

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM013020\
 Data File : BM024665.D
 Acq On : 30 Jan 2020 19:09
 Operator : CG/JU
 Sample : L1318-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 RAINEY-PARK-BH-03-A

Quant Time: Jan 30 23:52:50 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

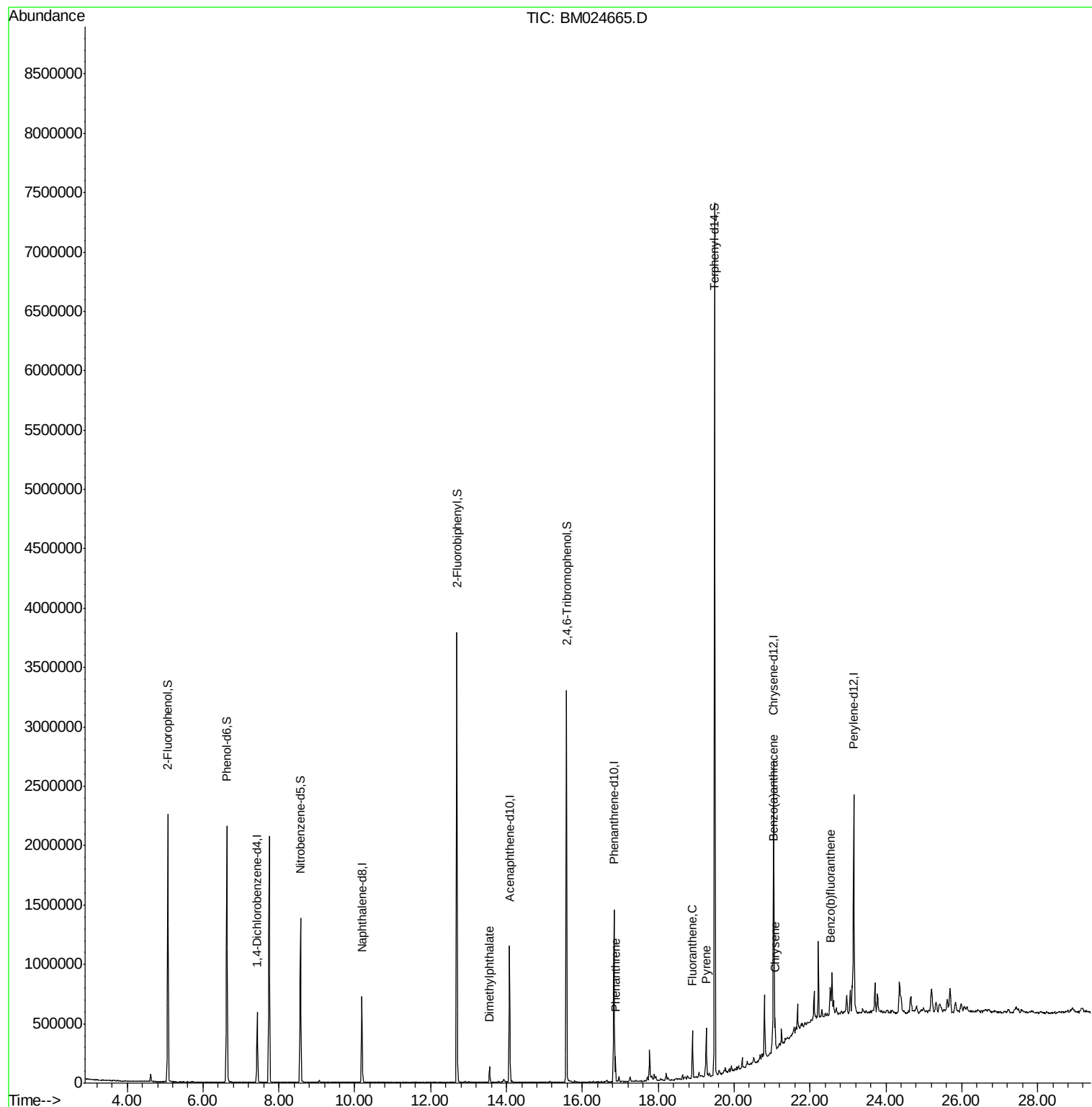
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.43	152	168509	20.00	ng	-0.02
21) Naphthalene-d8	10.19	136	600917	20.00	ng	-0.02
39) Acenaphthene-d10	14.08	164	403638	20.00	ng	-0.01
64) Phenanthrene-d10	16.83	188	907697	20.00	ng	-0.01
76) Chrysene-d12	21.04	240	1116723	20.00	ng	-0.01
87) Perylene-d12	23.15	264	1347554	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.07	112	956707	107.97	ng	-0.01
7) Phenol-d6	6.63	99	1191530	97.62	ng	-0.02
23) Nitrobenzene-d5	8.57	82	783981	63.98	ng	-0.02
42) 2,4,6-Tribromophenol	15.58	330	709670	108.09	ng	-0.01
45) 2-Fluorobiphenyl	12.69	172	2015025	67.87	ng	-0.02
79) Terphenyl-d14	19.49	244	3669272	61.34	ng	-0.01
Target Compounds						
50) Dimethylphthalate	13.55	163	89273	2.735	ng	97
71) Phenanthrene	16.87	178	130426	2.653	ng	100
75) Fluoranthene	18.90	202	256824	4.186	ng	98
78) Pyrene	19.26	202	255538	3.471	ng	99
81) Benzo(a)anthracene	21.03	228	160230	2.067	ng	99
83) Chrysene	21.08	228	151772	2.052	ng	96
88) Benzo(b)fluoranthene	22.53	252	205308	2.349	ng	97

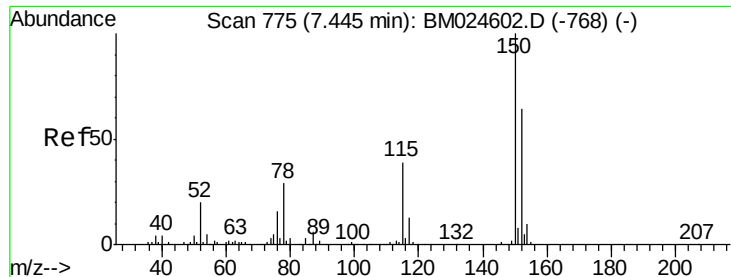
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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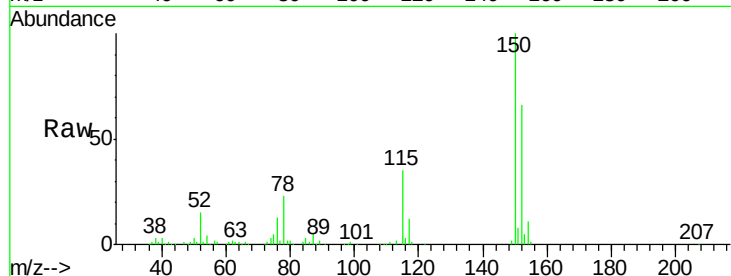


#1

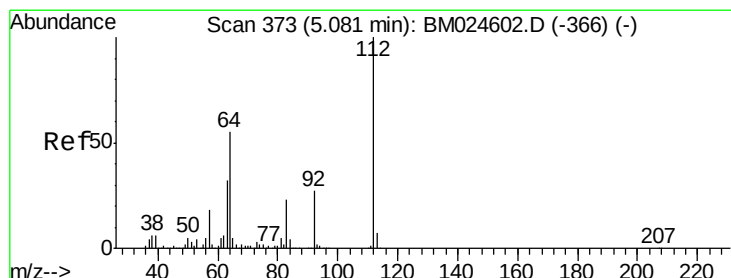
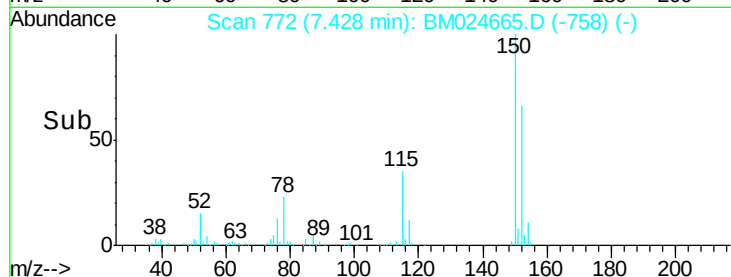
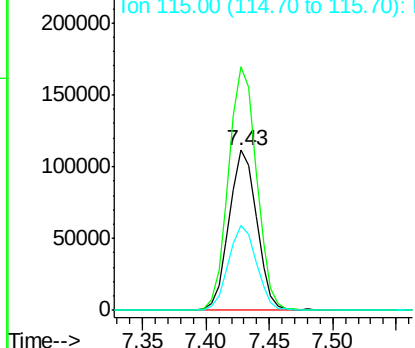
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.43 min Scan# 772
Delta R.T. -0.02 min
Lab File: BM024665.D
Acq: 30 Jan 2020 19:09

Instrument :
BNA_M
ClientSampleId :
RAINEY-PARK-BH-03-A

Tot Ion:152 Resp: 168509
Ion Ratio Lower Upper
152 100
150 151.8 124.2 186.4
115 53.1 48.6 72.8



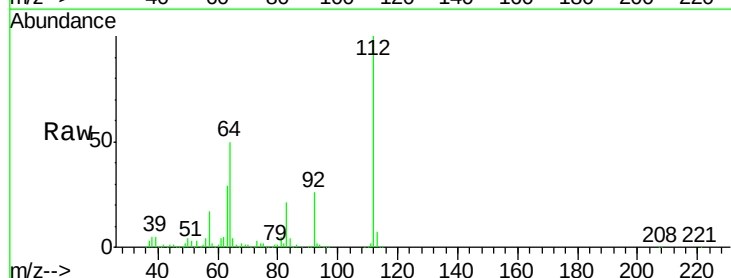
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



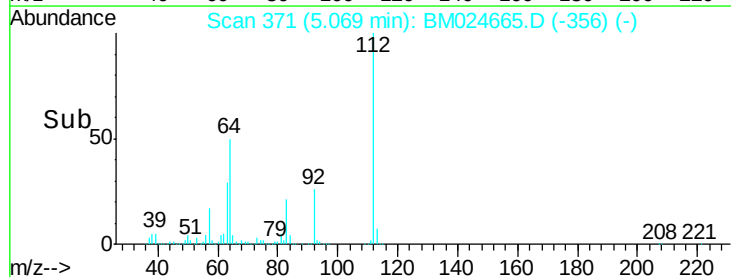
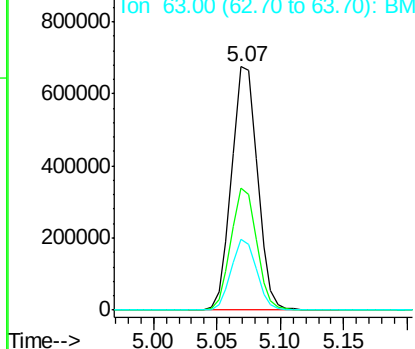
#5

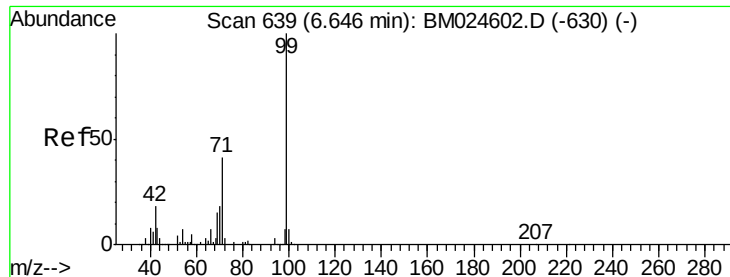
2-Fluorophenol
Concen: 107.972 ng
RT: 5.07 min Scan# 371
Delta R.T. -0.01 min
Lab File: BM024665.D
Acq: 30 Jan 2020 19:09

Tgt Ion:112 Resp: 956707
Ion Ratio Lower Upper
112 100
64 49.9 44.2 66.4
63 29.0 25.9 38.9



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: 97.617 ng

RT: 6.63 min Scan# 636

Delta R.T. -0.02 min

Lab File: BM024665.D

Acq: 30 Jan 2020 19:09

Instrument :

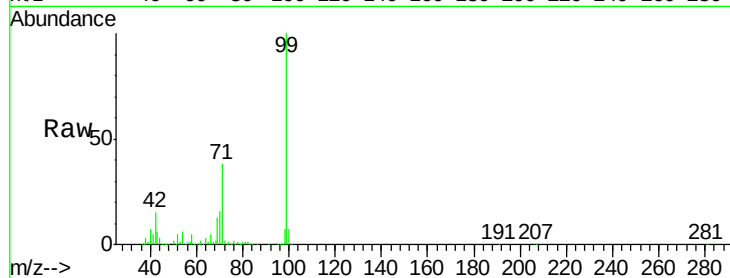
BNA_M

ClientSampleId :

RAINEY-PARK-BH-03-A

Tot Ion: 99 Resp: 1191530

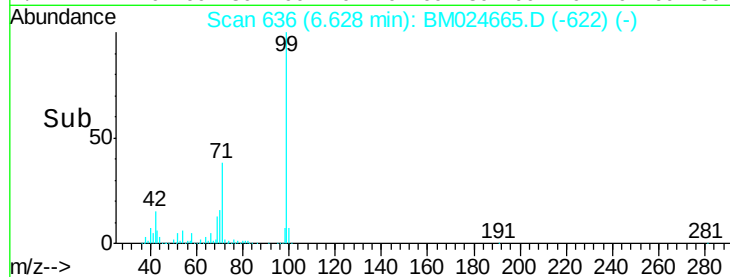
Ion	Ratio	Lower	Upper
99	100		
42	15.2	14.1	21.1
71	37.7	33.0	49.6



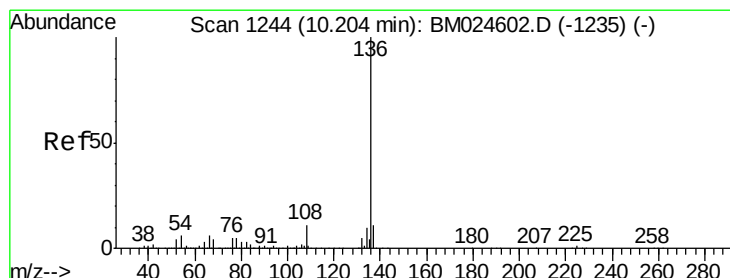
Abundance Ion 99.00 (98.70 to 99.70): BM0

Ion 42.00 (41.70 to 42.70): BM0

Ion 71.00 (70.70 to 71.70): BM0



Time-->



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.19 min Scan# 1241

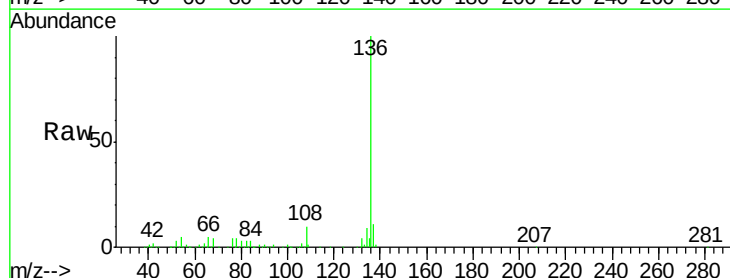
Delta R.T. -0.02 min

Lab File: BM024665.D

Acq: 30 Jan 2020 19:09

Tgt Ion: 136 Resp: 600917

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.6	13.0
54	4.7	4.5	6.7
68	3.9	3.4	5.0

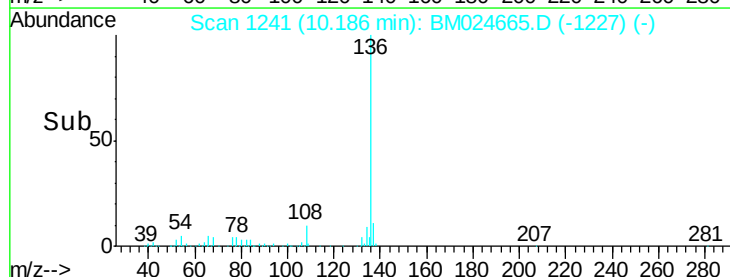


Abundance Ion 136.00 (135.70 to 136.70): E

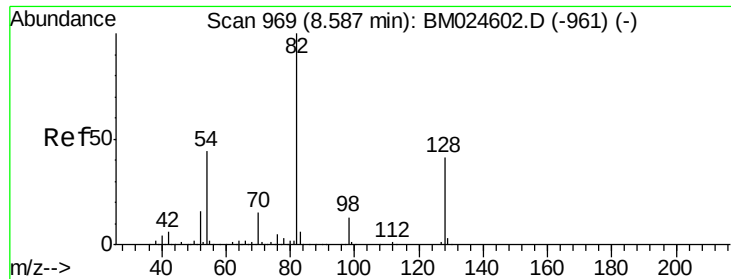
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BM0

Ion 68.00 (67.70 to 68.70): BM0



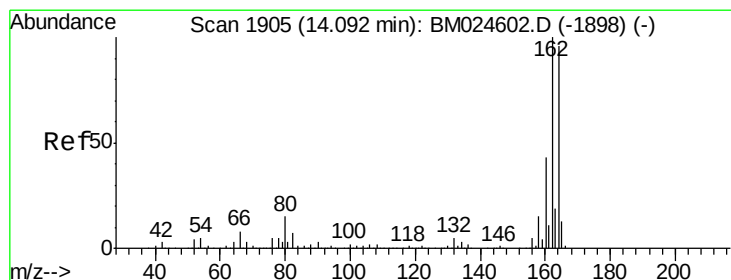
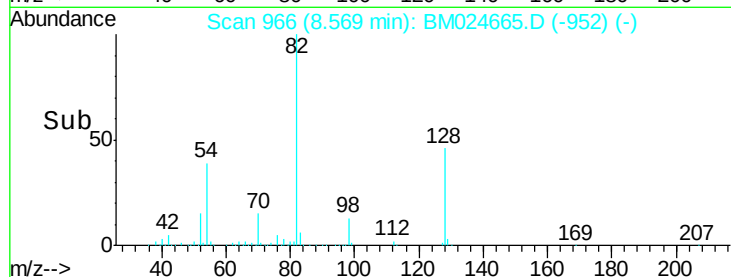
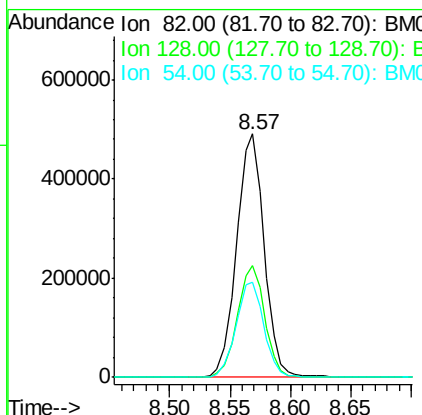
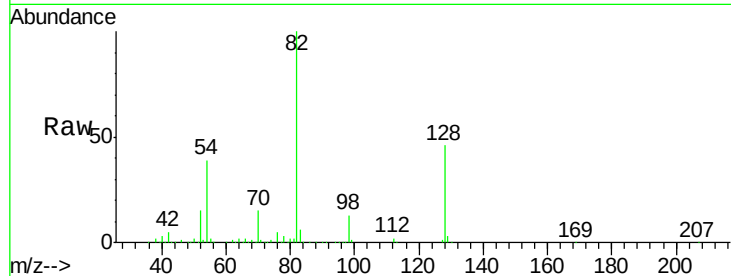
Time-->



#23
 Nitrobenzene-d5
 Concen: 63.982 ng
 RT: 8.57 min Scan# 966
 Delta R.T. -0.02 min
 Lab File: BM024665.D
 Acq: 30 Jan 2020 19:09

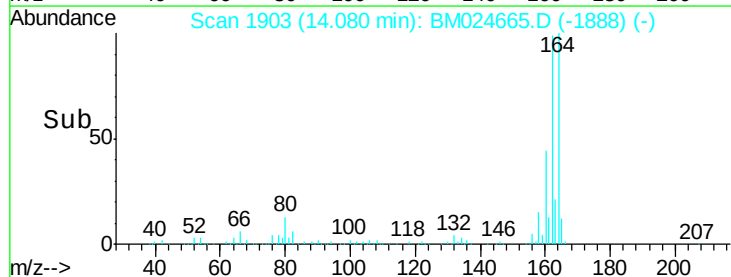
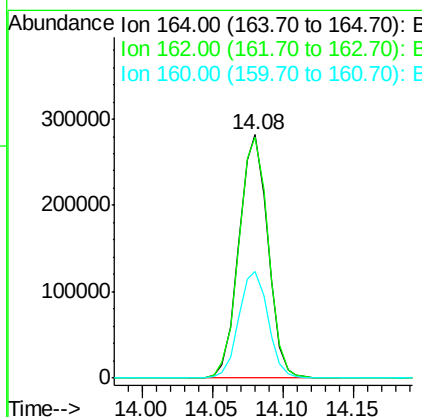
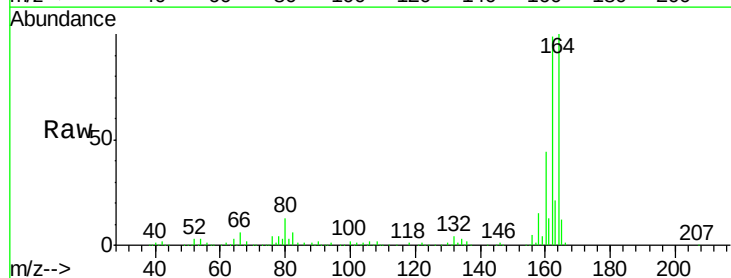
Instrument :
 BNA_M
 ClientSampleId :
 RAINEY-PARK-BH-03-A

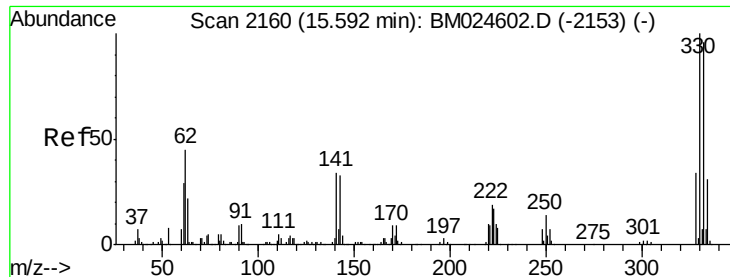
Tot Ion	82	Resp	783981
Ion Ratio	Lower	Upper	
82	100		
128	45.9	32.6	48.8
54	39.3	34.8	52.2



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.08 min Scan# 1903
 Delta R.T. -0.01 min
 Lab File: BM024665.D
 Acq: 30 Jan 2020 19:09

Tgt Ion	164	Resp	403638
Ion Ratio	Lower	Upper	
164	100		
162	99.2	82.9	124.3
160	43.7	35.5	53.3

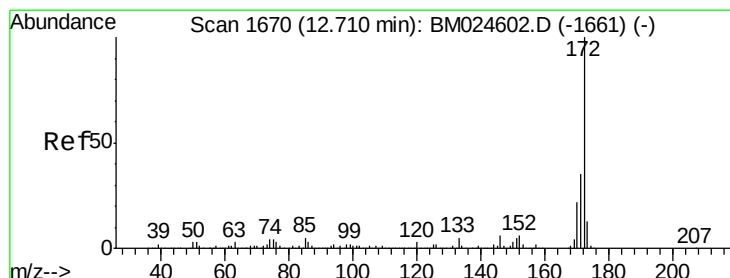
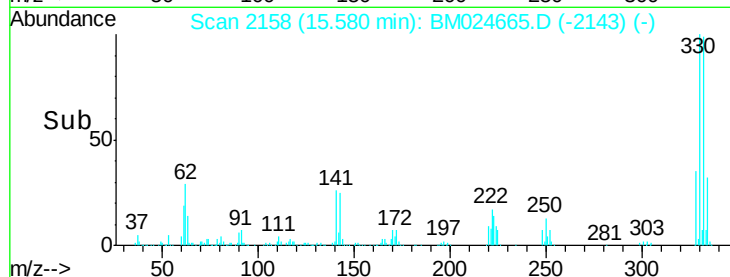
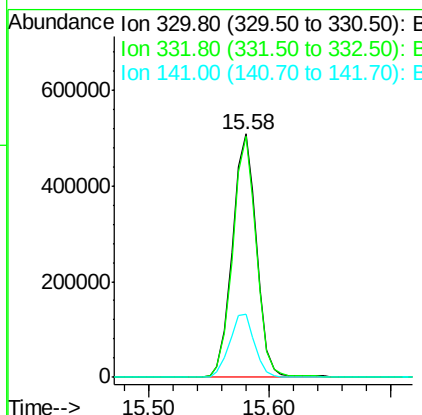
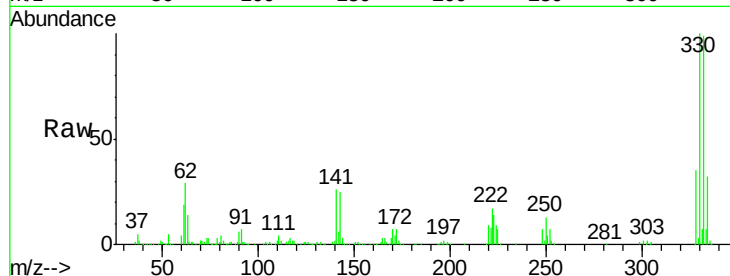




#42
 2,4,6-Tribromophenol
 Concen: 108.086 ng
 RT: 15.58 min Scan# 2158
 Delta R.T. -0.01 min
 Lab File: BM024665.D
 Acq: 30 Jan 2020 19:09

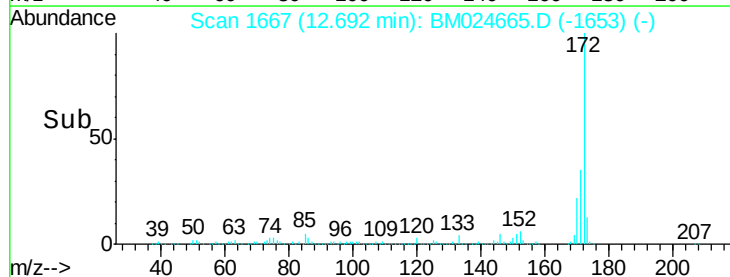
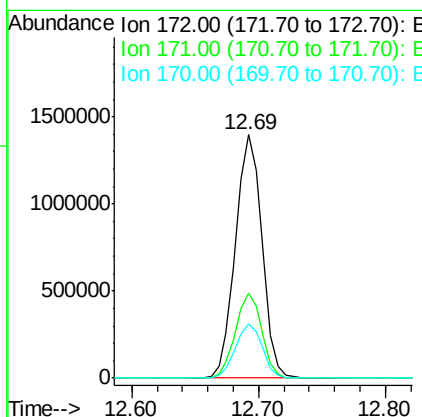
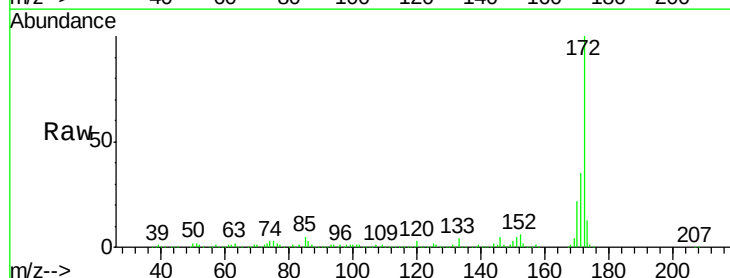
Instrument :
 BNA_M
 ClientSampleId :
 RAINEY-PARK-BH-03-A

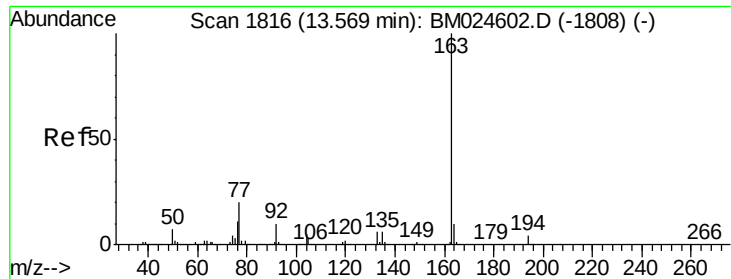
Tot Ion:330 Resp: 709670
 Ion Ratio Lower Upper
 330 100
 332 96.5 77.2 115.8
 141 26.9 26.9 40.3#



#45
 2-Fluorobiphenyl
 Concen: 67.869 ng
 RT: 12.69 min Scan# 1667
 Delta R.T. -0.02 min
 Lab File: BM024665.D
 Acq: 30 Jan 2020 19:09

Tgt Ion:172 Resp: 2015025
 Ion Ratio Lower Upper
 172 100
 171 34.8 28.3 42.5
 170 22.2 17.9 26.9





#50

Dimethylphthalate

Concen: 2.735 ng

RT: 13.55 min Scan# 1813

Delta R.T. -0.02 min

Lab File: BM024665.D

Acq: 30 Jan 2020 19:09

Instrument :

BNA_M

ClientSampleId :

RAINEY-PARK-BH-03-A

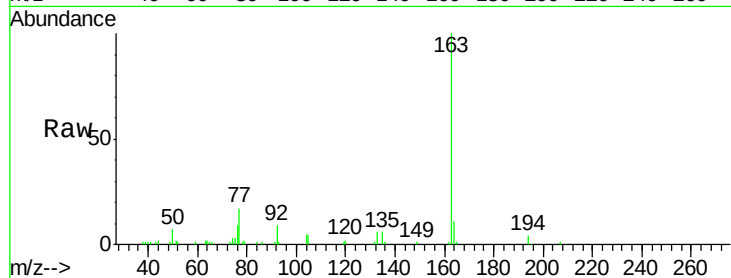
Tot Ion:163 Resp: 89273

Ion Ratio Lower Upper

163 100

194 3.6 3.4 5.0

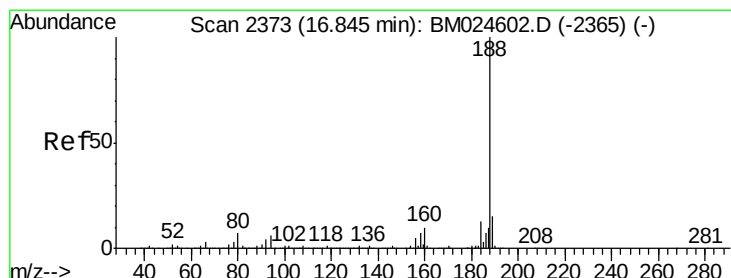
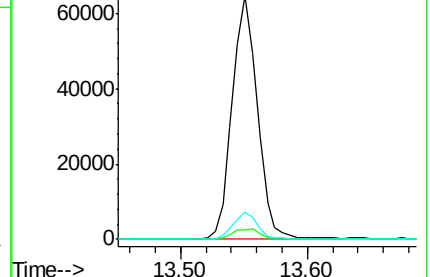
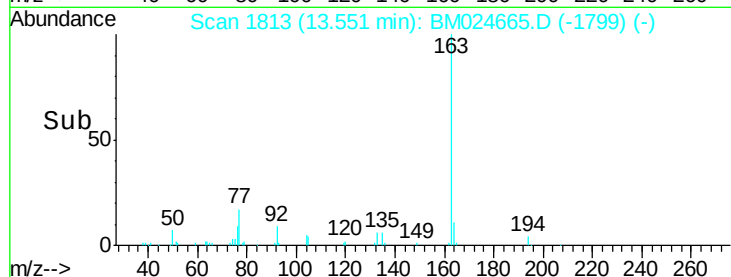
164 11.3 8.0 12.0



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. -0.01 min

Lab File: BM024665.D

Acq: 30 Jan 2020 19:09

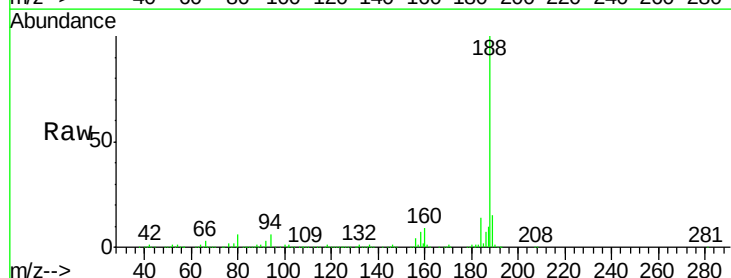
Tgt Ion:188 Resp: 907697

Ion Ratio Lower Upper

188 100

94 5.9 5.0 7.6

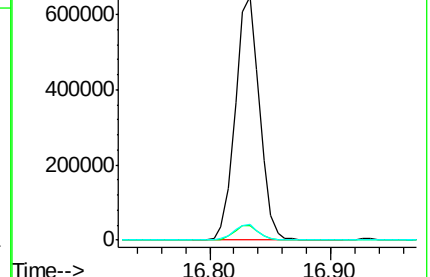
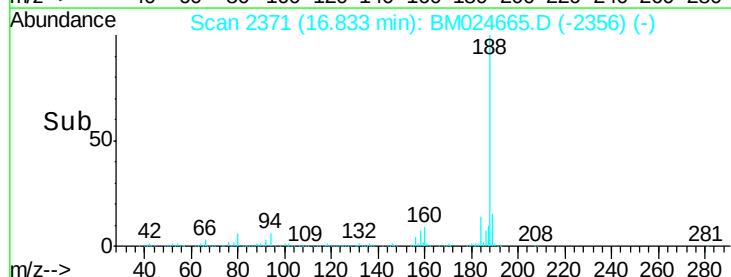
80 6.5 5.8 8.8

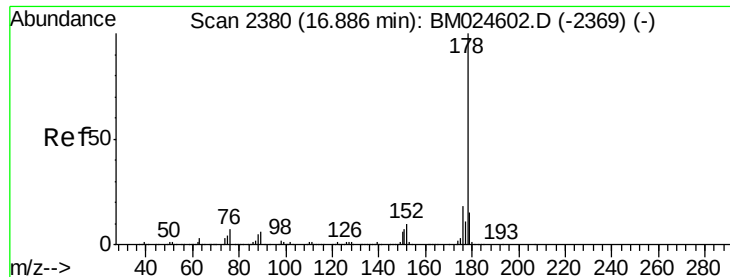


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0





#71

Phenanthrene

Concen: 2.653 ng

RT: 16.87 min Scan# 2378

Delta R.T. -0.01 min

Lab File: BM024665.D

Acq: 30 Jan 2020 19:09

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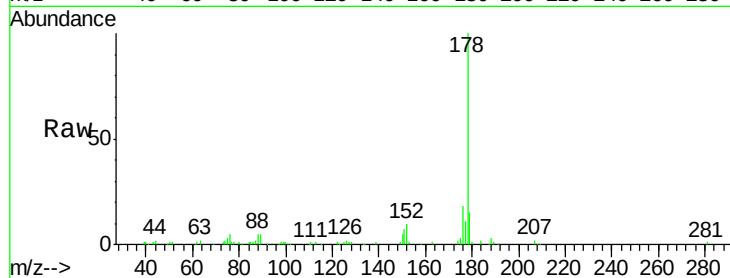
Tot Ion:178 Resp: 130426

Ion Ratio Lower Upper

178 100

176 18.0 14.5 21.7

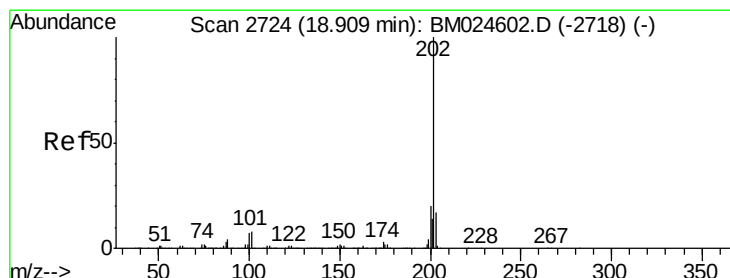
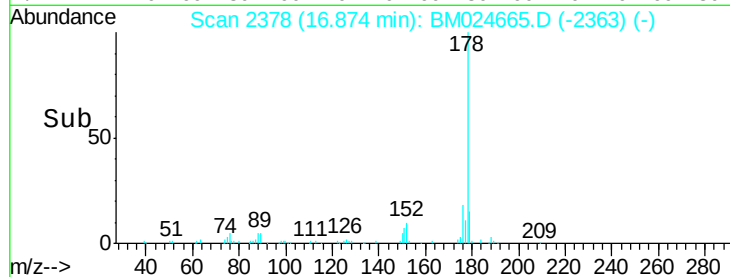
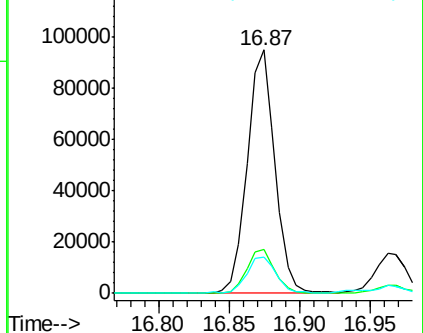
179 15.0 11.9 17.9



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: 4.186 ng

RT: 18.90 min Scan# 2722

Delta R.T. -0.01 min

Lab File: BM024665.D

Acq: 30 Jan 2020 19:09

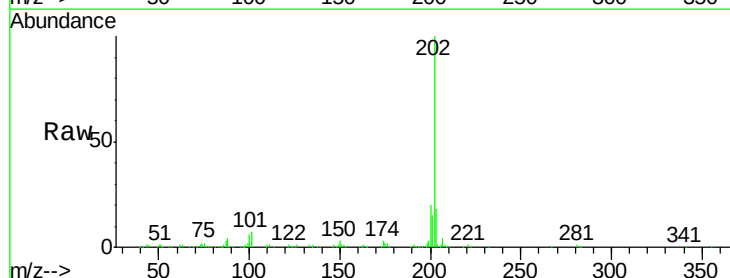
Tgt Ion:202 Resp: 256824

Ion Ratio Lower Upper

202 100

101 7.2 0.0 28.4

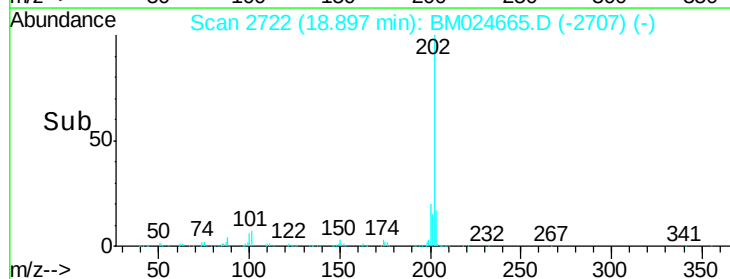
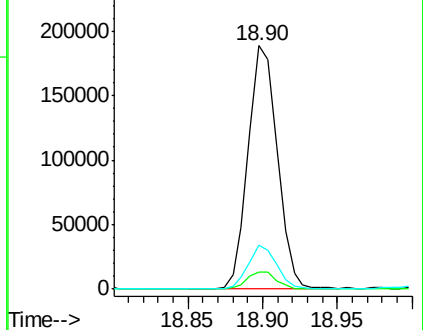
203 17.8 0.0 37.5

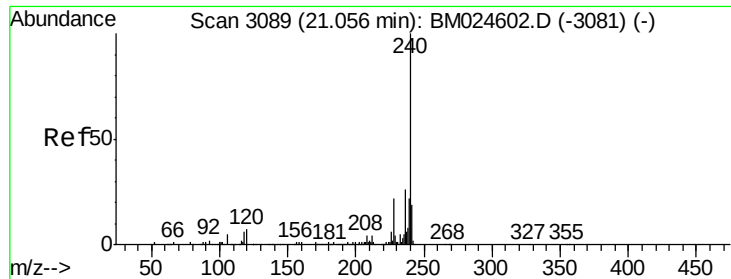


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.04 min Scan# 3087

Delta R.T. -0.01 min

Lab File: BM024665.D

Acq: 30 Jan 2020 19:09

Instrument :

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RAINEY-PARK-BH-03-A

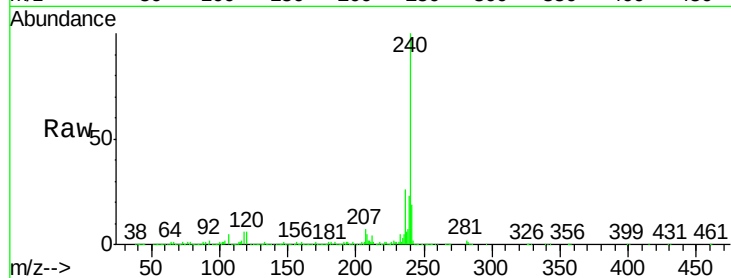
Tot Ion:240 Resp: 1116723

Ion Ratio Lower Upper

240 100

120 6.2 5.3 7.9

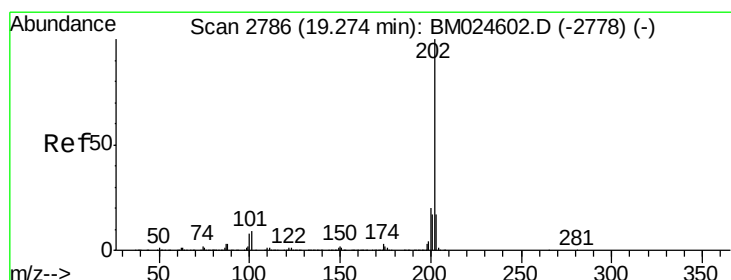
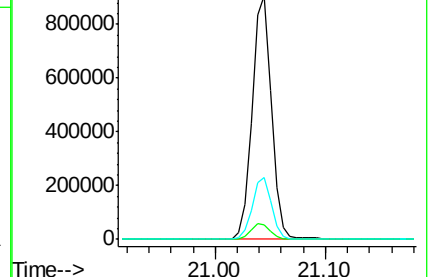
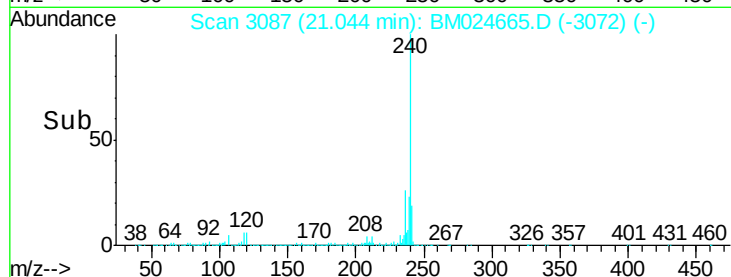
236 25.5 20.6 31.0



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#78

Pyrene

Concen: 3.471 ng

RT: 19.26 min Scan# 2784

Delta R.T. -0.01 min

Lab File: BM024665.D

Acq: 30 Jan 2020 19:09

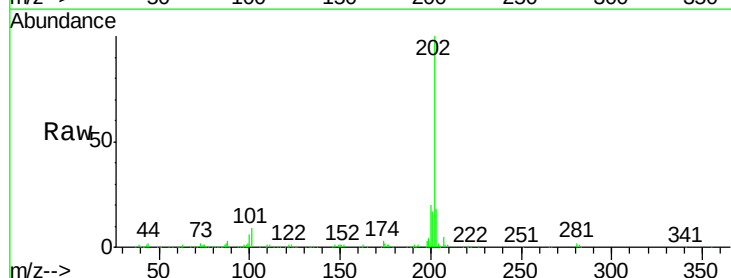
Tgt Ion:202 Resp: 255538

Ion Ratio Lower Upper

202 100

200 19.8 16.2 24.2

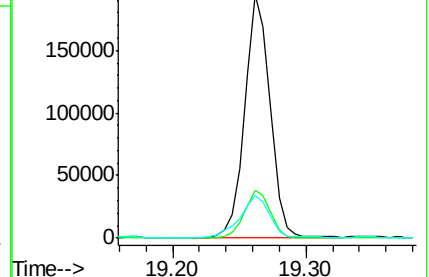
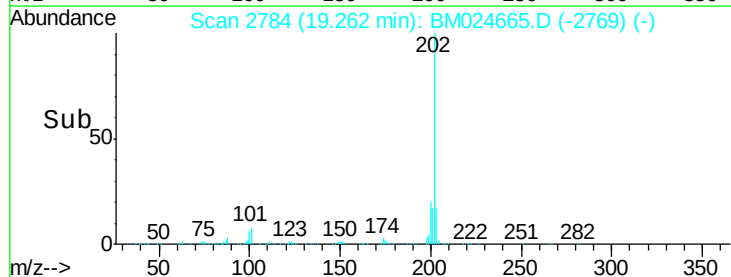
203 17.5 14.0 21.0

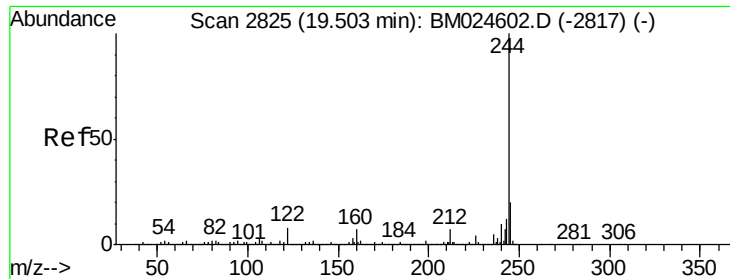


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 61.342 ng

RT: 19.49 min Scan# 2823

Delta R.T. -0.01 min

Lab File: BM024665.D

Acq: 30 Jan 2020 19:09

Instrument :

BNA_M

ClientSampleId :

RAINEY-PARK-BH-03-A

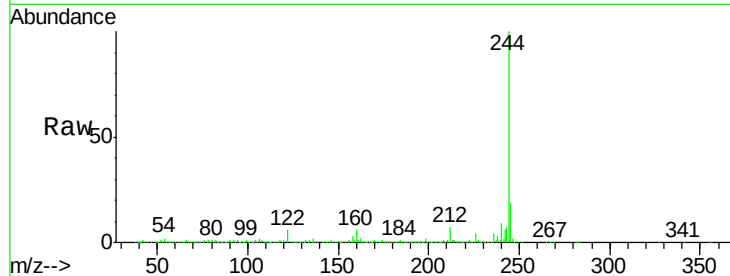
Tot Ion:244 Resp: 3669272

Ion Ratio Lower Upper

244 100

212 6.5 5.4 8.2

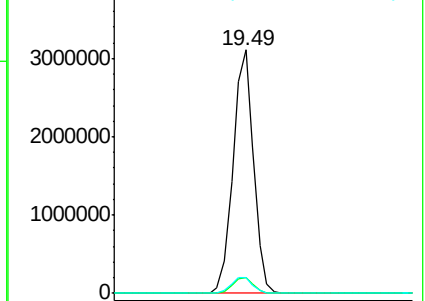
122 6.4 6.2 9.4



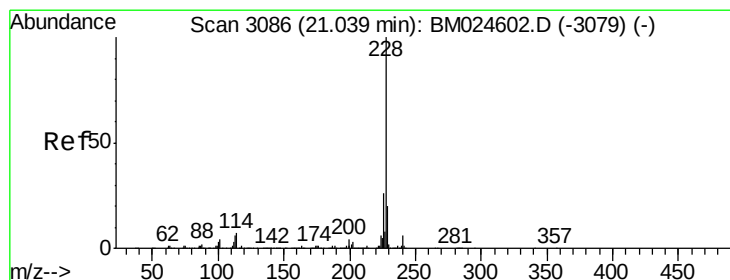
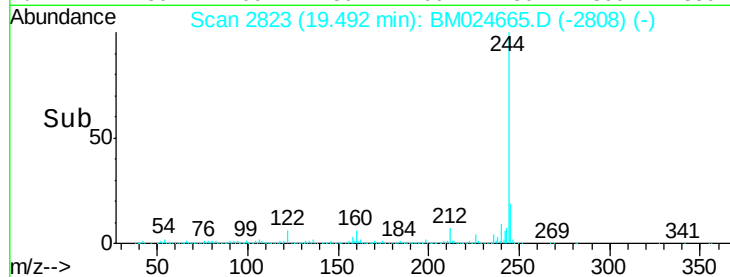
Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



Time-->



#81

Benzo(a)anthracene

Concen: 2.067 ng

RT: 21.03 min Scan# 3084

Delta R.T. -0.01 min

Lab File: BM024665.D

Acq: 30 Jan 2020 19:09

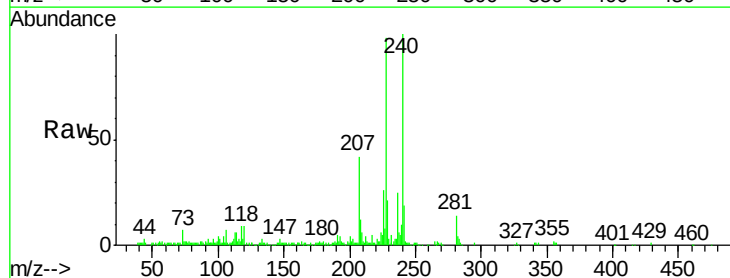
Tgt Ion:228 Resp: 160230

Ion Ratio Lower Upper

228 100

226 26.2 21.1 31.7

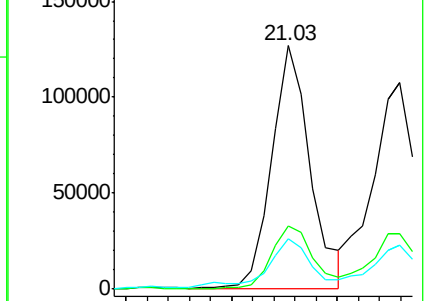
229 20.9 15.8 23.6



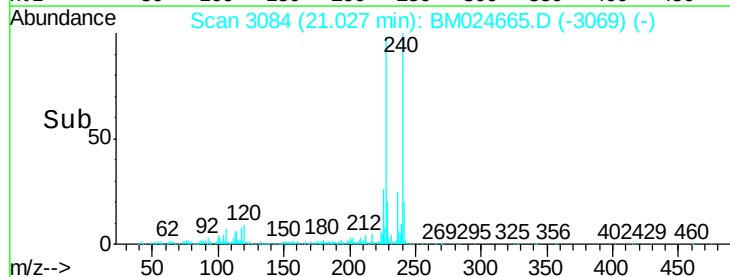
Abundance Ion 228.00 (227.70 to 228.70): E

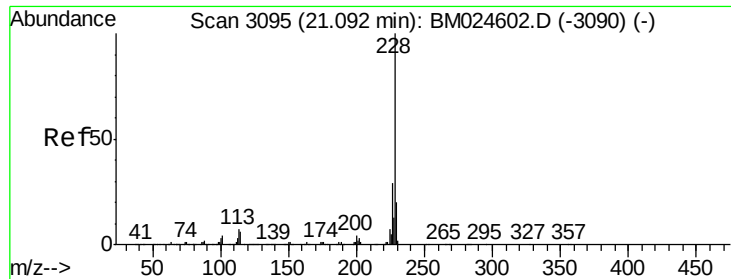
Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



Time-->





#83

Chrysene

Concen: 2.052 ng

RT: 21.08 min Scan# 3093

Delta R.T. -0.01 min

Lab File: BM024665.D

Acq: 30 Jan 2020 19:09

Instrument :

BNA_M

ClientSampleId :

RAINEY-PARK-BH-03-A

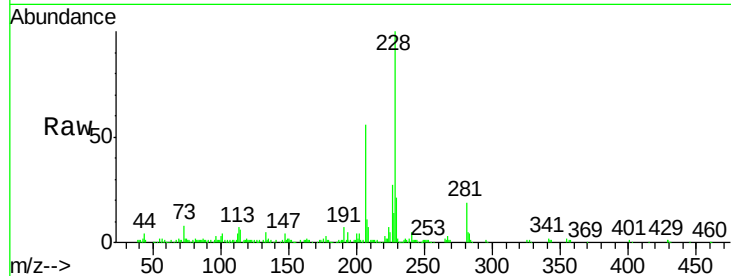
Tot Ion:228 Resp: 151772

Ion Ratio Lower Upper

228 100

226 27.0 23.2 34.8

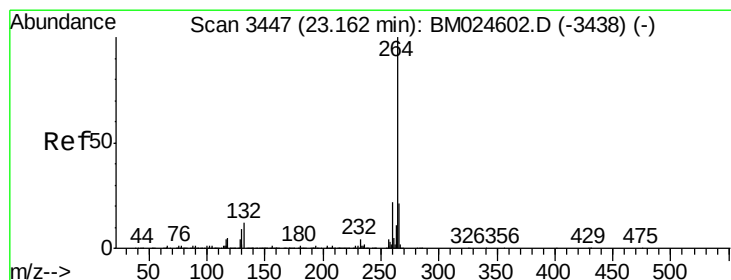
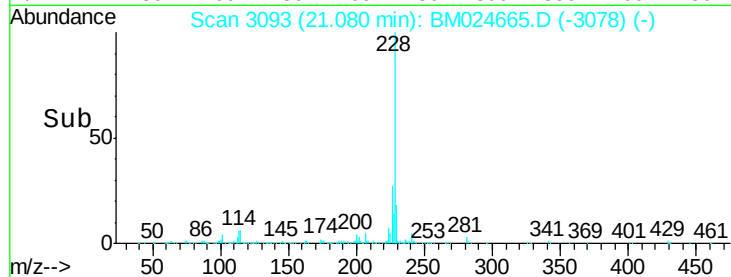
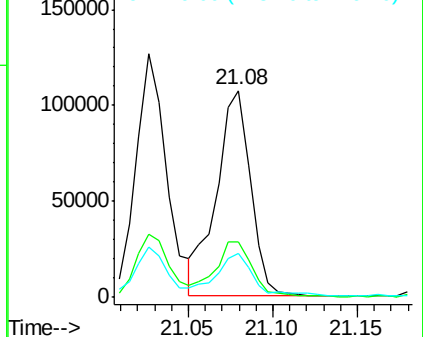
229 21.1 15.7 23.5



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#87

Perylene-d12

Concen: 20.000 ng

RT: 23.15 min Scan# 3445

Delta R.T. -0.01 min

Lab File: BM024665.D

Acq: 30 Jan 2020 19:09

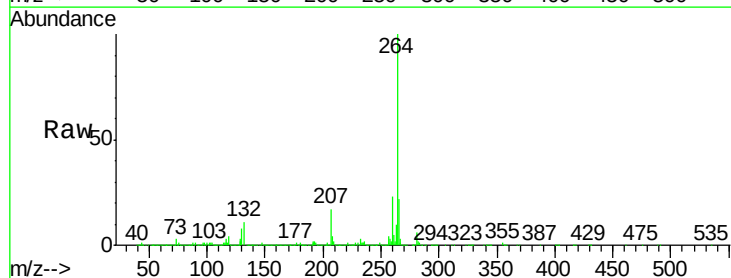
Tgt Ion:264 Resp: 1347554

Ion Ratio Lower Upper

264 100

260 23.4 17.9 26.9

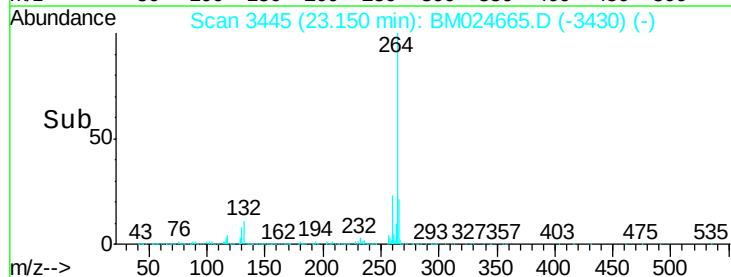
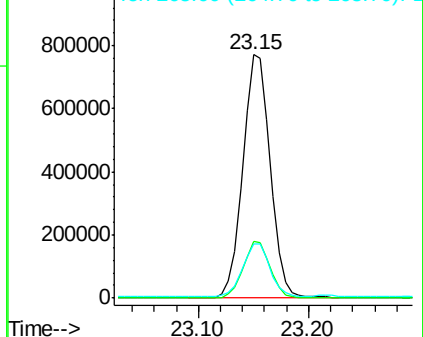
265 22.1 17.3 25.9

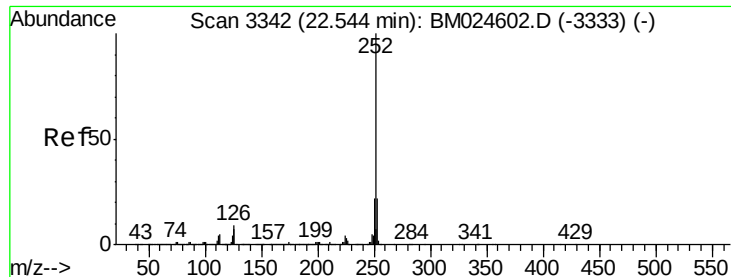


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#88

Benzo(b)fluoranthene

Concen: 2.349 ng

RT: 22.53 min Scan# 3340

Delta R.T. -0.01 min

Lab File: BM024665.D

Acq: 30 Jan 2020 19:09

Instrument :

BNA_M

ClientSampleId :

RAINEY-PARK-BH-03-A

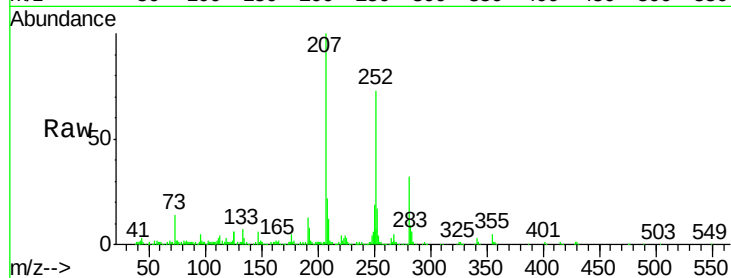
Tot Ion:252 Resp: 205308

Ion Ratio Lower Upper

252 100

253 23.4 17.6 26.4

125 8.2 5.7 8.5



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

