

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM051019\
 Data File : BM020253.D
 Acq On : 10 May 2019 23:42
 Operator : JU/SJ
 Sample : K2771-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 FK-PS-01-047

Quant Time: May 11 01:52:02 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM043019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 01 03:58:37 2019
 Response via : Initial Calibration

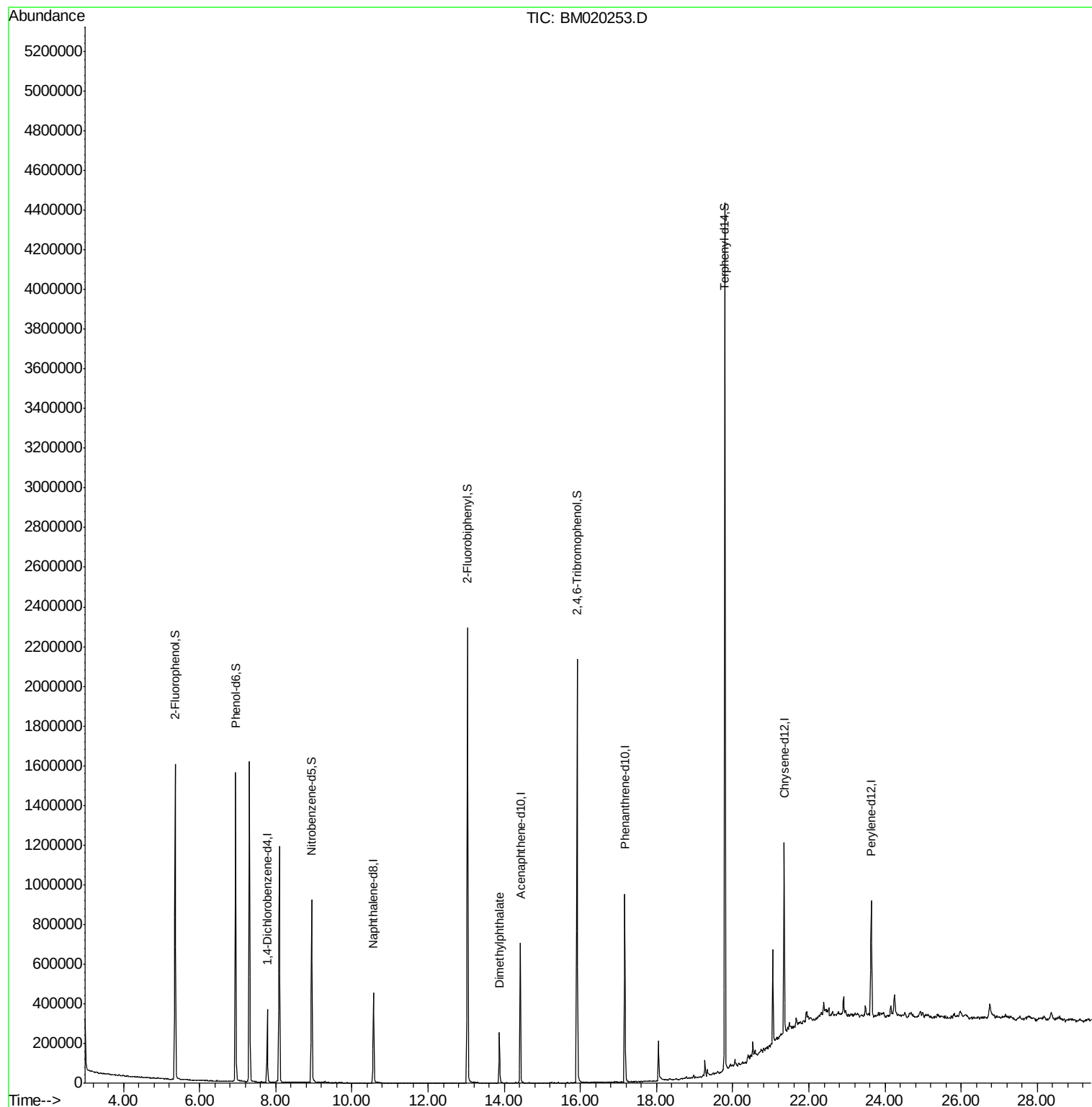
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	93224	20.00	ng	-0.02
21) Naphthalene-d8	10.57	136	359897	20.00	ng	-0.02
39) Acenaphthene-d10	14.42	164	231554	20.00	ng	-0.02
64) Phenanthrene-d10	17.17	188	564182	20.00	ng	-0.01
76) Chrysene-d12	21.35	240	434273	20.00	ng	-0.02
87) Perylene-d12	23.64	264	435647	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	618833	108.51	ng	-0.01
7) Phenol-d6	6.95	99	877370	112.61	ng	0.00
23) Nitrobenzene-d5	8.94	82	603197	66.17	ng	-0.02
42) 2,4,6-Tribromophenol	15.92	330	419455	116.70	ng	0.00
45) 2-Fluorobiphenyl	13.04	172	1209359	64.26	ng	-0.02
79) Terphenyl-d14	19.79	244	1987547	79.83	ng	-0.02
Target Compounds						
50) Dimethylphthalate	13.87	163	155598	7.906	ng	Qvalue 99

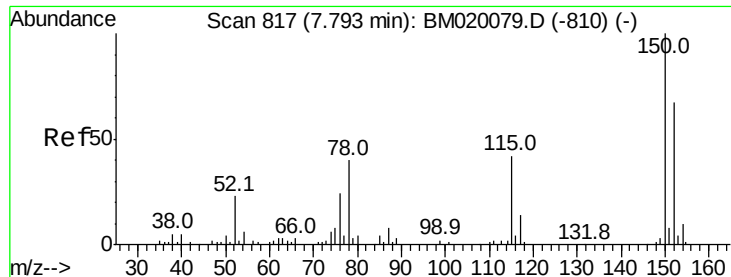
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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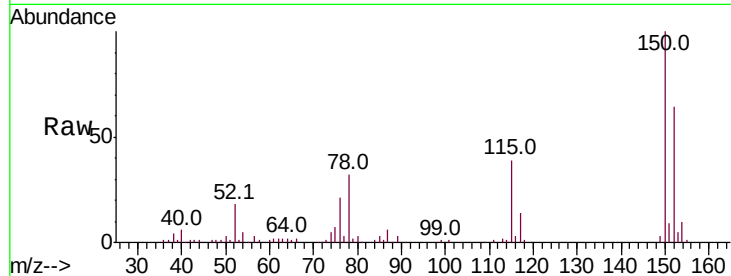


#1

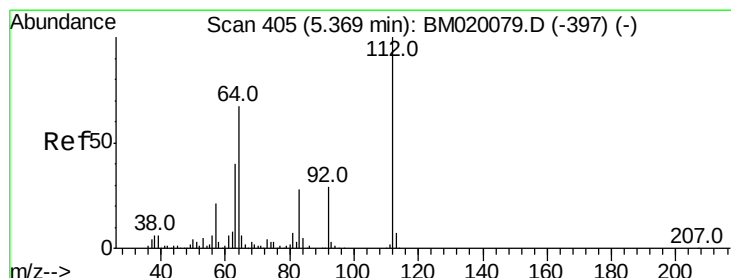
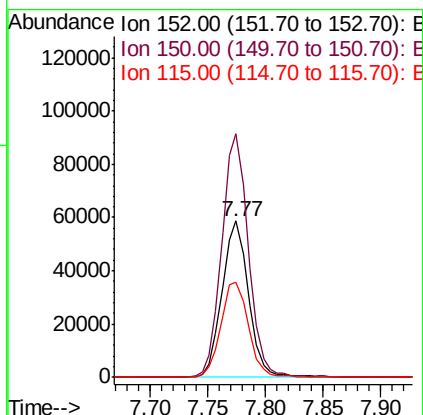
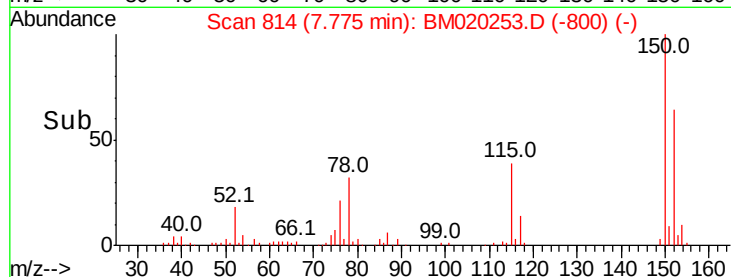
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.77 min Scan# 814
 Delta R.T. -0.02 min
 Lab File: BM020253.D
 Acq: 10 May 2019 23:42

Instrument :
 BNA_M
 ClientSampleId :
 FK-PS-01-047

Tot Ion:152 Resp: 93224
 Ion Ratio Lower Upper
 152 100
 150 155.6 119.8 179.8
 115 60.7 50.8 76.2



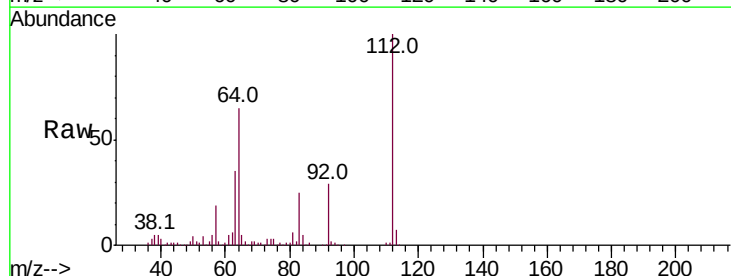
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



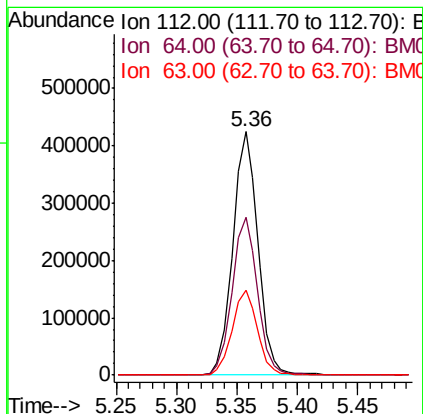
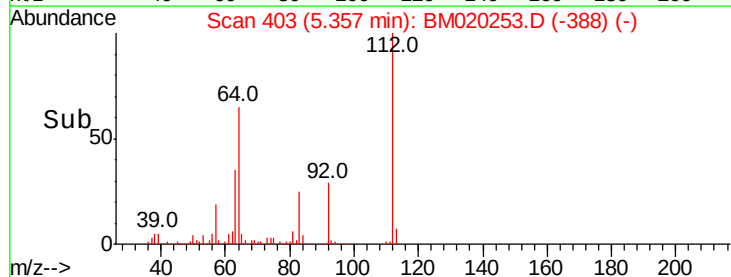
#5

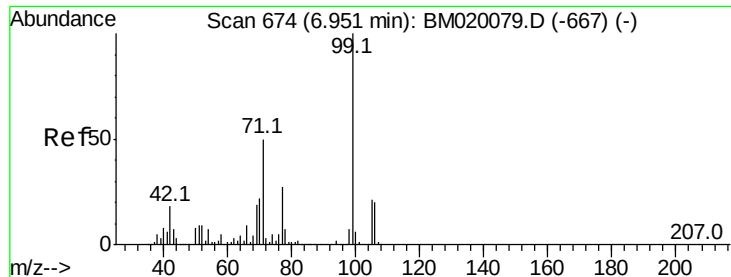
2-Fluorophenol
 Concen: 108.506 ng
 RT: 5.36 min Scan# 403
 Delta R.T. -0.01 min
 Lab File: BM020253.D
 Acq: 10 May 2019 23:42

Tgt Ion:112 Resp: 618833
 Ion Ratio Lower Upper
 112 100
 64 64.8 53.8 80.6
 63 34.9 32.3 48.5



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: 112.608 ng

RT: 6.95 min Scan# 673

Delta R.T. -0.01 min

Lab File: BM020253.D

Acq: 10 May 2019 23:42

Instrument :

BNA_M

ClientSampleId :

FK-PS-01-047

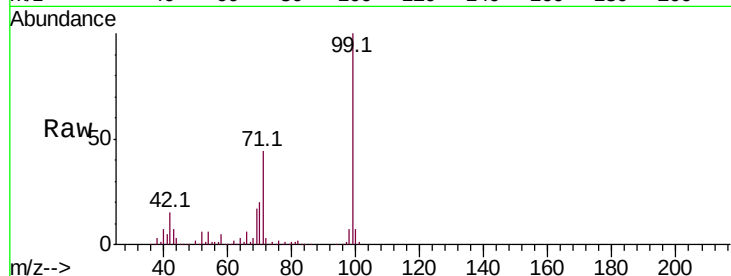
Tot Ion: 99 Resp: 877370

Ion Ratio Lower Upper

99 100

42 14.5 14.2 21.2

71 44.3 40.3 60.5



Abundance Ion 99.00 (98.70 to 99.70): BM020079.D (-667) (-)

Ion 42.00 (41.70 to 42.70): BM020079.D (-667) (-)

Ion 71.00 (70.70 to 71.70): BM020079.D (-667) (-)

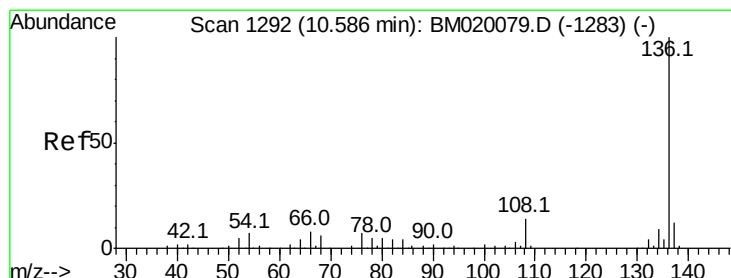
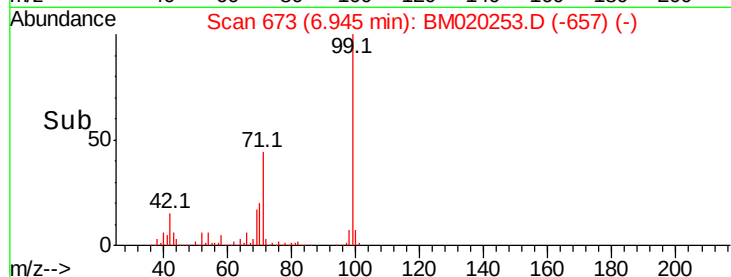
6.95

400000

200000

0

Time-->



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.57 min Scan# 1289

Delta R.T. -0.02 min

Lab File: BM020253.D

Acq: 10 May 2019 23:42

Tgt Ion: 136 Resp: 359897

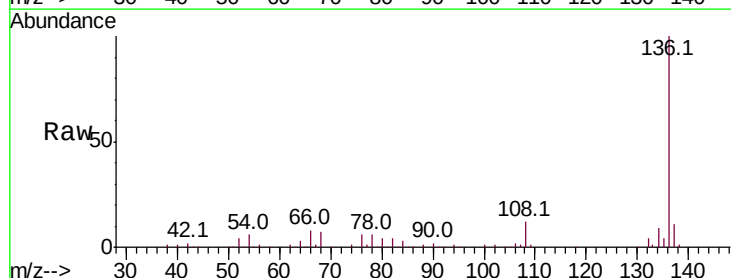
Ion Ratio Lower Upper

136 100

137 10.7 9.6 14.4

54 6.3 5.5 8.3

68 6.7 4.6 6.8



Abundance Ion 136.00 (135.70 to 136.70): BM020079.D (-1283) (-)

Ion 137.00 (136.70 to 137.70): BM020079.D (-1283) (-)

Ion 54.00 (53.70 to 54.70): BM020079.D (-1283) (-)

Ion 68.00 (67.70 to 68.70): BM020079.D (-1283) (-)

10.57

300000

250000

200000

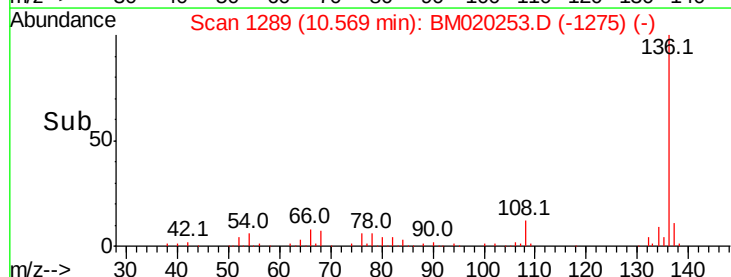
150000

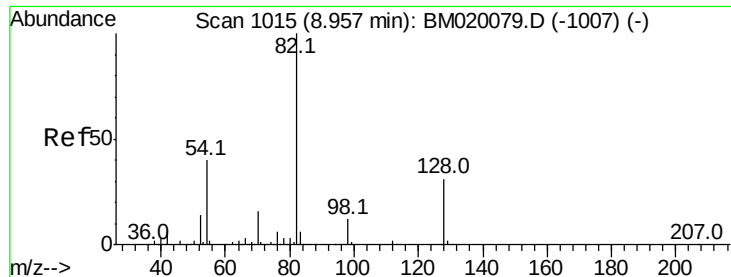
100000

50000

0

Time-->

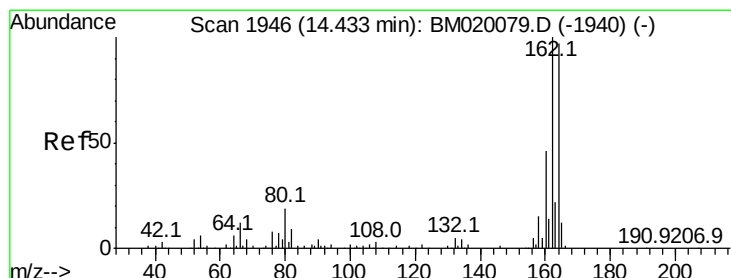
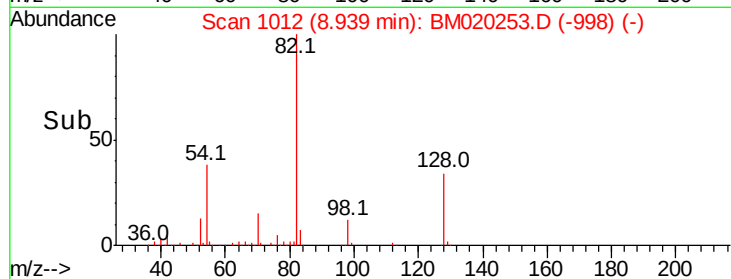
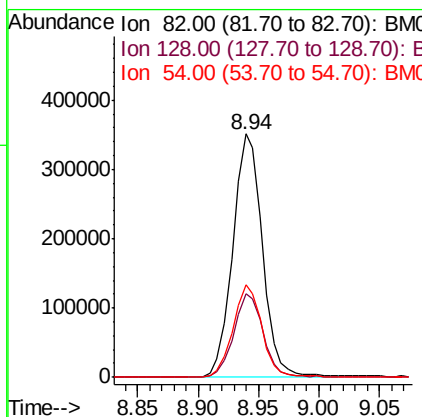
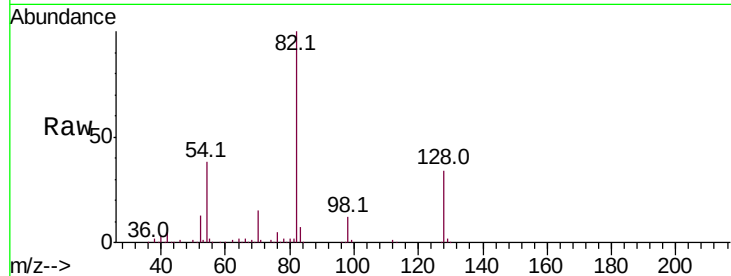




#23
Nitrobenzene-d5
Concen: 66.170 ng
RT: 8.94 min Scan# 1012
Delta R.T. -0.02 min
Lab File: BM020253.D
Acq: 10 May 2019 23:42

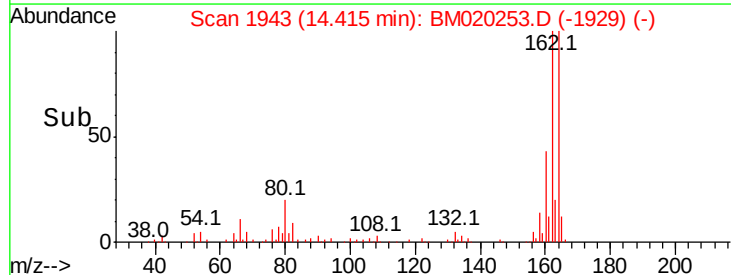
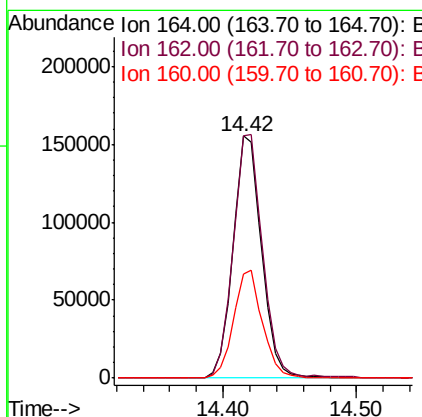
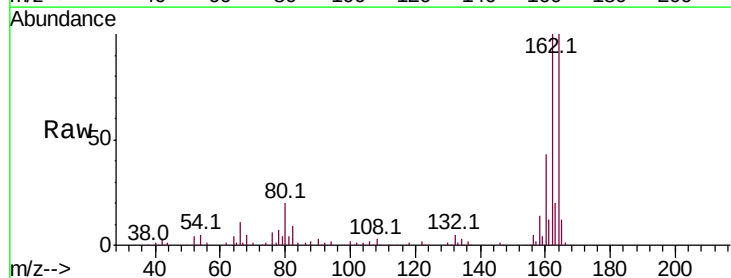
Instrument :
BNA_M
ClientSampleId :
FK-PS-01-047

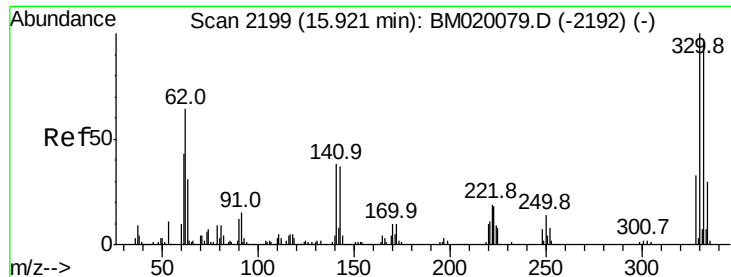
Tot Ion	Ratio	Lower	Upper
82	100		
128	34.3	25.2	37.8
54	38.0	31.9	47.9



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.42 min Scan# 1943
Delta R.T. -0.02 min
Lab File: BM020253.D
Acq: 10 May 2019 23:42

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.0	82.2	123.2
160	43.1	37.6	56.4

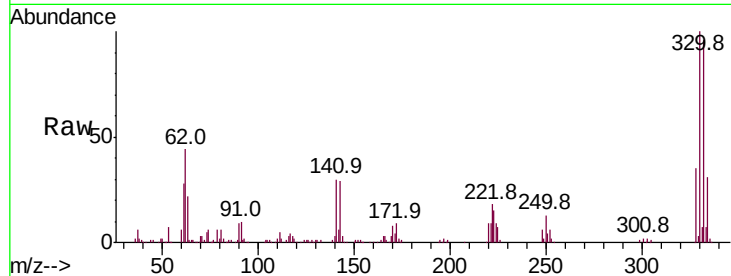




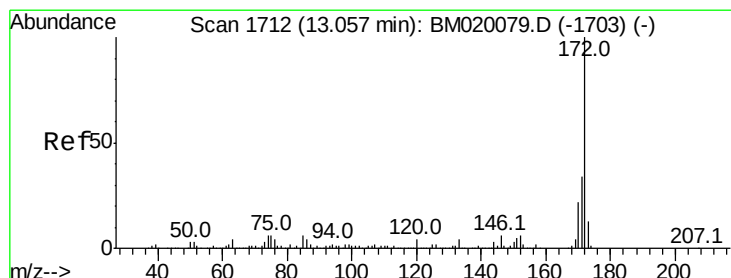
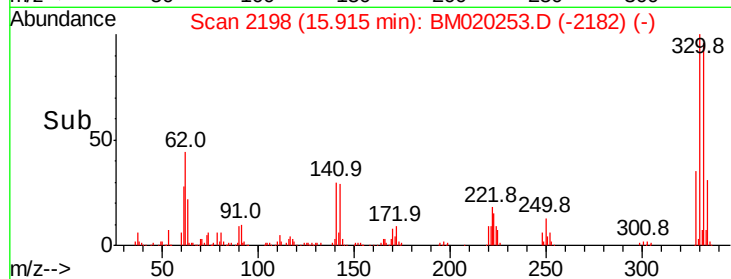
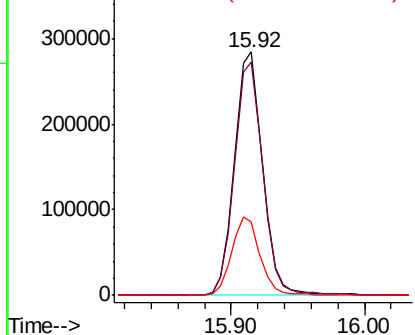
#42
 2,4,6-Tribromophenol
 Concen: 116.705 ng
 RT: 15.92 min Scan# 2198
 Delta R.T. -0.01 min
 Lab File: BM020253.D
 Acq: 10 May 2019 23:42

Instrument :
 BNA_M
 ClientSampleId :
 FK-PS-01-047

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.4	76.8	115.2
141	32.5	29.2	43.8

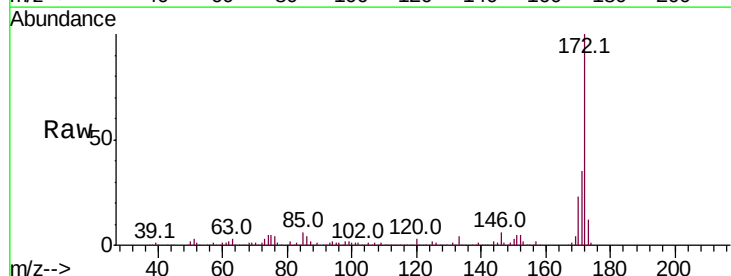


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

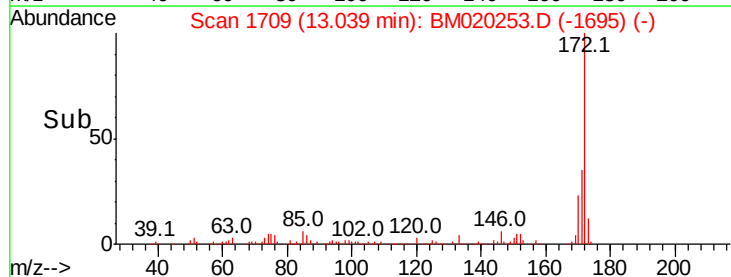
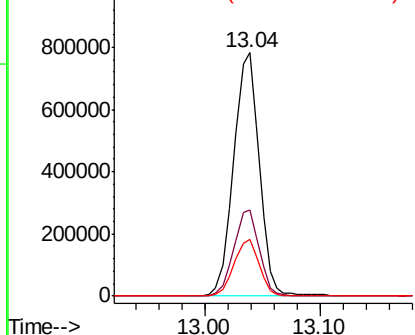


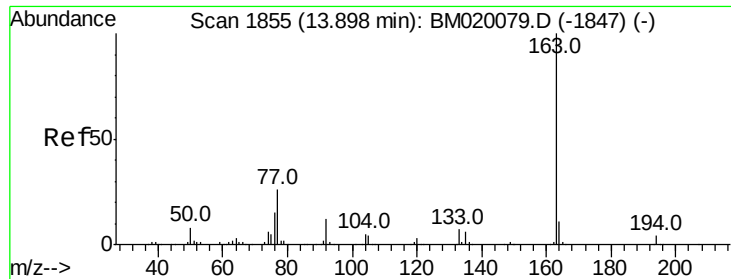
#45
 2-Fluorobiphenyl
 Concen: 64.259 ng
 RT: 13.04 min Scan# 1709
 Delta R.T. -0.02 min
 Lab File: BM020253.D
 Acq: 10 May 2019 23:42

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.4	27.3	40.9
170	23.3	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





#50

Dimethylphthalate

Concen: 7.906 ng

RT: 13.87 min Scan# 1851

Delta R.T. -0.02 min

Lab File: BM020253.D

Acq: 10 May 2019 23:42

Instrument :

BNA_M

ClientSampleId :

FK-PS-01-047

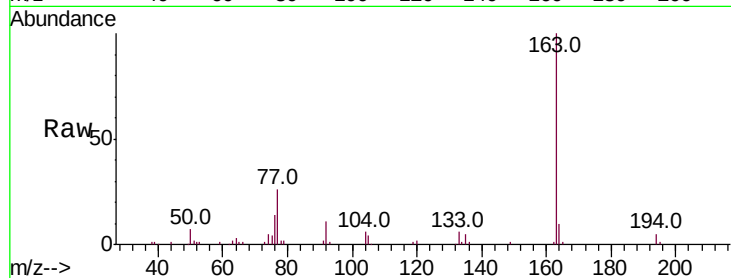
Tot Ion:163 Resp: 155598

Ion Ratio Lower Upper

163 100

194 4.7 3.6 5.4

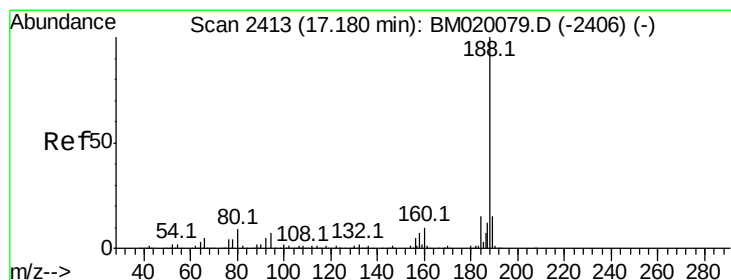
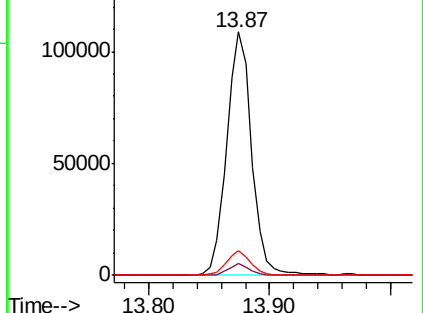
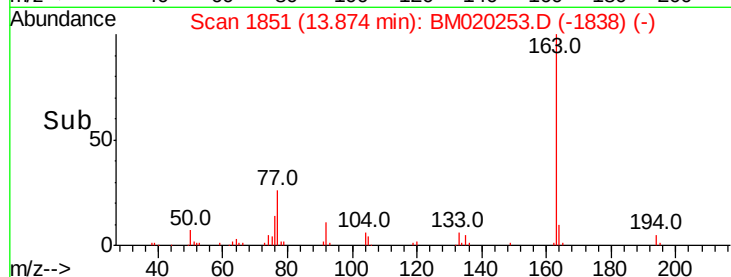
164 10.2 8.4 12.6



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.17 min Scan# 2411

Delta R.T. -0.01 min

Lab File: BM020253.D

Acq: 10 May 2019 23:42

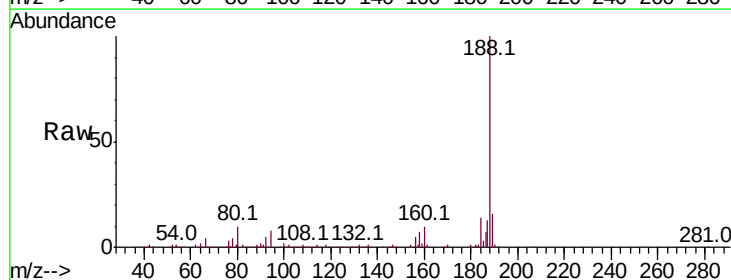
Tgt Ion:188 Resp: 564182

Ion Ratio Lower Upper

188 100

94 7.8 5.8 8.6

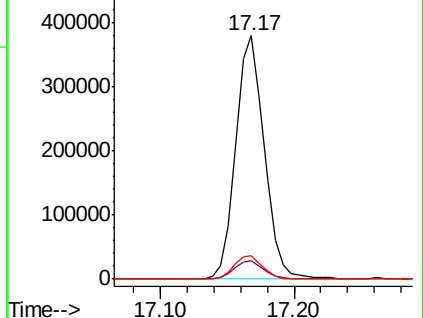
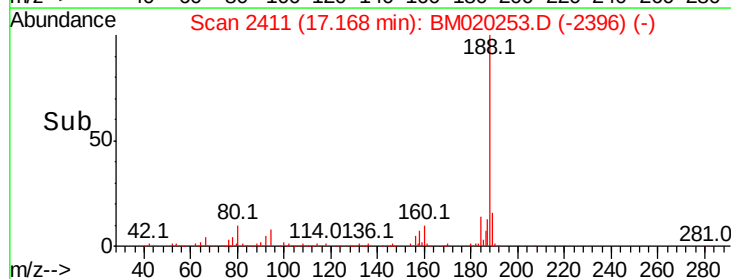
80 9.7 7.4 11.2

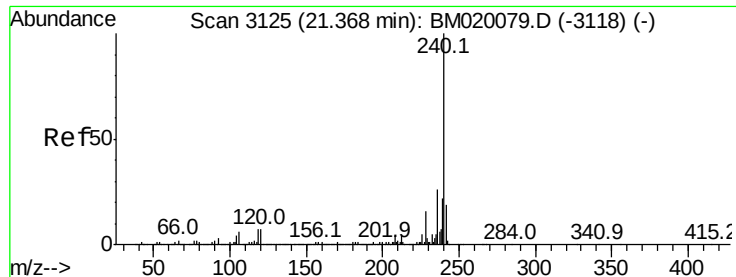


Abundance Ion 188.00 (187.70 to 188.70): E

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: 21.35 min Scan# 3122

Delta R.T. -0.02 min

Lab File: BM020253.D

Acq: 10 May 2019 23:42

Instrument :

BNA_M

ClientSampleId :

FK-PS-01-047

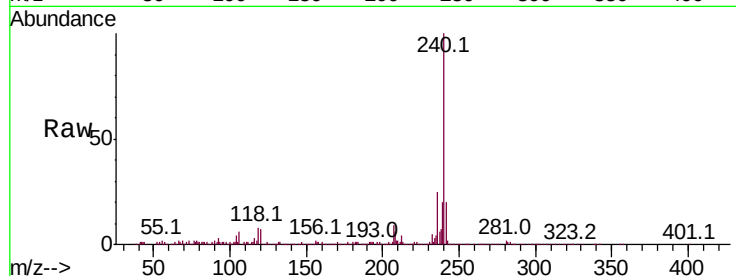
Tot Ion:240 Resp: 434273

Ion Ratio Lower Upper

240 100

120 7.4 5.6 8.4

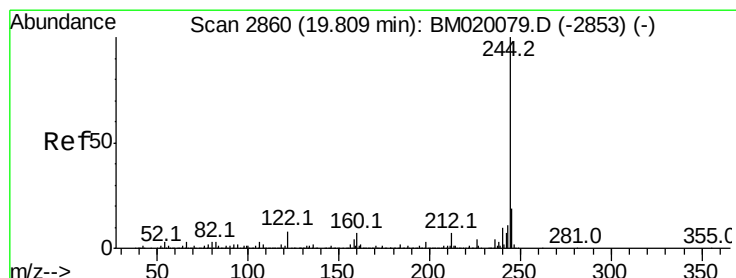
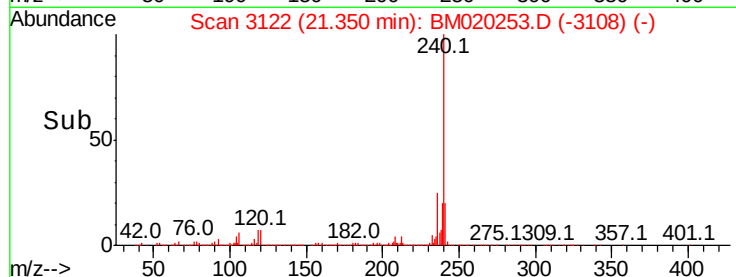
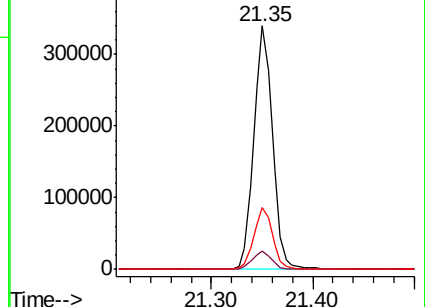
236 25.4 20.9 31.3



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: 79.828 ng

RT: 19.79 min Scan# 2857

Delta R.T. -0.02 min

Lab File: BM020253.D

Acq: 10 May 2019 23:42

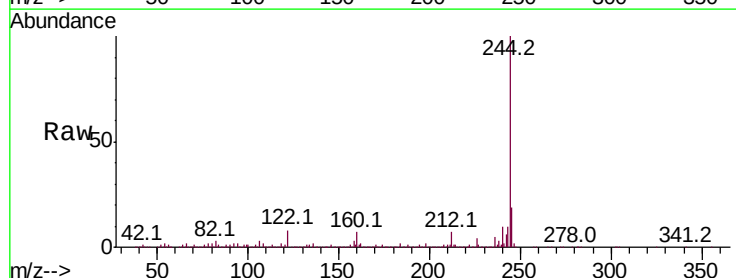
Tgt Ion:244 Resp: 1987547

Ion Ratio Lower Upper

244 100

212 6.8 5.7 8.5

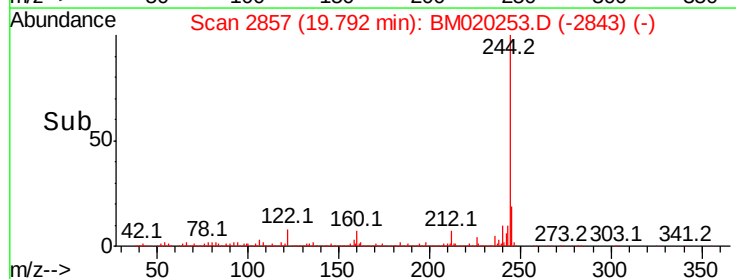
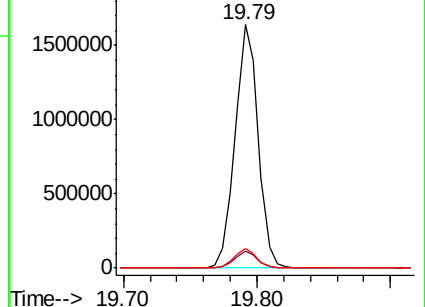
122 7.8 6.2 9.2

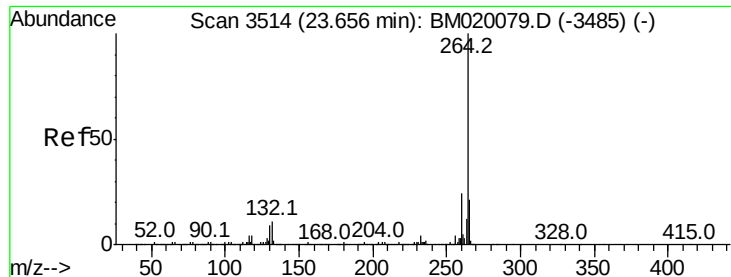


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#87
Pervlene-d12
Concen: 20.000 ng
RT: 23.64 min Scan# 3511
Delta R.T. -0.02 min
Lab File: BM020253.D
Acq: 10 May 2019 23:42

Instrument :
BNA_M
ClientSampleId :
FK-PS-01-047

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.5	19.2	28.8
265	21.8	16.9	25.3

