

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052419\
 Data File : BM020553.D
 Acq On : 24 May 2019 22:32
 Operator : JU/SJ
 Sample : PB119999BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB119999BL

Quant Time: May 25 05:42:57 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM052419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 24 16:07:05 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	51730	20.00	ng	0.00
21) Naphthalene-d8	10.45	136	161511	20.00	ng	0.00
39) Acenaphthene-d10	14.32	164	128640	20.00	ng	0.00
64) Phenanthrene-d10	17.07	188	351505	20.00	ng	0.00
76) Chrysene-d12	21.27	240	447704	20.00	ng	0.00
87) Perylene-d12	23.50	264	517397	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.25	112	315210	119.54	ng	0.00
7) Phenol-d6	6.84	99	431756	108.48	ng	0.00
23) Nitrobenzene-d5	8.83	82	267636	69.55	ng	0.00
42) 2,4,6-Tribromophenol	15.82	330	271137	105.20	ng	0.00
45) 2-Fluorobiphenyl	12.93	172	700348	68.31	ng	0.00
79) Terphenyl-d14	19.70	244	1721348	69.51	ng	0.00

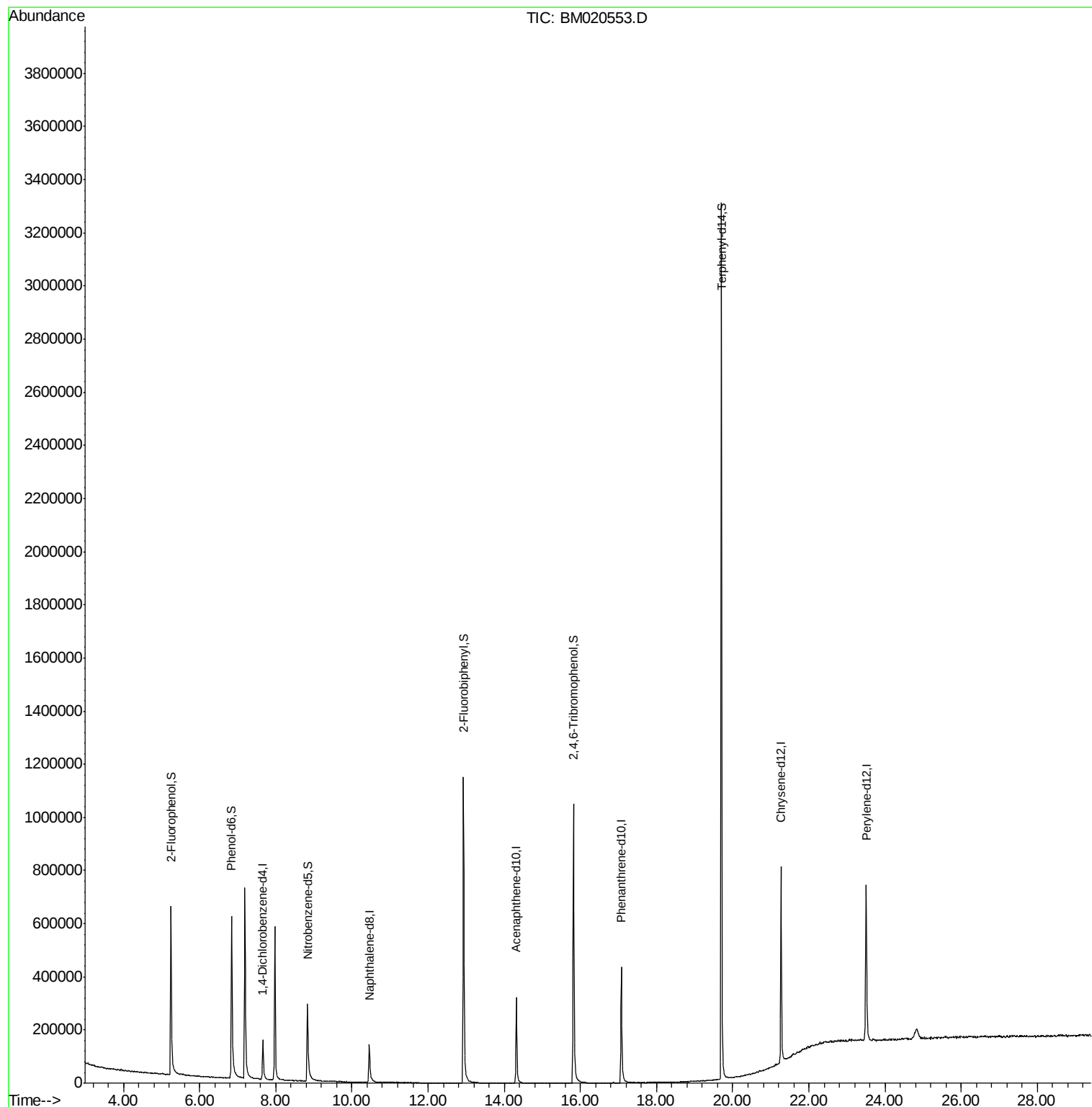
Target Compounds Qvalue

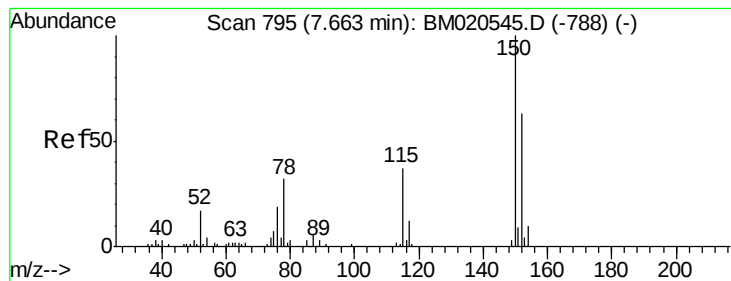
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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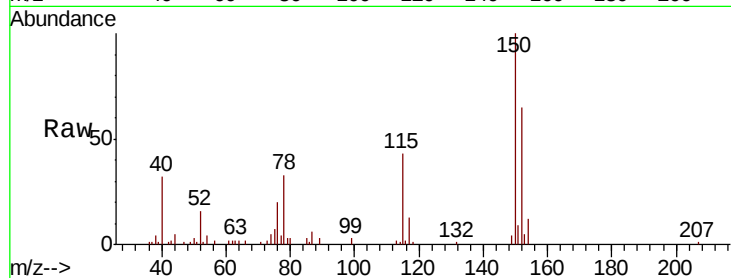


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.66 min Scan# 795
Delta R.T. 0.00 min
Lab File: BM020553.D
Acq: 24 May 2019 22:32

Instrument :
BNA_M
ClientSampleId :
PB119999BL

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.2	126.6	190.0
115	66.3	46.6	70.0

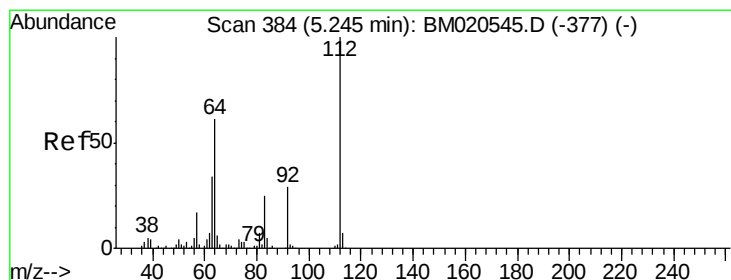
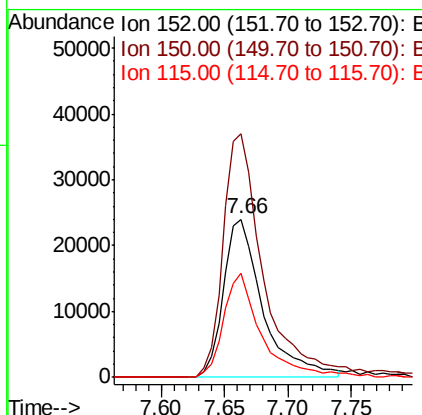
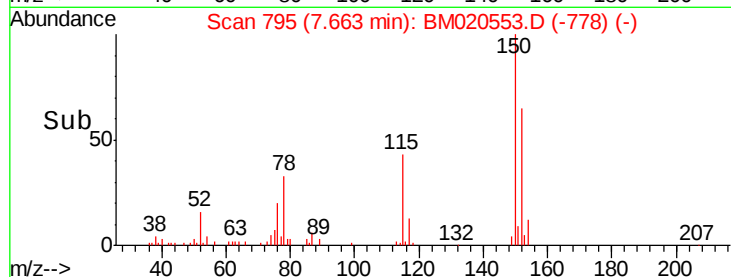


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

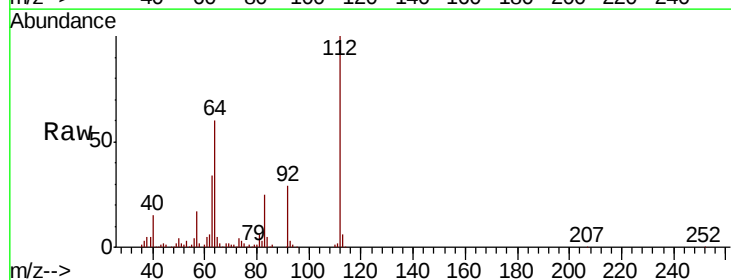
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 119.541 ng
RT: 5.25 min Scan# 384
Delta R.T. 0.00 min
Lab File: BM020553.D
Acq: 24 May 2019 22:32

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.3	48.6	73.0
63	34.3	27.4	41.0

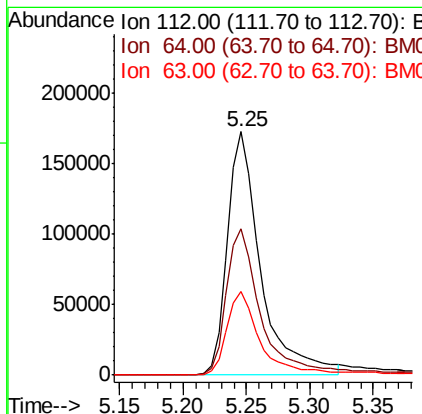
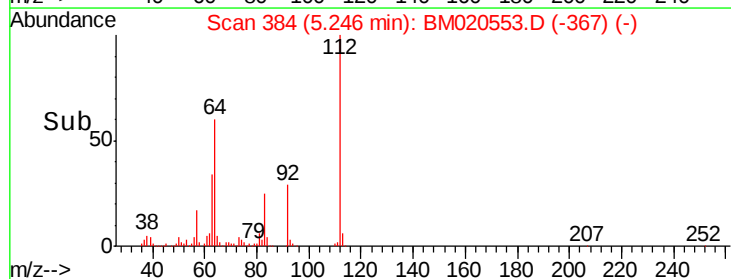


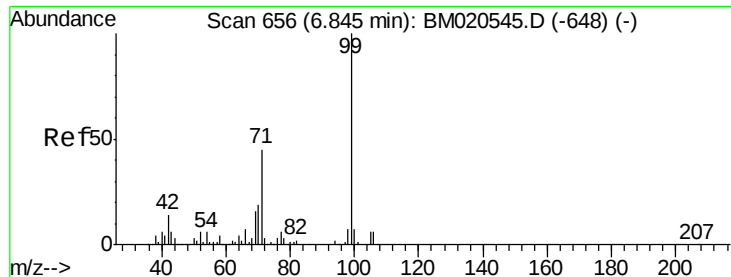
Abundance

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: 108.484 ng

RT: 6.84 min Scan# 655

Delta R.T. -0.01 min

Lab File: BM020553.D

Acq: 24 May 2019 22:32

Instrument :

BNA_M

ClientSampleId :

PB119999BL

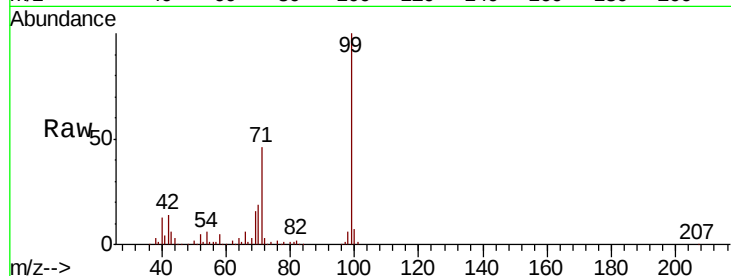
Tot Ion: 99 Resp: 431756

Ion Ratio Lower Upper

99 100

42 13.7 10.8 16.2

71 46.0 36.3 54.5

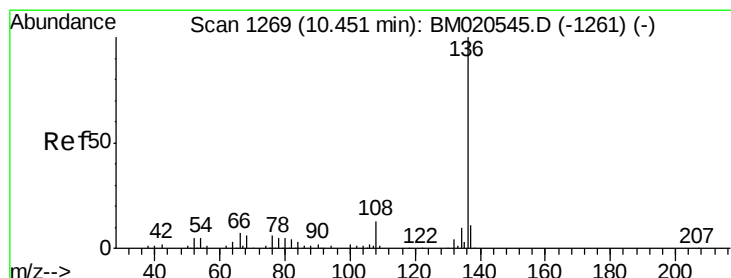
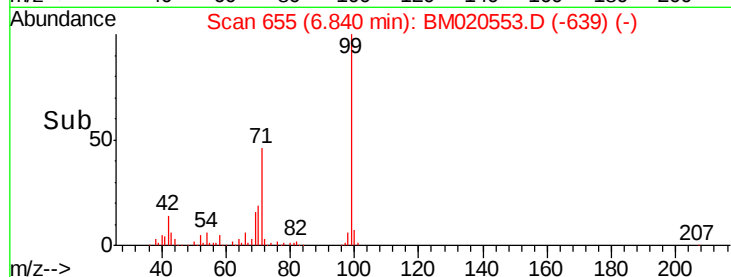
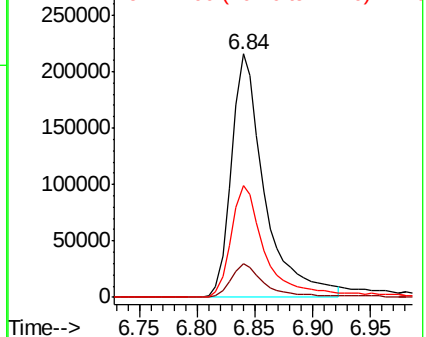


Abundance

Ion 99.00 (98.70 to 99.70): BM020545.D (-648) (-)

Ion 42.00 (41.70 to 42.70): BM020545.D (-648) (-)

Ion 71.00 (70.70 to 71.70): BM020545.D (-648) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.45 min Scan# 1269

Delta R.T. 0.00 min

Lab File: BM020553.D

Acq: 24 May 2019 22:32

Tgt Ion: 136 Resp: 161511

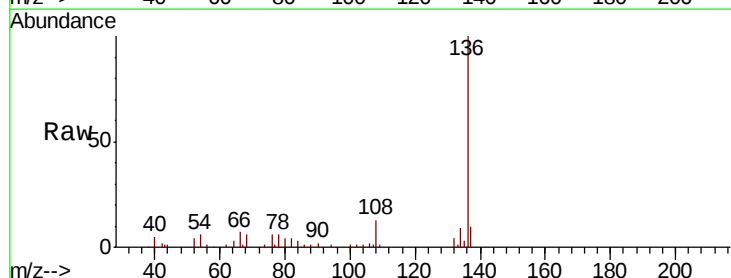
Ion Ratio Lower Upper

136 100

137 10.2 8.4 12.6

54 5.7 4.2 6.4

68 5.9 4.6 7.0



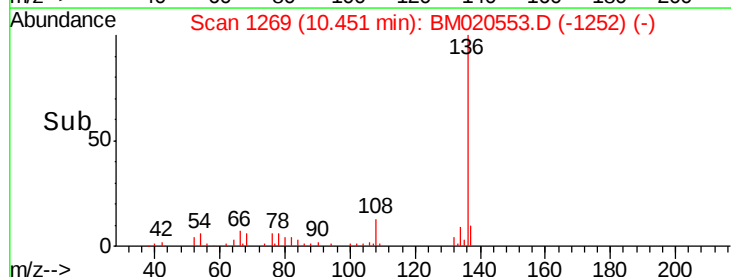
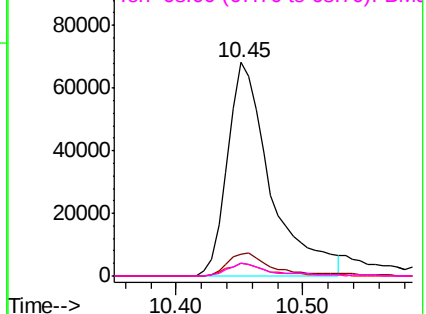
Abundance

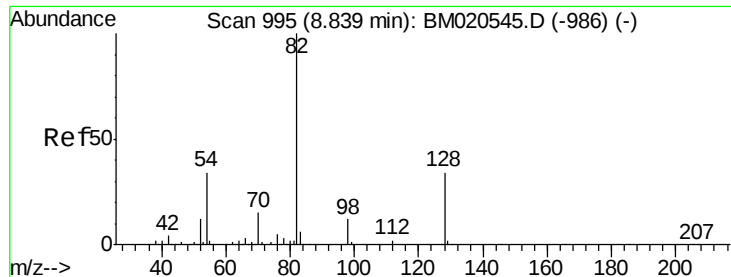
Ion 136.00 (135.70 to 136.70): BM020545.D (-1261) (-)

Ion 137.00 (136.70 to 137.70): BM020545.D (-1261) (-)

Ion 54.00 (53.70 to 54.70): BM020545.D (-1261) (-)

Ion 68.00 (67.70 to 68.70): BM020545.D (-1261) (-)

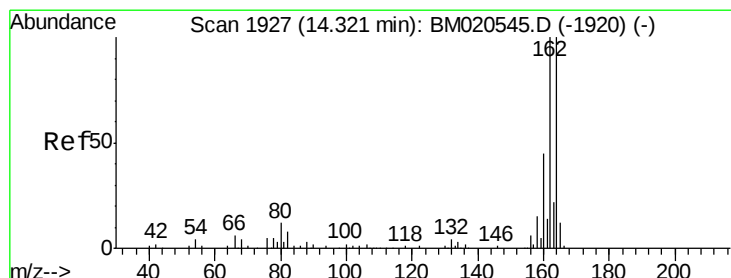
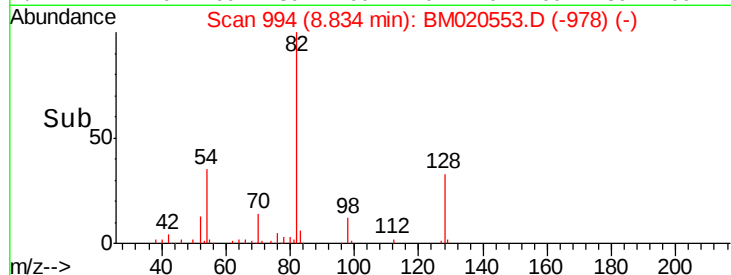
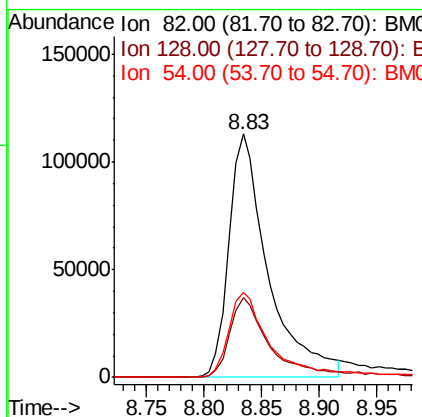
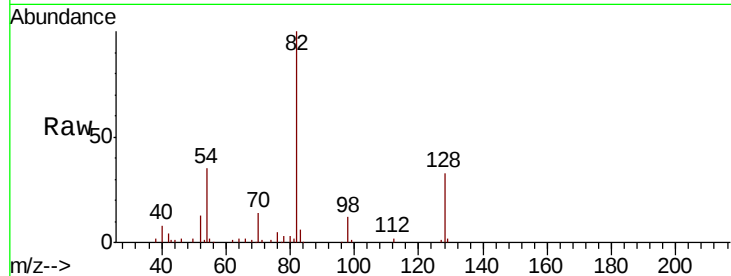




#23
Nitrobenzene-d5
Concen: 69.552 ng
RT: 8.83 min Scan# 994
Delta R.T. -0.01 min
Lab File: BM020553.D
Acq: 24 May 2019 22:32

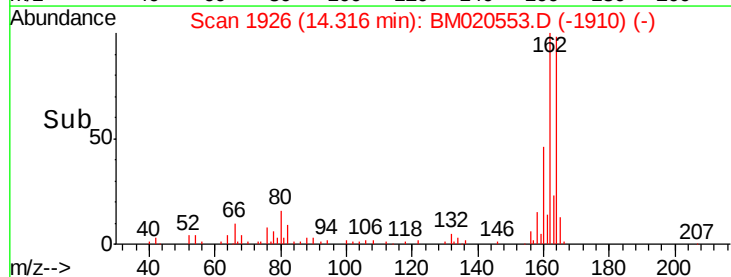
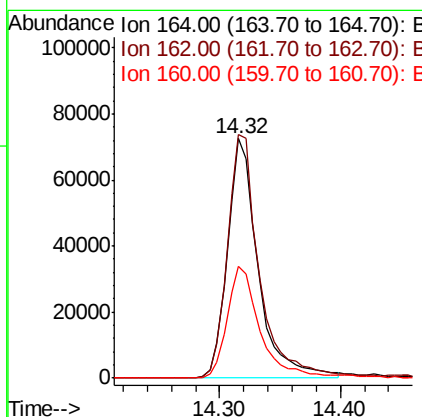
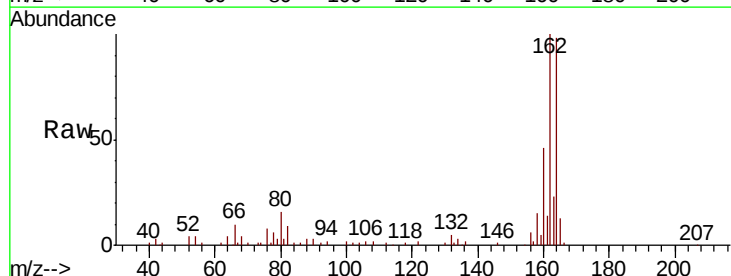
Instrument :
BNA_M
ClientSampled :
PB119999BL

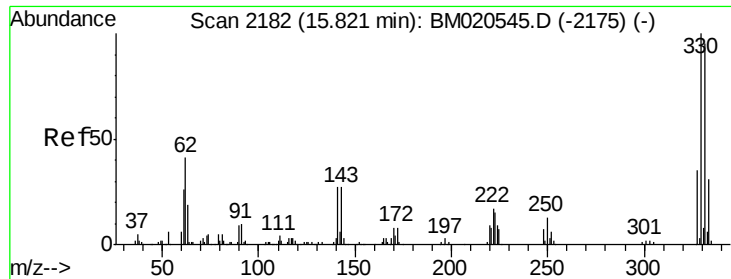
Tot Ion	82	Resp	267636
Ion Ratio	100	Lower	Upper
128	32.5	27.0	40.4
54	35.0	27.4	41.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.32 min Scan# 1926
Delta R.T. -0.01 min
Lab File: BM020553.D
Acq: 24 May 2019 22:32

Tgt Ion	164	Resp	128640
Ion Ratio	100	Lower	Upper
162	101.6	79.8	119.8
160	46.5	35.9	53.9

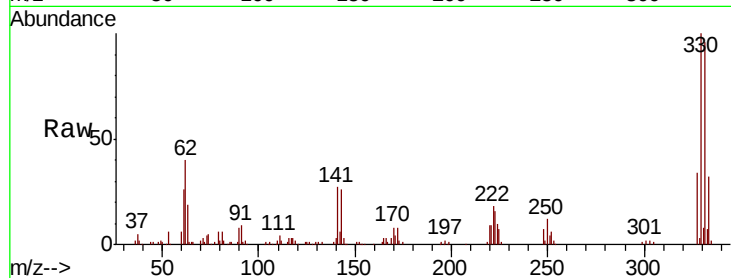




#42
 2,4,6-Tribromophenol
 Concen: 105.204 ng
 RT: 15.82 min Scan# 2181
 Delta R.T. -0.01 min
 Lab File: BM020553.D
 Acq: 24 May 2019 22:32

Instrument :
 BNA_M
 ClientSampleId :
 PB119999BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.8	77.5	116.3
141	27.6	21.7	32.5

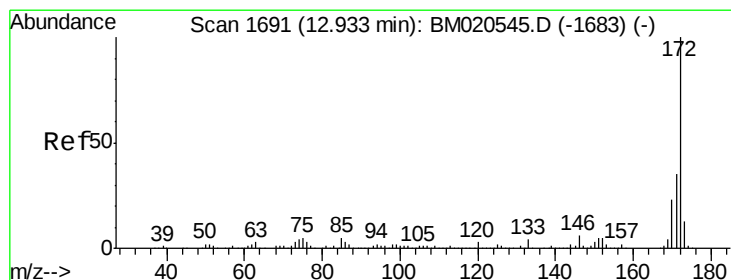
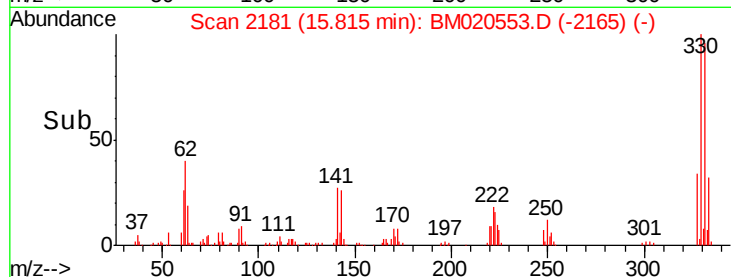
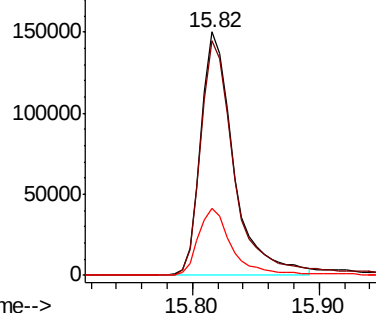


Abundance

Ion 329.80 (329.50 to 330.50): E

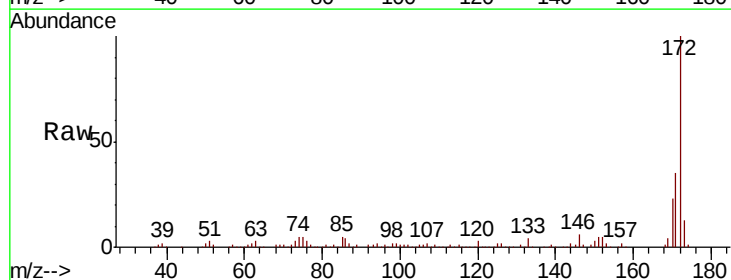
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 68.315 ng
 RT: 12.93 min Scan# 1690
 Delta R.T. -0.01 min
 Lab File: BM020553.D
 Acq: 24 May 2019 22:32

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.5	27.9	41.9
170	23.0	18.2	27.4

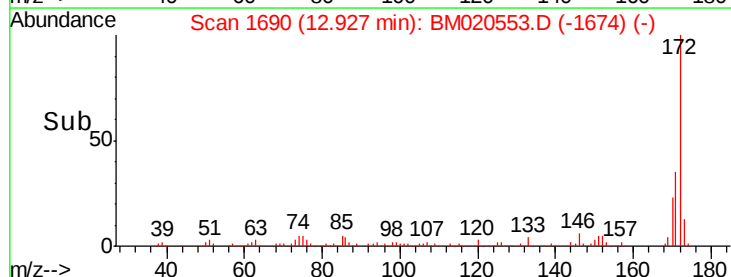
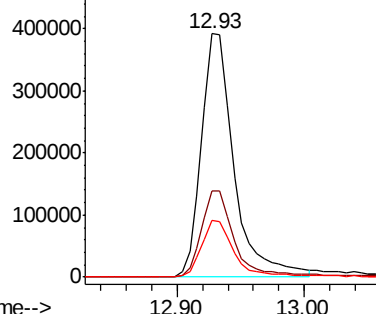


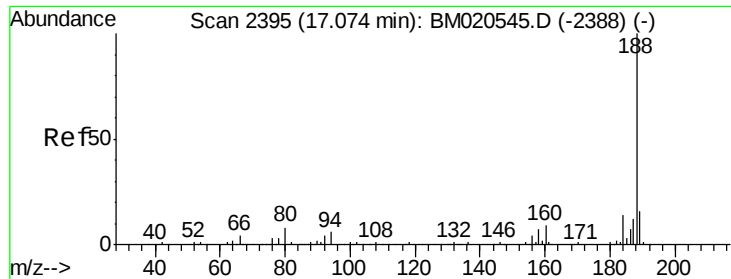
Abundance

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: 17.07 min Scan# 2395

Delta R.T. 0.00 min

Lab File: BM020553.D

Acq: 24 May 2019 22:32

Instrument :

BNA_M

ClientSampleId :

PB119999BL

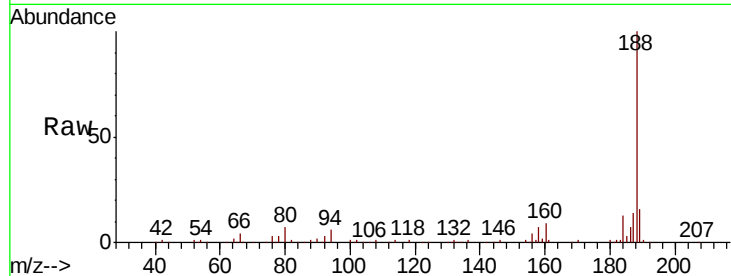
Tot Ion:188 Resp: 351505

Ion Ratio Lower Upper

188 100

94 6.3 5.0 7.4

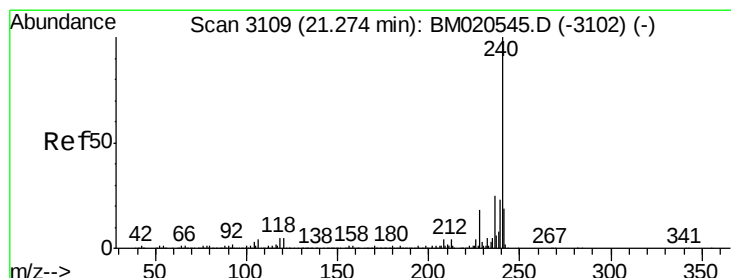
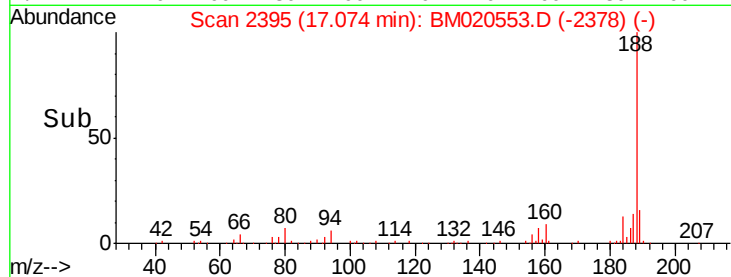
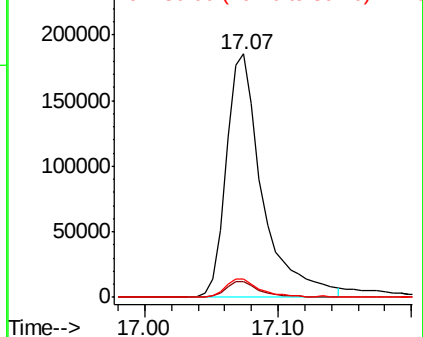
80 7.3 6.5 9.7



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM

Ion 80.00 (79.70 to 80.70): BM



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.27 min Scan# 3108

Delta R.T. -0.01 min

Lab File: BM020553.D

Acq: 24 May 2019 22:32

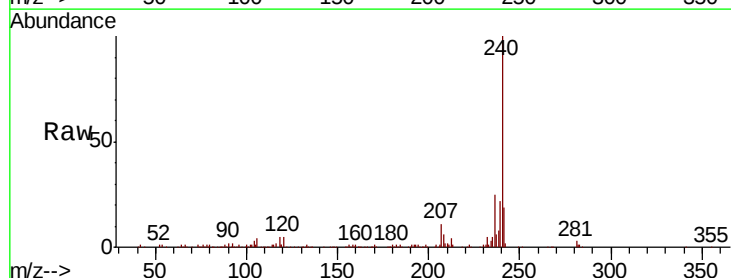
Tgt Ion:240 Resp: 447704

Ion Ratio Lower Upper

240 100

120 5.0 4.1 6.1

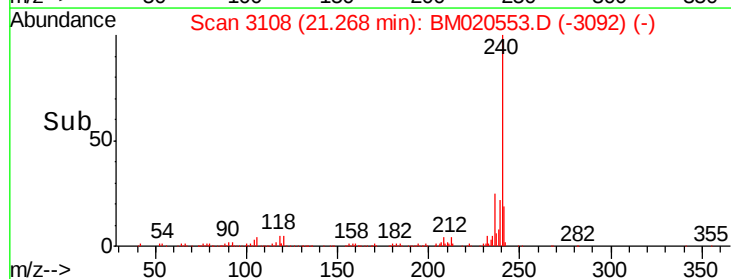
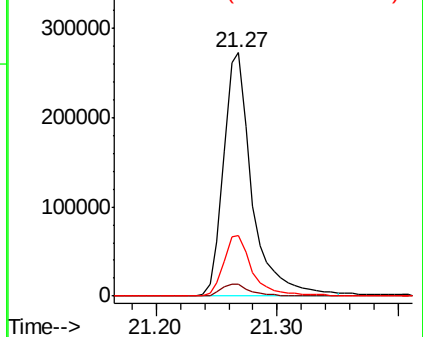
236 24.9 20.2 30.4

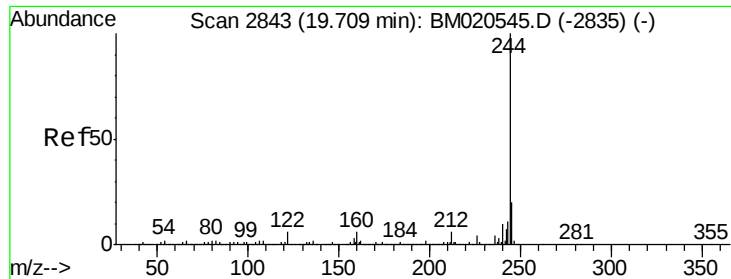


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



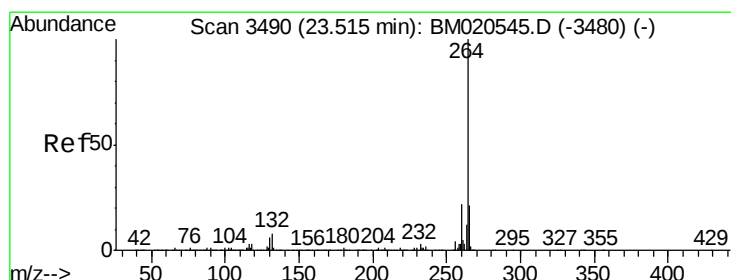
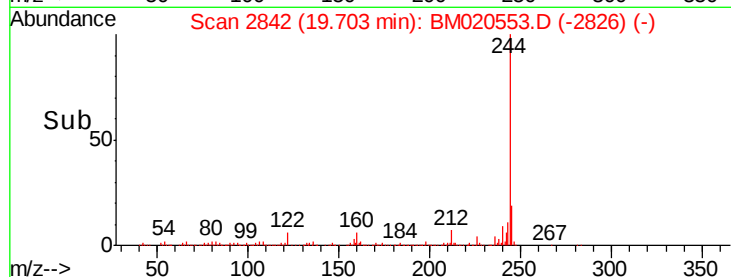
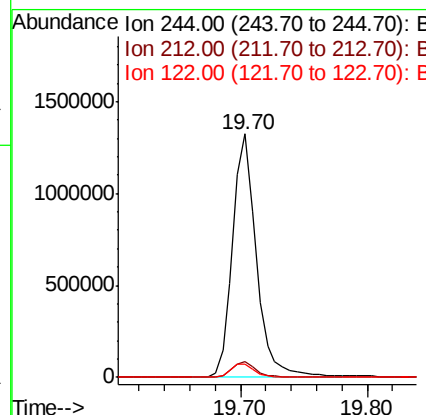
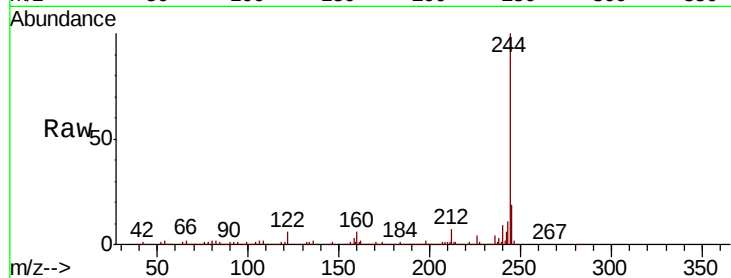


#79
 Terphenyl-d14
 Concen: 69.506 ng
 RT: 19.70 min Scan# 2842
 Delta R.T. -0.01 min
 Lab File: BM020553.D
 Acq: 24 May 2019 22:32

Instrument :
 BNA_M
 ClientSampleId :
 PB119999BL

Tot Ion:244 Resp: 1721348

Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.0	7.6
122	5.5	4.6	7.0



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.50 min Scan# 3488
 Delta R.T. -0.01 min
 Lab File: BM020553.D
 Acq: 24 May 2019 22:32

Tgt Ion:264 Resp: 517397

Ion	Ratio	Lower	Upper
264	100		
260	22.8	17.7	26.5
265	21.6	17.4	26.2

