

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM020320\
 Data File : BM024697.D
 Acq On : 03 Feb 2020 13:58
 Operator : CG/JU
 Sample : L1320-01
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Feb 04 02:58:28 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

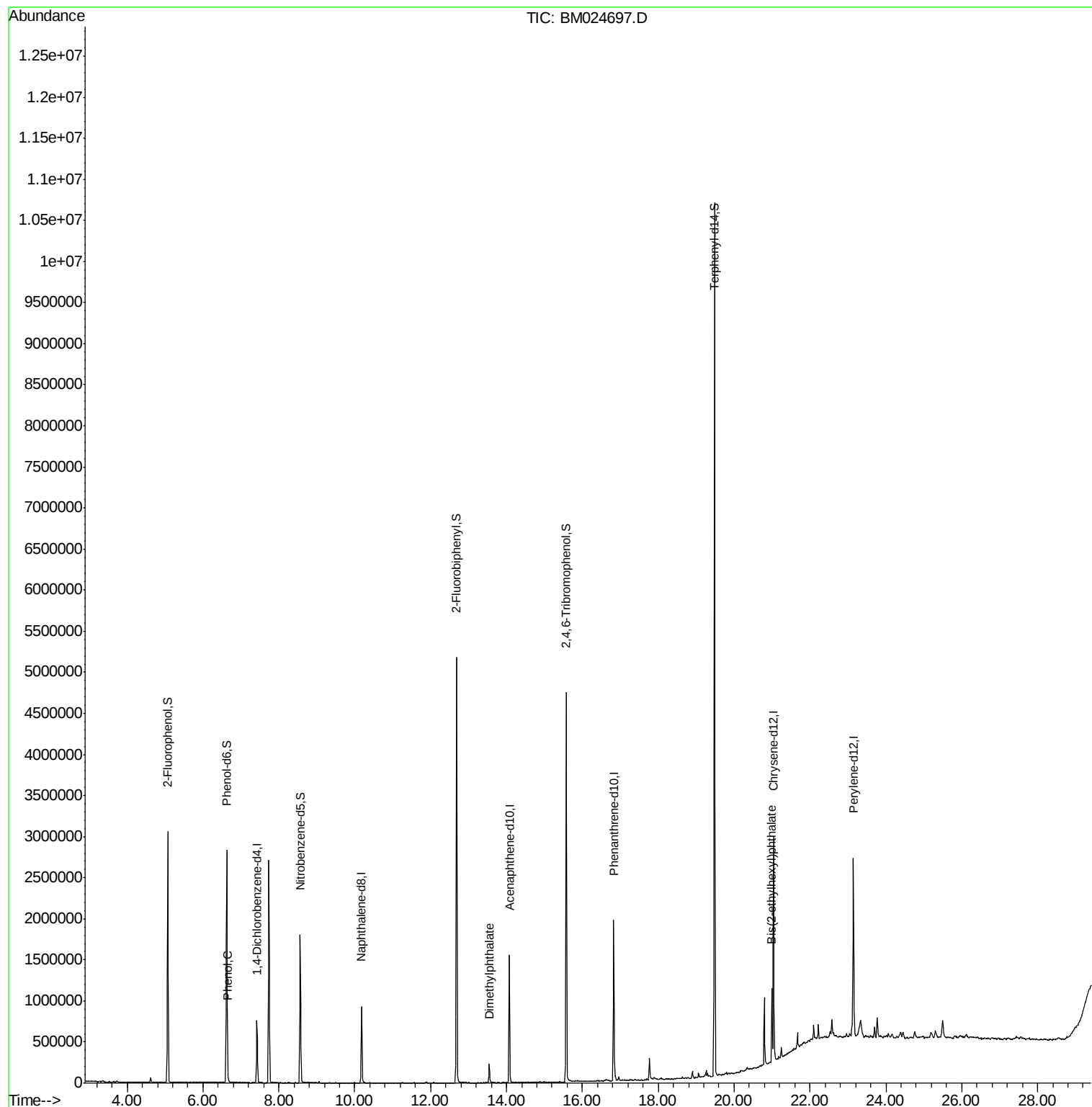
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.42	152	220426	20.00	ng	-0.02
21) Naphthalene-d8	10.18	136	785164	20.00	ng	-0.02
39) Acenaphthene-d10	14.07	164	526590	20.00	ng	-0.02
64) Phenanthrene-d10	16.83	188	1199636	20.00	ng	-0.02
76) Chrysene-d12	21.04	240	1294551	20.00	ng	-0.02
87) Perylene-d12	23.14	264	1564484	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.07	112	1268262	109.42	ng	-0.01
7) Phenol-d6	6.63	99	1570937	98.39	ng	-0.02
23) Nitrobenzene-d5	8.56	82	1012074	63.21	ng	-0.02
42) 2,4,6-Tribromophenol	15.57	330	957518	111.78	ng	-0.02
45) 2-Fluorobiphenyl	12.69	172	2800156	72.29	ng	-0.02
79) Terphenyl-d14	19.49	244	5333961	76.92	ng	-0.02
Target Compounds						
10) Phenol	6.65	94	57703	3.625	ng	95
50) Dimethylphthalate	13.54	163	161471	3.792	ng	100
84) Bis(2-ethylhexyl)phthalate	21.00	149	306964	5.809	ng	96

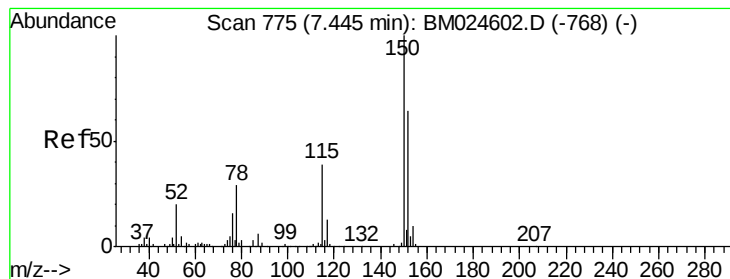
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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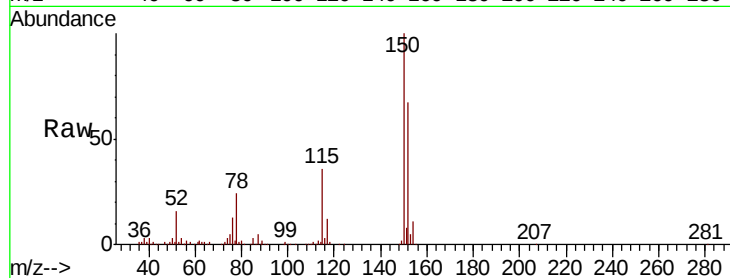


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.42 min Scan# 771
Delta R.T. -0.02 min
Lab File: BM024697.D
Acq: 03 Feb 2020 13:58

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	150.1	124.2	186.4
115	54.3	48.6	72.8

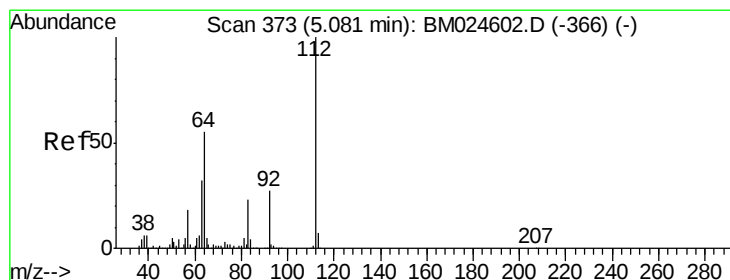
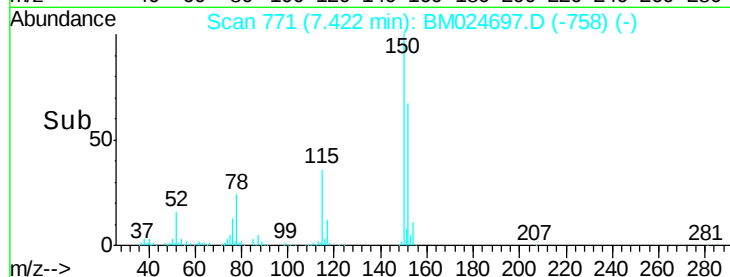
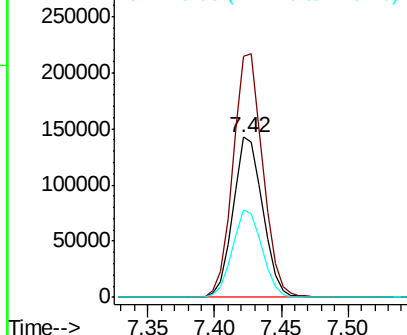


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

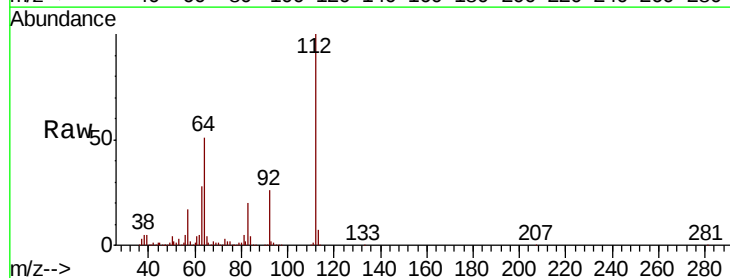
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 109.421 ng
RT: 5.07 min Scan# 371
Delta R.T. -0.01 min
Lab File: BM024697.D
Acq: 03 Feb 2020 13:58

Tgt Ion	Ratio	Lower	Upper
112	100		
64	50.6	44.2	66.4
63	28.0	25.9	38.9

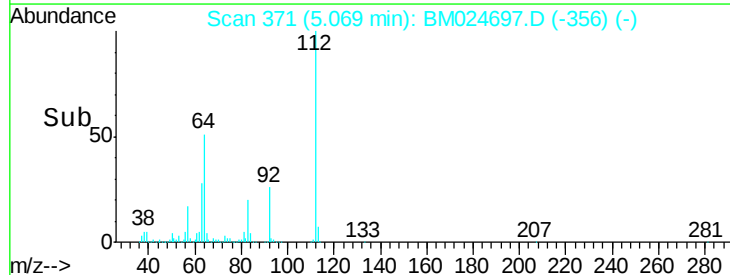
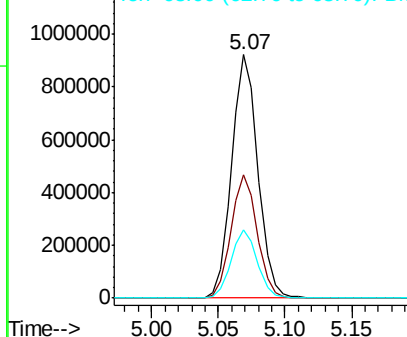


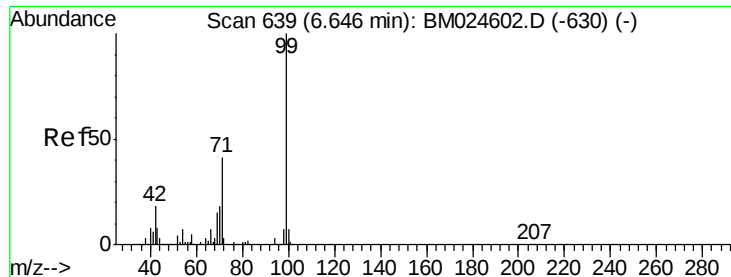
Abundance

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: 98.387 ng

RT: 6.63 min Scan# 636

Delta R.T. -0.02 min

Lab File: BM024697.D

Acq: 03 Feb 2020 13:58

Instrument :

BNA_M

ClientSampleId :

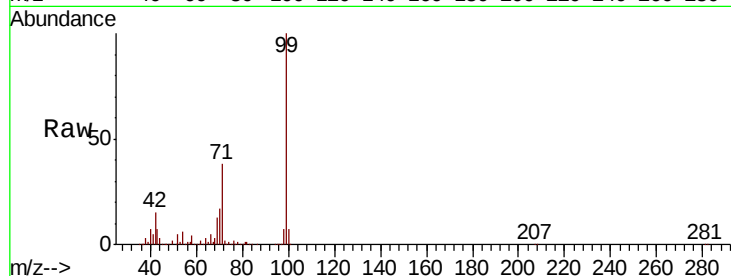
Tot Ion: 99 Resp: 1570937

Ion Ratio Lower Upper

99 100

42 14.9 14.1 21.1

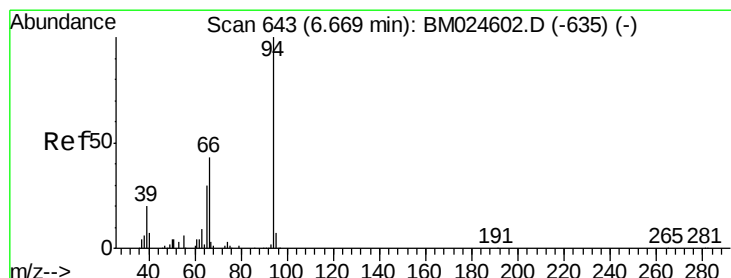
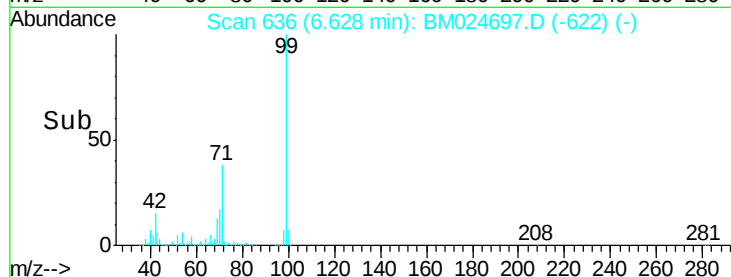
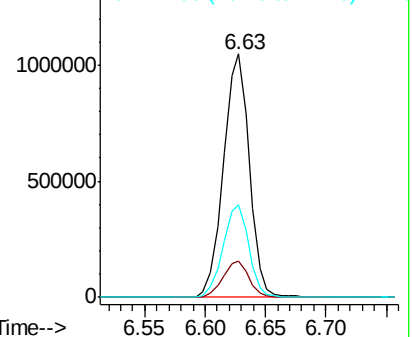
71 37.9 33.0 49.6



Abundance Ion 99.00 (98.70 to 99.70): BM024697.D (-622) (-)

Ion 42.00 (41.70 to 42.70): BM024697.D (-622) (-)

Ion 71.00 (70.70 to 71.70): BM024697.D (-622) (-)



#10

Phenol

Concen: 3.625 ng

RT: 6.65 min Scan# 640

Delta R.T. -0.02 min

Lab File: BM024697.D

Acq: 03 Feb 2020 13:58

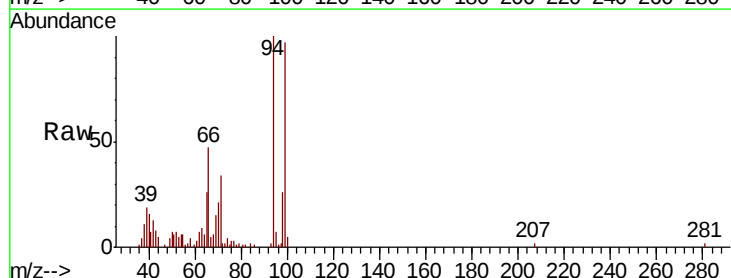
Tgt Ion: 94 Resp: 57703

Ion Ratio Lower Upper

94 100

65 26.3 10.3 50.3

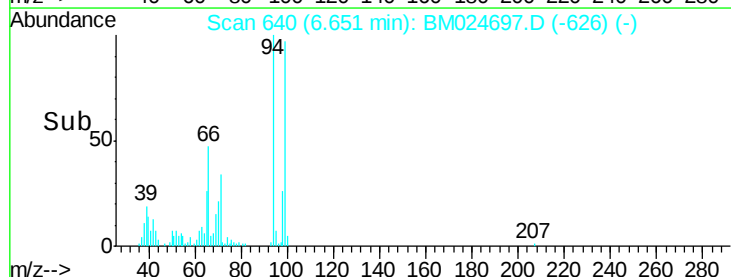
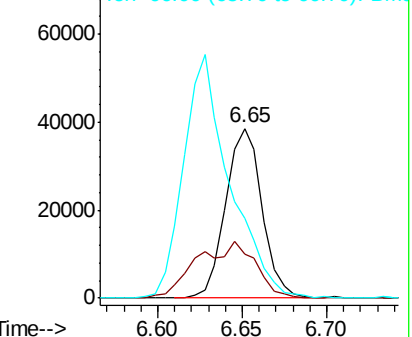
66 47.4 24.8 64.8

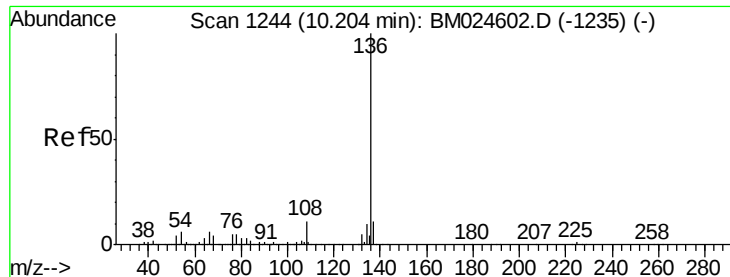


Abundance Ion 94.00 (93.70 to 94.70): BM024697.D (-626) (-)

Ion 65.00 (64.70 to 65.70): BM024697.D (-626) (-)

Ion 66.00 (65.70 to 66.70): BM024697.D (-626) (-)

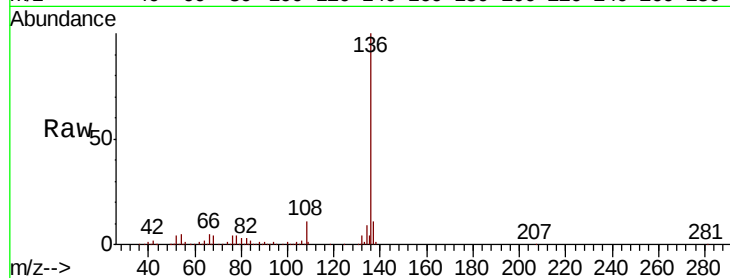




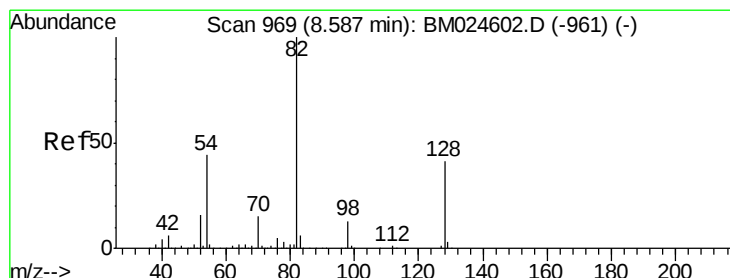
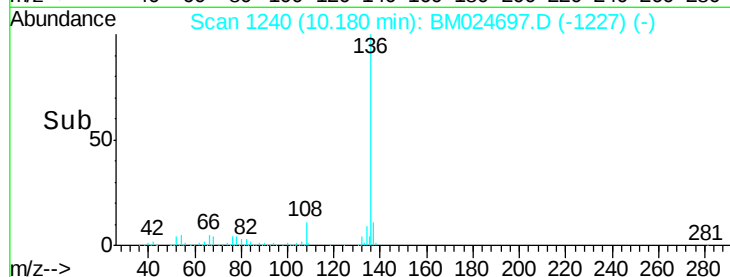
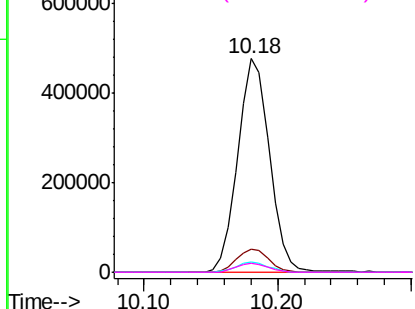
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.18 min Scan# 1240
Delta R.T. -0.02 min
Lab File: BM024697.D
Acq: 03 Feb 2020 13:58

Instrument :
BNA_M
ClientSampleId :

Tot Ion:136	Resp:	785164
Ion	Ratio	Lower Upper
136	100	
137	10.9	8.6 13.0
54	5.0	4.5 6.7
68	4.3	3.4 5.0

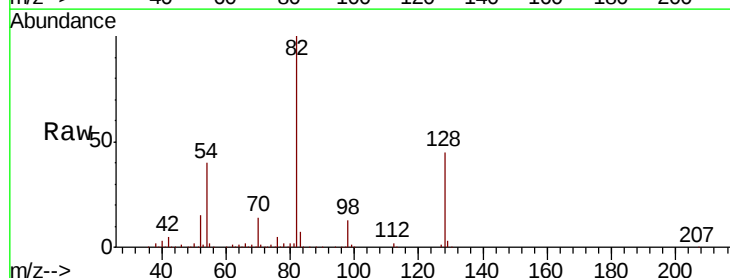


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BM
Ion 68.00 (67.70 to 68.70): BM

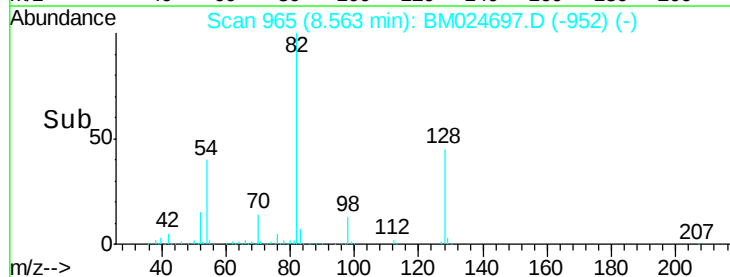
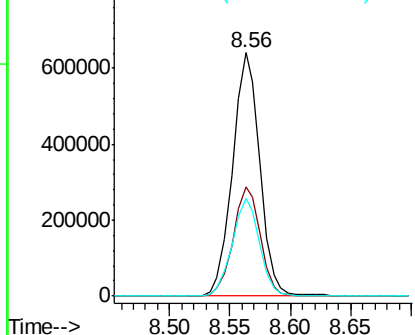


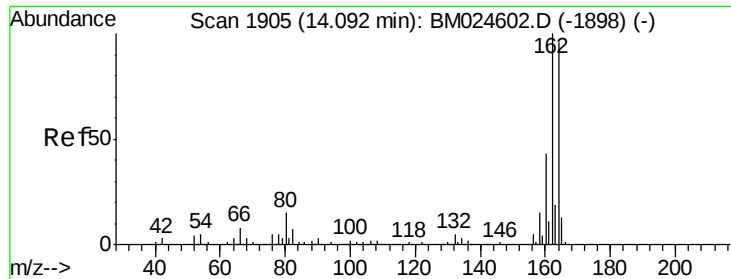
#23
Nitrobenzene-d5
Concen: 63.214 ng
RT: 8.56 min Scan# 965
Delta R.T. -0.02 min
Lab File: BM024697.D
Acq: 03 Feb 2020 13:58

Tgt Ion: 82	Resp:	1012074
Ion	Ratio	Lower Upper
82	100	
128	45.0	32.6 48.8
54	40.3	34.8 52.2



Abundance Ion 82.00 (81.70 to 82.70): BM
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BM

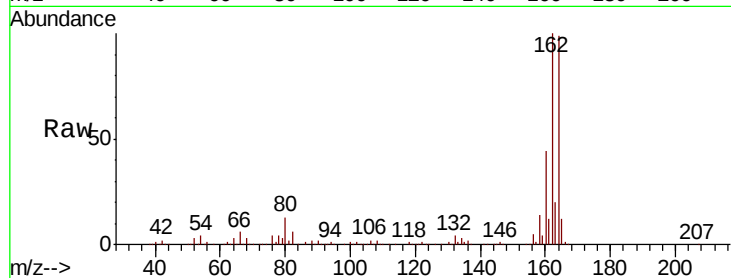




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.07 min Scan# 1902
Delta R.T. -0.02 min
Lab File: BM024697.D
Acq: 03 Feb 2020 13:58

Instrument :
BNA_M
ClientSampled :

Tot Ion	Ratio	Lower	Upper
164	100		
162	101.5	82.9	124.3
160	44.2	35.5	53.3

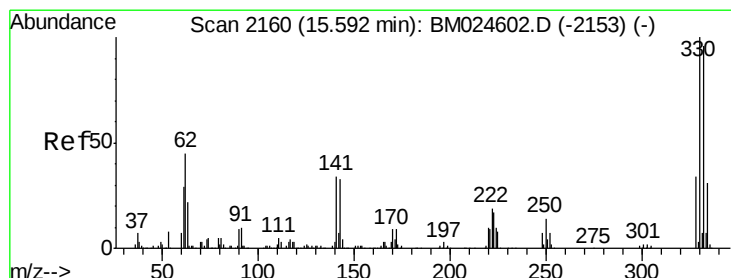
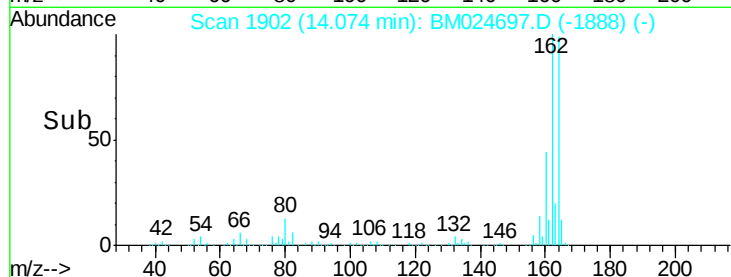
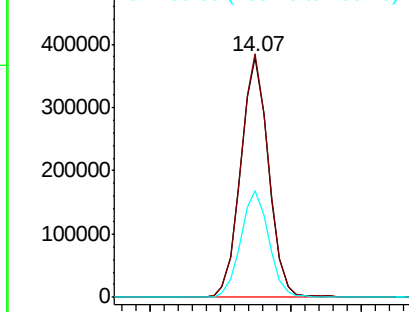


Abundance

Ion 164.00 (163.70 to 164.70): E

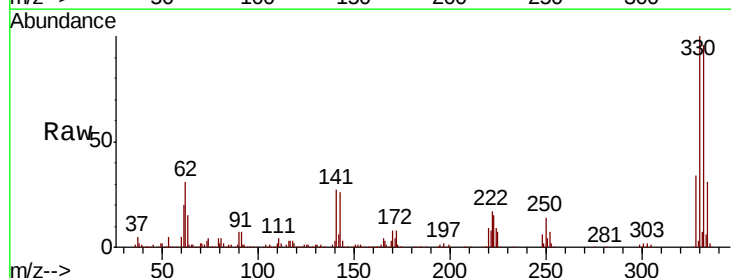
Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#42
2,4,6-Tribromophenol
Concen: 111.784 ng
RT: 15.57 min Scan# 2157
Delta R.T. -0.02 min
Lab File: BM024697.D
Acq: 03 Feb 2020 13:58

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.2	77.2	115.8
141	27.7	26.9	40.3

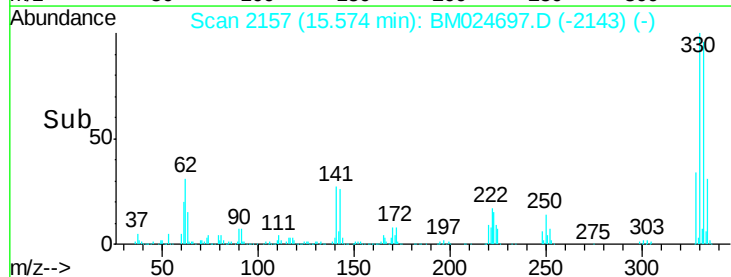
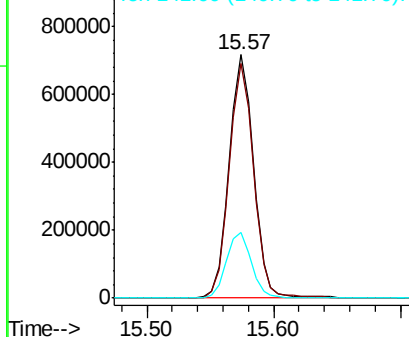


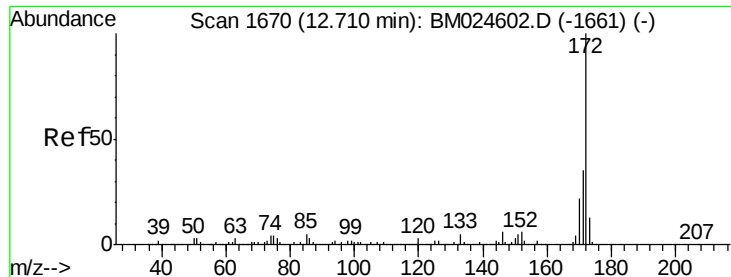
Abundance

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

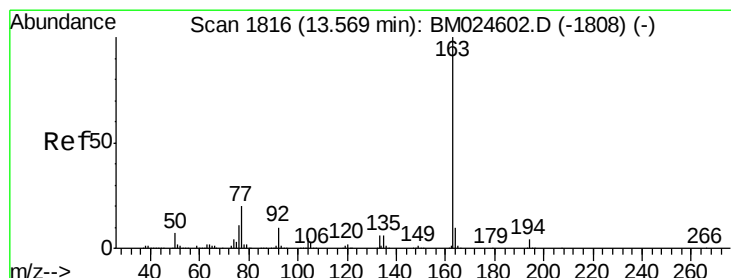
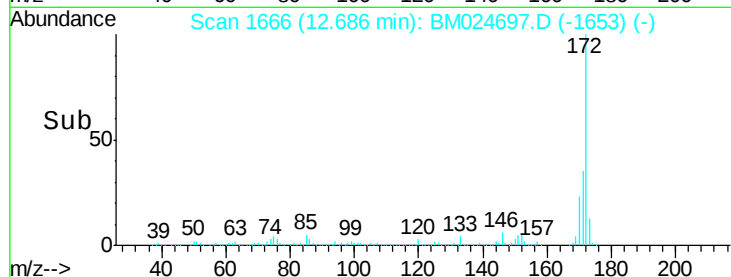
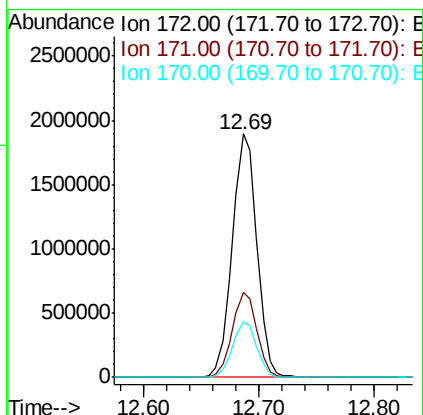
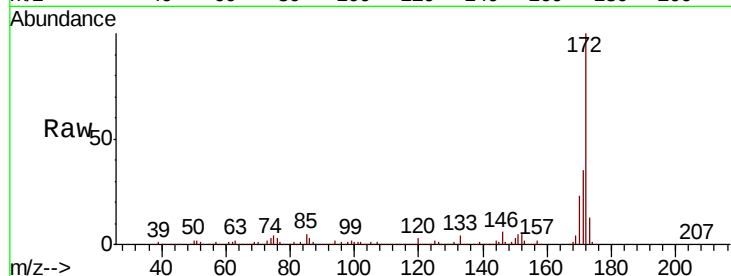




#45
2-Fluorobiphenyl
Concen: 72.292 ng
RT: 12.69 min Scan# 1666
Delta R.T. -0.02 min
Lab File: BM024697.D
Acq: 03 Feb 2020 13:58

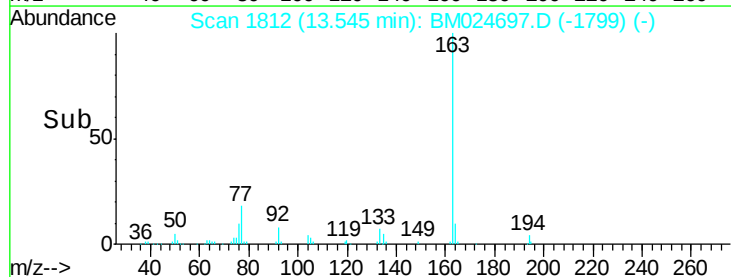
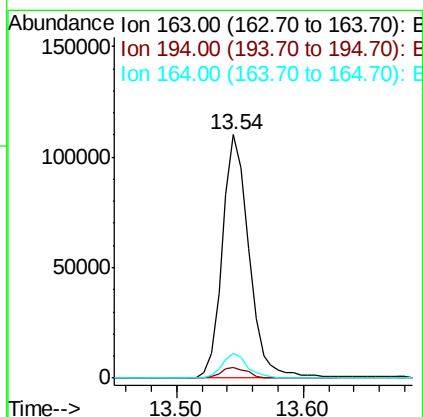
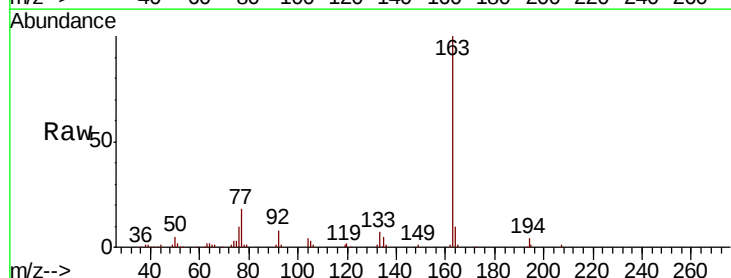
Instrument :
BNA_M
ClientSampleId :

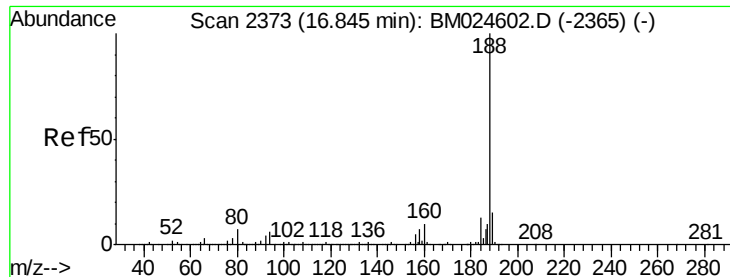
Tot Ion:172 Resp: 2800156
Ion Ratio Lower Upper
172 100
171 35.0 28.3 42.5
170 22.8 17.9 26.9



#50
Dimethylphthalate
Concen: 3.792 ng
RT: 13.54 min Scan# 1812
Delta R.T. -0.02 min
Lab File: BM024697.D
Acq: 03 Feb 2020 13:58

Tgt Ion:163 Resp: 161471
Ion Ratio Lower Upper
163 100
194 4.1 3.4 5.0
164 10.0 8.0 12.0

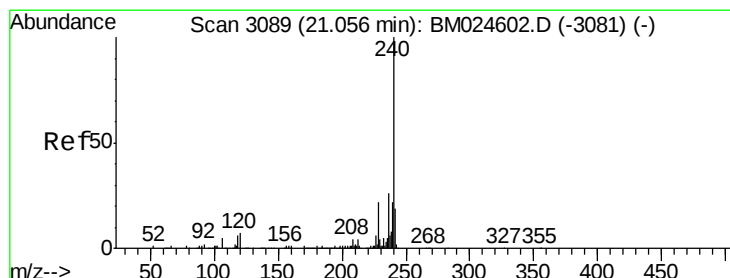
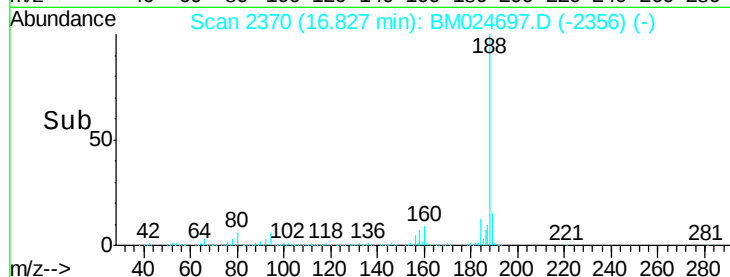
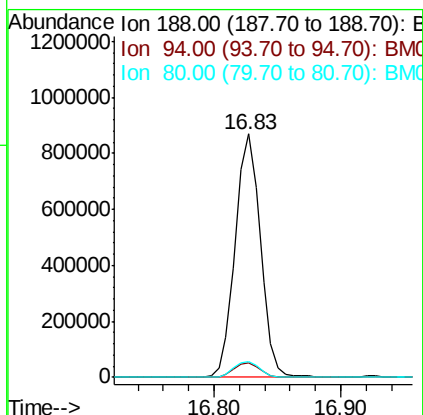
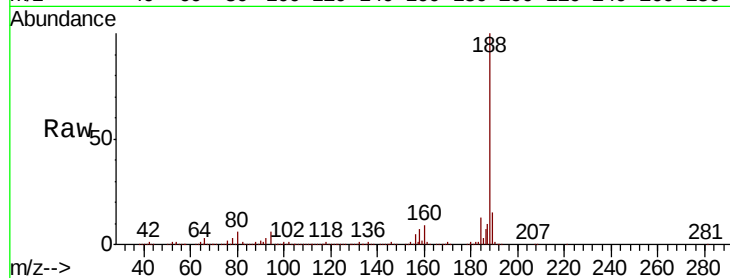




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.83 min Scan# 2370
Delta R.T. -0.02 min
Lab File: BM024697.D
Acq: 03 Feb 2020 13:58

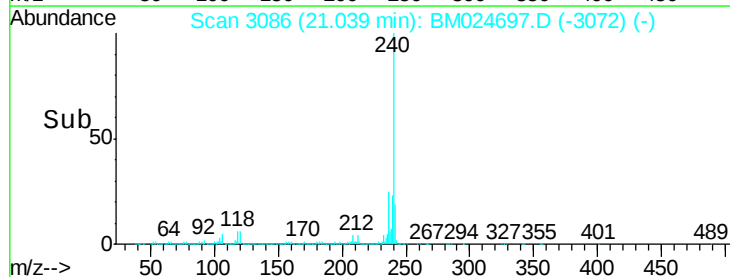
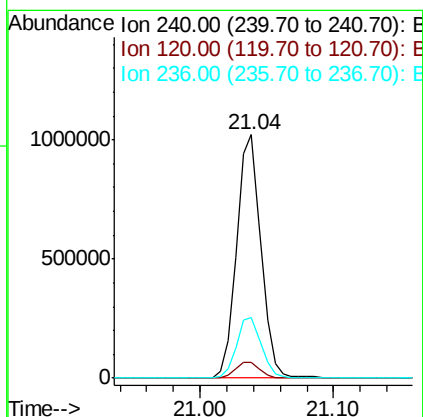
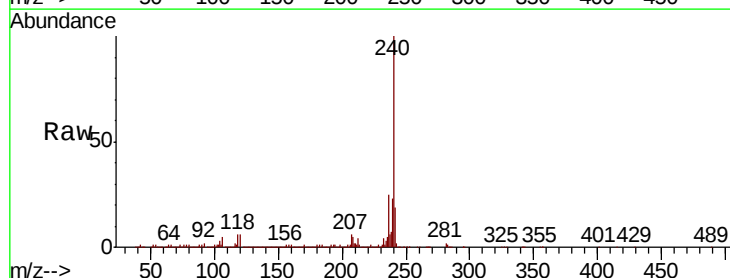
Instrument :
BNA_M
ClientSampled :

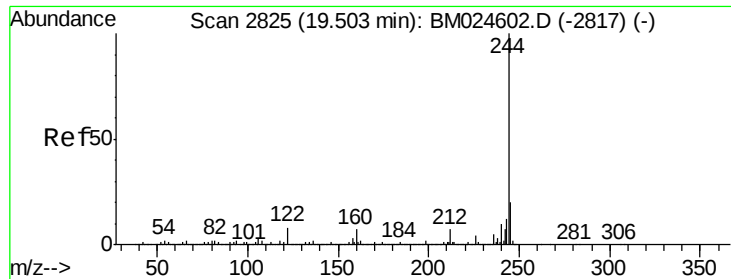
Tot Ion:188 Resp: 1199636
Ion Ratio Lower Upper
188 100
94 5.8 5.0 7.6
80 6.3 5.8 8.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.04 min Scan# 3086
Delta R.T. -0.02 min
Lab File: BM024697.D
Acq: 03 Feb 2020 13:58

Tgt Ion:240 Resp: 1294551
Ion Ratio Lower Upper
240 100
120 6.4 5.3 7.9
236 25.0 20.6 31.0





#79

Terphenyl-d14

Concen: 76.922 ng

RT: 19.49 min Scan# 2822

Delta R.T. -0.02 min

Lab File: BM024697.D

Acq: 03 Feb 2020 13:58

Instrument :

BNA_M

ClientSampled :

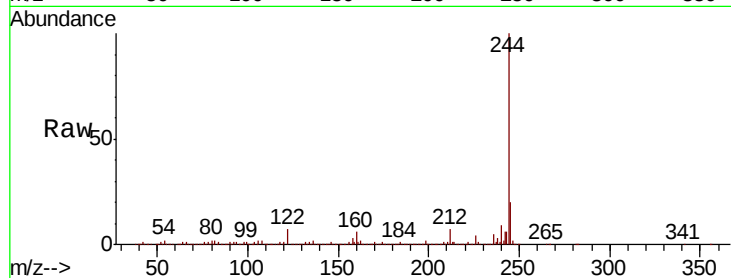
Tot Ion:244 Resp: 5333961

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.2

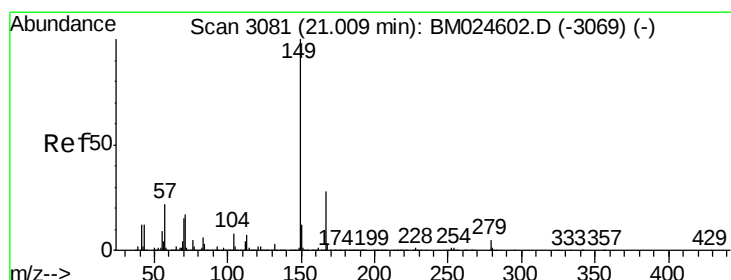
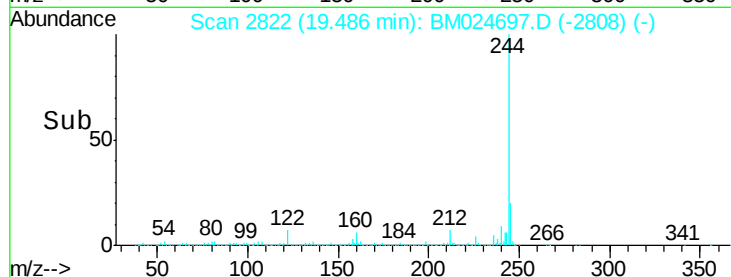
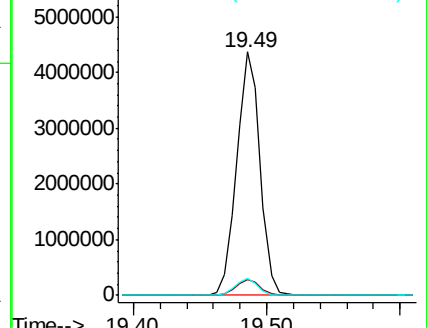
122 7.2 6.2 9.4



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



#84

Bis(2-ethylhexyl)phthalate

Concen: 5.809 ng

RT: 21.00 min Scan# 3079

Delta R.T. -0.01 min

Lab File: BM024697.D

Acq: 03 Feb 2020 13:58

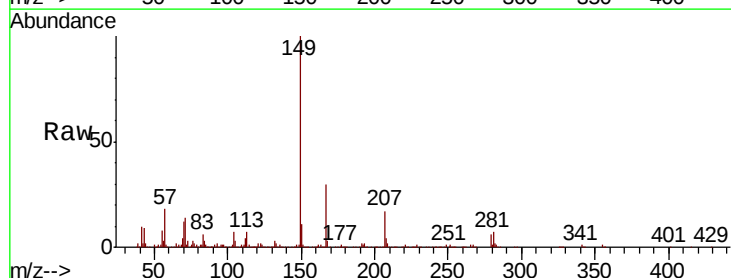
Tgt Ion:149 Resp: 306964

Ion Ratio Lower Upper

149 100

167 30.3 22.5 33.7

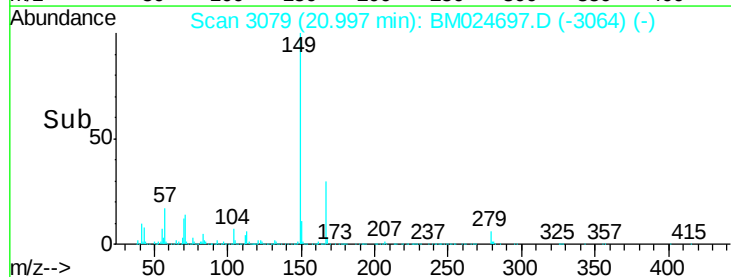
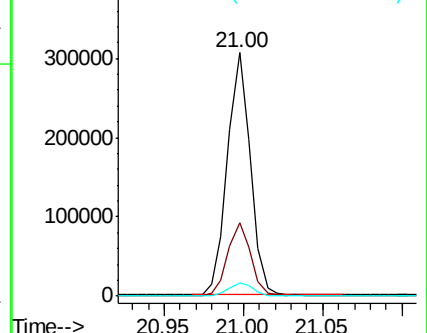
279 5.6 4.0 6.0

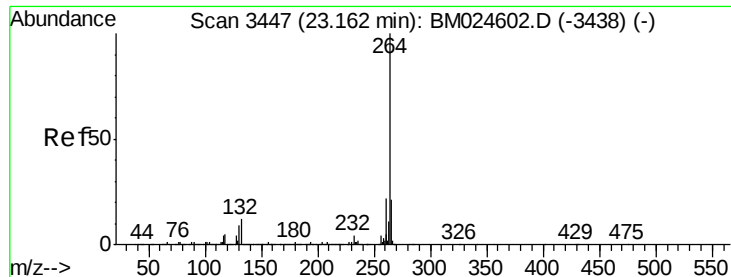


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



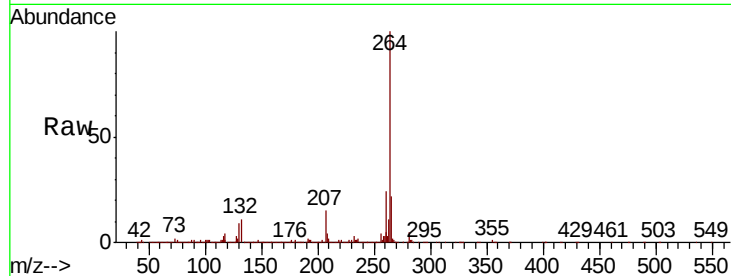


#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 23.14 min Scan# 3444
 Delta R.T. -0.02 min
 Lab File: BM024697.D
 Acq: 03 Feb 2020 13:58

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:264 Resp: 1564484

Ion	Ratio	Lower	Upper
264	100		
260	23.6	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

