

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060920\
 Data File : BM026313.D
 Acq On : 09 Jun 2020 22:23
 Operator : JU/CG
 Sample : L2961-02
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 FM-CON-2

Quant Time: Jun 10 00:24:44 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

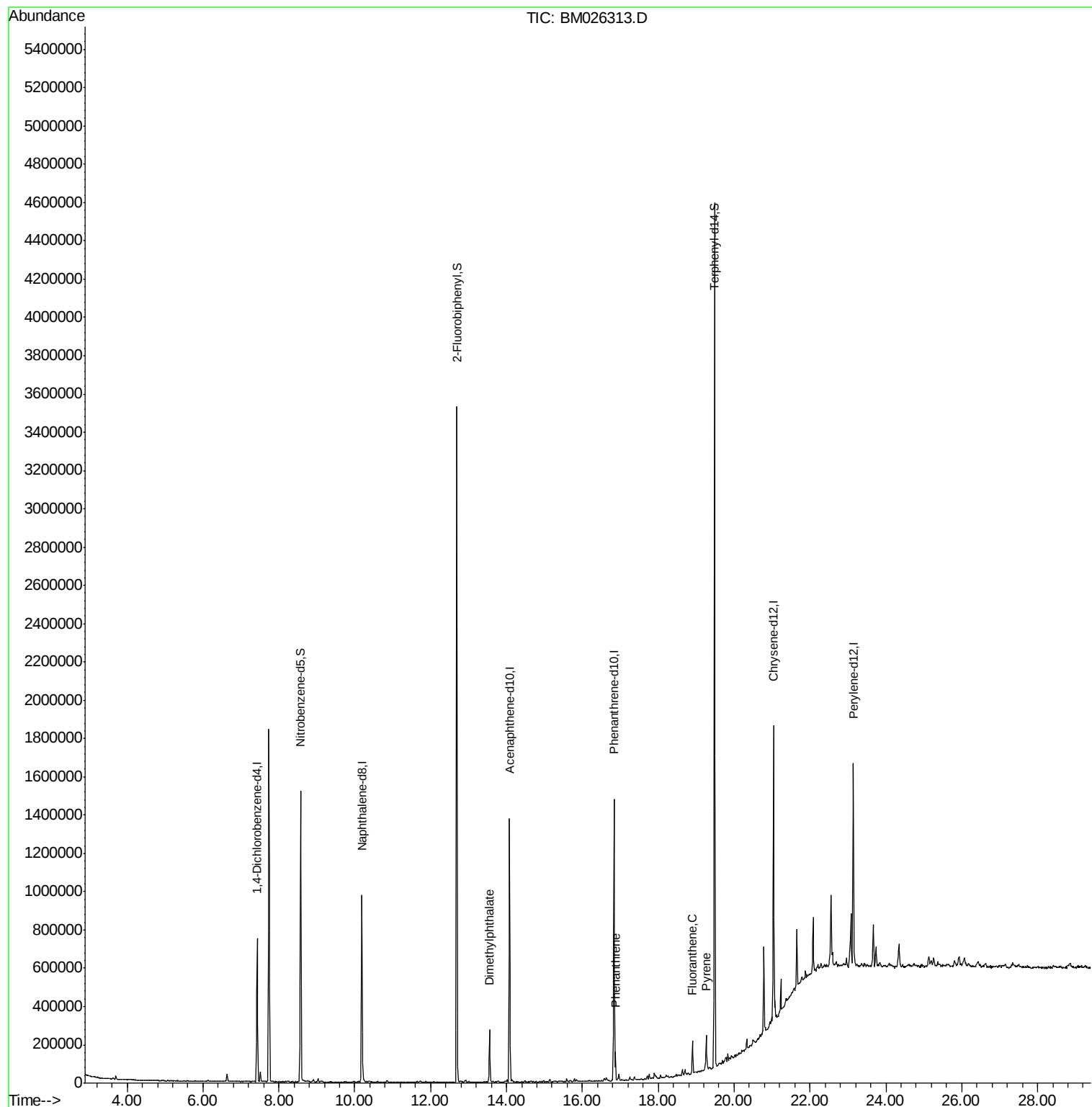
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.43	152	176945	20.00	ng	0.00
21) Naphthalene-d8	10.19	136	727568	20.00	ng	0.00
39) Acenaphthene-d10	14.08	164	414004	20.00	ng	0.00
64) Phenanthrene-d10	16.83	188	780681	20.00	ng	0.00
76) Chrysene-d12	21.04	240	668259	20.00	ng	0.00
86) Perylene-d12	23.14	264	685054	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.06	112	600	0.06	ng	0.00
7) Phenol-d6	6.63	99	18819	1.30	ng	0.00
23) Nitrobenzene-d5	8.57	82	816090	55.07	ng	0.00
42) 2,4,6-Tribromophenol	15.59	330	1621	0.32	ng	0.00
45) 2-Fluorobiphenyl	12.69	172	1644521	60.30	ng	0.00
79) Terphenyl-d14	19.49	244	1983844	57.63	ng	0.00
Target Compounds						
50) Dimethylphthalate	13.55	163	159574	5.270	ng	99
71) Phenanthrene	16.87	178	81484	2.004	ng	99
75) Fluoranthene	18.90	202	102883	2.207	ng	98
78) Pyrene	19.26	202	102063	2.312	ng	98

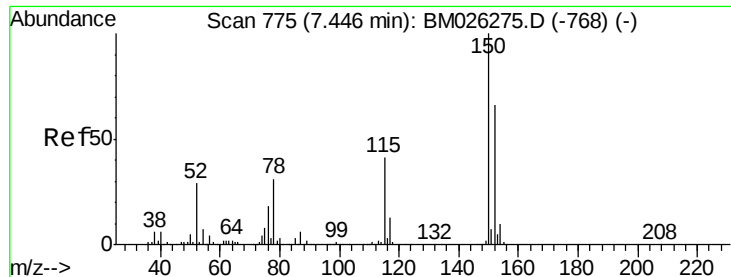
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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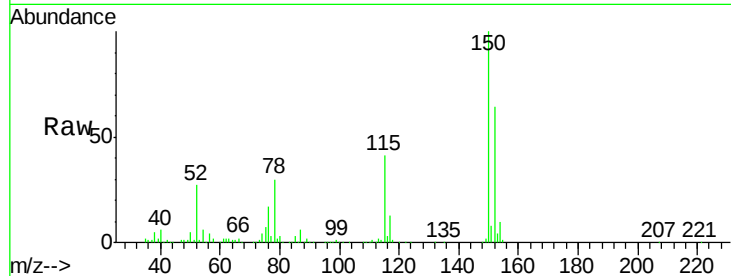


#1

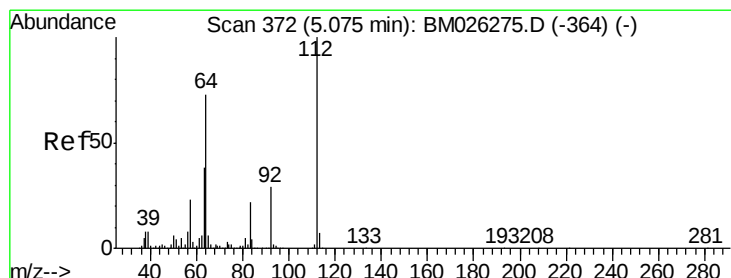
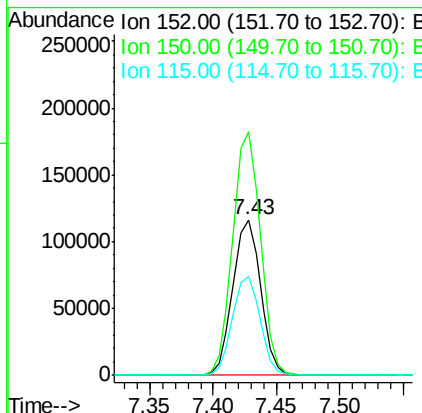
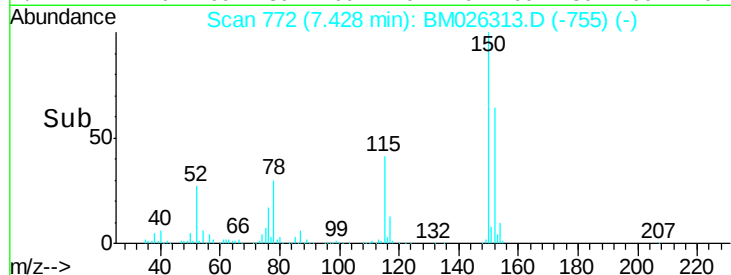
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.43 min Scan# 772
Delta R.T. -0.00 min
Lab File: BM026313.D
Acq: 09 Jun 2020 22:23

Instrument :
BNA_M
ClientSampleId :
FM-CON-2

Tot Ion	152	Resp	176945
Ion Ratio	Lower	Upper	
152	100		
150	156.5	122.1	183.1
115	63.5	49.7	74.5



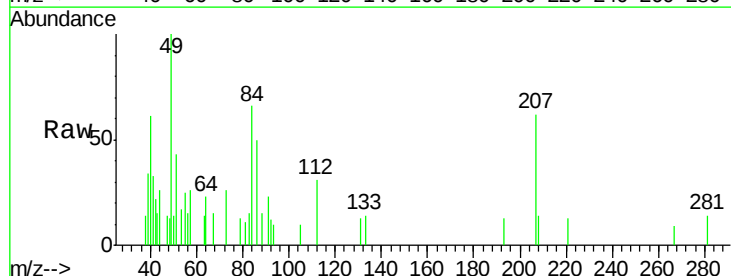
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



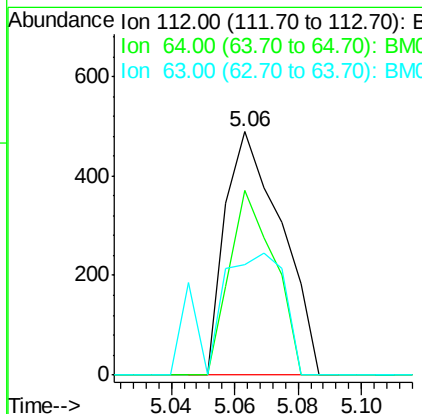
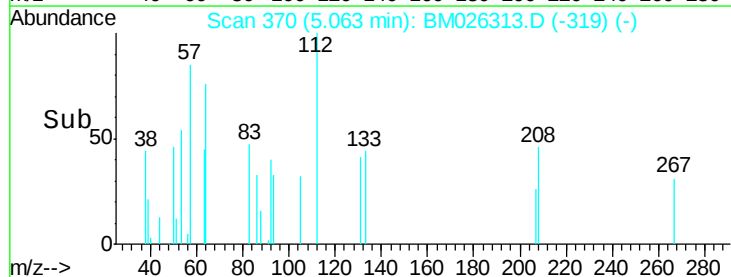
#5

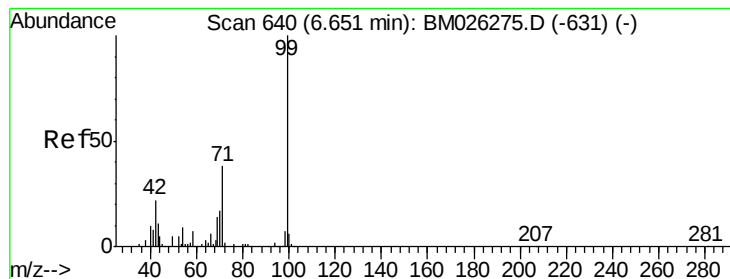
2-Fluorophenol
Concen: 0.060 ng
RT: 5.06 min Scan# 370
Delta R.T. -0.00 min
Lab File: BM026313.D
Acq: 09 Jun 2020 22:23

Tgt Ion	112	Resp	600
Ion Ratio	Lower	Upper	
112	100		
64	75.9	58.1	87.1
63	45.2	30.6	45.8



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BM0
Ion 63.00 (62.70 to 63.70): BM0





#7

Phenol-d6

Concen: 1.299 ng

RT: 6.63 min Scan# 637

Delta R.T. -0.00 min

Lab File: BM026313.D

Acq: 09 Jun 2020 22:23

Instrument :

BNA_M

ClientSampleId :

FM-CON-2

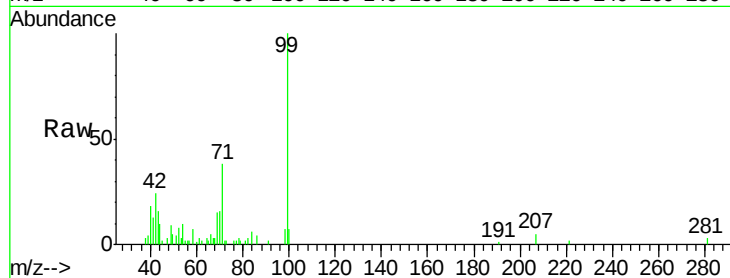
Tot Ion: 99 Resp: 18819

Ion Ratio Lower Upper

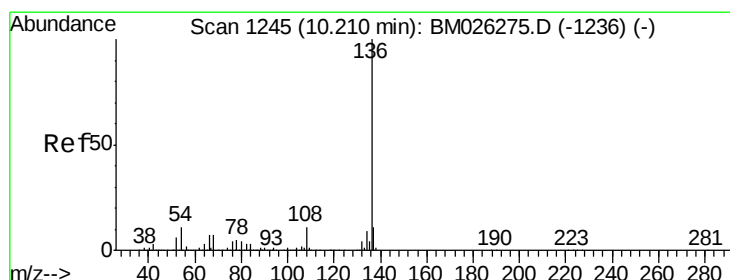
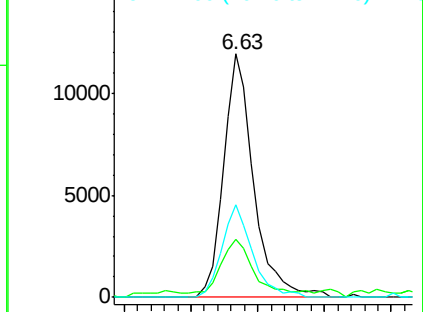
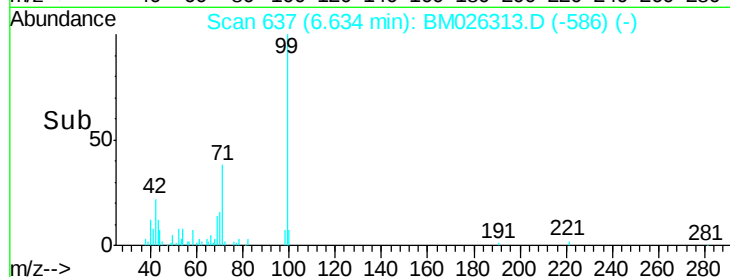
99 100

42 23.7 18.0 27.0

71 37.8 30.6 45.8



Abundance Ion 99.00 (98.70 to 99.70): BM026313.D (-586) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.19 min Scan# 1241

Delta R.T. -0.00 min

Lab File: BM026313.D

Acq: 09 Jun 2020 22:23

Tgt Ion: 136 Resp: 727568

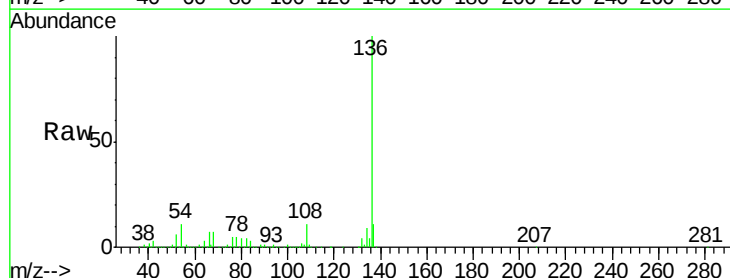
Ion Ratio Lower Upper

136 100

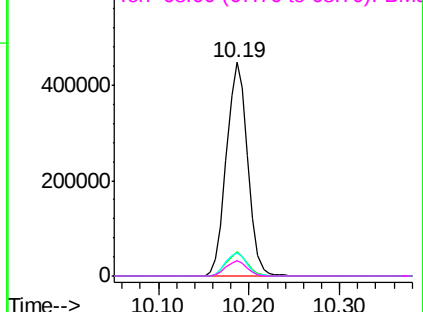
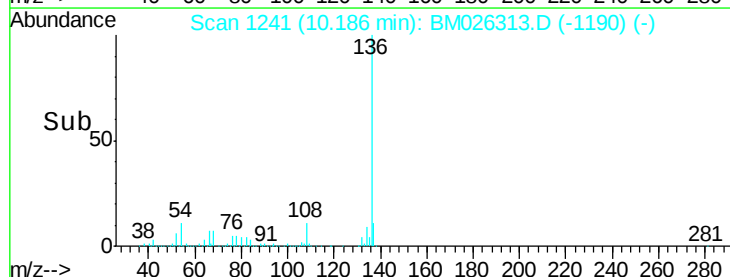
137 11.3 8.6 13.0

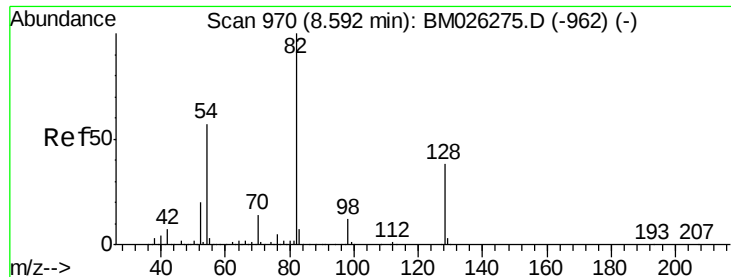
54 11.0 9.0 13.4

68 7.0 5.6 8.4



Abundance Ion 136.00 (135.70 to 136.70): BM026313.D (-1190) (-)

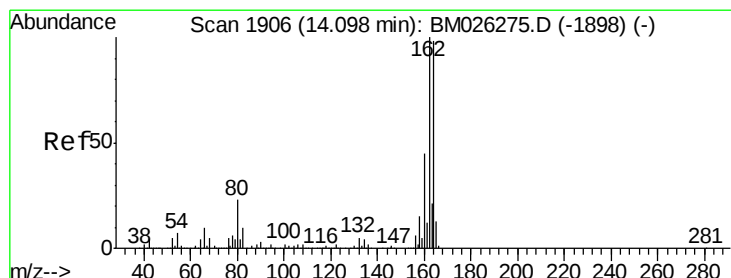
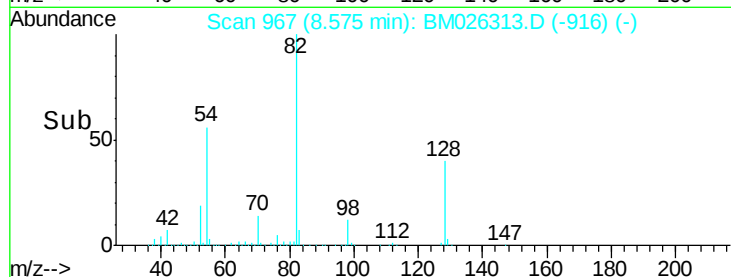
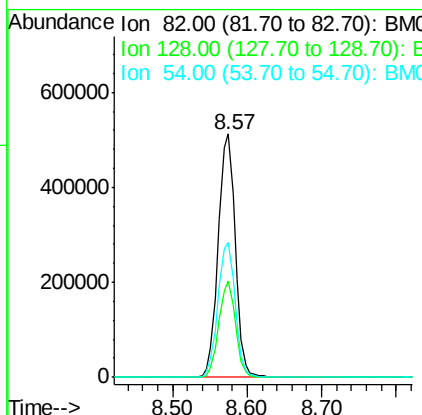
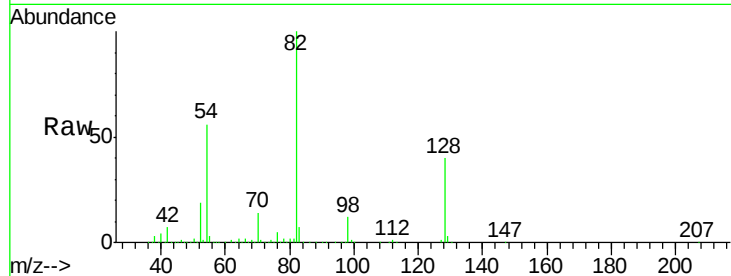




#23
 Nitrobenzene-d5
 Concen: 55.074 ng
 RT: 8.57 min Scan# 967
 Delta R.T. -0.00 min
 Lab File: BM026313.D
 Acq: 09 Jun 2020 22:23

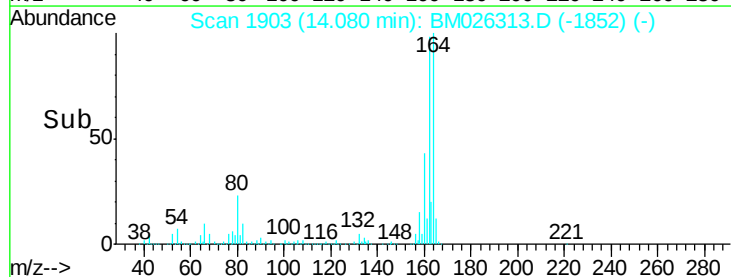
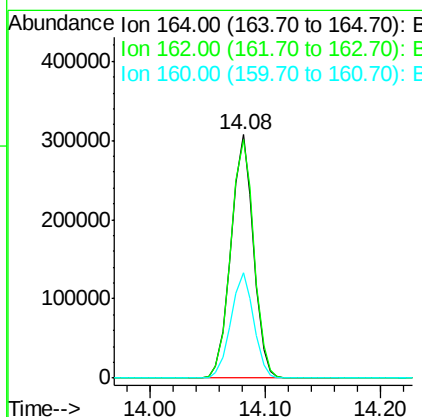
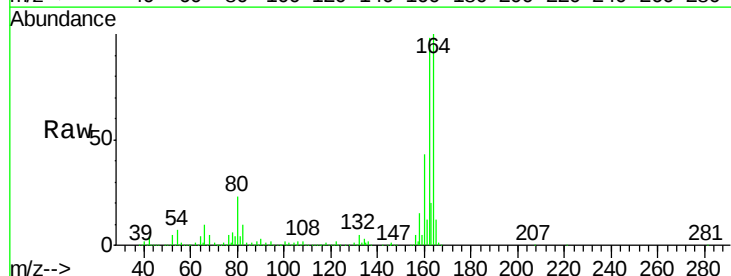
Instrument :
 BNA_M
 ClientSampleId :
 FM-CON-2

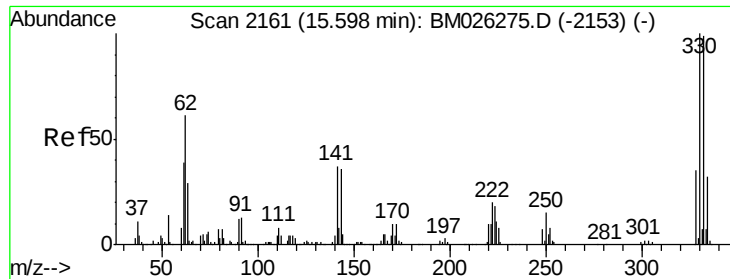
Tot Ion	82	Resp	816090
Ion Ratio	Lower	Upper	
82	100		
128	39.8	30.3	45.5
54	55.6	45.4	68.2



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.08 min Scan# 1903
 Delta R.T. -0.00 min
 Lab File: BM026313.D
 Acq: 09 Jun 2020 22:23

Tgt Ion	164	Resp	414004
Ion Ratio	Lower	Upper	
164	100		
162	98.1	81.4	122.2
160	43.2	36.4	54.6

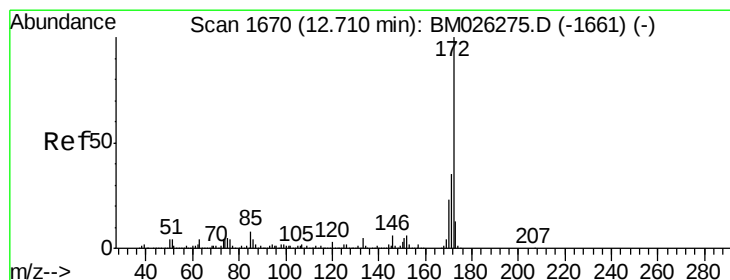
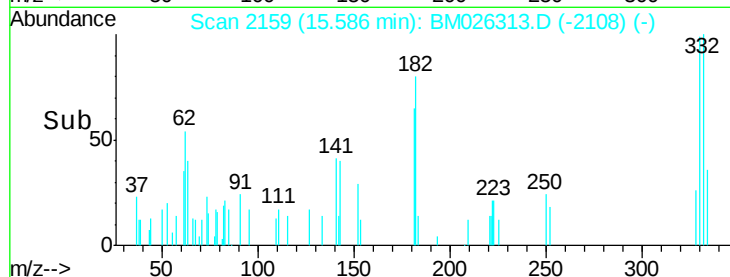
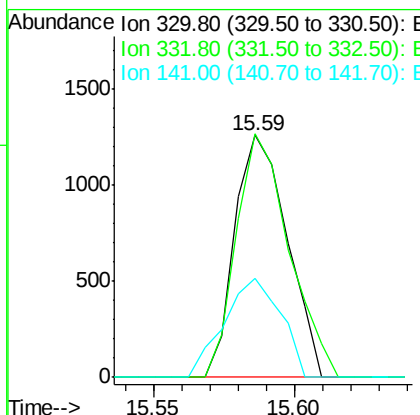
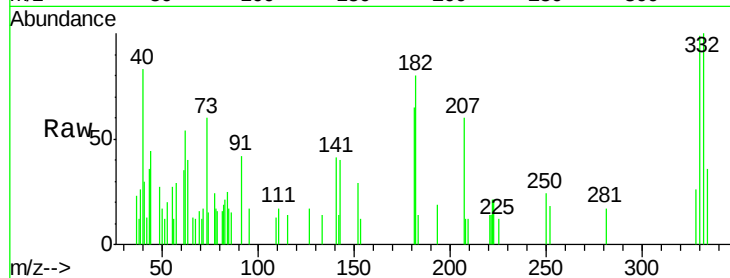




#42
 2,4,6-Tribromophenol
 Concen: 0.323 ng
 RT: 15.59 min Scan# 2159
 Delta R.T. -0.00 min
 Lab File: BM026313.D
 Acq: 09 Jun 2020 22:23

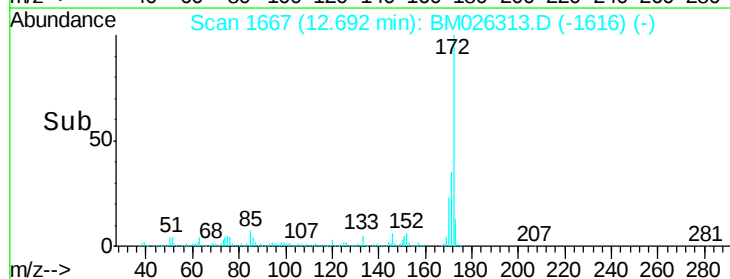
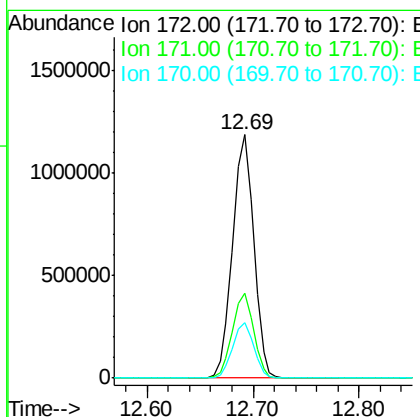
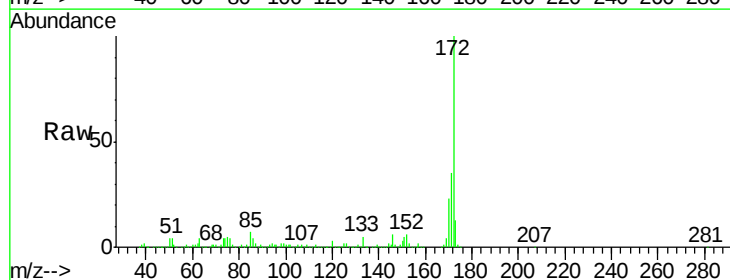
Instrument :
 BNA_M
 ClientSampleId :
 FM-CON-2

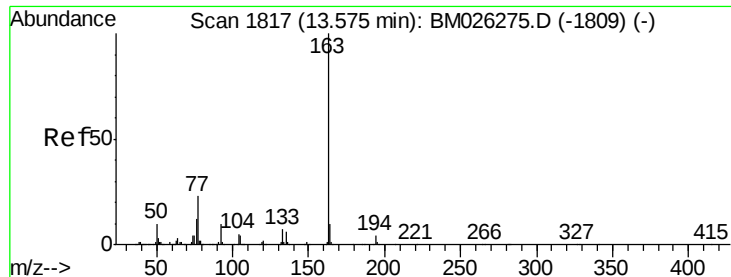
Tot Ion:330 Resp: 1621
 Ion Ratio Lower Upper
 330 100
 332 101.4 78.1 117.1
 141 44.2 30.0 45.0



#45
 2-Fluorobiphenyl
 Concen: 60.297 ng
 RT: 12.69 min Scan# 1667
 Delta R.T. -0.00 min
 Lab File: BM026313.D
 Acq: 09 Jun 2020 22:23

Tgt Ion:172 Resp: 1644521
 Ion Ratio Lower Upper
 172 100
 171 34.9 28.2 42.2
 170 22.7 18.3 27.5





#50

Dimethylphthalate

Concen: 5.270 ng

RT: 13.55 min Scan# 1813

Delta R.T. -0.01 min

Lab File: BM026313.D

Acq: 09 Jun 2020 22:23

Instrument :

BNA_M

ClientSampleId :

FM-CON-2

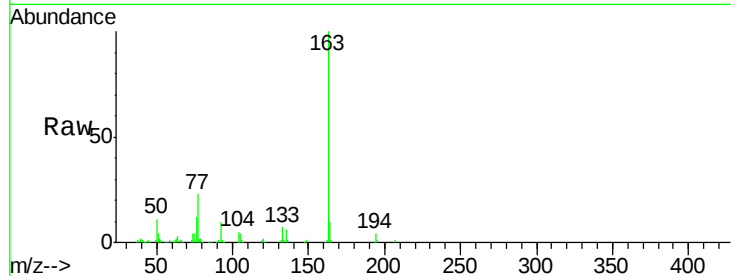
Tot Ion:163 Resp: 159574

Ion Ratio Lower Upper

163 100

194 4.0 3.4 5.2

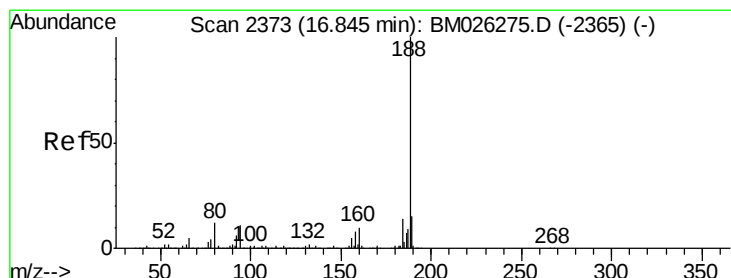
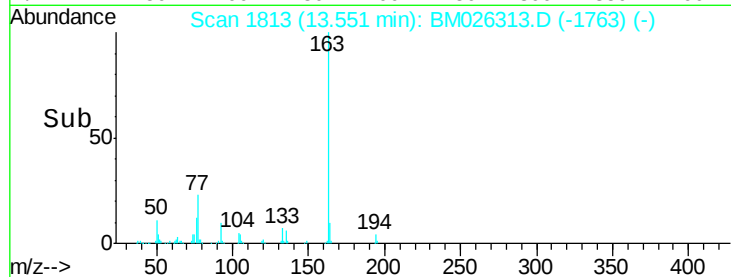
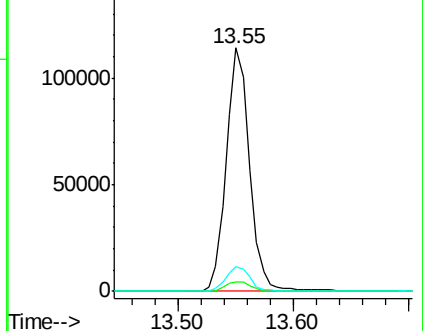
164 10.3 8.0 12.0



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.83 min Scan# 2371

Delta R.T. -0.00 min

Lab File: BM026313.D

Acq: 09 Jun 2020 22:23

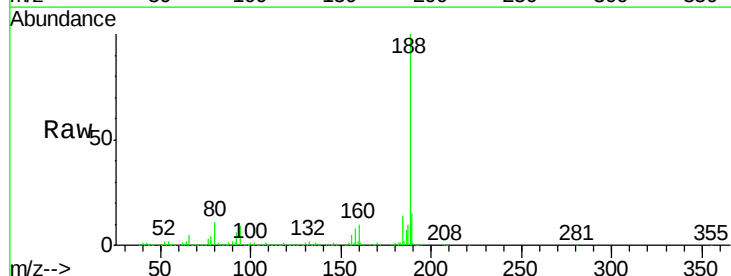
Tgt Ion:188 Resp: 780681

Ion Ratio Lower Upper

188 100

94 9.3 8.6 12.8

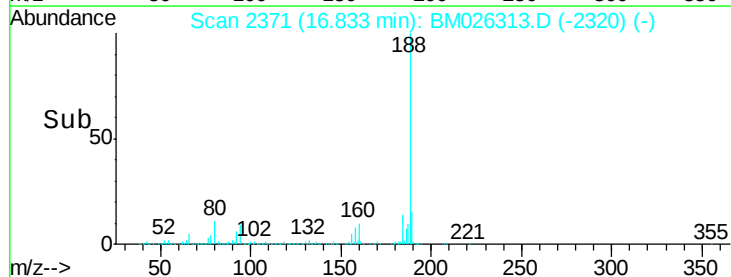
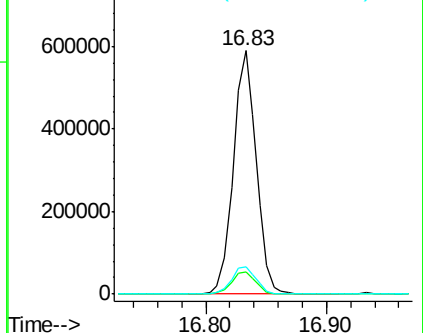
80 11.2 9.7 14.5

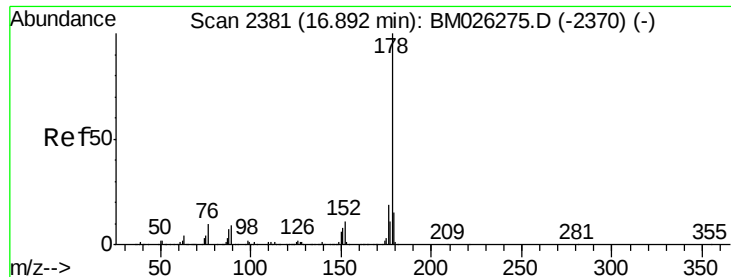


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM

Ion 80.00 (79.70 to 80.70): BM

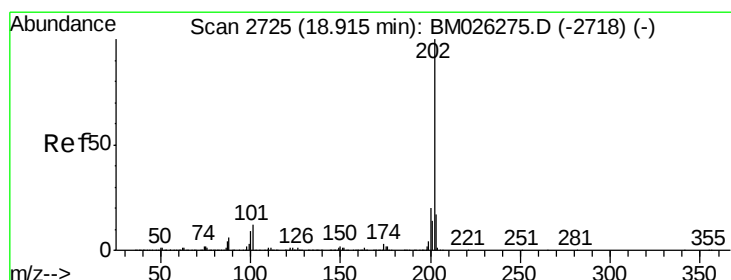
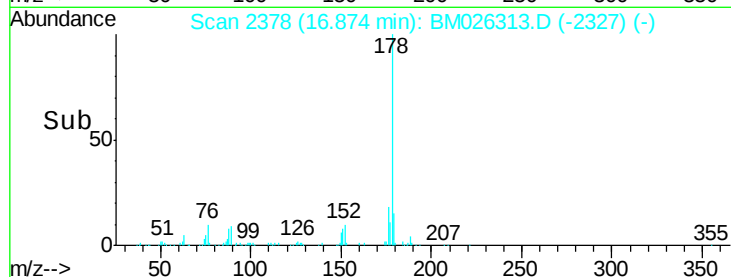
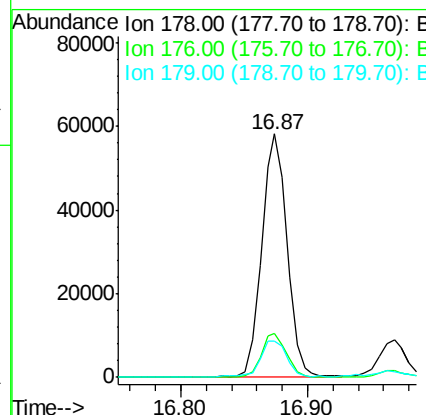
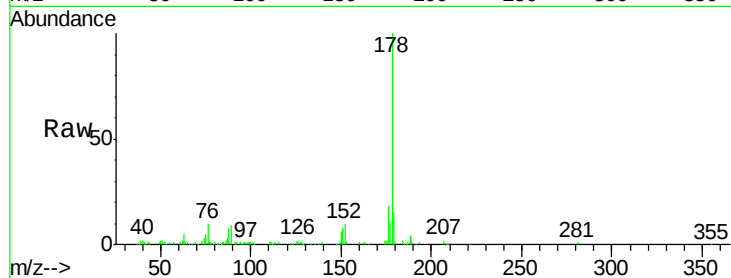




#71
Phenanthrene
Concen: 2.004 ng
RT: 16.87 min Scan# 2378
Delta R.T. -0.00 min
Lab File: BM026313.D
Acq: 09 Jun 2020 22:23

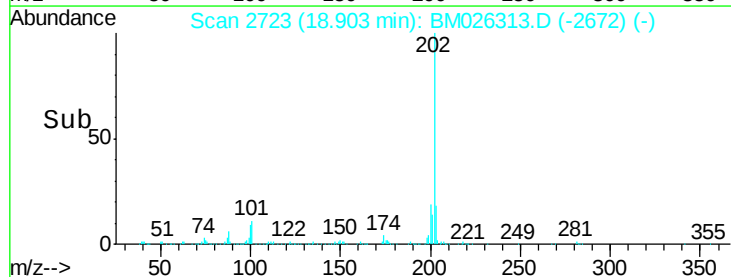
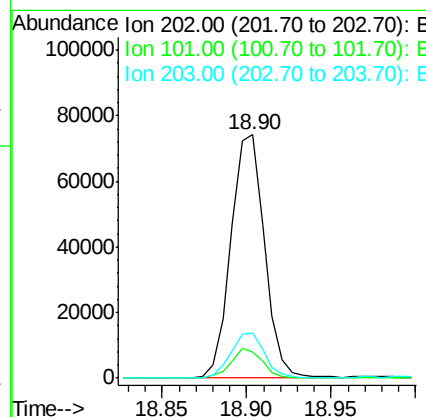
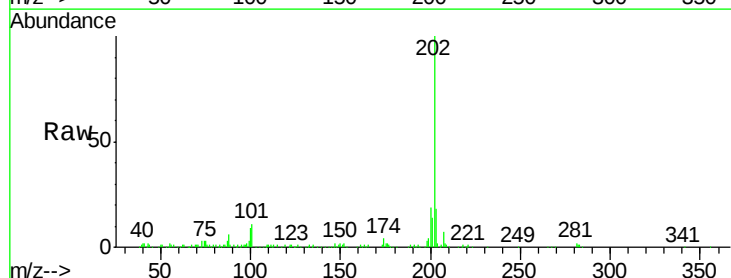
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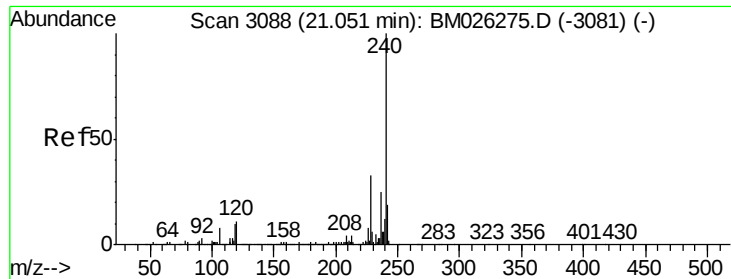
Tot Ion	Ratio	Lower	Upper
178	100		
176	18.2	14.9	22.3
179	14.8	12.0	18.0



#75
Fluoranthene
Concen: 2.207 ng
RT: 18.90 min Scan# 2723
Delta R.T. -0.00 min
Lab File: BM026313.D
Acq: 09 Jun 2020 22:23

Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.9	0.0	31.6
203	18.5	0.0	37.4

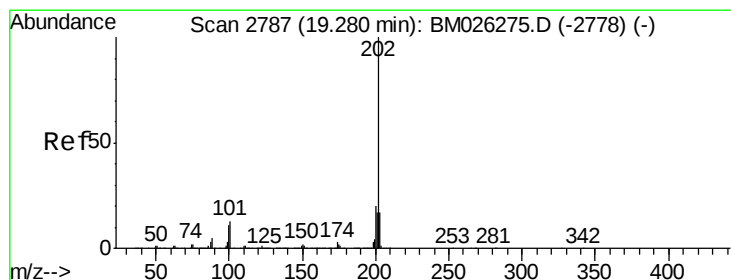
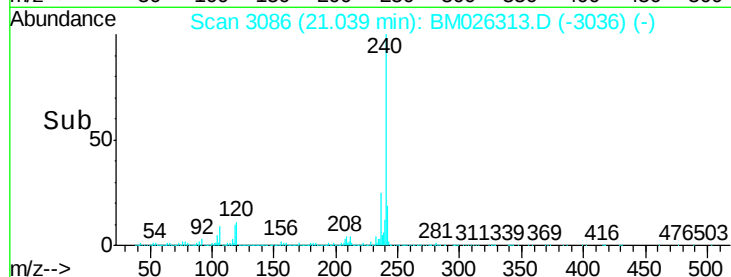
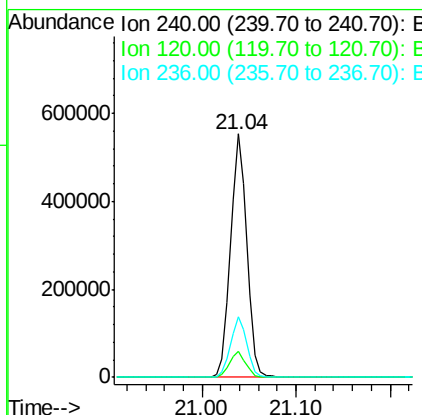
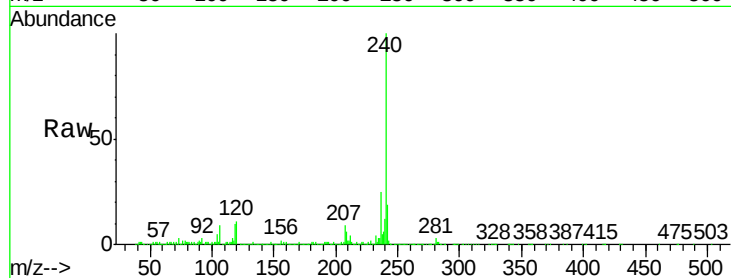




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.04 min Scan# 3086
Delta R.T. -0.01 min
Lab File: BM026313.D
Acq: 09 Jun 2020 22:23

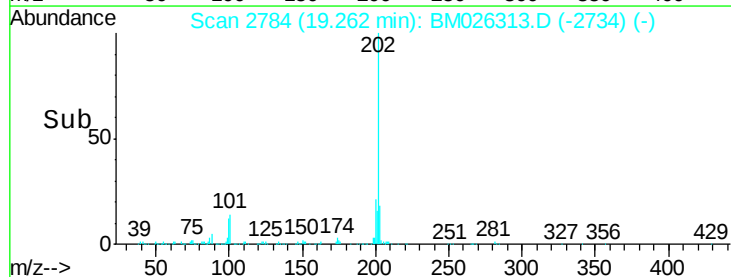
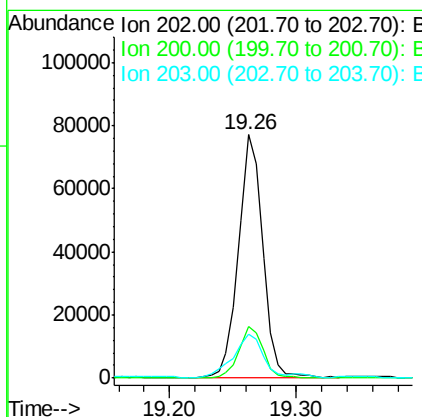
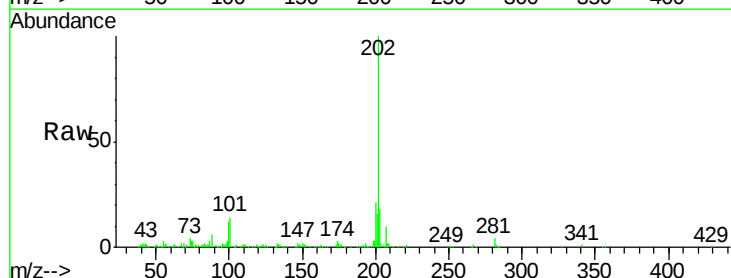
Instrument :
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ClientSampleId :
FM-CON-2

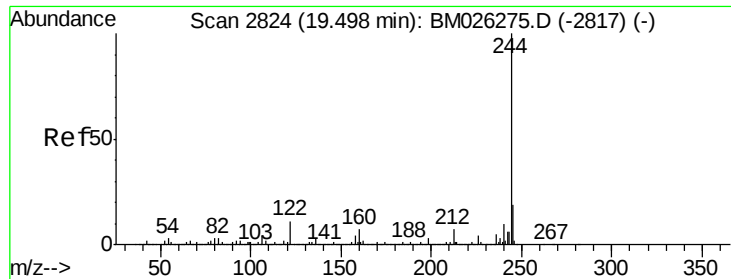
Tot Ion:240 Resp: 668259
Ion Ratio Lower Upper
240 100
120 10.8 8.9 13.3
236 25.1 19.7 29.5



#78
Pyrene
Concen: 2.312 ng
RT: 19.26 min Scan# 2784
Delta R.T. -0.01 min
Lab File: BM026313.D
Acq: 09 Jun 2020 22:23

Tgt Ion:202 Resp: 102063
Ion Ratio Lower Upper
202 100
200 21.0 16.2 24.4
203 18.2 13.8 20.8

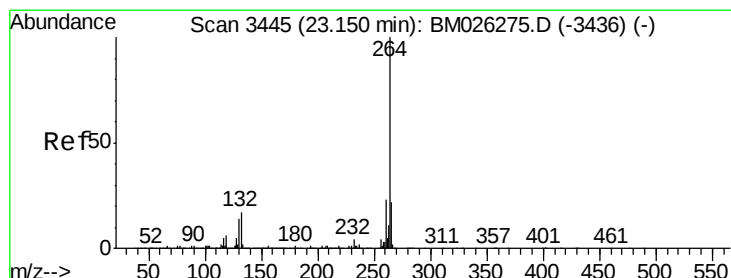
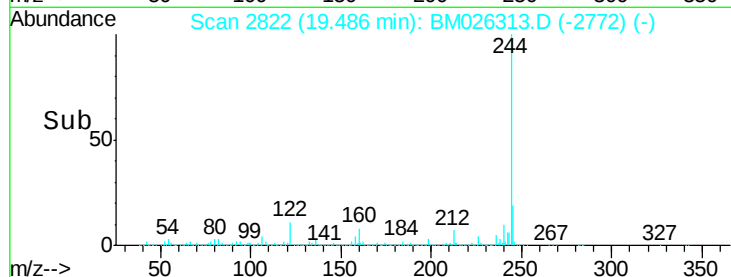
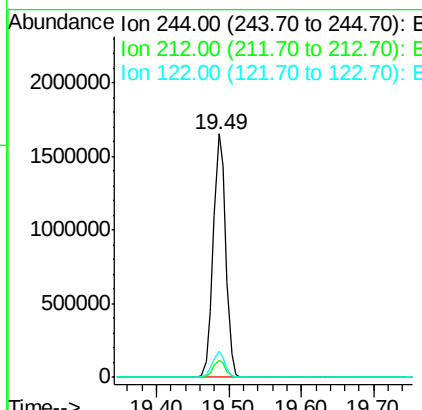
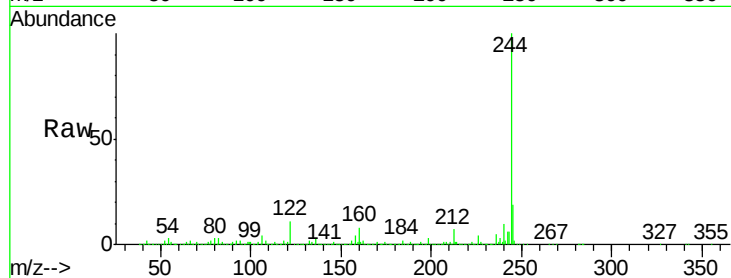




#79
 Terphenyl-d14
 Concen: 57.627 ng
 RT: 19.49 min Scan# 2822
 Delta R.T. -0.01 min
 Lab File: BM026313.D
 Acq: 09 Jun 2020 22:23

Instrument :
 BNA_M
 ClientSampleId :
 FM-CON-2

Tot Ion:244 Resp: 1983844
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.7 8.5
 122 10.8 9.1 13.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.14 min Scan# 3444
 Delta R.T. -0.00 min
 Lab File: BM026313.D
 Acq: 09 Jun 2020 22:23

Tgt Ion:264 Resp: 685054
 Ion Ratio Lower Upper
 264 100
 260 23.1 18.6 28.0
 265 22.5 18.2 27.2

