

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM012420\
 Data File : BM024619.D
 Acq On : 24 Jan 2020 13:43
 Operator : CG/JU
 Sample : PB125861BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB125861BL

Quant Time: Jan 24 16:59:05 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	207409	20.00	ng	0.00
21) Naphthalene-d8	10.20	136	793079	20.00	ng	0.00
39) Acenaphthene-d10	14.09	164	551692	20.00	ng	0.00
64) Phenanthrene-d10	16.84	188	1273485	20.00	ng	0.00
76) Chrysene-d12	21.04	240	1345865	20.00	ng	-0.01
87) Perylene-d12	23.16	264	1461623	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.09	112	1570134	143.97	ng	0.00
7) Phenol-d6	6.64	99	2032088	135.26	ng	0.00
23) Nitrobenzene-d5	8.58	82	1394484	86.23	ng	0.00
42) 2,4,6-Tribromophenol	15.59	330	1167823	130.13	ng	0.00
45) 2-Fluorobiphenyl	12.70	172	3471699	85.55	ng	0.00
79) Terphenyl-d14	19.50	244	7276523	100.94	ng	0.00

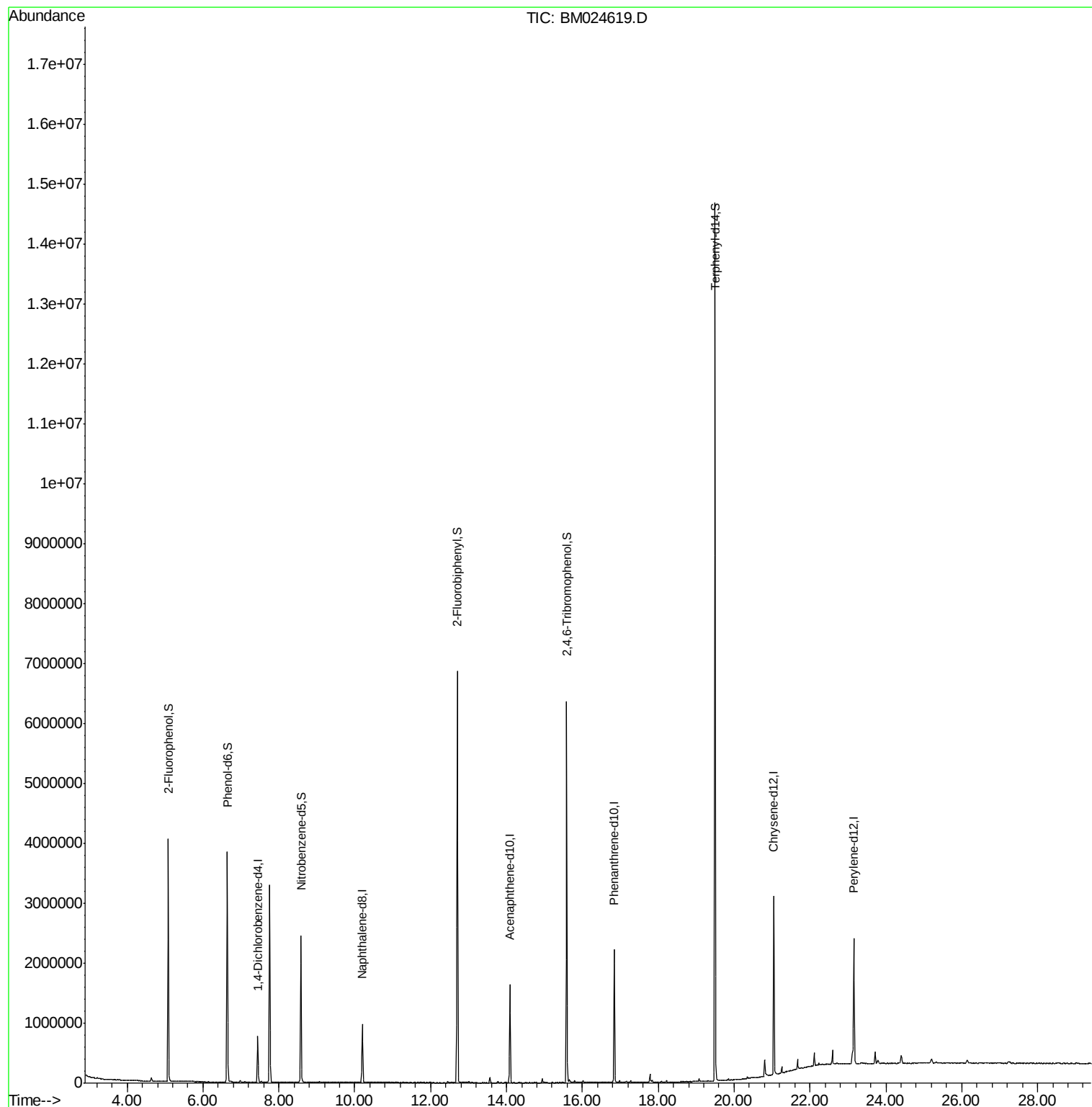
Target Compounds Qvalue

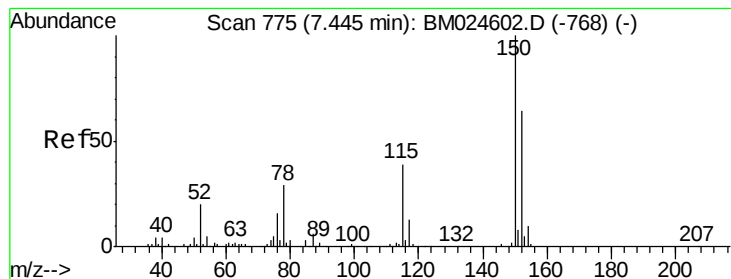
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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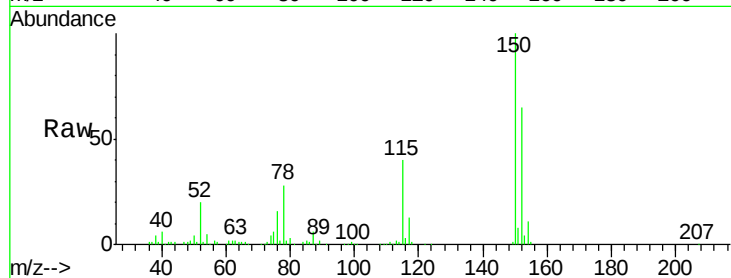


#1

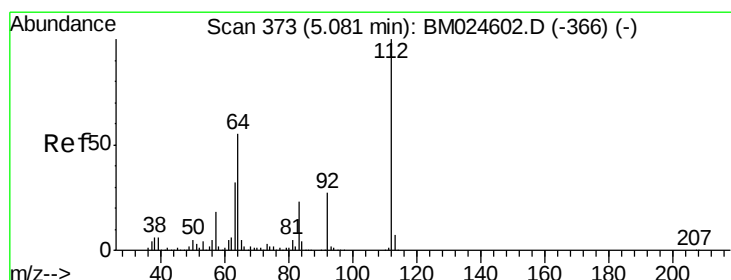
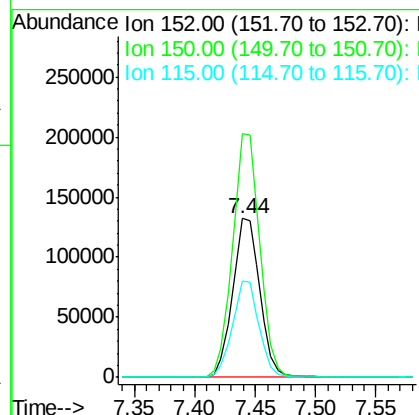
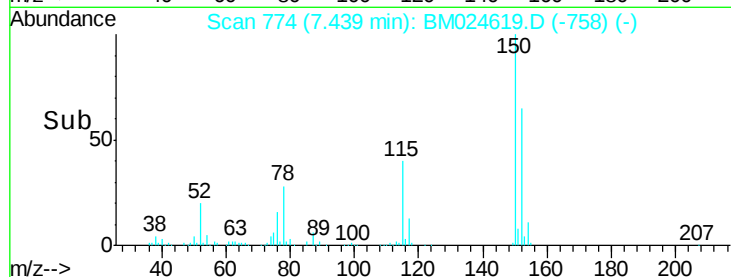
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.44 min Scan# 774
Delta R.T. -0.01 min
Lab File: BM024619.D
Acq: 24 Jan 2020 13:43

Instrument :
BNA_M
ClientSampled :
PB125861BL

Tot Ion:152 Resp: 207409
Ion Ratio Lower Upper
152 100
150 153.6 124.2 186.4
115 61.0 48.6 72.8



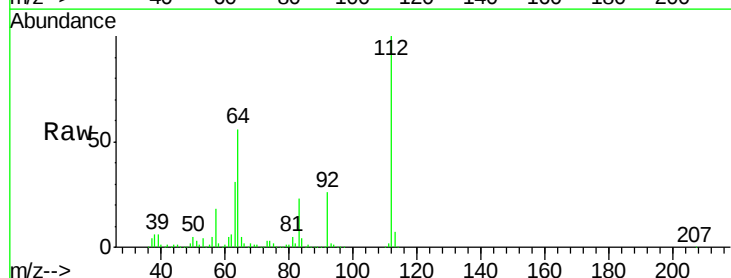
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



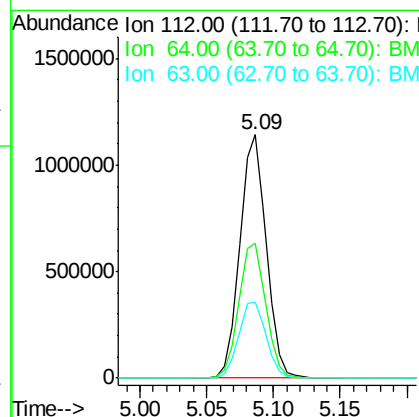
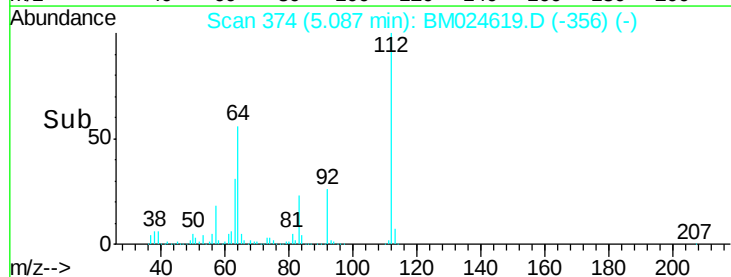
#5

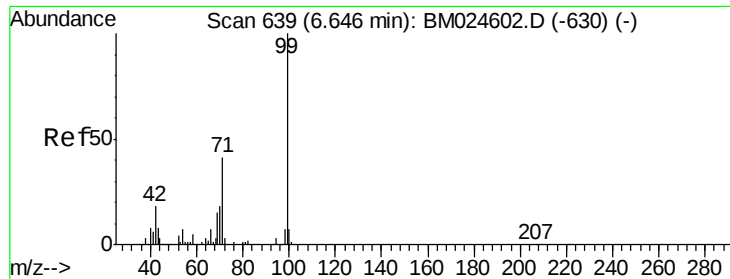
2-Fluorophenol
Concen: 143.968 ng
RT: 5.09 min Scan# 374
Delta R.T. 0.01 min
Lab File: BM024619.D
Acq: 24 Jan 2020 13:43

Tgt Ion:112 Resp: 1570134
Ion Ratio Lower Upper
112 100
64 55.5 44.2 66.4
63 31.4 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: 135.256 ng

RT: 6.64 min Scan# 638

Delta R.T. -0.01 min

Lab File: BM024619.D

Acq: 24 Jan 2020 13:43

Instrument :

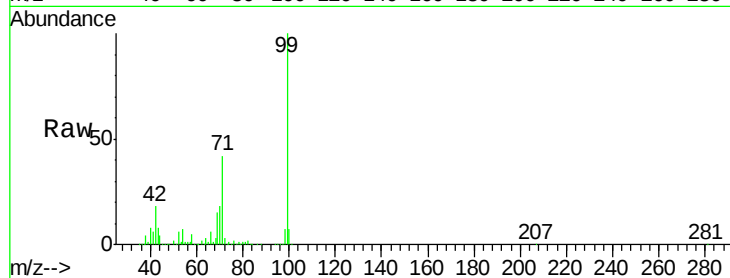
BNA_M

ClientSampleId :

PB125861BL

Tot Ion: 99 Resp: 2032088

Ion	Ratio	Lower	Upper
99	100		
42	17.9	14.1	21.1
71	42.5	33.0	49.6

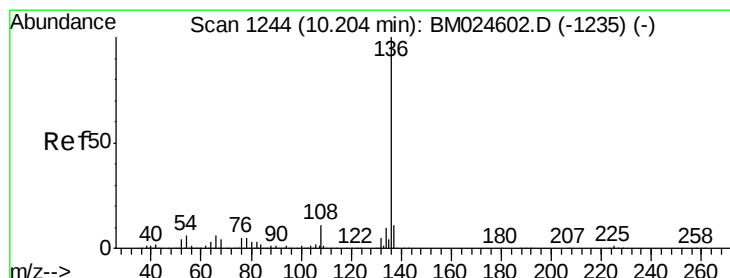
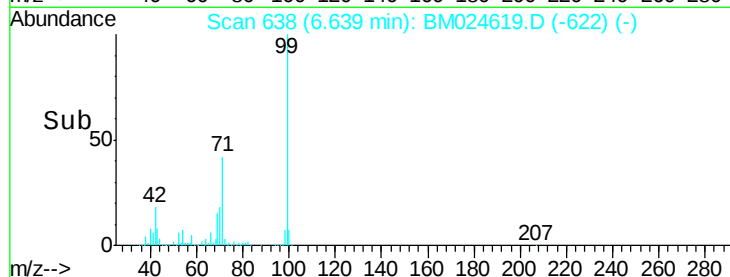


Abundance

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: 10.20 min Scan# 1243

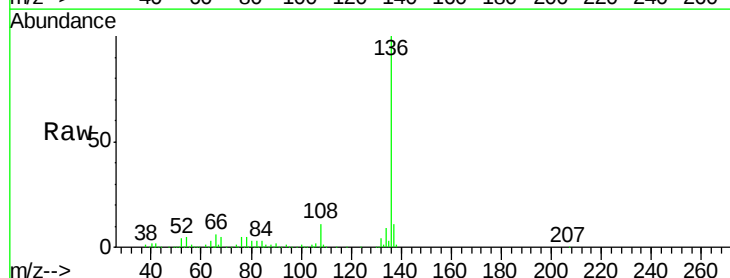
Delta R.T. -0.01 min

Lab File: BM024619.D

Acq: 24 Jan 2020 13:43

Tgt Ion: 136 Resp: 793079

Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.6	13.0
54	5.4	4.5	6.7
68	4.6	3.4	5.0



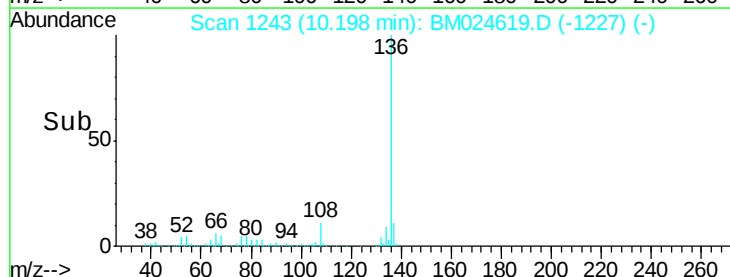
Abundance

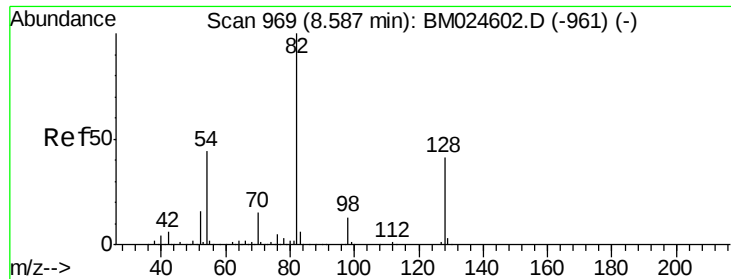
Ion 136.00 (135.70 to 136.70): E

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



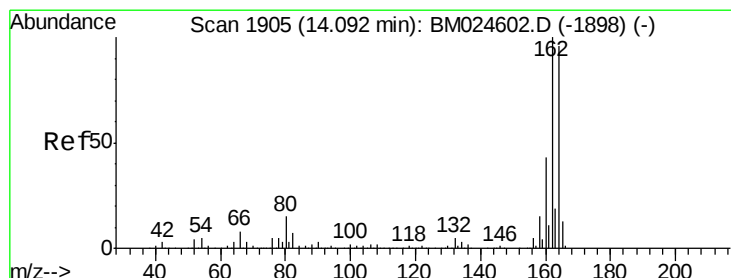
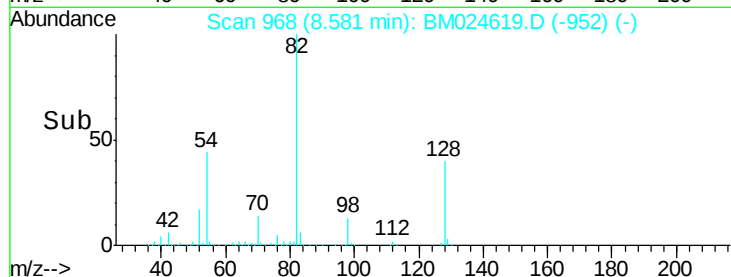
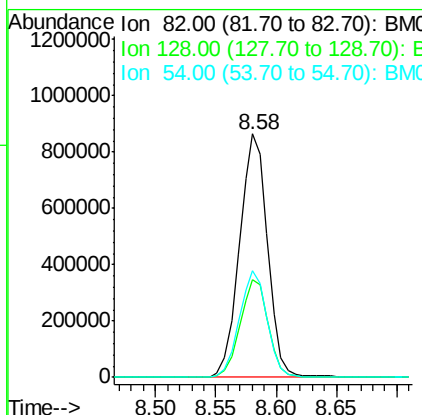
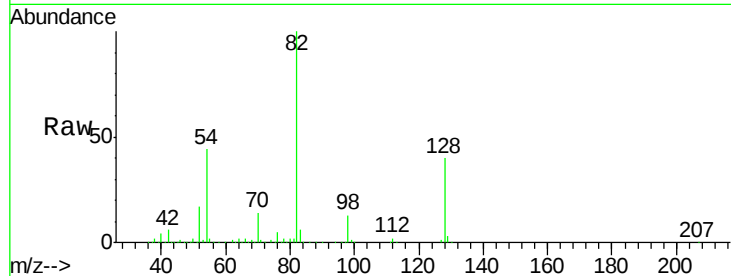


#23
 Nitrobenzene-d5
 Concen: 86.230 ng
 RT: 8.58 min Scan# 968
 Delta R.T. -0.01 min
 Lab File: BM024619.D
 Acq: 24 Jan 2020 13:43

Instrument :
 BNA_M
 ClientSampleId :
 PB125861BL

Tot Ion: 82 Resp: 1394484

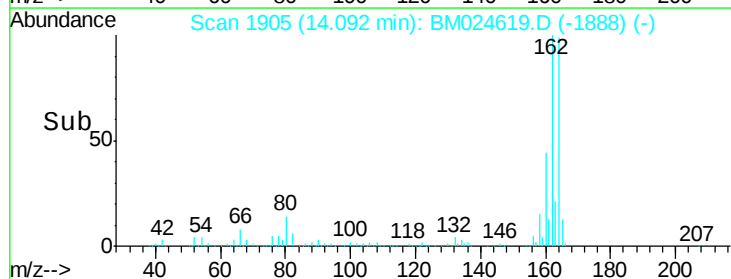
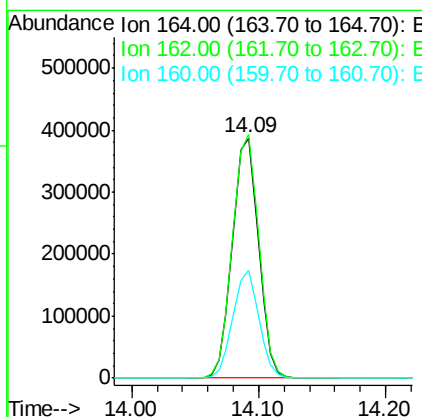
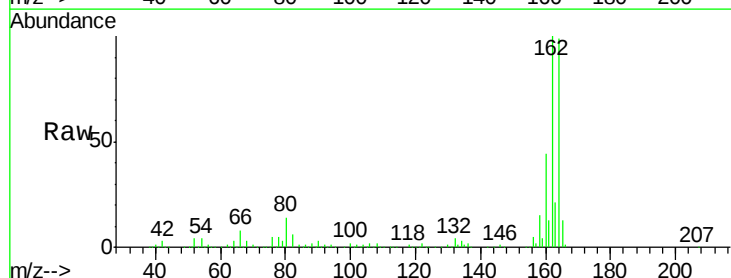
Ion	Ratio	Lower	Upper
82	100		
128	40.3	32.6	48.8
54	44.0	34.8	52.2

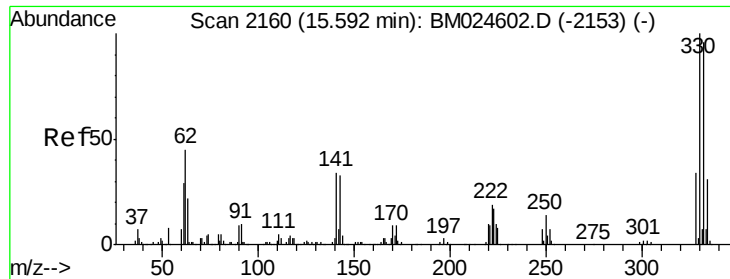


#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.09 min Scan# 1905
 Delta R.T. -0.00 min
 Lab File: BM024619.D
 Acq: 24 Jan 2020 13:43

Tgt Ion: 164 Resp: 551692

Ion	Ratio	Lower	Upper
164	100		
162	101.5	82.9	124.3
160	44.8	35.5	53.3

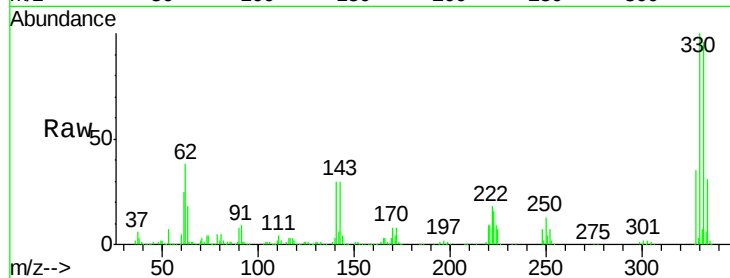




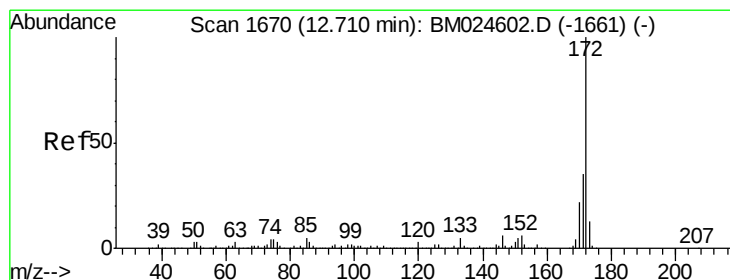
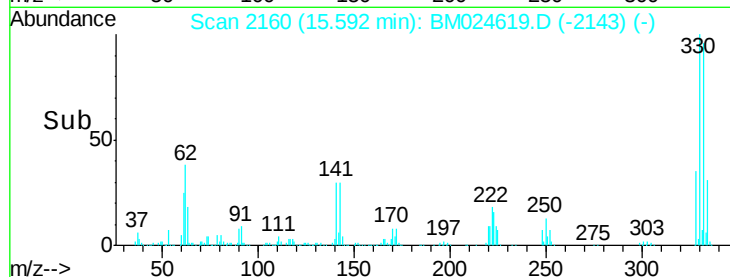
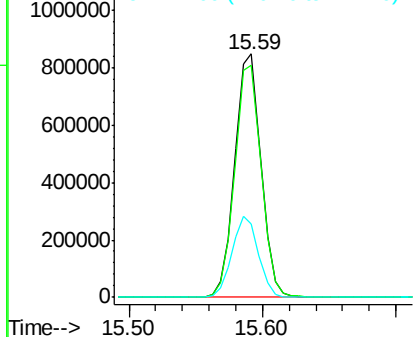
#42
 2,4,6-Tribromophenol
 Concen: 130.133 ng
 RT: 15.59 min Scan# 2160
 Delta R.T. -0.00 min
 Lab File: BM024619.D
 Acq: 24 Jan 2020 13:43

Instrument :
 BNA_M
 ClientSampleId :
 PB125861BL

Tot Ion:330 Resp: 1167823
 Ion Ratio Lower Upper
 330 100
 332 96.5 77.2 115.8
 141 33.5 26.9 40.3

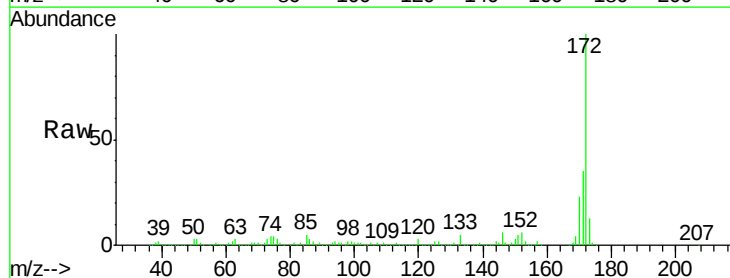


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

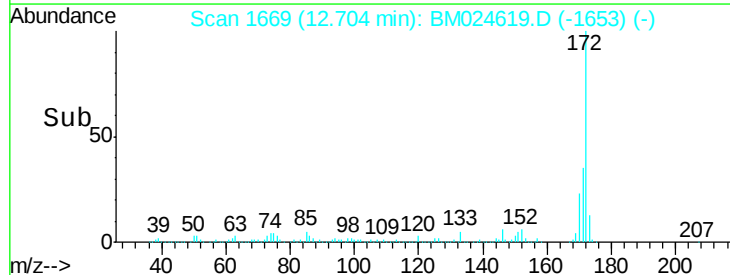
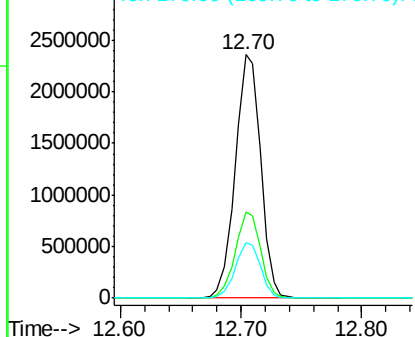


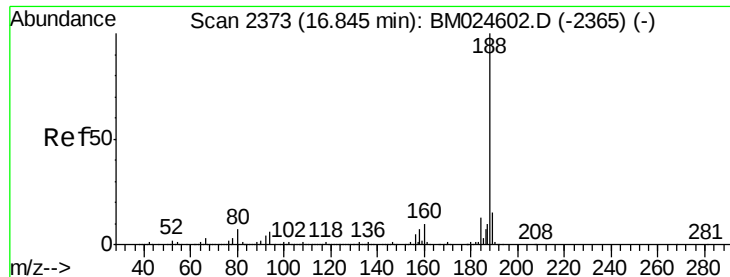
#45
 2-Fluorobiphenyl
 Concen: 85.551 ng
 RT: 12.70 min Scan# 1669
 Delta R.T. -0.01 min
 Lab File: BM024619.D
 Acq: 24 Jan 2020 13:43

Tgt Ion:172 Resp: 3471699
 Ion Ratio Lower Upper
 172 100
 171 35.3 28.3 42.5
 170 22.6 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: 16.84 min Scan# 2372

Delta R.T. -0.01 min

Lab File: BM024619.D

Acq: 24 Jan 2020 13:43

Instrument :

BNA_M

ClientSampleId :

PB125861BL

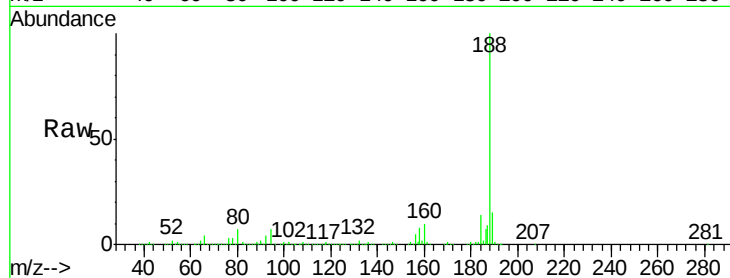
Tot Ion:188 Resp: 1273485

Ion Ratio Lower Upper

188 100

94 6.6 5.0 7.6

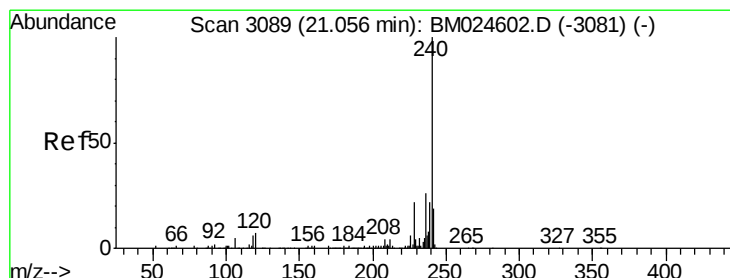
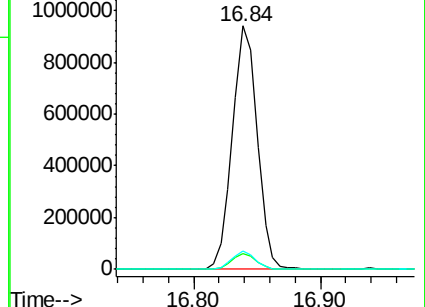
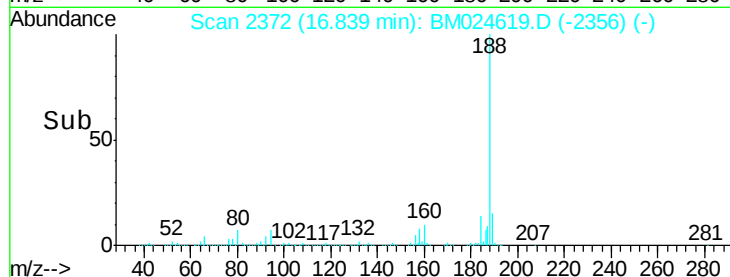
80 7.4 5.8 8.8



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: BM024619.D

Acq: 24 Jan 2020 13:43

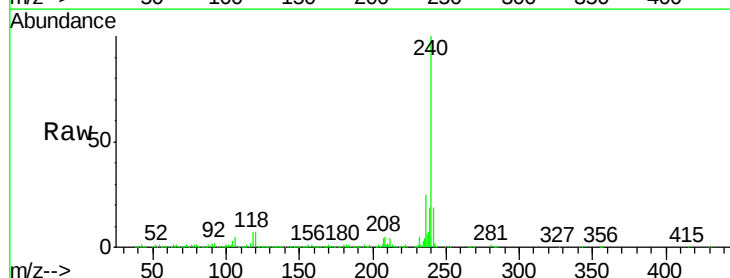
Tgt Ion:240 Resp: 1345865

Ion Ratio Lower Upper

240 100

120 7.4 5.3 7.9

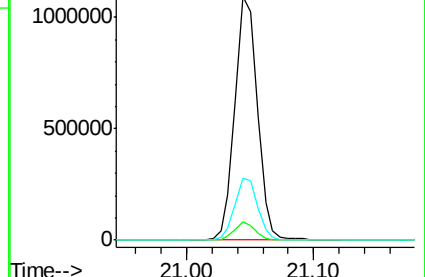
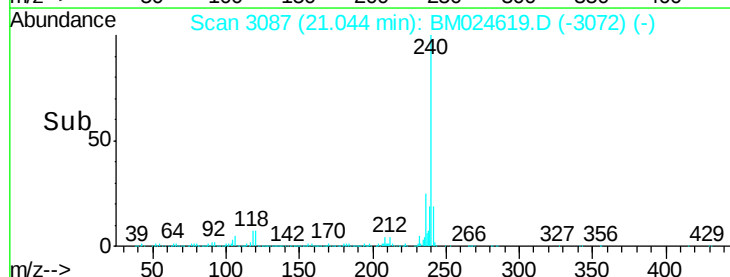
236 25.5 20.6 31.0

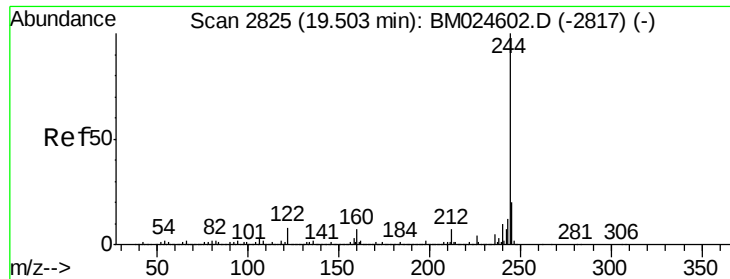


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 100.936 ng

RT: 19.50 min Scan# 2825

Delta R.T. -0.00 min

Lab File: BM024619.D

Acq: 24 Jan 2020 13:43

Instrument :

BNA_M

ClientSampleId :

PB125861BL

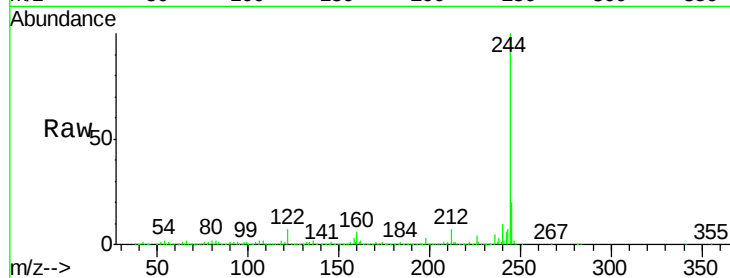
Tot Ion:244 Resp: 7276523

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.2

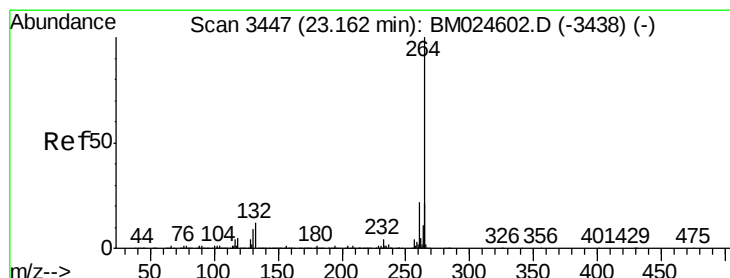
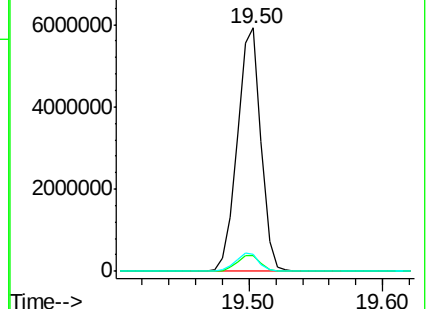
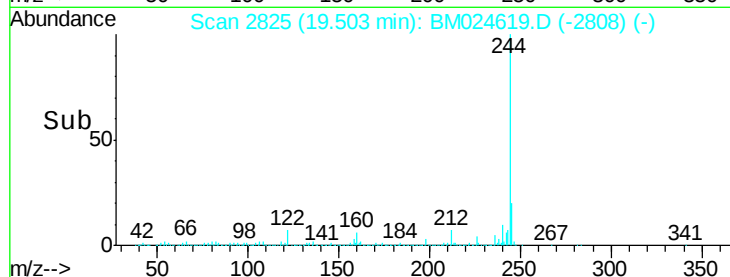
122 7.0 6.2 9.4



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: BM024619.D

Acq: 24 Jan 2020 13:43

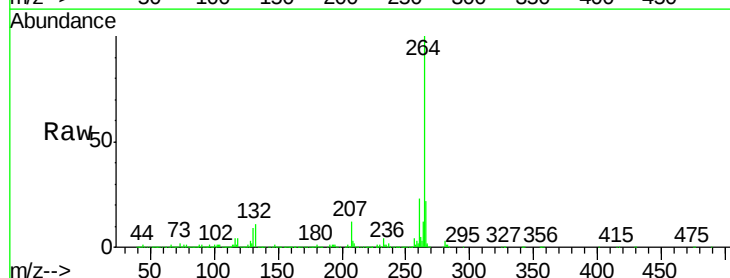
Tgt Ion:264 Resp: 1461623

Ion Ratio Lower Upper

264 100

260 23.3 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

