

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM013020\
 Data File : BM024667.D
 Acq On : 30 Jan 2020 20:20
 Operator : CG/JU
 Sample : L1318-03
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

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

Quant Time: Jan 30 23:24:30 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

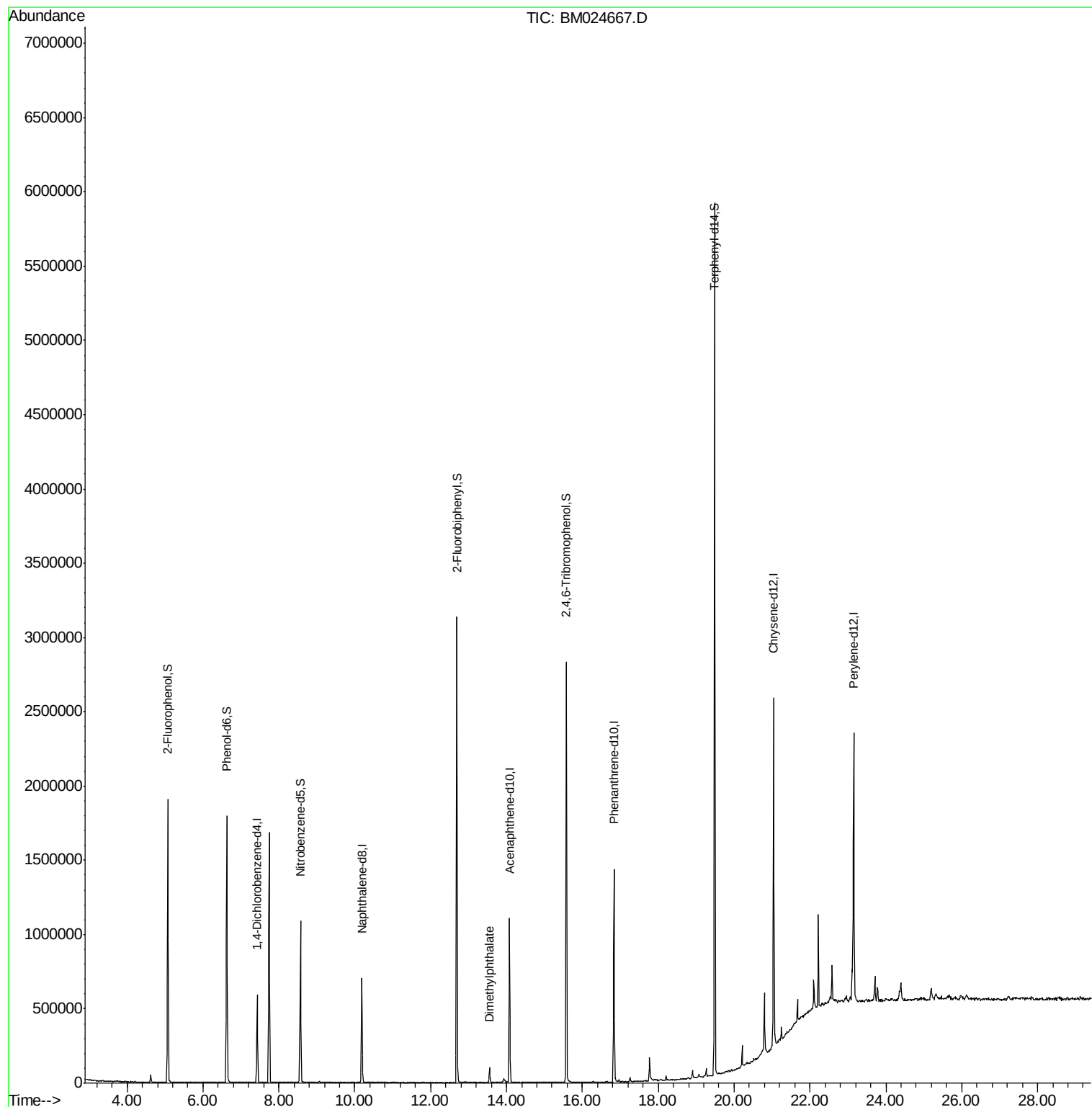
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.43	152	162290	20.00	ng	-0.02
21) Naphthalene-d8	10.19	136	585106	20.00	ng	-0.02
39) Acenaphthene-d10	14.08	164	388343	20.00	ng	-0.01
64) Phenanthrene-d10	16.83	188	906065	20.00	ng	-0.01
76) Chrysene-d12	21.04	240	1089265	20.00	ng	-0.02
87) Perylene-d12	23.15	264	1307355	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.07	112	785874	92.09	ng	-0.01
7) Phenol-d6	6.63	99	982370	83.57	ng	-0.02
23) Nitrobenzene-d5	8.56	82	634627	53.19	ng	-0.02
42) 2,4,6-Tribromophenol	15.58	330	594645	94.13	ng	-0.01
45) 2-Fluorobiphenyl	12.69	172	1631723	57.12	ng	-0.02
79) Terphenyl-d14	19.49	244	3123099	53.53	ng	-0.01
Target Compounds						
50) Dimethylphthalate	13.55	163	73962	2.355	ng	Qvalue # 99

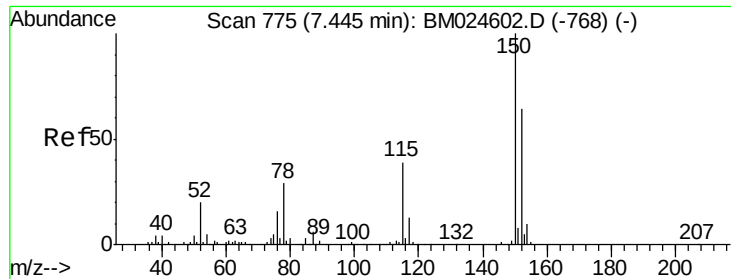
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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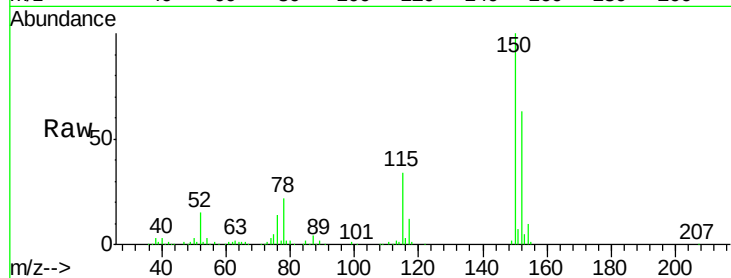


#1

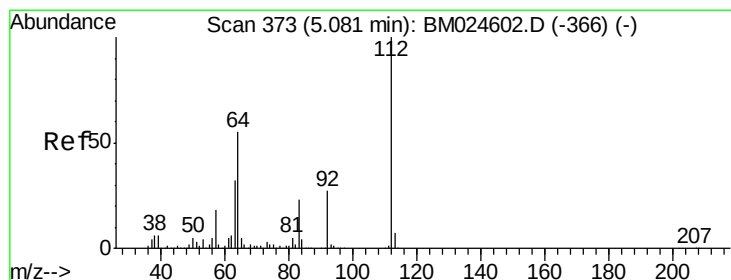
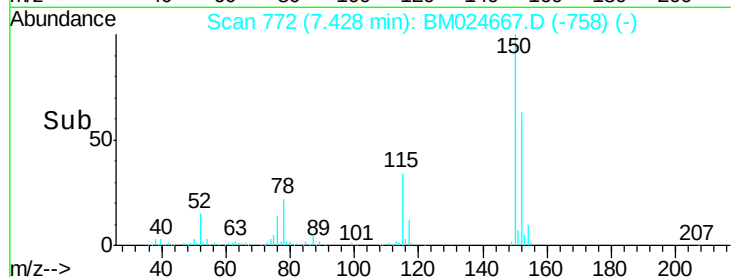
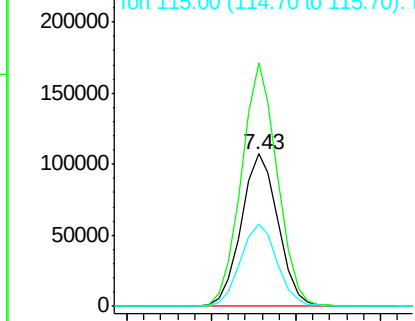
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.43 min Scan# 772
Delta R.T. -0.02 min
Lab File: BM024667.D
Acq: 30 Jan 2020 20:20

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

Tot Ion:152 Resp: 162290
Ion Ratio Lower Upper
152 100
150 159.9 124.2 186.4
115 53.7 48.6 72.8



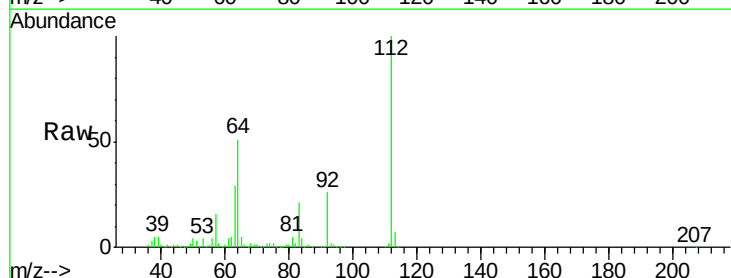
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



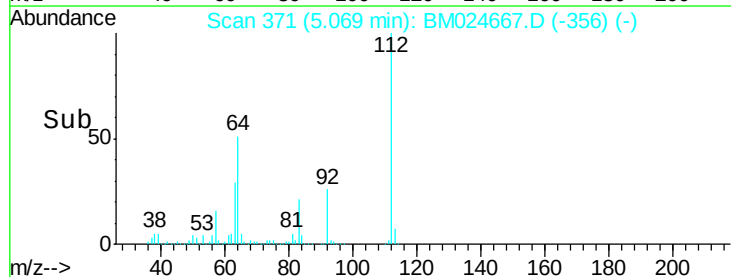
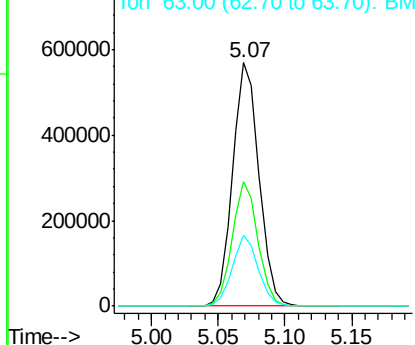
#5

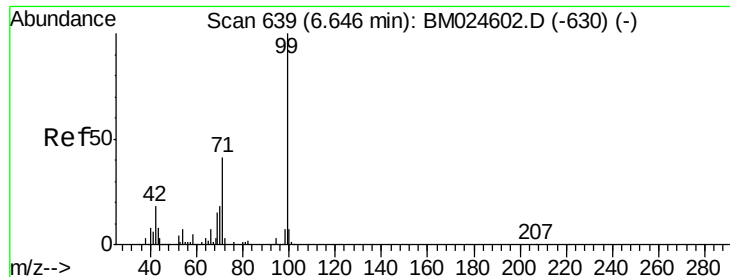
2-Fluorophenol
Concen: 92.091 ng
RT: 5.07 min Scan# 371
Delta R.T. -0.01 min
Lab File: BM024667.D
Acq: 30 Jan 2020 20:20

Tgt Ion:112 Resp: 785874
Ion Ratio Lower Upper
112 100
64 51.2 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: 83.565 ng

RT: 6.63 min Scan# 636

Delta R.T. -0.02 min

Lab File: BM024667.D

Acq: 30 Jan 2020 20:20

Instrument :

BNA_M

ClientSampleId :

RAINEY-PARK-BH-03-C

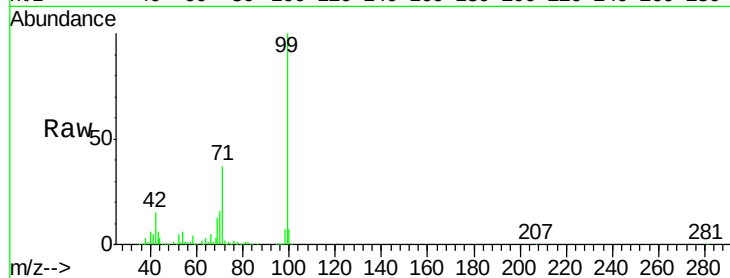
Tot Ion: 99 Resp: 982370

Ion Ratio Lower Upper

99 100

42 14.6 14.1 21.1

71 37.4 33.0 49.6



Abundance Ion 99.00 (98.70 to 99.70): BM024667.D (-622) (-)

Ion 42.00 (41.70 to 42.70): BM024667.D (-622) (-)

Ion 71.00 (70.70 to 71.70): BM024667.D (-622) (-)

6.63

800000

600000

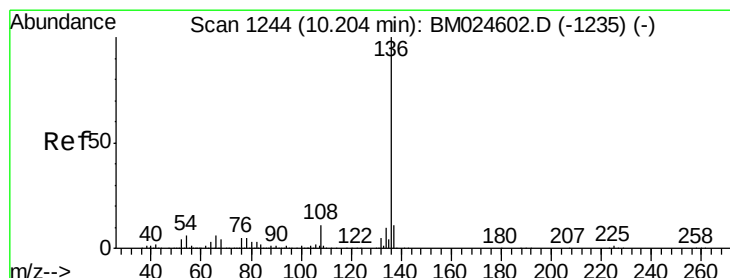
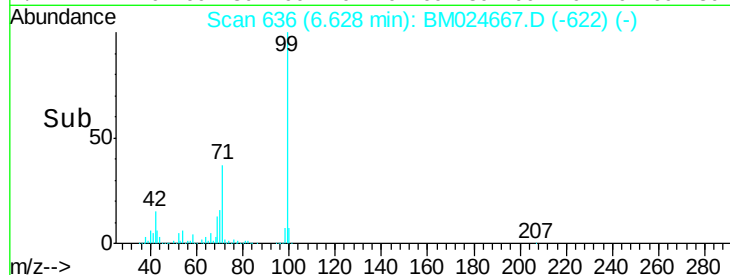
400000

200000

0

6.55 6.60 6.65 6.70

Time-->



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.19 min Scan# 1241

Delta R.T. -0.02 min

Lab File: BM024667.D

Acq: 30 Jan 2020 20:20

Tgt Ion: 136 Resp: 585106

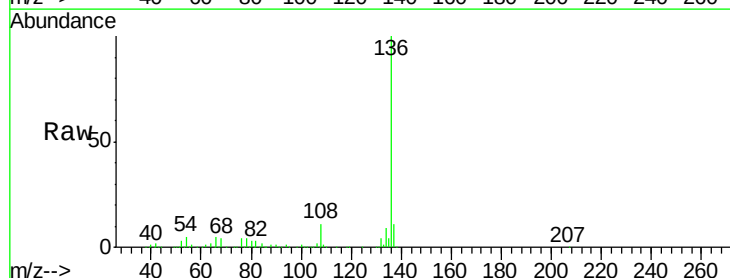
Ion Ratio Lower Upper

136 100

137 11.1 8.6 13.0

54 4.9 4.5 6.7

68 4.0 3.4 5.0



Abundance Ion 136.00 (135.70 to 136.70): BM024667.D (-1227) (-)

Ion 137.00 (136.70 to 137.70): BM024667.D (-1227) (-)

Ion 54.00 (53.70 to 54.70): BM024667.D (-1227) (-)

Ion 68.00 (67.70 to 68.70): BM024667.D (-1227) (-)

10.19

500000

400000

300000

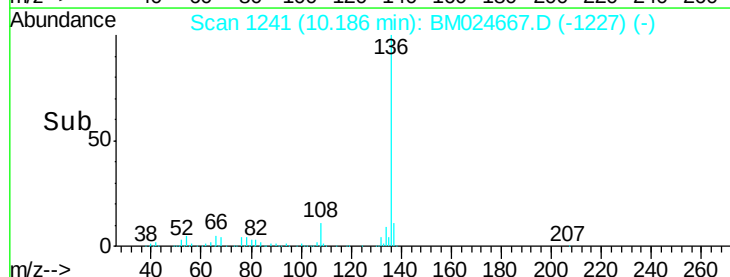
200000

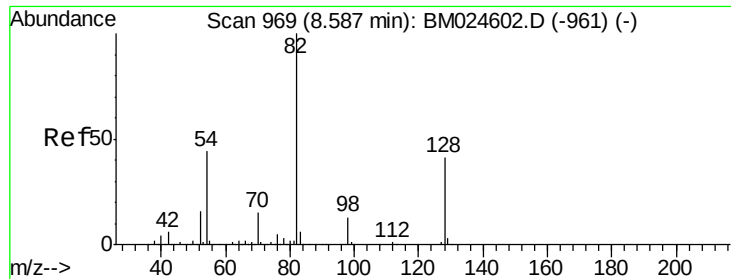
100000

0

10.10 10.20

Time-->

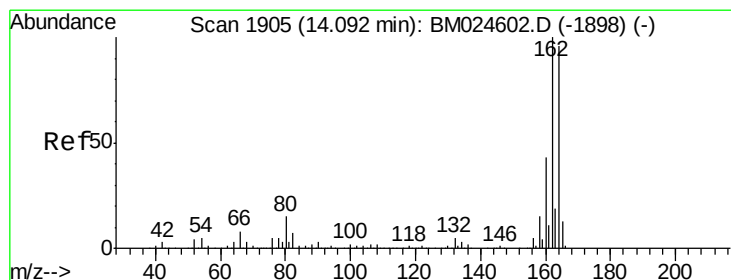
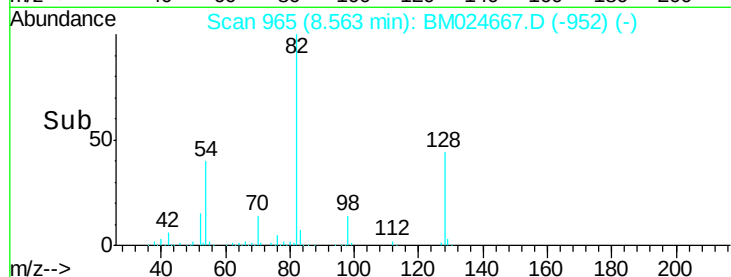
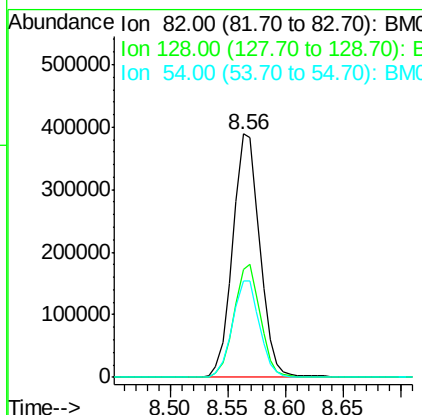
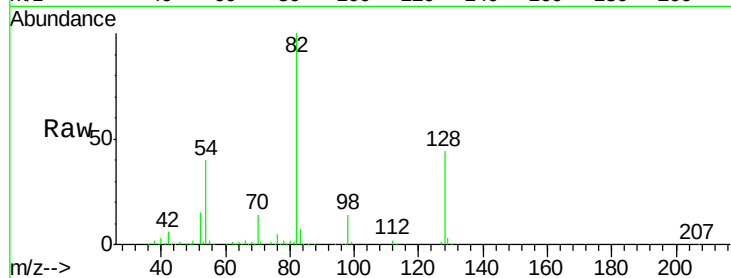




#23
 Nitrobenzene-d5
 Concen: 53.192 ng
 RT: 8.56 min Scan# 965
 Delta R.T. -0.02 min
 Lab File: BM024667.D
 Acq: 30 Jan 2020 20:20

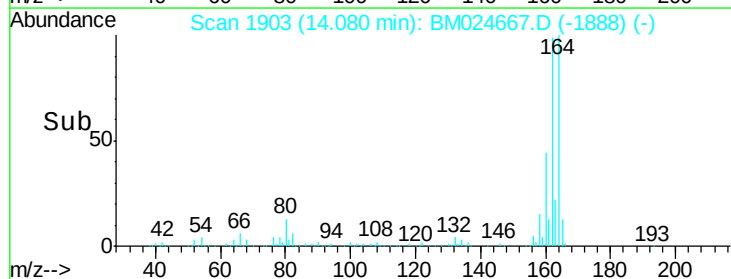
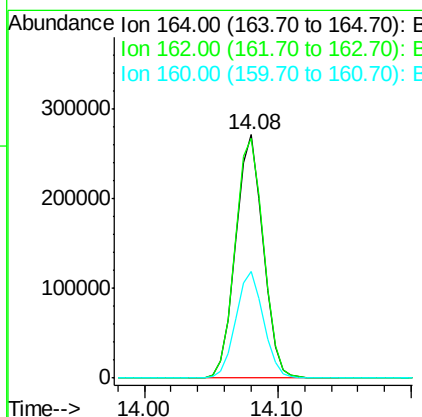
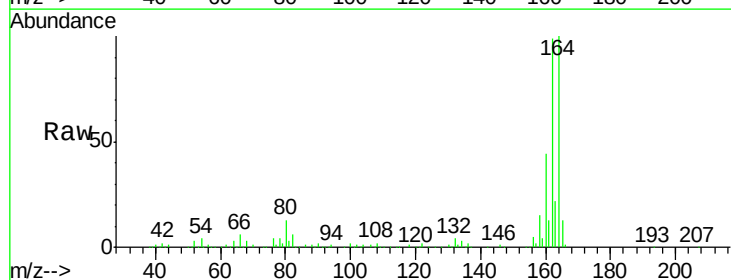
Instrument :
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 RAINEY-PARK-BH-03-C

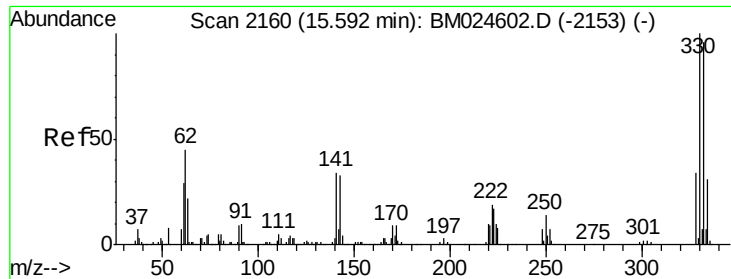
Tot Ion	82	Resp	634627
Ion Ratio	Lower	Upper	
82	100		
128	44.4	32.6	48.8
54	39.7	34.8	52.2



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.08 min Scan# 1903
 Delta R.T. -0.01 min
 Lab File: BM024667.D
 Acq: 30 Jan 2020 20:20

Tgt Ion	164	Resp	388343
Ion Ratio	Lower	Upper	
164	100		
162	98.5	82.9	124.3
160	43.8	35.5	53.3

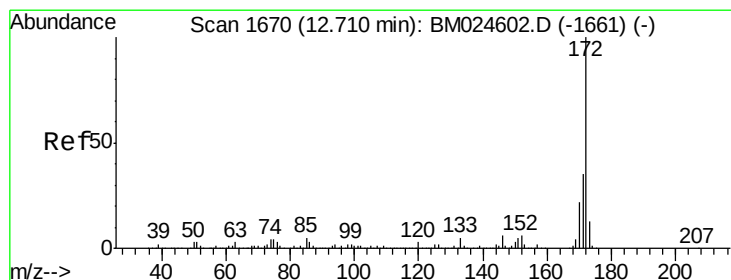
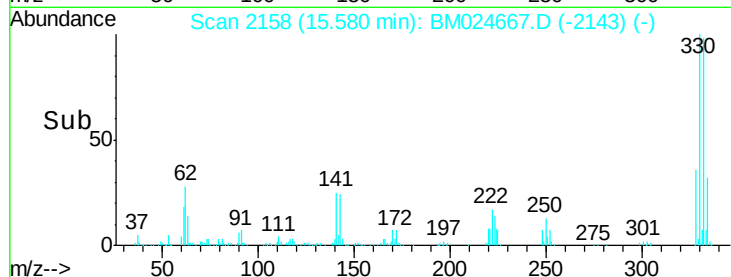
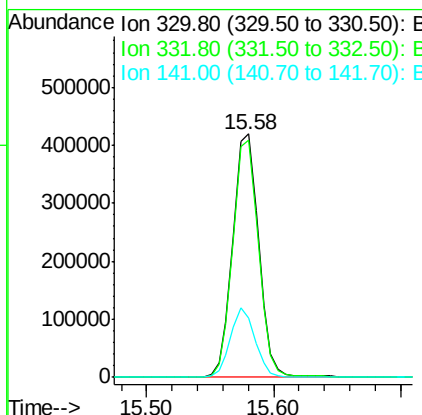
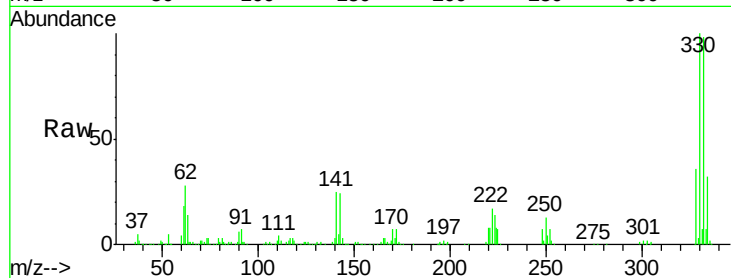




#42
 2,4,6-Tribromophenol
 Concen: 94.135 ng
 RT: 15.58 min Scan# 2158
 Delta R.T. -0.01 min
 Lab File: BM024667.D
 Acq: 30 Jan 2020 20:20

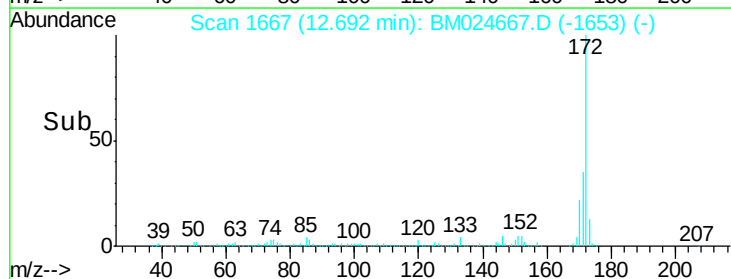
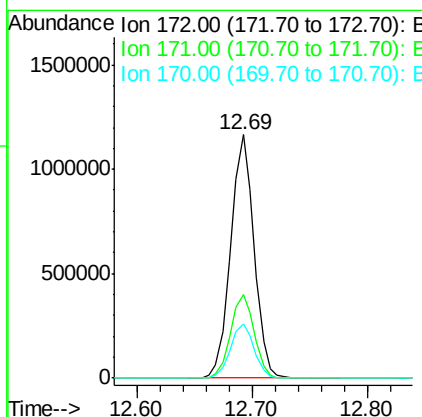
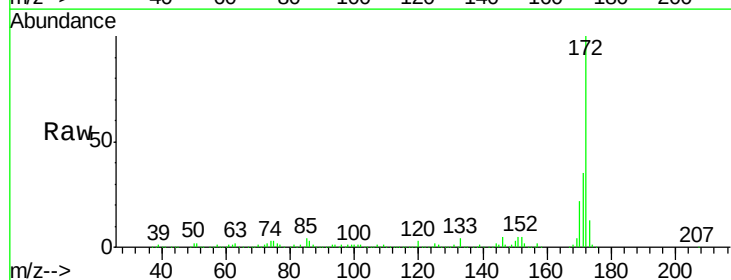
Instrument :
 BNA_M
 ClientSampleId :
 RAINEY-PARK-BH-03-C

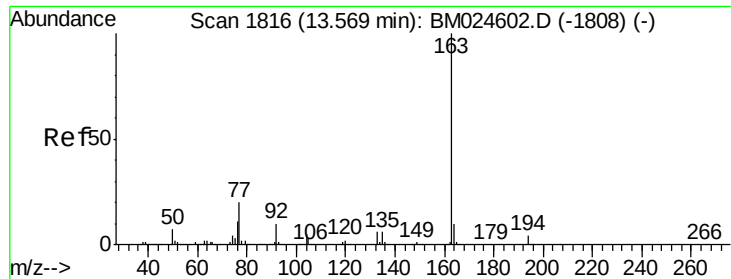
Tot Ion:330 Resp: 594645
 Ion Ratio Lower Upper
 330 100
 332 97.0 77.2 115.8
 141 27.2 26.9 40.3



#45
 2-Fluorobiphenyl
 Concen: 57.123 ng
 RT: 12.69 min Scan# 1667
 Delta R.T. -0.02 min
 Lab File: BM024667.D
 Acq: 30 Jan 2020 20:20

Tgt Ion:172 Resp: 1631723
 Ion Ratio Lower Upper
 172 100
 171 34.6 28.3 42.5
 170 22.5 17.9 26.9





#50

Dimethylphthalate

Concen: 2.355 ng

RT: 13.55 min Scan# 1813

Delta R.T. -0.02 min

Lab File: BM024667.D

Acq: 30 Jan 2020 20:20

Instrument :

BNA_M

ClientSampleId :

RAINEY-PARK-BH-03-C

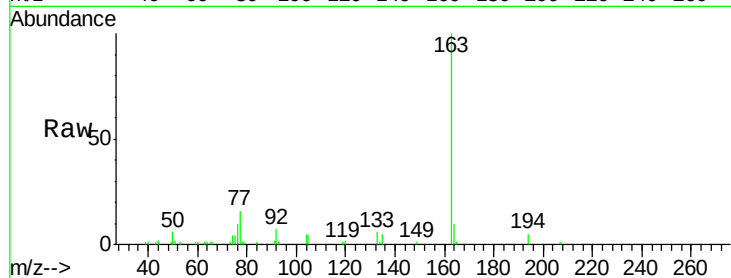
Tot Ion:163 Resp: 73962

Ion Ratio Lower Upper

163 100

194 5.1 3.4 5.0#

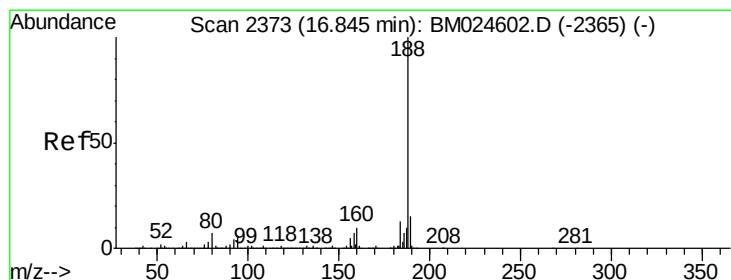
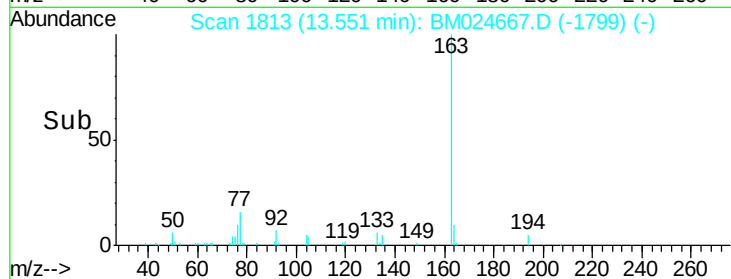
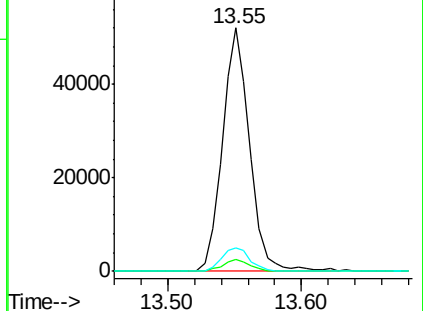
164 9.8 8.0 12.0



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: BM024667.D

Acq: 30 Jan 2020 20:20

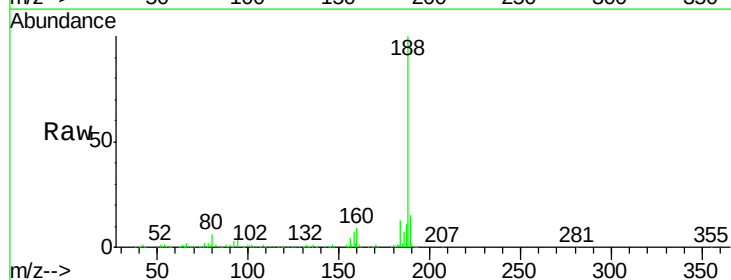
Tgt Ion:188 Resp: 906065

Ion Ratio Lower Upper

188 100

94 5.6 5.0 7.6

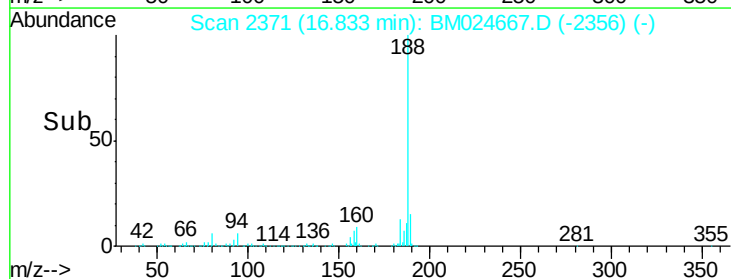
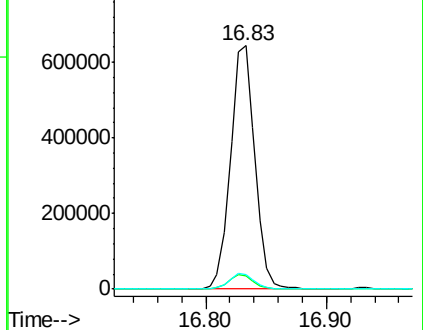
80 6.2 5.8 8.8

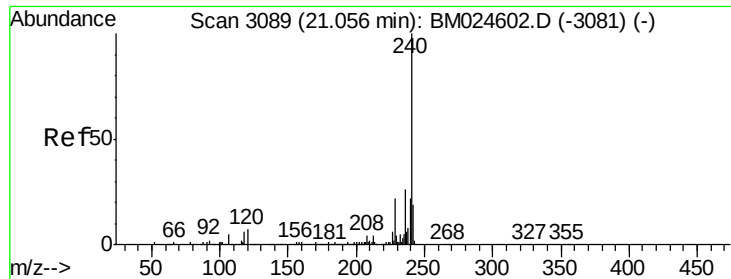


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0

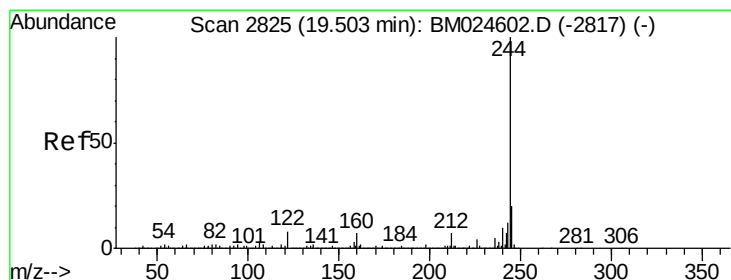
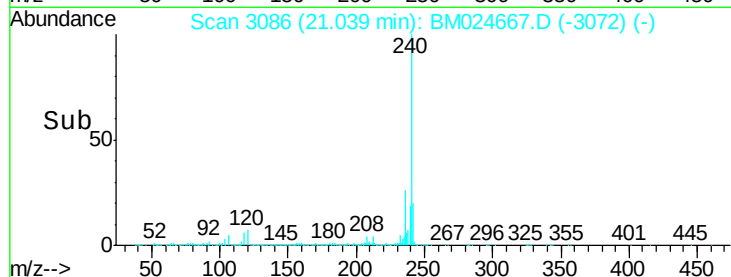
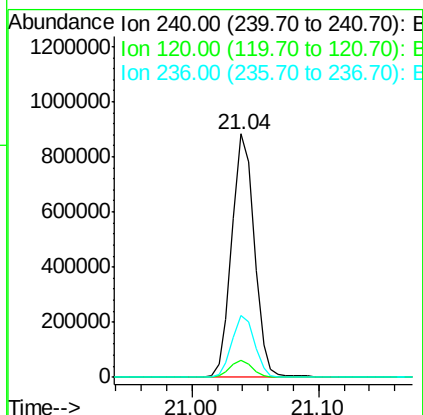
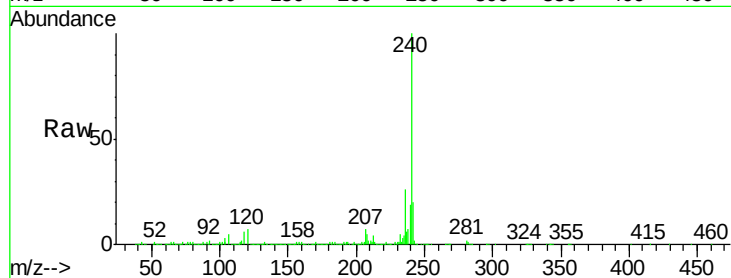




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.04 min Scan# 3086
Delta R.T. -0.02 min
Lab File: BM024667.D
Acq: 30 Jan 2020 20:20

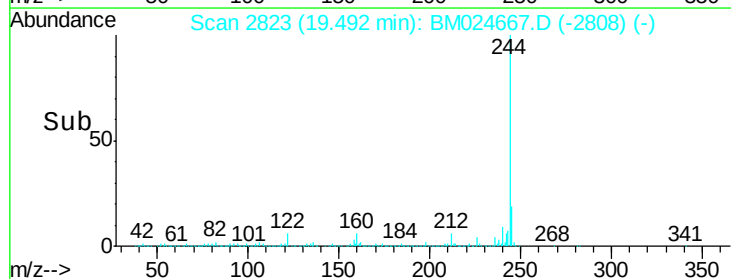
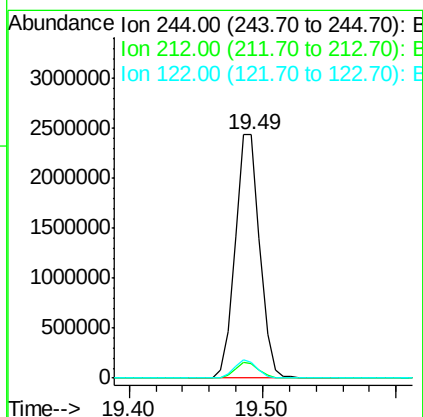
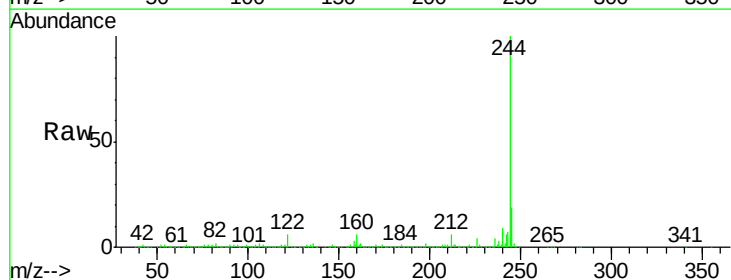
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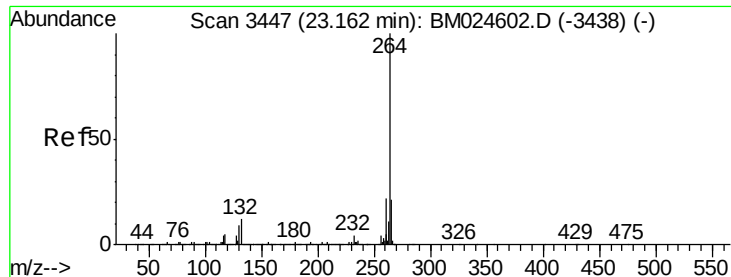
Tot Ion:240 Resp: 1089265
Ion Ratio Lower Upper
240 100
120 7.1 5.3 7.9
236 25.6 20.6 31.0



#79
Terphenyl-d14
Concen: 53.527 ng
RT: 19.49 min Scan# 2823
Delta R.T. -0.01 min
Lab File: BM024667.D
Acq: 30 Jan 2020 20:20

Tgt Ion:244 Resp: 3123099
Ion Ratio Lower Upper
244 100
212 6.2 5.4 8.2
122 6.5 6.2 9.4



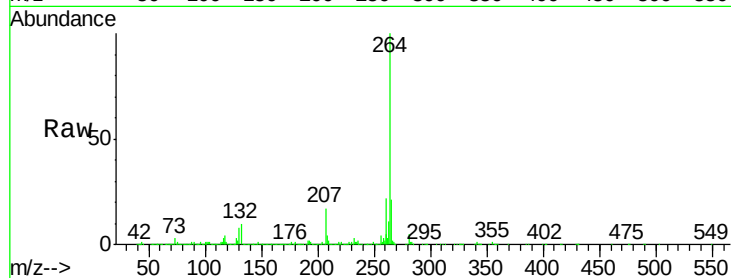


#87
Pervlene-d12
Concen: 20.000 ng
RT: 23.15 min Scan# 3445
Delta R.T. -0.01 min
Lab File: BM024667.D
Acq: 30 Jan 2020 20:20

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

Tot Ion:264 Resp: 1307355

Ion	Ratio	Lower	Upper
264	100		
260	21.8	17.9	26.9
265	21.0	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

