

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052319\
 Data File : BM020531.D
 Acq On : 24 May 2019 00:23
 Operator : JU/SJ
 Sample : K2970-04
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 TP-11-S

Quant Time: May 24 02:12:20 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	47943	20.00	ng	0.00
21) Naphthalene-d8	10.46	136	151651	20.00	ng	0.00
39) Acenaphthene-d10	14.33	164	89767	20.00	ng	0.00
64) Phenanthrene-d10	17.08	188	224227	20.00	ng	0.00
76) Chrysene-d12	21.27	240	254214	20.00	ng	-0.01
87) Perylene-d12	23.51	264	307343	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.25	112	371450	126.64	ng	0.00
7) Phenol-d6	6.84	99	420678	104.99	ng	-0.01
23) Nitrobenzene-d5	8.84	82	356131	92.71	ng	0.00
42) 2,4,6-Tribromophenol	15.83	330	241133	173.06	ng	0.00
45) 2-Fluorobiphenyl	12.94	172	680746	93.30	ng	0.00
79) Terphenyl-d14	19.72	244	1404245	96.35	ng	0.00

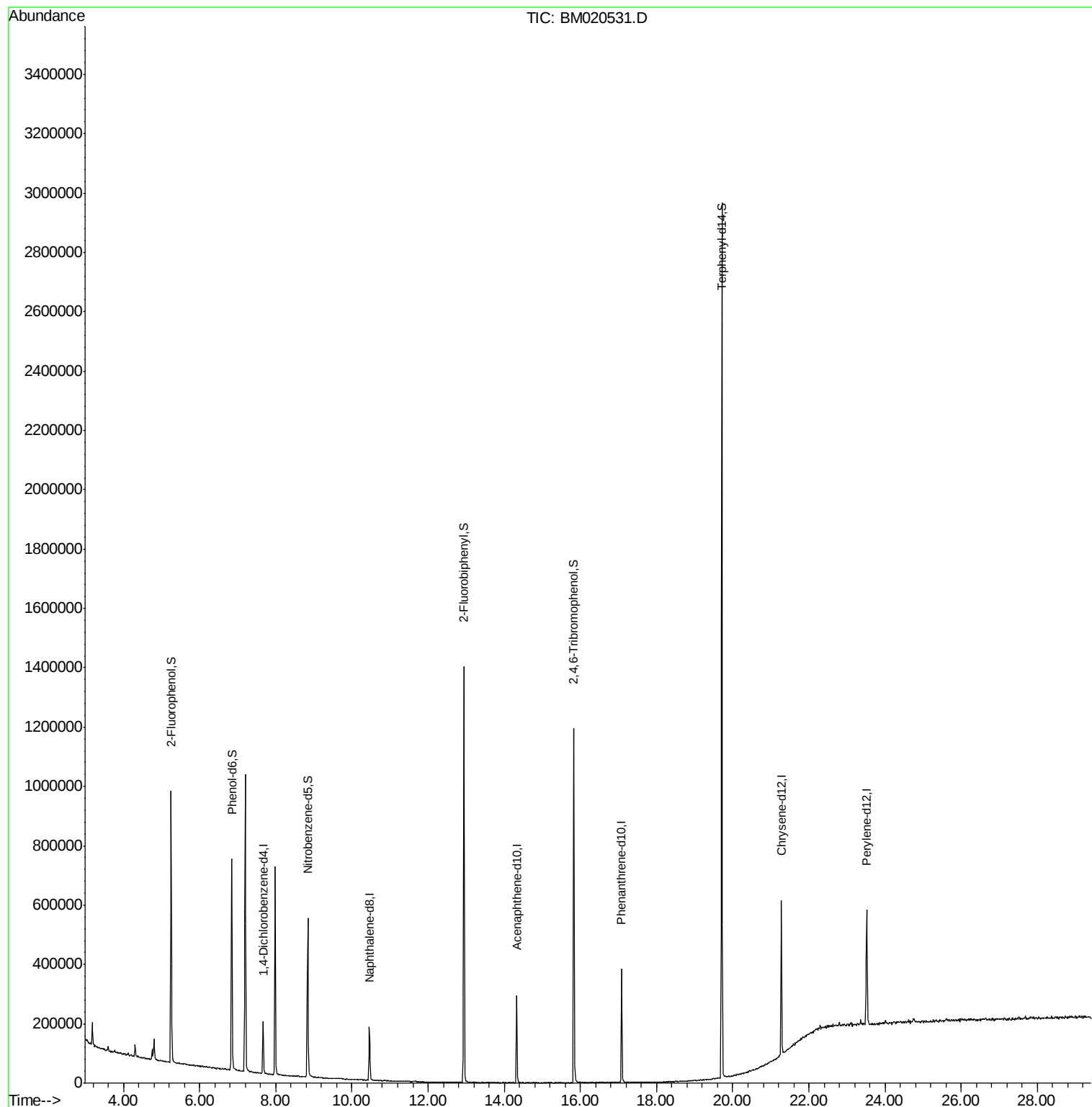
Target Compounds Qvalue

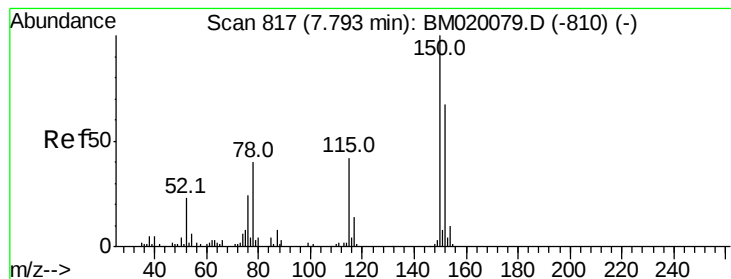
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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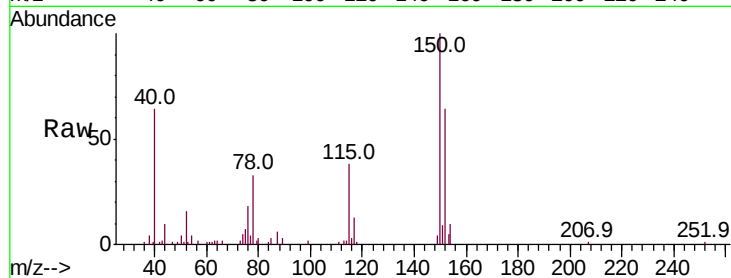


#1

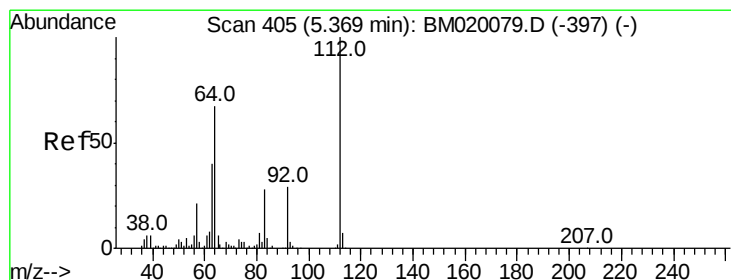
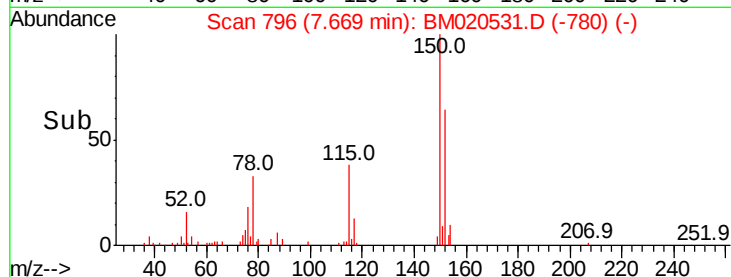
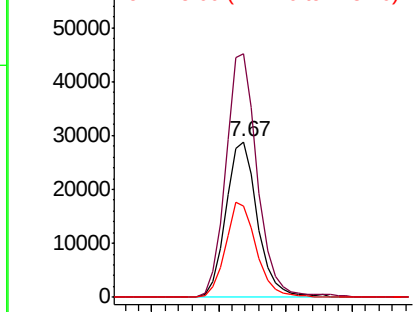
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.67 min Scan# 796
Delta R.T. -0.01 min
Lab File: BM020531.D
Acq: 24 May 2019 00:23

Instrument :
BNA_M
ClientSampleId :
TP-11-S

Tot Ion:152 Resp: 47943
Ion Ratio Lower Upper
152 100
150 156.3 119.8 179.8
115 58.9 50.8 76.2



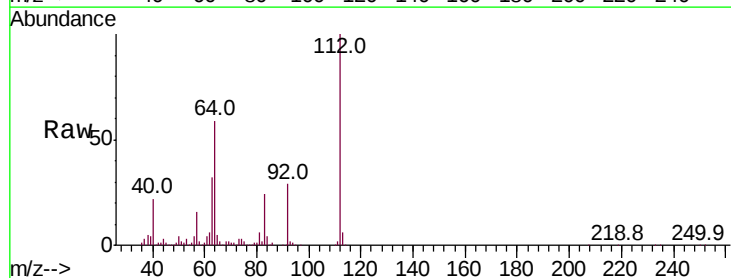
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



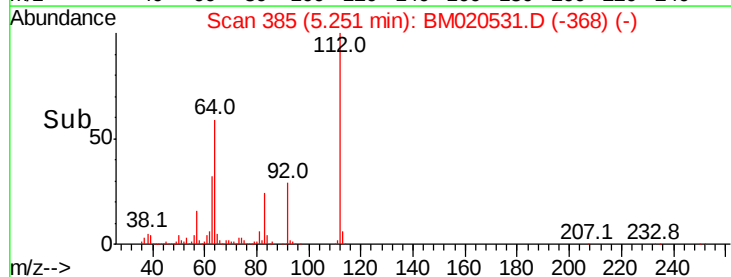
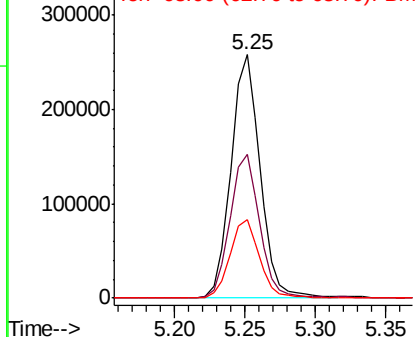
#5

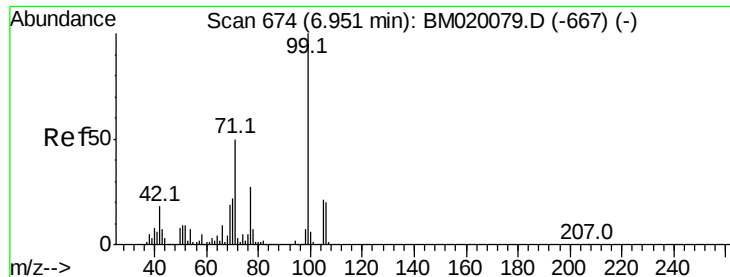
2-Fluorophenol
Concen: 126.644 ng
RT: 5.25 min Scan# 385
Delta R.T. 0.00 min
Lab File: BM020531.D
Acq: 24 May 2019 00:23

Tgt Ion:112 Resp: 371450
Ion Ratio Lower Upper
112 100
64 59.3 53.8 80.6
63 32.1 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: 104.988 ng

RT: 6.84 min Scan# 655

Delta R.T. -0.01 min

Lab File: BM020531.D

Acq: 24 May 2019 00:23

Instrument :

BNA_M

ClientSampleId :

TP-11-S

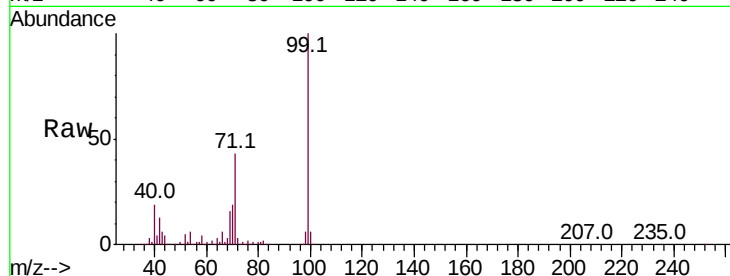
Tot Ion: 99 Resp: 420678

Ion Ratio Lower Upper

99 100

42 13.1 14.2 21.2#

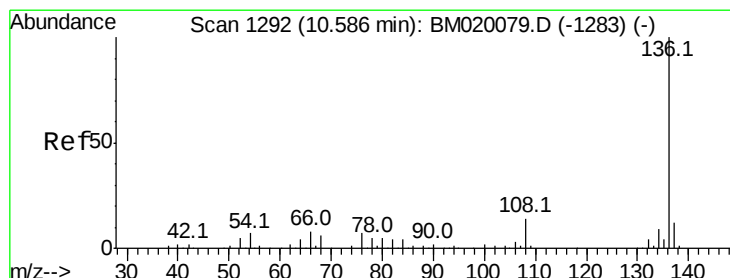
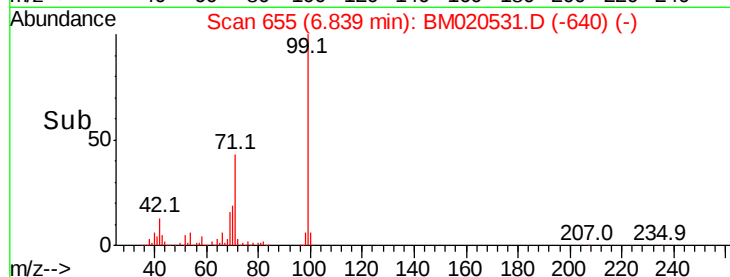
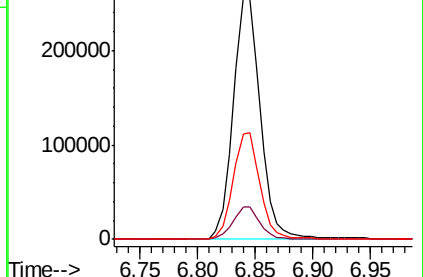
71 43.3 40.3 60.5



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) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.46 min Scan# 1270

Delta R.T. -0.01 min

Lab File: BM020531.D

Acq: 24 May 2019 00:23

Tgt Ion: 136 Resp: 151651

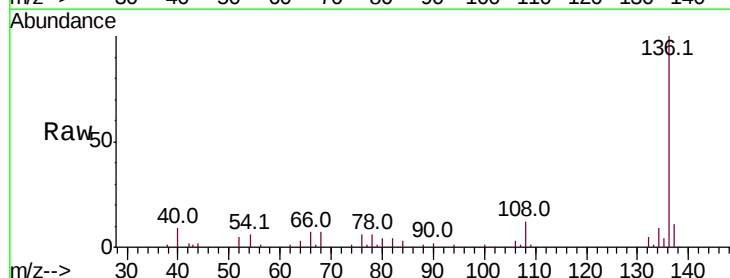
Ion Ratio Lower Upper

136 100

137 11.3 9.6 14.4

54 5.8 5.5 8.3

68 7.4 4.6 6.8#

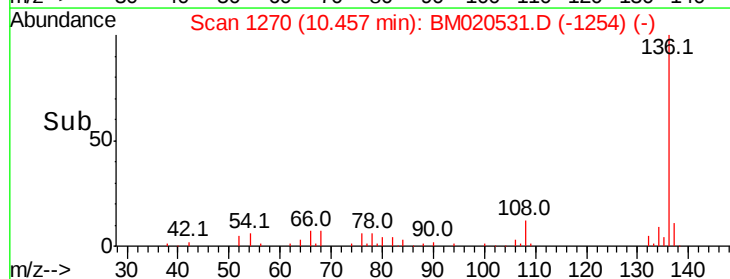
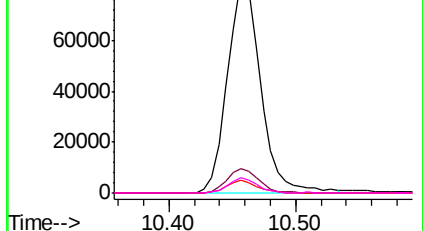


Abundance Ion 136.00 (135.70 to 136.70): BM020079.D (-1283) (-)

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) (-)

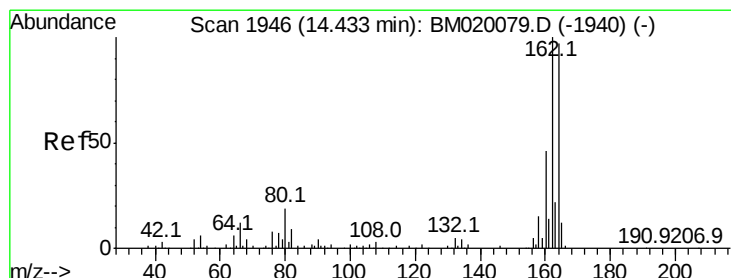
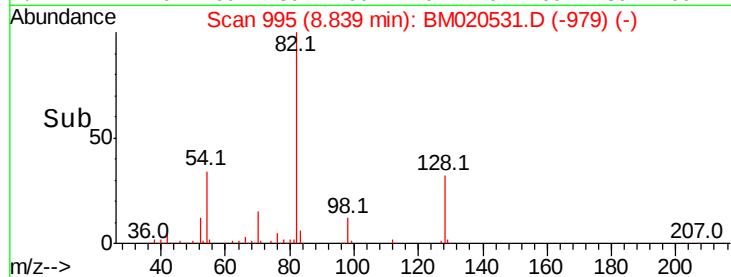
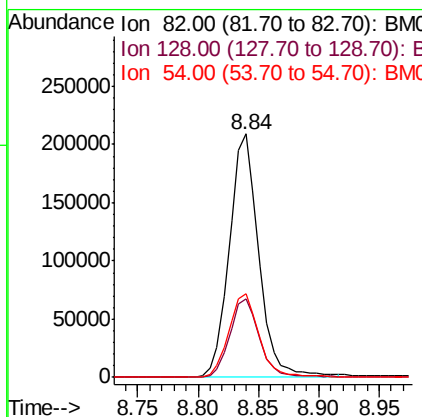
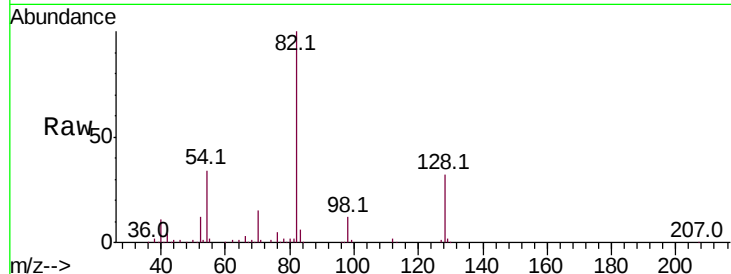




#23
 Nitrobenzene-d5
 Concen: 92.713 ng
 RT: 8.84 min Scan# 995
 Delta R.T. -0.01 min
 Lab File: BM020531.D
 Acq: 24 May 2019 00:23

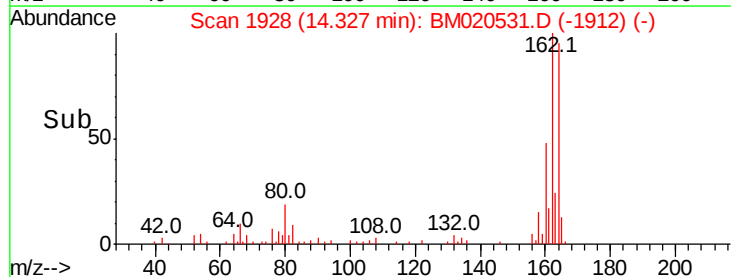
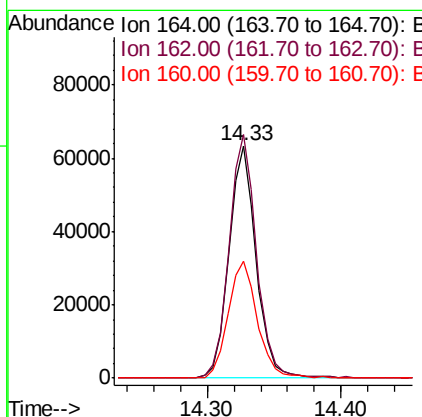
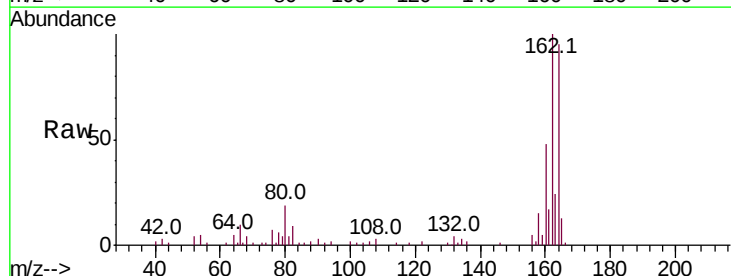
Instrument :
 BNA_M
 ClientSampleId :
 TP-11-S

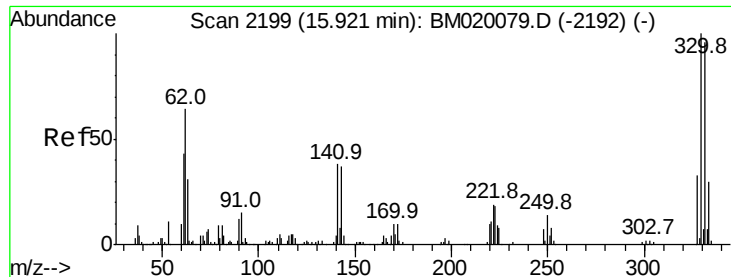
Tot Ion: 82 Resp: 356131
 Ion Ratio Lower Upper
 82 100
 128 32.1 25.2 37.8
 54 34.1 31.9 47.9



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.33 min Scan# 1928
 Delta R.T. -0.01 min
 Lab File: BM020531.D
 Acq: 24 May 2019 00:23

Tgt Ion: 164 Resp: 89767
 Ion Ratio Lower Upper
 164 100
 162 104.9 82.2 123.2
 160 50.5 37.6 56.4





#42

2,4,6-Tribromophenol

Concen: 173.060 ng

RT: 15.83 min Scan# 2183

Delta R.T. -0.01 min

Lab File: BM020531.D

Acq: 24 May 2019 00:23

Instrument :

BNA_M

ClientSampleId :

TP-11-S

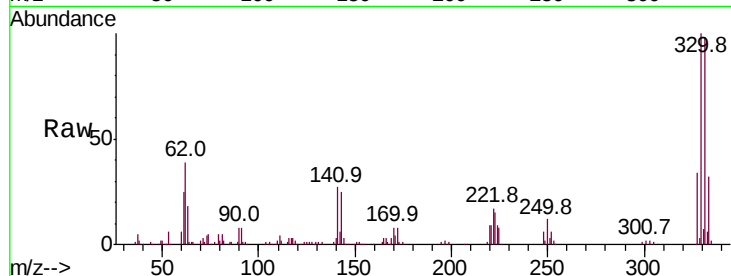
Tot Ion:330 Resp: 241133

Ion Ratio Lower Upper

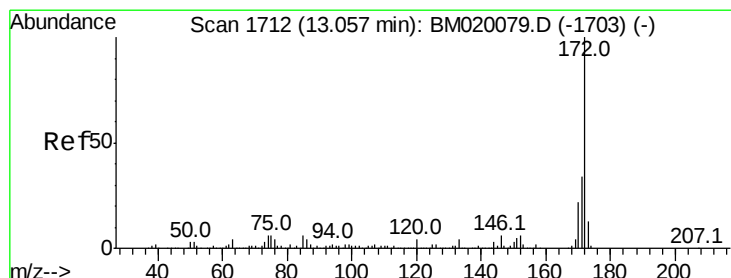
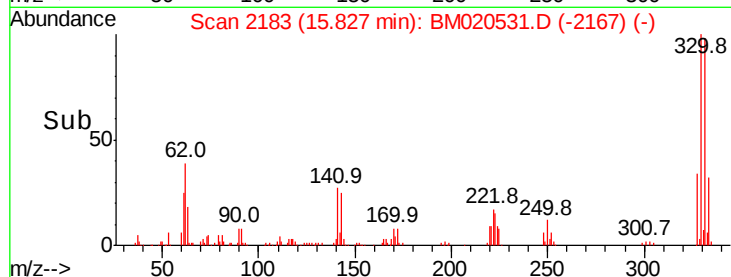
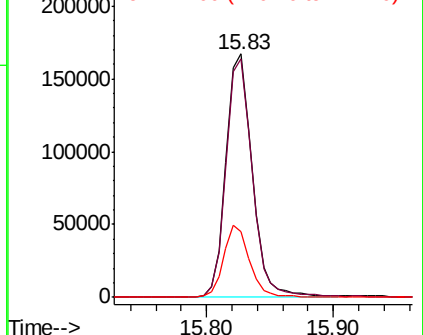
330 100

332 97.8 76.8 115.2

141 29.2 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: 93.304 ng

RT: 12.94 min Scan# 1692

Delta R.T. -0.01 min

Lab File: BM020531.D

Acq: 24 May 2019 00:23

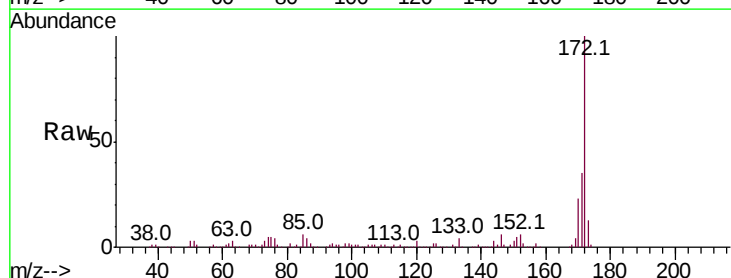
Tgt Ion:172 Resp: 680746

Ion Ratio Lower Upper

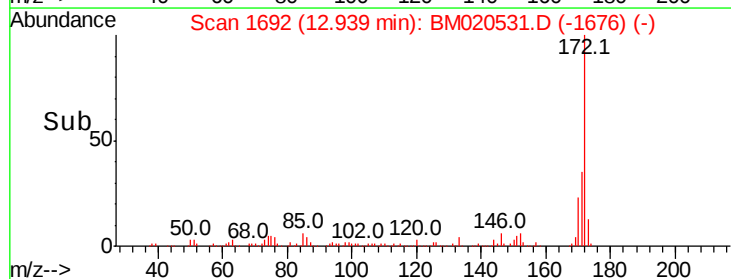
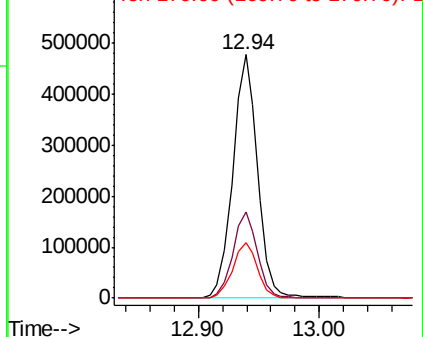
172 100

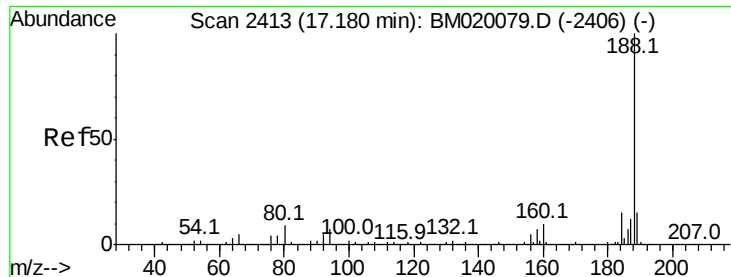
171 35.4 27.3 40.9

170 23.0 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: BM020531.D

Acq: 24 May 2019 00:23

Instrument :

BNA_M

ClientSampleId :

TP-11-S

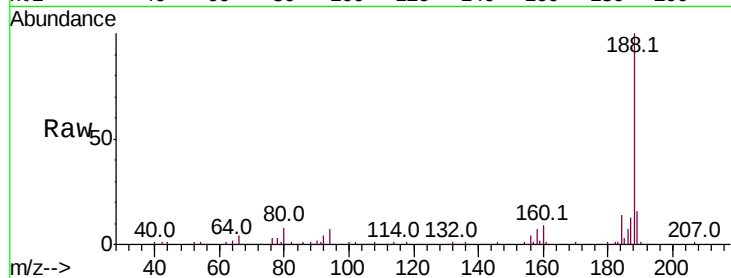
Tot Ion:188 Resp: 224227

Ion Ratio Lower Upper

188 100

94 6.9 5.8 8.6

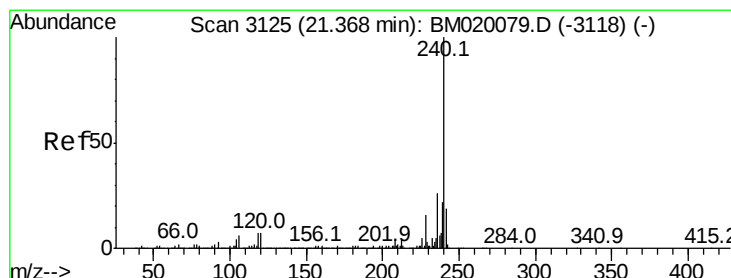
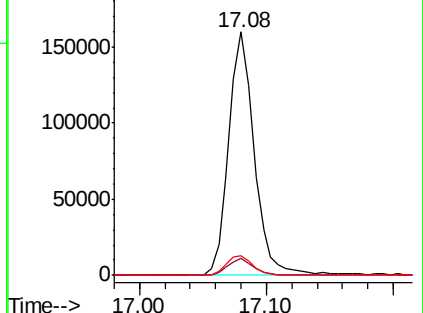
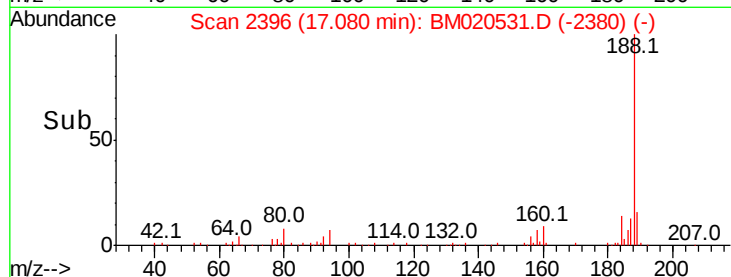
80 7.9 7.4 11.2



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: 21.27 min Scan# 3109

Delta R.T. -0.01 min

Lab File: BM020531.D

Acq: 24 May 2019 00:23

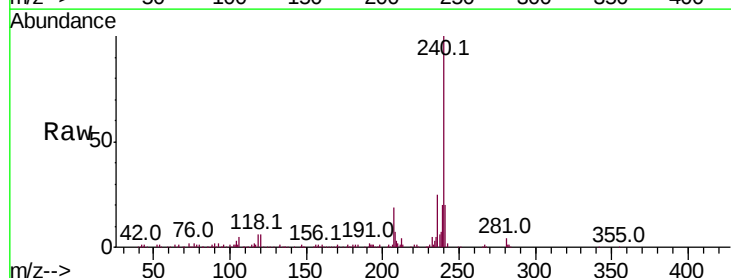
Tgt Ion:240 Resp: 254214

Ion Ratio Lower Upper

240 100

120 5.6 5.6 8.4

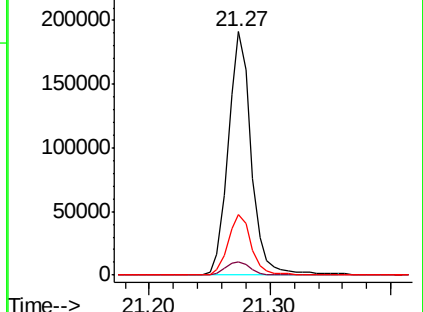
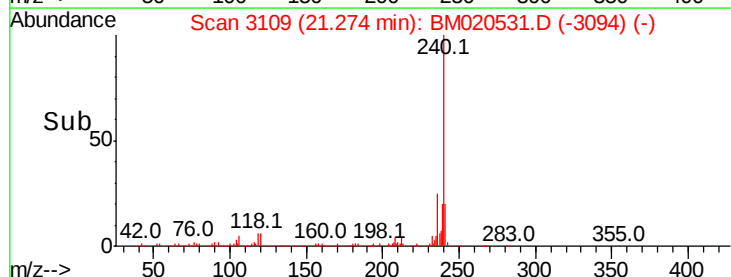
236 25.0 20.9 31.3

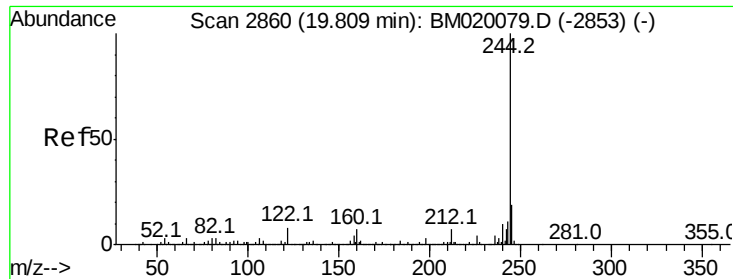


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



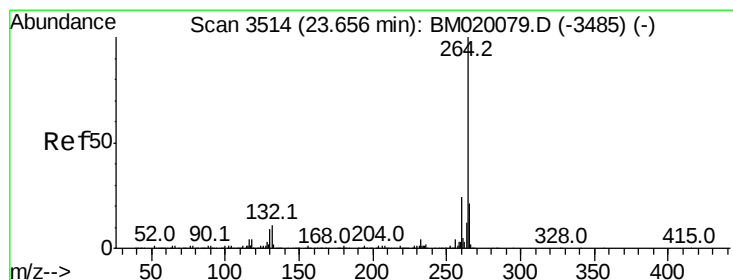
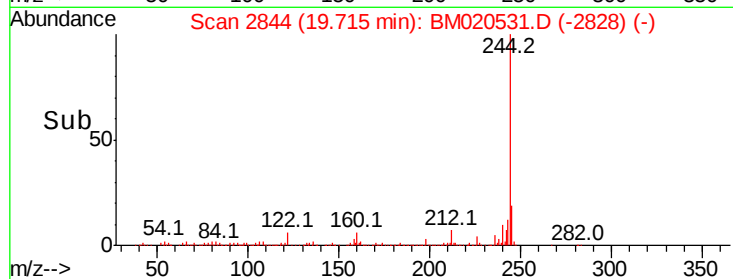
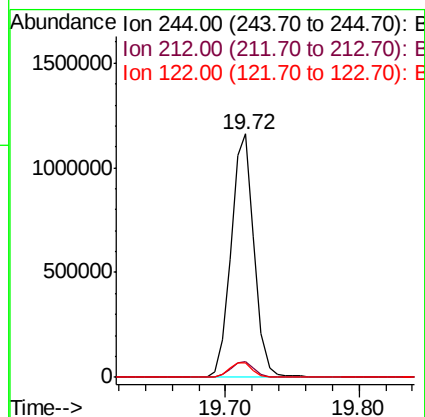
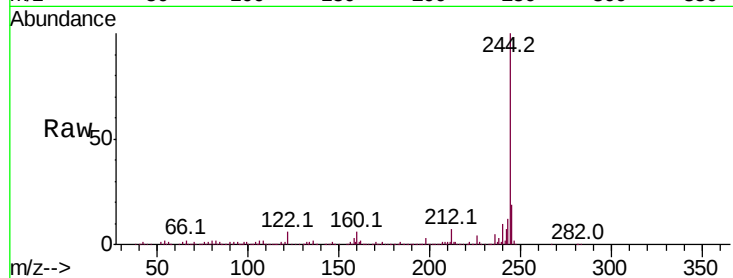


#79
 Terphenyl-d14
 Concen: 96.348 ng
 RT: 19.72 min Scan# 2844
 Delta R.T. -0.01 min
 Lab File: BM020531.D
 Acq: 24 May 2019 00:23

Instrument :
 BNA_M
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 TP-11-S

Tot Ion:244 Resp: 1404245

Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.7	8.5
122	6.0	6.2	9.2#



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.51 min Scan# 3490
 Delta R.T. -0.02 min
 Lab File: BM020531.D
 Acq: 24 May 2019 00:23

Tgt Ion:264 Resp: 307343

Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.2	28.8
265	22.4	16.9	25.3

