

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM012920\
 Data File : BM024651.D
 Acq On : 29 Jan 2020 15:41
 Operator : CG/JU
 Sample : PB126427BL
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB126427BL

Quant Time: Jan 30 02:55:23 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	7.44	152	300878	20.00	ng	0.00
21) Naphthalene-d8	10.20	136	1130469	20.00	ng	0.00
39) Acenaphthene-d10	14.09	164	775854	20.00	ng	0.00
64) Phenanthrene-d10	16.84	188	1672738	20.00	ng	0.00
76) Chrysene-d12	21.04	240	1398560	20.00	ng	-0.01
87) Perylene-d12	23.16	264	1347389	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.09	112	2429534	153.56	ng	0.00
7) Phenol-d6	6.65	99	3000343	137.66	ng	0.00
23) Nitrobenzene-d5	8.58	82	1909235	82.83	ng	0.00
42) 2,4,6-Tribromophenol	15.59	330	1723783	136.59	ng	0.00
45) 2-Fluorobiphenyl	12.70	172	5444988	95.41	ng	0.00
79) Terphenyl-d14	19.50	244	8982875	119.91	ng	0.00

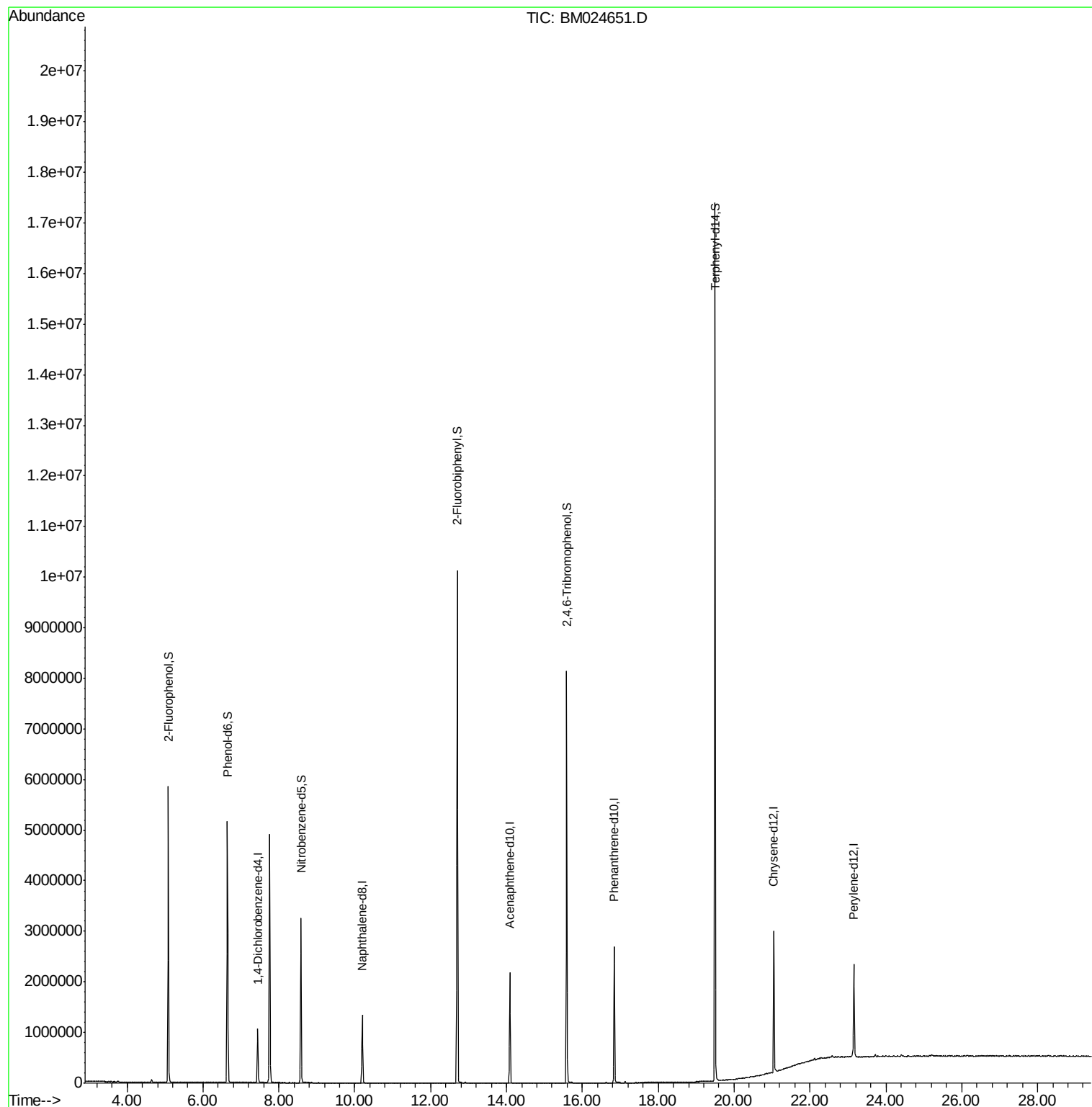
Target Compounds Qvalue

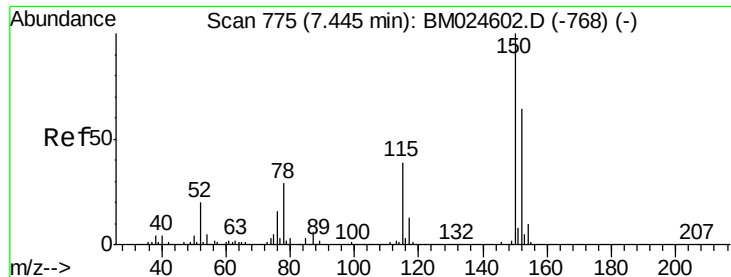
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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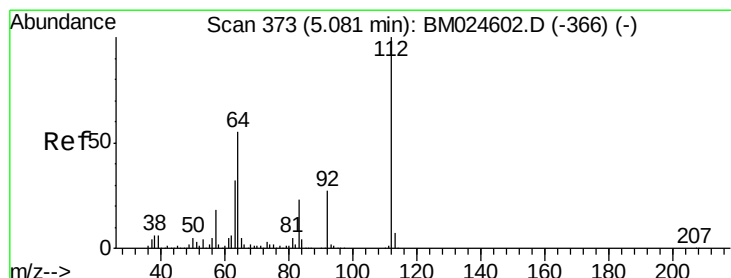
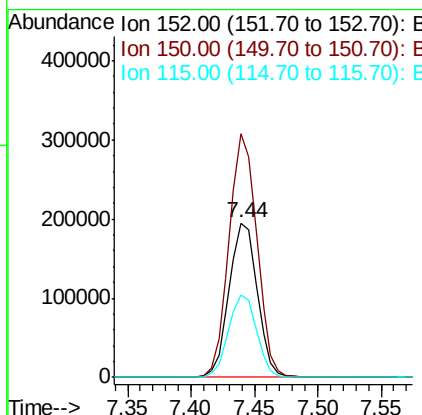
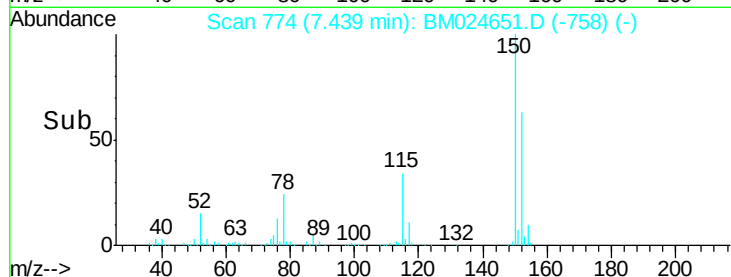
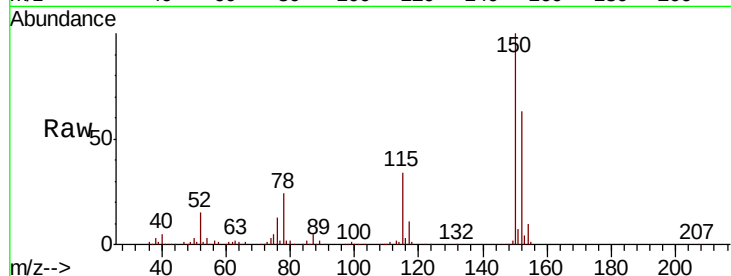


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.44 min Scan# 774
Delta R.T. -0.01 min
Lab File: BM024651.D
Acq: 29 Jan 2020 15:41

Instrument :
BNA_M
ClientSampleId :
PB126427BL

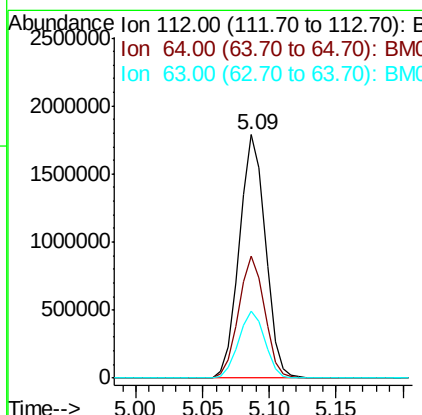
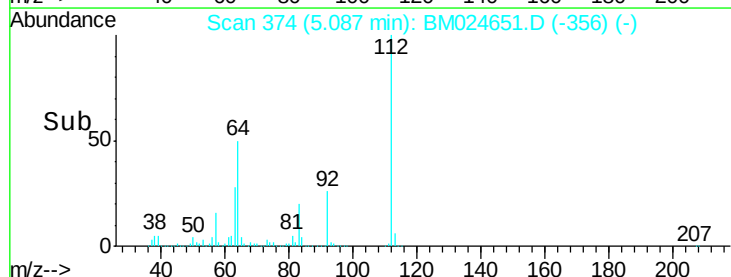
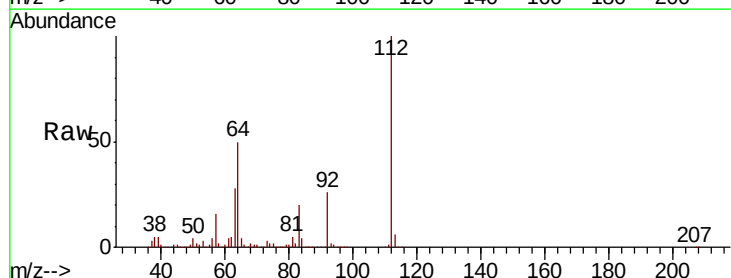
Tot Ion:152 Resp: 300878
Ion Ratio Lower Upper
152 100
150 157.8 124.2 186.4
115 53.1 48.6 72.8

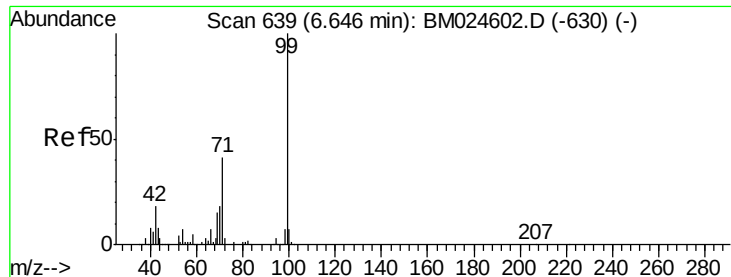


#5

2-Fluorophenol
Concen: 153.564 ng
RT: 5.09 min Scan# 374
Delta R.T. 0.01 min
Lab File: BM024651.D
Acq: 29 Jan 2020 15:41

Tgt Ion:112 Resp: 2429534
Ion Ratio Lower Upper
112 100
64 50.0 44.2 66.4
63 27.7 25.9 38.9





#7

Phenol-d6

Concen: 137.665 ng

RT: 6.65 min Scan# 639

Delta R.T. -0.00 min

Lab File: BM024651.D

Acq: 29 Jan 2020 15:41

Instrument :

BNA_M

ClientSampleId :

PB126427BL

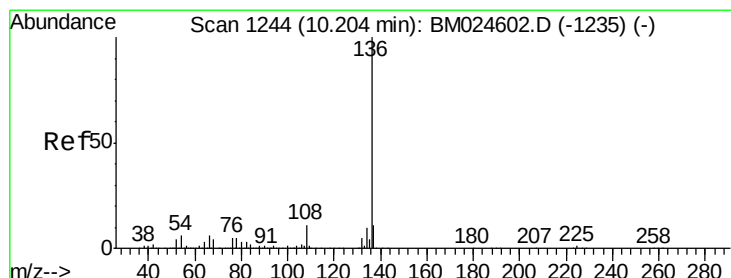
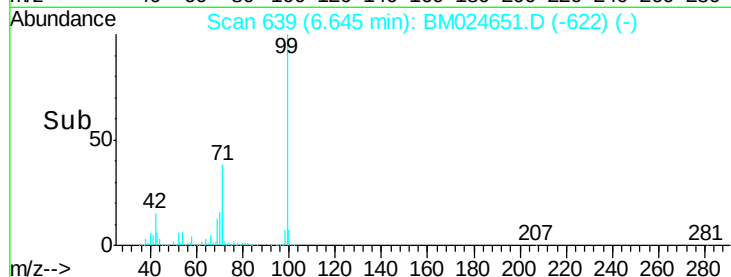
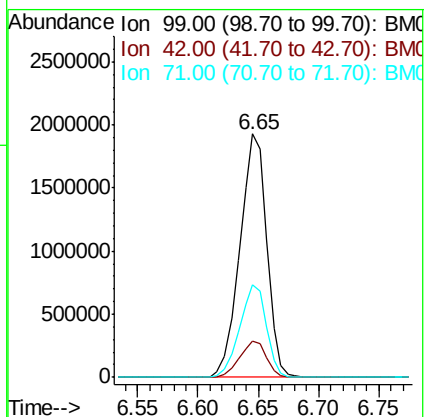
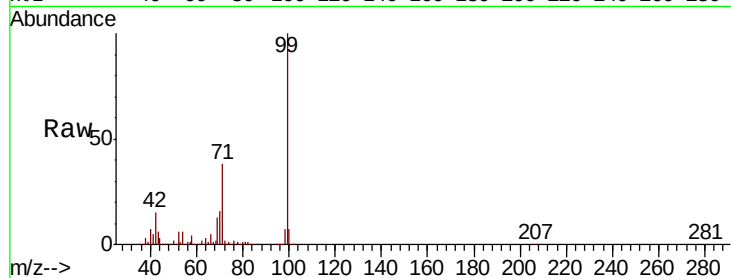
Tot Ion: 99 Resp: 3000343

Ion Ratio Lower Upper

99 100

42 14.7 14.1 21.1

71 38.1 33.0 49.6



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.20 min Scan# 1243

Delta R.T. -0.01 min

Lab File: BM024651.D

Acq: 29 Jan 2020 15:41

Tgt Ion: 136 Resp: 1130469

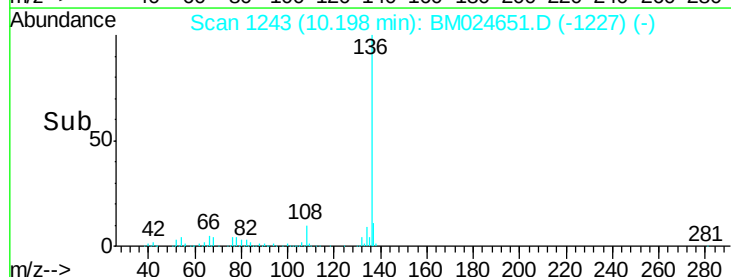
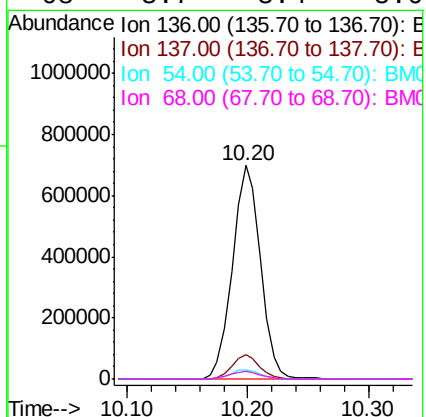
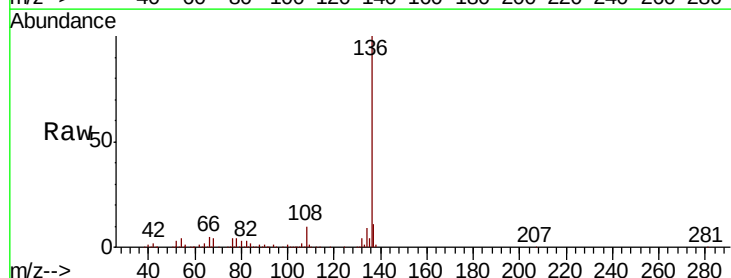
Ion Ratio Lower Upper

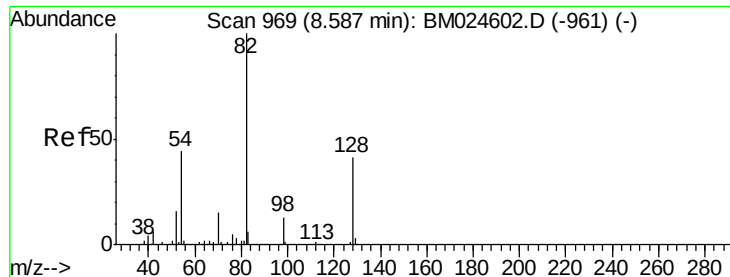
136 100

137 11.1 8.6 13.0

54 4.4 4.5 6.7#

68 3.7 3.4 5.0



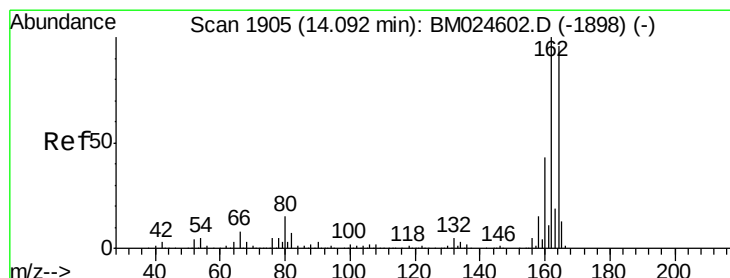
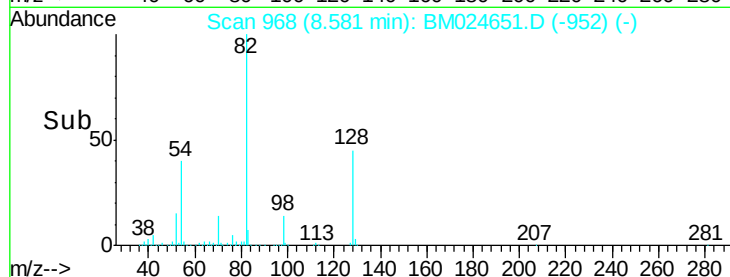
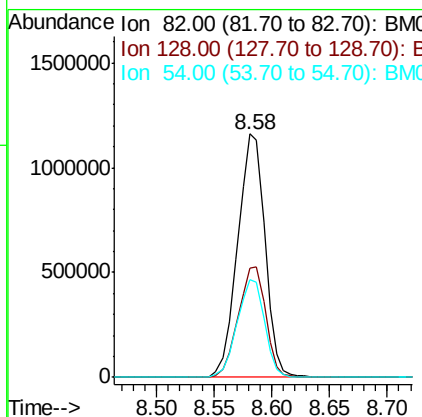
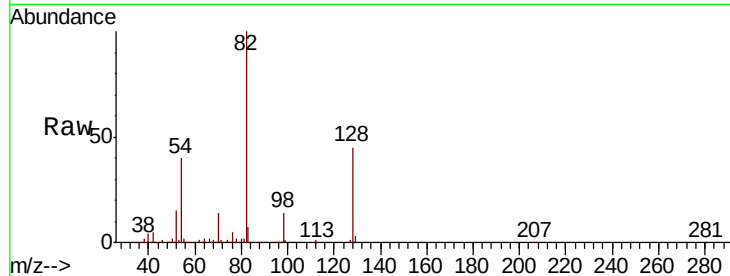


#23
 Nitrobenzene-d5
 Concen: 82.826 ng
 RT: 8.58 min Scan# 968
 Delta R.T. -0.01 min
 Lab File: BM024651.D
 Acq: 29 Jan 2020 15:41

Instrument :
 BNA_M
 ClientSampleId :
 PB126427BL

Tot Ion: 82 Resp: 1909235

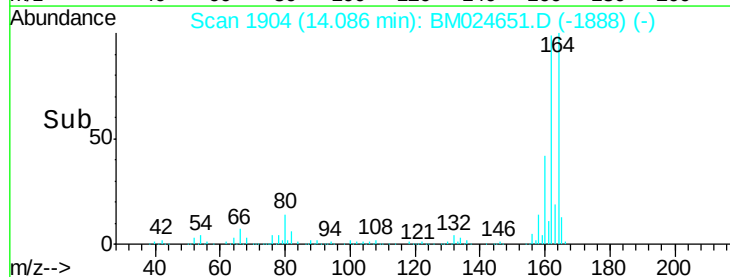
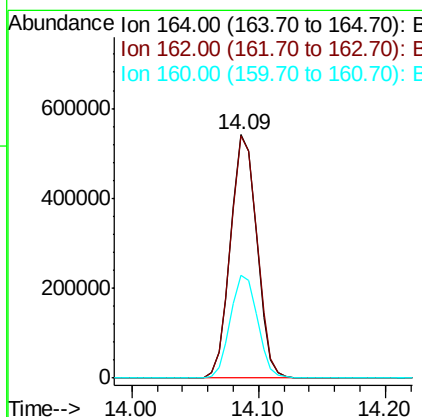
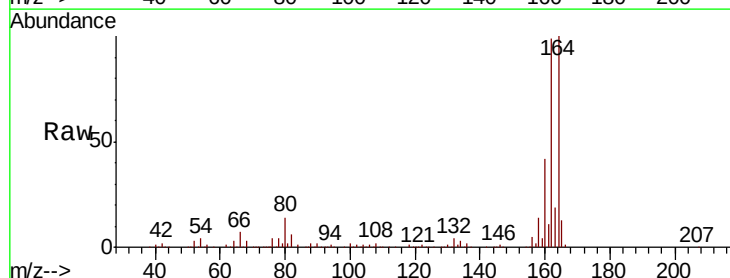
Ion	Ratio	Lower	Upper
82	100		
128	45.0	32.6	48.8
54	40.2	34.8	52.2

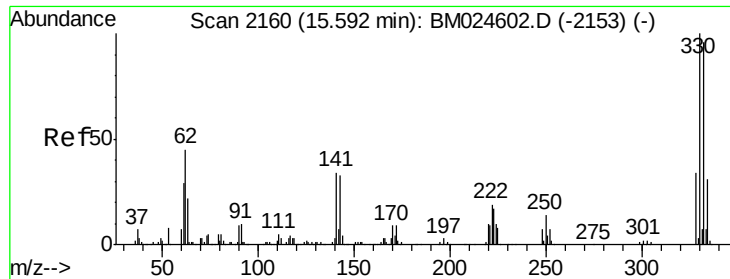


#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.09 min Scan# 1904
 Delta R.T. -0.01 min
 Lab File: BM024651.D
 Acq: 29 Jan 2020 15:41

Tgt Ion: 164 Resp: 775854

Ion	Ratio	Lower	Upper
164	100		
162	99.4	82.9	124.3
160	42.3	35.5	53.3

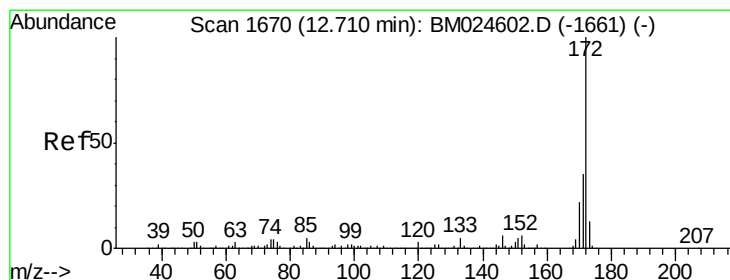
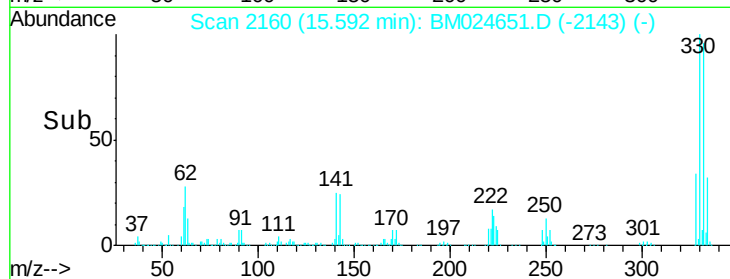
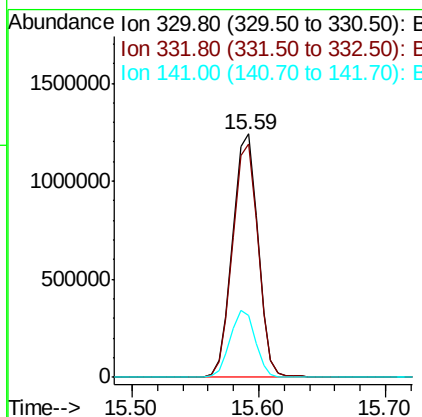
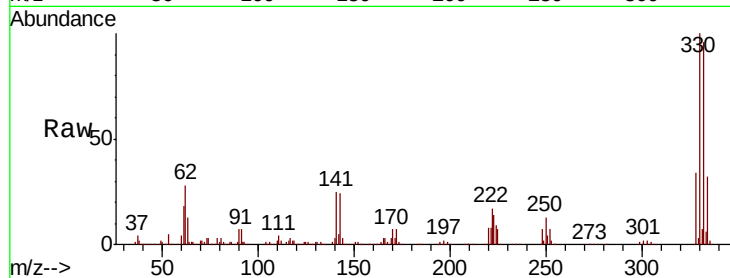




#42
 2,4,6-Tribromophenol
 Concen: 136.587 ng
 RT: 15.59 min Scan# 2160
 Delta R.T. -0.00 min
 Lab File: BM024651.D
 Acq: 29 Jan 2020 15:41

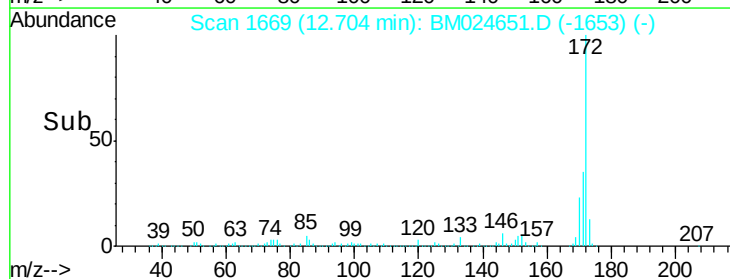
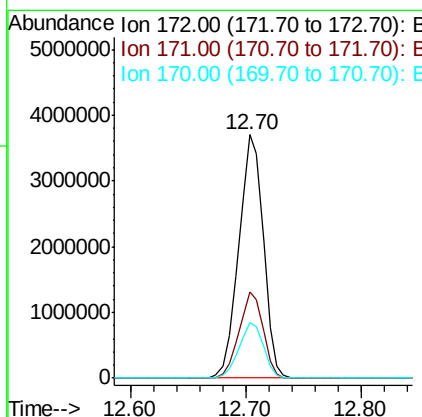
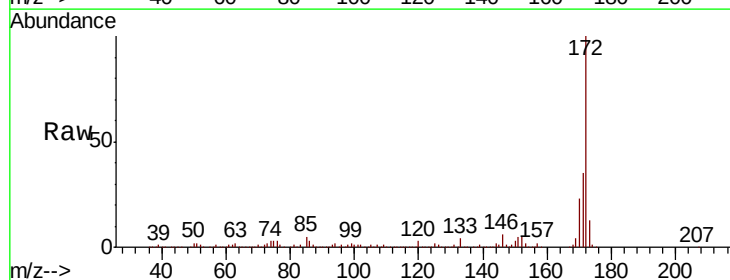
Instrument :
 BNA_M
 ClientSampleId :
 PB126427BL

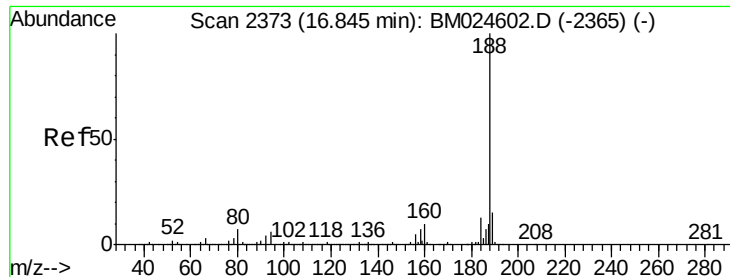
Tot Ion:330 Resp: 1723783
 Ion Ratio Lower Upper
 330 100
 332 96.3 77.2 115.8
 141 27.3 26.9 40.3



#45
 2-Fluorobiphenyl
 Concen: 95.411 ng
 RT: 12.70 min Scan# 1669
 Delta R.T. -0.01 min
 Lab File: BM024651.D
 Acq: 29 Jan 2020 15:41

Tgt Ion:172 Resp: 5444988
 Ion Ratio Lower Upper
 172 100
 171 35.4 28.3 42.5
 170 22.7 17.9 26.9





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.84 min Scan# 2372

Delta R.T. -0.01 min

Lab File: BM024651.D

Acq: 29 Jan 2020 15:41

Instrument :

BNA_M

ClientSampleId :

PB126427BL

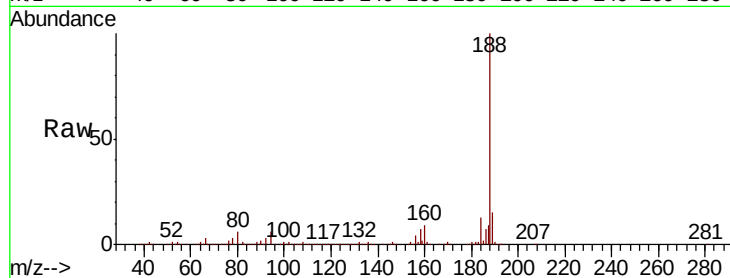
Tot Ion:188 Resp: 1672738

Ion Ratio Lower Upper

188 100

94 5.9 5.0 7.6

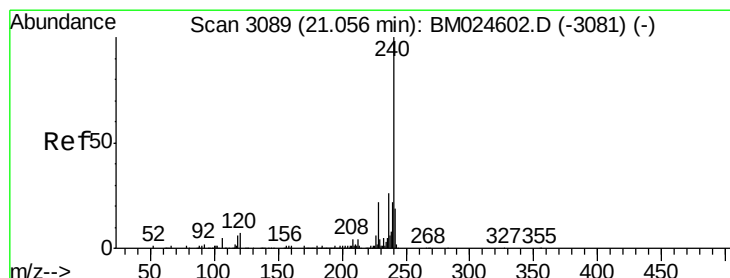
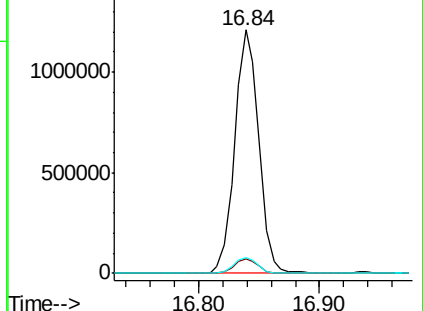
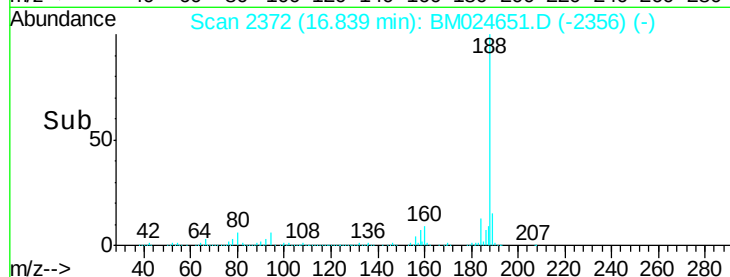
80 6.5 5.8 8.8



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# 3087

Delta R.T. -0.01 min

Lab File: BM024651.D

Acq: 29 Jan 2020 15:41

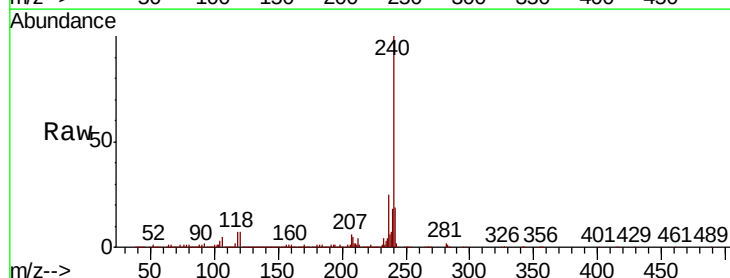
Tgt Ion:240 Resp: 1398560

Ion Ratio Lower Upper

240 100

120 7.1 5.3 7.9

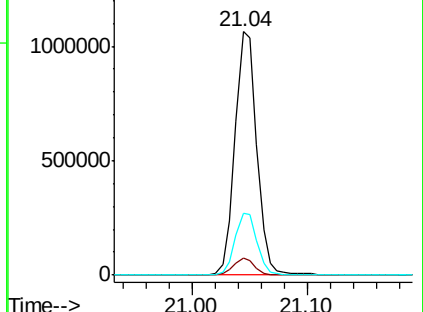
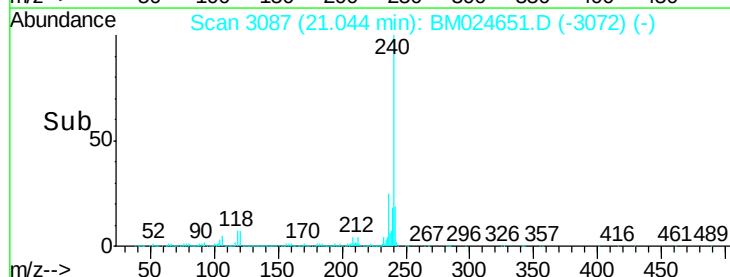
236 25.2 20.6 31.0

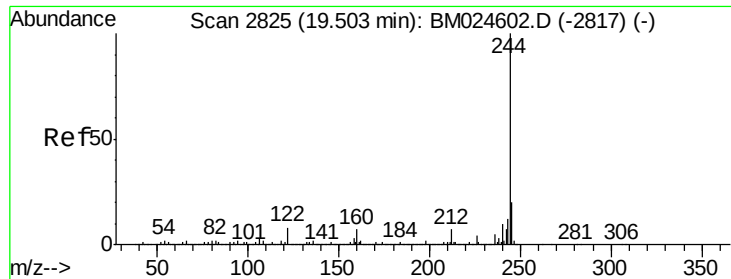


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 119.910 ng

RT: 19.50 min Scan# 2824

Delta R.T. -0.01 min

Lab File: BM024651.D

Acq: 29 Jan 2020 15:41

Instrument :

BNA_M

ClientSampleId :

PB126427BL

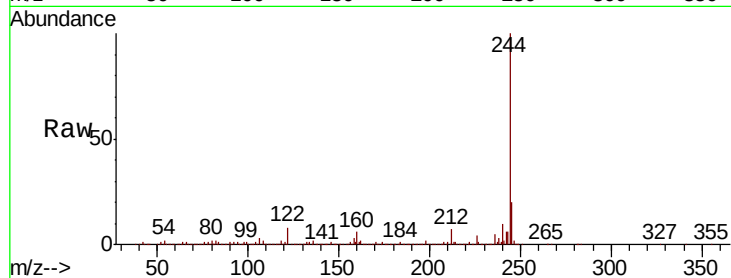
Tot Ion:244 Resp: 8982875

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.2

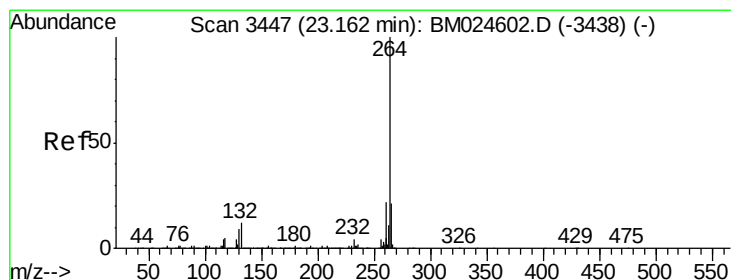
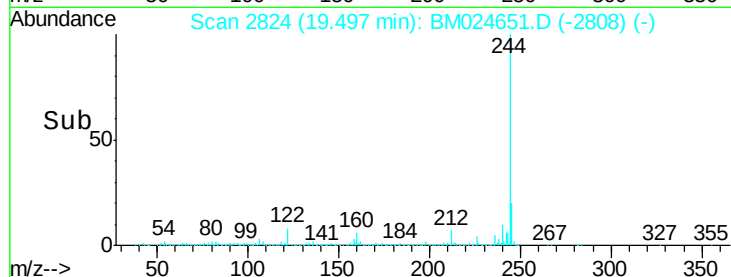
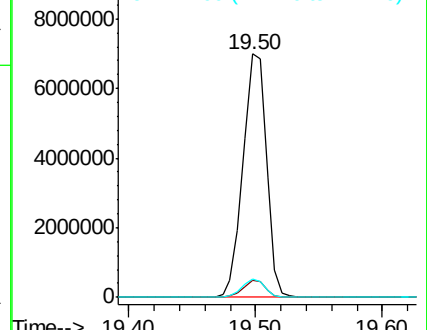
122 7.8 6.2 9.4



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: 23.16 min Scan# 3446

Delta R.T. -0.01 min

Lab File: BM024651.D

Acq: 29 Jan 2020 15:41

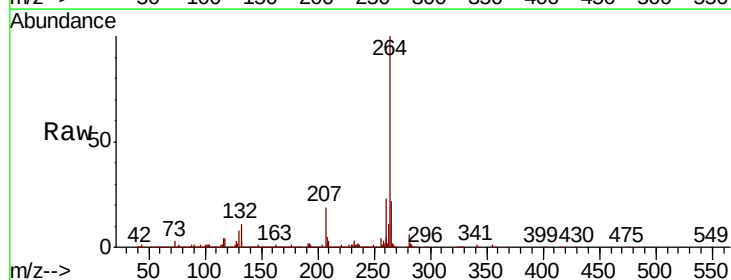
Tgt Ion:264 Resp: 1347389

Ion Ratio Lower Upper

264 100

260 22.9 17.9 26.9

265 22.4 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

