

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM013020\
 Data File : BM024673.D
 Acq On : 30 Jan 2020 23:55
 Operator : CG/JU
 Sample : L1318-15
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 RAINEY-PARK-BH-05-C

Quant Time: Jan 31 00:29:46 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	163410	20.00	ng	-0.02
21) Naphthalene-d8	10.19	136	593462	20.00	ng	-0.02
39) Acenaphthene-d10	14.08	164	386056	20.00	ng	-0.01
64) Phenanthrene-d10	16.83	188	890737	20.00	ng	-0.02
76) Chrysene-d12	21.04	240	1082259	20.00	ng	-0.02
87) Perylene-d12	23.14	264	1290924	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.07	112	858452	99.91	ng	-0.01
7) Phenol-d6	6.63	99	1059995	89.55	ng	-0.02
23) Nitrobenzene-d5	8.56	82	685831	56.67	ng	-0.02
42) 2,4,6-Tribromophenol	15.57	330	632461	100.71	ng	-0.02
45) 2-Fluorobiphenyl	12.69	172	1922718	67.71	ng	-0.02
79) Terphenyl-d14	19.49	244	3915128	67.54	ng	-0.02

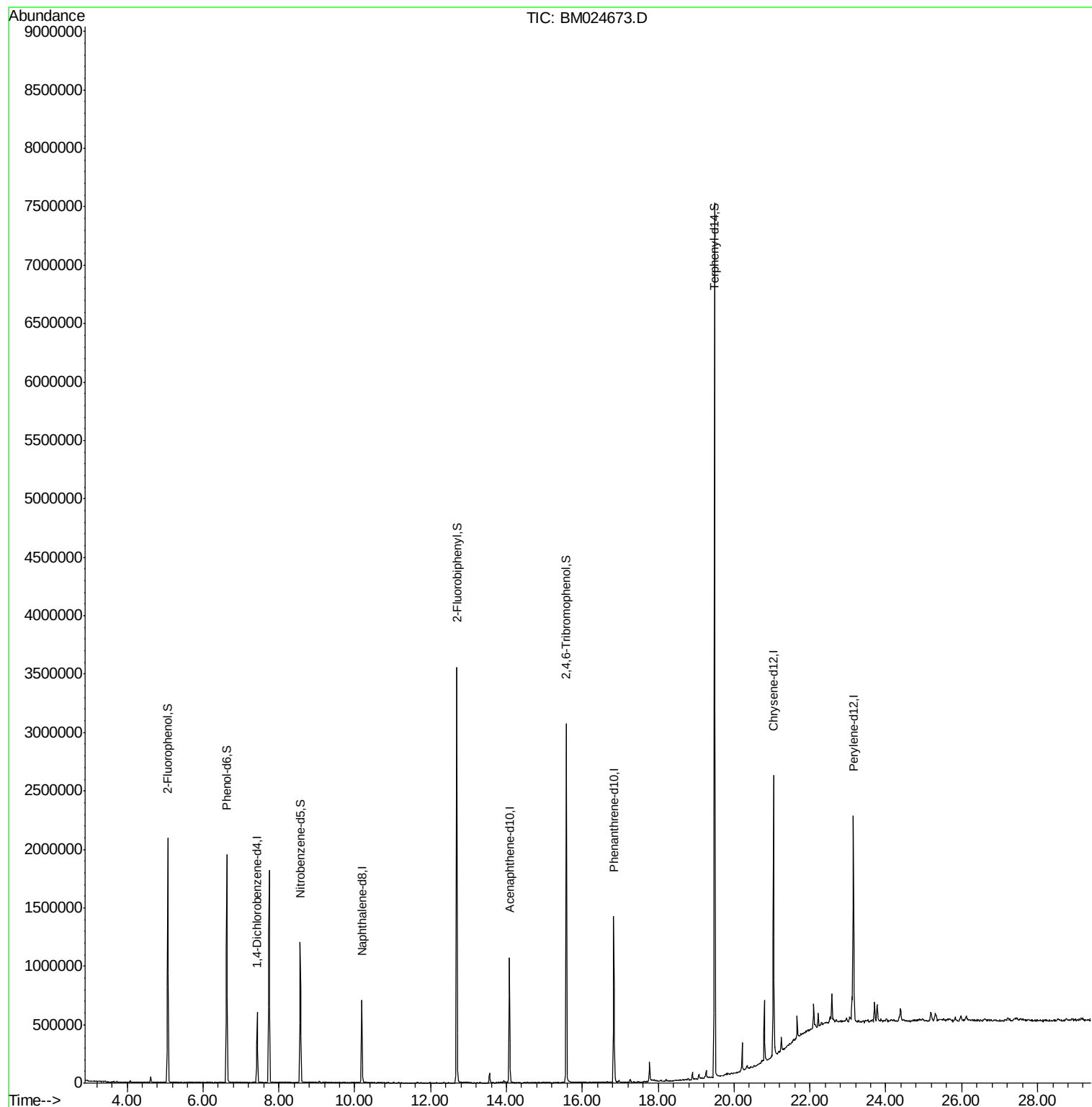
Target Compounds	Qvalue
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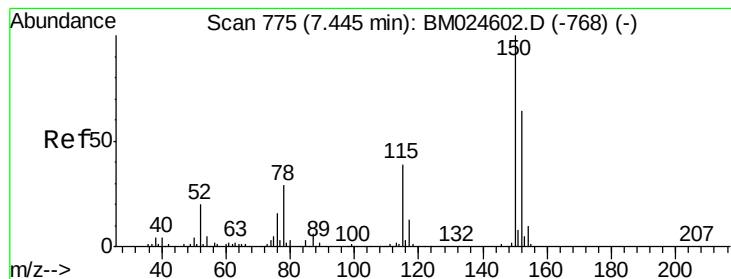
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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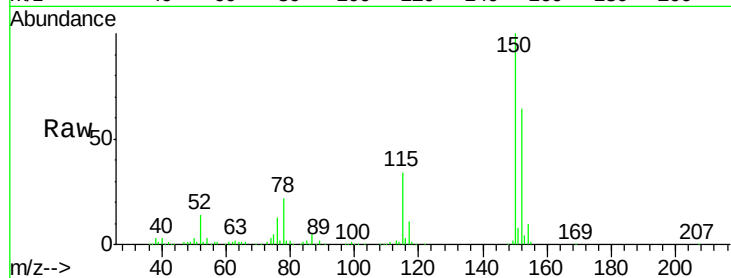


#1

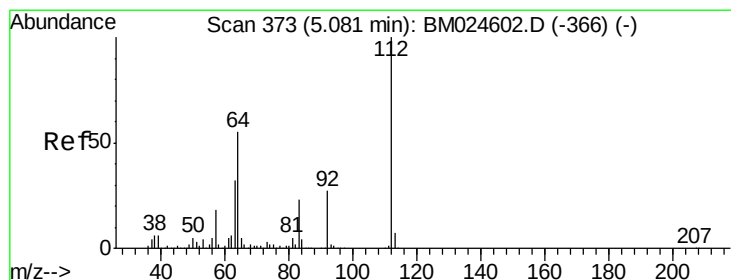
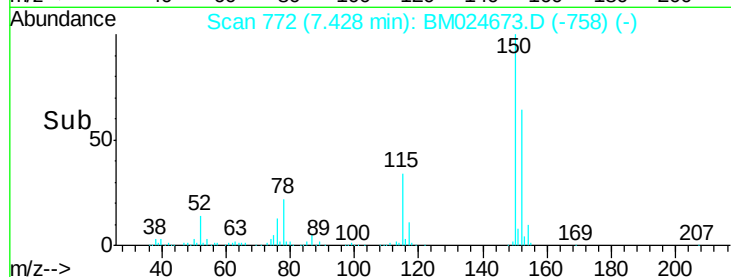
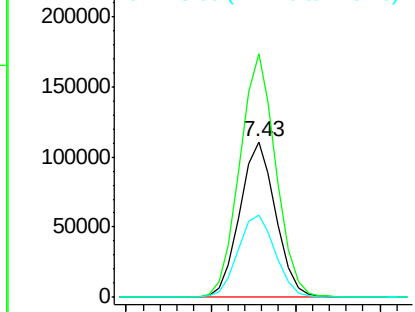
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.43 min Scan# 772
Delta R.T. -0.02 min
Lab File: BM024673.D
Acq: 30 Jan 2020 23:55

Instrument :
BNA_M
ClientSampleId :
RAINEY-PARK-BH-05-C

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.8	124.2	186.4
115	52.9	48.6	72.8



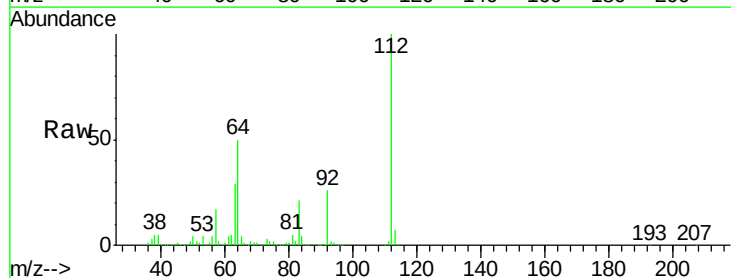
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



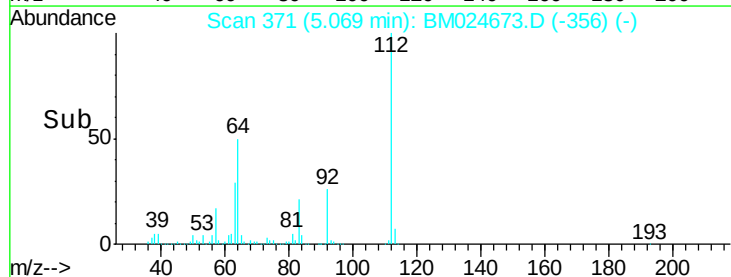
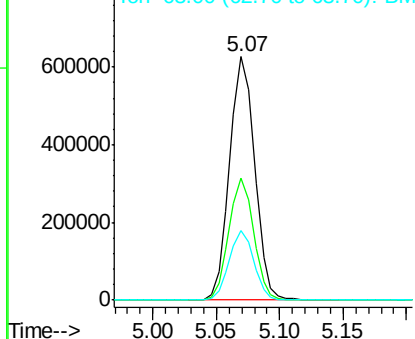
#5

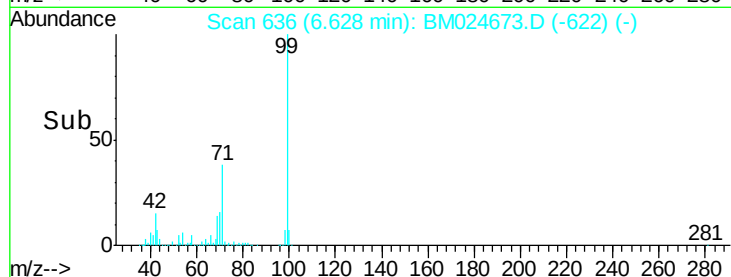
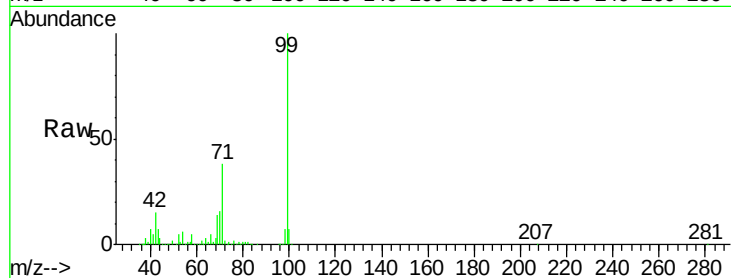
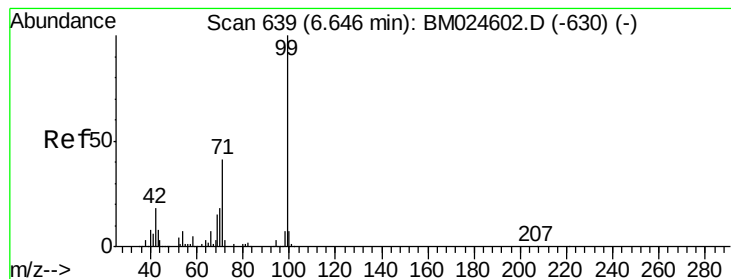
2-Fluorophenol
Concen: 99.906 ng
RT: 5.07 min Scan# 371
Delta R.T. -0.01 min
Lab File: BM024673.D
Acq: 30 Jan 2020 23:55

Tgt Ion	Ratio	Lower	Upper
112	100		
64	50.1	44.2	66.4
63	28.6	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: 89.550 ng

RT: 6.63 min Scan# 636

Delta R.T. -0.02 min

Lab File: BM024673.D

Acq: 30 Jan 2020 23:55

Instrument :

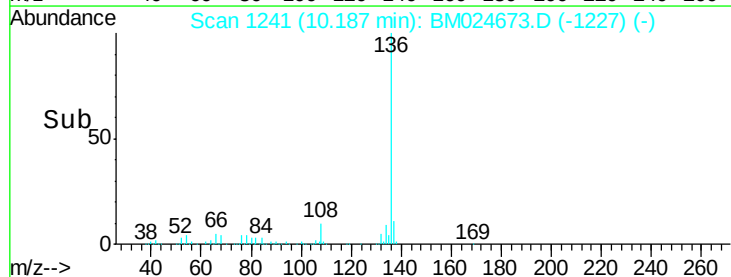
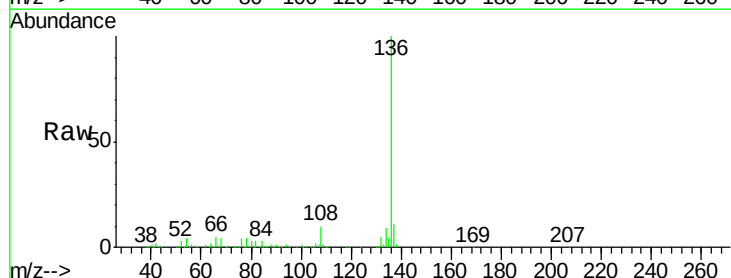
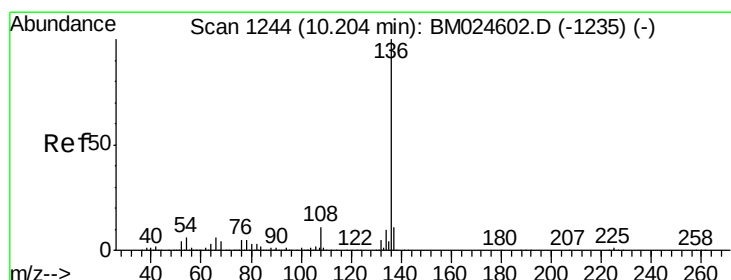
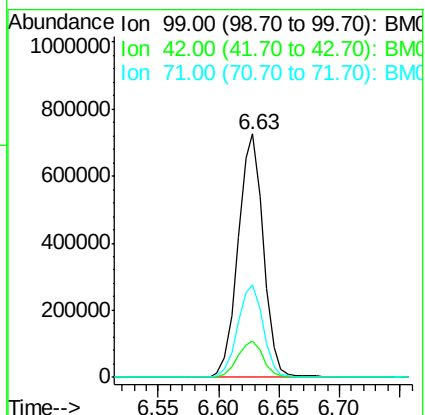
BNA_M

ClientSampleId :

RAINEY-PARK-BH-05-C

Tot Ion: 99 Resp: 1059995

Ion	Ratio	Lower	Upper
99	100		
42	14.9	14.1	21.1
71	38.2	33.0	49.6



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.19 min Scan# 1241

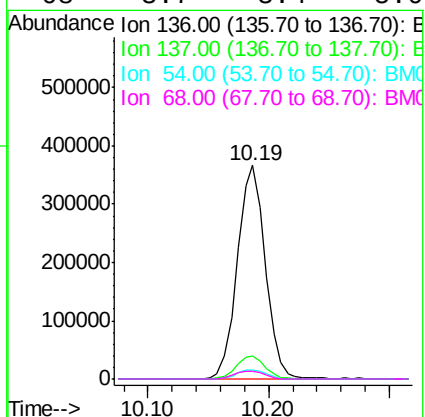
Delta R.T. -0.02 min

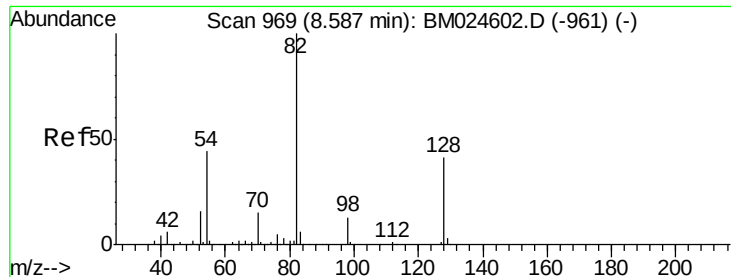
Lab File: BM024673.D

Acq: 30 Jan 2020 23:55

Tgt Ion: 136 Resp: 593462

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.6	13.0
54	4.4	4.5	6.7#
68	3.7	3.4	5.0

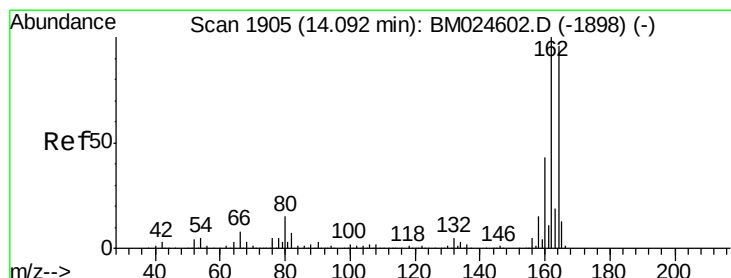
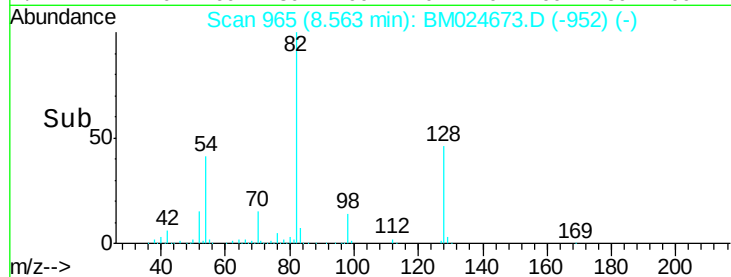
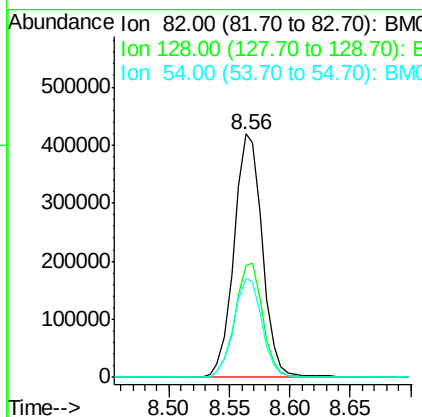
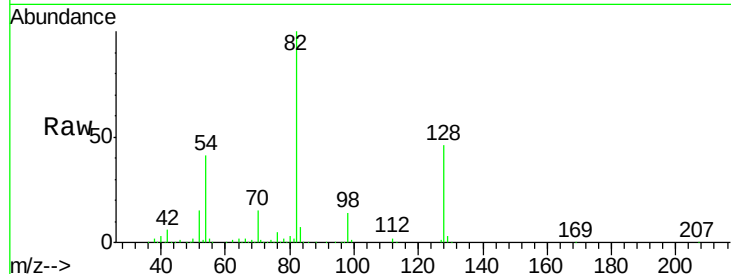




#23
 Nitrobenzene-d5
 Concen: 56.675 ng
 RT: 8.56 min Scan# 965
 Delta R.T. -0.02 min
 Lab File: BM024673.D
 Acq: 30 Jan 2020 23:55

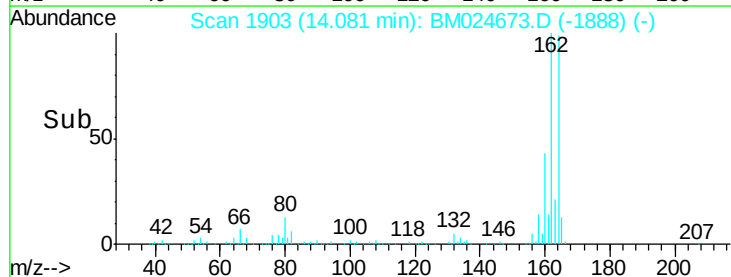
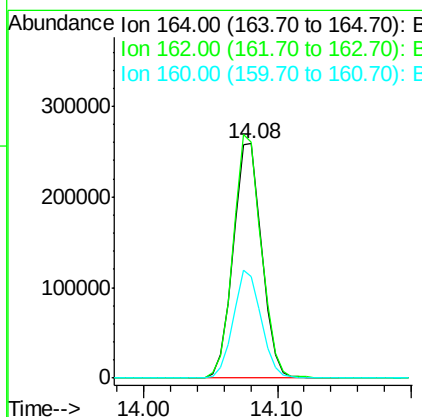
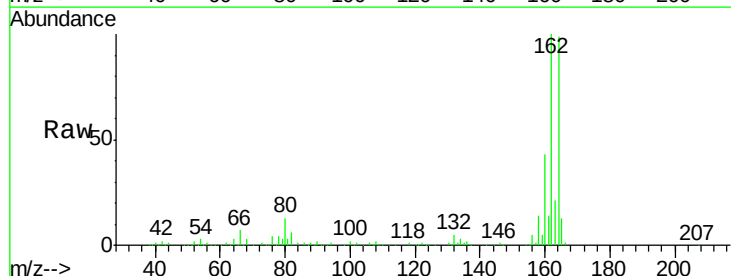
Instrument :
 BNA_M
 ClientSampleId :
 RAINEY-PARK-BH-05-C

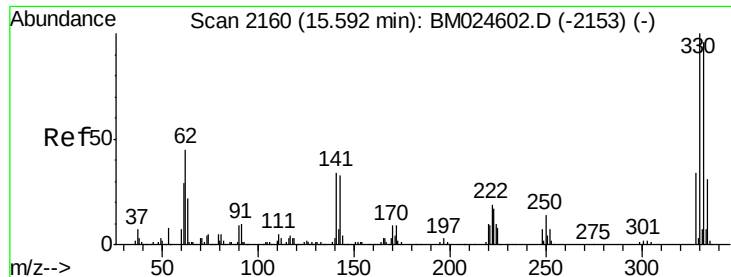
Tot Ion	82	Resp	685831
Ion Ratio	Lower	Upper	
82	100		
128	46.0	32.6	48.8
54	40.5	34.8	52.2



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.08 min Scan# 1903
 Delta R.T. -0.01 min
 Lab File: BM024673.D
 Acq: 30 Jan 2020 23:55

Tgt Ion	164	Resp	386056
Ion Ratio	Lower	Upper	
164	100		
162	100.5	82.9	124.3
160	43.3	35.5	53.3





#42

2,4,6-Tribromophenol

Concen: 100.714 ng

RT: 15.57 min Scan# 2157

Delta R.T. -0.02 min

Lab File: BM024673.D

Acq: 30 Jan 2020 23:55

Instrument :

BNA_M

ClientSampleId :

RAINEY-PARK-BH-05-C

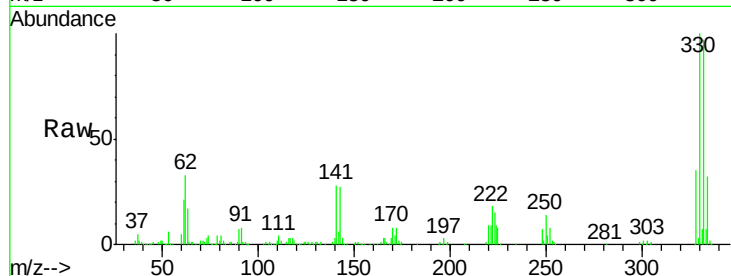
Tot Ion:330 Resp: 632461

Ion Ratio Lower Upper

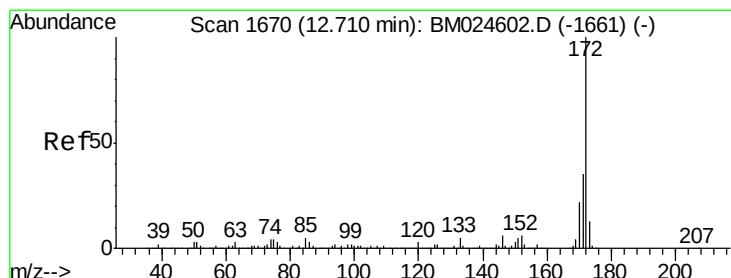
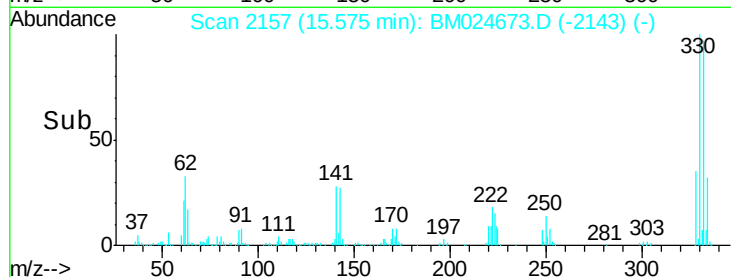
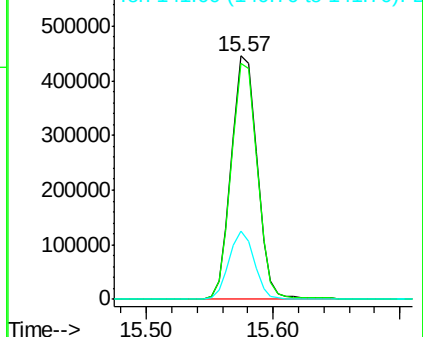
330 100

332 97.7 77.2 115.8

141 27.4 26.9 40.3



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: 67.709 ng

RT: 12.69 min Scan# 1667

Delta R.T. -0.02 min

Lab File: BM024673.D

Acq: 30 Jan 2020 23:55

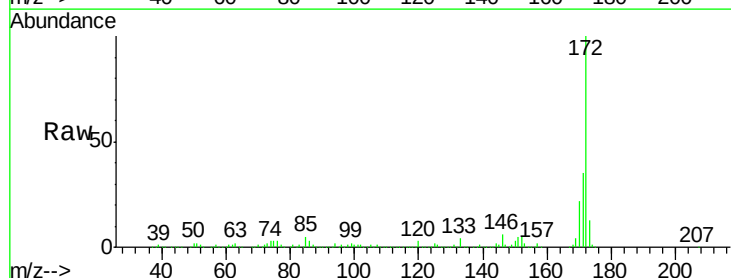
Tgt Ion:172 Resp: 1922718

Ion Ratio Lower Upper

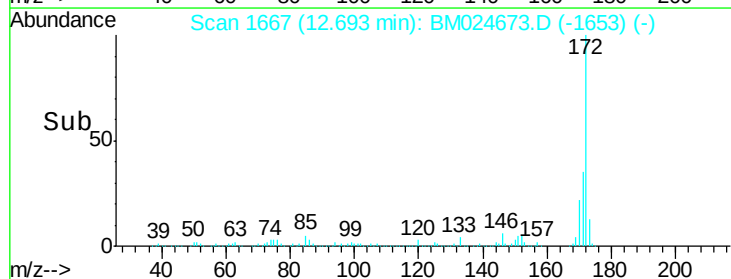
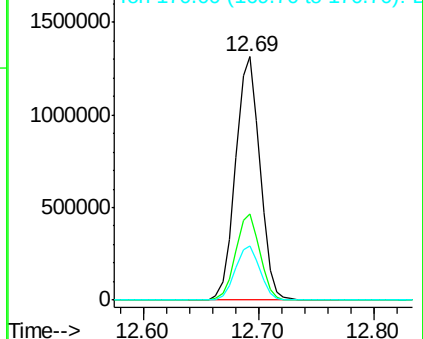
172 100

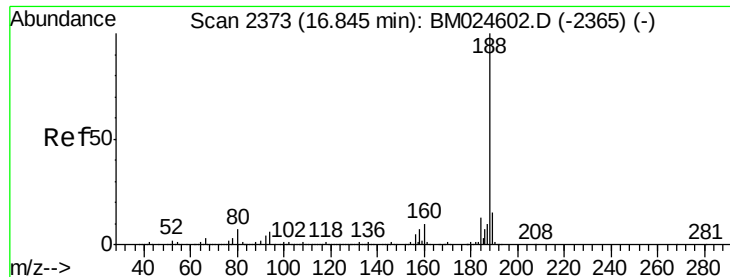
171 35.3 28.3 42.5

170 22.5 17.9 26.9



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

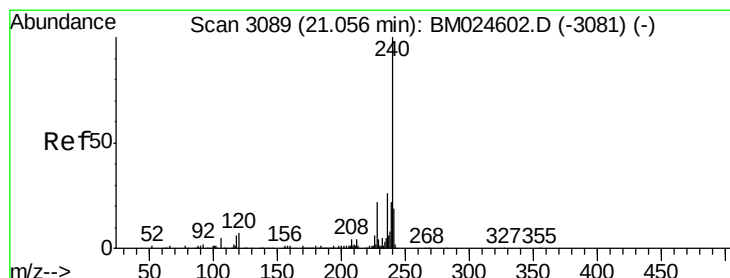
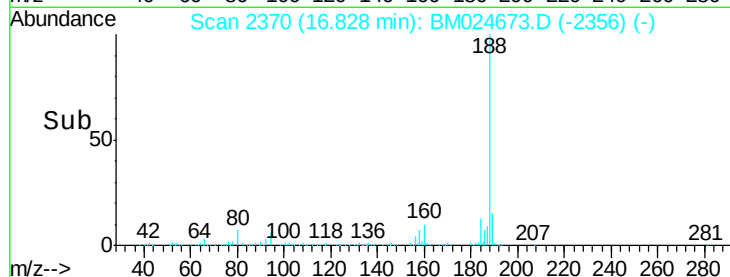
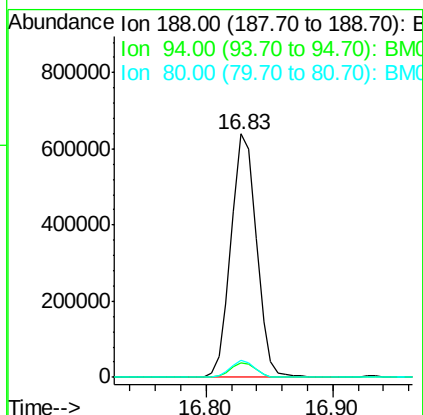
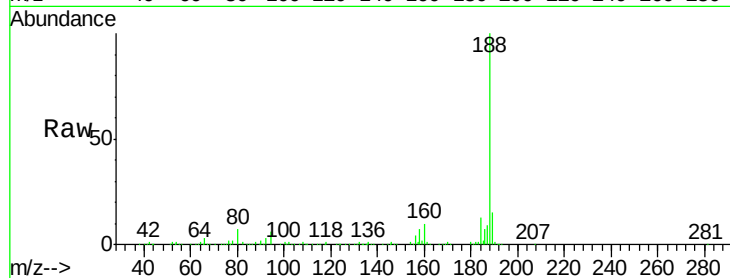




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.83 min Scan# 2370
Delta R.T. -0.02 min
Lab File: BM024673.D
Acq: 30 Jan 2020 23:55

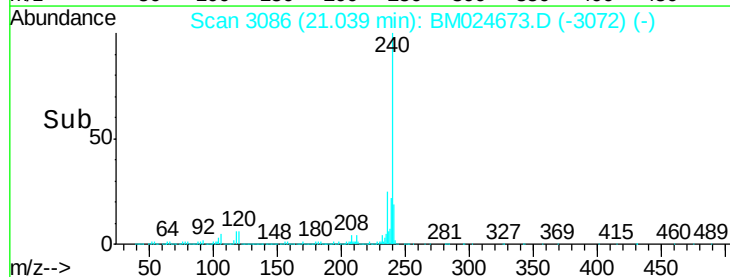
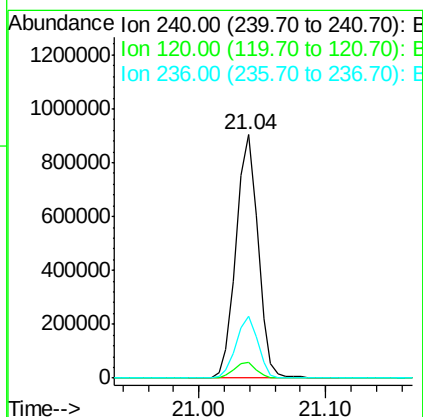
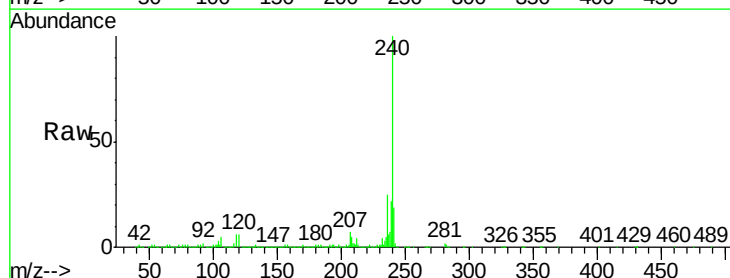
Instrument :
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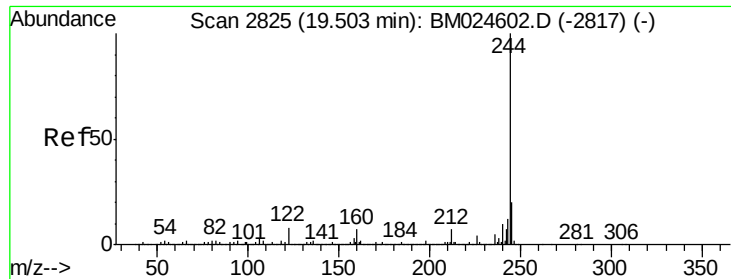
Tot Ion:188 Resp: 890737
Ion Ratio Lower Upper
188 100
94 6.1 5.0 7.6
80 7.0 5.8 8.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.04 min Scan# 3086
Delta R.T. -0.02 min
Lab File: BM024673.D
Acq: 30 Jan 2020 23:55

Tgt Ion:240 Resp: 1082259
Ion Ratio Lower Upper
240 100
120 6.3 5.3 7.9
236 25.5 20.6 31.0





#79

Terphenyl-d14

Concen: 67.536 ng

RT: 19.49 min Scan# 2822

Delta R.T. -0.02 min

Lab File: BM024673.D

Acq: 30 Jan 2020 23:55

Instrument :

BNA_M

ClientSampleId :

RAINEY-PARK-BH-05-C

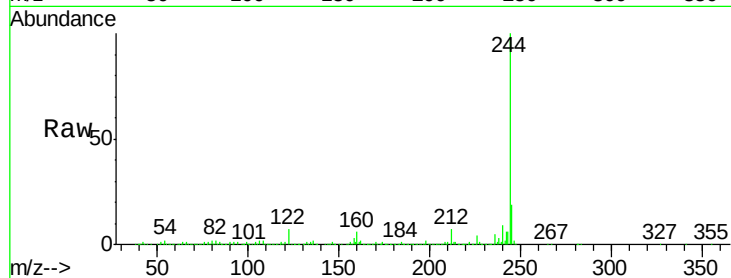
Tot Ion:244 Resp: 3915128

Ion Ratio Lower Upper

244 100

212 6.5 5.4 8.2

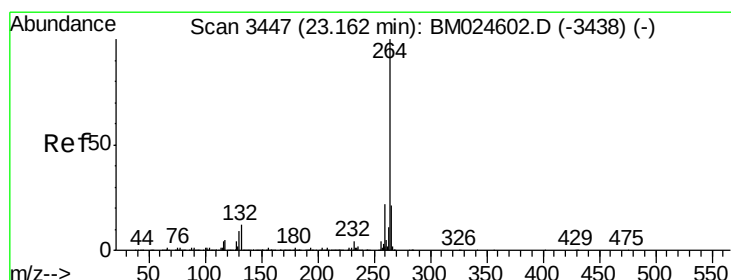
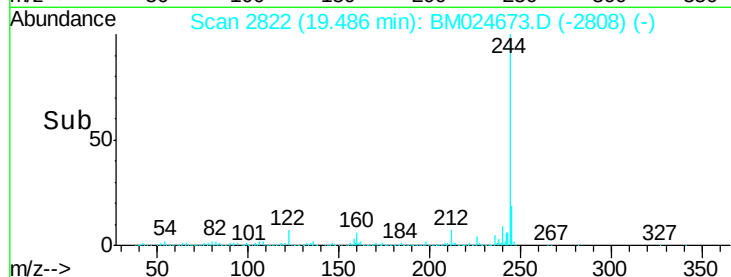
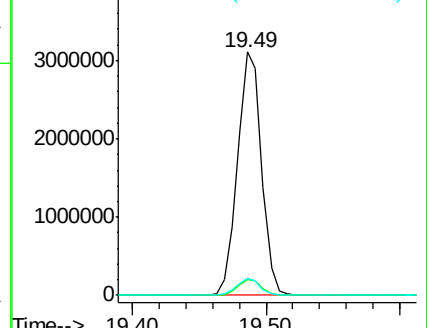
122 7.2 6.2 9.4



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



#87

Perylene-d12

Concen: 20.000 ng

RT: 23.14 min Scan# 3444

Delta R.T. -0.02 min

Lab File: BM024673.D

Acq: 30 Jan 2020 23:55

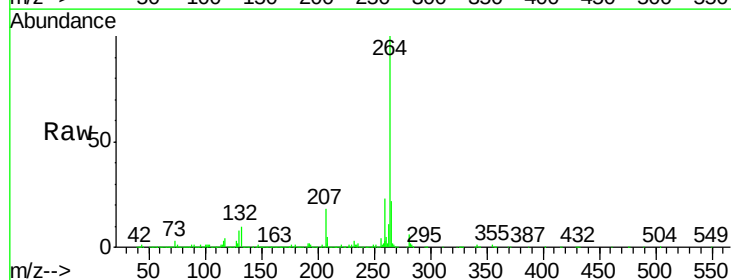
Tgt Ion:264 Resp: 1290924

Ion Ratio Lower Upper

264 100

260 22.7 17.9 26.9

265 21.7 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

