

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052319\
 Data File : BM020514.D
 Acq On : 23 May 2019 14:07
 Operator : JU/SJ
 Sample : K2966-02
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 FESB-14(4.5-5)

Quant Time: May 23 14:53:07 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM043019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 23 13:59:00 2019
 Response via : Initial Calibration

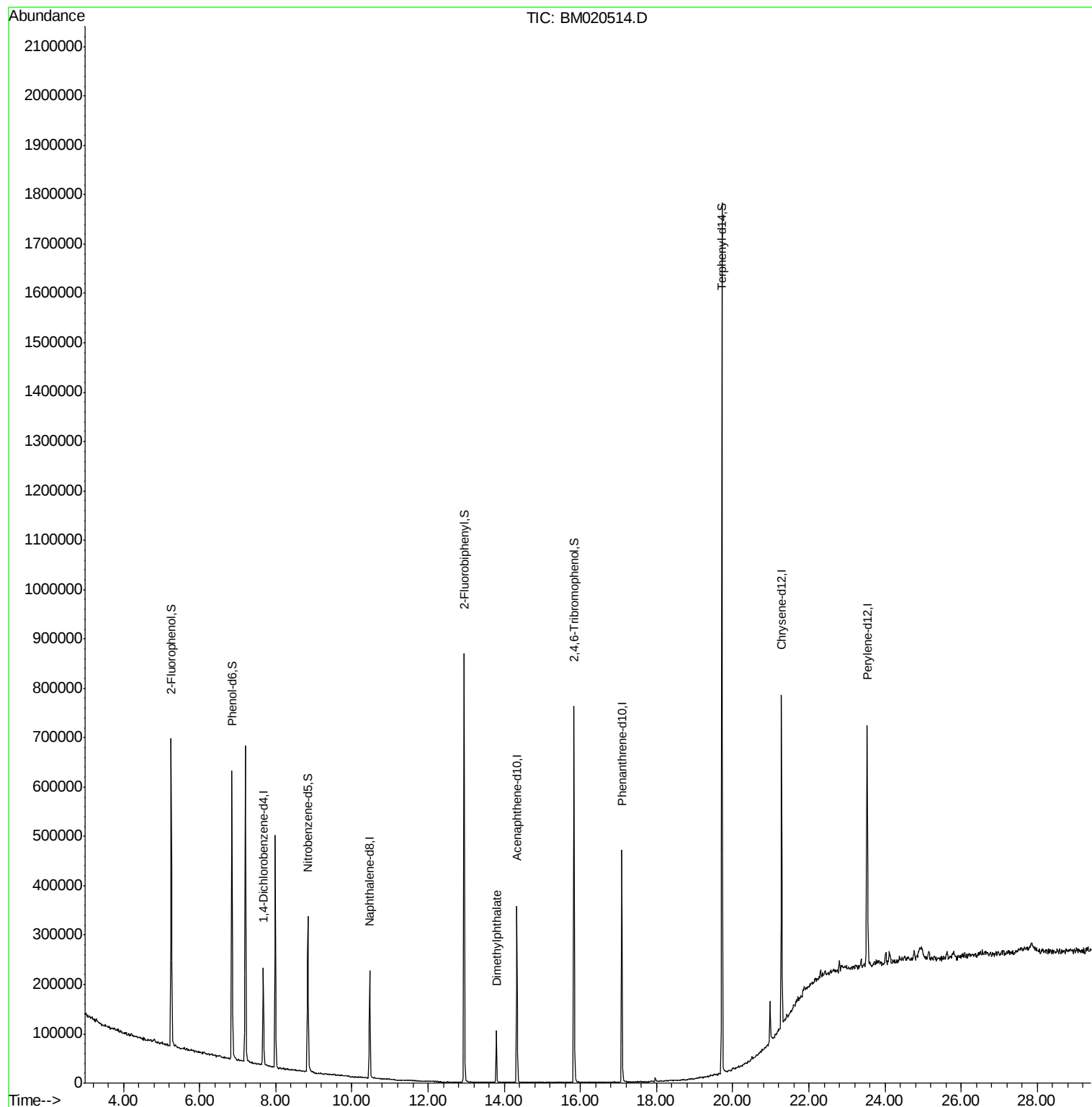
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	54939	20.00	ng	0.00
21) Naphthalene-d8	10.46	136	183323	20.00	ng	0.00
39) Acenaphthene-d10	14.33	164	112300	20.00	ng	0.00
64) Phenanthrene-d10	17.09	188	277977	20.00	ng	0.00
76) Chrysene-d12	21.28	240	312644	20.00	ng	0.00
87) Perylene-d12	23.53	264	360577	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.25	112	257678	76.67	ng	0.00
7) Phenol-d6	6.85	99	344132	74.95	ng	0.00
23) Nitrobenzene-d5	8.84	82	222608	47.94	ng	0.00
42) 2,4,6-Tribromophenol	15.83	330	154454	88.61	ng	0.00
45) 2-Fluorobiphenyl	12.95	172	458365	50.22	ng	0.00
79) Terphenyl-d14	19.72	244	827993	46.19	ng	0.00
Target Compounds						
50) Dimethylphthalate	13.79	163	66211	6.937	ng	Qvalue 98

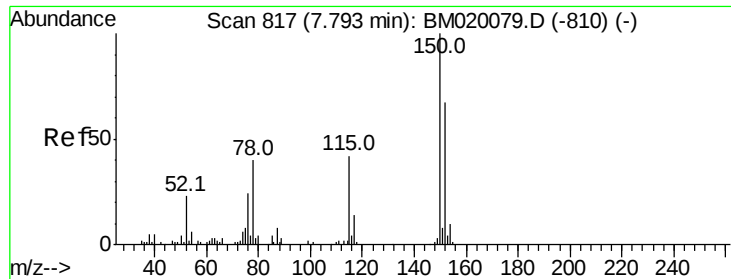
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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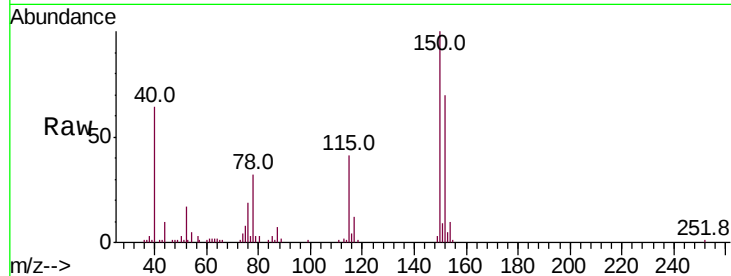


#1

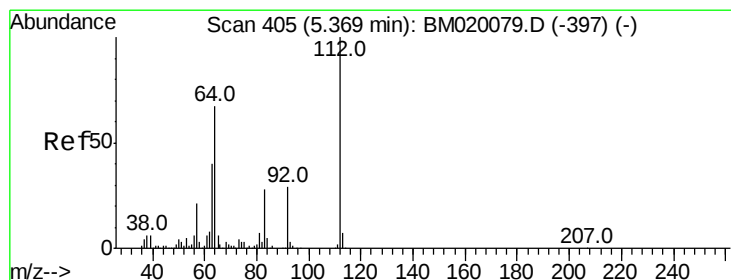
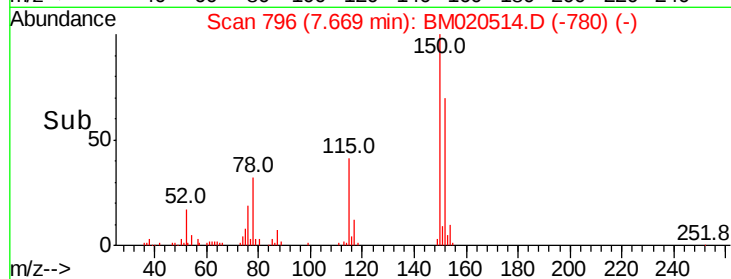
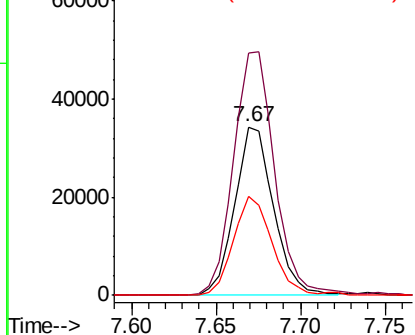
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.67 min Scan# 796
Delta R.T. -0.01 min
Lab File: BM020514.D
Acq: 23 May 2019 14:07

Instrument :
BNA_M
ClientSampleId :
FESB-14(4.5-5)

Tot Ion:152 Resp: 54939
Ion Ratio Lower Upper
152 100
150 143.9 119.8 179.8
115 59.0 50.8 76.2



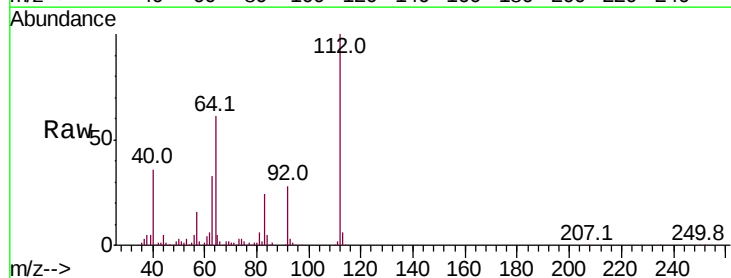
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



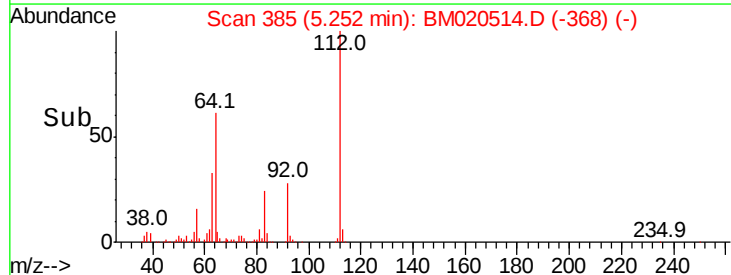
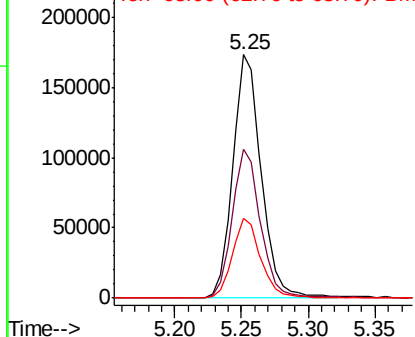
#5

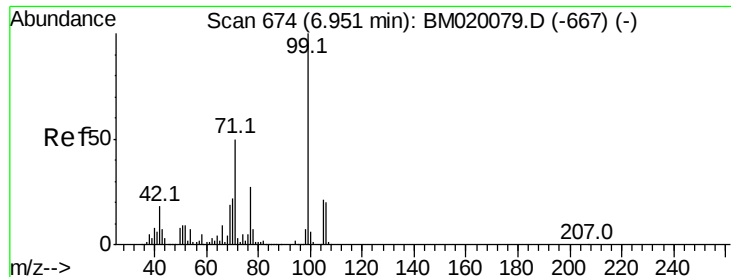
2-Fluorophenol
Concen: 76.667 ng
RT: 5.25 min Scan# 385
Delta R.T. 0.00 min
Lab File: BM020514.D
Acq: 23 May 2019 14:07

Tgt Ion:112 Resp: 257678
Ion Ratio Lower Upper
112 100
64 60.9 53.8 80.6
63 33.0 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: 74.948 ng

RT: 6.85 min Scan# 656

Delta R.T. -0.01 min

Lab File: BM020514.D

Acq: 23 May 2019 14:07

Instrument :

BNA_M

ClientSampleId :

FESB-14(4.5-5)

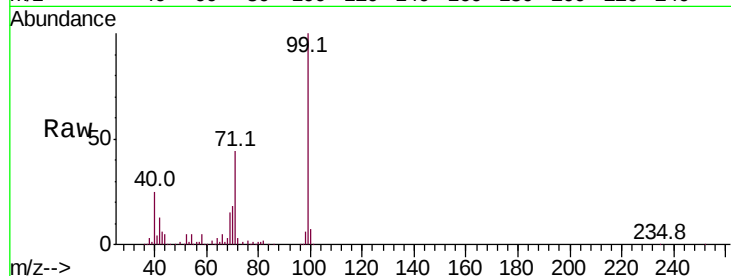
Tot Ion: 99 Resp: 344132

Ion Ratio Lower Upper

99 100

42 13.1 14.2 21.2#

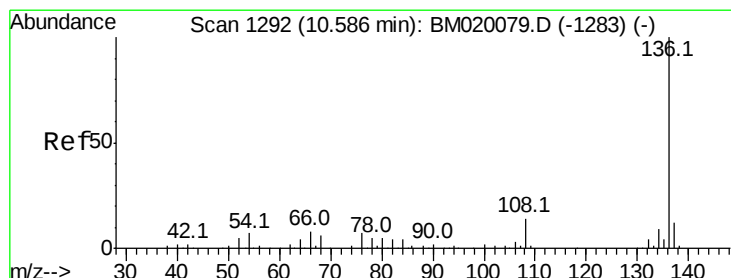
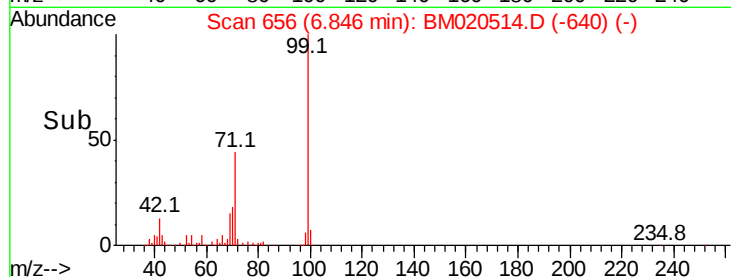
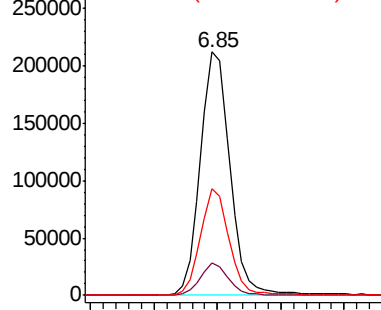
71 43.8 40.3 60.5



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) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.46 min Scan# 1271

Delta R.T. 0.00 min

Lab File: BM020514.D

Acq: 23 May 2019 14:07

Tgt Ion: 136 Resp: 183323

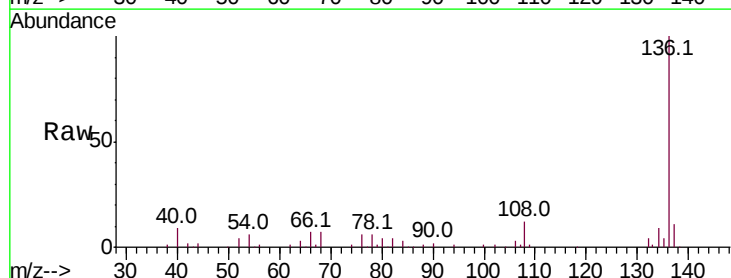
Ion Ratio Lower Upper

136 100

137 11.5 9.6 14.4

54 5.8 5.5 8.3

68 6.9 4.6 6.8#

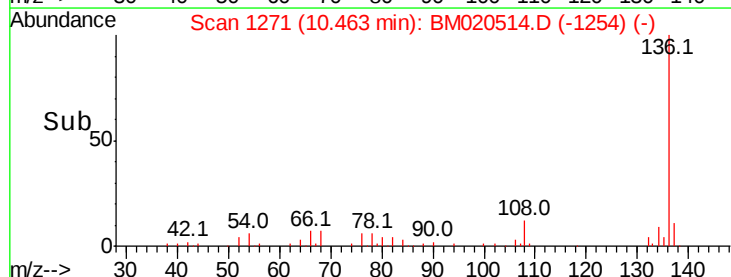
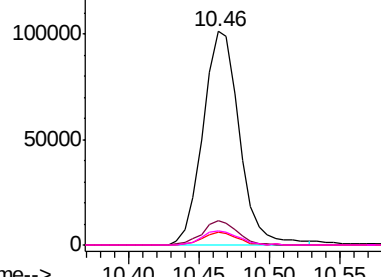


Abundance Ion 136.00 (135.70 to 136.70): BM020079.D (-1283) (-)

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) (-)

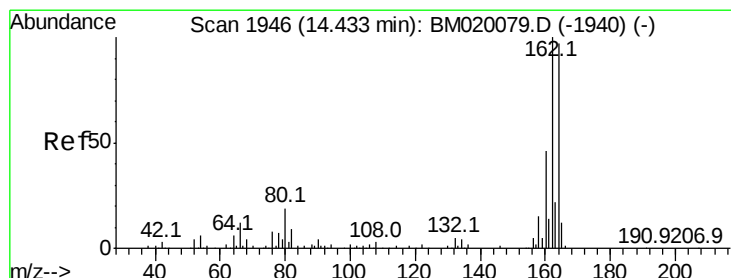
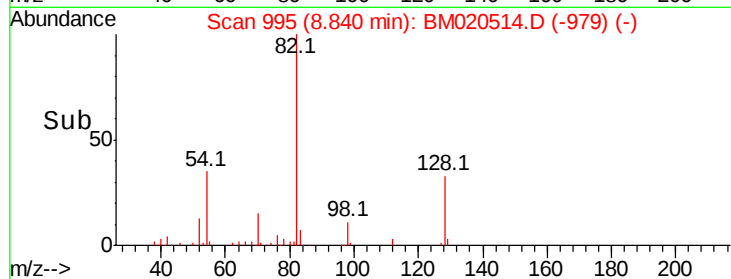
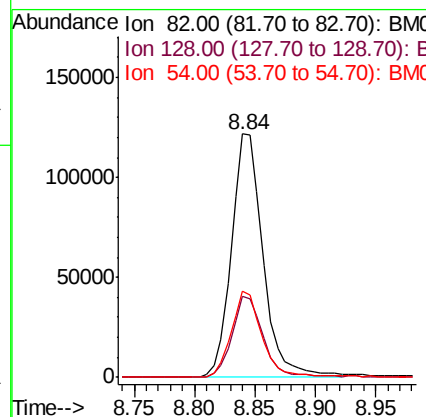
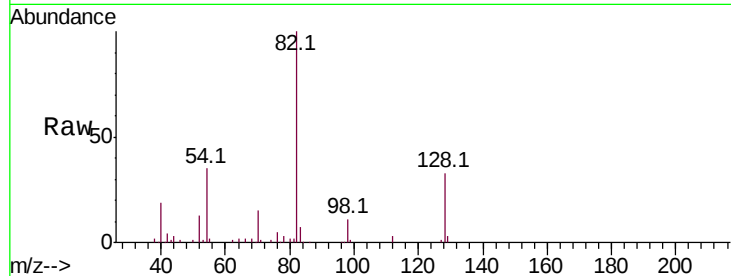




#23
Nitrobenzene-d5
Concen: 47.940 ng
RT: 8.84 min Scan# 995
Delta R.T. -0.01 min
Lab File: BM020514.D
Acq: 23 May 2019 14:07

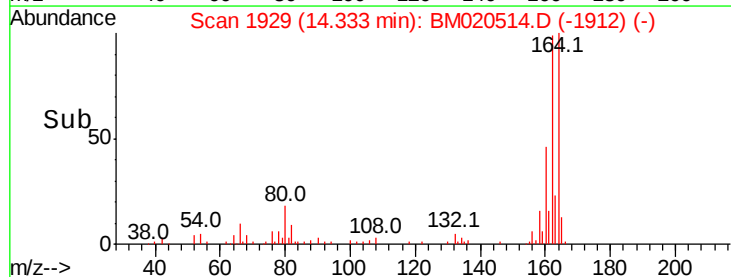
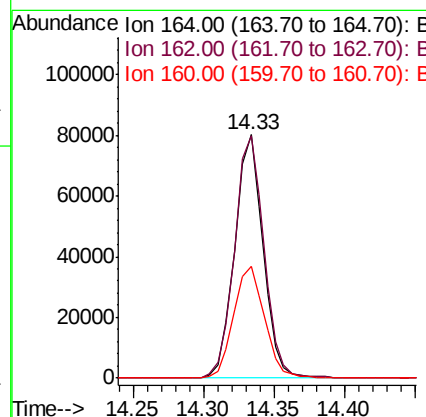
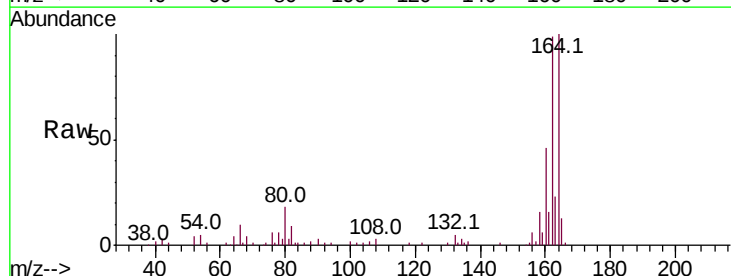
Instrument :
BNA_M
ClientSampleId :
FESB-14(4.5-5)

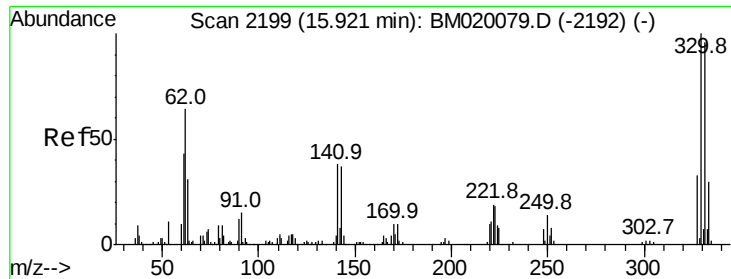
Tot Ion	82	Resp	222608
Ion Ratio	100	Lower	Upper
128	33.2	25.2	37.8
54	35.3	31.9	47.9



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.33 min Scan# 1929
Delta R.T. 0.00 min
Lab File: BM020514.D
Acq: 23 May 2019 14:07

Tgt Ion	164	Resp	112300
Ion Ratio	100	Lower	Upper
162	99.4	82.2	123.2
160	46.1	37.6	56.4

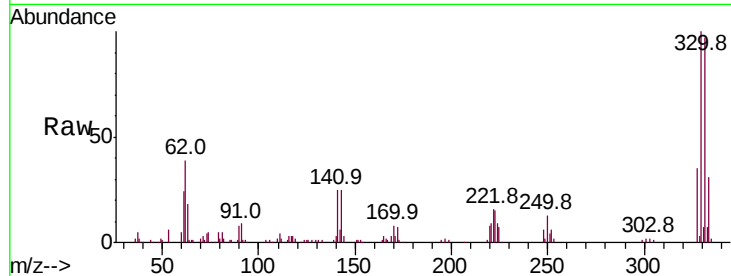




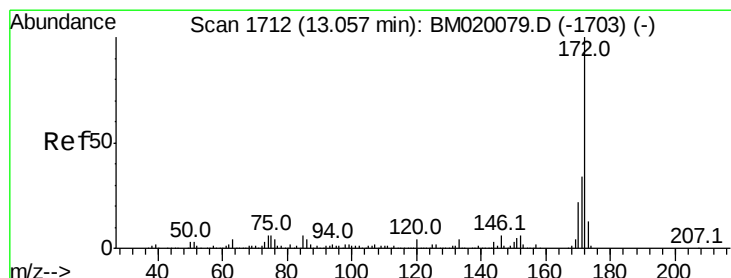
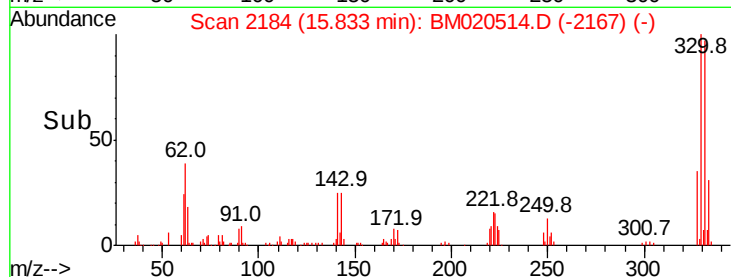
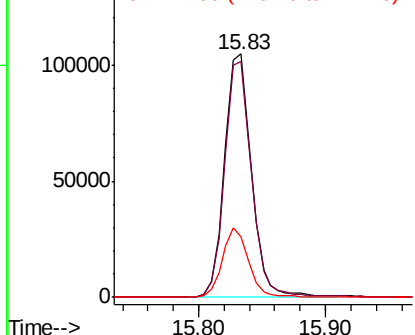
#42
 2,4,6-Tribromophenol
 Concen: 88.608 ng
 RT: 15.83 min Scan# 2184
 Delta R.T. 0.00 min
 Lab File: BM020514.D
 Acq: 23 May 2019 14:07

Instrument :
 BNA_M
 ClientSampleId :
 FESB-14(4.5-5)

Tot Ion:330 Resp: 154454
 Ion Ratio Lower Upper
 330 100
 332 96.6 76.8 115.2
 141 27.7 29.2 43.8#

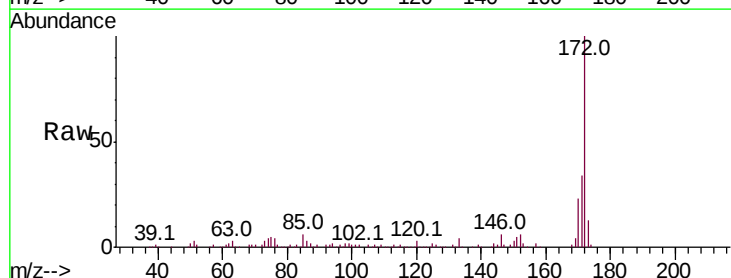


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

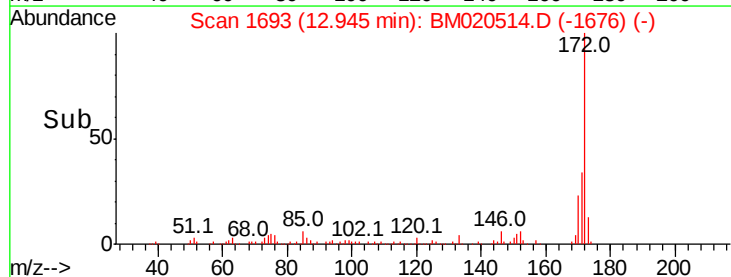
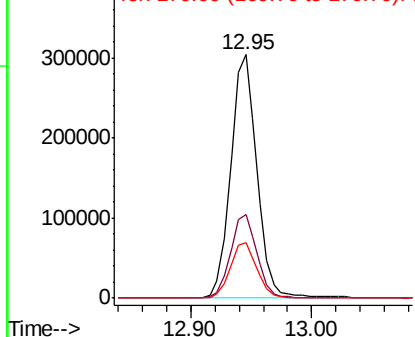


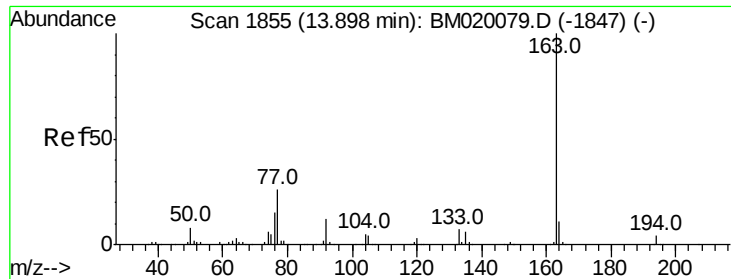
#45
 2-Fluorobiphenyl
 Concen: 50.219 ng
 RT: 12.95 min Scan# 1693
 Delta R.T. 0.00 min
 Lab File: BM020514.D
 Acq: 23 May 2019 14:07

Tgt Ion:172 Resp: 458365
 Ion Ratio Lower Upper
 172 100
 171 34.2 27.3 40.9
 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





#50

Dimethylphthalate

Concen: 6.937 ng

RT: 13.79 min Scan# 1837

Delta R.T. -0.01 min

Lab File: BM020514.D

Acq: 23 May 2019 14:07

Instrument :

BNA_M

ClientSampleId :

FESB-14(4.5-5)

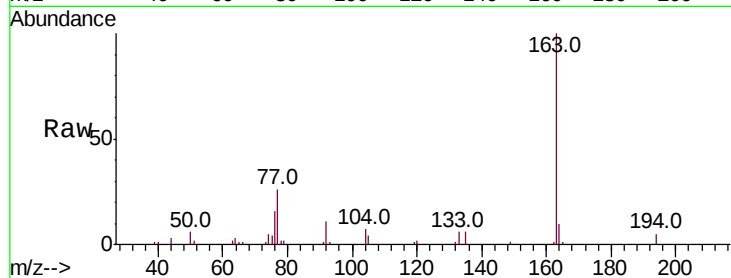
Tot Ion:163 Resp: 66211

Ion Ratio Lower Upper

163 100

194 5.1 3.6 5.4

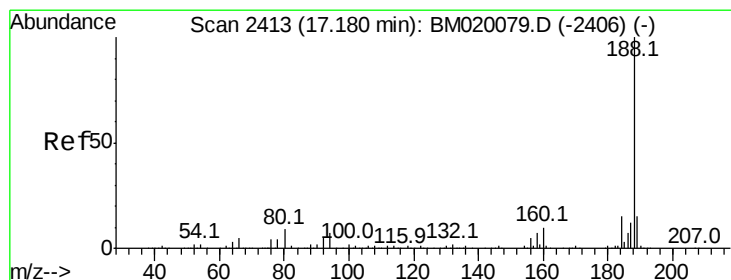
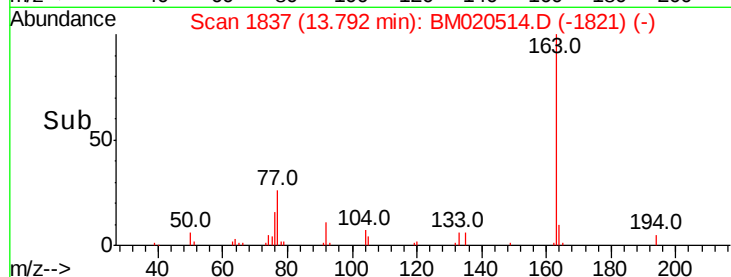
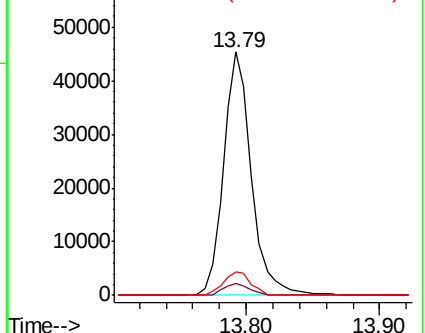
164 9.8 8.4 12.6



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: 17.09 min Scan# 2397

Delta R.T. 0.00 min

Lab File: BM020514.D

Acq: 23 May 2019 14:07

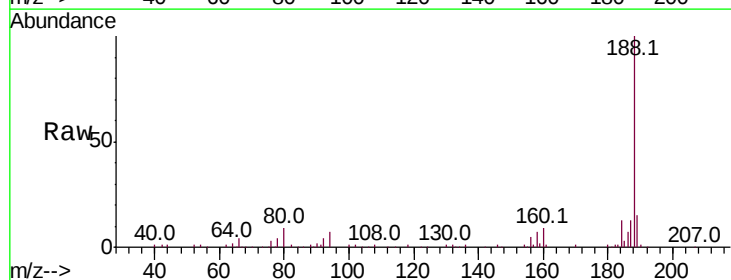
Tgt Ion:188 Resp: 277977

Ion Ratio Lower Upper

188 100

94 7.0 5.8 8.6

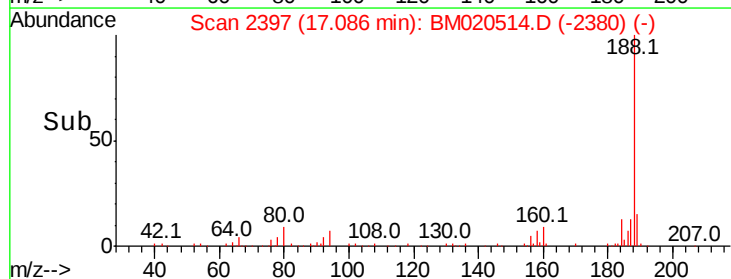
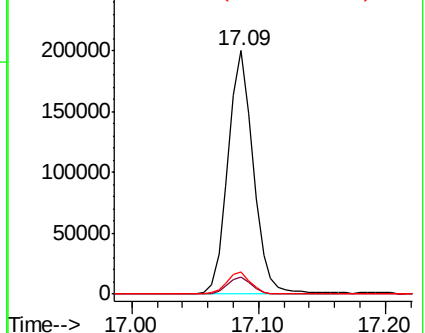
80 9.0 7.4 11.2

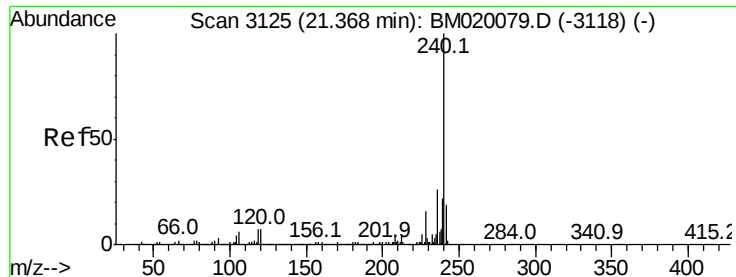


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0

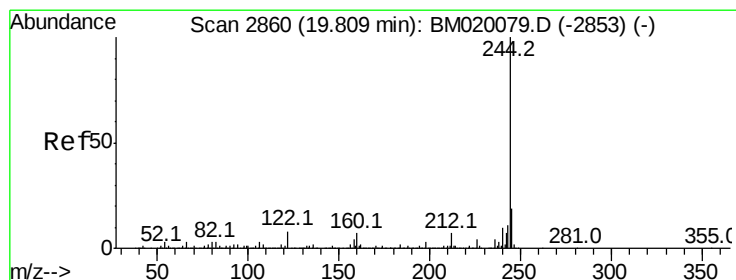
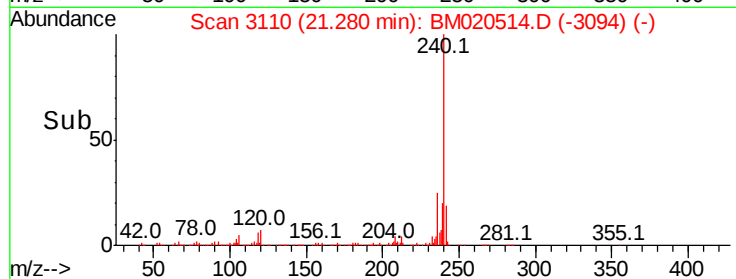
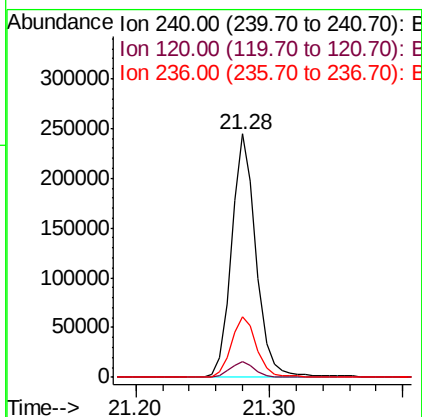
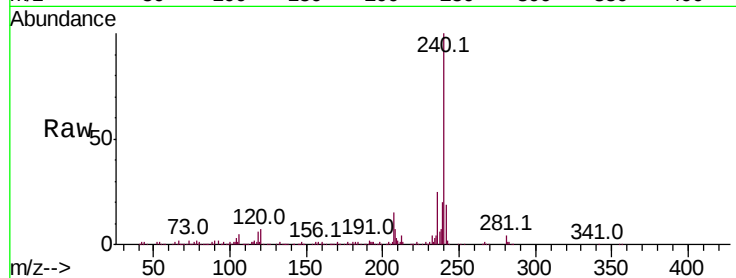




#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 21.28 min Scan# 3110
 Delta R.T. -0.01 min
 Lab File: BM020514.D
 Acq: 23 May 2019 14:07

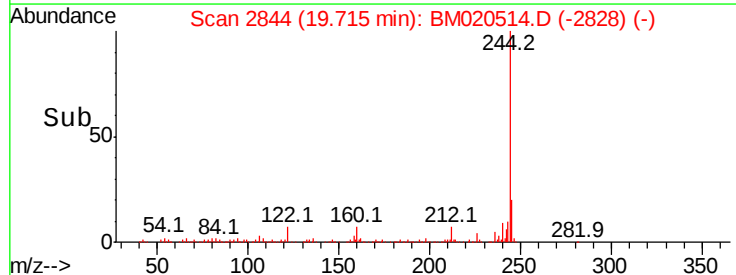
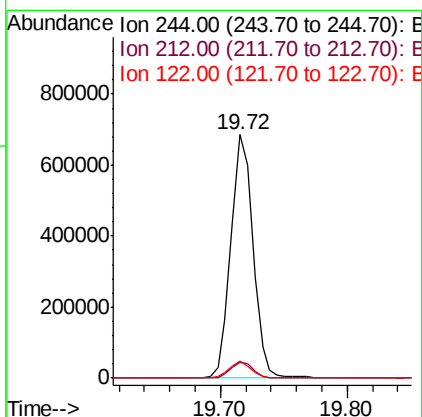
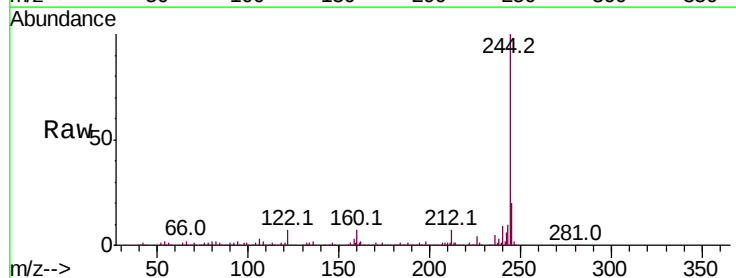
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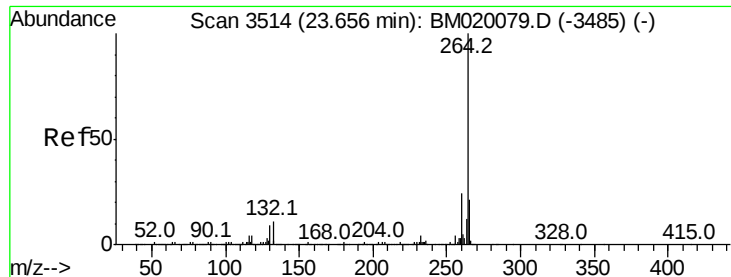
Tot Ion:240 Resp: 312644
 Ion Ratio Lower Upper
 240 100
 120 6.6 5.6 8.4
 236 24.9 20.9 31.3



#79
 Terphenyl-d14
 Concen: 46.193 ng
 RT: 19.72 min Scan# 2844
 Delta R.T. -0.01 min
 Lab File: BM020514.D
 Acq: 23 May 2019 14:07

Tgt Ion:244 Resp: 827993
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.7 8.5
 122 7.0 6.2 9.2





#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 23.53 min Scan# 3492
 Delta R.T. -0.01 min
 Lab File: BM020514.D
 Acq: 23 May 2019 14:07

Instrument :
 BNA_M
 ClientSampleId :
 FESB-14(4.5-5)

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.8	19.2	28.8
265	23.0	16.9	25.3

