

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM051319\
 Data File : BM020324.D
 Acq On : 13 May 2019 19:57
 Operator : JU/SJ
 Sample : K2806-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 FK-EF-01-009-ABCD

Quant Time: May 14 03:50:39 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

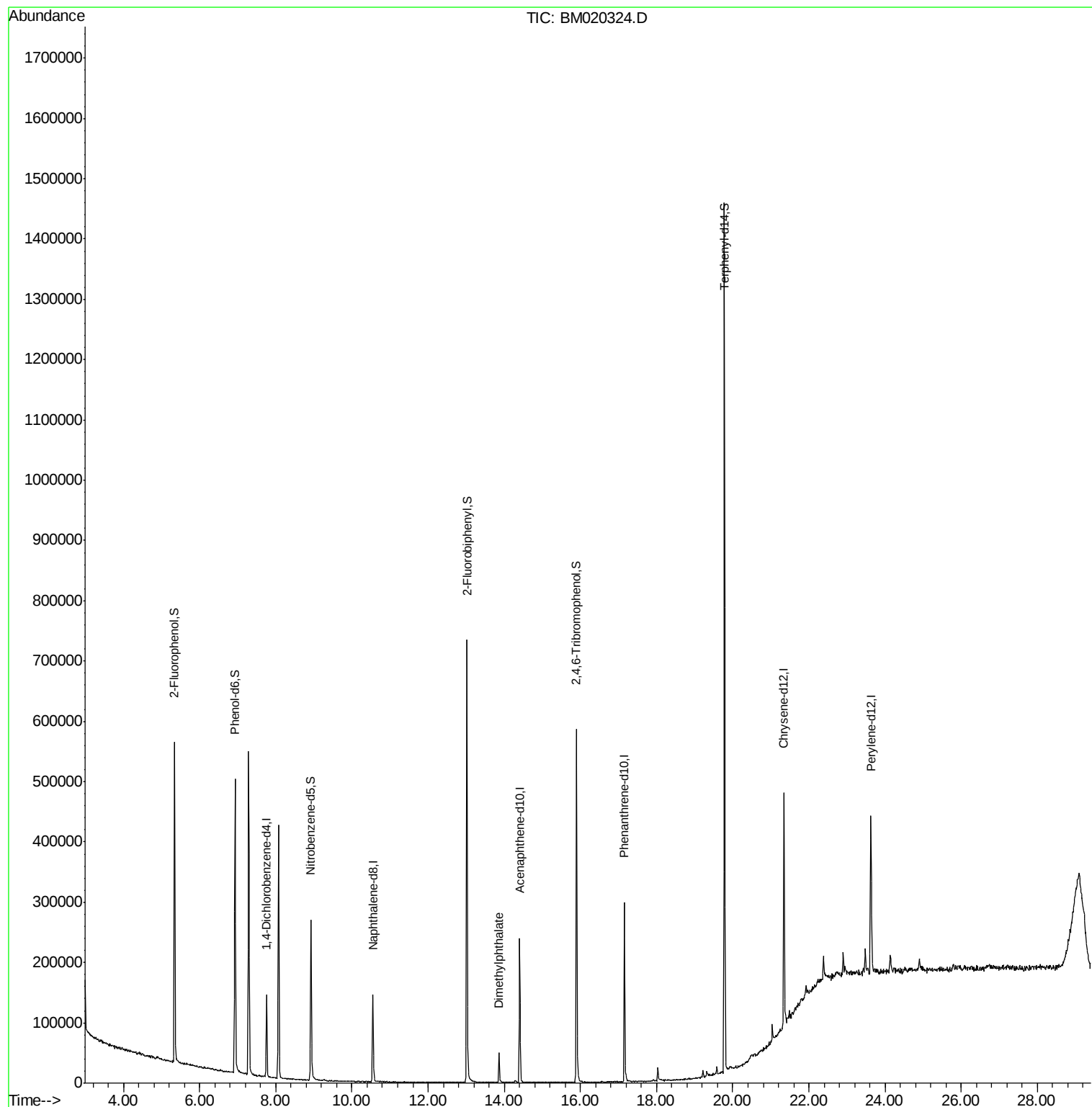
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	37607	20.00	ng	-0.04
21) Naphthalene-d8	10.55	136	127331	20.00	ng	-0.04
39) Acenaphthene-d10	14.40	164	79325	20.00	ng	-0.03
64) Phenanthrene-d10	17.16	188	191357	20.00	ng	-0.02
76) Chrysene-d12	21.35	240	193390	20.00	ng	-0.02
87) Perylene-d12	23.63	264	219464	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	222628	96.77	ng	-0.03
7) Phenol-d6	6.93	99	284988	90.67	ng	-0.02
23) Nitrobenzene-d5	8.92	82	191500	59.38	ng	-0.04
42) 2,4,6-Tribromophenol	15.90	330	119620	97.15	ng	-0.02
45) 2-Fluorobiphenyl	13.02	172	404607	62.76	ng	-0.04
79) Terphenyl-d14	19.78	244	719200	64.87	ng	-0.03
Target Compounds						
50) Dimethylphthalate	13.86	163	36593	5.428	ng	Qvalue 99

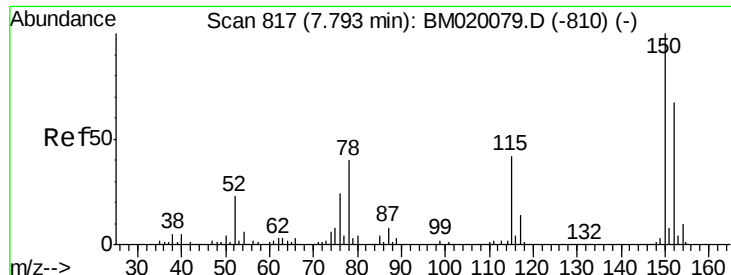
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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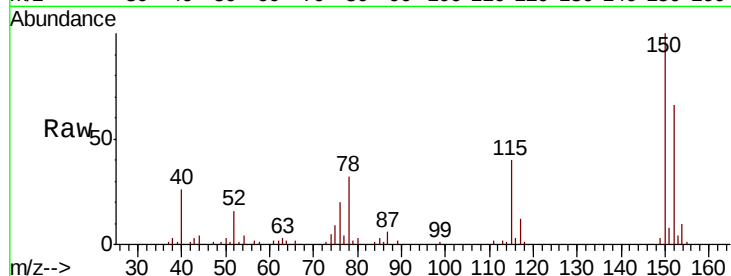


#1

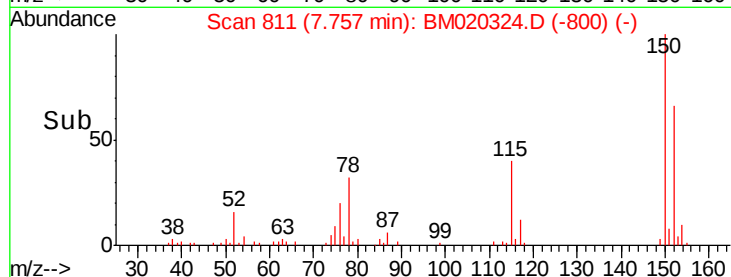
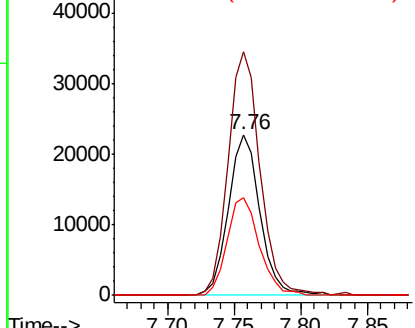
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.76 min Scan# 811
Delta R.T. -0.04 min
Lab File: BM020324.D
Acq: 13 May 2019 19:57

Instrument :
BNA_M
ClientSampleId :
FK-EF-01-009-ABCD

Tgt Ion:152 Resp: 37607
Ion Ratio Lower Upper
152 100
150 151.4 119.8 179.8
115 60.6 50.8 76.2



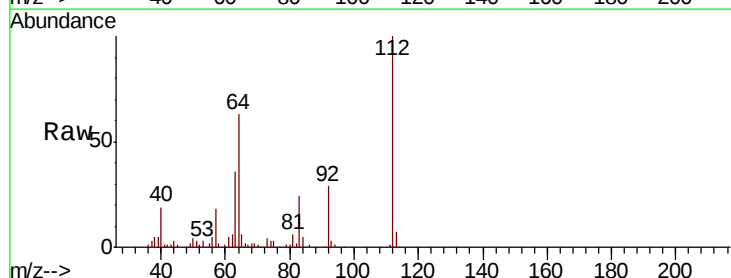
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



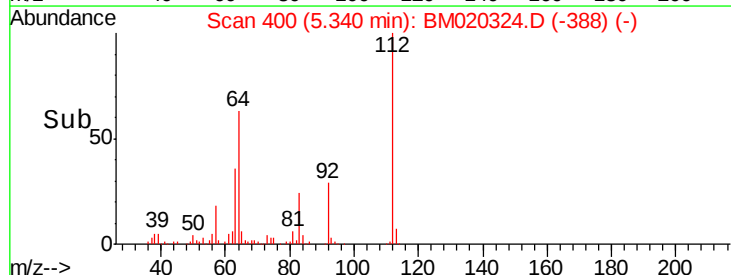
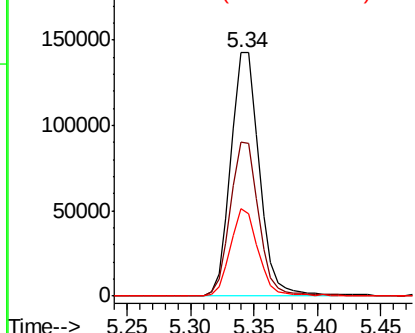
#5

2-Fluorophenol
Concen: 96.766 ng
RT: 5.34 min Scan# 400
Delta R.T. -0.03 min
Lab File: BM020324.D
Acq: 13 May 2019 19:57

Tgt Ion:112 Resp: 222628
Ion Ratio Lower Upper
112 100
64 63.1 53.8 80.6
63 35.7 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: 90.672 ng

RT: 6.93 min Scan# 670

Delta R.T. -0.02 min

Lab File: BM020324.D

Acq: 13 May 2019 19:57

Instrument :

BNA_M

ClientSampleId :

FK-EF-01-009-ABCD

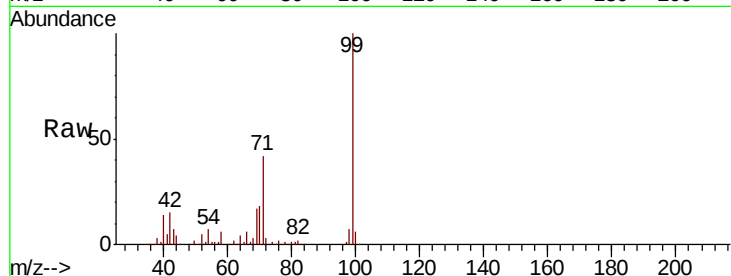
Tgt Ion: 99 Resp: 284988

Ion Ratio Lower Upper

99 100

42 14.7 14.2 21.2

71 42.0 40.3 60.5



Abundance Ion 99.00 (98.70 to 99.70): BM020324.D (-657) (-)

Ion 42.00 (41.70 to 42.70): BM020324.D (-657) (-)

Ion 71.00 (70.70 to 71.70): BM020324.D (-657) (-)

6.93

200000

150000

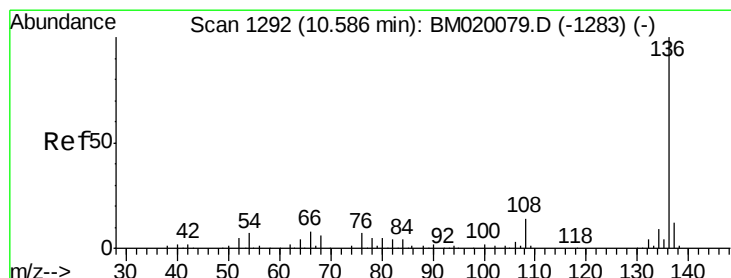
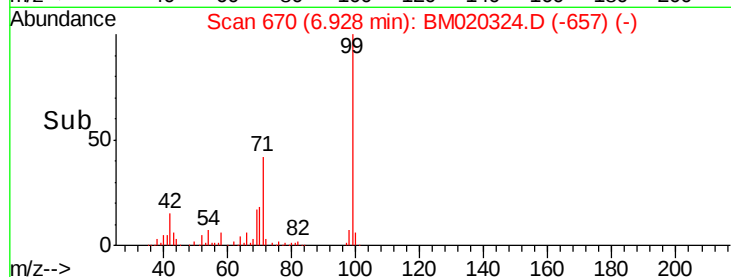
100000

50000

0

6.85 6.90 6.95 7.00

Time-->



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.55 min Scan# 1286

Delta R.T. -0.04 min

Lab File: BM020324.D

Acq: 13 May 2019 19:57

Tgt Ion: 136 Resp: 127331

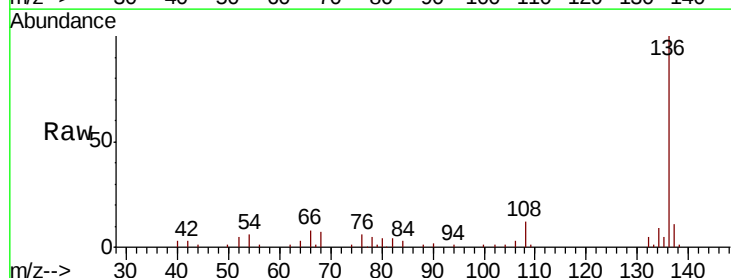
Ion Ratio Lower Upper

136 100

137 11.0 9.6 14.4

54 6.3 5.5 8.3

68 7.1 4.6 6.8#



Abundance Ion 136.00 (135.70 to 136.70): BM020324.D (-1275) (-)

Ion 137.00 (136.70 to 137.70): BM020324.D (-1275) (-)

Ion 54.00 (53.70 to 54.70): BM020324.D (-1275) (-)

Ion 68.00 (67.70 to 68.70): BM020324.D (-1275) (-)

10.55

100000

80000

60000

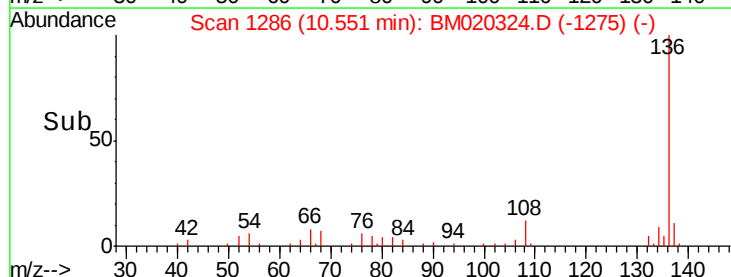
40000

20000

0

10.50 10.55 10.60

Time-->

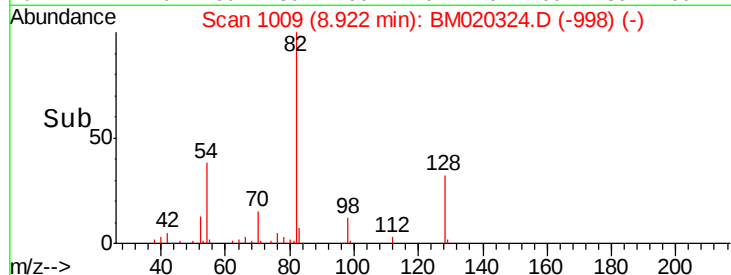
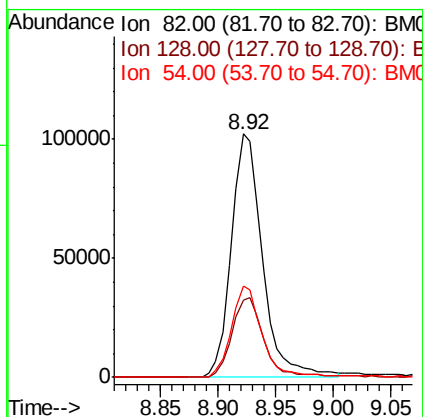
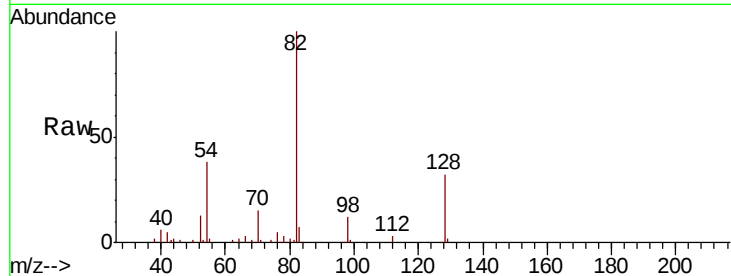




#23
Nitrobenzene-d5
Concen: 59.376 ng
RT: 8.92 min Scan# 1009
Delta R.T. -0.04 min
Lab File: BM020324.D
Acq: 13 May 2019 19:57

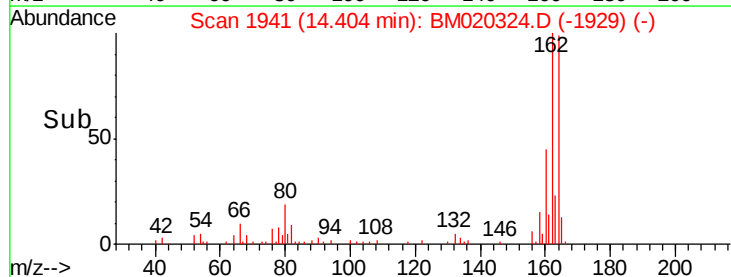
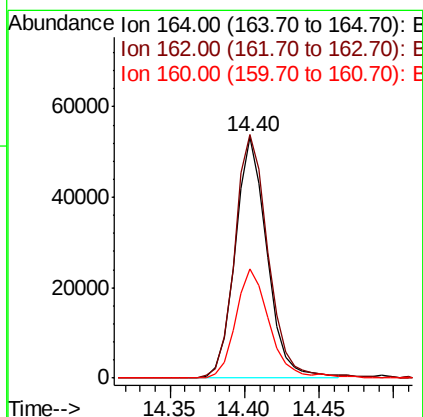
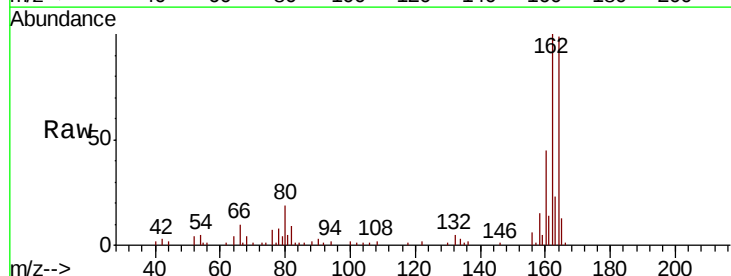
Instrument :
BNA_M
ClientSampleId :
FK-EF-01-009-ABCD

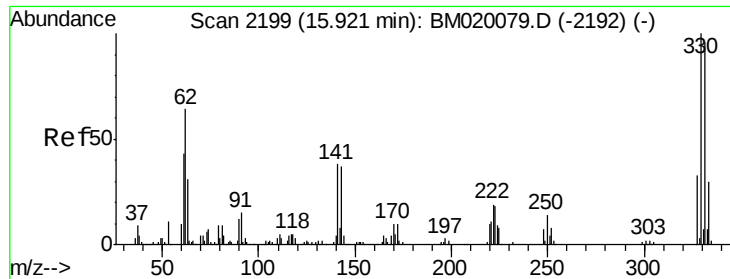
Tgt Ion	Ratio	Lower	Upper
82	100		
128	31.9	25.2	37.8
54	37.7	31.9	47.9



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.40 min Scan# 1941
Delta R.T. -0.03 min
Lab File: BM020324.D
Acq: 13 May 2019 19:57

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.9	82.2	123.2
160	45.5	37.6	56.4

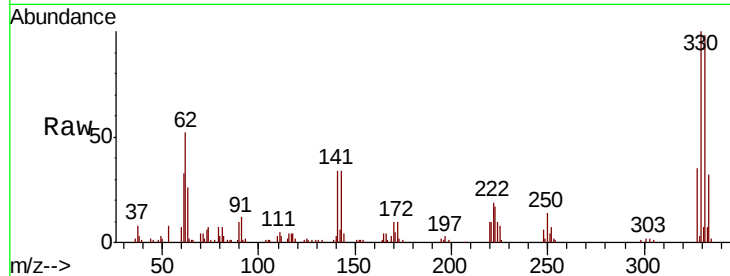




#42
 2,4,6-Tribromophenol
 Concen: 97.151 ng
 RT: 15.90 min Scan# 2195
 Delta R.T. -0.02 min
 Lab File: BM020324.D
 Acq: 13 May 2019 19:57

Instrument :
 BNA_M
 ClientSampleId :
 FK-EF-01-009-ABCD

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.4	76.8	115.2
141	32.7	29.2	43.8

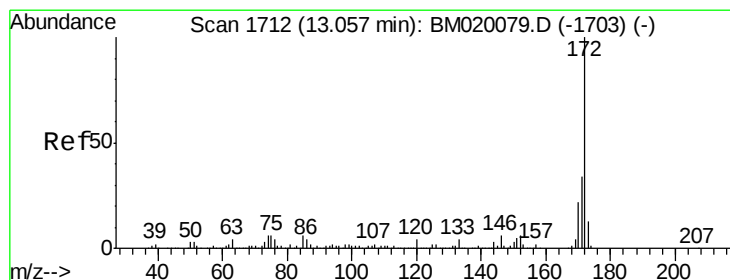
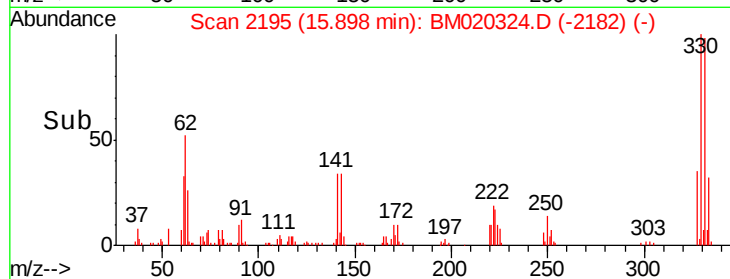
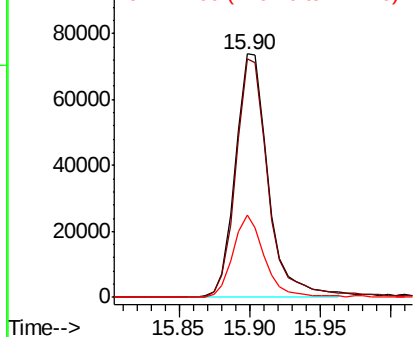


Abundance

Ion 329.80 (329.50 to 330.50): E

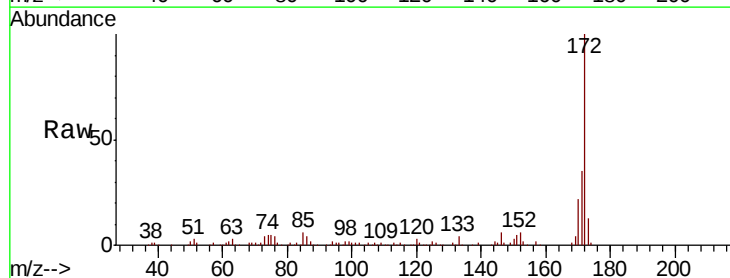
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 62.756 ng
 RT: 13.02 min Scan# 1706
 Delta R.T. -0.04 min
 Lab File: BM020324.D
 Acq: 13 May 2019 19:57

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.0	27.3	40.9
170	21.7	17.9	26.9

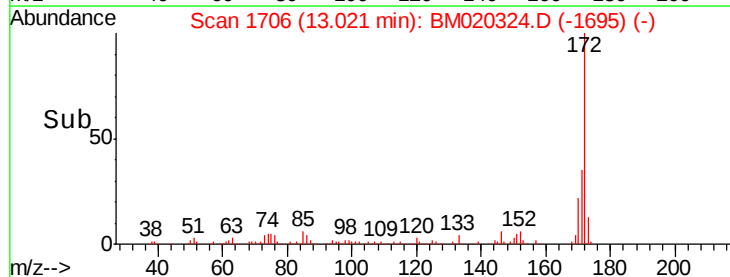
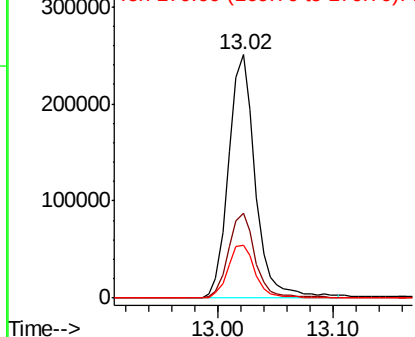


Abundance

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: 5.428 ng

RT: 13.86 min Scan# 1849

Delta R.T. -0.04 min

Lab File: BM020324.D

Acq: 13 May 2019 19:57

Instrument :

BNA_M

ClientSampleId :

FK-EF-01-009-ABCD

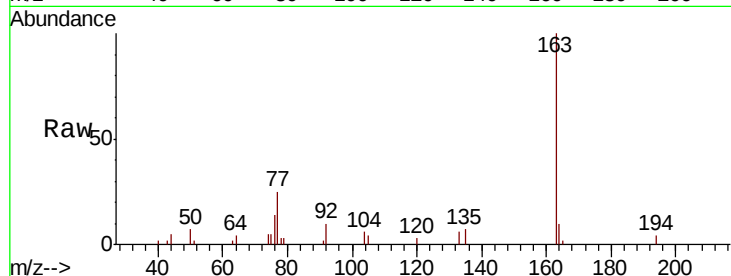
Tgt Ion:163 Resp: 36593

Ion Ratio Lower Upper

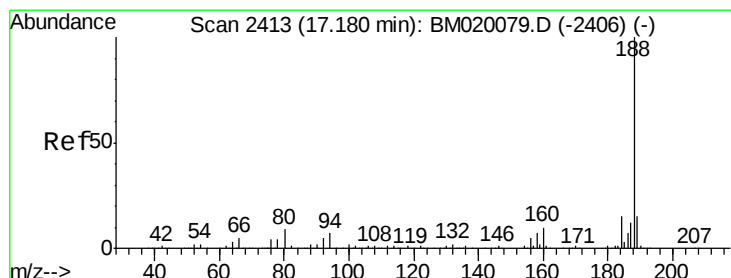
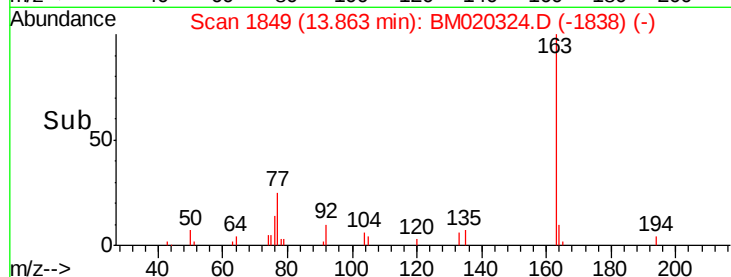
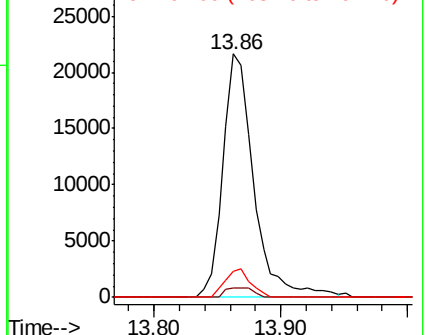
163 100

194 3.6 3.6 5.4

164 10.4 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: 17.16 min Scan# 2409

Delta R.T. -0.02 min

Lab File: BM020324.D

Acq: 13 May 2019 19:57

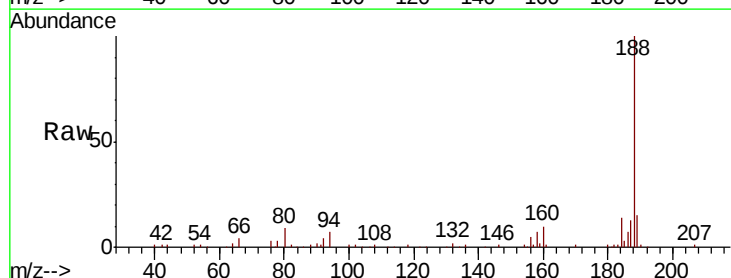
Tgt Ion:188 Resp: 191357

Ion Ratio Lower Upper

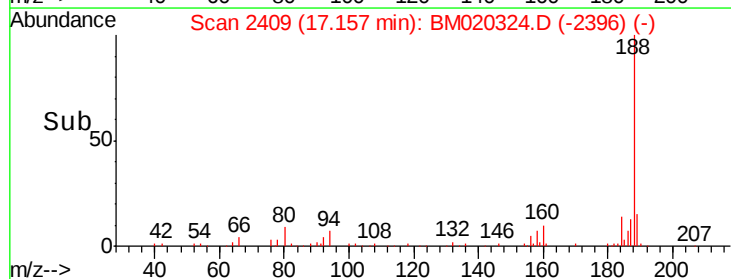
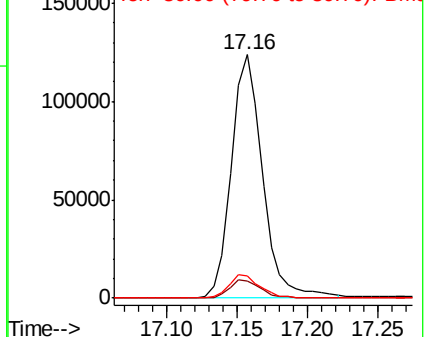
188 100

94 7.1 5.8 8.6

80 8.9 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

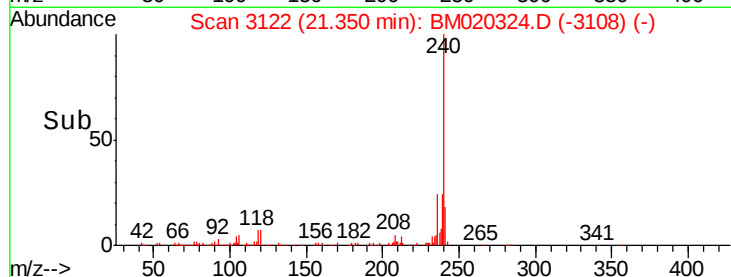
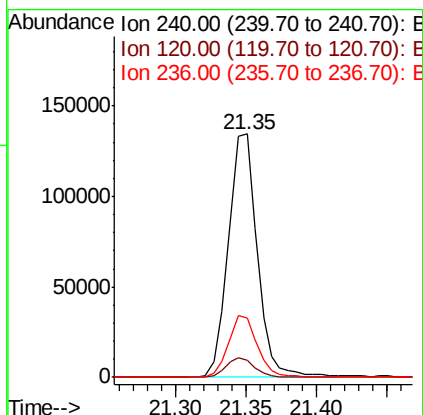
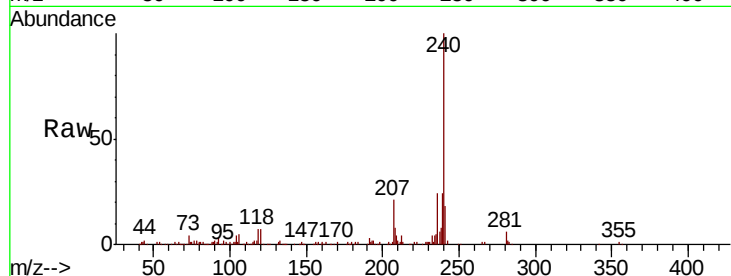




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.35 min Scan# 3122
Delta R.T. -0.02 min
Lab File: BM020324.D
Acq: 13 May 2019 19:57

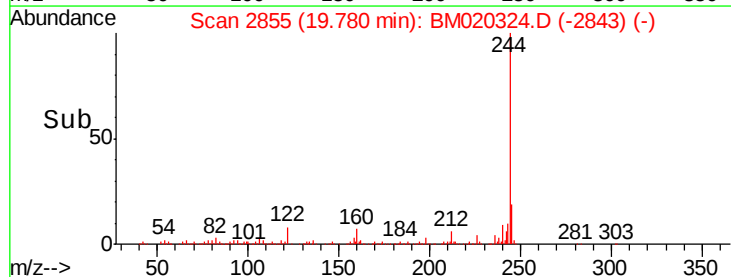
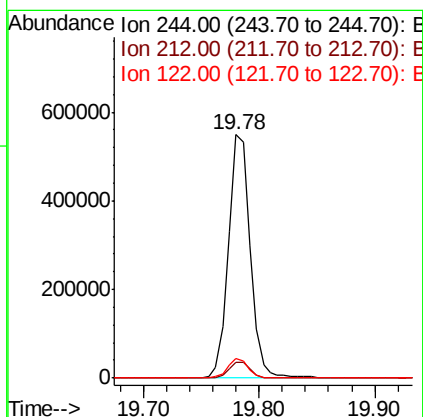
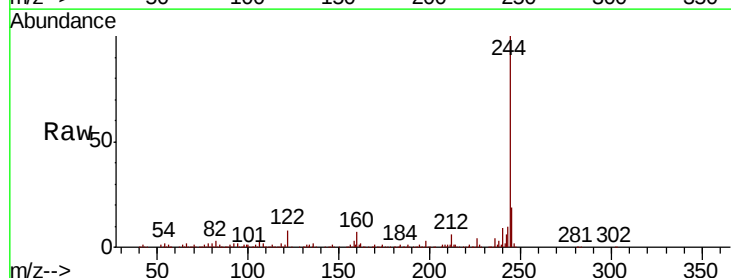
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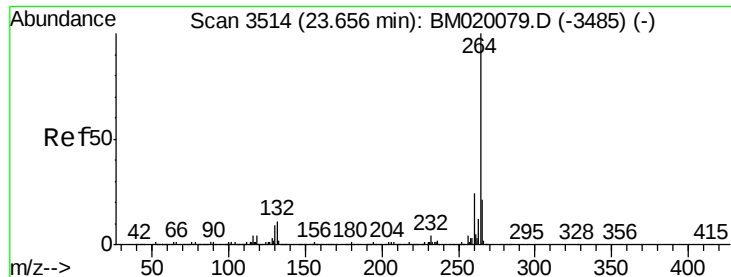
Tgt Ion:240 Resp: 193390
Ion Ratio Lower Upper
240 100
120 7.0 5.6 8.4
236 24.5 20.9 31.3



#79
Terphenyl-d14
Concen: 64.866 ng
RT: 19.78 min Scan# 2855
Delta R.T. -0.03 min
Lab File: BM020324.D
Acq: 13 May 2019 19:57

Tgt Ion:244 Resp: 719200
Ion Ratio Lower Upper
244 100
212 6.4 5.7 8.5
122 8.1 6.2 9.2





#87
Perylene-d12
Concen: 20.000 ng
RT: 23.63 min Scan# 3509
Delta R.T. -0.03 min
Lab File: BM020324.D
Acq: 13 May 2019 19:57

Instrument :
BNA_M
ClientSampleId :
FK-EF-01-009-ABCD

Tgt Ion:	264	Resp:	219464
Ion	Ratio	Lower	Upper
264	100		
260	22.6	19.2	28.8
265	22.5	16.9	25.3

