

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM020420\
 Data File : BM024711.D
 Acq On : 04 Feb 2020 17:55
 Operator : CG/JU
 Sample : L1016-19
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Feb 05 03:49:43 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

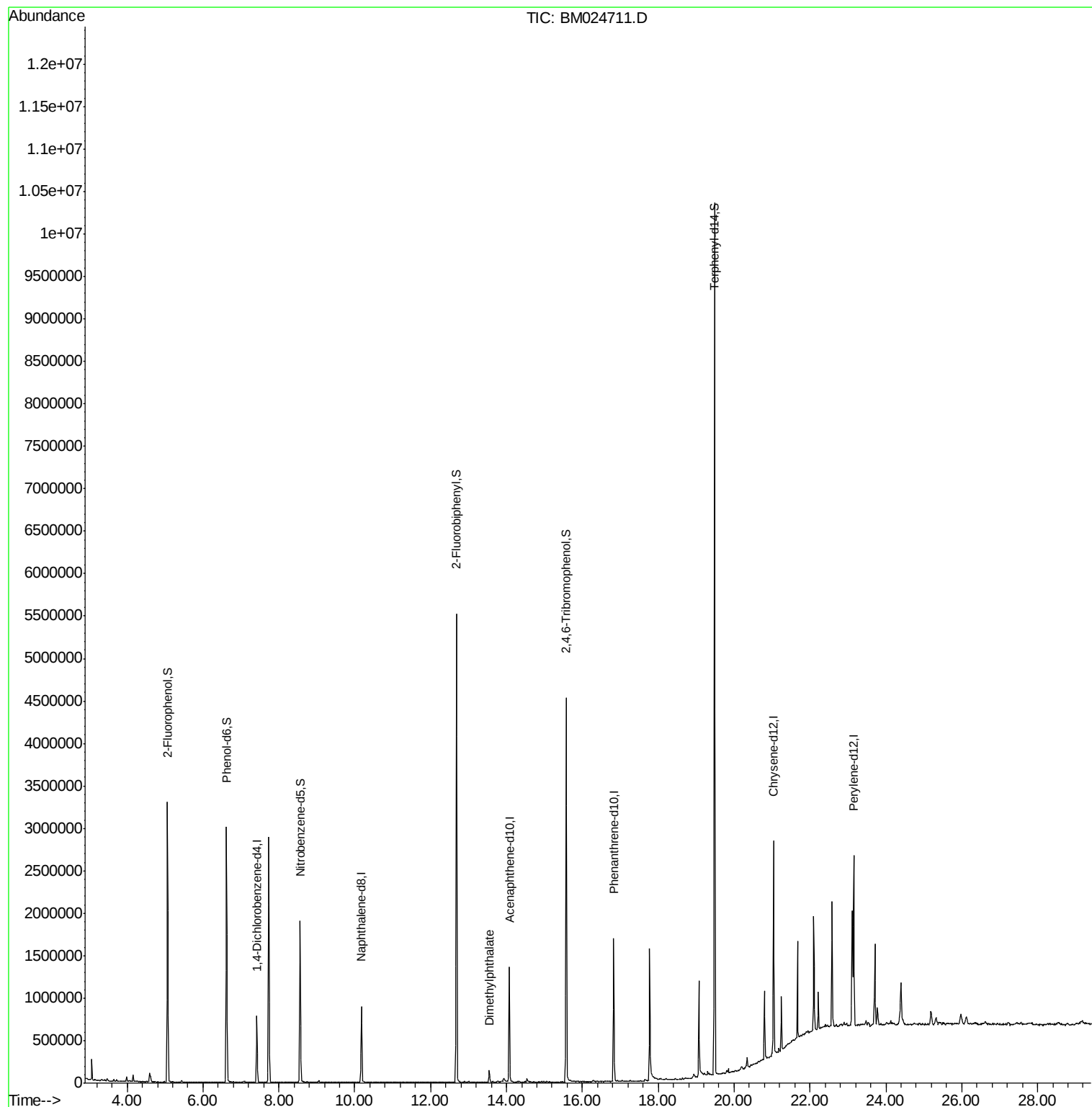
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.42	152	214213	20.00	ng	-0.02
21) Naphthalene-d8	10.18	136	779401	20.00	ng	-0.02
39) Acenaphthene-d10	14.07	164	488515	20.00	ng	-0.02
64) Phenanthrene-d10	16.83	188	1045450	20.00	ng	-0.02
76) Chrysene-d12	21.04	240	1169854	20.00	ng	-0.02
87) Perylene-d12	23.15	264	1457608	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.07	112	1428388	126.81	ng	-0.01
7) Phenol-d6	6.62	99	1713160	110.41	ng	-0.02
23) Nitrobenzene-d5	8.56	82	1117945	70.34	ng	-0.03
42) 2,4,6-Tribromophenol	15.57	330	987423	124.26	ng	-0.02
45) 2-Fluorobiphenyl	12.69	172	2954064	82.21	ng	-0.02
79) Terphenyl-d14	19.49	244	5239393	83.61	ng	-0.02
Target Compounds						
50) Dimethylphthalate	13.54	163	103338	2.616	ng	Qvalue 100

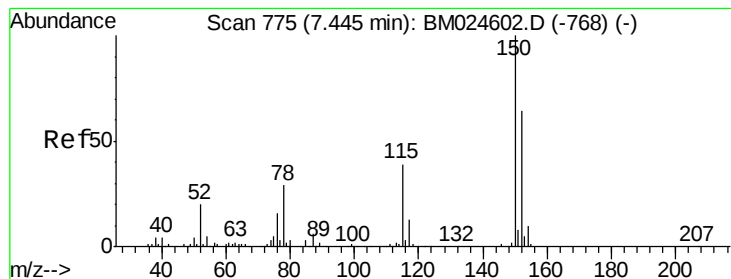
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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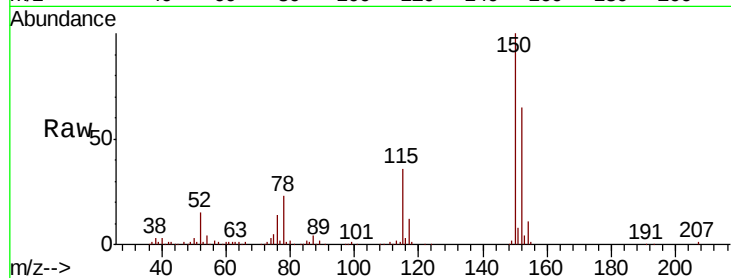


#1

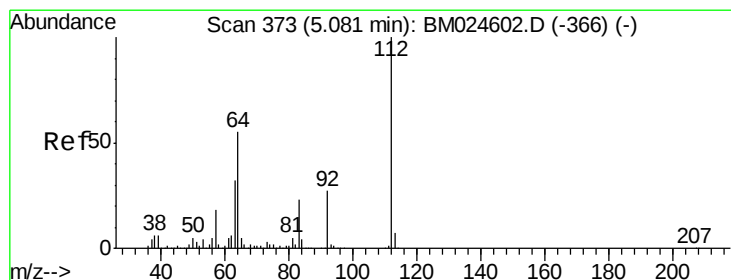
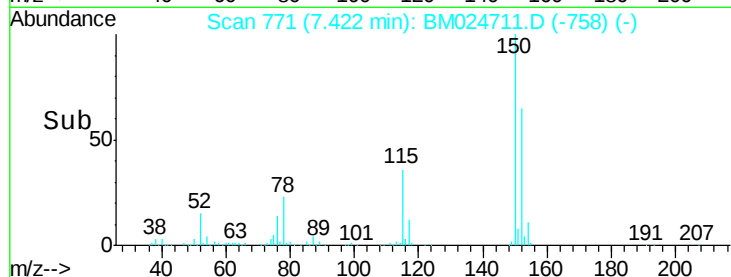
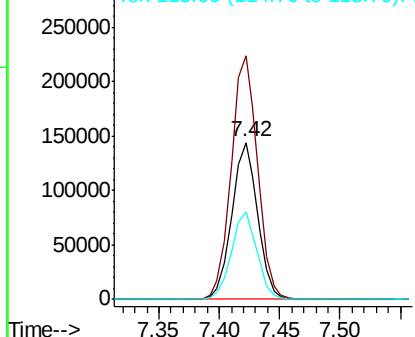
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.42 min Scan# 771
Delta R.T. -0.02 min
Lab File: BM024711.D
Acq: 04 Feb 2020 17:55

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.0	124.2	186.4
115	55.7	48.6	72.8



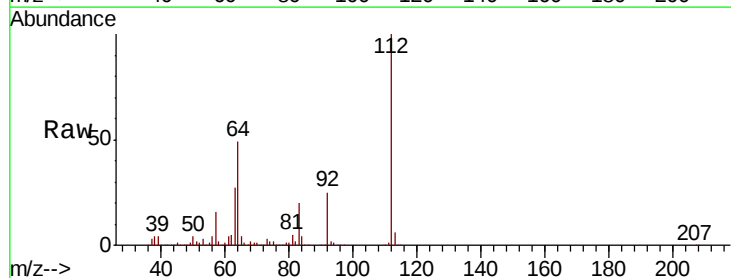
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



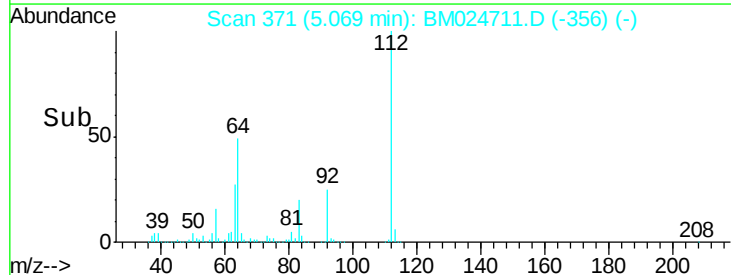
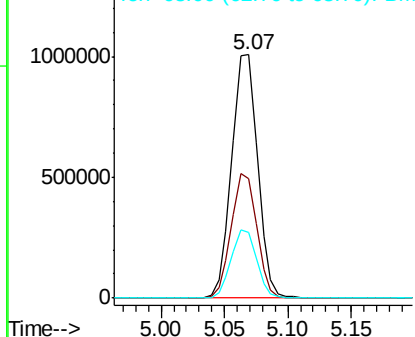
#5

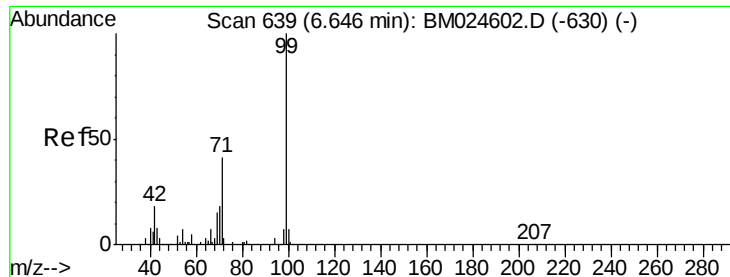
2-Fluorophenol
Concen: 126.811 ng
RT: 5.07 min Scan# 371
Delta R.T. -0.01 min
Lab File: BM024711.D
Acq: 04 Feb 2020 17:55

Tgt Ion	Ratio	Lower	Upper
112	100		
64	49.3	44.2	66.4
63	27.2	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: 110.406 ng

RT: 6.62 min Scan# 635

Delta R.T. -0.02 min

Lab File: BM024711.D

Acq: 04 Feb 2020 17:55

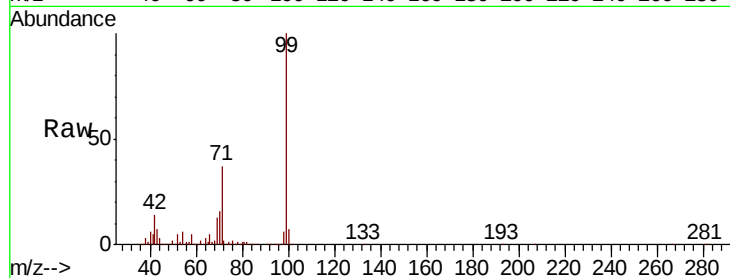
Instrument :

BNA_M

ClientSampleId :

Tot Ion: 99 Resp: 1713160

Ion	Ratio	Lower	Upper
99	100		
42	14.5	14.1	21.1
71	37.2	33.0	49.6

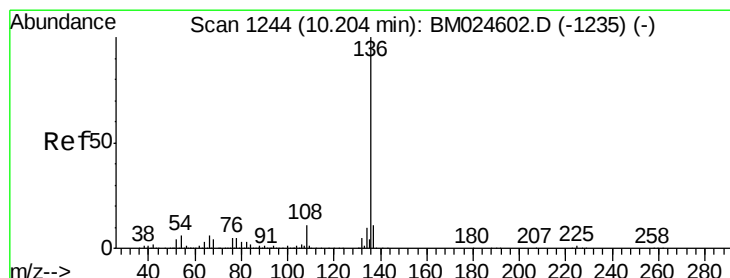
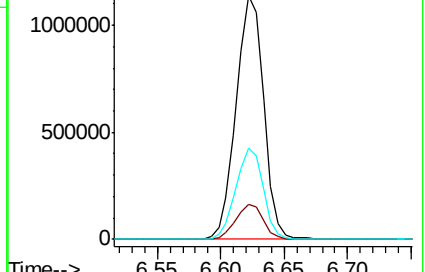
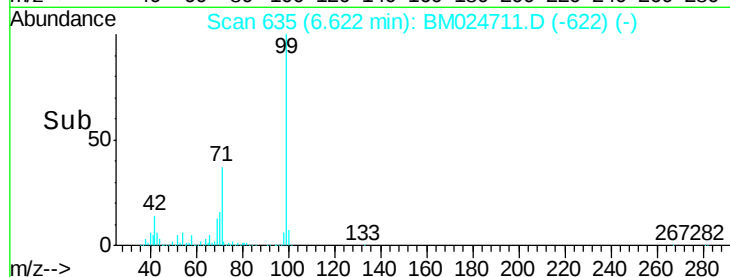


Abundance

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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.18 min Scan# 1240

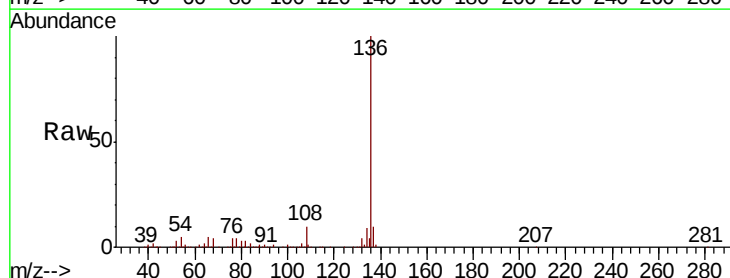
Delta R.T. -0.02 min

Lab File: BM024711.D

Acq: 04 Feb 2020 17:55

Tgt Ion: 136 Resp: 779401

Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.6	13.0
54	4.8	4.5	6.7
68	4.1	3.4	5.0



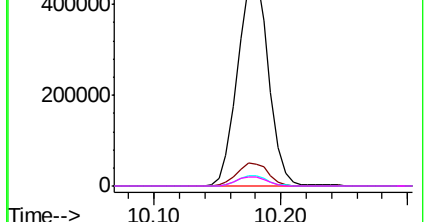
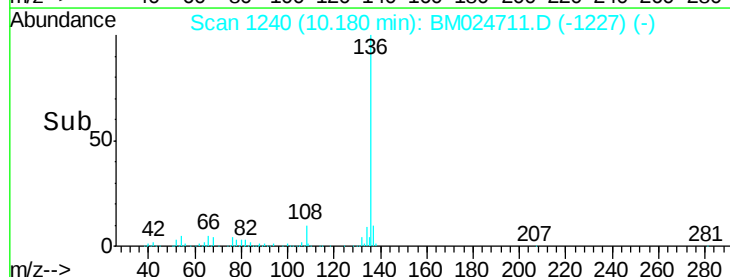
Abundance

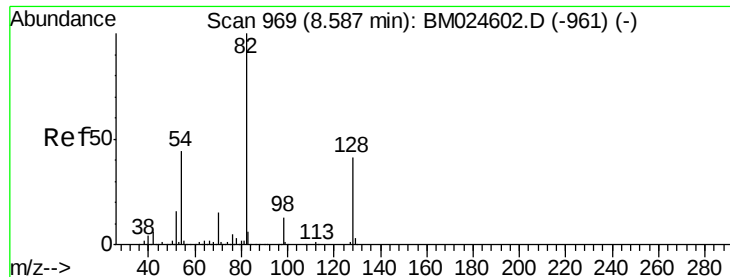
Ion 136.00 (135.70 to 136.70): E

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

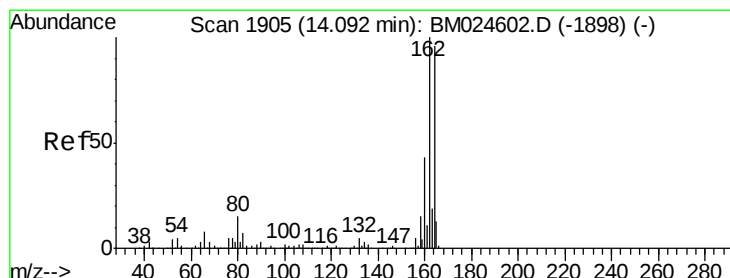
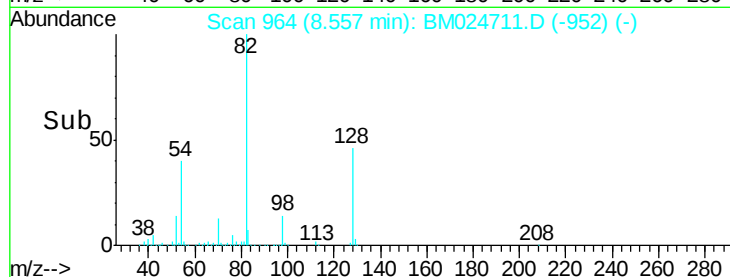
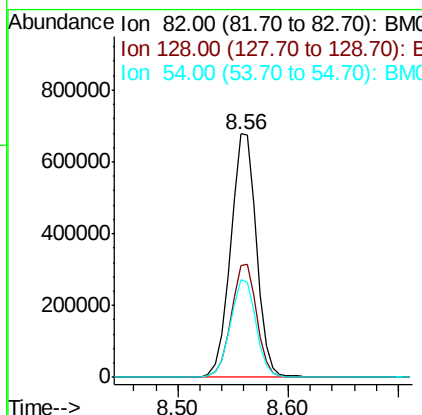
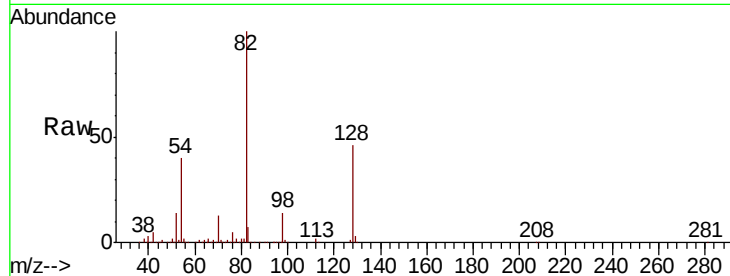




#23
Nitrobenzene-d5
Concen: 70.343 ng
RT: 8.56 min Scan# 964
Delta R.T. -0.03 min
Lab File: BM024711.D
Acq: 04 Feb 2020 17:55

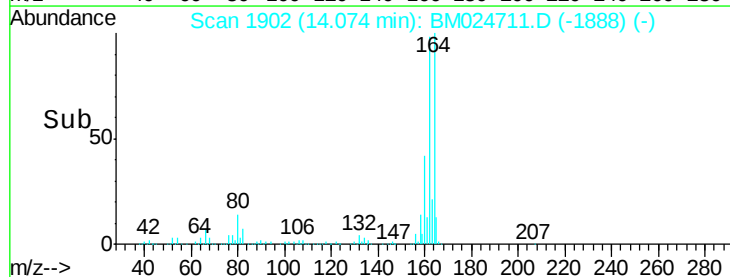
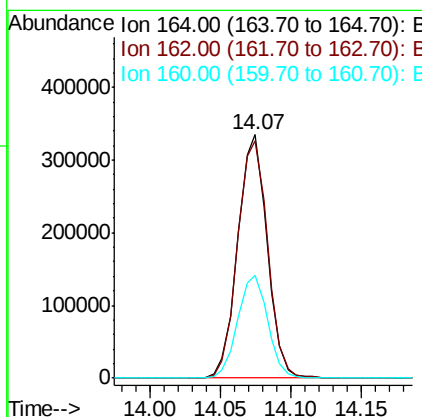
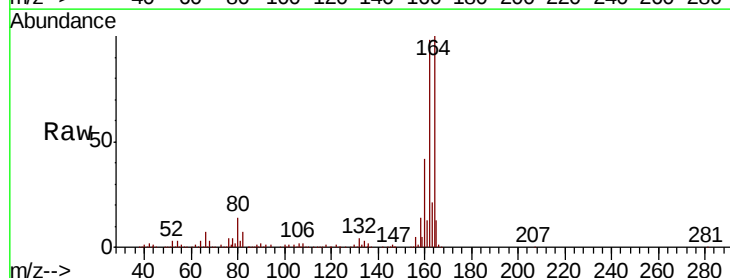
Instrument :
BNA_M
ClientSampled :

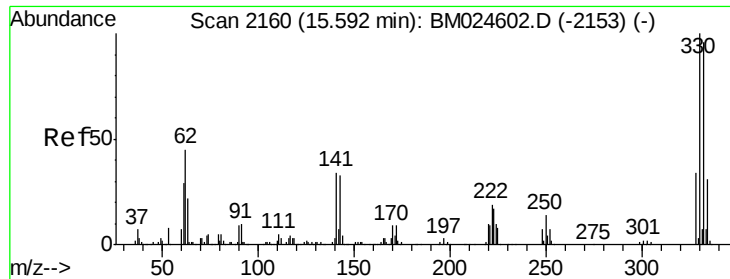
Tot Ion: 82 Resp: 1117945
Ion Ratio Lower Upper
82 100
128 45.8 32.6 48.8
54 40.0 34.8 52.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.07 min Scan# 1902
Delta R.T. -0.02 min
Lab File: BM024711.D
Acq: 04 Feb 2020 17:55

Tgt Ion:164 Resp: 488515
Ion Ratio Lower Upper
164 100
162 97.7 82.9 124.3
160 42.5 35.5 53.3

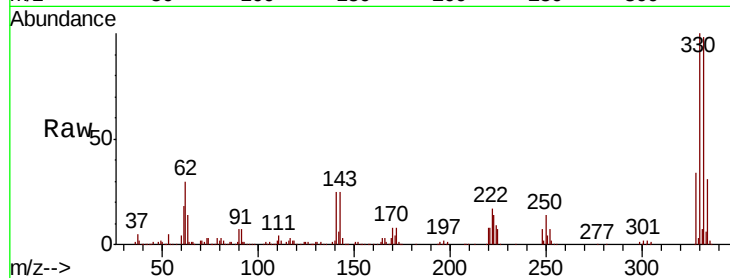




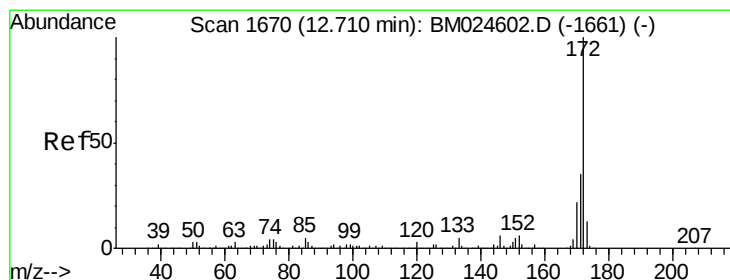
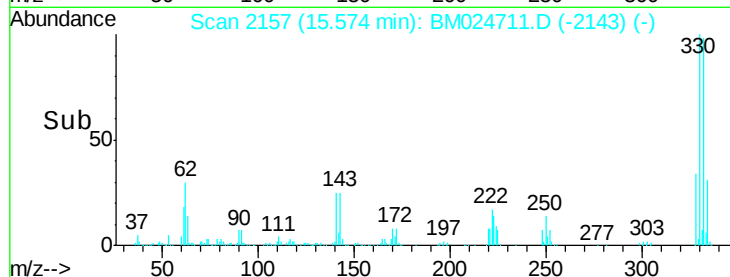
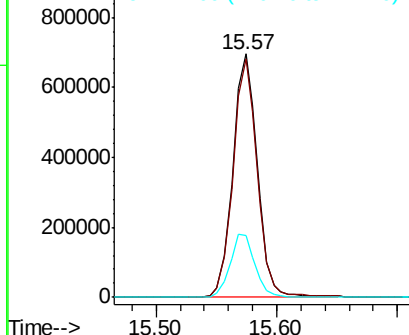
#42
 2,4,6-Tribromophenol
 Concen: 124.260 ng
 RT: 15.57 min Scan# 2157
 Delta R.T. -0.02 min
 Lab File: BM024711.D
 Acq: 04 Feb 2020 17:55

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.5	77.2	115.8
141	26.3	26.9	40.3

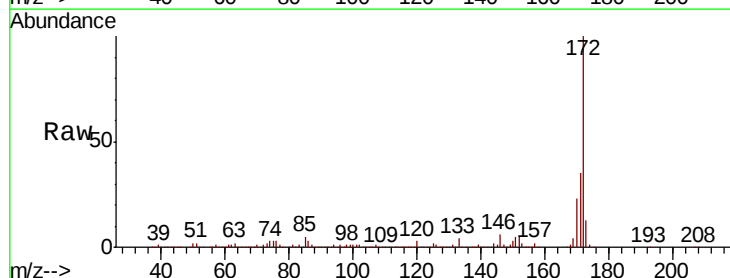


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

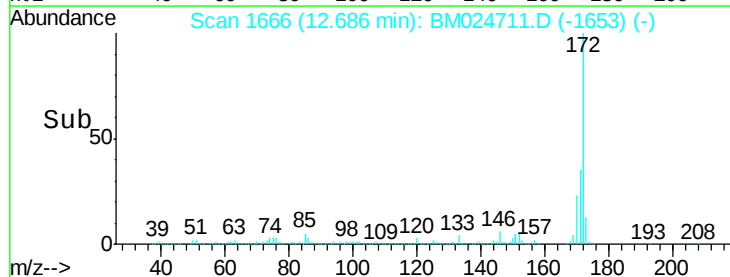
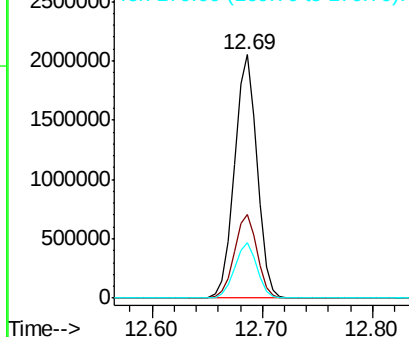


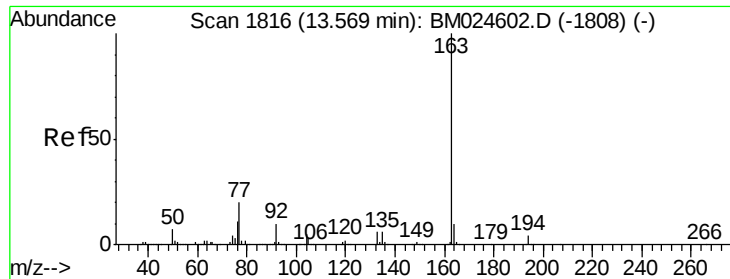
#45
 2-Fluorobiphenyl
 Concen: 82.210 ng
 RT: 12.69 min Scan# 1666
 Delta R.T. -0.02 min
 Lab File: BM024711.D
 Acq: 04 Feb 2020 17:55

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.6	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





#50

Dimethylphthalate

Concen: 2.616 ng

RT: 13.54 min Scan# 1812

Delta R.T. -0.02 min

Lab File: BM024711.D

Acq: 04 Feb 2020 17:55

Instrument :

BNA_M

ClientSampleId :

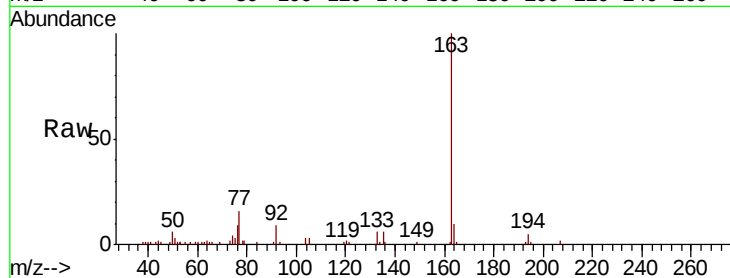
Tot Ion:163 Resp: 103338

Ion Ratio Lower Upper

163 100

194 4.6 3.4 5.0

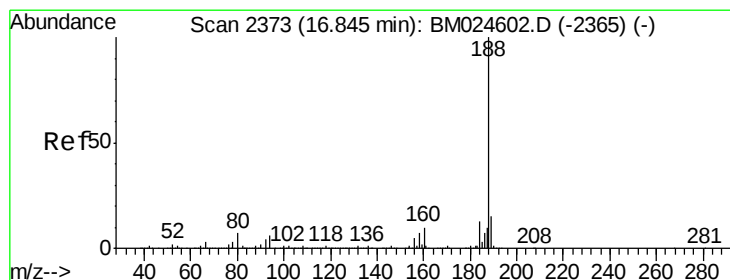
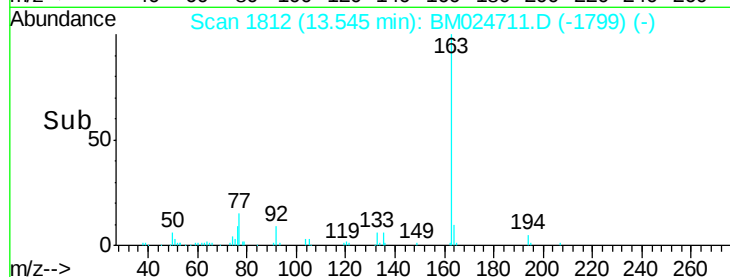
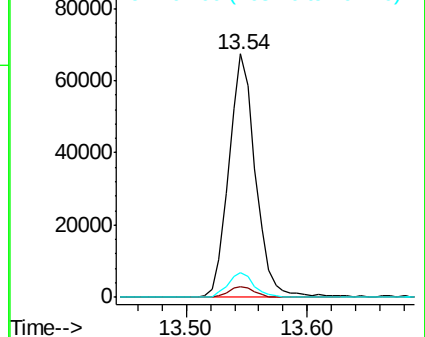
164 9.9 8.0 12.0



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# 2370

Delta R.T. -0.02 min

Lab File: BM024711.D

Acq: 04 Feb 2020 17:55

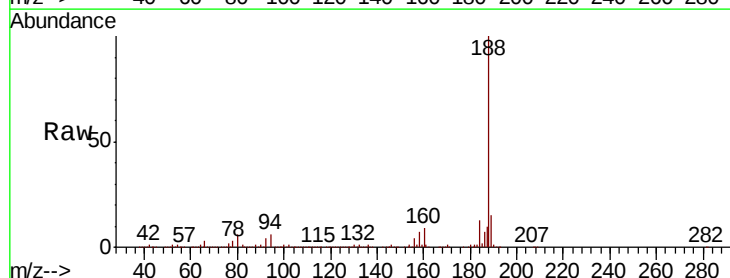
Tgt Ion:188 Resp: 1045450

Ion Ratio Lower Upper

188 100

94 6.0 5.0 7.6

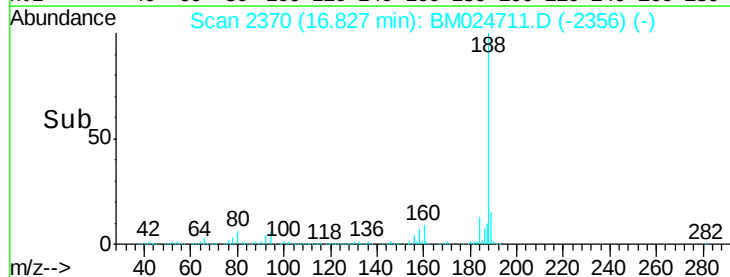
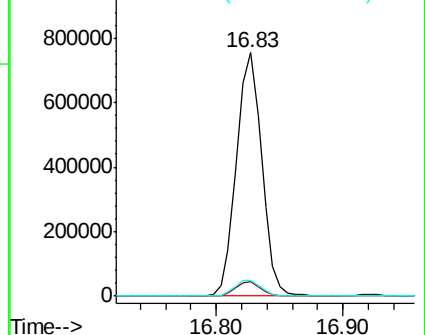
80 6.3 5.8 8.8

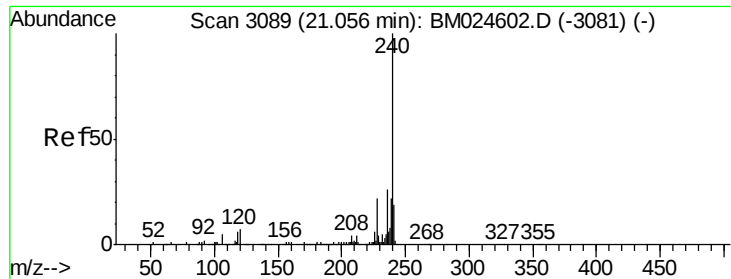


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0

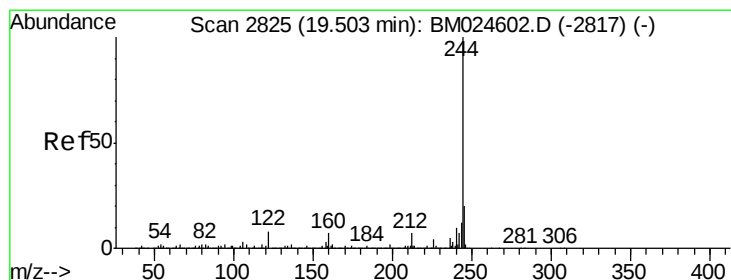
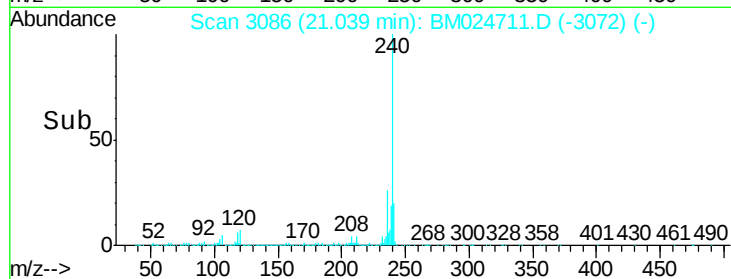
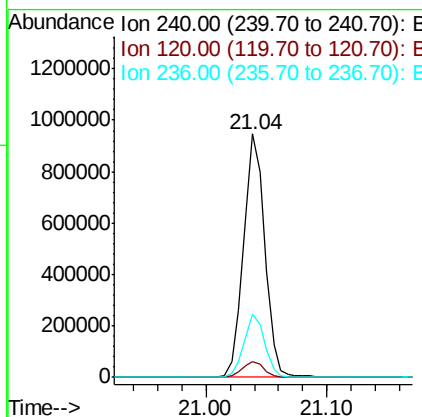
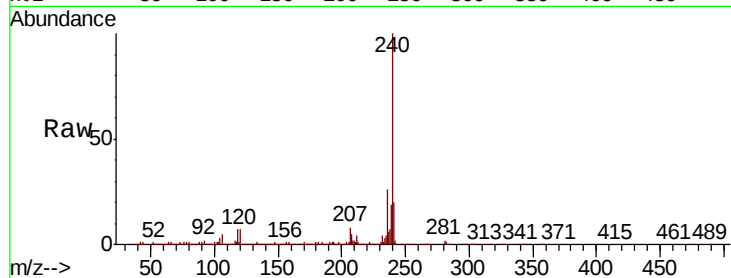




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.04 min Scan# 3086
Delta R.T. -0.02 min
Lab File: BM024711.D
Acq: 04 Feb 2020 17:55

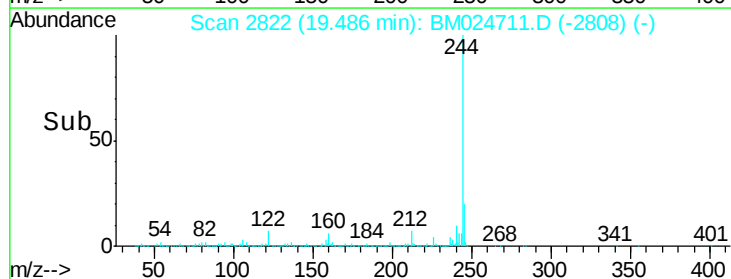
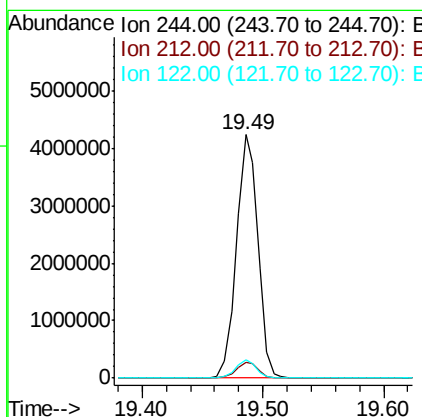
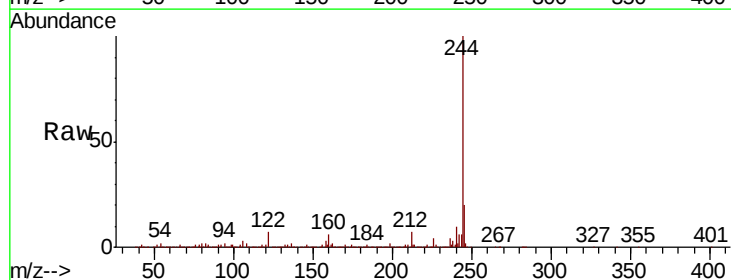
Instrument :
BNA_M
ClientSampleId :

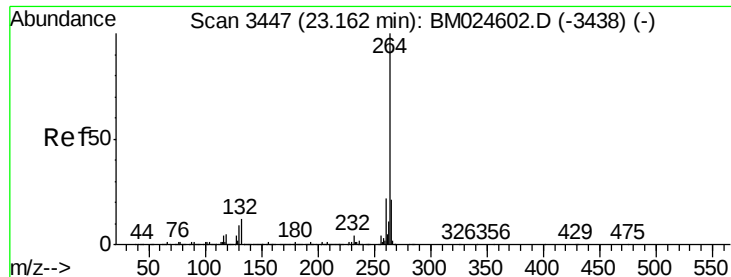
Tot Ion:240 Resp: 1169854
Ion Ratio Lower Upper
240 100
120 6.6 5.3 7.9
236 26.2 20.6 31.0



#79
Terphenyl-d14
Concen: 83.612 ng
RT: 19.49 min Scan# 2822
Delta R.T. -0.02 min
Lab File: BM024711.D
Acq: 04 Feb 2020 17:55

Tgt Ion:244 Resp: 5239393
Ion Ratio Lower Upper
244 100
212 6.6 5.4 8.2
122 7.4 6.2 9.4



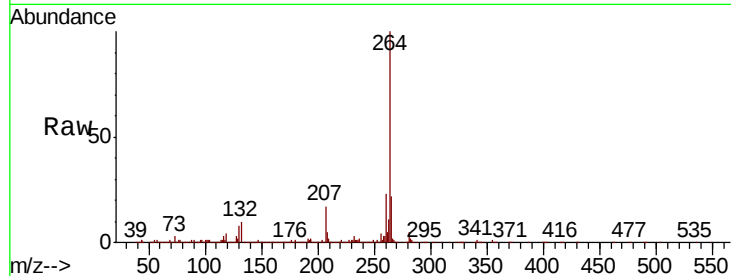


#87
Pervlene-d12
Concen: 20.000 ng
RT: 23.15 min Scan# 3445
Delta R.T. -0.01 min
Lab File: BM024711.D
Acq: 04 Feb 2020 17:55

Instrument :
BNA_M
ClientSampleId :

Tot Ion:264 Resp: 1457608

Ion	Ratio	Lower	Upper
264	100		
260	23.0	17.9	26.9
265	21.6	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

