

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052419\
 Data File : BM020554.D
 Acq On : 24 May 2019 23:08
 Operator : JU/SJ
 Sample : PB119999TB
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB119999TB

Quant Time: May 25 05:45:09 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	46056	20.00	ng	0.00
21) Naphthalene-d8	10.45	136	142844	20.00	ng	0.00
39) Acenaphthene-d10	14.32	164	114884	20.00	ng	0.00
64) Phenanthrene-d10	17.07	188	323457	20.00	ng	0.00
76) Chrysene-d12	21.26	240	444901	20.00	ng	-0.01
87) Perylene-d12	23.50	264	535511	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.25	112	282969	120.53	ng	0.00
7) Phenol-d6	6.84	99	382714	108.01	ng	0.00
23) Nitrobenzene-d5	8.83	82	239715	70.44	ng	0.00
42) 2,4,6-Tribromophenol	15.82	330	245356	106.60	ng	0.00
45) 2-Fluorobiphenyl	12.93	172	623417	68.09	ng	0.00
79) Terphenyl-d14	19.70	244	1651097	67.09	ng	0.00

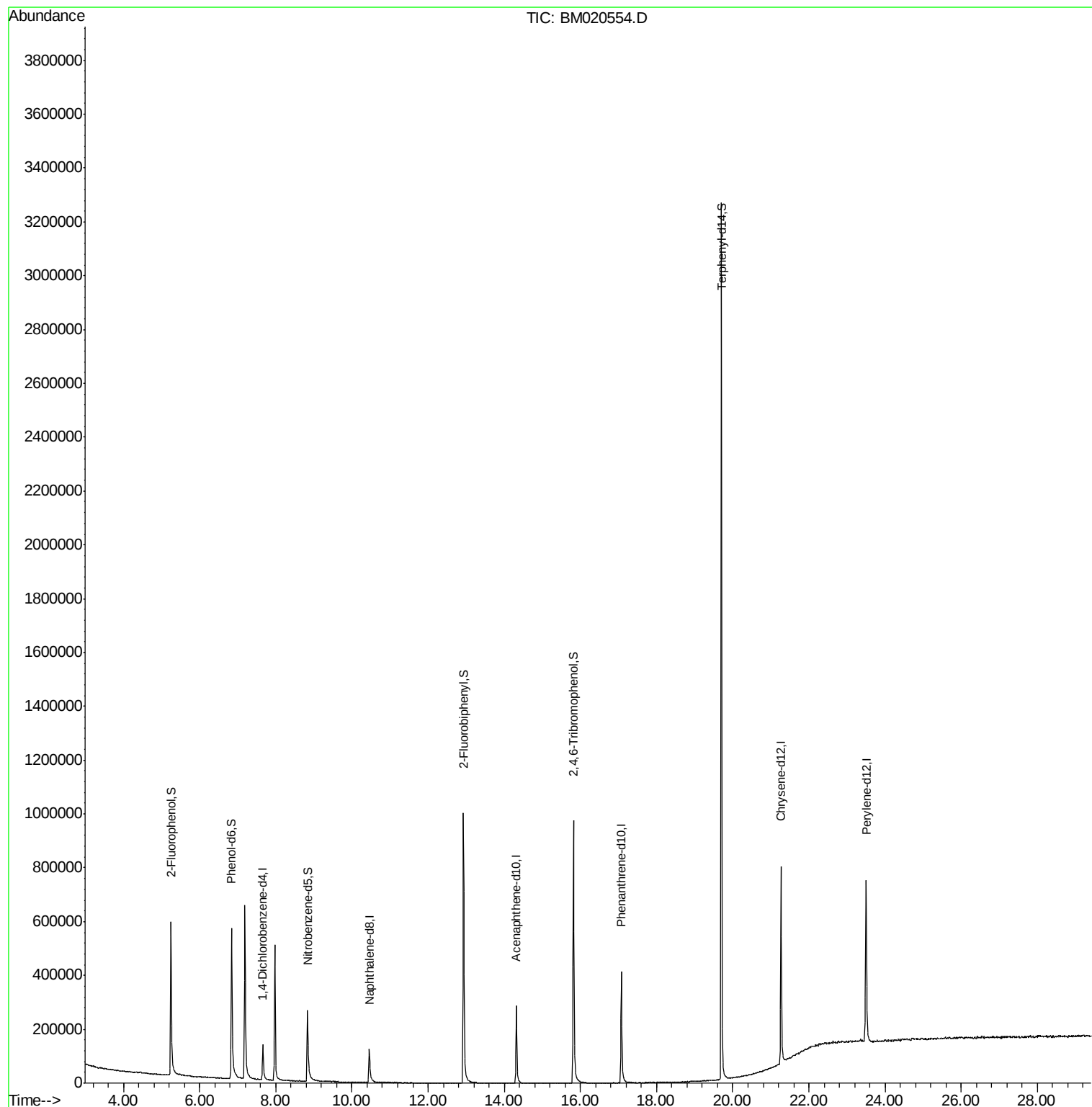
Target Compounds Qvalue

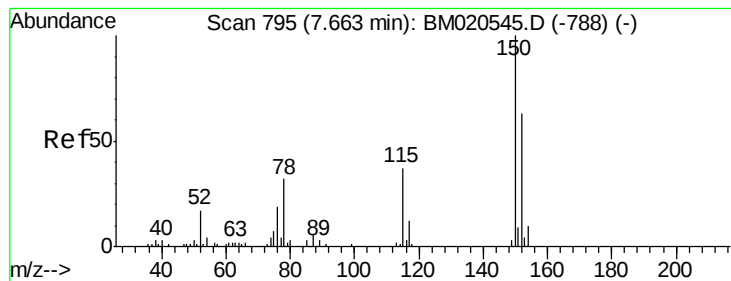
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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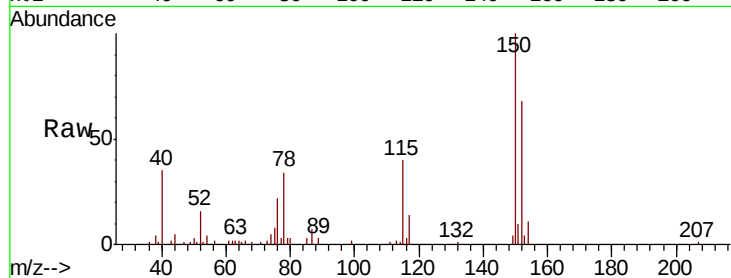


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.66 min Scan# 795
Delta R.T. 0.00 min
Lab File: BM020554.D
Acq: 24 May 2019 23:08

Instrument :
BNA_M
ClientSampleId :
PB119999TB

Tot Ion	Ratio	Lower	Upper
152	100		
150	147.0	126.6	190.0
115	58.8	46.6	70.0

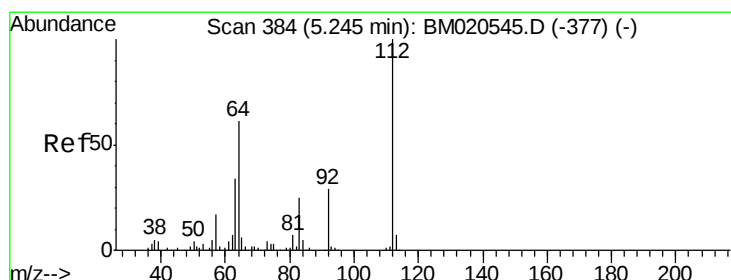
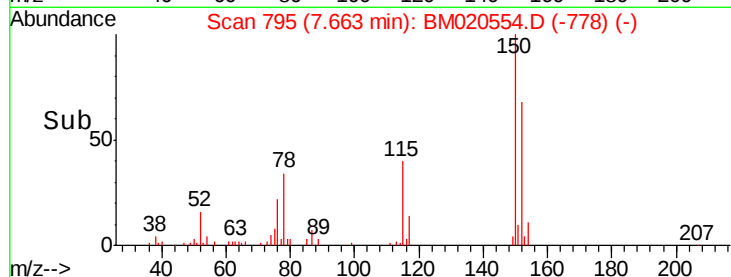
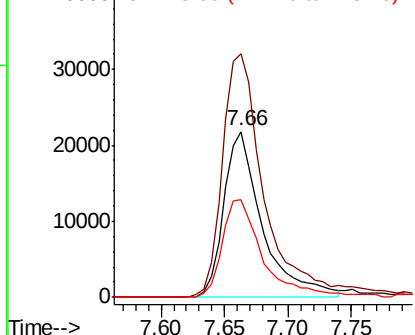


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

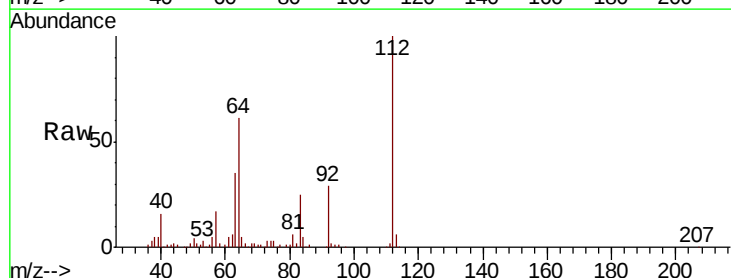
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 120.534 ng
RT: 5.25 min Scan# 384
Delta R.T. 0.00 min
Lab File: BM020554.D
Acq: 24 May 2019 23:08

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.8	48.6	73.0
63	34.9	27.4	41.0

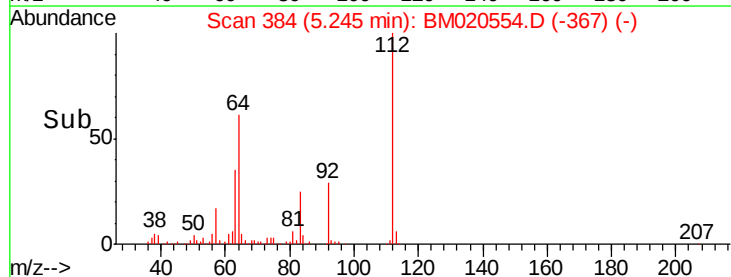
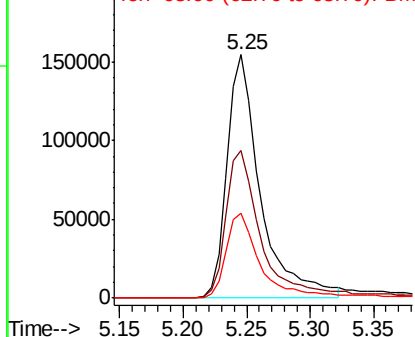


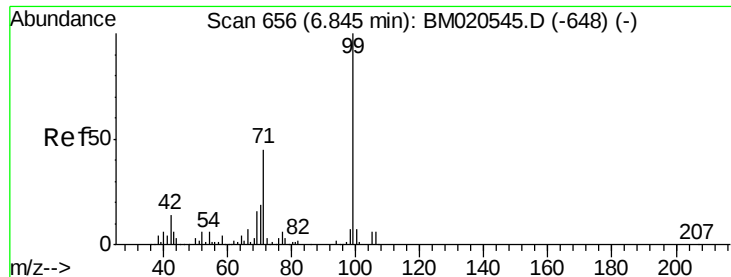
Abundance

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: 108.008 ng

RT: 6.84 min Scan# 655

Delta R.T. -0.01 min

Lab File: BM020554.D

Acq: 24 May 2019 23:08

Instrument :

BNA_M

ClientSampleId :

PB119999TB

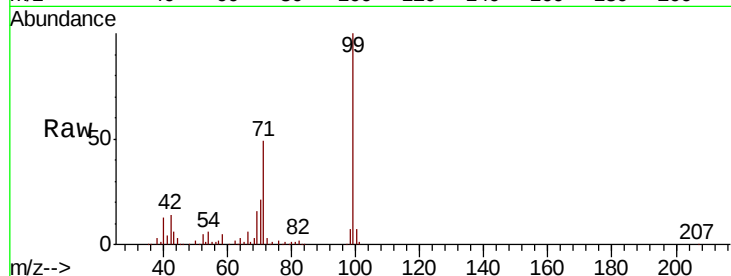
Tot Ion: 99 Resp: 382714

Ion Ratio Lower Upper

99 100

42 14.1 10.8 16.2

71 48.7 36.3 54.5

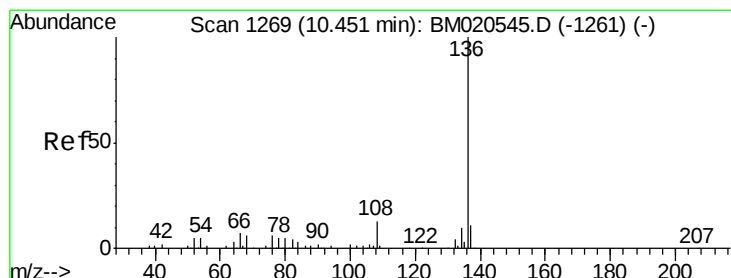
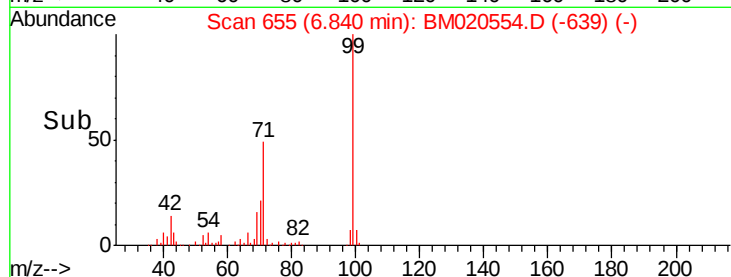
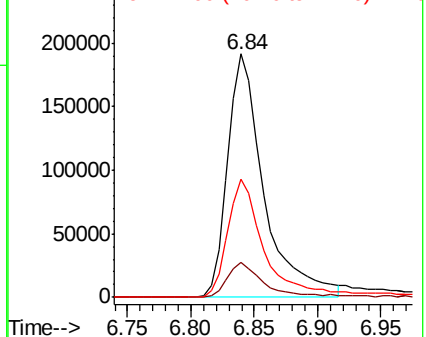


Abundance

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: BM020554.D

Acq: 24 May 2019 23:08

Tgt Ion: 136 Resp: 142844

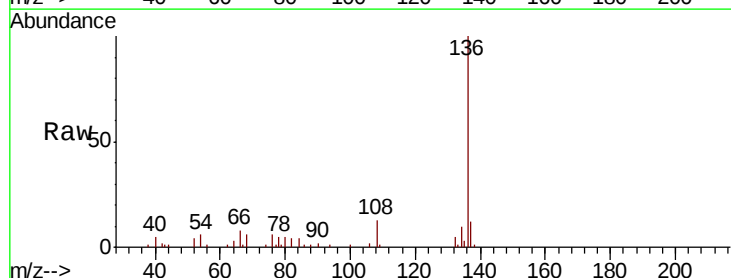
Ion Ratio Lower Upper

136 100

137 12.1 8.4 12.6

54 5.9 4.2 6.4

68 6.3 4.6 7.0



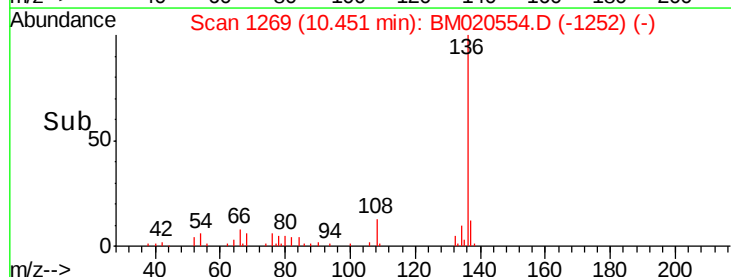
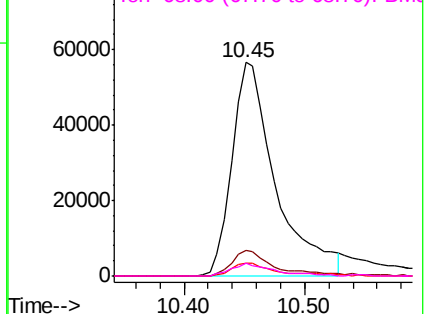
Abundance

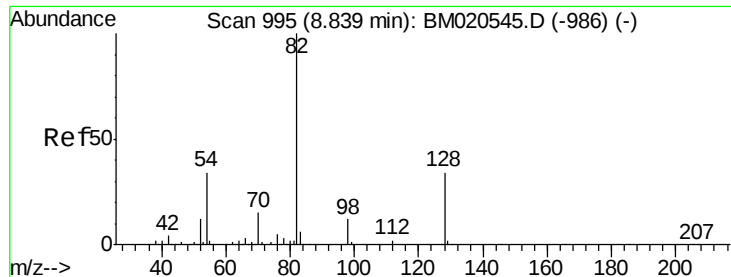
Ion 136.00 (135.70 to 136.70): BM020545.D (-1261) (-)

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) (-)

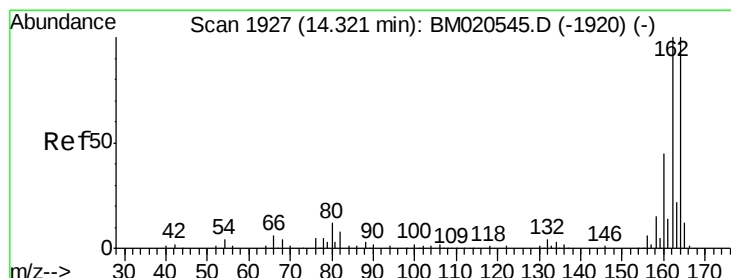
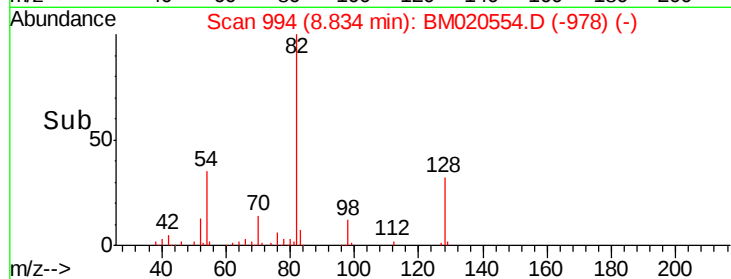
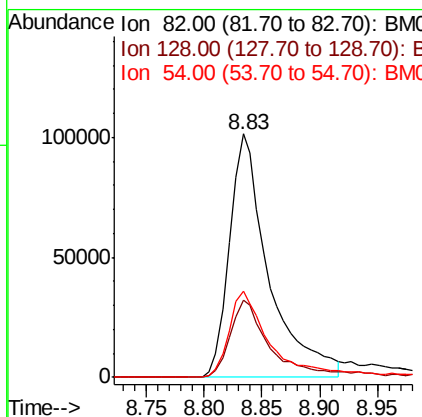
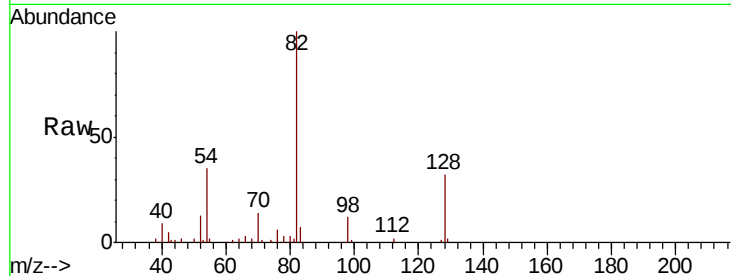




#23
 Nitrobenzene-d5
 Concen: 70.437 ng
 RT: 8.83 min Scan# 994
 Delta R.T. -0.01 min
 Lab File: BM020554.D
 Acq: 24 May 2019 23:08

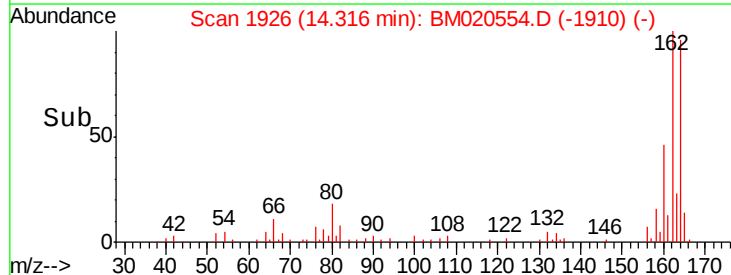
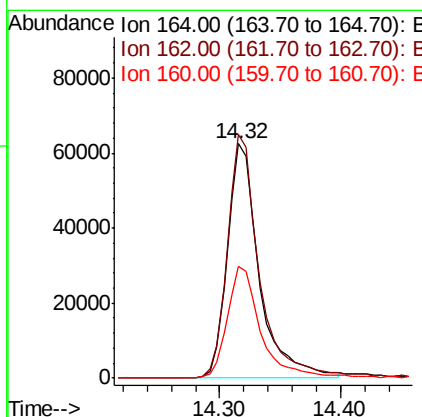
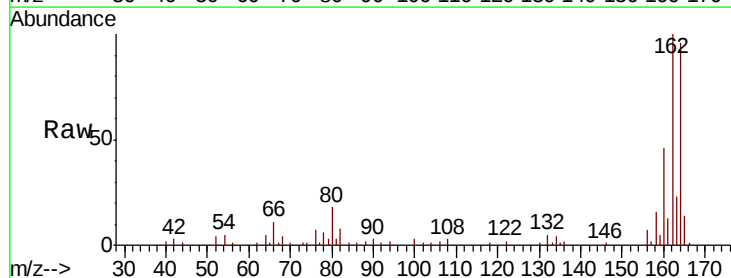
Instrument :
 BNA_M
 ClientSampleId :
 PB119999TB

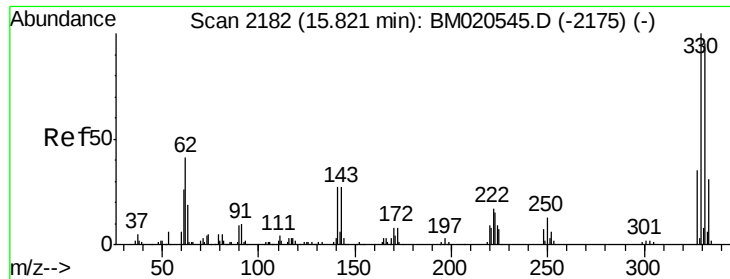
Tot Ion	82	Resp	239715
Ion Ratio	Lower	Upper	
82	100		
128	31.6	27.0	40.4
54	35.4	27.4	41.2



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.32 min Scan# 1926
 Delta R.T. -0.01 min
 Lab File: BM020554.D
 Acq: 24 May 2019 23:08

Tgt Ion	164	Resp	114884
Ion Ratio	Lower	Upper	
164	100		
162	103.8	79.8	119.8
160	47.7	35.9	53.9

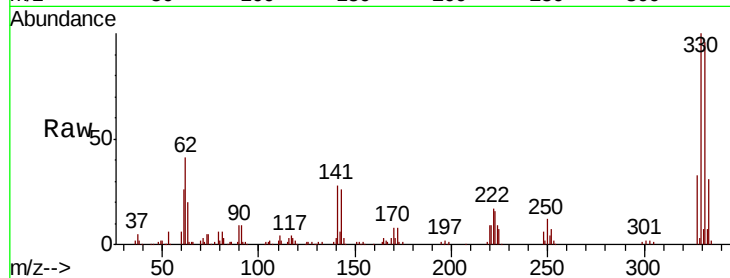




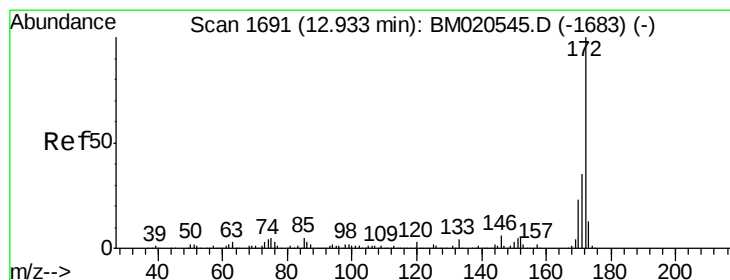
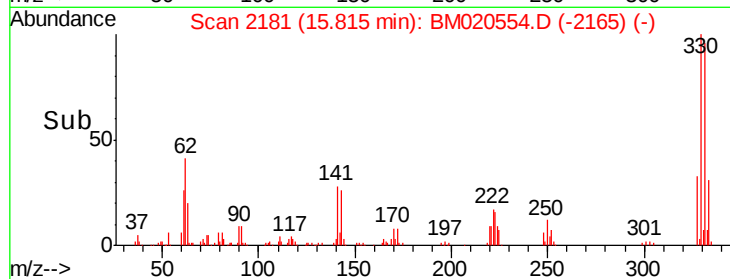
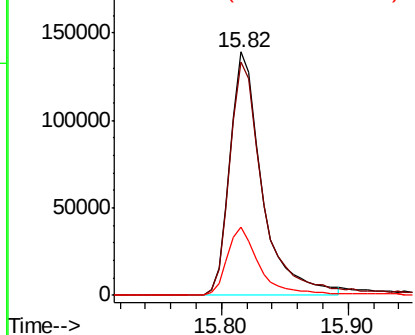
#42
 2,4,6-Tribromophenol
 Concen: 106.600 ng
 RT: 15.82 min Scan# 2181
 Delta R.T. -0.01 min
 Lab File: BM020554.D
 Acq: 24 May 2019 23:08

Instrument :
 BNA_M
 ClientSampleId :
 PB119999TB

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.0	77.5	116.3
141	27.8	21.7	32.5

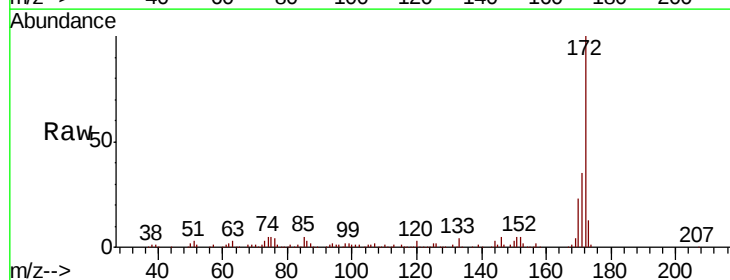


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

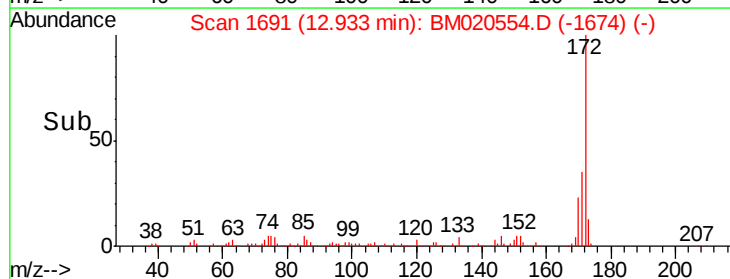
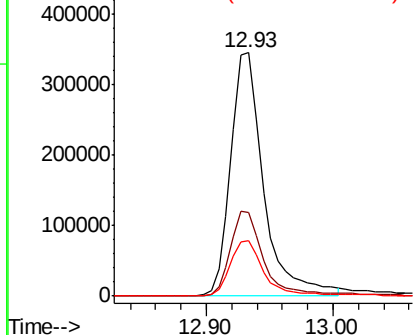


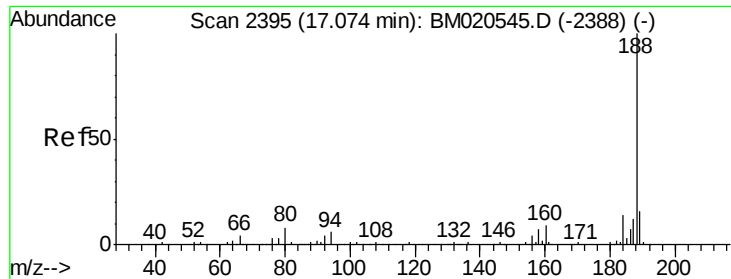
#45
 2-Fluorobiphenyl
 Concen: 68.092 ng
 RT: 12.93 min Scan# 1691
 Delta R.T. 0.00 min
 Lab File: BM020554.D
 Acq: 24 May 2019 23:08

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.5	27.9	41.9
170	22.6	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: BM020554.D

Acq: 24 May 2019 23:08

Instrument :

BNA_M

ClientSampleId :

PB119999TB

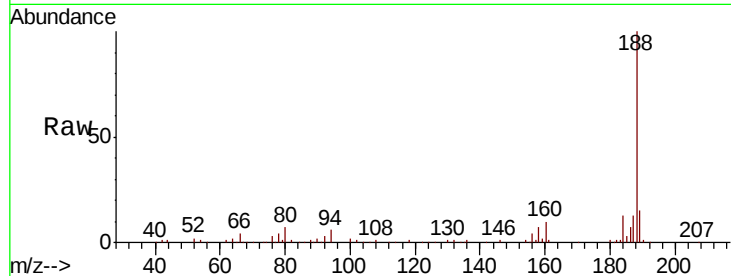
Tot Ion:188 Resp: 323457

Ion Ratio Lower Upper

188 100

94 6.2 5.0 7.4

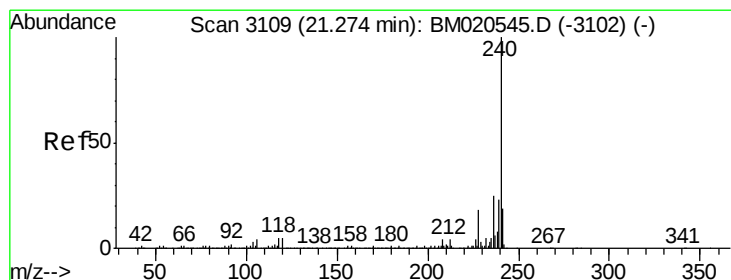
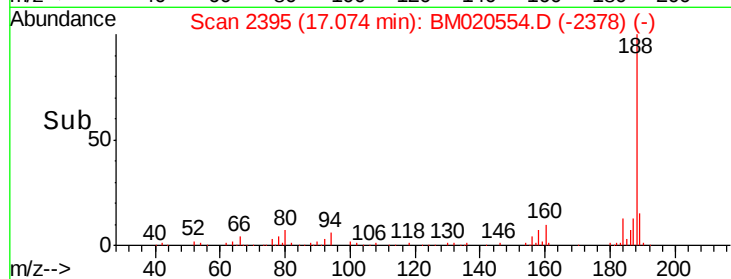
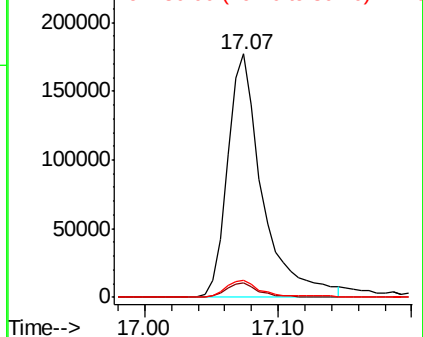
80 7.2 6.5 9.7



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: 21.26 min Scan# 3107

Delta R.T. -0.01 min

Lab File: BM020554.D

Acq: 24 May 2019 23:08

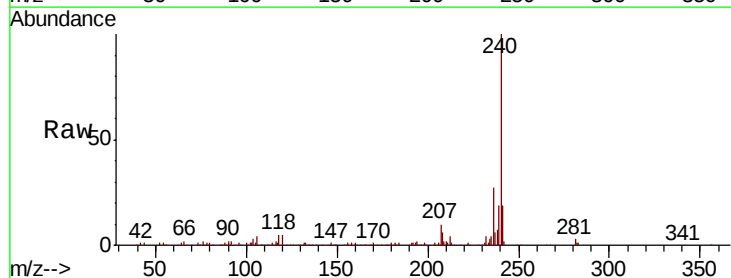
Tgt Ion:240 Resp: 444901

Ion Ratio Lower Upper

240 100

120 5.1 4.1 6.1

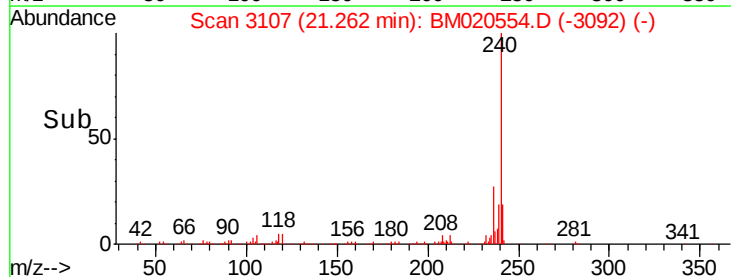
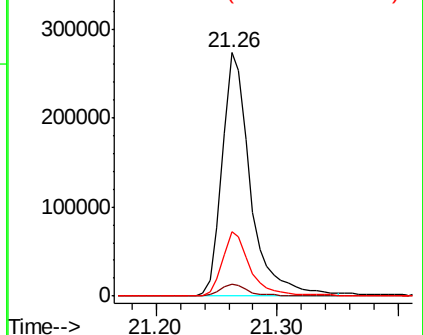
236 26.7 20.2 30.4

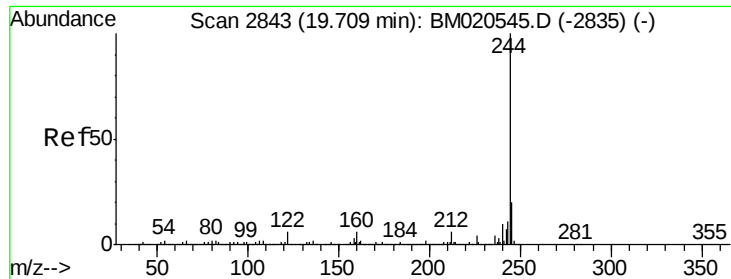


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 67.090 ng

RT: 19.70 min Scan# 2842

Delta R.T. -0.01 min

Lab File: BM020554.D

Acq: 24 May 2019 23:08

Instrument :

BNA_M

ClientSampleId :

PB119999TB

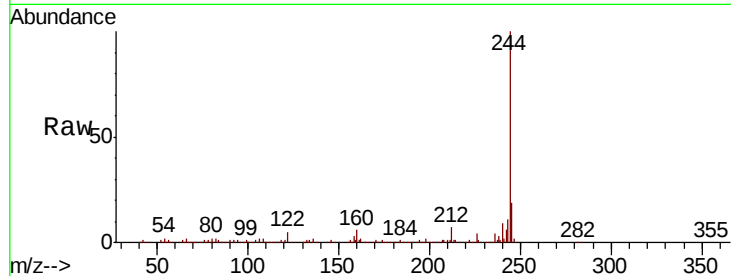
Tot Ion:244 Resp: 1651097

Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.0	7.6
122	5.4	4.6	7.0

244 100

212 6.8 5.0 7.6

122 5.4 4.6 7.0

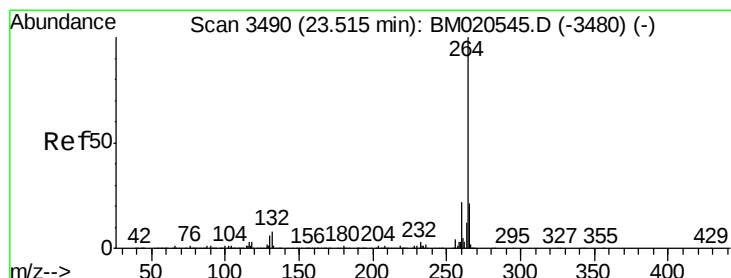
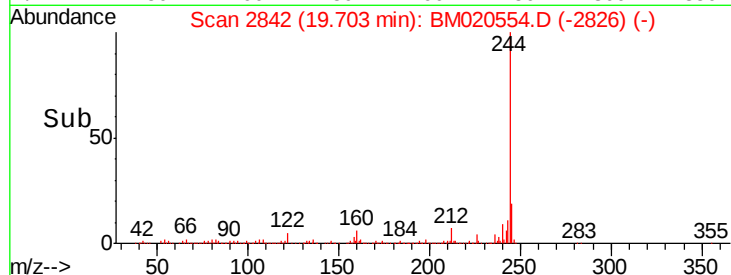
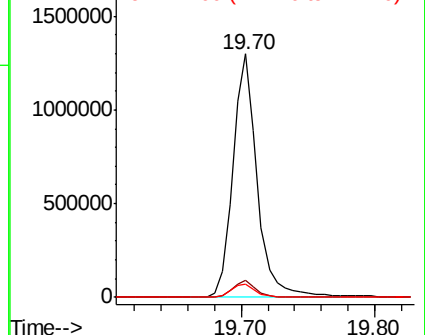


Abundance

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: 23.50 min Scan# 3488

Delta R.T. -0.01 min

Lab File: BM020554.D

Acq: 24 May 2019 23:08

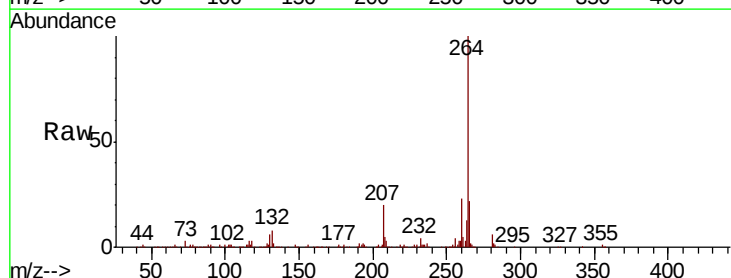
Tgt Ion:264 Resp: 535511

Ion	Ratio	Lower	Upper
264	100		
260	22.6	17.7	26.5
265	21.8	17.4	26.2

264 100

260 22.6 17.7 26.5

265 21.8 17.4 26.2



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

