

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM052319\
 Data File : BM020528.D
 Acq On : 23 May 2019 22:34
 Operator : JU/SJ
 Sample : K2647-12
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SU-03-052219-A

Quant Time: May 24 02:11:53 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	54546	20.00	ng	0.00
21) Naphthalene-d8	10.46	136	171018	20.00	ng	0.00
39) Acenaphthene-d10	14.33	164	104702	20.00	ng	0.00
64) Phenanthrene-d10	17.08	188	256763	20.00	ng	0.00
76) Chrysene-d12	21.27	240	287198	20.00	ng	-0.01
87) Perylene-d12	23.51	264	348458	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.25	112	423167	126.81	ng	0.00
7) Phenol-d6	6.85	99	499092	109.48	ng	0.00
23) Nitrobenzene-d5	8.84	82	389373	89.89	ng	0.00
42) 2,4,6-Tribromophenol	15.83	330	276786	170.31	ng	0.00
45) 2-Fluorobiphenyl	12.94	172	776507	91.25	ng	0.00
79) Terphenyl-d14	19.72	244	1594694	96.85	ng	0.00

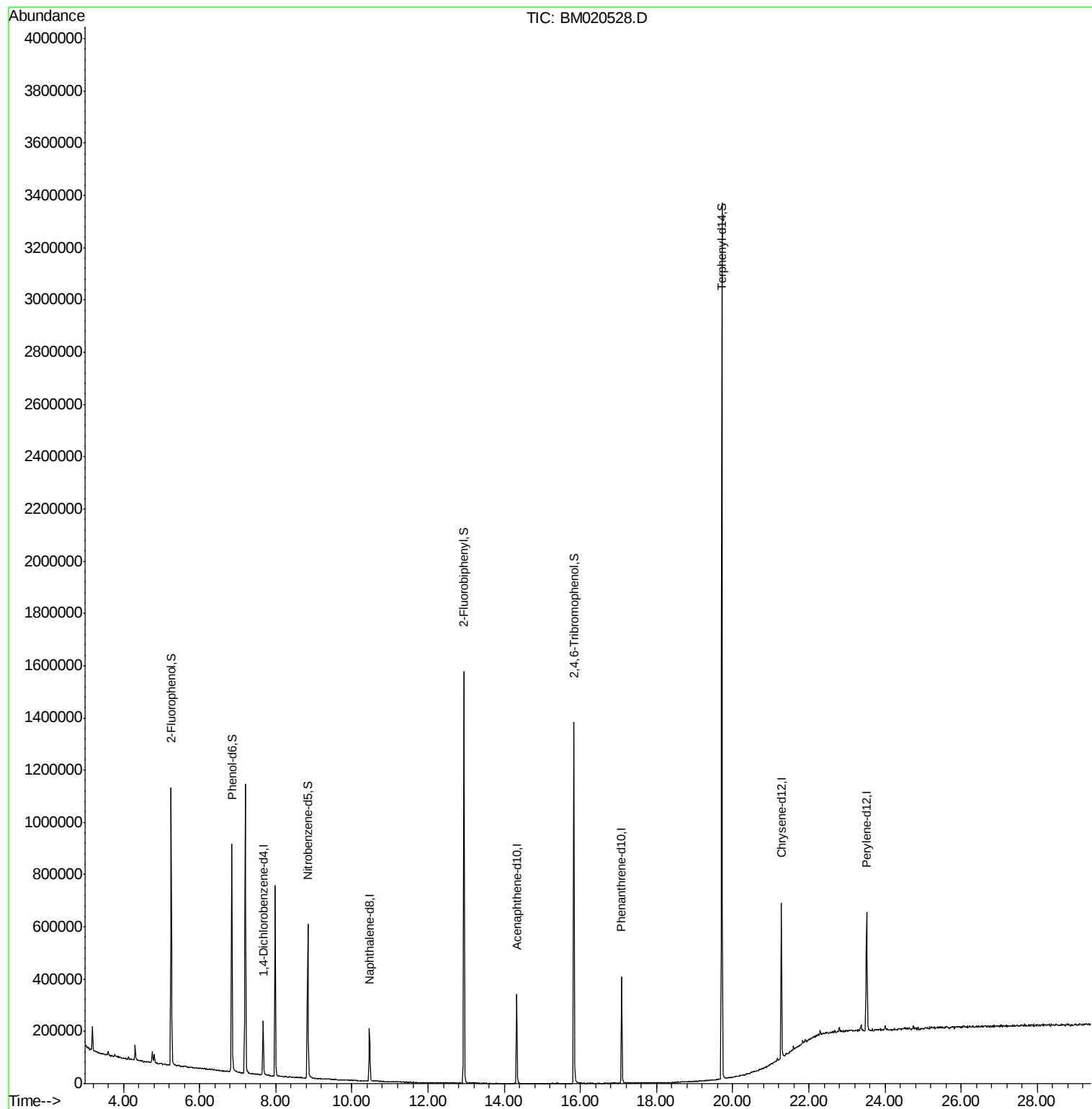
Target Compounds	Qvalue
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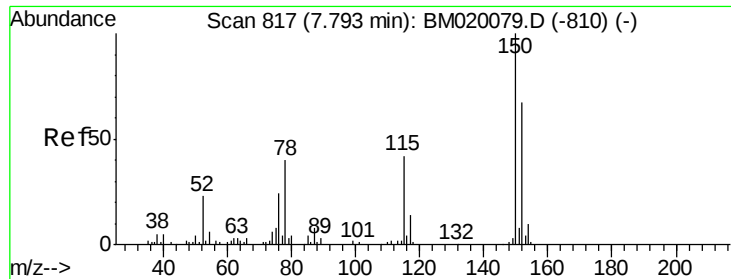
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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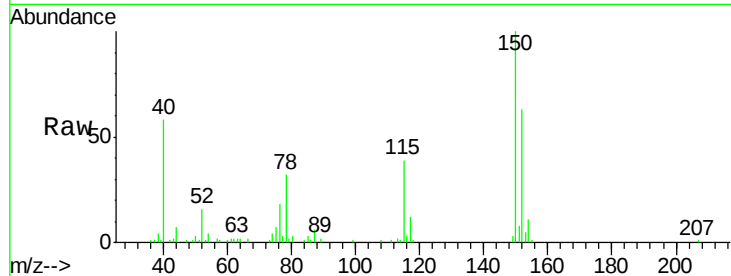


#1

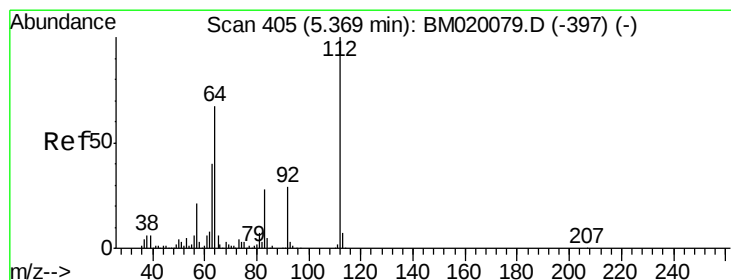
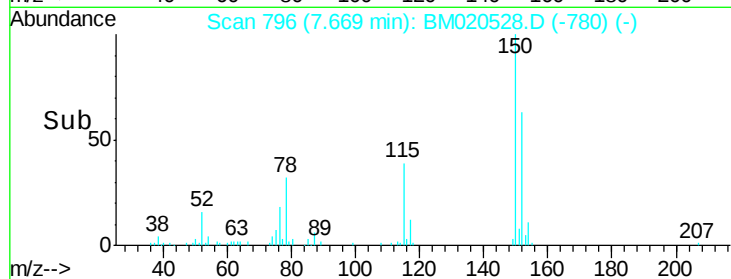
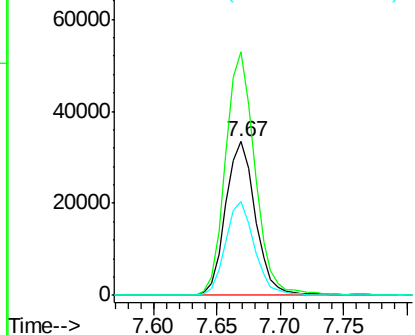
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.67 min Scan# 796
 Delta R.T. -0.01 min
 Lab File: BM020528.D
 Acq: 23 May 2019 22:34

Instrument :
 BNA_M
 ClientSampleId :
 SU-03-052219-A

Tgt Ion:152 Resp: 54546
 Ion Ratio Lower Upper
 152 100
 150 158.2 119.8 179.8
 115 61.2 50.8 76.2



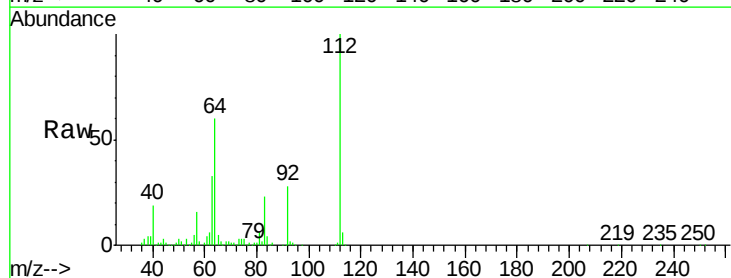
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



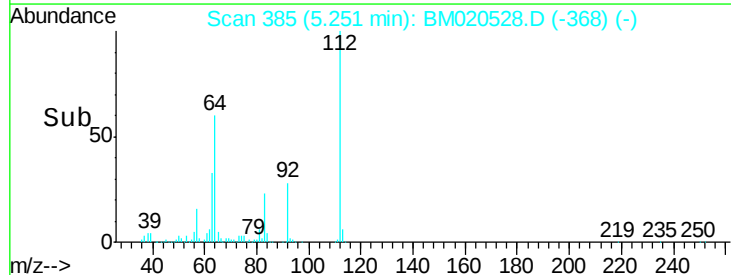
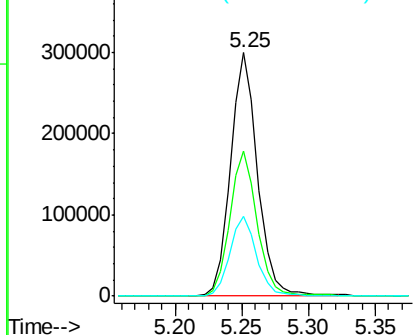
#5

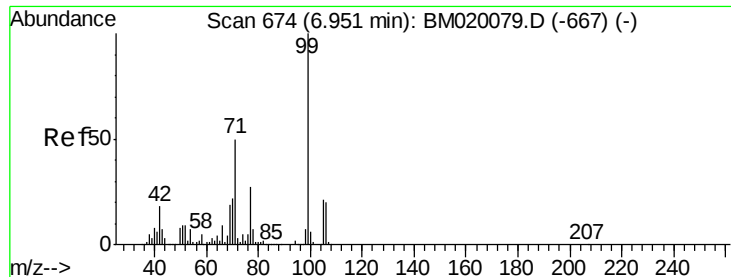
2-Fluorophenol
 Concen: 126.811 ng
 RT: 5.25 min Scan# 385
 Delta R.T. 0.00 min
 Lab File: BM020528.D
 Acq: 23 May 2019 22:34

Tgt Ion:112 Resp: 423167
 Ion Ratio Lower Upper
 112 100
 64 59.8 53.8 80.6
 63 32.5 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: 109.479 ng

RT: 6.85 min Scan# 656

Delta R.T. -0.01 min

Lab File: BM020528.D

Acq: 23 May 2019 22:34

Instrument :

BNA_M

ClientSampleId :

SU-03-052219-A

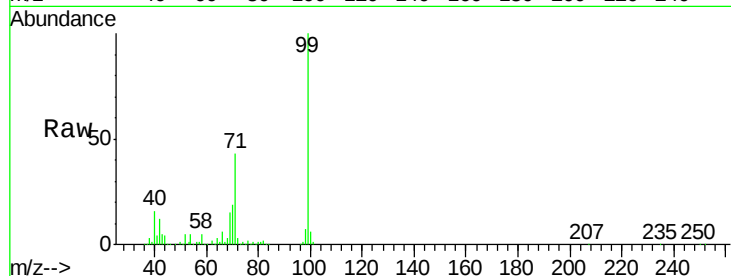
Tgt Ion: 99 Resp: 499092

Ion Ratio Lower Upper

99 100

42 11.9 14.2 21.2#

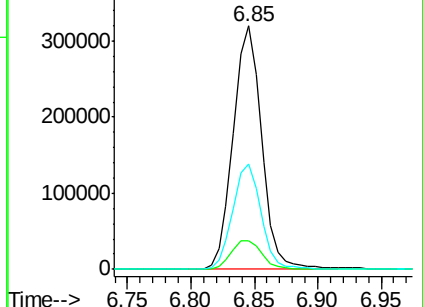
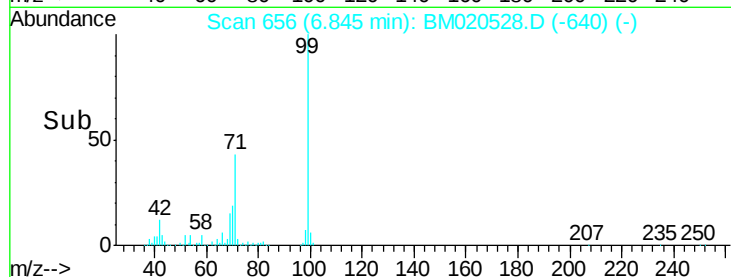
71 43.2 40.3 60.5



Abundance Ion 99.00 (98.70 to 99.70): BM020528.D (-640) (-)

Ion 42.00 (41.70 to 42.70): BM020528.D (-640) (-)

Ion 71.00 (70.70 to 71.70): BM020528.D (-640) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.46 min Scan# 1270

Delta R.T. -0.01 min

Lab File: BM020528.D

Acq: 23 May 2019 22:34

Tgt Ion: 136 Resp: 171018

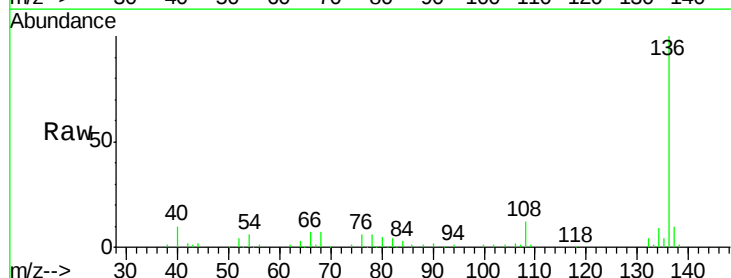
Ion Ratio Lower Upper

136 100

137 10.3 9.6 14.4

54 6.0 5.5 8.3

68 6.5 4.6 6.8

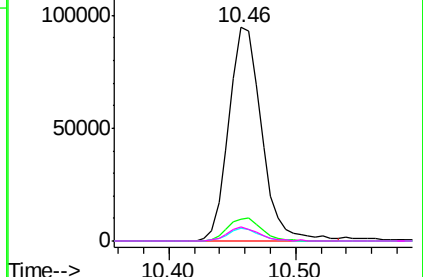
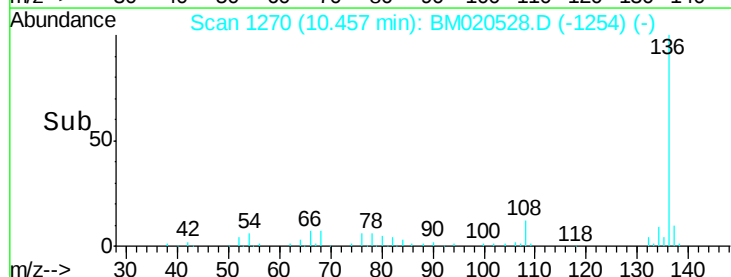


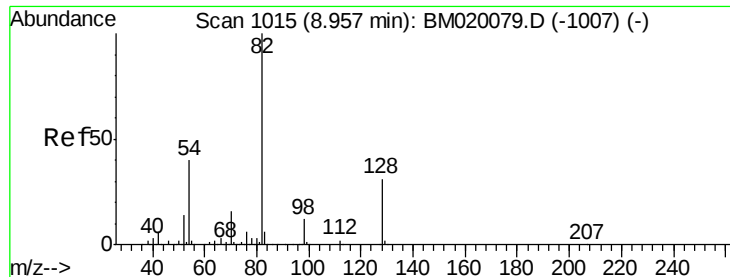
Abundance Ion 136.00 (135.70 to 136.70): BM020528.D (-1254) (-)

Ion 137.00 (136.70 to 137.70): BM020528.D (-1254) (-)

Ion 54.00 (53.70 to 54.70): BM020528.D (-1254) (-)

Ion 68.00 (67.70 to 68.70): BM020528.D (-1254) (-)

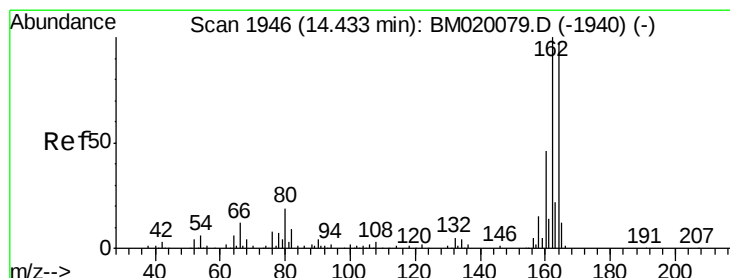
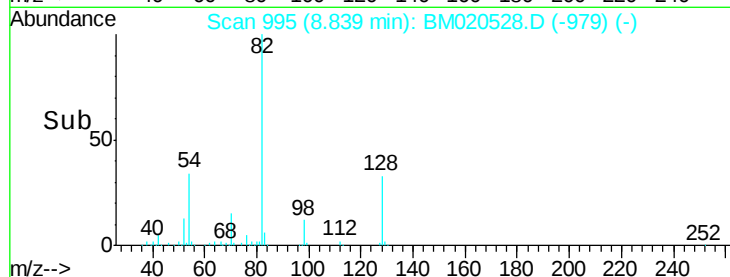
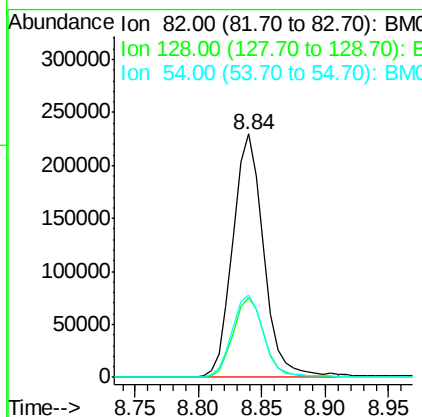
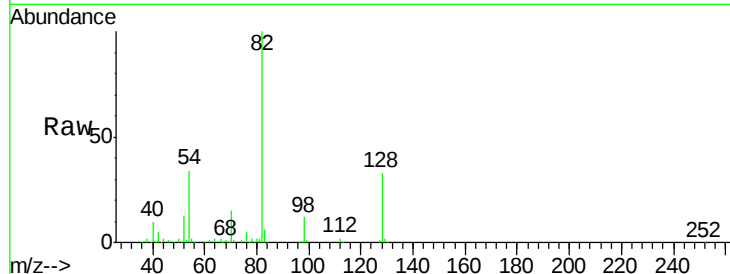




#23
 Nitrobenzene-d5
 Concen: 89.888 ng
 RT: 8.84 min Scan# 995
 Delta R.T. -0.01 min
 Lab File: BM020528.D
 Acq: 23 May 2019 22:34

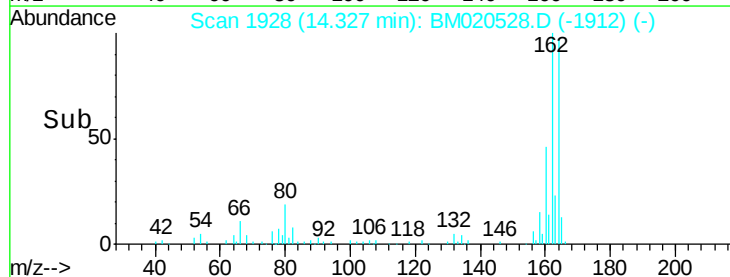
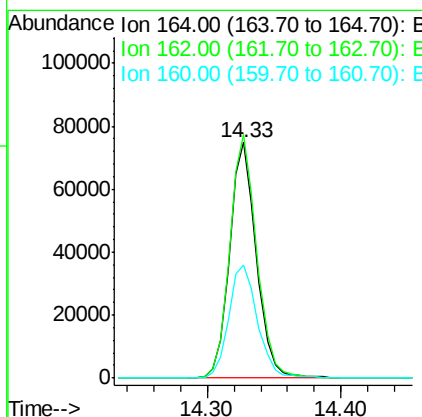
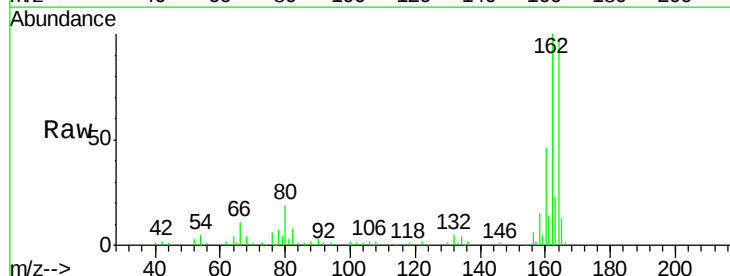
Instrument :
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 SU-03-052219-A

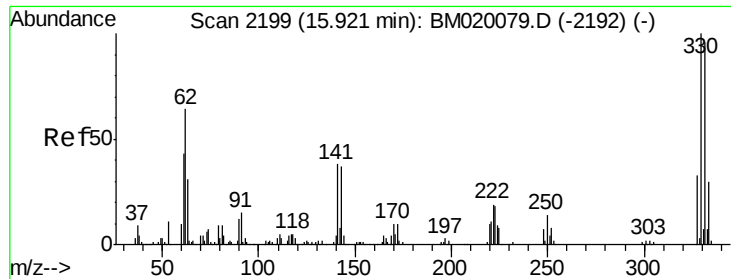
Tgt Ion: 82 Resp: 389373
 Ion Ratio Lower Upper
 82 100
 128 32.5 25.2 37.8
 54 33.9 31.9 47.9



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.33 min Scan# 1928
 Delta R.T. -0.01 min
 Lab File: BM020528.D
 Acq: 23 May 2019 22:34

Tgt Ion: 164 Resp: 104702
 Ion Ratio Lower Upper
 164 100
 162 103.3 82.2 123.2
 160 47.7 37.6 56.4





#42

2,4,6-Tribromophenol

Concen: 170.312 ng

RT: 15.83 min Scan# 2183

Delta R.T. -0.01 min

Lab File: BM020528.D

Acq: 23 May 2019 22:34

Instrument :

BNA_M

ClientSampleId :

SU-03-052219-A

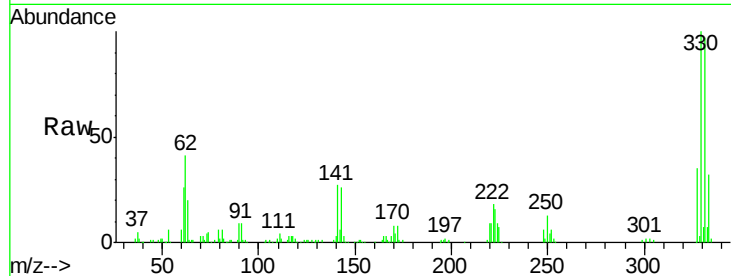
Tgt Ion:330 Resp: 276786

Ion Ratio Lower Upper

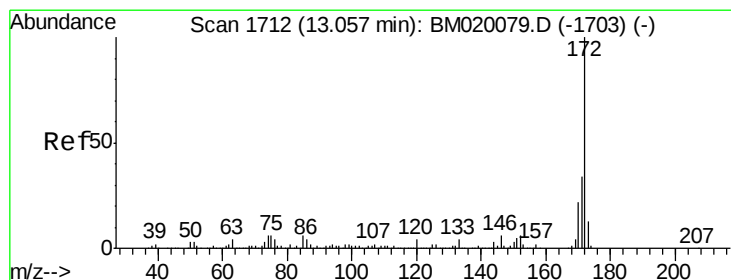
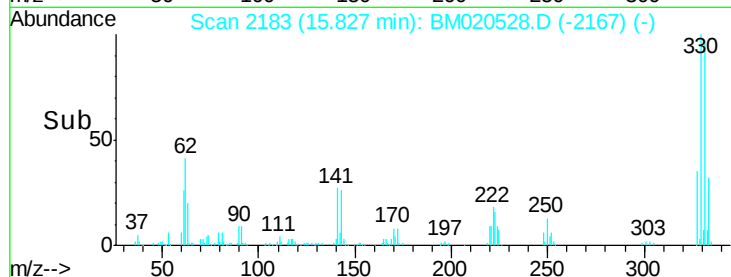
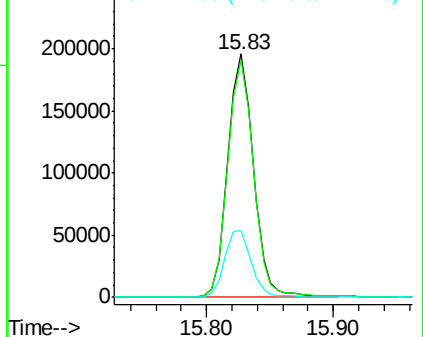
330 100

332 97.7 76.8 115.2

141 28.8 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: 91.248 ng

RT: 12.94 min Scan# 1692

Delta R.T. -0.01 min

Lab File: BM020528.D

Acq: 23 May 2019 22:34

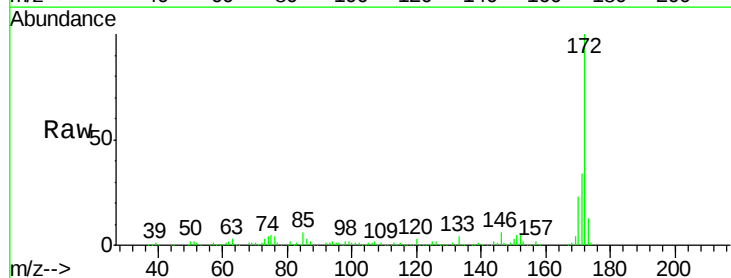
Tgt Ion:172 Resp: 776507

Ion Ratio Lower Upper

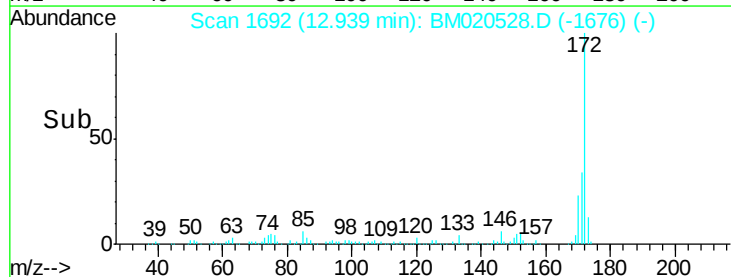
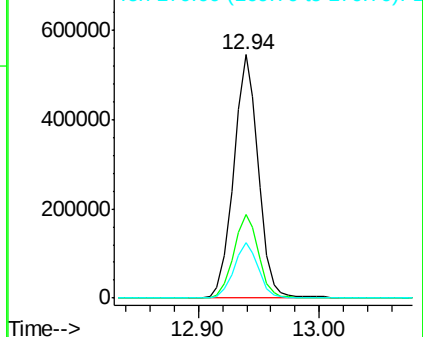
172 100

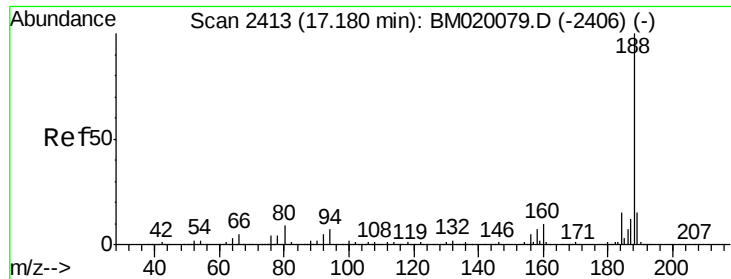
171 34.3 27.3 40.9

170 22.9 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

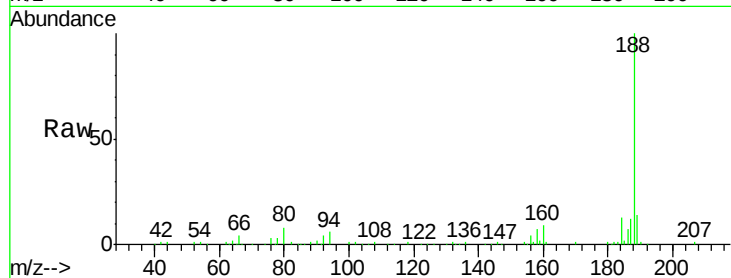




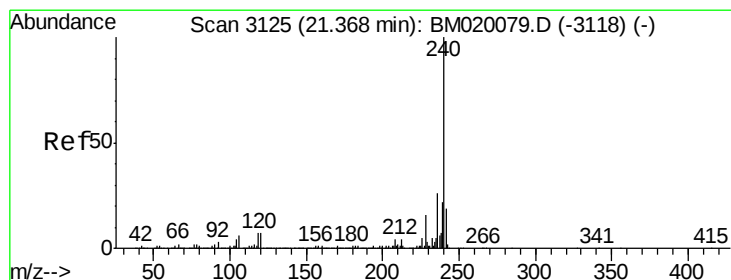
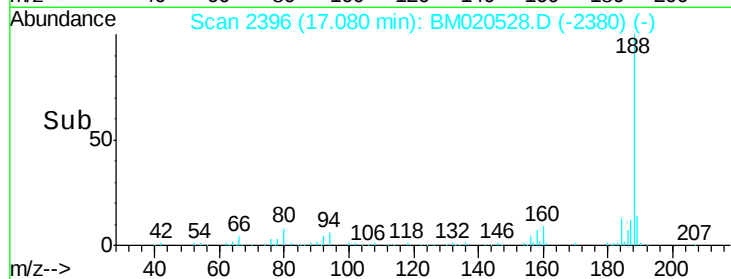
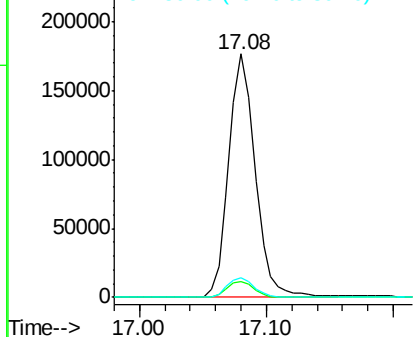
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.08 min Scan# 2396
Delta R.T. -0.01 min
Lab File: BM020528.D
Acq: 23 May 2019 22:34

Instrument :
BNA_M
ClientSampleId :
SU-03-052219-A

Tgt Ion:188 Resp: 256763
Ion Ratio Lower Upper
188 100
94 6.4 5.8 8.6
80 7.8 7.4 11.2

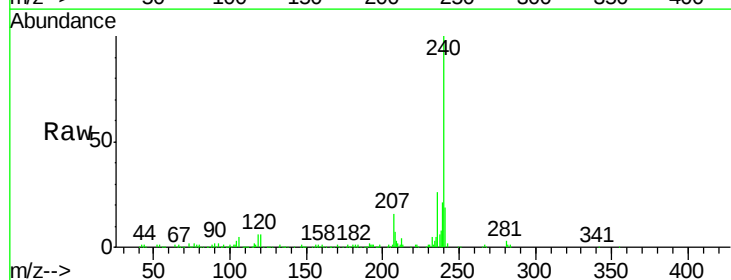


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BM0
Ion 80.00 (79.70 to 80.70): BM0

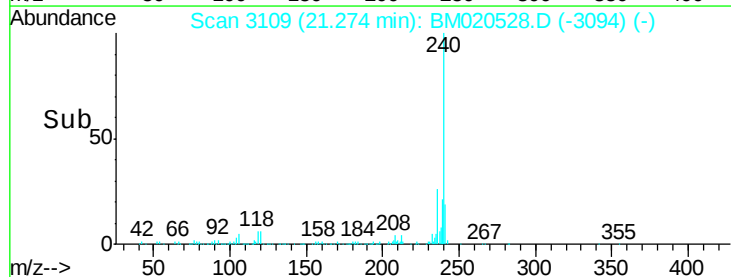
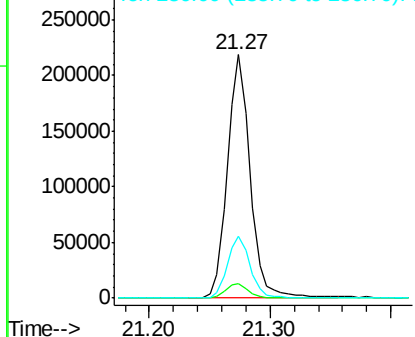


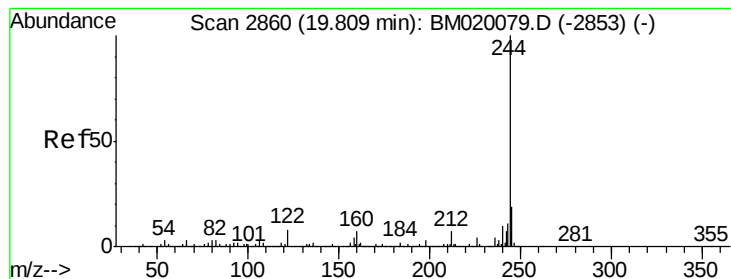
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.27 min Scan# 3109
Delta R.T. -0.01 min
Lab File: BM020528.D
Acq: 23 May 2019 22:34

Tgt Ion:240 Resp: 287198
Ion Ratio Lower Upper
240 100
120 5.9 5.6 8.4
236 25.6 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: 96.849 ng

RT: 19.72 min Scan# 2844

Delta R.T. -0.01 min

Lab File: BM020528.D

Acq: 23 May 2019 22:34

Instrument :

BNA_M

ClientSampleId :

SU-03-052219-A

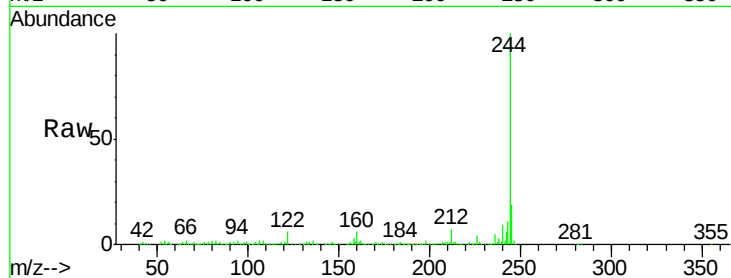
Tgt Ion:244 Resp: 1594694

Ion Ratio Lower Upper

244 100

212 6.5 5.7 8.5

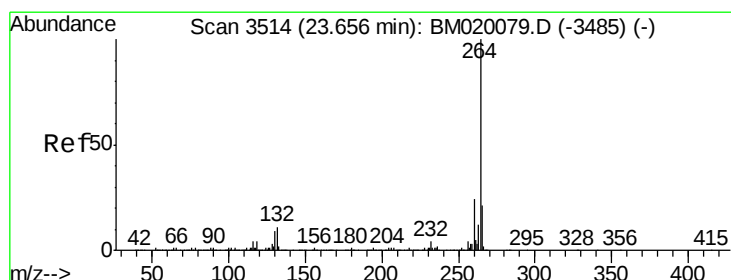
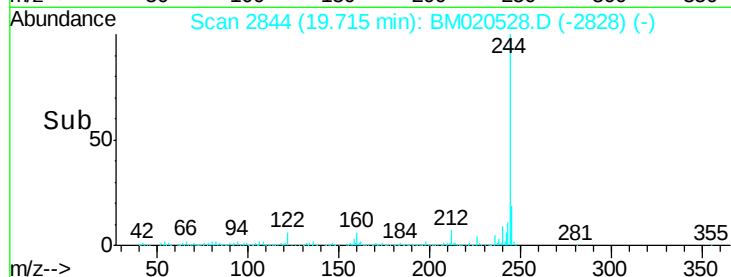
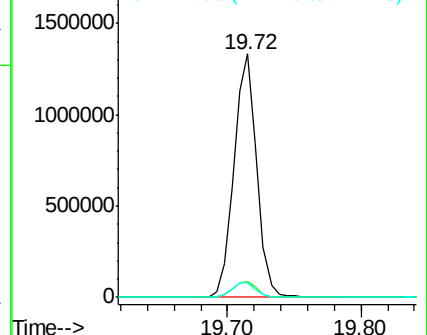
122 6.2 6.2 9.2



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

Perylene-d12

Concen: 20.000 ng

RT: 23.51 min Scan# 3490

Delta R.T. -0.02 min

Lab File: BM020528.D

Acq: 23 May 2019 22:34

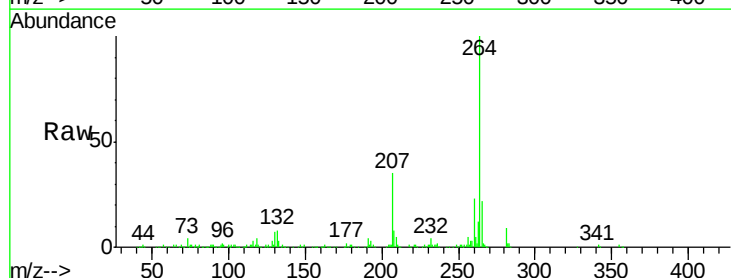
Tgt Ion:264 Resp: 348458

Ion Ratio Lower Upper

264 100

260 22.9 19.2 28.8

265 22.2 16.9 25.3



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

