

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

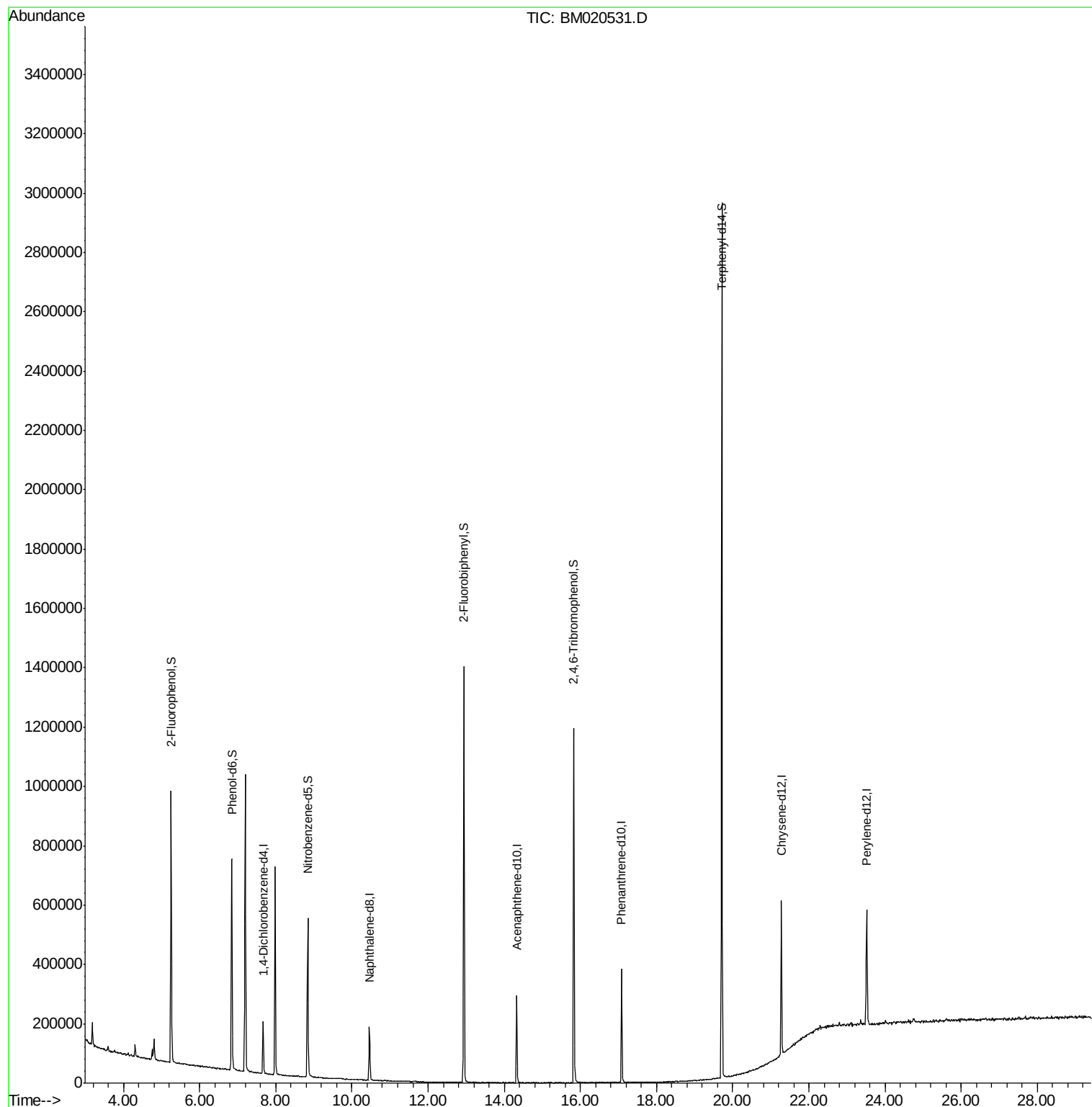
Target Compounds	Qvalue
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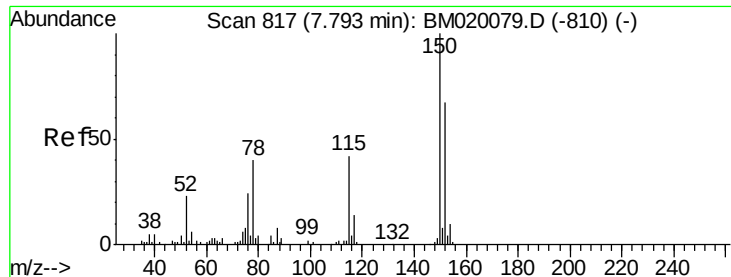
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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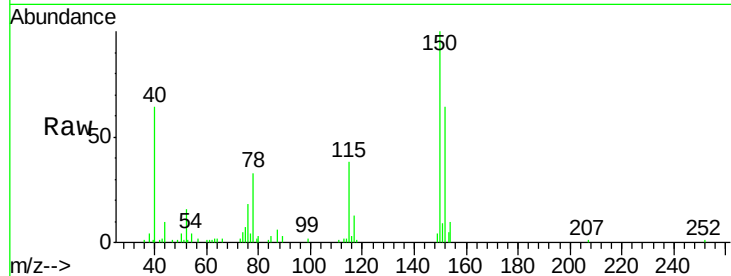


#1

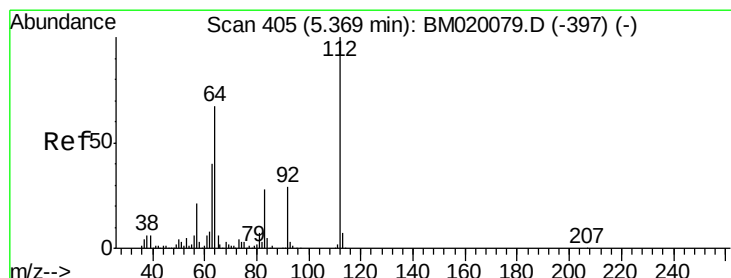
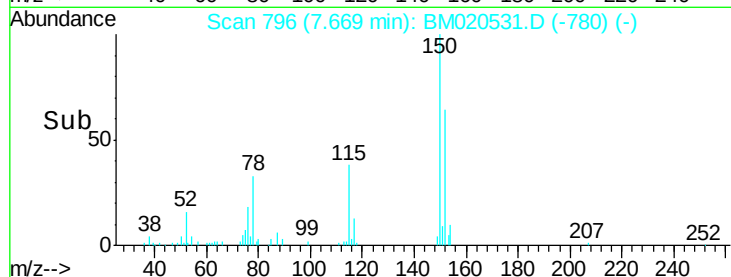
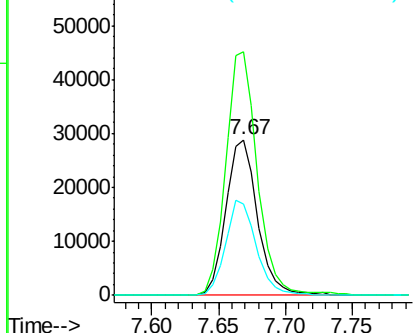
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.67 min Scan# 796
Delta R.T. -0.01 min
Lab File: BM020531.D
Acq: 24 May 2019 00:23

Instrument :
BNA_M
ClientSampleId :
TP-11-S

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



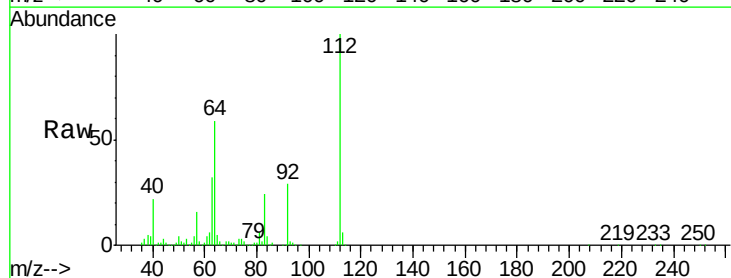
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



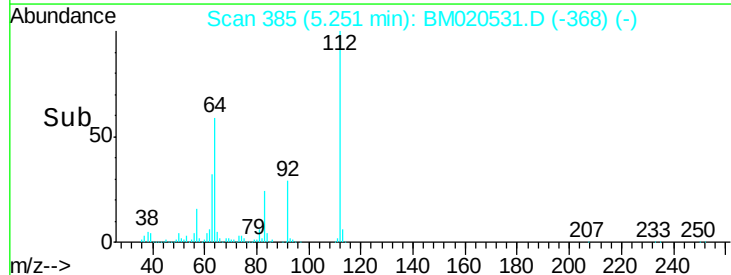
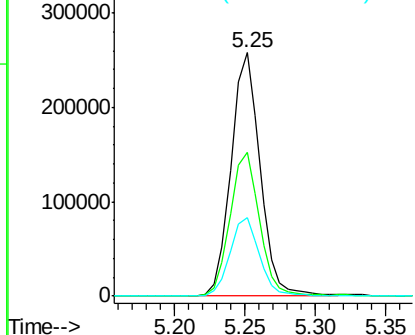
#5

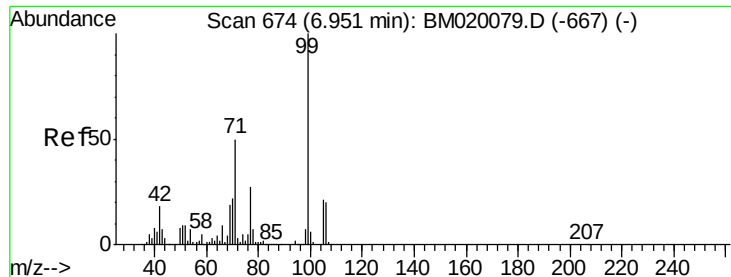
2-Fluorophenol
Concen: 126.644 ng
RT: 5.25 min Scan# 385
Delta R.T. 0.00 min
Lab File: BM020531.D
Acq: 24 May 2019 00:23

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

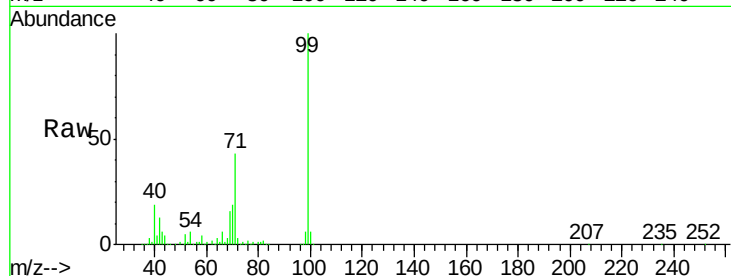
Tgt Ion: 99 Resp: 420678

Ion Ratio Lower Upper

99 100

42 13.1 14.2 21.2#

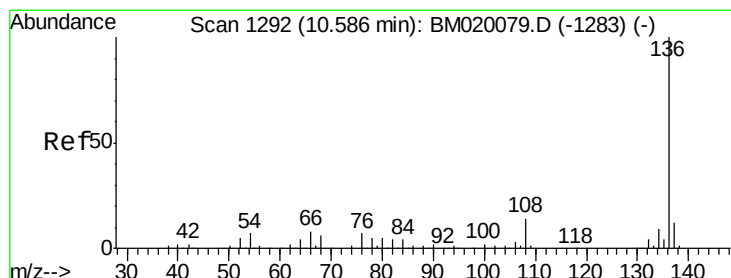
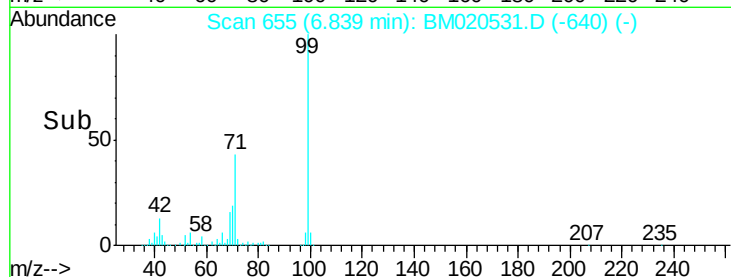
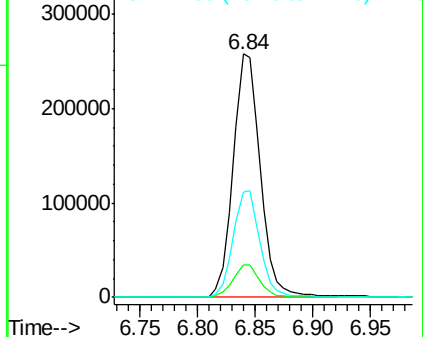
71 43.3 40.3 60.5



Abundance Ion 99.00 (98.70 to 99.70): BM020531.D (-640) (-)

Ion 42.00 (41.70 to 42.70): BM020531.D (-640) (-)

Ion 71.00 (70.70 to 71.70): BM020531.D (-640) (-)



#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

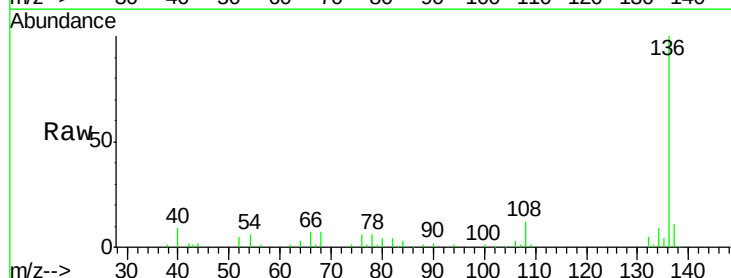
Ion Ratio Lower Upper

136 100

137 11.3 9.6 14.4

54 5.8 5.5 8.3

68 7.4 4.6 6.8#

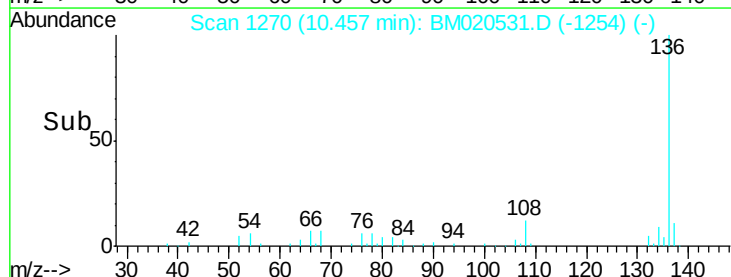
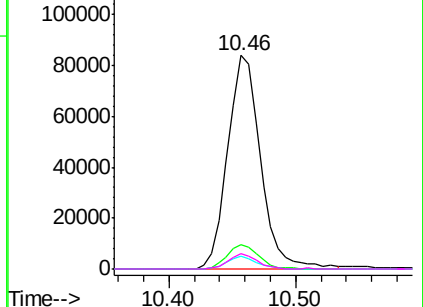


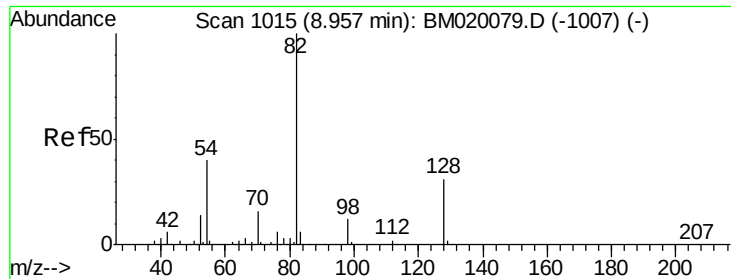
Abundance Ion 136.00 (135.70 to 136.70): BM020531.D (-1254) (-)

Ion 137.00 (136.70 to 137.70): BM020531.D (-1254) (-)

Ion 54.00 (53.70 to 54.70): BM020531.D (-1254) (-)

Ion 68.00 (67.70 to 68.70): BM020531.D (-1254) (-)

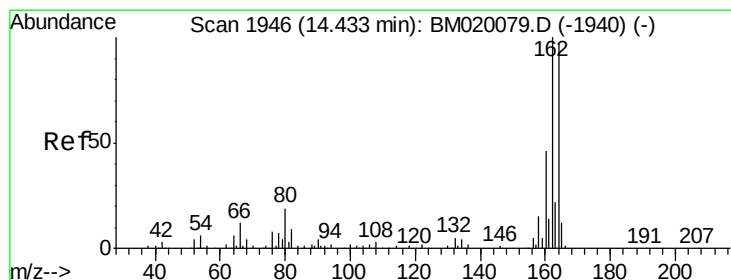
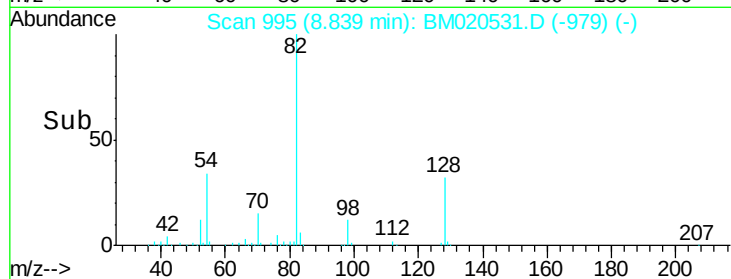
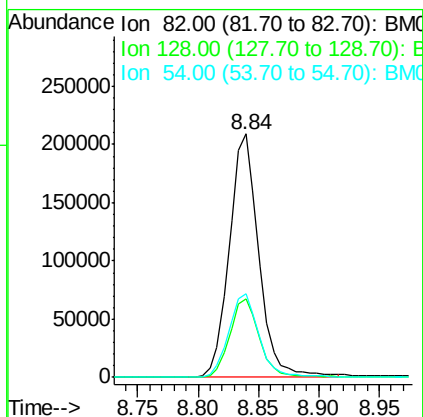
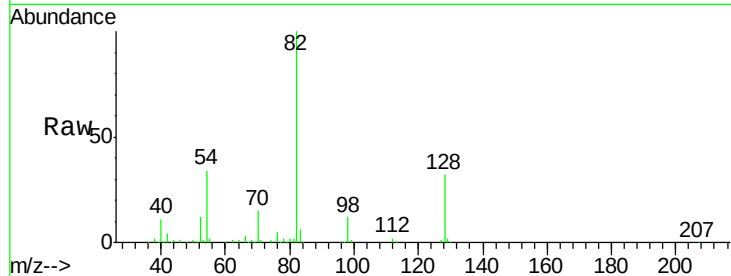




#23
 Nitrobenzene-d5
 Concen: 92.713 ng
 RT: 8.84 min Scan# 995
 Delta R.T. -0.01 min
 Lab File: BM020531.D
 Acq: 24 May 2019 00:23

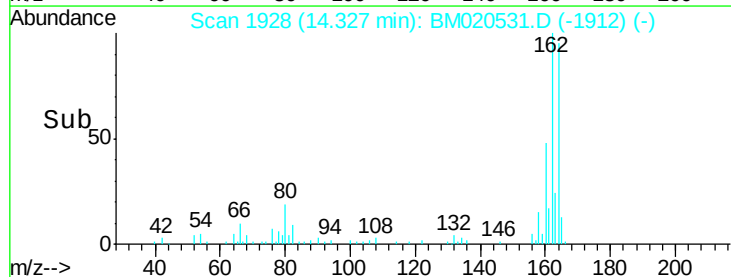
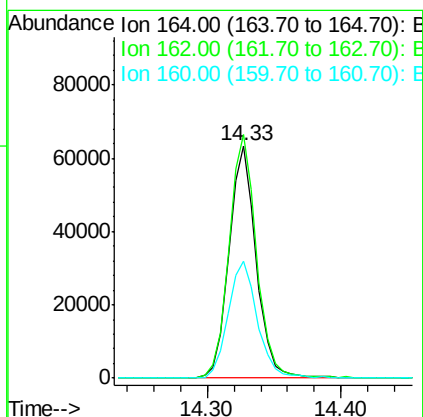
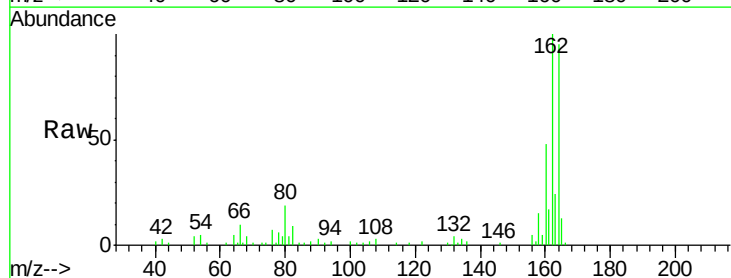
Instrument :
 BNA_M
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 TP-11-S

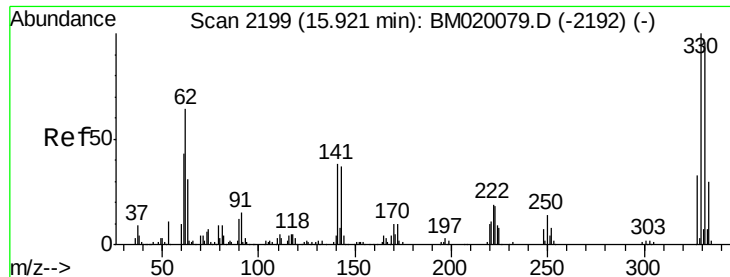
Tgt Ion	Ratio	Lower	Upper
82	100		
128	32.1	25.2	37.8
54	34.1	31.9	47.9



#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	Ratio	Lower	Upper
164	100		
162	104.9	82.2	123.2
160	50.5	37.6	56.4

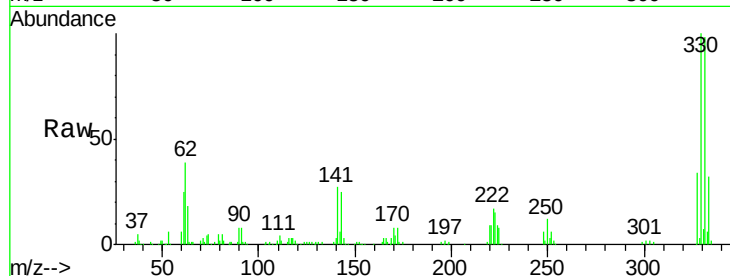




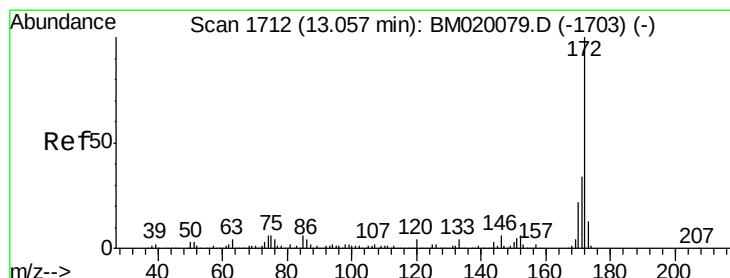
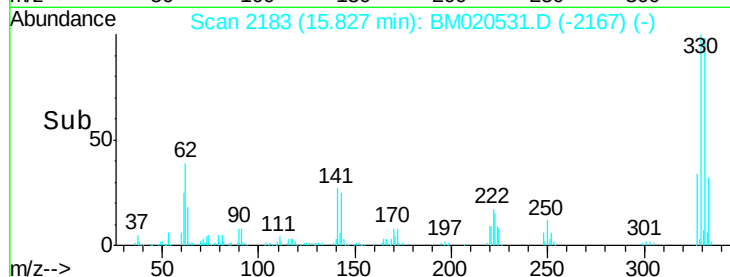
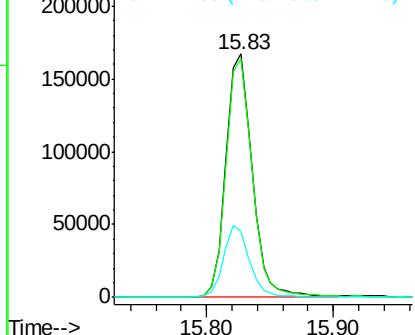
#42
 2,4,6-Tribromophenol
 Concen: 173.060 ng
 RT: 15.83 min Scan# 2183
 Delta R.T. -0.01 min
 Lab File: BM020531.D
 Acq: 24 May 2019 00:23

Instrument :
 BNA_M
 ClientSampleId :
 TP-11-S

Tgt Ion:330 Resp: 241133
 Ion Ratio Lower Upper
 330 100
 332 97.8 76.8 115.2
 141 29.2 29.2 43.8

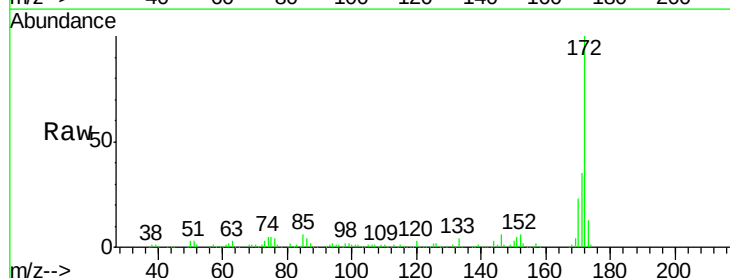


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

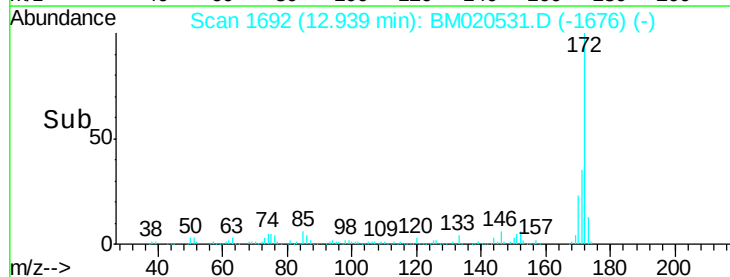
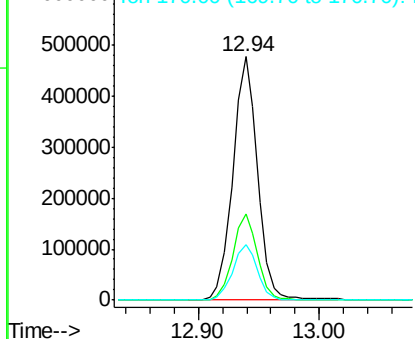


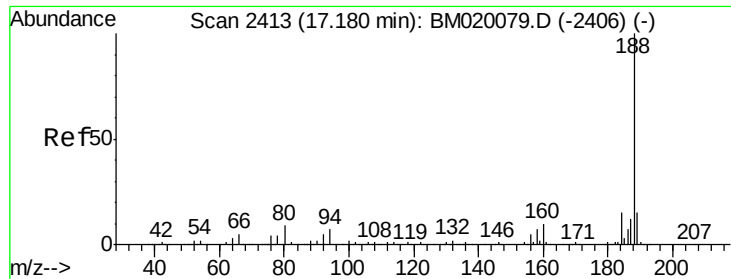
#45
 2-Fluorobiphenyl
 Concen: 93.304 ng
 RT: 12.94 min Scan# 1692
 Delta R.T. -0.01 min
 Lab File: BM020531.D
 Acq: 24 May 2019 00:23

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

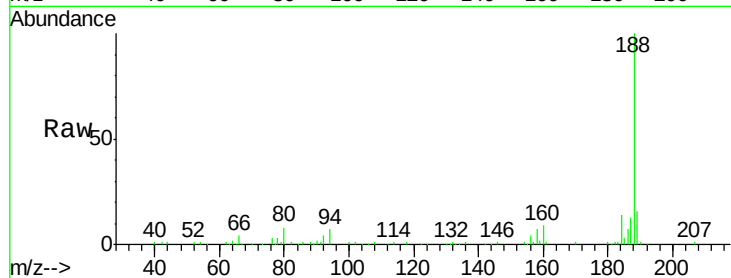




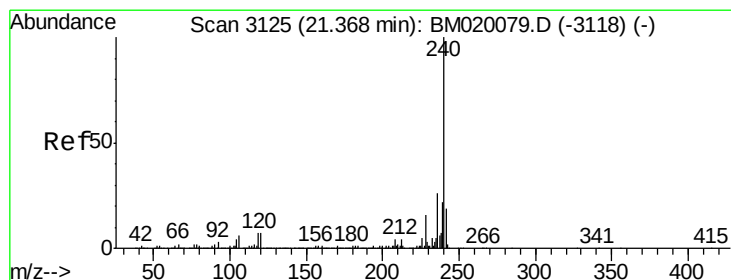
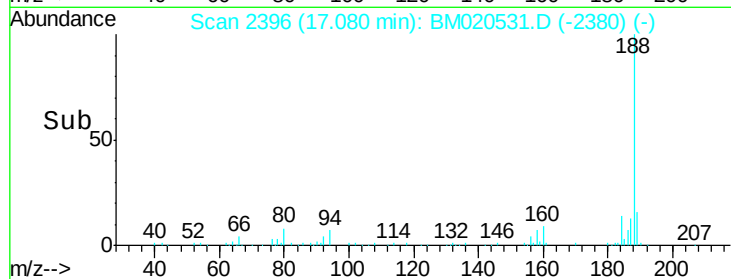
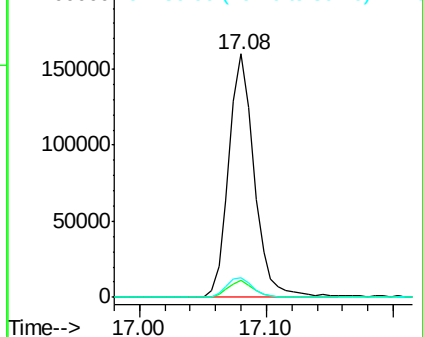
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.08 min Scan# 2396
Delta R.T. -0.01 min
Lab File: BM020531.D
Acq: 24 May 2019 00:23

Instrument :
BNA_M
ClientSampleId :
TP-11-S

Tgt Ion:188 Resp: 224227
Ion Ratio Lower Upper
188 100
94 6.9 5.8 8.6
80 7.9 7.4 11.2

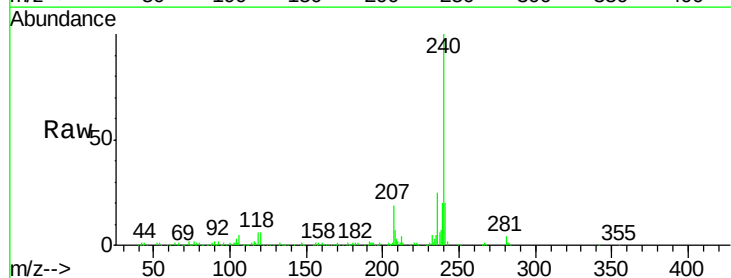


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BM0
Ion 80.00 (79.70 to 80.70): BM0

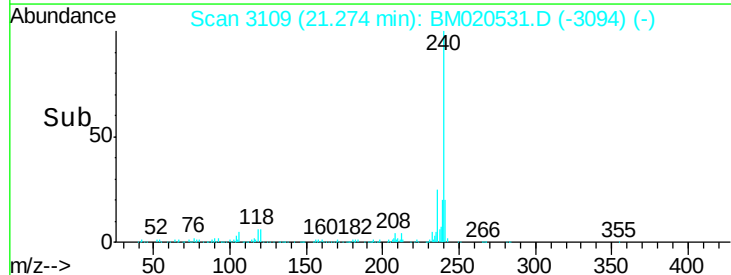
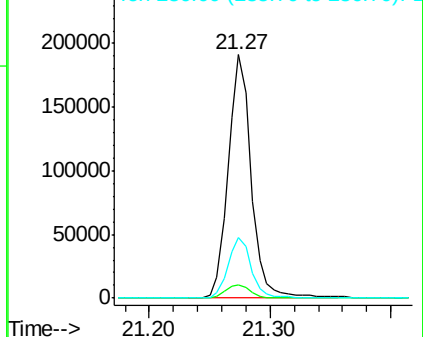


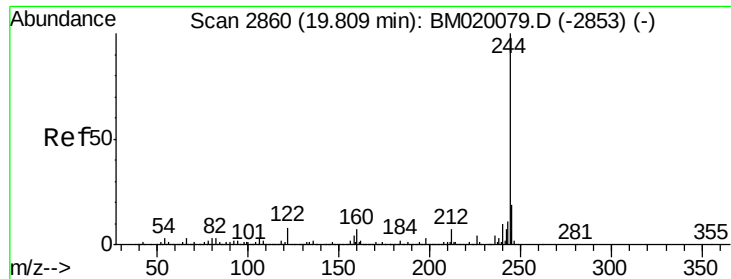
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.27 min Scan# 3109
Delta R.T. -0.01 min
Lab File: BM020531.D
Acq: 24 May 2019 00:23

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

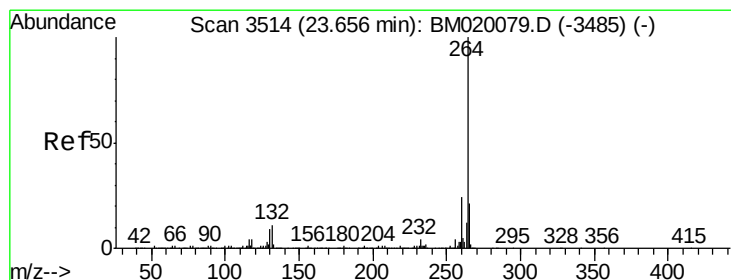
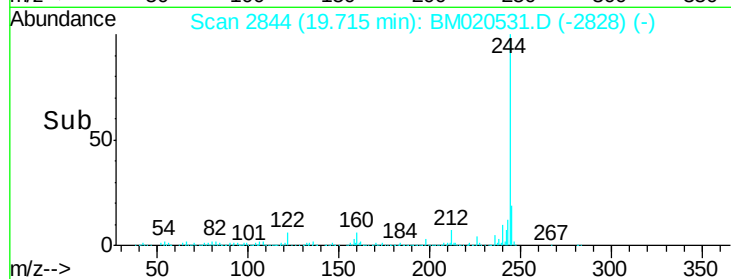
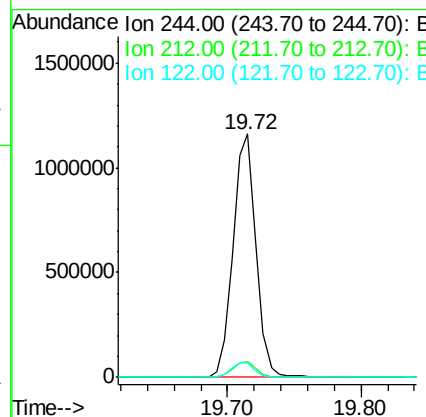
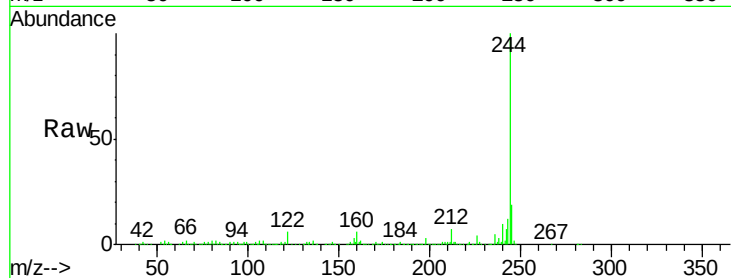




#79
 Terphenyl-d14
 Concen: 96.348 ng
 RT: 19.72 min Scan# 2844
 Delta R.T. -0.01 min
 Lab File: BM020531.D
 Acq: 24 May 2019 00:23

Instrument :
 BNA_M
 ClientSampleId :
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Tgt 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

