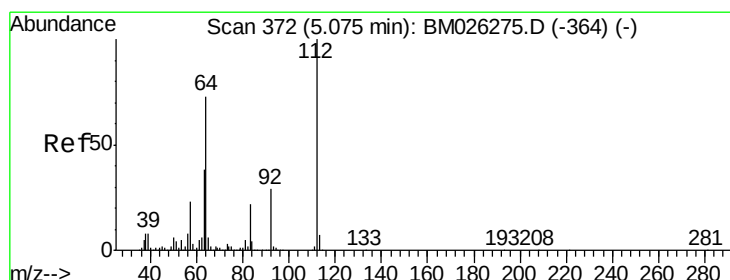
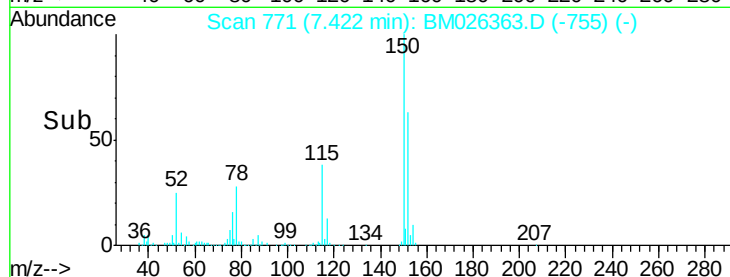
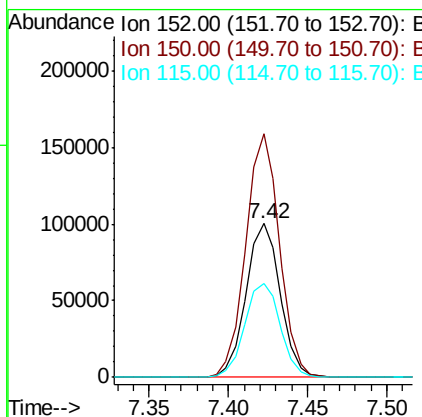
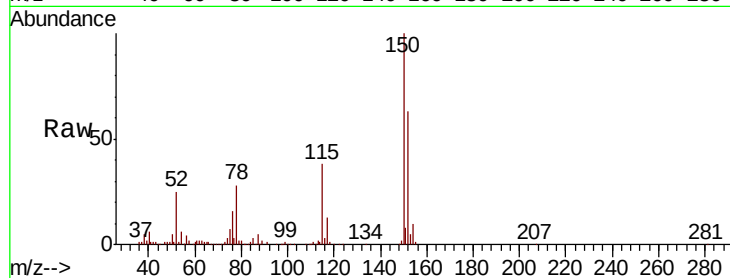
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.42 min Scan# 771
Delta R.T. -0.01 min
Lab File: BM026363.D
Acq: 11 Jun 2020 19:25

Instrument :
BNA_M
ClientSampleId :
239-355

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.2	122.1	183.1
115	60.7	49.7	74.5

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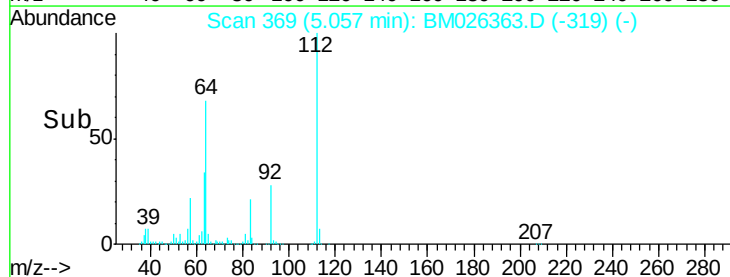
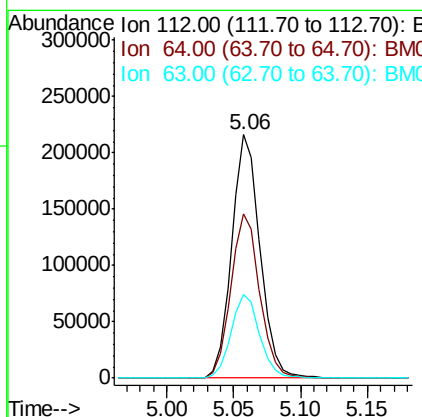
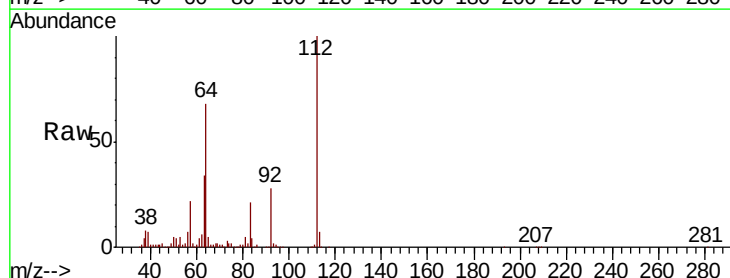
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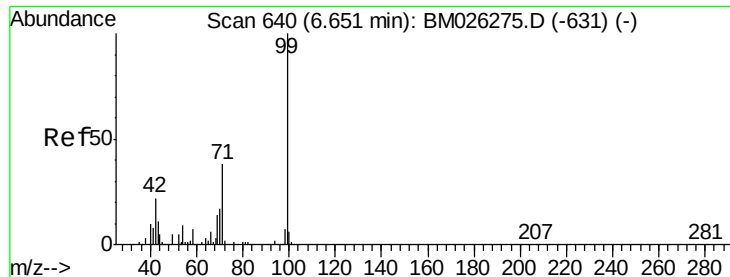


#5

2-Fluorophenol
Concen: 37.470 ng
RT: 5.06 min Scan# 369
Delta R.T. -0.01 min
Lab File: BM026363.D
Acq: 11 Jun 2020 19:25

Tgt Ion	Ratio	Lower	Upper
112	100		
64	67.7	58.1	87.1
63	34.5	30.6	45.8





#7

Phenol-d6

Concen: 34.600 ng

RT: 6.63 min Scan# 636

Delta R.T. -0.01 min

Lab File: BM026363.D

Acq: 11 Jun 2020 19:25

Instrument :

BNA_M

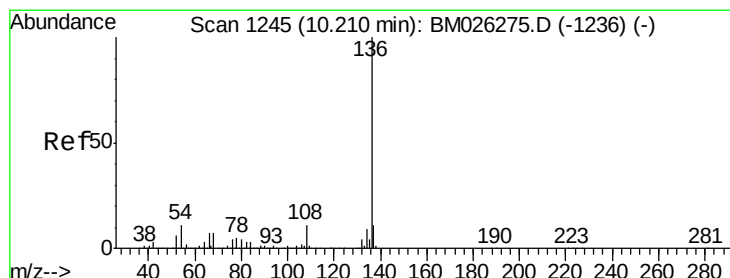
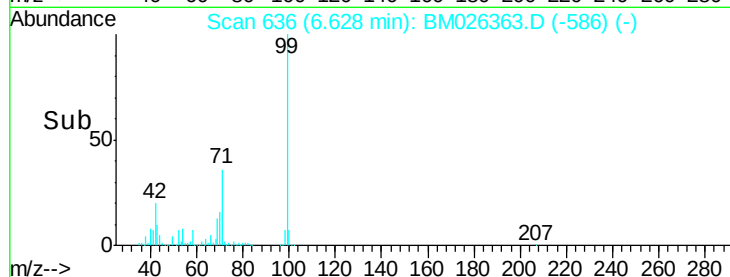
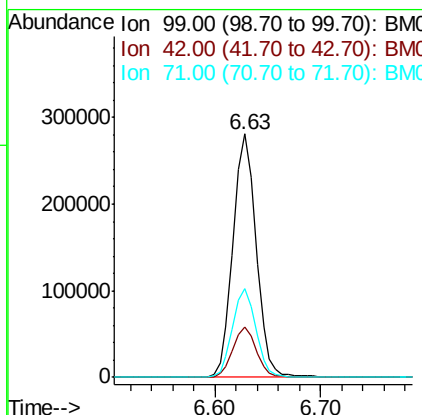
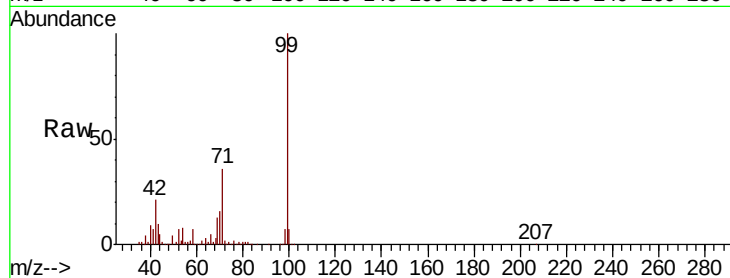
ClientSampleId :

239-355

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		426748		
42	20.5	18.0	27.0		
71	36.4	30.6	45.8		

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#21

Naphthalene-d8

Concen: 20.000 ng

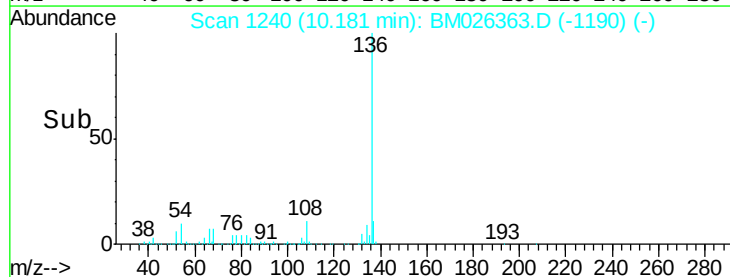
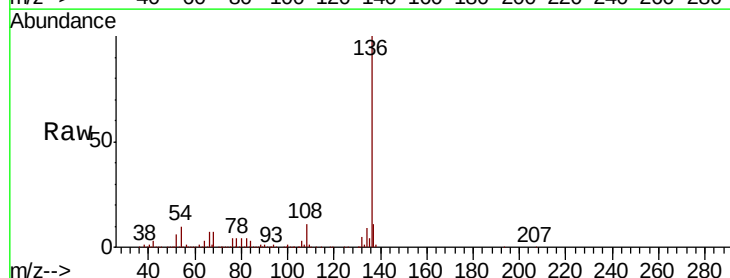
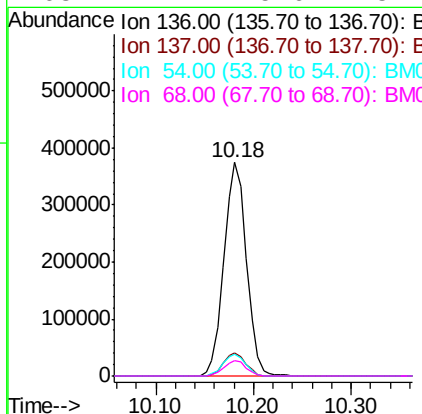
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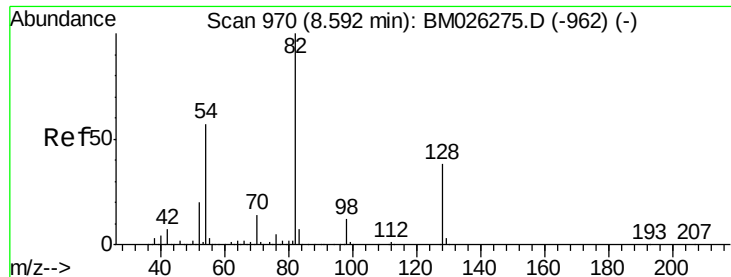
Delta R.T. -0.01 min

Lab File: BM026363.D

Acq: 11 Jun 2020 19:25

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136	100		596877		
137	11.1	8.6	13.0		
54	10.5	9.0	13.4		
68	7.2	5.6	8.4		





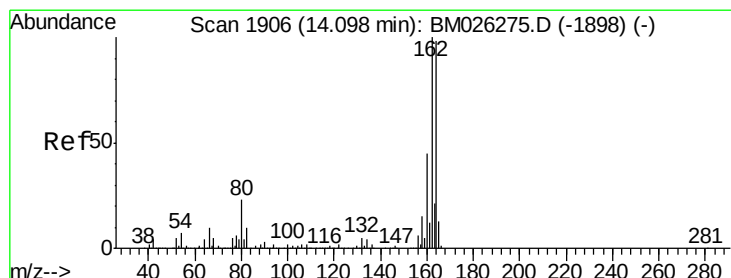
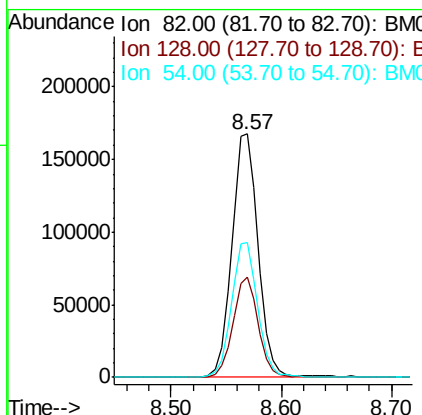
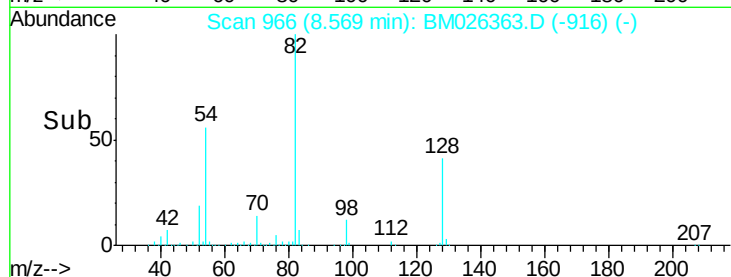
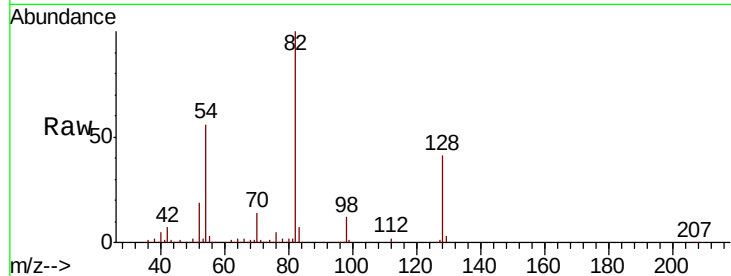
#23
Nitrobenzene-d5
Concen: 23.044 ng
RT: 8.57 min Scan# 966
Delta R.T. -0.01 min
Lab File: BM026363.D
Acq: 11 Jun 2020 19:25

Instrument :
BNA_M
ClientSampled :
239-355

Tot Ion	Ratio	Resp	Lower	Upper
82	100	280128		
128	40.9	30.3	45.5	
54	55.6	45.4	68.2	

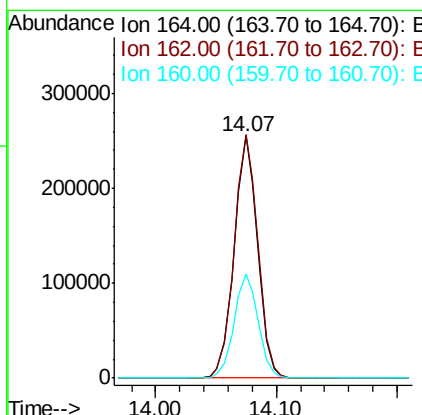
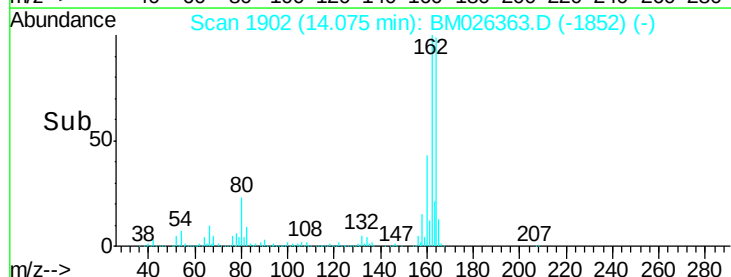
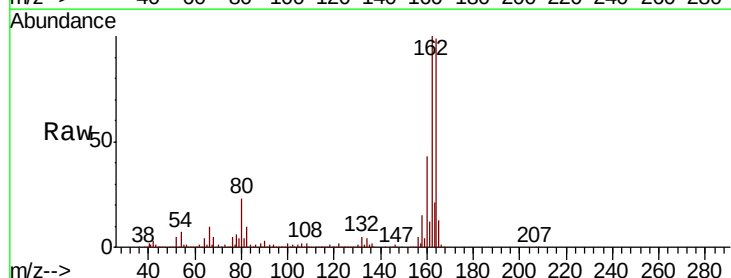
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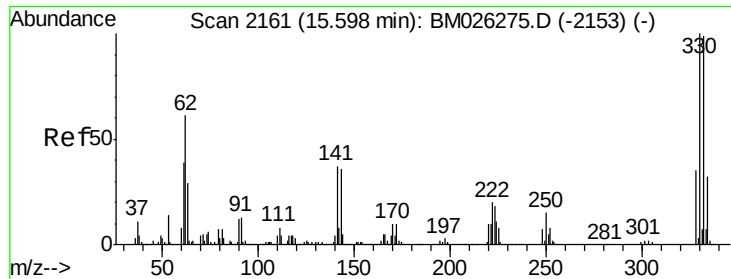
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.07 min Scan# 1902
Delta R.T. -0.01 min
Lab File: BM026363.D
Acq: 11 Jun 2020 19:25

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	344590		
162	100.5	81.4	122.2	
160	43.1	36.4	54.6	





#42

2,4,6-Tribromophenol

Concen: 35.834 ng

RT: 15.58 min Scan# 2158

Delta R.T. -0.01 min

Lab File: BM026363.D

Acq: 11 Jun 2020 19:25

Instrument :

BNA_M

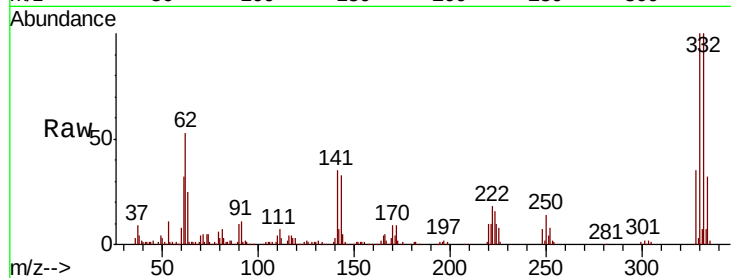
ClientSampled :

239-355

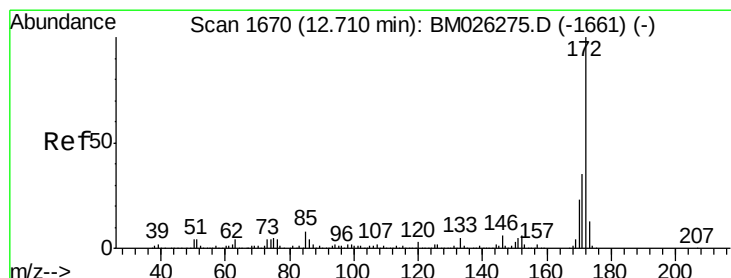
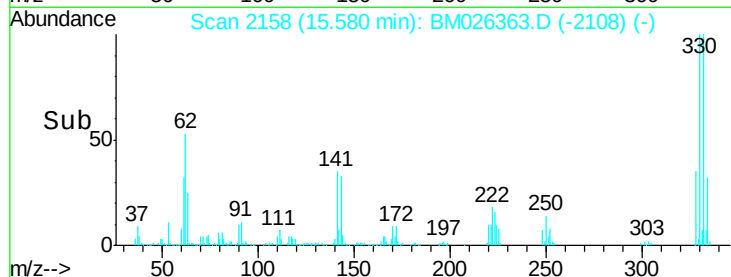
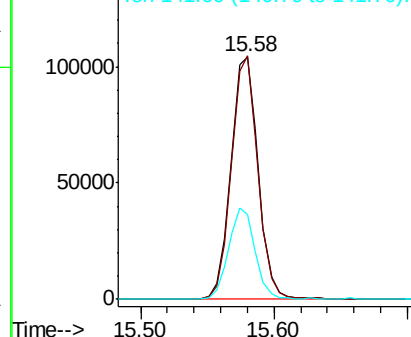
Tot Ion:	330	Resp:	149576
Ion Ratio	Lower	Upper	
330	100		
332	97.5	78.1	117.1
141	37.1	30.0	45.0

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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: 25.187 ng

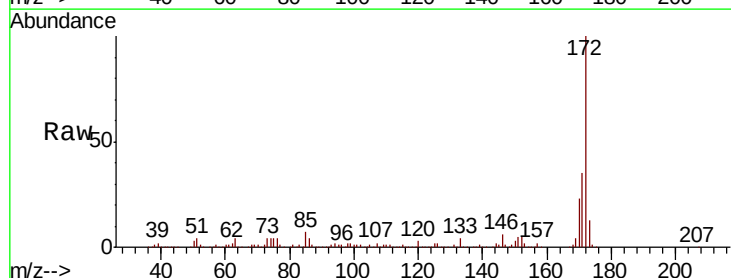
RT: 12.69 min Scan# 1666

Delta R.T. -0.01 min

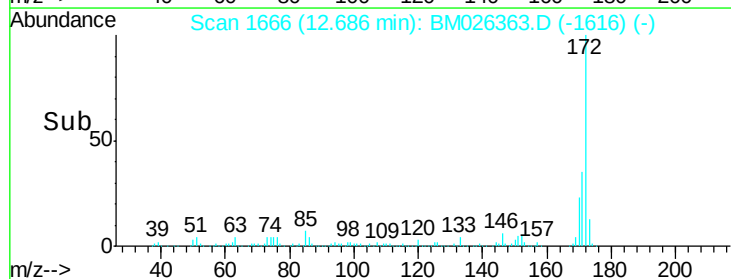
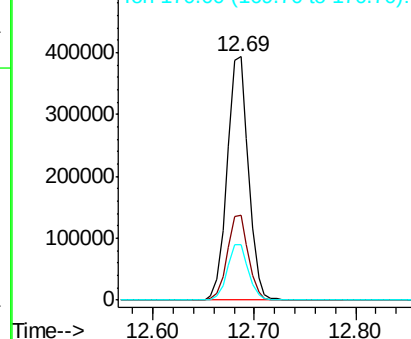
Lab File: BM026363.D

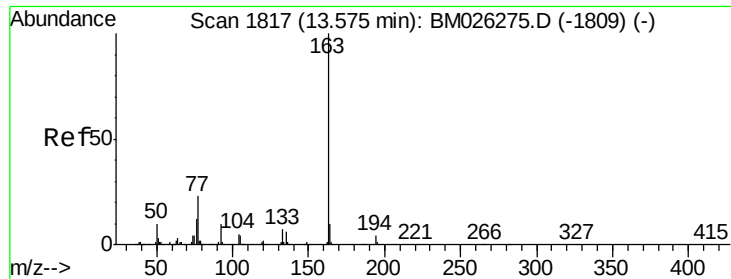
Acq: 11 Jun 2020 19:25

Tgt Ion:	172	Resp:	571768
Ion Ratio	Lower	Upper	
172	100		
171	34.8	28.2	42.2
170	22.7	18.3	27.5



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





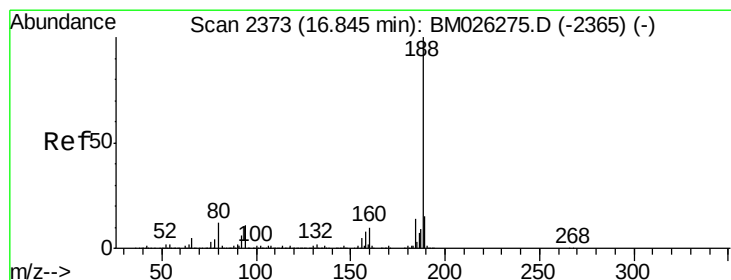
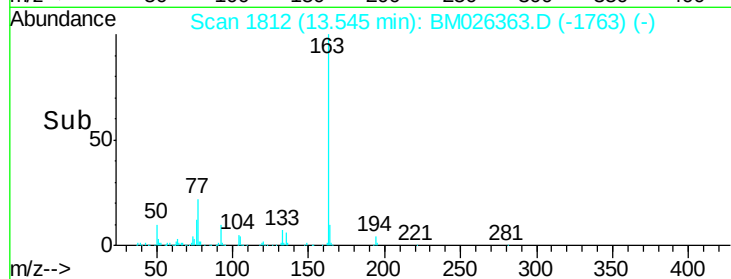
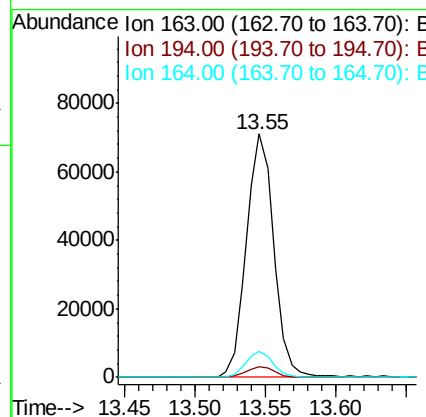
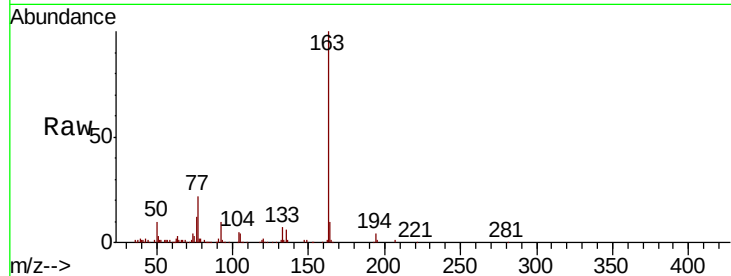
#50
Dimethylphthalate
Concen: 3.852 ng
RT: 13.55 min Scan# 1812
Delta R.T. -0.01 min
Lab File: BM026363.D
Acq: 11 Jun 2020 19:25

Instrument :
BNA_M
ClientSampleId :
239-355

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.4	5.2
164	10.5	8.0	12.0

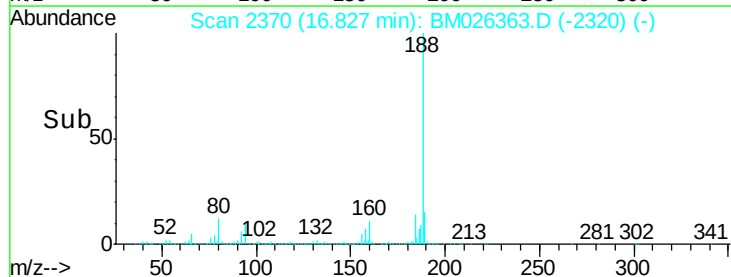
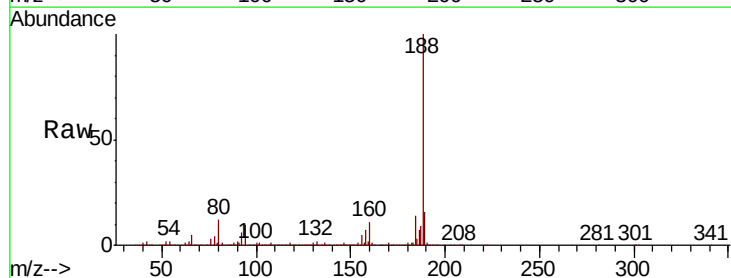
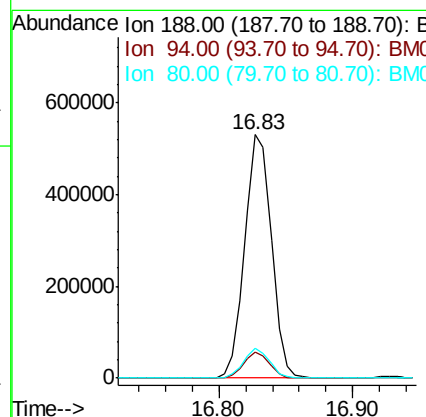
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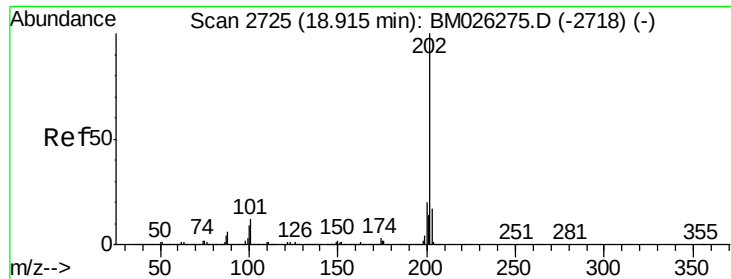
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.83 min Scan# 2370
Delta R.T. -0.01 min
Lab File: BM026363.D
Acq: 11 Jun 2020 19:25

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.5	8.6	12.8
80	12.4	9.7	14.5





#75

Fluoranthene

Concen: 4.204 ng

RT: 18.90 min Scan# 2722

Delta R.T. -0.01 min

Lab File: BM026363.D

Acq: 11 Jun 2020 19:25

Instrument :

BNA_M

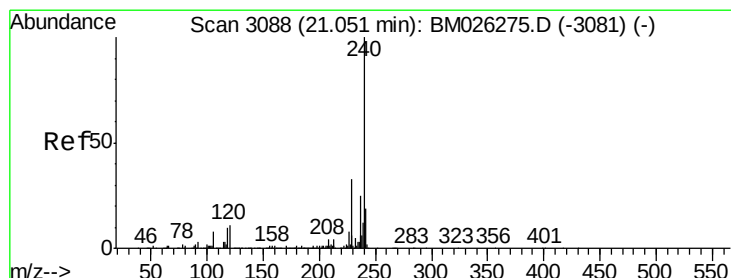
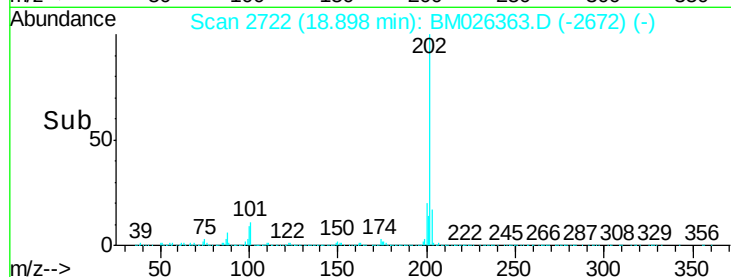
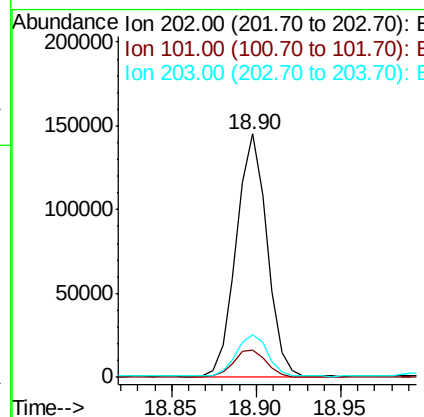
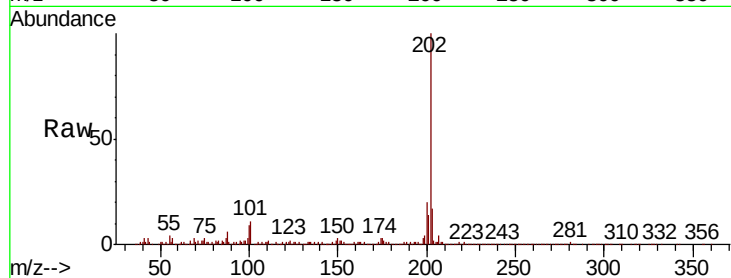
ClientSampleId :

239-355

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	11.0	0.0	31.6
203	17.4	0.0	37.4

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#76

Chrysene-d12

Concen: 20.000 ng

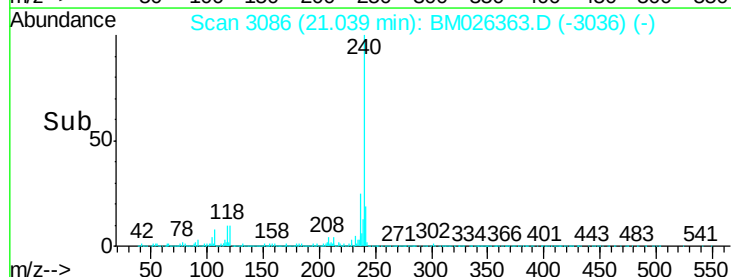
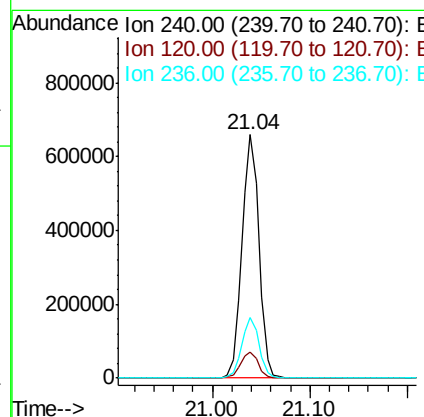
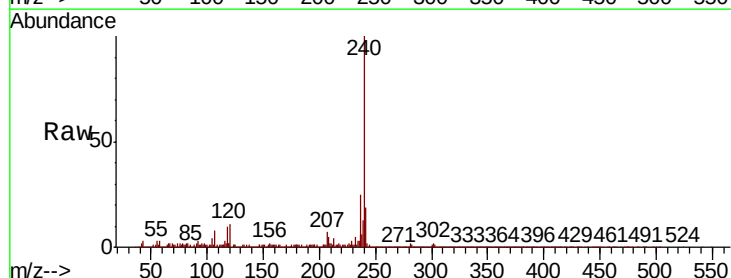
RT: 21.04 min Scan# 3086

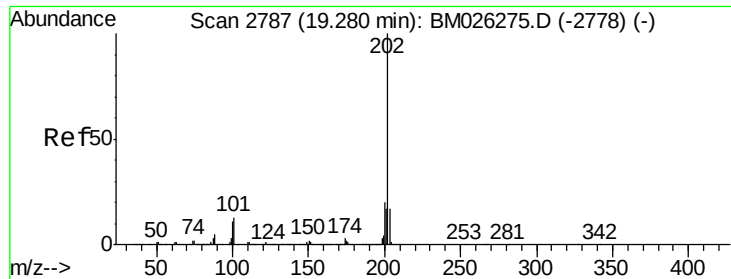
Delta R.T. -0.01 min

Lab File: BM026363.D

Acq: 11 Jun 2020 19:25

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	10.7	8.9	13.3
236	25.1	19.7	29.5





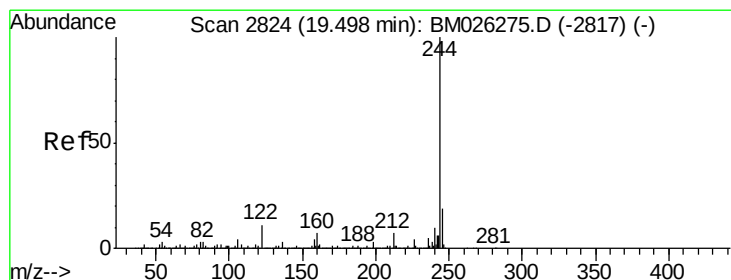
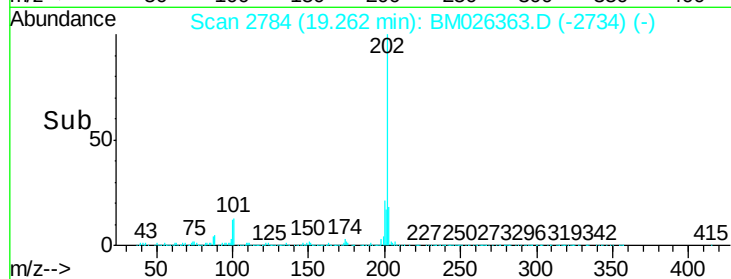
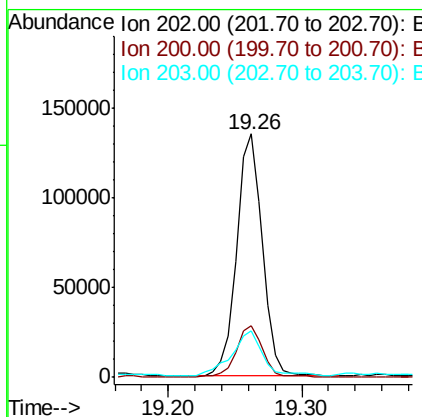
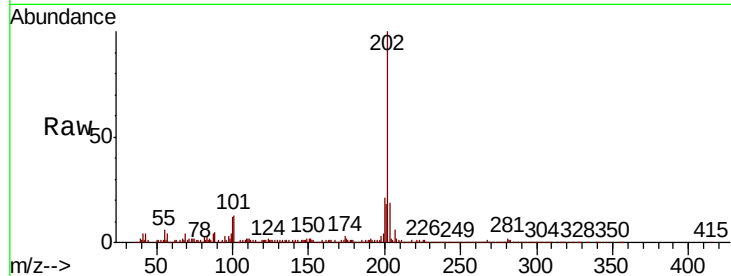
#78
Pvrene
Concen: 3.468 ng
RT: 19.26 min Scan# 2784
Delta R.T. -0.01 min
Lab File: BM026363.D
Acq: 11 Jun 2020 19:25

Instrument :
BNA_M
ClientSampleId :
239-355

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	21.2	16.2	24.4
203	19.3	13.8	20.8

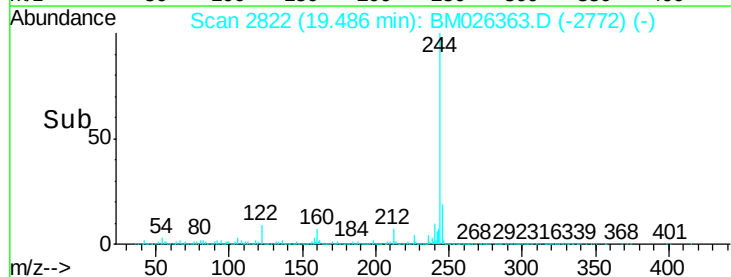
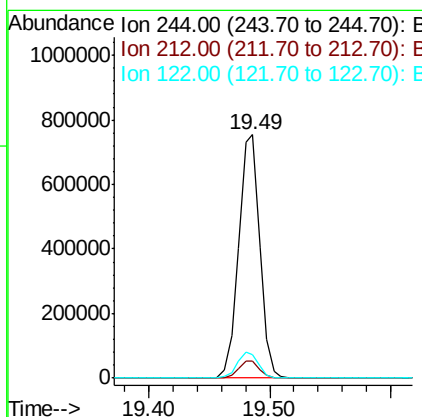
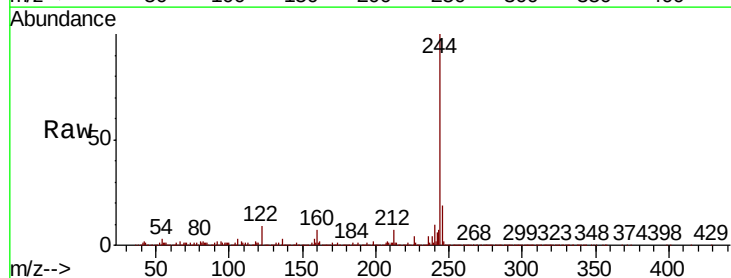
Manual Integrations
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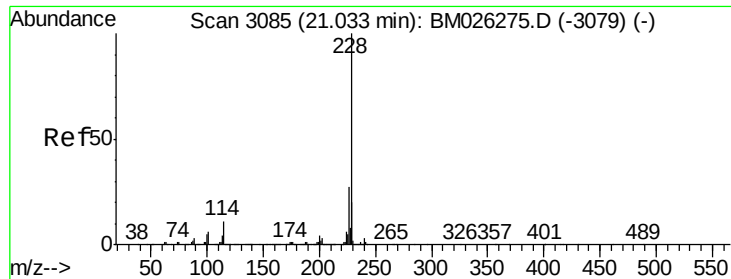
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#79
Terphenyl-d14
Concen: 22.542 ng
RT: 19.49 min Scan# 2822
Delta R.T. -0.01 min
Lab File: BM026363.D
Acq: 11 Jun 2020 19:25

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	6.9	5.7	8.5
122	9.4	9.1	13.7





#81

Benzo(a)anthracene

Concen: 2.432 ng

RT: 21.02 min Scan# 3083

Delta R.T. -0.01 min

Lab File: BM026363.D

Acq: 11 Jun 2020 19:25

Instrument :

BNA_M

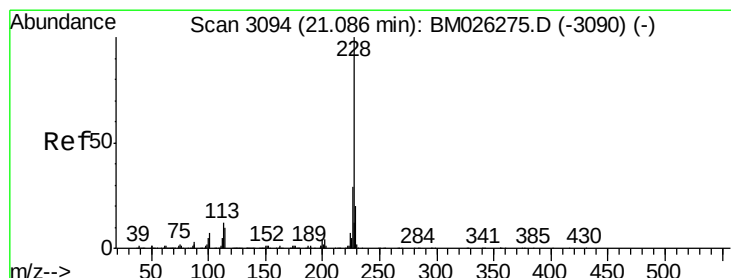
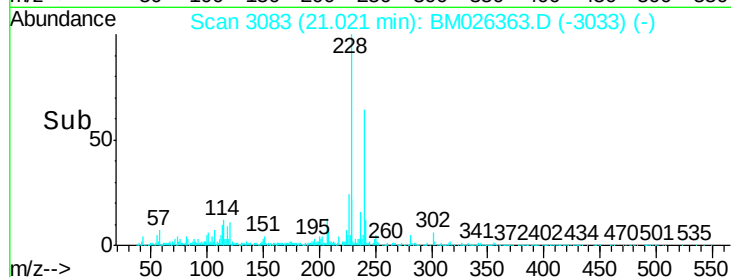
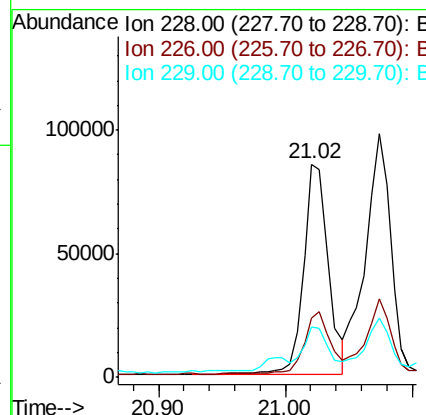
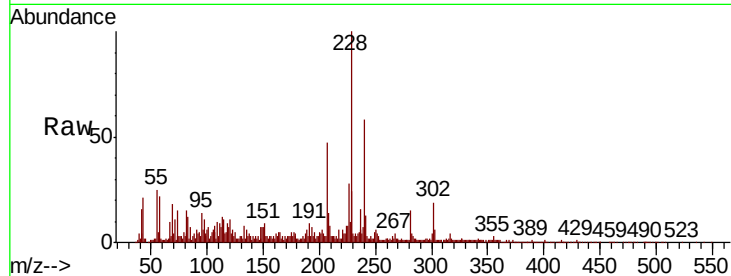
ClientSampled :

239-355

Tot Ion:	228	Resp:	115476
Ion Ratio	Lower	Upper	
228	100		
226	27.6	21.7	32.5
229	23.8	15.9	23.9

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#83

Chrysene

Concen: 2.998 ng

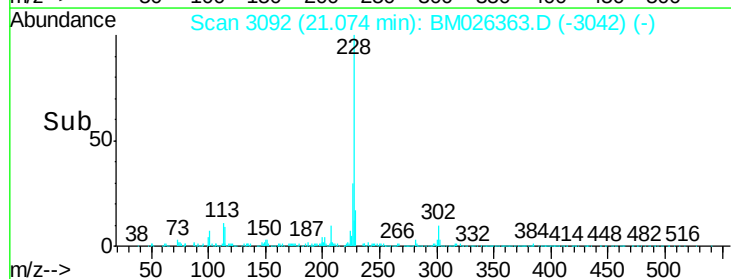
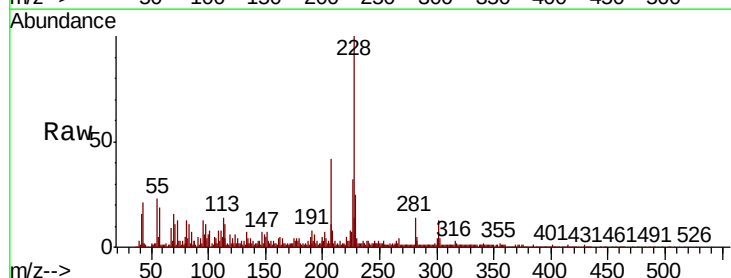
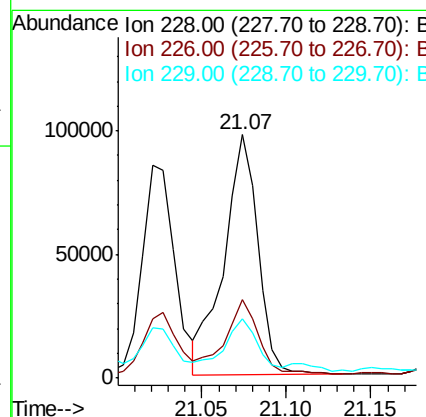
RT: 21.07 min Scan# 3092

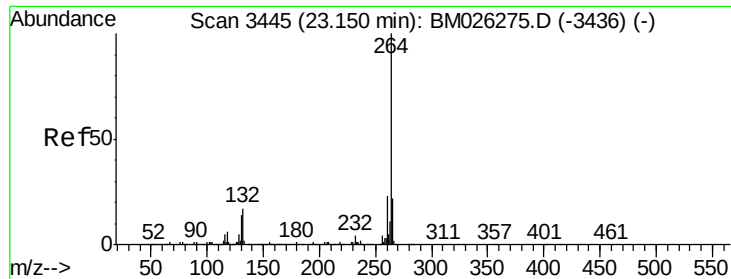
Delta R.T. -0.01 min

Lab File: BM026363.D

Acq: 11 Jun 2020 19:25

Tgt Ion:	228	Resp:	135679
Ion Ratio	Lower	Upper	
228	100		
226	32.1	23.5	35.3
229	24.6	15.8	23.6#





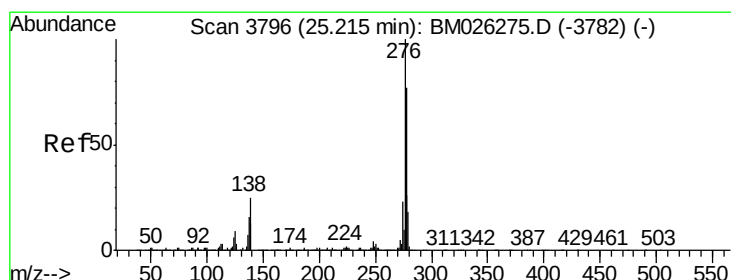
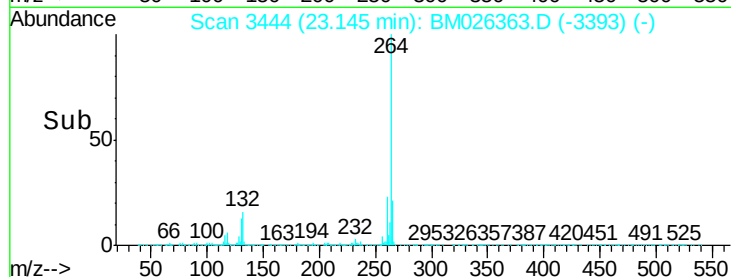
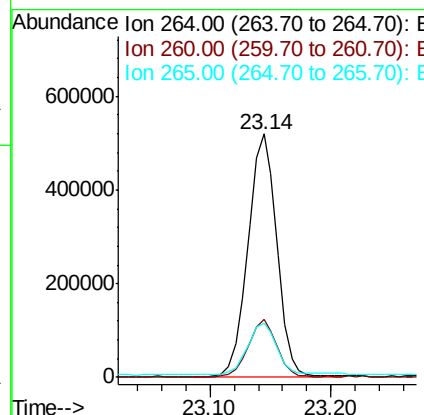
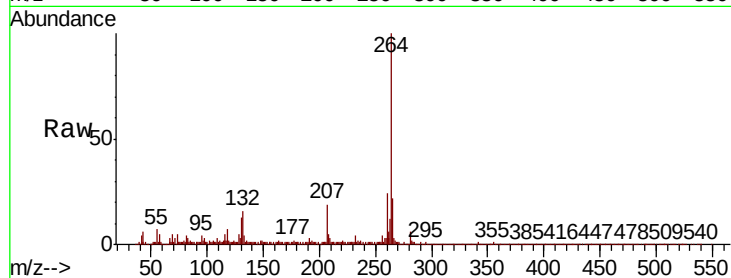
#86
Pervlene-d12
Concen: 20.000 ng
RT: 23.14 min Scan# 3444
Delta R.T. 0.00 min
Lab File: BM026363.D
Acq: 11 Jun 2020 19:25

Instrument :
BNA_M
ClientSampleId :
239-355

Tot Ion:	264	Resp:	860704
Ion Ratio	Lower	Upper	
264	100		
260	23.7	18.6	28.0
265	22.2	18.2	27.2

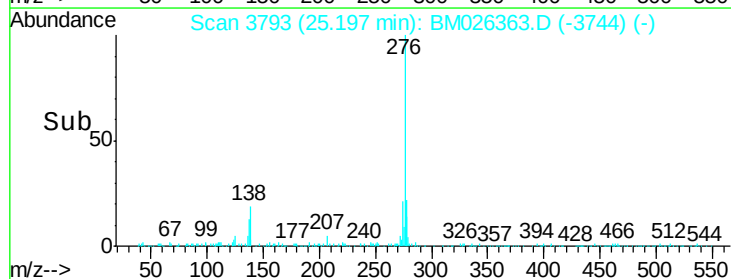
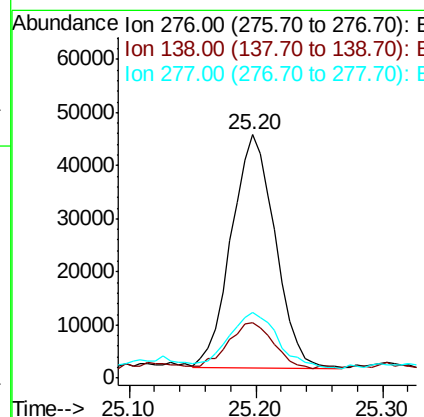
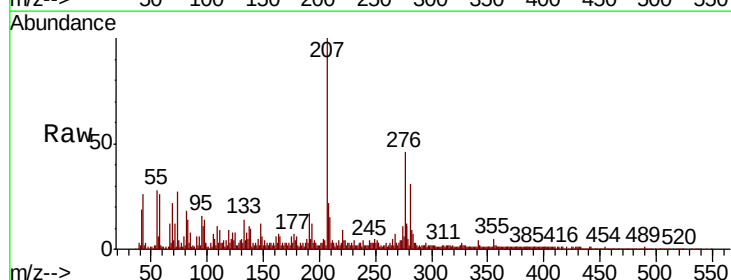
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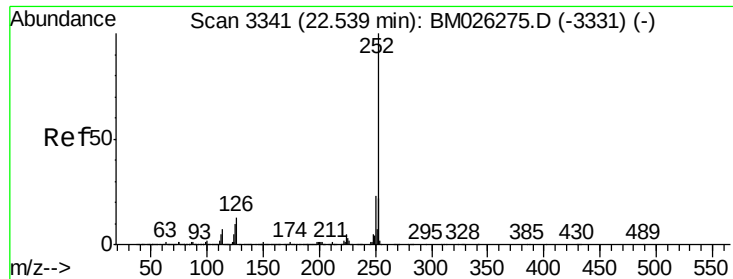
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#87
Indeno(1,2,3-cd)pyrene
Concen: 2.122 ng
RT: 25.20 min Scan# 3793
Delta R.T. -0.01 min
Lab File: BM026363.D
Acq: 11 Jun 2020 19:25

Tgt Ion:	276	Resp:	105639
Ion Ratio	Lower	Upper	
276	100		
138	19.9	19.8	29.8
277	27.1	20.2	30.2





#88

Benzo(b)fluoranthene

Concen: 3.853 ng m

RT: 22.53 min Scan# 3339

Delta R.T. -0.00 min

Lab File: BM026363.D

Acq: 11 Jun 2020 19:25

Instrument :

BNA_M

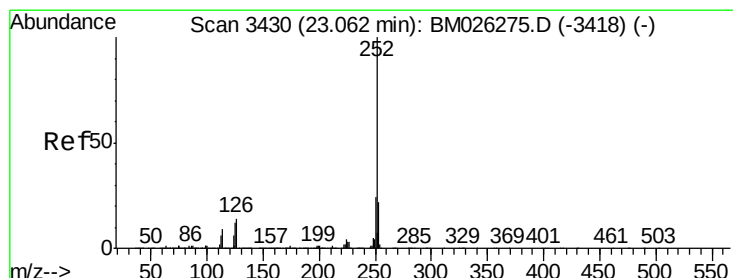
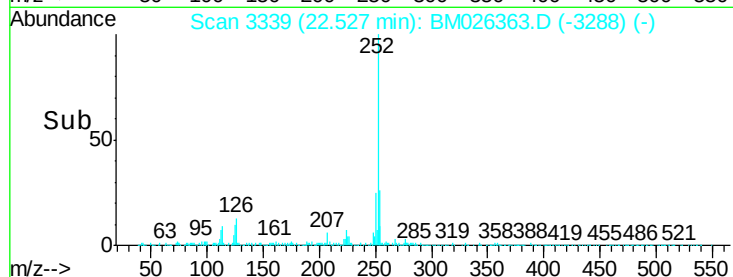
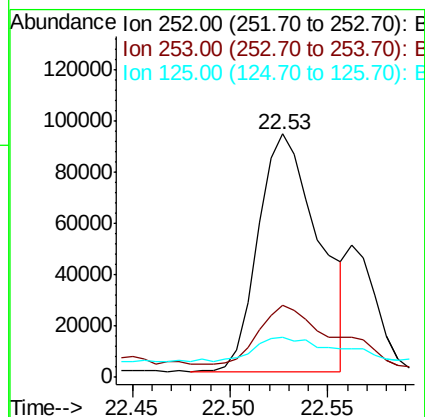
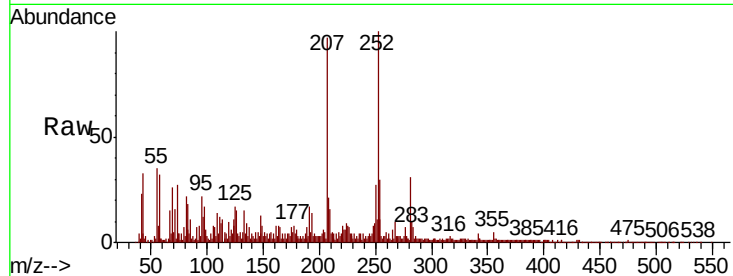
ClientSampleId :

239-355

Tot Ion:	252	Resp:	199517
Ion Ratio	Lower	Upper	
252	100		
253	29.6	17.6	26.4#
125	16.6	7.9	11.9#

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#90

Benzo(a)pyrene

Concen: 2.981 ng

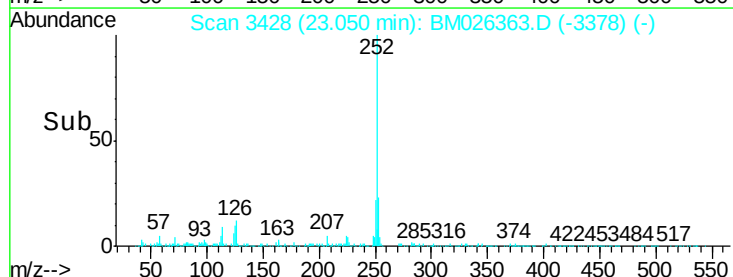
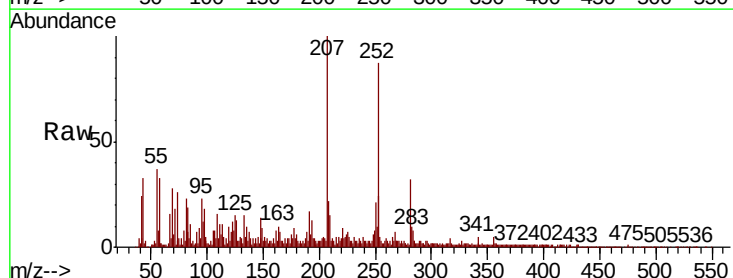
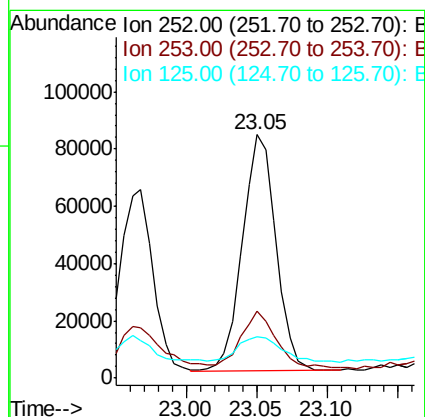
RT: 23.05 min Scan# 3428

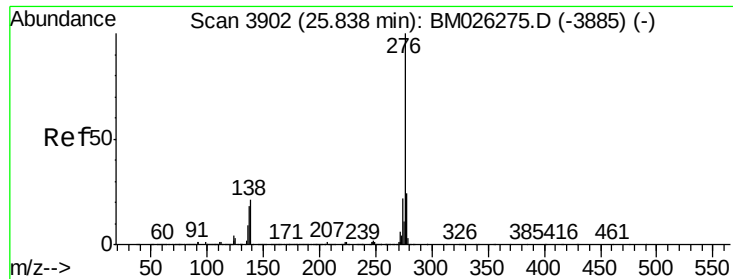
Delta R.T. -0.01 min

Lab File: BM026363.D

Acq: 11 Jun 2020 19:25

Tgt Ion:	252	Resp:	137085
Ion Ratio	Lower	Upper	
252	100		
253	27.3	17.5	26.3#
125	16.9	9.4	14.0#





#92
 Benzo(a,h,i)perylene
 Concen: 2.929 ng
 RT: 25.83 min Scan# 3900
 Delta R.T. -0.00 min
 Lab File: BM026363.D
 Acq: 11 Jun 2020 19:25

Instrument :
 BNA_M
 ClientSampleId :
 239-355

Tot Ion	Ratio	Resp Lower	Upper
276	100		
277	28.0	19.3	28.9
138	20.6	16.5	24.7

Manual Integrations
 APPROVED

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