

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM051219\
 Data File : BM020296.D
 Acq On : 12 May 2019 13:44
 Operator : JU/SJ
 Sample : K2766-04
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 P026-SS006-1824-01

Quant Time: May 13 05:22:07 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

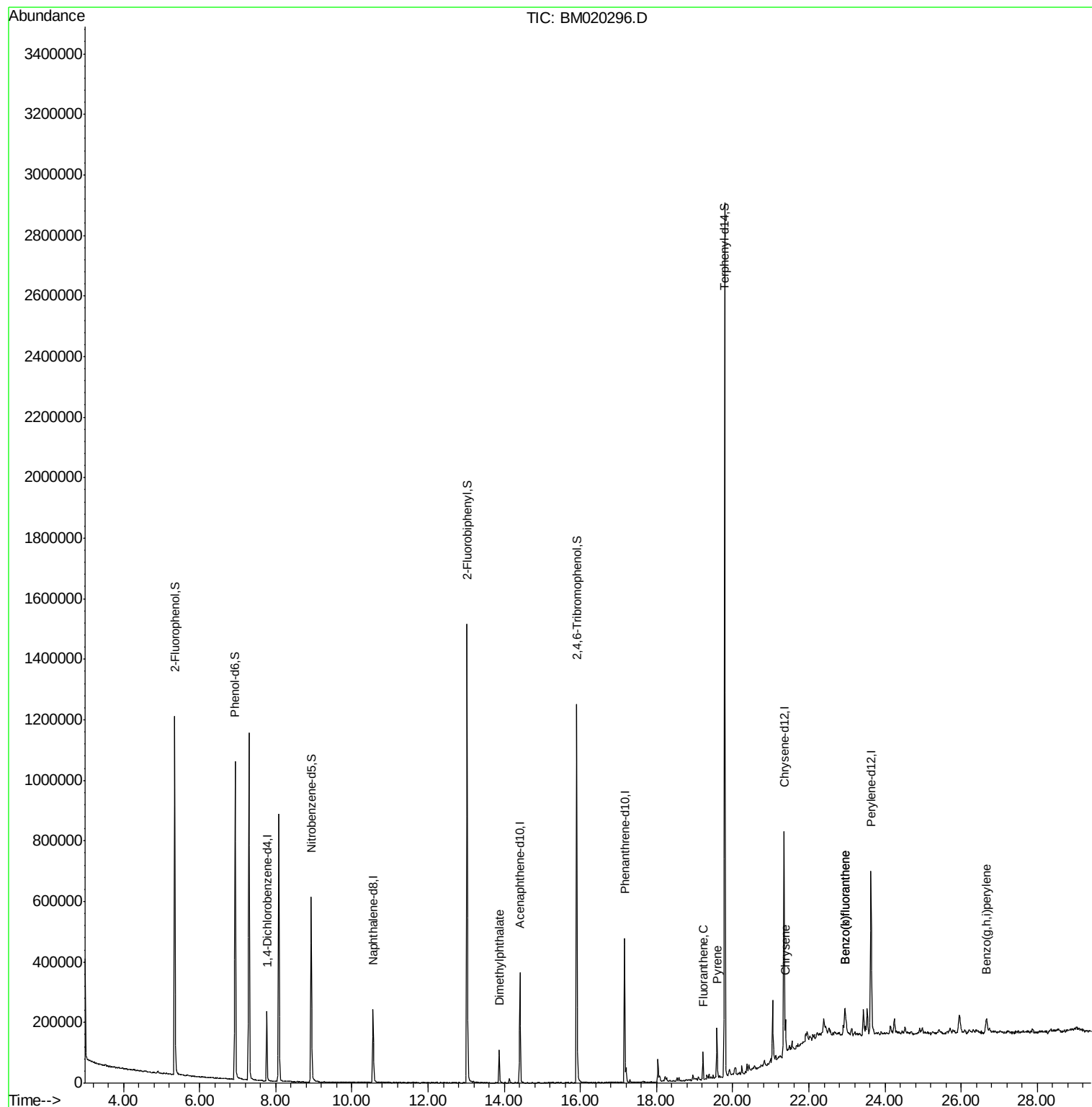
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	60352	20.00	ng	-0.03
21) Naphthalene-d8	10.56	136	200996	20.00	ng	-0.03
39) Acenaphthene-d10	14.41	164	119974	20.00	ng	-0.02
64) Phenanthrene-d10	17.16	188	293107	20.00	ng	-0.02
76) Chrysene-d12	21.35	240	324590	20.00	ng	-0.02
87) Perylene-d12	23.63	264	403320	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	462689	125.32	ng	-0.02
7) Phenol-d6	6.93	99	610022	120.94	ng	-0.02
23) Nitrobenzene-d5	8.93	82	413575	81.24	ng	-0.03
42) 2,4,6-Tribromophenol	15.90	330	242033	129.97	ng	-0.02
45) 2-Fluorobiphenyl	13.03	172	767320	78.69	ng	-0.03
79) Terphenyl-d14	19.79	244	1319741	70.92	ng	-0.02
Target Compounds						
50) Dimethylphthalate	13.87	163	67056	6.576	ng	98
75) Fluoranthene	19.22	202	54689	2.671	ng	100
78) Pyrene	19.59	202	104881	4.813	ng	99
83) Chrysene	21.39	228	64617	2.927	ng	96
88) Benzo(b)fluoranthene	22.94	252	102583	3.852	ng	# 98
89) Benzo(k)fluoranthene	22.94	252	100648	4.143	ng	# 97
92) Benzo(g,h,i)perylene	26.66	276	59933	2.509	ng	98

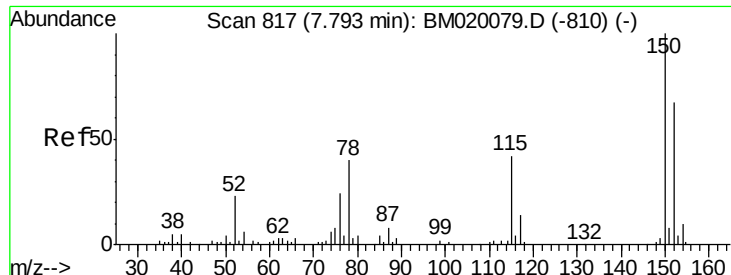
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM051219\
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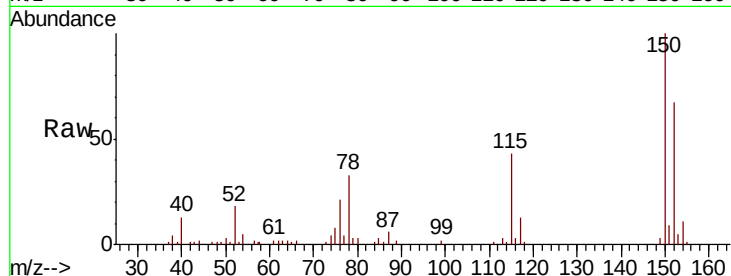




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.76 min Scan# 812
 Delta R.T. -0.03 min
 Lab File: BM020296.D
 Acq: 12 May 2019 13:44

Instrument :
 BNA_M
 ClientSampleId :
 P026-SS006-1824-01

Tgt Ion	Ratio	Lower	Upper
152	100		
150	148.3	119.8	179.8
115	63.2	50.8	76.2

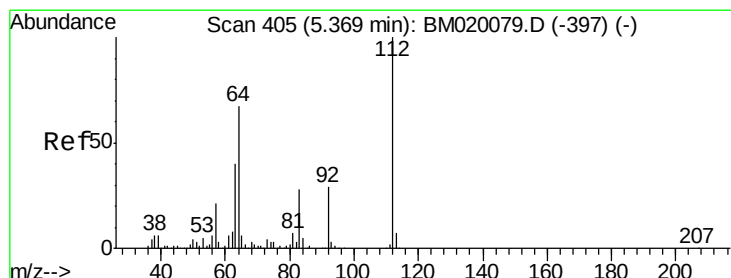
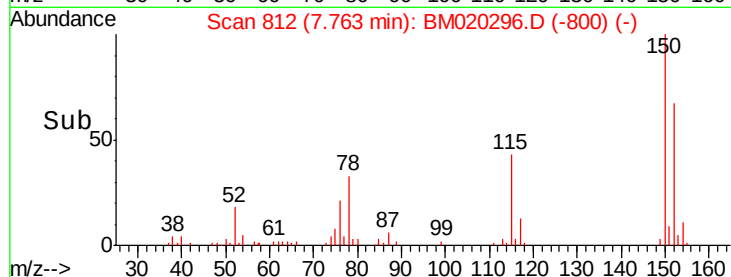
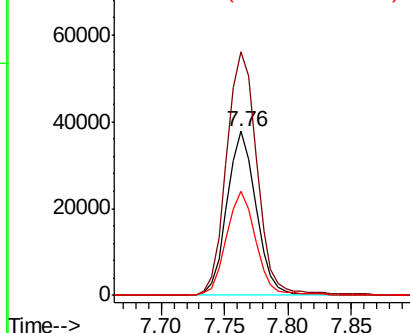


Abundance

Ion 152.00 (151.70 to 152.70): E

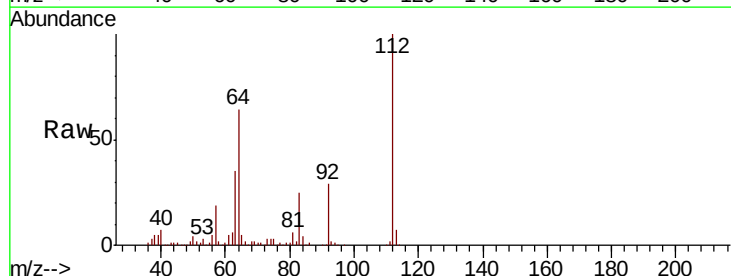
Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#5
 2-Fluorophenol
 Concen: 125.316 ng
 RT: 5.35 min Scan# 401
 Delta R.T. -0.02 min
 Lab File: BM020296.D
 Acq: 12 May 2019 13:44

Tgt Ion	Ratio	Lower	Upper
112	100		
64	64.1	53.8	80.6
63	35.2	32.3	48.5

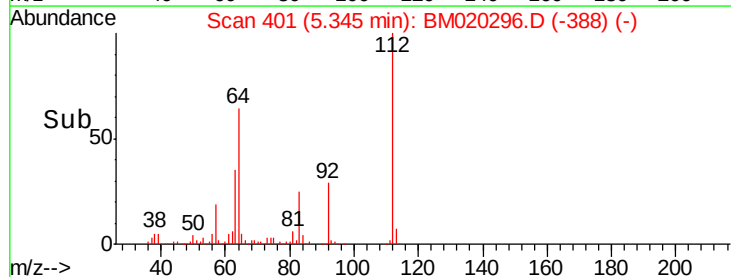
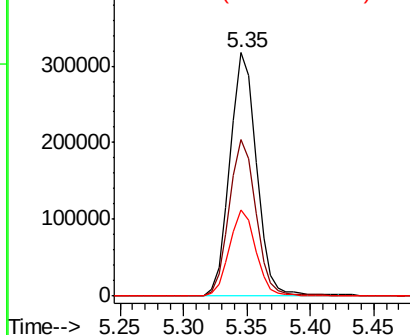


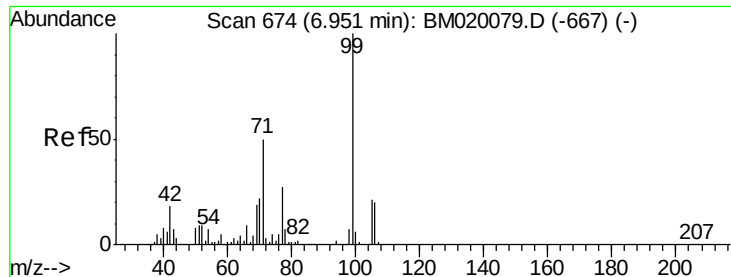
Abundance

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: 120.939 ng

RT: 6.93 min Scan# 671

Delta R.T. -0.02 min

Lab File: BM020296.D

Acq: 12 May 2019 13:44

Instrument :

BNA_M

ClientSampleId :

P026-SS006-1824-01

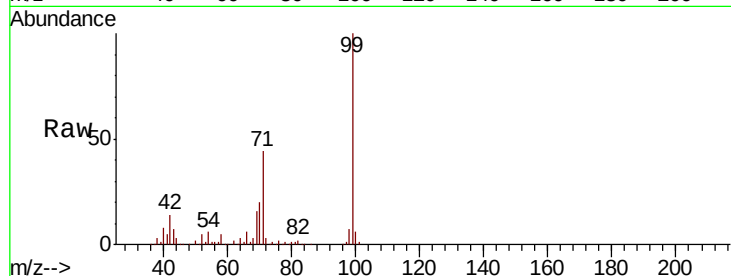
Tgt Ion: 99 Resp: 610022

Ion Ratio Lower Upper

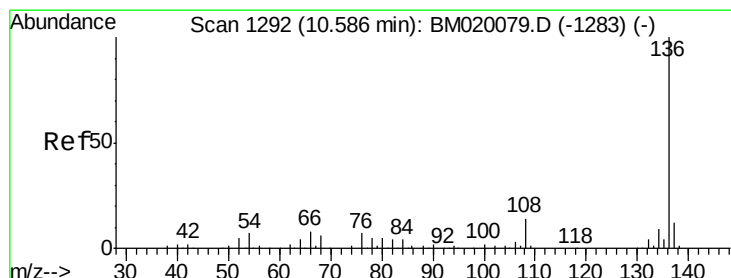
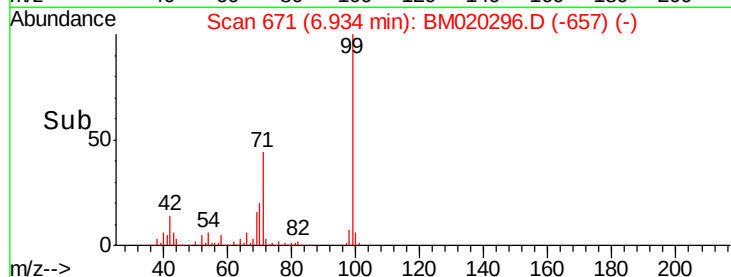
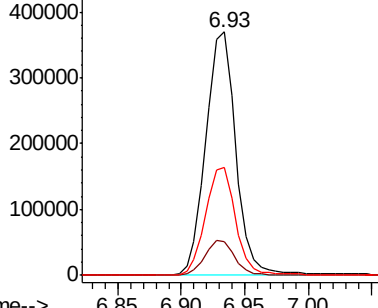
99 100

42 14.1 14.2 21.2#

71 44.2 40.3 60.5



Abundance Ion 99.00 (98.70 to 99.70): BM0
Ion 42.00 (41.70 to 42.70): BM0
Ion 71.00 (70.70 to 71.70): BM0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.56 min Scan# 1287

Delta R.T. -0.03 min

Lab File: BM020296.D

Acq: 12 May 2019 13:44

Tgt Ion: 136 Resp: 200996

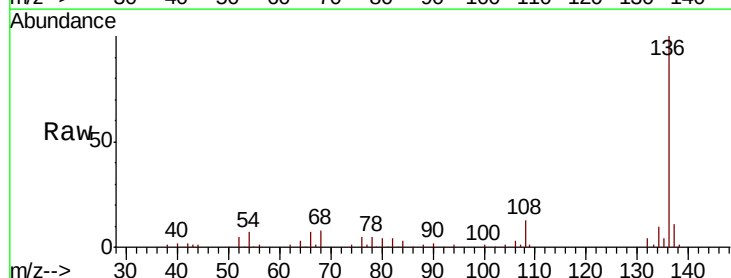
Ion Ratio Lower Upper

136 100

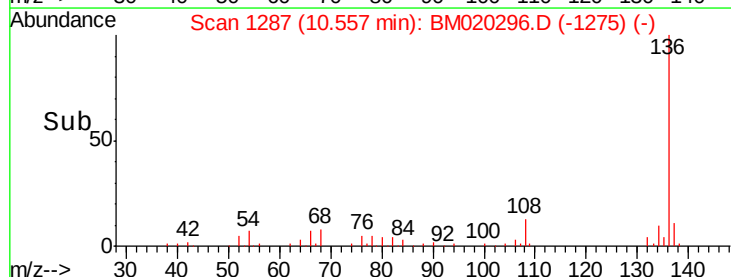
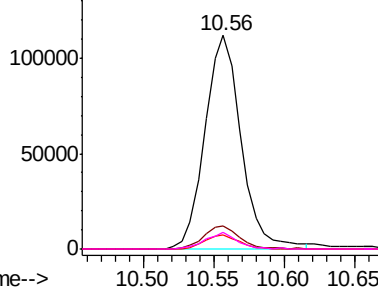
137 11.0 9.6 14.4

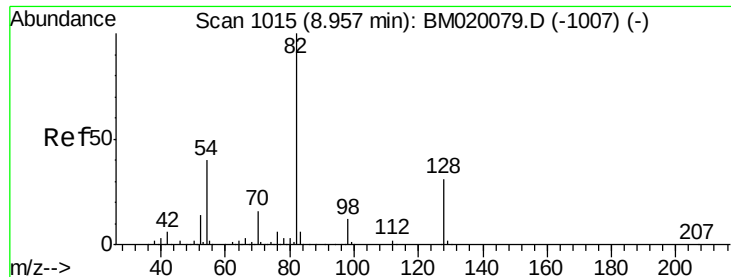
54 6.6 5.5 8.3

68 7.7 4.6 6.8#



Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BM0
Ion 68.00 (67.70 to 68.70): BM0

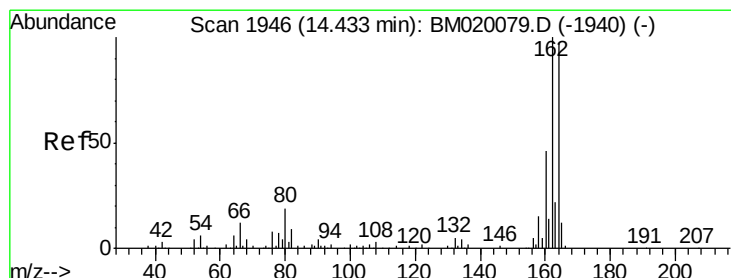
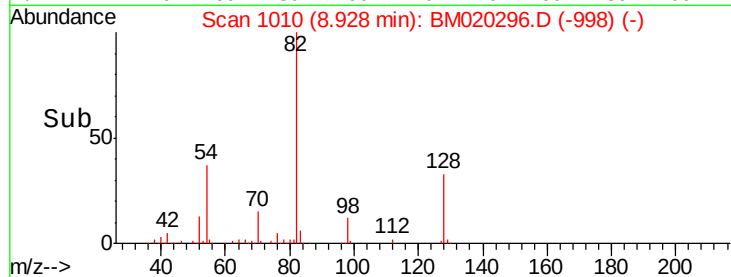
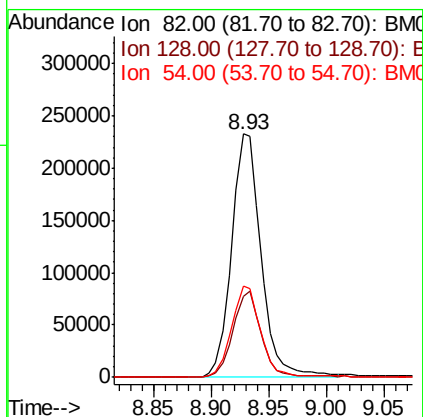
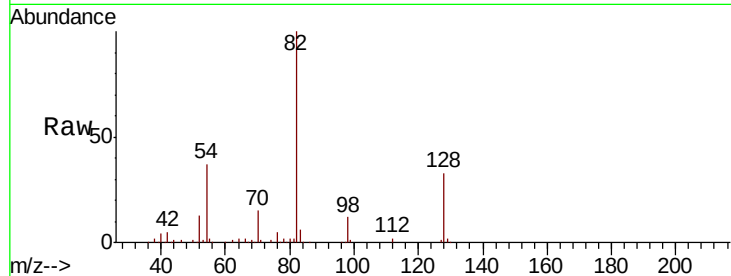




#23
 Nitrobenzene-d5
 Concen: 81.235 ng
 RT: 8.93 min Scan# 1010
 Delta R.T. -0.03 min
 Lab File: BM020296.D
 Acq: 12 May 2019 13:44

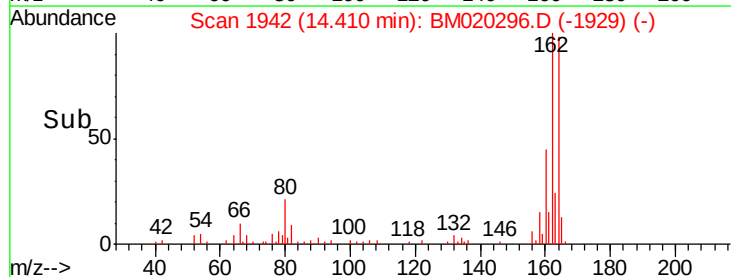
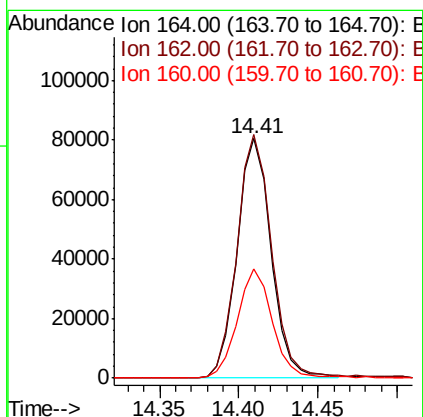
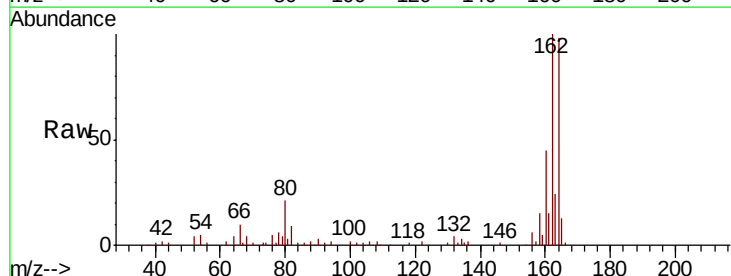
Instrument :
 BNA_M
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 P026-SS006-1824-01

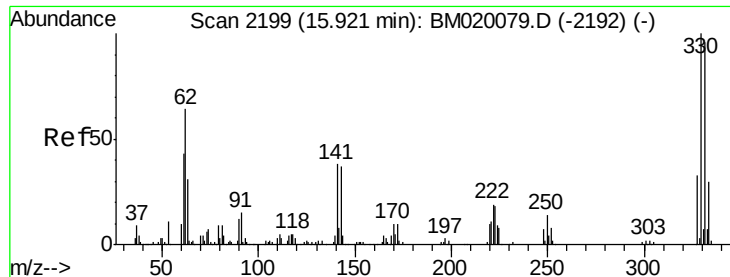
Tgt Ion	Ratio	Lower	Upper
82	100		
128	33.5	25.2	37.8
54	37.4	31.9	47.9



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.41 min Scan# 1942
 Delta R.T. -0.02 min
 Lab File: BM020296.D
 Acq: 12 May 2019 13:44

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.7	82.2	123.2
160	45.6	37.6	56.4

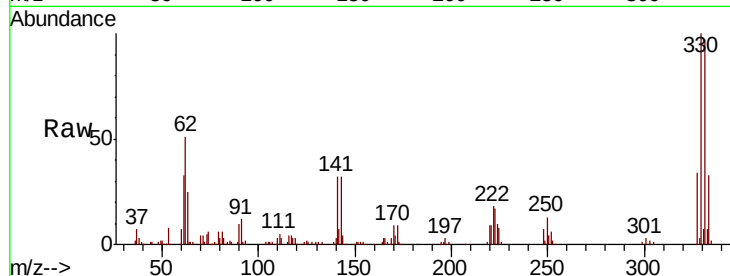




#42
 2,4,6-Tribromophenol
 Concen: 129.970 ng
 RT: 15.90 min Scan# 2196
 Delta R.T. -0.02 min
 Lab File: BM020296.D
 Acq: 12 May 2019 13:44

Instrument :
 BNA_M
 ClientSampleId :
 P026-SS006-1824-01

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.8	76.8	115.2
141	32.7	29.2	43.8

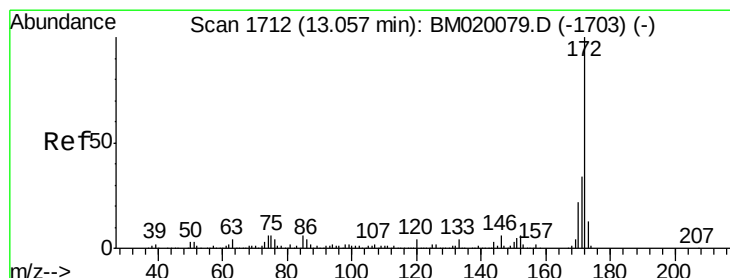
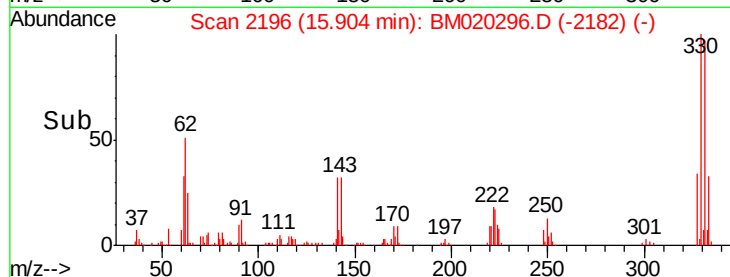
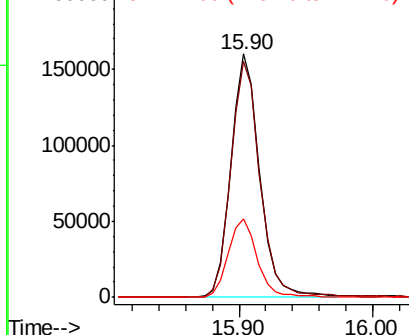


Abundance

Ion 329.80 (329.50 to 330.50): E

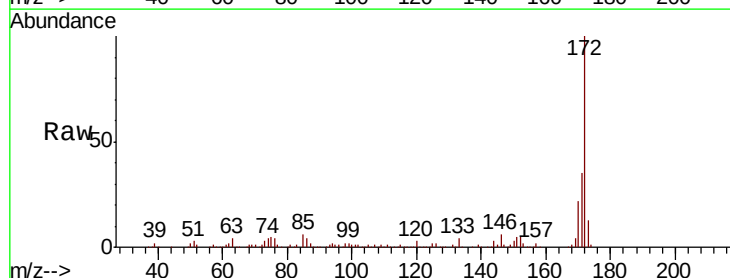
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 78.691 ng
 RT: 13.03 min Scan# 1707
 Delta R.T. -0.03 min
 Lab File: BM020296.D
 Acq: 12 May 2019 13:44

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.3	27.3	40.9
170	22.4	17.9	26.9

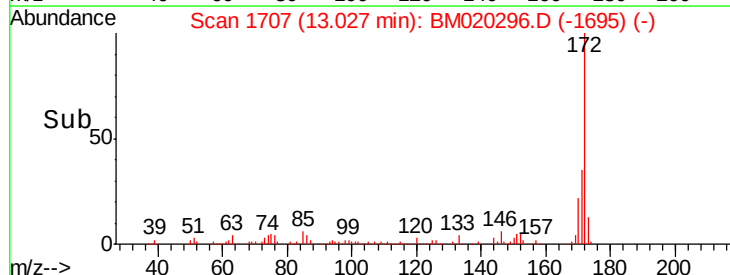
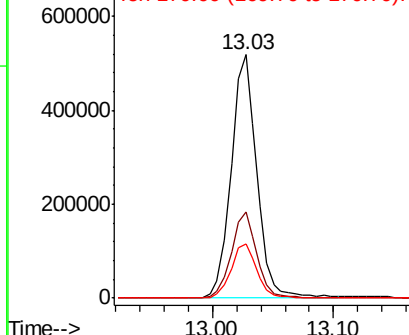


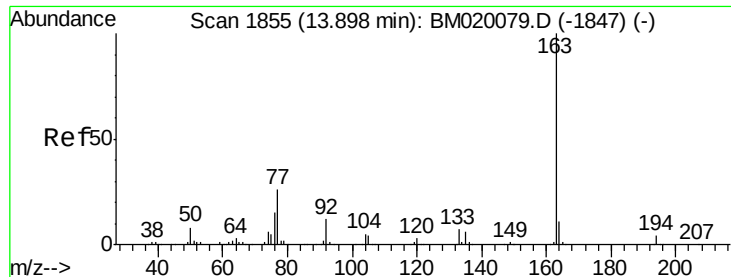
Abundance

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: 6.576 ng

RT: 13.87 min Scan# 1850

Delta R.T. -0.03 min

Lab File: BM020296.D

Acq: 12 May 2019 13:44

Instrument :

BNA_M

ClientSampleId :

P026-SS006-1824-01

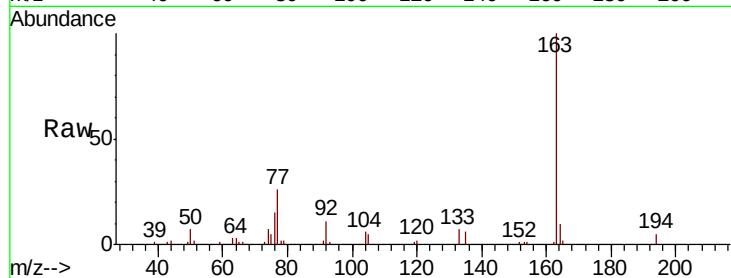
Tgt Ion:163 Resp: 67056

Ion Ratio Lower Upper

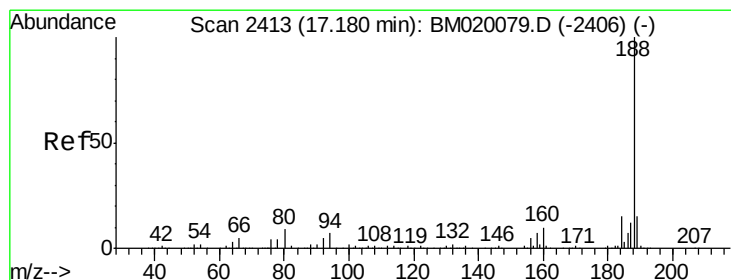
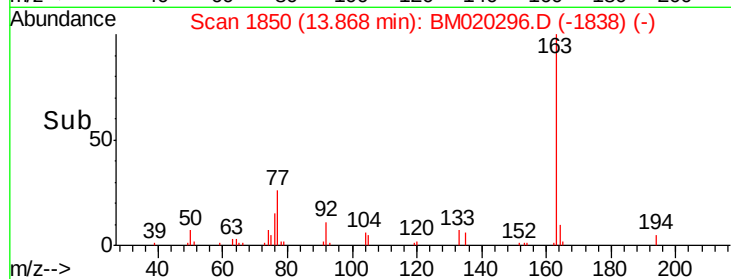
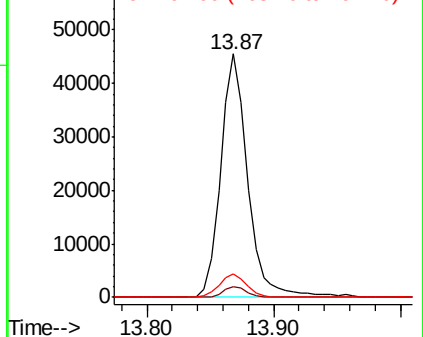
163 100

194 4.6 3.6 5.4

164 9.5 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# 2410

Delta R.T. -0.02 min

Lab File: BM020296.D

Acq: 12 May 2019 13:44

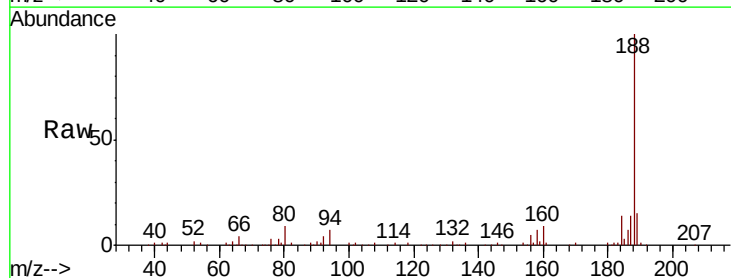
Tgt Ion:188 Resp: 293107

Ion Ratio Lower Upper

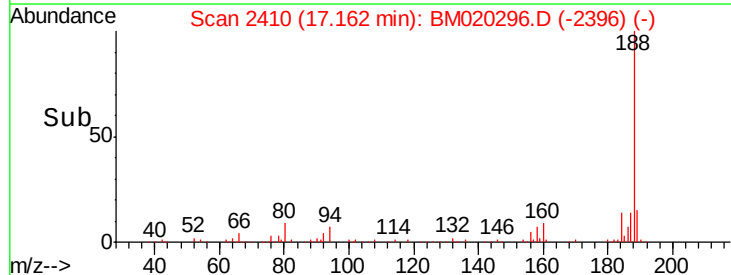
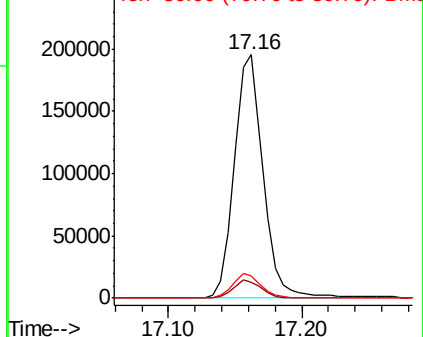
188 100

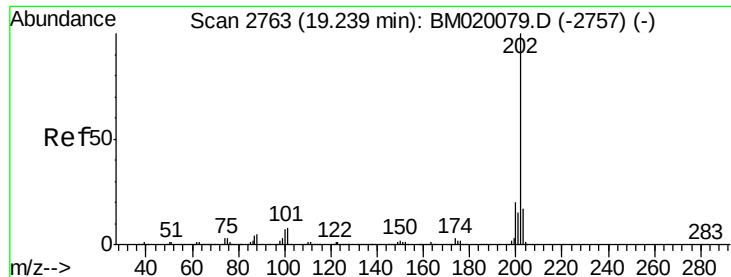
94 6.7 5.8 8.6

80 9.2 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





#75

Fluoranthene

Concen: 2.671 ng

RT: 19.22 min Scan# 2760

Delta R.T. -0.02 min

Lab File: BM020296.D

Acq: 12 May 2019 13:44

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ClientSampleId :

P026-SS006-1824-01

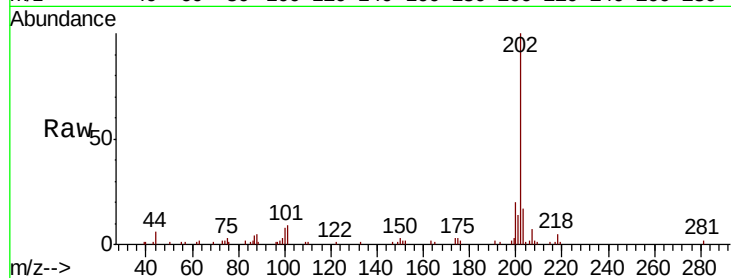
Tgt Ion:202 Resp: 54689

Ion Ratio Lower Upper

202 100

101 8.6 0.0 28.4

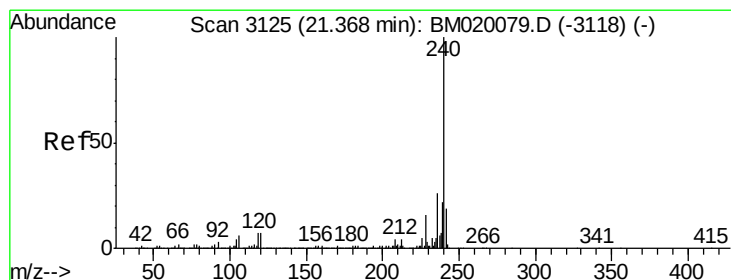
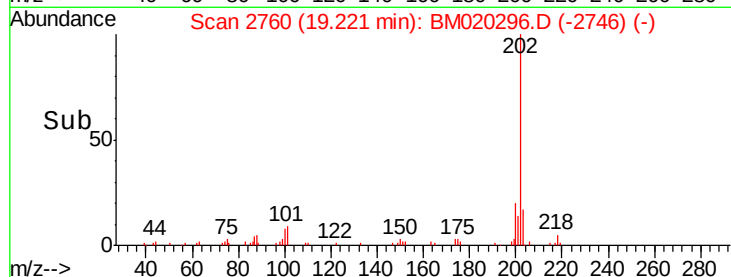
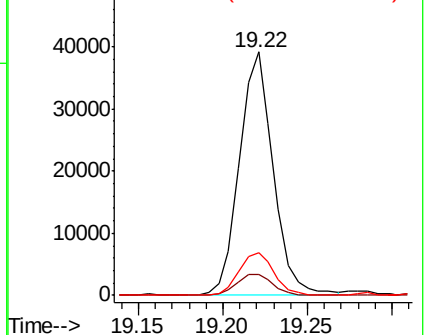
203 17.5 0.0 37.4



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.35 min Scan# 3122

Delta R.T. -0.02 min

Lab File: BM020296.D

Acq: 12 May 2019 13:44

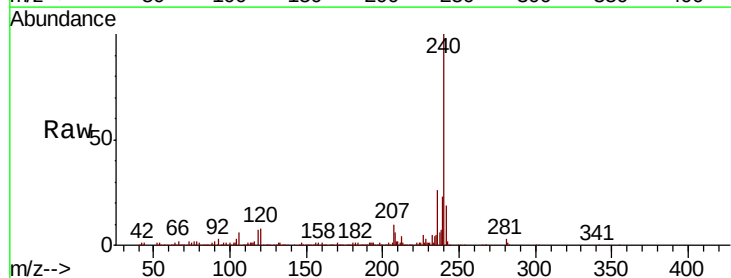
Tgt Ion:240 Resp: 324590

Ion Ratio Lower Upper

240 100

120 7.6 5.6 8.4

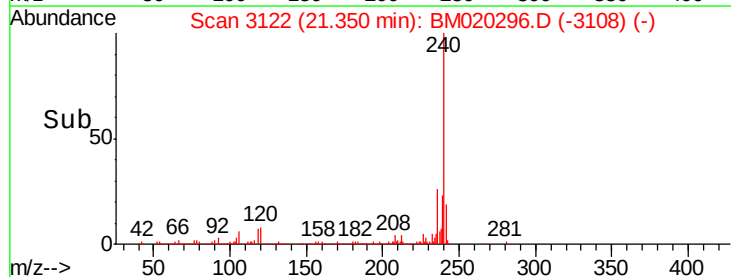
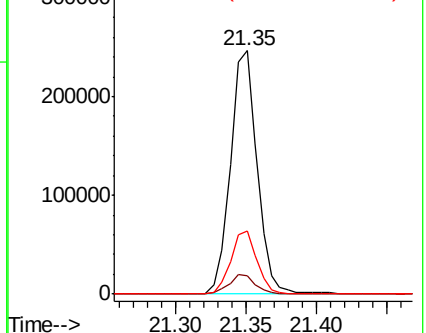
236 25.7 20.9 31.3

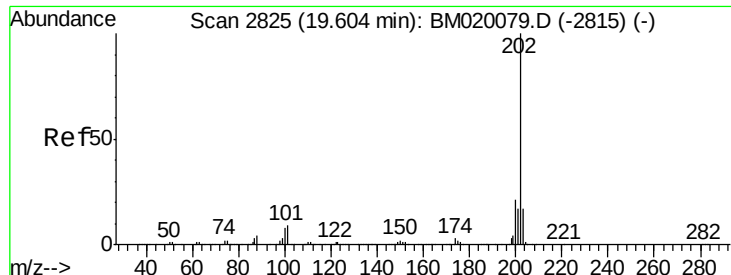


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

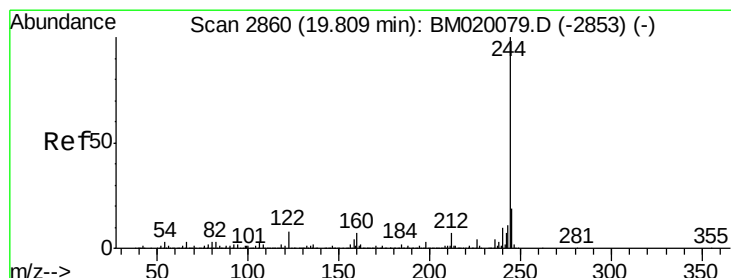
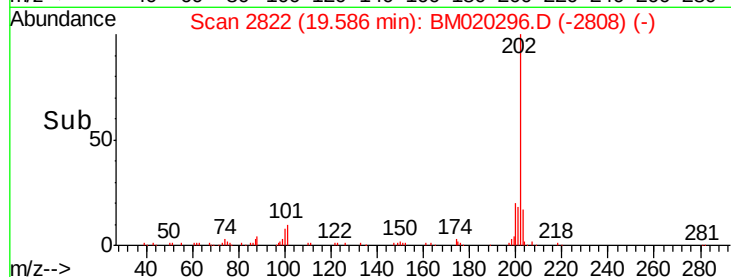
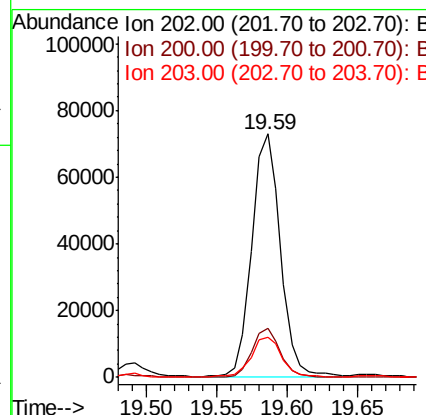
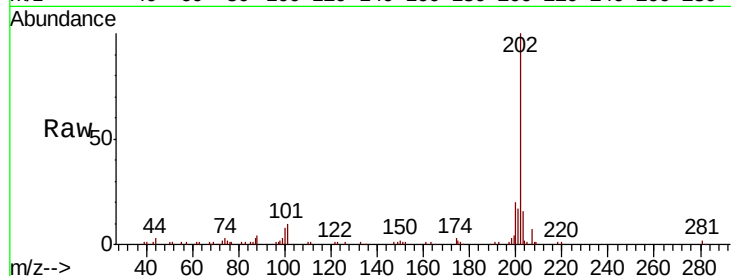




#78
Pyrene
Concen: 4.813 ng
RT: 19.59 min Scan# 2822
Delta R.T. -0.02 min
Lab File: BM020296.D
Acq: 12 May 2019 13:44

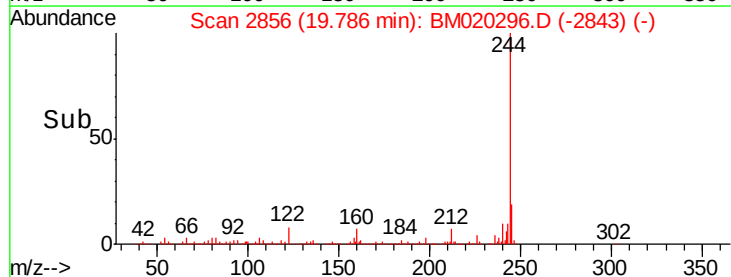
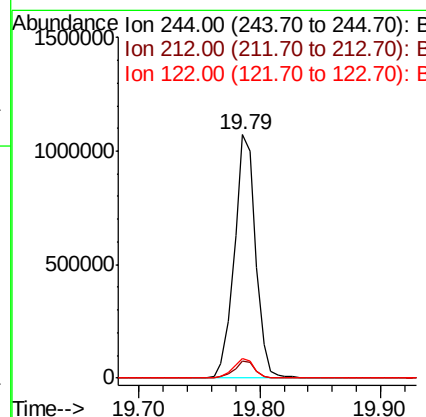
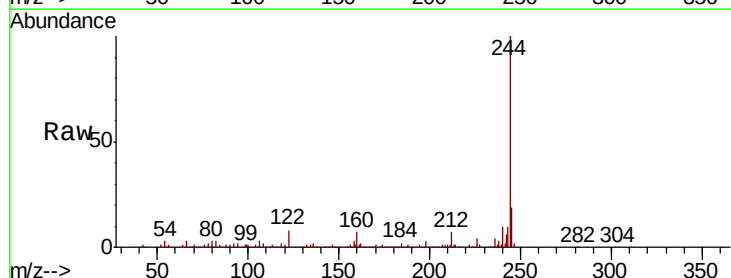
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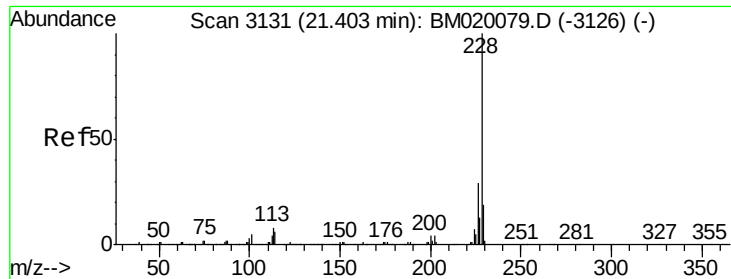
Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.3	16.5	24.7
203	16.4	13.9	20.9



#79
Terphenyl-d14
Concen: 70.918 ng
RT: 19.79 min Scan# 2856
Delta R.T. -0.02 min
Lab File: BM020296.D
Acq: 12 May 2019 13:44

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.7	8.5
122	8.0	6.2	9.2





#83

Chrysene

Concen: 2.927 ng

RT: 21.39 min Scan# 3128

Delta R.T. -0.02 min

Lab File: BM020296.D

Acq: 12 May 2019 13:44

Instrument :

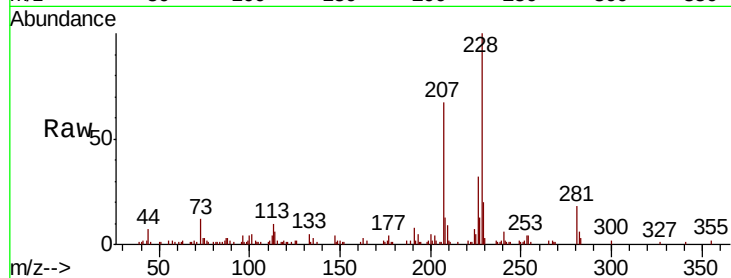
BNA_M

ClientSampleId :

P026-SS006-1824-01

Tgt Ion: 228 Resp: 64617

Ion	Ratio	Lower	Upper
228	100		
226	32.0	23.0	34.6
229	19.8	15.5	23.3



Abundance

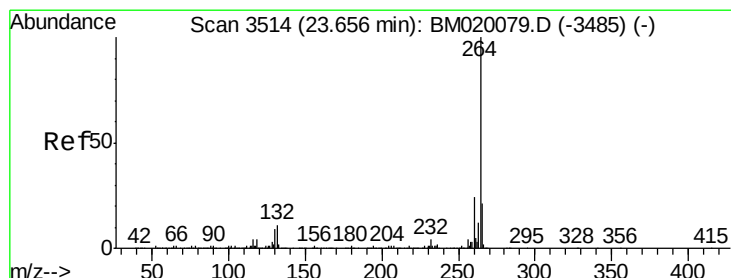
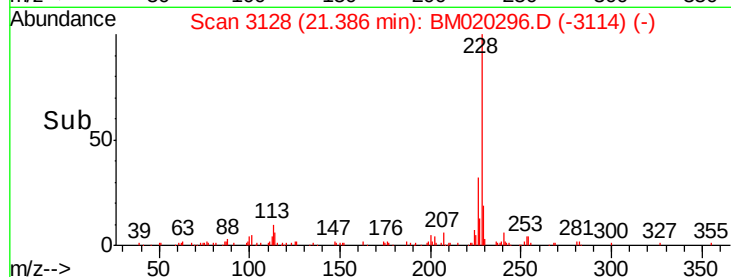
Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

21.39

Time--> 21.30 21.35 21.40 21.45



#87

Perylene-d12

Concen: 20.000 ng

RT: 23.63 min Scan# 3510

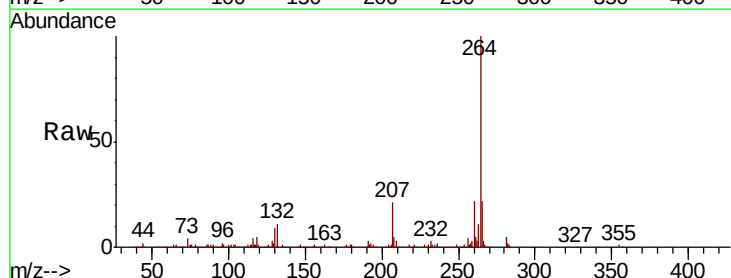
Delta R.T. -0.02 min

Lab File: BM020296.D

Acq: 12 May 2019 13:44

Tgt Ion: 264 Resp: 403320

Ion	Ratio	Lower	Upper
264	100		
260	22.2	19.2	28.8
265	21.8	16.9	25.3



Abundance

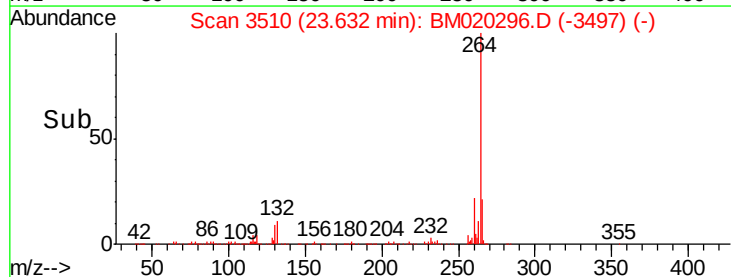
Ion 264.00 (263.70 to 264.70): E

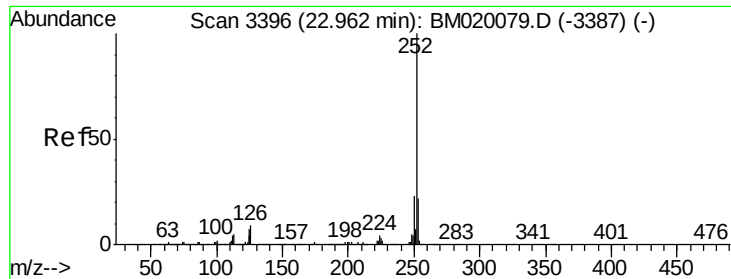
Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

23.63

Time--> 23.60 23.70





#88

Benzo(b)fluoranthene

Concen: 3.852 ng

RT: 22.94 min Scan# 3393

Delta R.T. -0.02 min

Lab File: BM020296.D

Acq: 12 May 2019 13:44

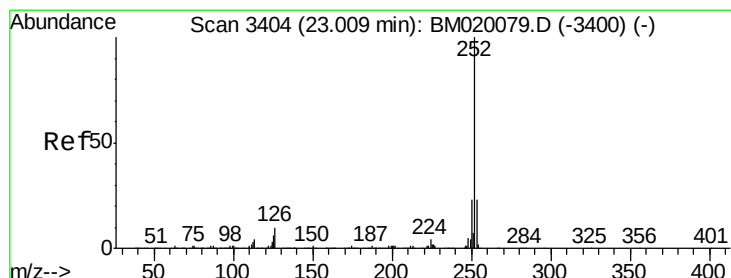
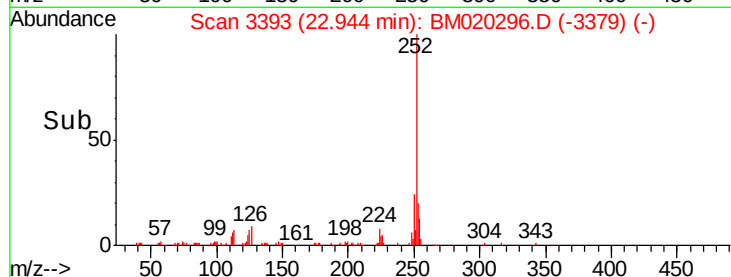
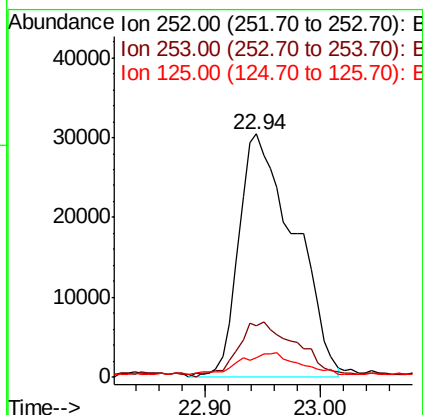
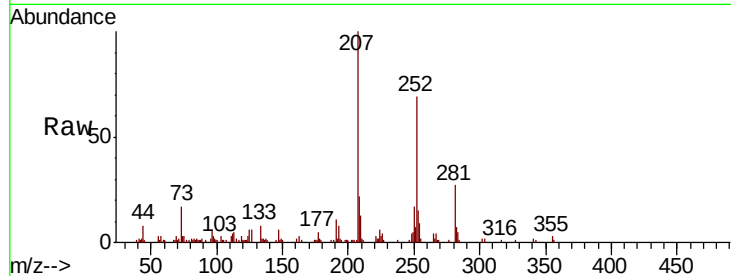
Instrument :

BNA_M

ClientSampleId :

P026-SS006-1824-01

Tgt Ion:	252	Resp:	102583
Ion Ratio	Lower	Upper	
252	100		
253	21.3	17.5	26.3
125	8.3	5.4	8.2#



#89

Benzo(k)fluoranthene

Concen: 4.143 ng

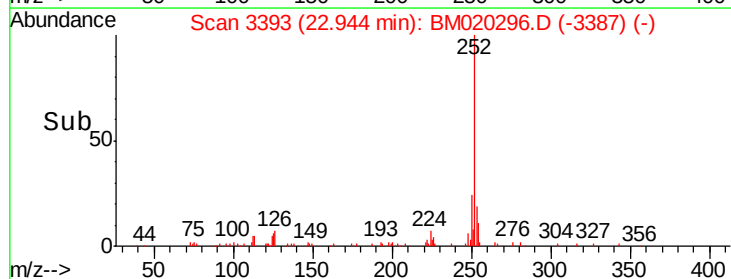
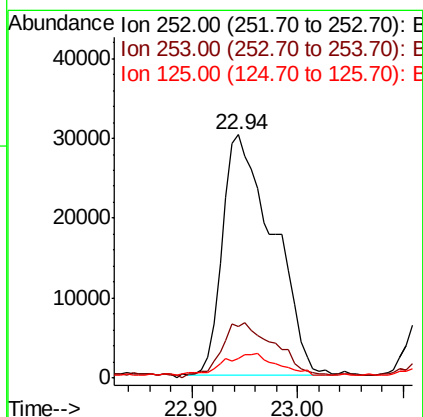
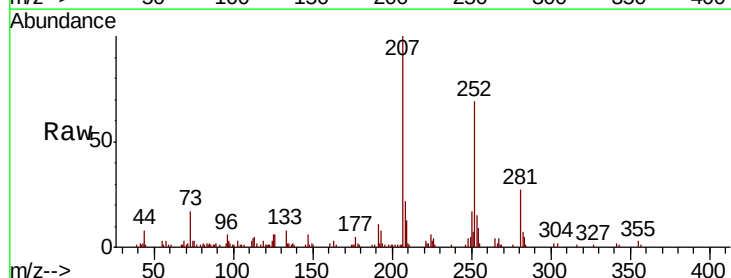
RT: 22.94 min Scan# 3393

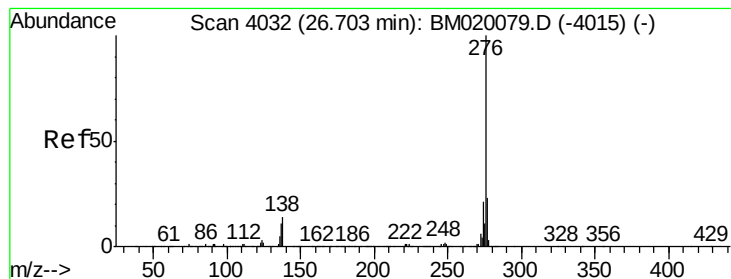
Delta R.T. -0.06 min

Lab File: BM020296.D

Acq: 12 May 2019 13:44

Tgt Ion:	252	Resp:	100648
Ion Ratio	Lower	Upper	
252	100		
253	21.3	17.8	26.8
125	8.3	5.4	8.0#





#92

Benzo(g,h,i)perylene

Concen: 2.509 ng

RT: 26.66 min Scan# 4025

Delta R.T. -0.04 min

Lab File: BM020296.D

Acq: 12 May 2019 13:44

Instrument :

BNA_M

ClientSampleId :

P026-SS006-1824-01

Tgt Ion: 276 Resp: 59933

Ion Ratio Lower Upper

276 100

277 22.3 18.4 27.6

138 13.0 11.1 16.7

