

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM020420\
 Data File : BM024715.D
 Acq On : 04 Feb 2020 20:20
 Operator : CG/JU
 Sample : L1383-08
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Feb 05 03:50:53 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	7.42	152	214159	20.00	ng	-0.02
21) Naphthalene-d8	10.17	136	760369	20.00	ng	-0.03
39) Acenaphthene-d10	14.07	164	333902	20.00	ng	-0.02
64) Phenanthrene-d10	16.83	188	976479	20.00	ng	-0.02
76) Chrysene-d12	21.04	240	879939	20.00	ng	-0.02
87) Perylene-d12	23.14	264	164128	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.07	112	1590079	141.20	ng	-0.01
7) Phenol-d6	6.62	99	1533744	98.87	ng	-0.02
23) Nitrobenzene-d5	8.56	82	1270815	81.96	ng	-0.03
42) 2,4,6-Tribromophenol	15.57	330	1072980	197.55	ng	-0.02
45) 2-Fluorobiphenyl	12.69	172	3314960	134.97	ng	-0.02
79) Terphenyl-d14	19.49	244	5721953	121.40	ng	-0.02

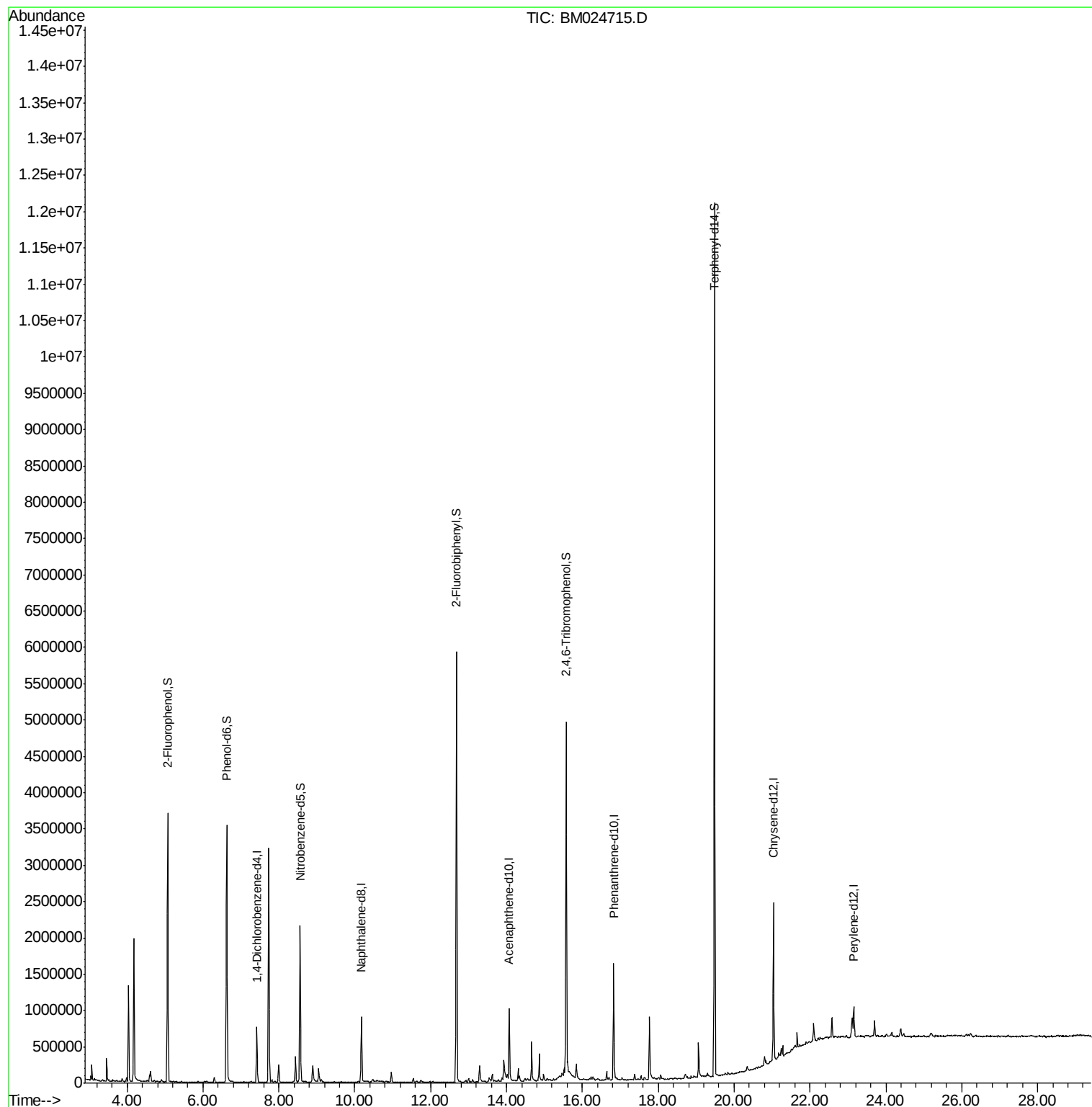
Target Compounds Qvalue

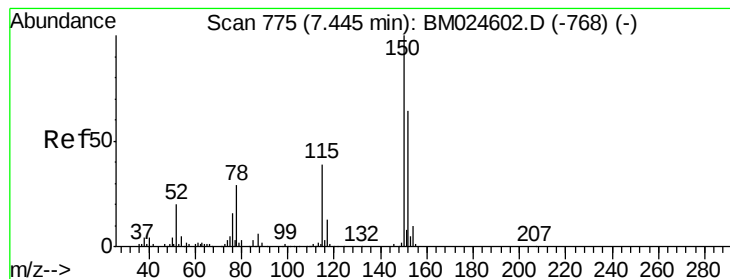
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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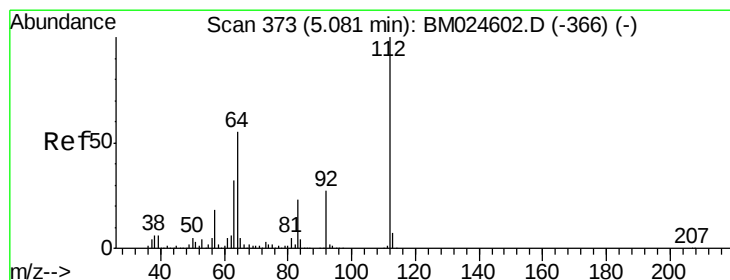
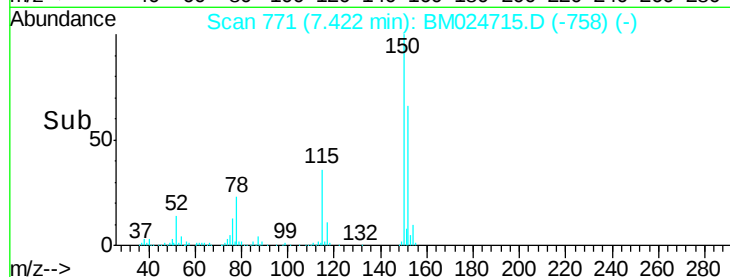
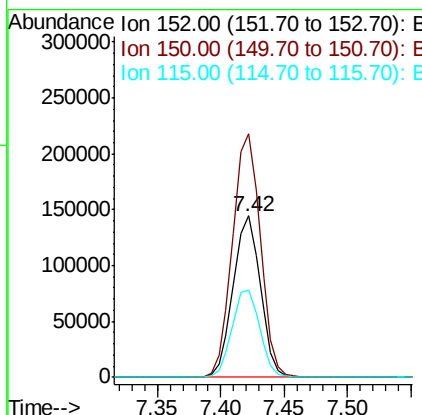
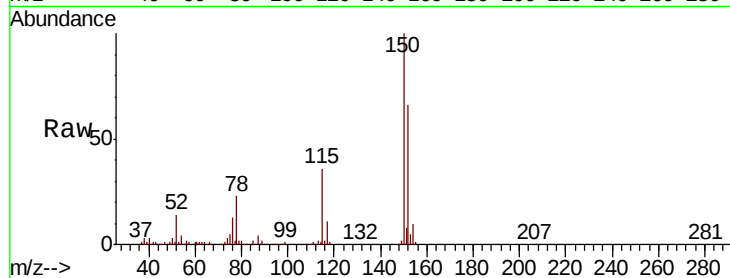


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.42 min Scan# 771
 Delta R.T. -0.02 min
 Lab File: BM024715.D
 Acq: 04 Feb 2020 20:20

Instrument :
 BNA_M
 ClientSampleId :

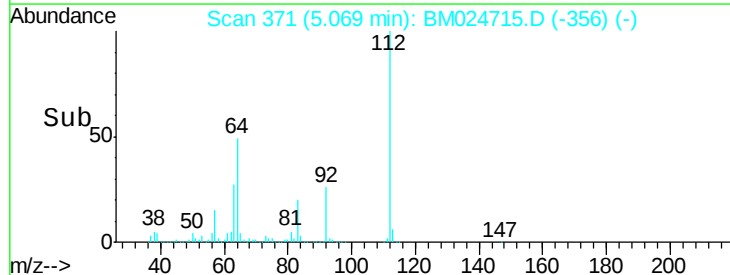
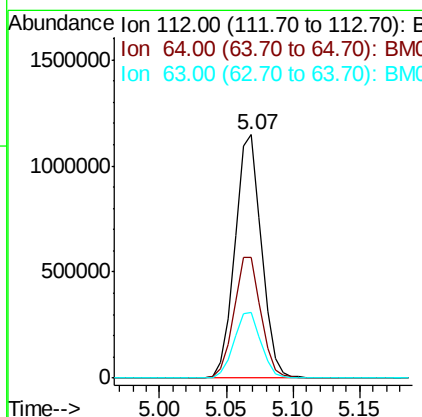
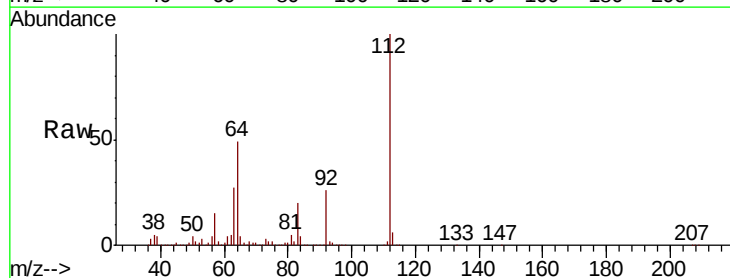
Tot Ion	152	Resp	214159
Ion	Ratio	Lower	Upper
152	100		
150	150.6	124.2	186.4
115	53.8	48.6	72.8

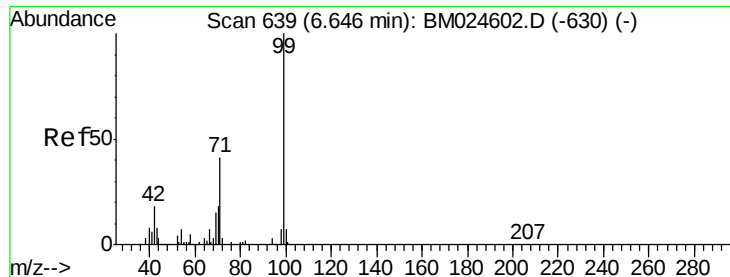


#5

2-Fluorophenol
 Concen: 141.201 ng
 RT: 5.07 min Scan# 371
 Delta R.T. -0.01 min
 Lab File: BM024715.D
 Acq: 04 Feb 2020 20:20

Tgt Ion	112	Resp	1590079
Ion	Ratio	Lower	Upper
112	100		
64	49.5	44.2	66.4
63	27.2	25.9	38.9





#7

Phenol-d6

Concen: 98.869 ng

RT: 6.62 min Scan# 635

Delta R.T. -0.02 min

Lab File: BM024715.D

Acq: 04 Feb 2020 20:20

Instrument :

BNA_M

ClientSampled :

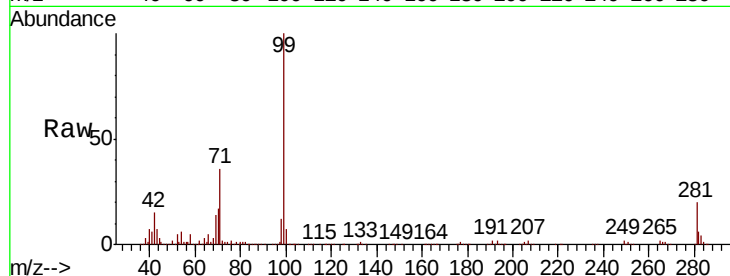
Tot Ion: 99 Resp: 1533744

Ion Ratio Lower Upper

99 100

42 15.2 14.1 21.1

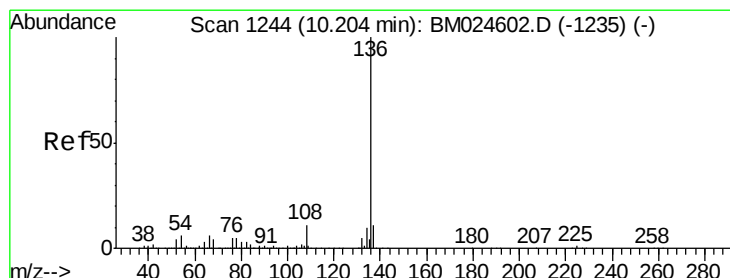
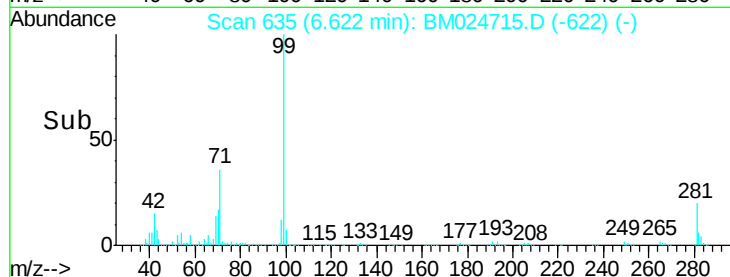
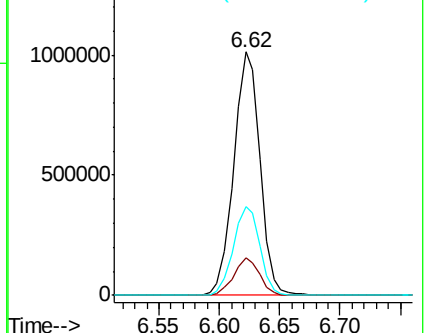
71 36.4 33.0 49.6



Abundance Ion 99.00 (98.70 to 99.70): BM024715.D (-622) (-)

Ion 42.00 (41.70 to 42.70): BM024715.D (-622) (-)

Ion 71.00 (70.70 to 71.70): BM024715.D (-622) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.17 min Scan# 1239

Delta R.T. -0.03 min

Lab File: BM024715.D

Acq: 04 Feb 2020 20:20

Tgt Ion: 136 Resp: 760369

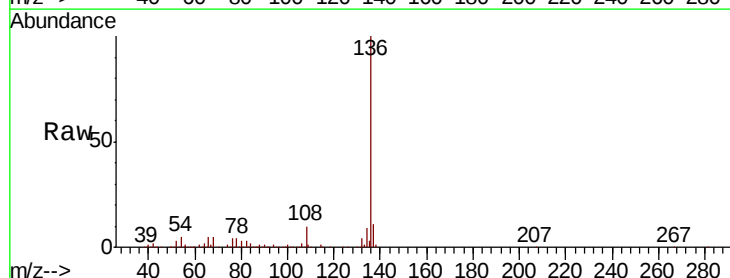
Ion Ratio Lower Upper

136 100

137 10.6 8.6 13.0

54 5.0 4.5 6.7

68 4.5 3.4 5.0

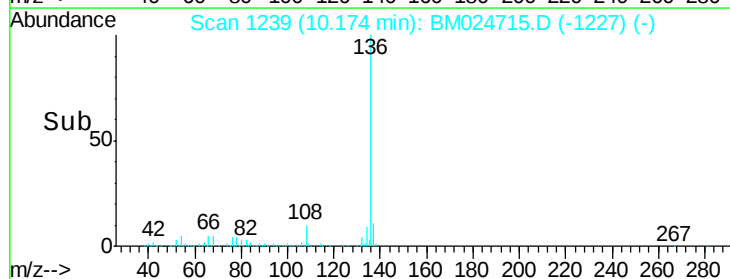
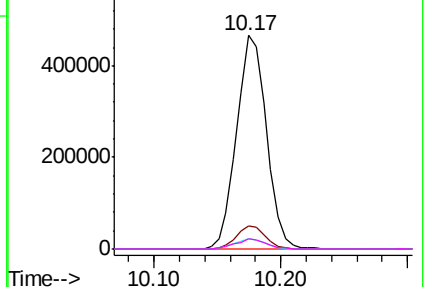


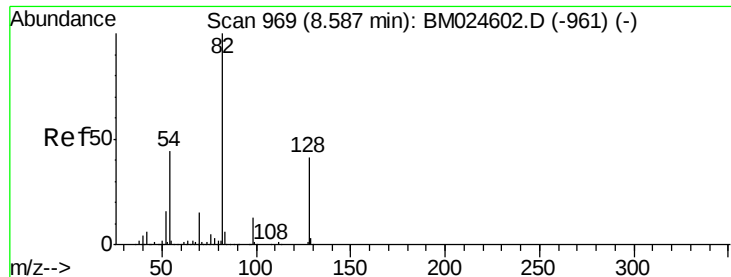
Abundance Ion 136.00 (135.70 to 136.70): BM024715.D (-1227) (-)

Ion 137.00 (136.70 to 137.70): BM024715.D (-1227) (-)

Ion 54.00 (53.70 to 54.70): BM024715.D (-1227) (-)

Ion 68.00 (67.70 to 68.70): BM024715.D (-1227) (-)

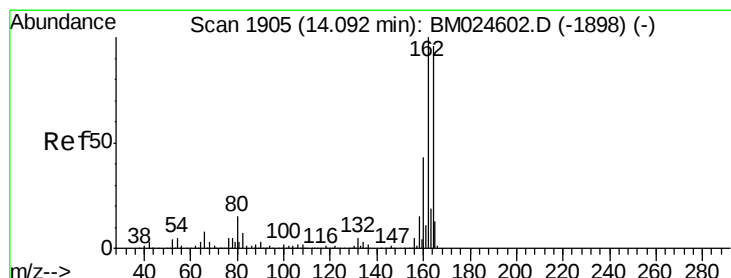
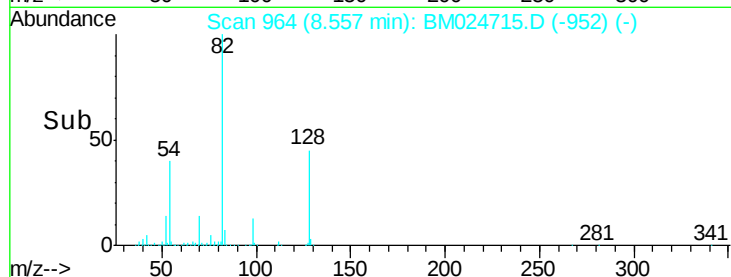
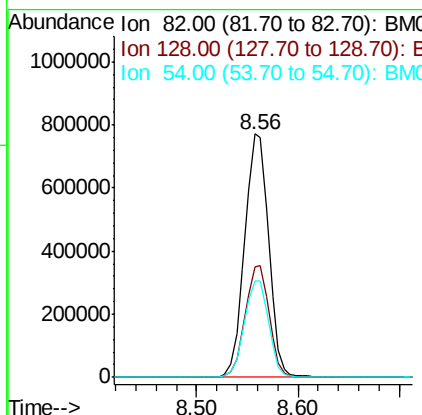
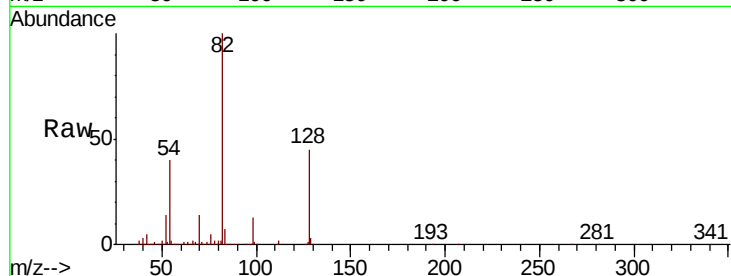




#23
Nitrobenzene-d5
Concen: 81.964 ng
RT: 8.56 min Scan# 964
Delta R.T. -0.03 min
Lab File: BM024715.D
Acq: 04 Feb 2020 20:20

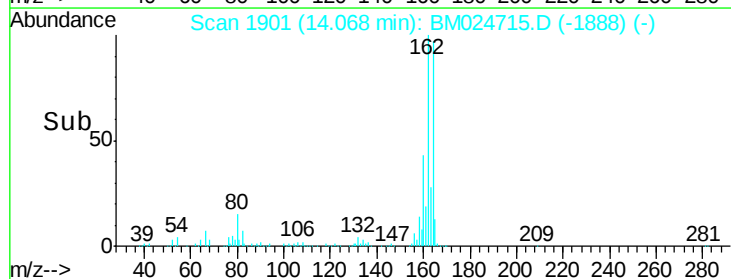
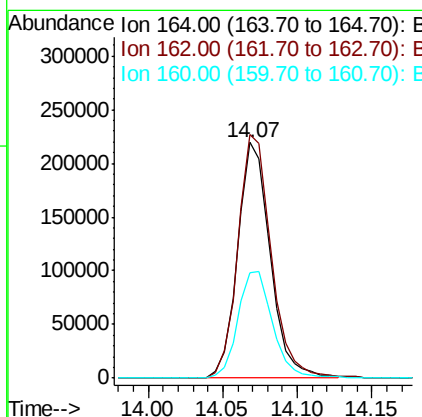
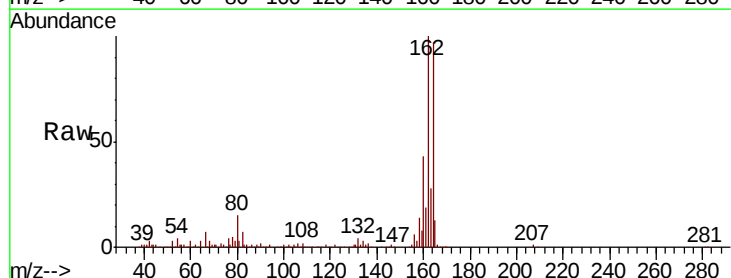
Instrument :
BNA_M
ClientSampled :

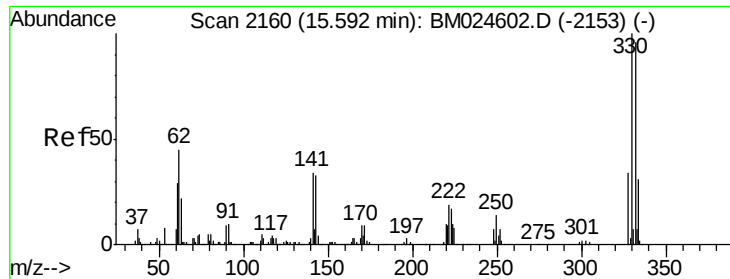
Tot Ion: 82 Resp: 1270815
Ion Ratio Lower Upper
82 100
128 45.5 32.6 48.8
54 39.7 34.8 52.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.07 min Scan# 1901
Delta R.T. -0.02 min
Lab File: BM024715.D
Acq: 04 Feb 2020 20:20

Tgt Ion: 164 Resp: 333902
Ion Ratio Lower Upper
164 100
162 103.4 82.9 124.3
160 44.9 35.5 53.3

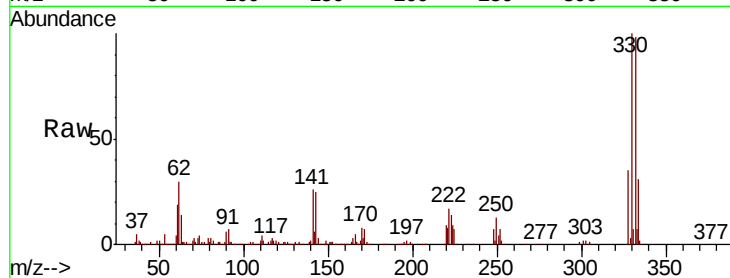




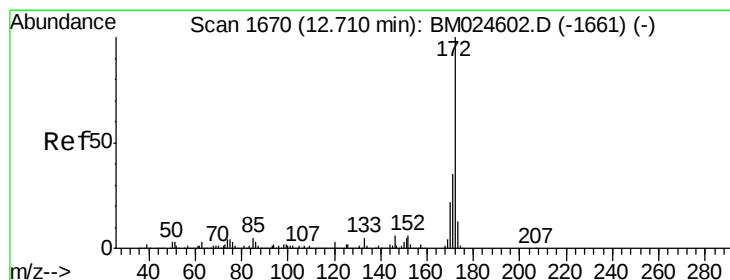
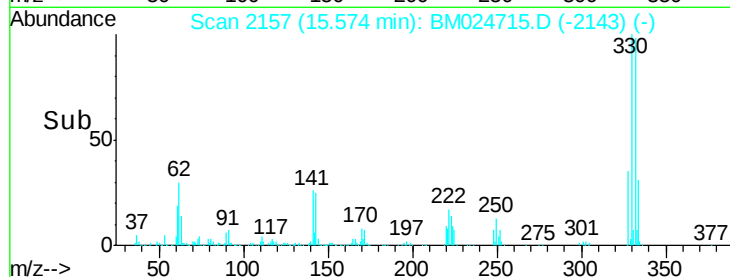
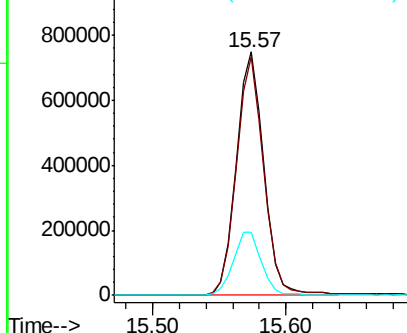
#42
 2,4,6-Tribromophenol
 Concen: 197.551 ng
 RT: 15.57 min Scan# 2157
 Delta R.T. -0.02 min
 Lab File: BM024715.D
 Acq: 04 Feb 2020 20:20

Instrument :
 BNA_M
 ClientSampled :

Tot Ion:330 Resp: 1072980
 Ion Ratio Lower Upper
 330 100
 332 97.0 77.2 115.8
 141 27.1 26.9 40.3

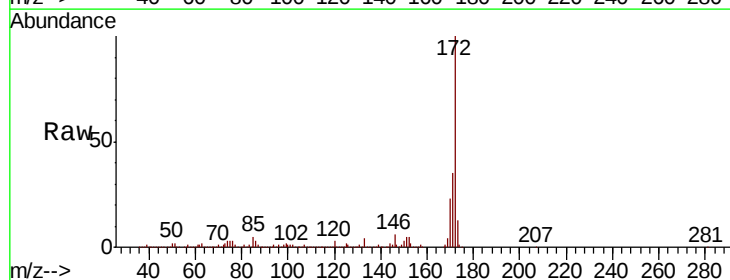


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

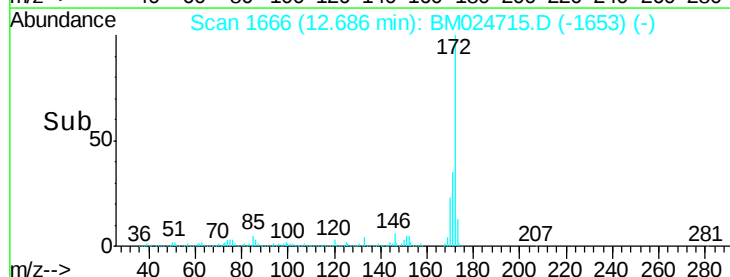
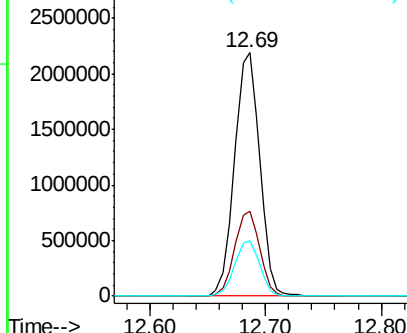


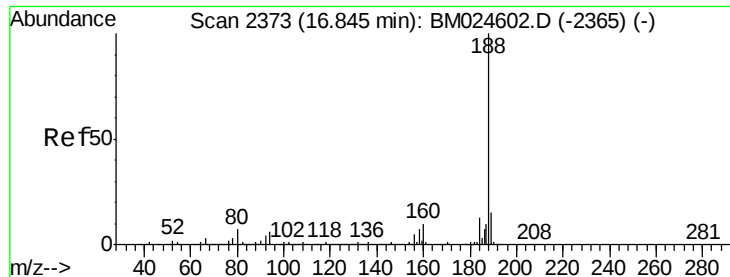
#45
 2-Fluorobiphenyl
 Concen: 134.971 ng
 RT: 12.69 min Scan# 1666
 Delta R.T. -0.02 min
 Lab File: BM024715.D
 Acq: 04 Feb 2020 20:20

Tgt Ion:172 Resp: 3314960
 Ion Ratio Lower Upper
 172 100
 171 34.8 28.3 42.5
 170 22.8 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

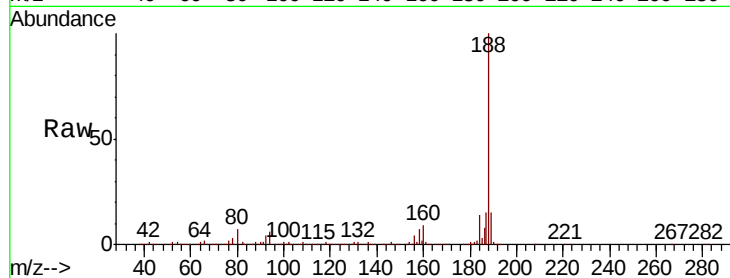




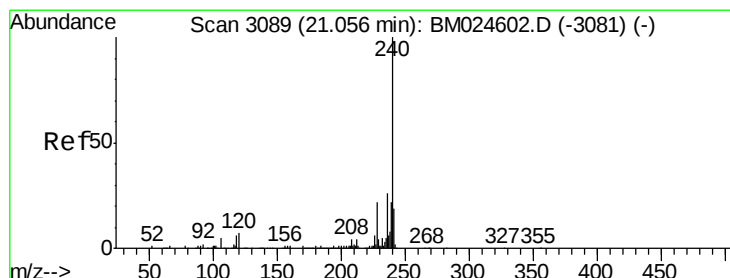
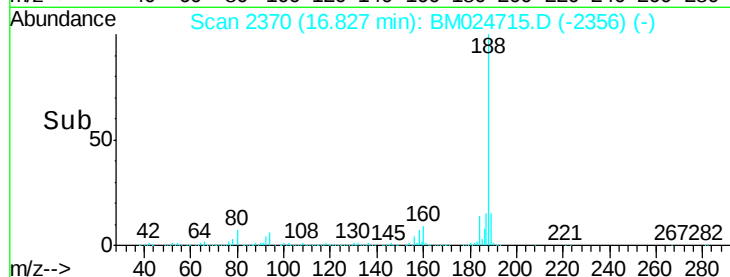
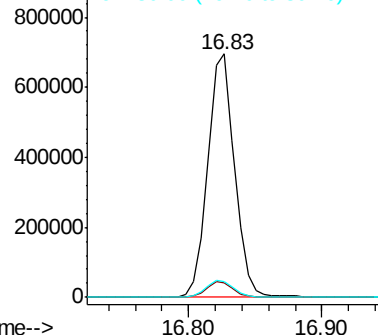
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.83 min Scan# 2370
Delta R.T. -0.02 min
Lab File: BM024715.D
Acq: 04 Feb 2020 20:20

Instrument :
BNA_M
ClientSampleId :

Tot Ion:188 Resp: 976479
Ion Ratio Lower Upper
188 100
94 5.9 5.0 7.6
80 6.6 5.8 8.8

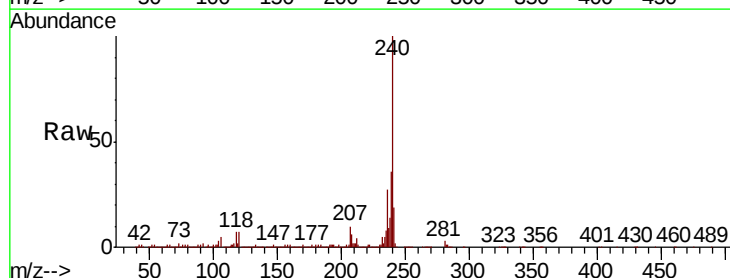


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BM0
Ion 80.00 (79.70 to 80.70): BM0

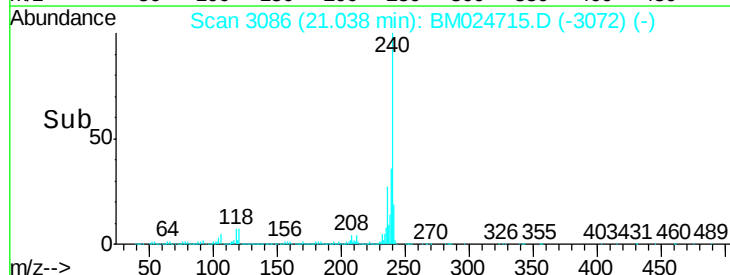
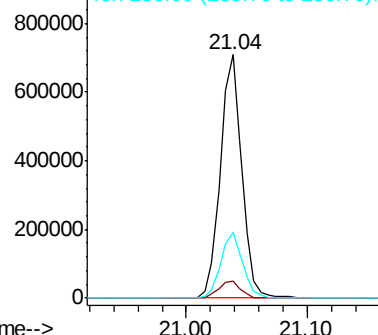


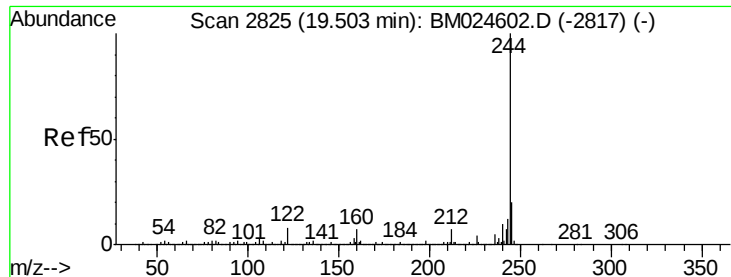
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.04 min Scan# 3086
Delta R.T. -0.02 min
Lab File: BM024715.D
Acq: 04 Feb 2020 20:20

Tgt Ion:240 Resp: 879939
Ion Ratio Lower Upper
240 100
120 7.0 5.3 7.9
236 27.2 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





#79

Terphenyl-d14

Concen: 121.399 ng

RT: 19.49 min Scan# 2822

Delta R.T. -0.02 min

Lab File: BM024715.D

Acq: 04 Feb 2020 20:20

Instrument :

BNA_M

ClientSampleId :

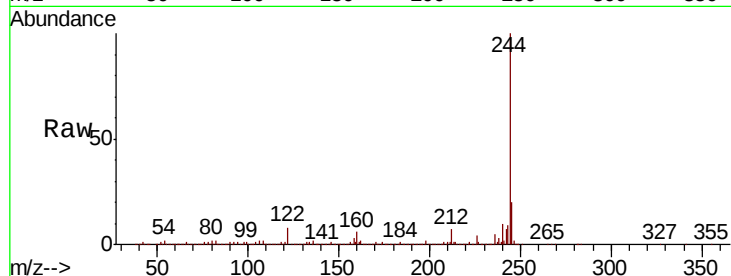
Tot Ion:244 Resp: 5721953

Ion Ratio Lower Upper

244 100

212 6.6 5.4 8.2

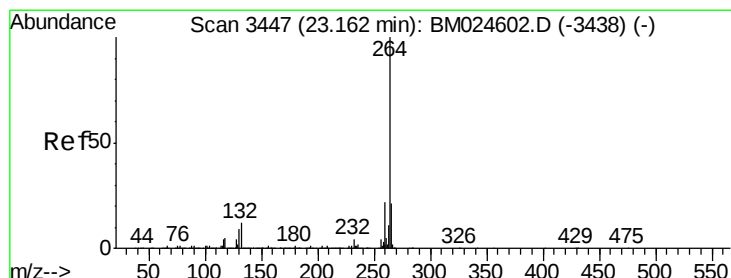
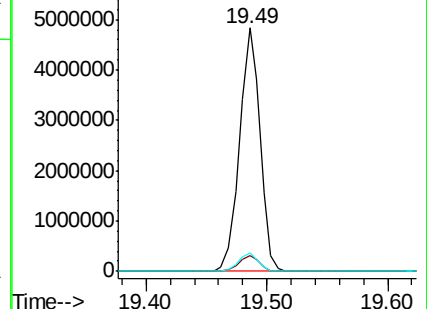
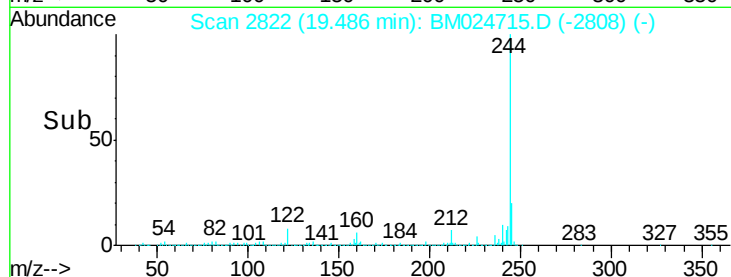
122 7.5 6.2 9.4



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: BM024715.D

Acq: 04 Feb 2020 20:20

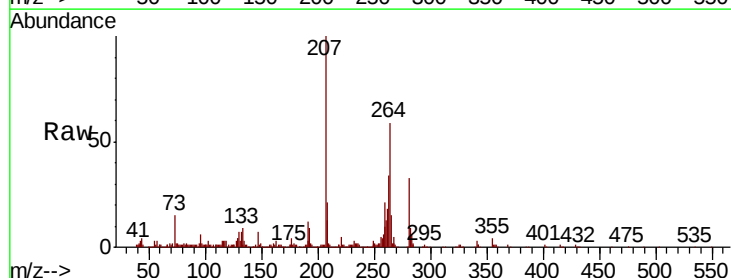
Tgt Ion:264 Resp: 164128

Ion Ratio Lower Upper

264 100

260 34.9 17.9 26.9#

265 25.1 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

