

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM052319\
 Data File : BM020534.D
 Acq On : 24 May 2019 02:11
 Operator : JU/SJ
 Sample : K2978-03
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 RO-SOIL

Quant Time: May 24 03:47:48 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	51015	20.00	ng	0.00
21) Naphthalene-d8	10.46	136	157314	20.00	ng	0.00
39) Acenaphthene-d10	14.33	164	95779	20.00	ng	0.00
64) Phenanthrene-d10	17.08	188	236673	20.00	ng	0.00
76) Chrysene-d12	21.27	240	275282	20.00	ng	-0.01
87) Perylene-d12	23.52	264	340478	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.25	112	416047	133.31	ng	0.00
7) Phenol-d6	6.85	99	464613	108.97	ng	0.00
23) Nitrobenzene-d5	8.84	82	377299	94.69	ng	0.00
42) 2,4,6-Tribromophenol	15.83	330	263146	177.00	ng	0.00
45) 2-Fluorobiphenyl	12.94	172	727058	93.40	ng	0.00
79) Terphenyl-d14	19.71	244	1513416	95.89	ng	-0.01

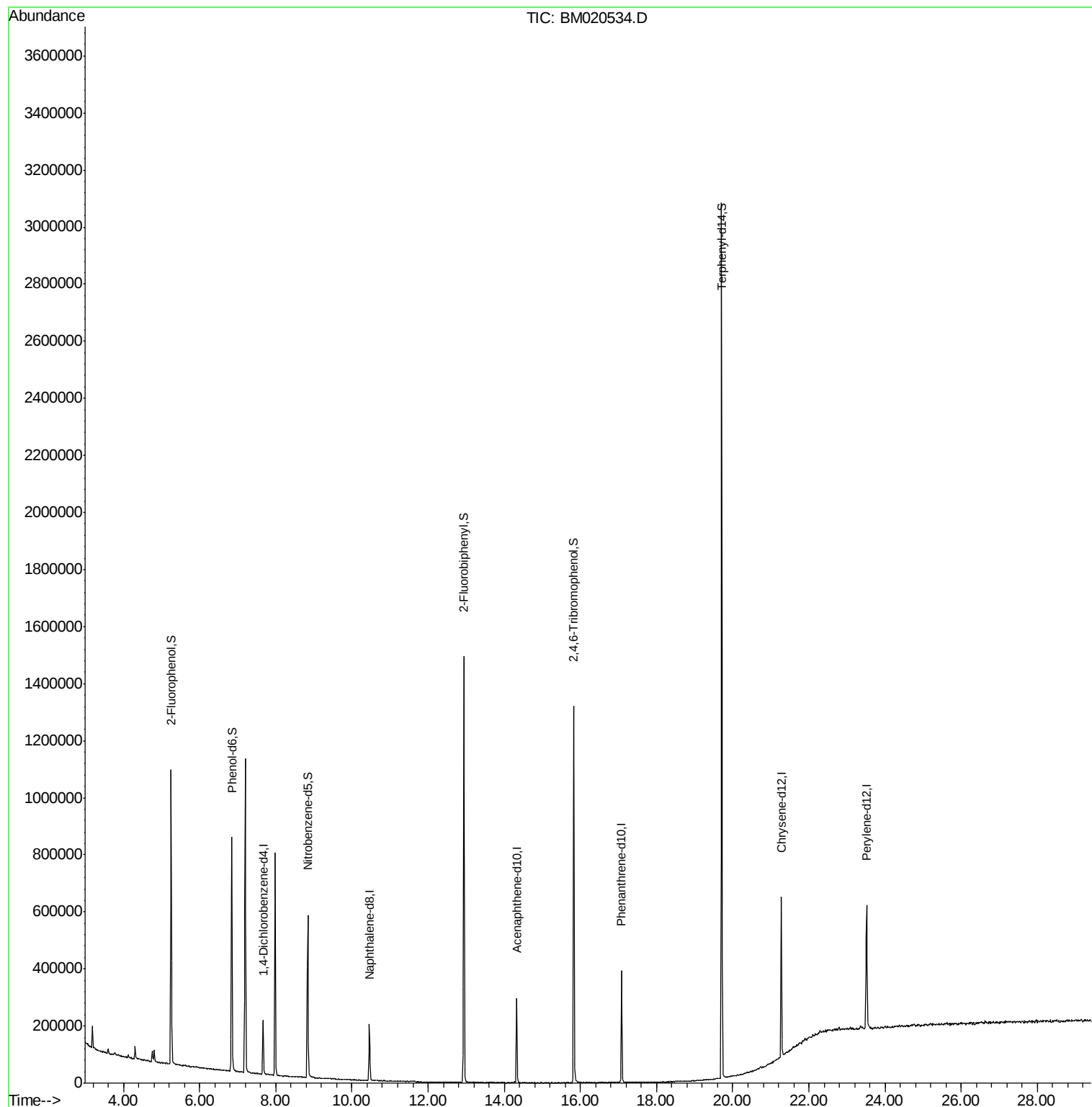
Target Compounds	Qvalue
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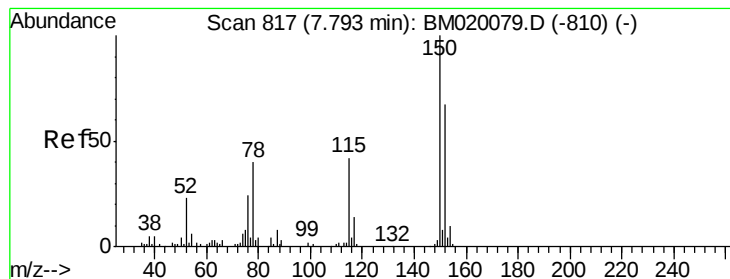
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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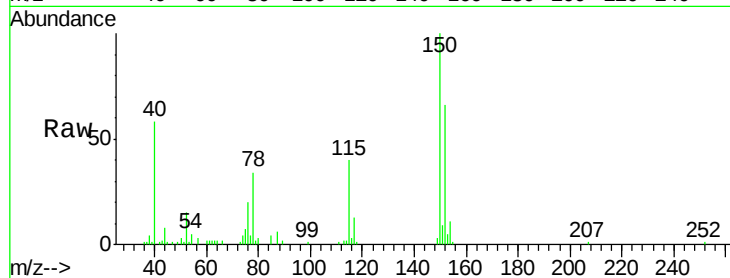


#1

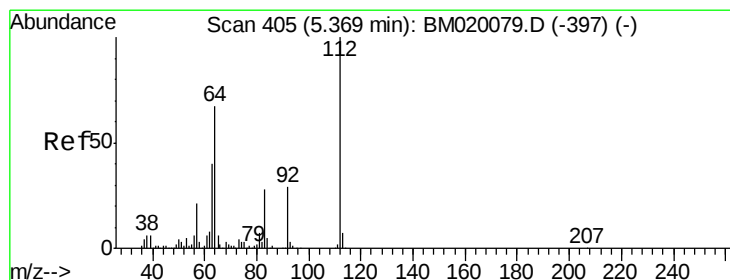
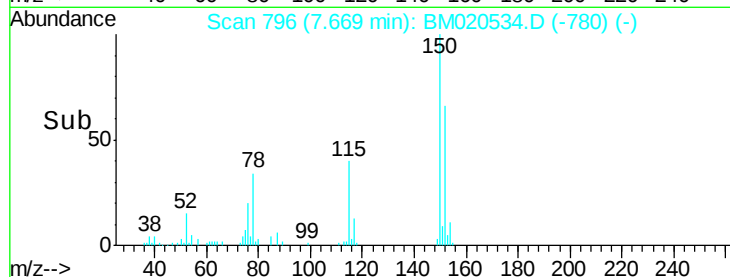
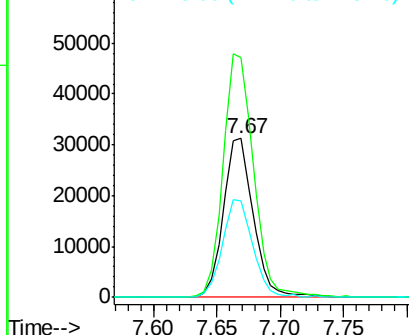
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.67 min Scan# 796
Delta R.T. -0.01 min
Lab File: BM020534.D
Acq: 24 May 2019 02:11

Instrument :
BNA_M
ClientSampled :
RO-SOIL

Tgt Ion:152 Resp: 51015
Ion Ratio Lower Upper
152 100
150 150.8 119.8 179.8
115 60.6 50.8 76.2



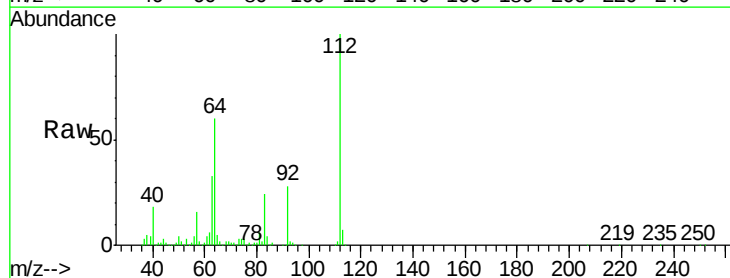
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



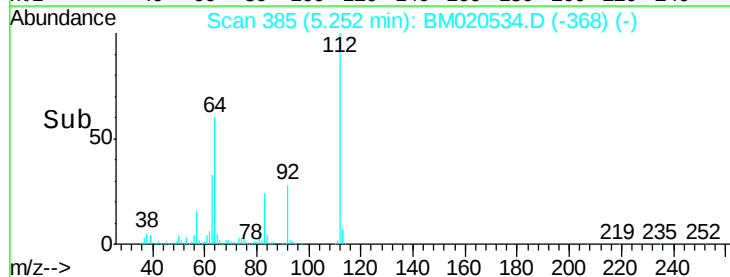
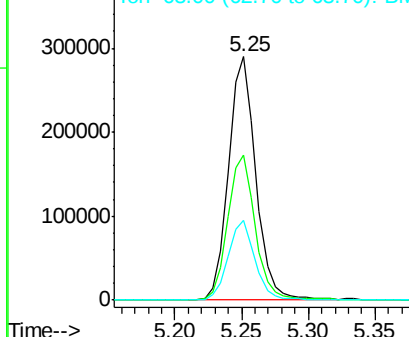
#5

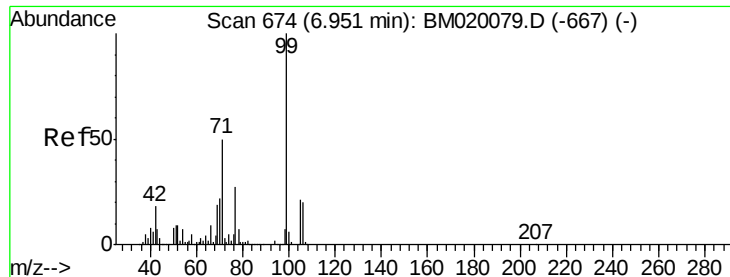
2-Fluorophenol
Concen: 133.307 ng
RT: 5.25 min Scan# 385
Delta R.T. 0.00 min
Lab File: BM020534.D
Acq: 24 May 2019 02:11

Tgt Ion:112 Resp: 416047
Ion Ratio Lower Upper
112 100
64 59.6 53.8 80.6
63 32.6 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: 108.970 ng

RT: 6.85 min Scan# 656

Delta R.T. -0.01 min

Lab File: BM020534.D

Acq: 24 May 2019 02:11

Instrument :

BNA_M

ClientSampleId :

RO-SOIL

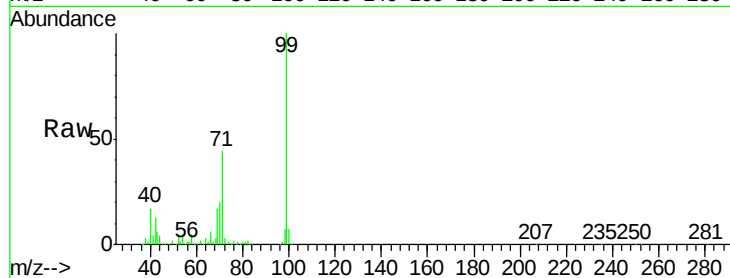
Tgt Ion: 99 Resp: 464613

Ion Ratio Lower Upper

99 100

42 12.6 14.2 21.2#

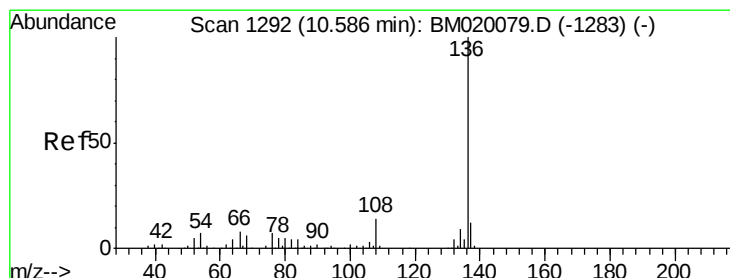
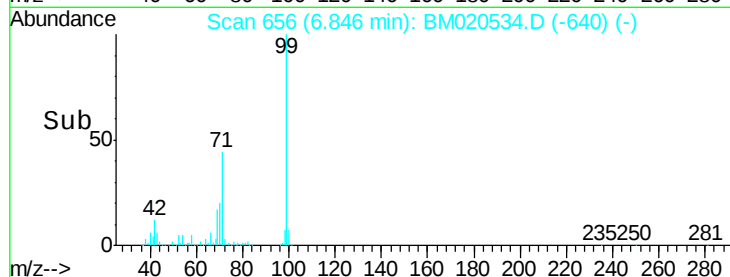
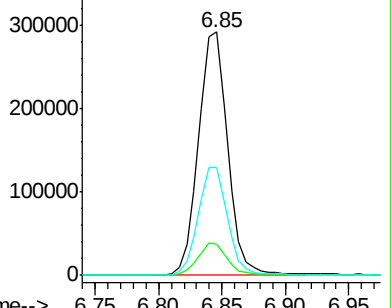
71 44.4 40.3 60.5



Abundance Ion 99.00 (98.70 to 99.70): BM020534.D (-640) (-)

Ion 42.00 (41.70 to 42.70): BM020534.D (-640) (-)

Ion 71.00 (70.70 to 71.70): BM020534.D (-640) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.46 min Scan# 1270

Delta R.T. -0.01 min

Lab File: BM020534.D

Acq: 24 May 2019 02:11

Tgt Ion: 136 Resp: 157314

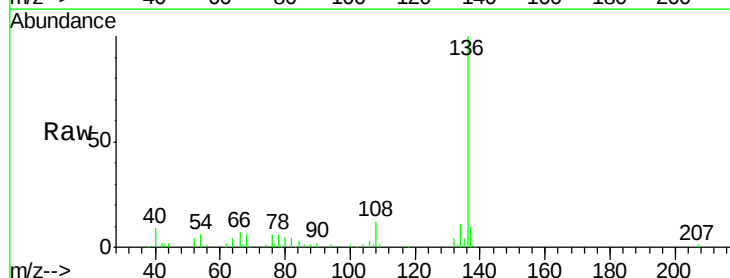
Ion Ratio Lower Upper

136 100

137 10.3 9.6 14.4

54 5.7 5.5 8.3

68 5.5 4.6 6.8

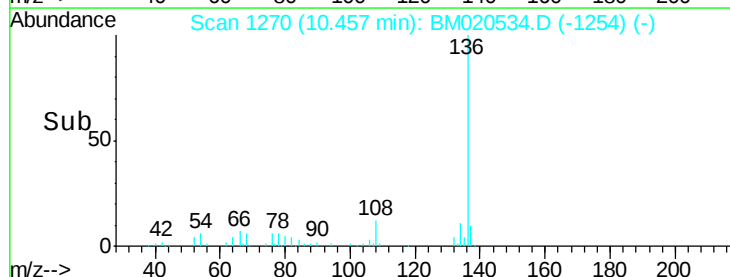
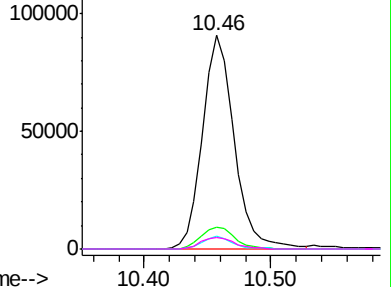


Abundance Ion 136.00 (135.70 to 136.70): BM020534.D (-1254) (-)

Ion 137.00 (136.70 to 137.70): BM020534.D (-1254) (-)

Ion 54.00 (53.70 to 54.70): BM020534.D (-1254) (-)

Ion 68.00 (67.70 to 68.70): BM020534.D (-1254) (-)

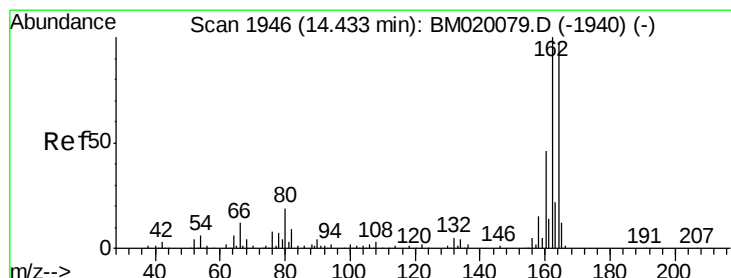
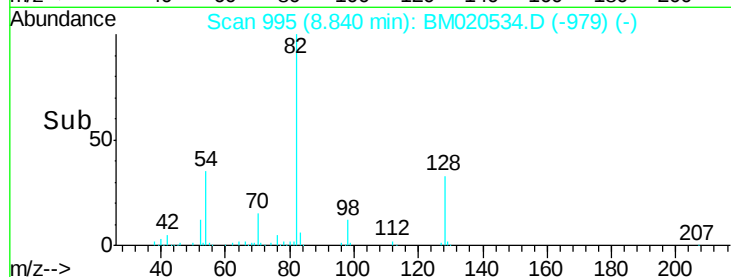
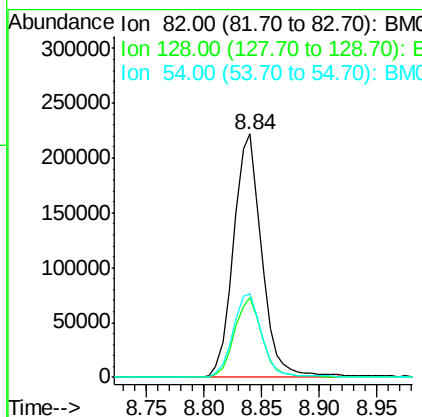
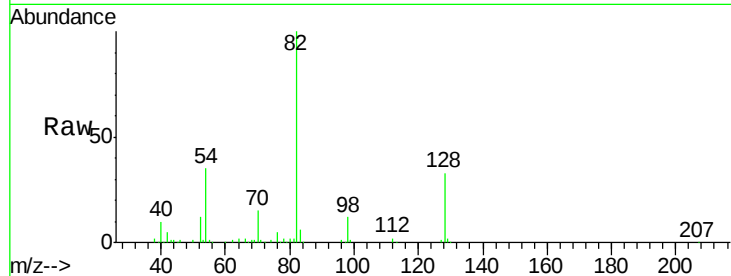




#23
 Nitrobenzene-d5
 Concen: 94.688 ng
 RT: 8.84 min Scan# 995
 Delta R.T. -0.01 min
 Lab File: BM020534.D
 Acq: 24 May 2019 02:11

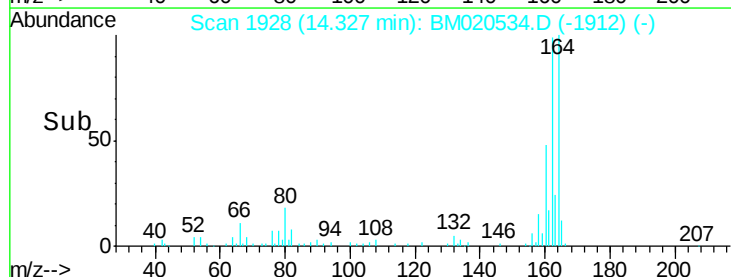
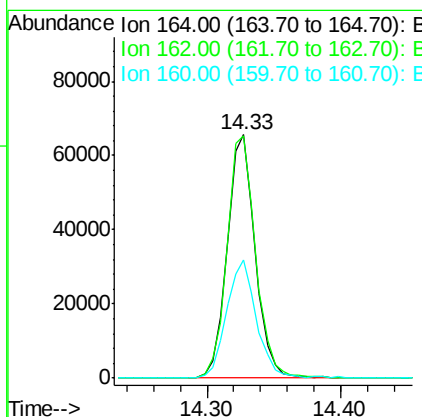
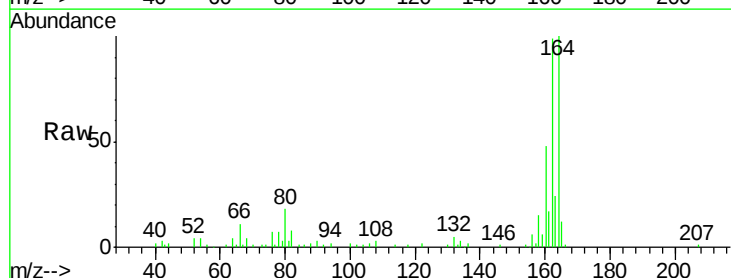
Instrument :
 BNA_M
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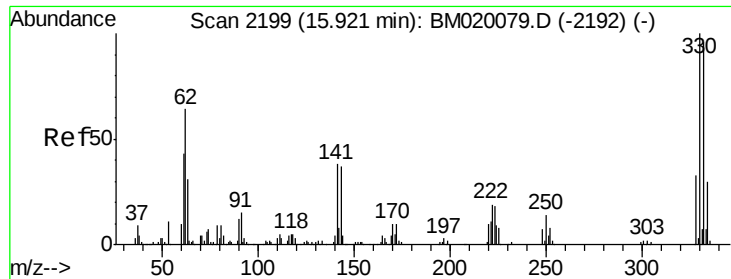
Tgt Ion	Ratio	Lower	Upper
82	100		
128	32.8	25.2	37.8
54	34.5	31.9	47.9



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.33 min Scan# 1928
 Delta R.T. -0.01 min
 Lab File: BM020534.D
 Acq: 24 May 2019 02:11

Tgt Ion	Ratio	Lower	Upper
164	100		
162	99.3	82.2	123.2
160	48.5	37.6	56.4

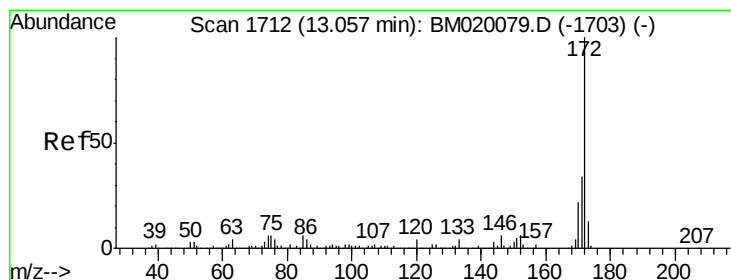
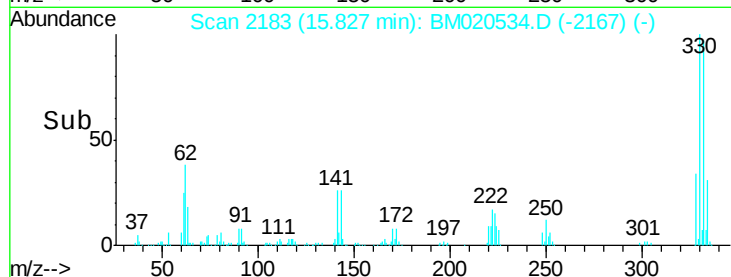
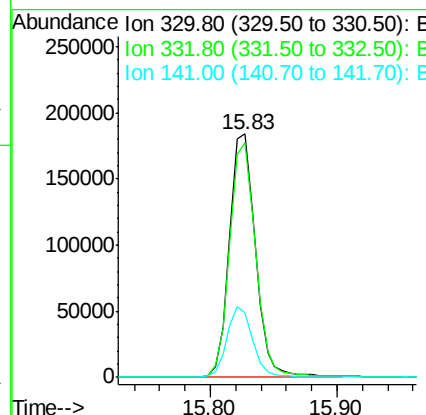
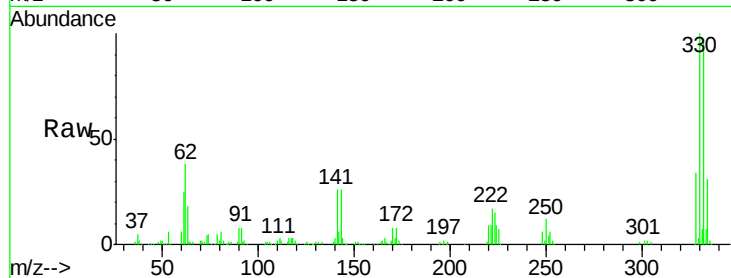




#42
 2,4,6-Tribromophenol
 Concen: 177.004 ng
 RT: 15.83 min Scan# 2183
 Delta R.T. -0.01 min
 Lab File: BM020534.D
 Acq: 24 May 2019 02:11

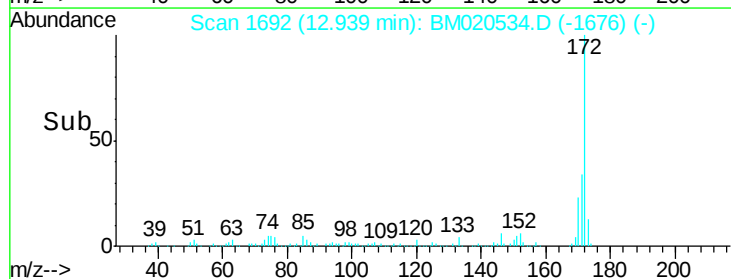
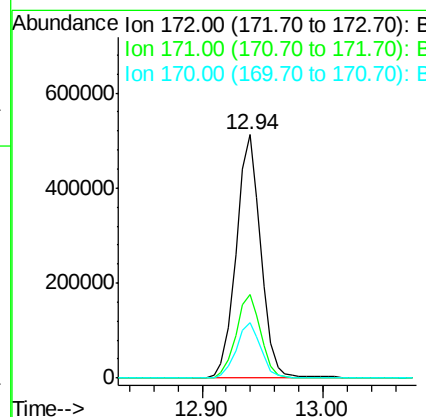
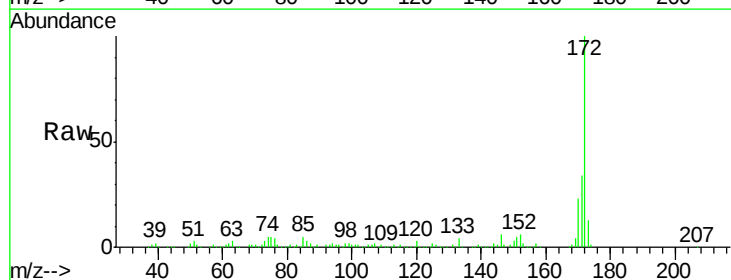
Instrument :
 BNA_M
 ClientSampleId :
 RO-SOIL

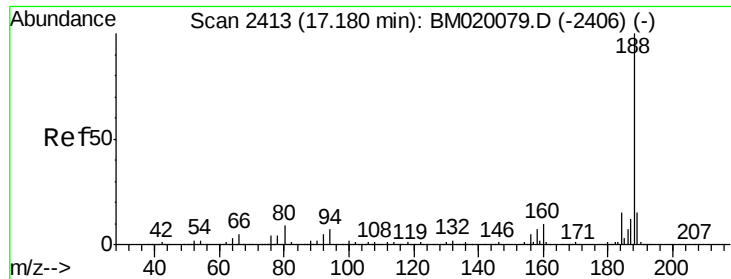
Tgt Ion:330 Resp: 263146
 Ion Ratio Lower Upper
 330 100
 332 96.5 76.8 115.2
 141 28.8 29.2 43.8#



#45
 2-Fluorobiphenyl
 Concen: 93.397 ng
 RT: 12.94 min Scan# 1692
 Delta R.T. -0.01 min
 Lab File: BM020534.D
 Acq: 24 May 2019 02:11

Tgt Ion:172 Resp: 727058
 Ion Ratio Lower Upper
 172 100
 171 34.1 27.3 40.9
 170 22.8 17.9 26.9

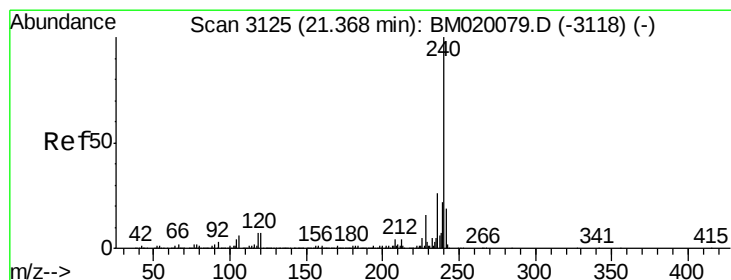
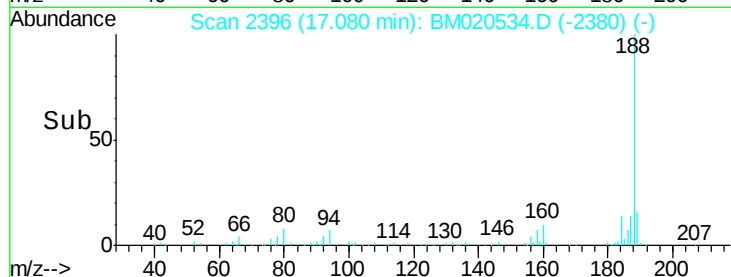
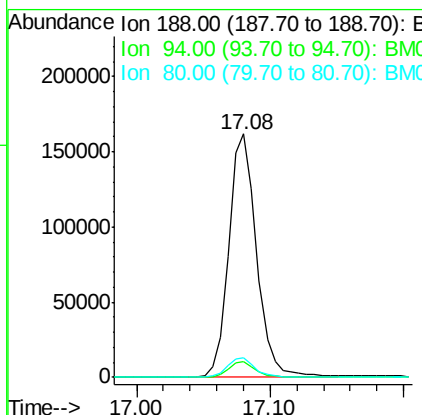
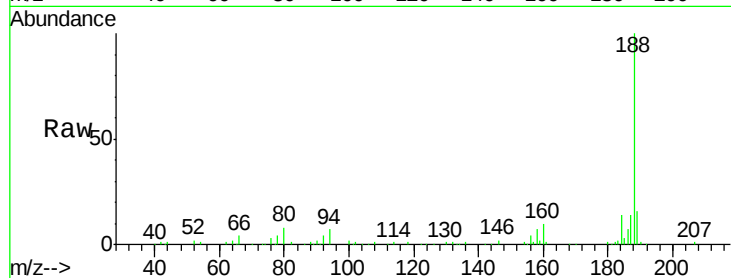




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.08 min Scan# 2396
Delta R.T. -0.01 min
Lab File: BM020534.D
Acq: 24 May 2019 02:11

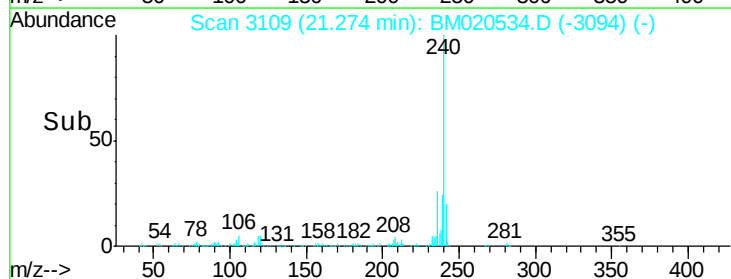
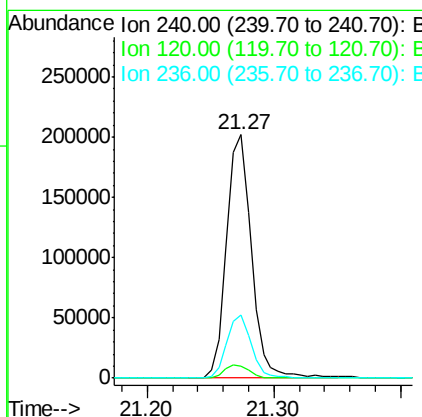
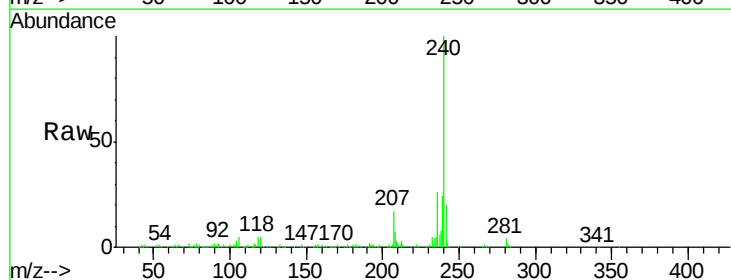
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BNA_M
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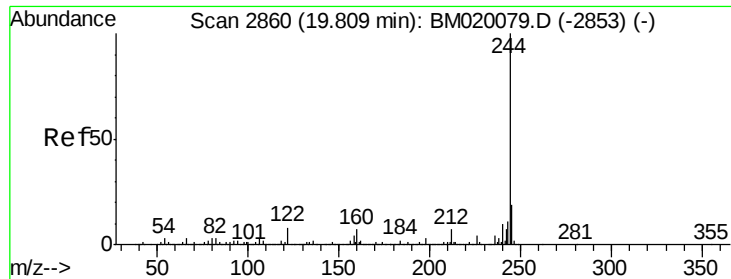
Tgt Ion:188 Resp: 236673
Ion Ratio Lower Upper
188 100
94 6.7 5.8 8.6
80 8.1 7.4 11.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.27 min Scan# 3109
Delta R.T. -0.01 min
Lab File: BM020534.D
Acq: 24 May 2019 02:11

Tgt Ion:240 Resp: 275282
Ion Ratio Lower Upper
240 100
120 5.0 5.6 8.4#
236 26.0 20.9 31.3

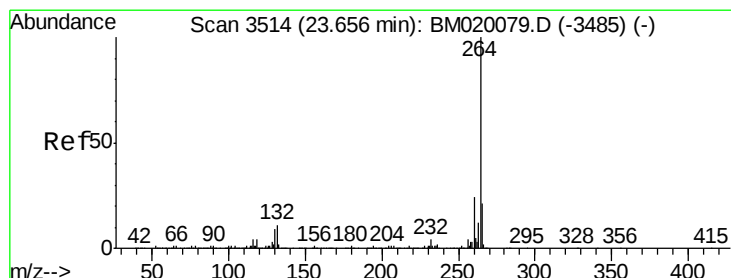
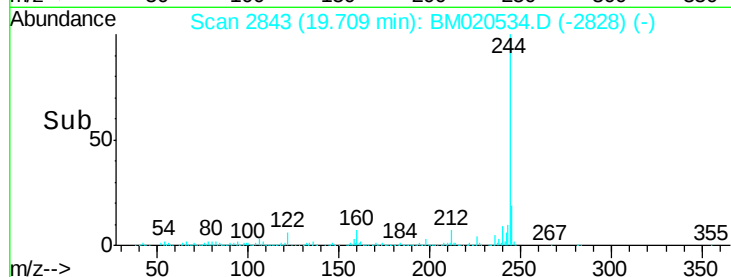
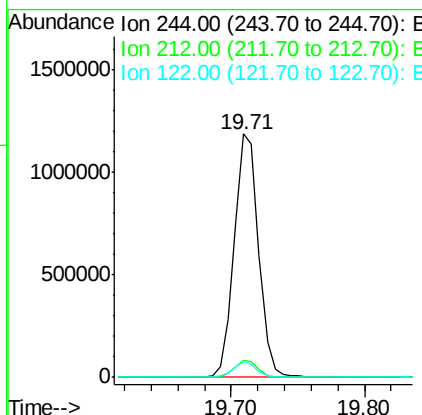
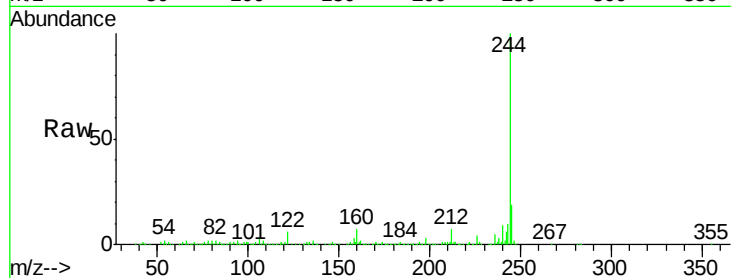




#79
 Terphenyl-d14
 Concen: 95.892 ng
 RT: 19.71 min Scan# 2843
 Delta R.T. -0.01 min
 Lab File: BM020534.D
 Acq: 24 May 2019 02:11

Instrument :
 BNA_M
 ClientSampleId :
 RO-SOIL

Tgt Ion:244 Resp: 1513416
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.7 8.5
 122 6.5 6.2 9.2



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.52 min Scan# 3490
 Delta R.T. -0.02 min
 Lab File: BM020534.D
 Acq: 24 May 2019 02:11

Tgt Ion:264 Resp: 340478
 Ion Ratio Lower Upper
 264 100
 260 22.4 19.2 28.8
 265 22.4 16.9 25.3

