

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM090119\
 Data File : BM022487.D
 Acq On : 01 Sep 2019 21:16
 Operator : HP/JU
 Sample : K4555-14
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Sep 02 03:49:02 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM082919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 02 03:43:48 2019
 Response via : Initial Calibration

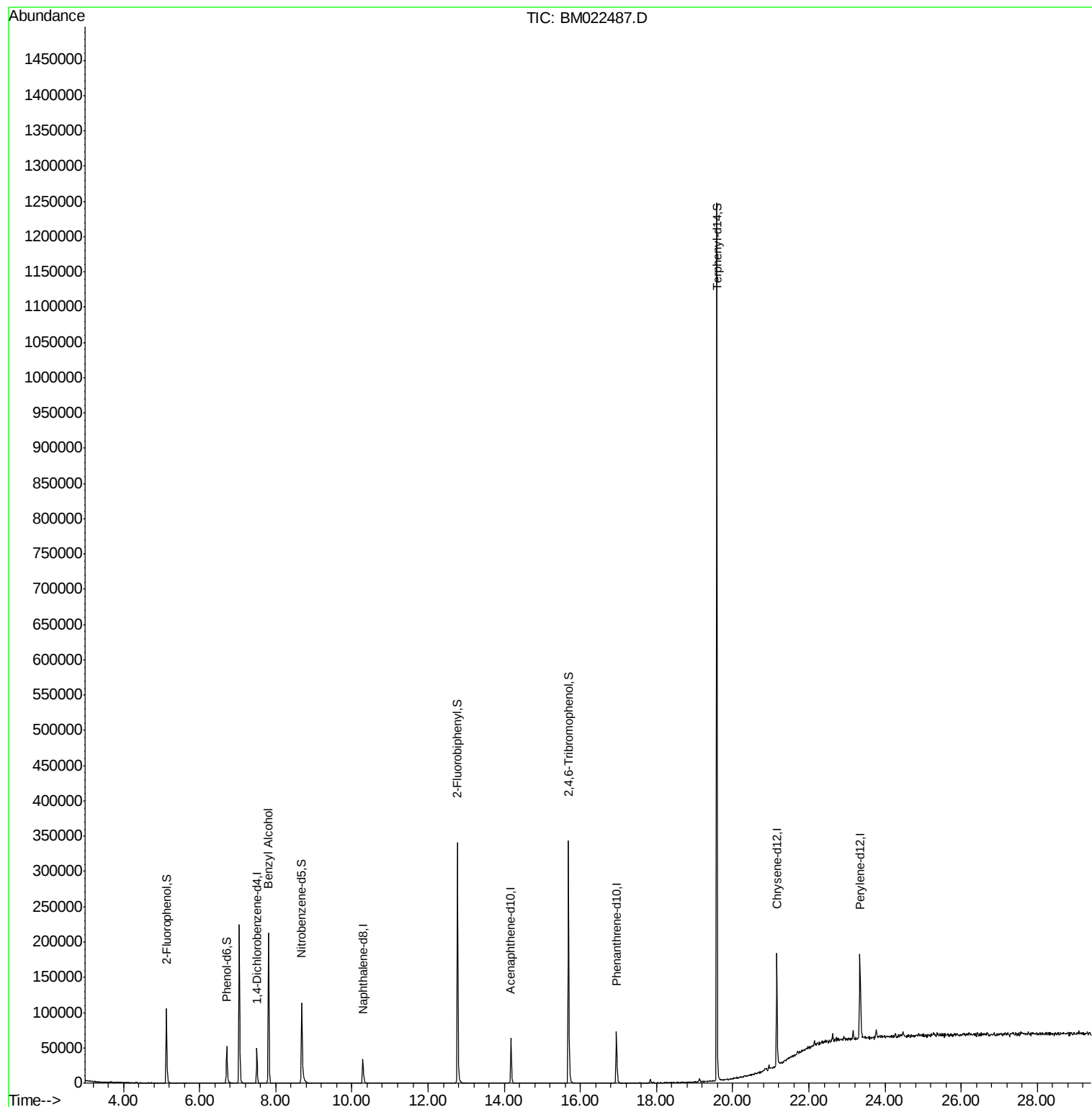
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.50	152	10505	20.00	ng	-0.02
21) Naphthalene-d8	10.29	136	35646	20.00	ng	-0.01
39) Acenaphthene-d10	14.17	164	23706	20.00	ng	-0.01
64) Phenanthrene-d10	16.94	188	54625	20.00	ng	0.00
76) Chrysene-d12	21.16	240	82344	20.00	ng	-0.02
87) Perylene-d12	23.34	264	103583	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.13	112	39249	65.58	ng	-0.02
7) Phenol-d6	6.71	99	29238	36.53	ng	-0.01
23) Nitrobenzene-d5	8.68	82	77148	94.80	ng	-0.02
42) 2,4,6-Tribromophenol	15.69	330	57089	117.69	ng	-0.01
45) 2-Fluorobiphenyl	12.77	172	171661	82.03	ng	-0.02
79) Terphenyl-d14	19.58	244	498869	79.96	ng	-0.02
Target Compounds						
15) Benzyl Alcohol	7.81	79	1658	2.184	ng	Qvalue # 29

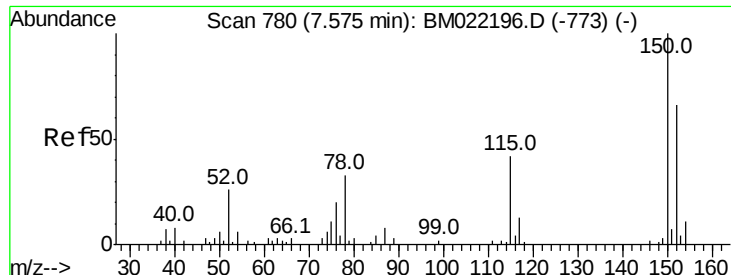
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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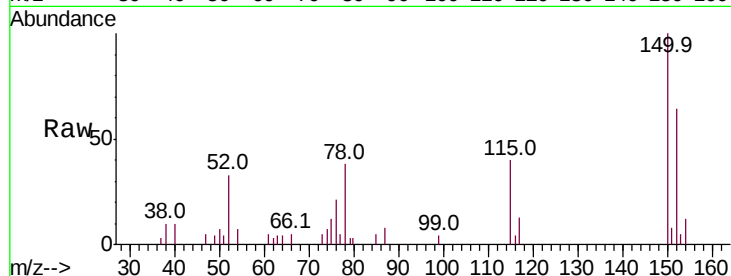


#1

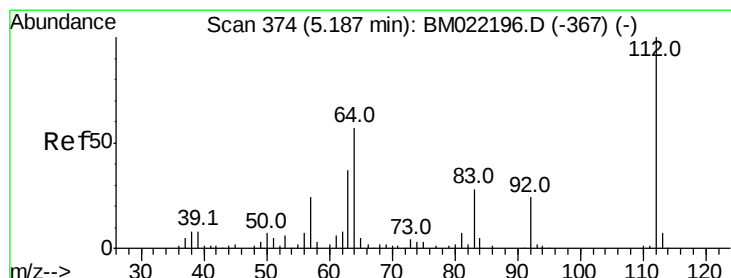
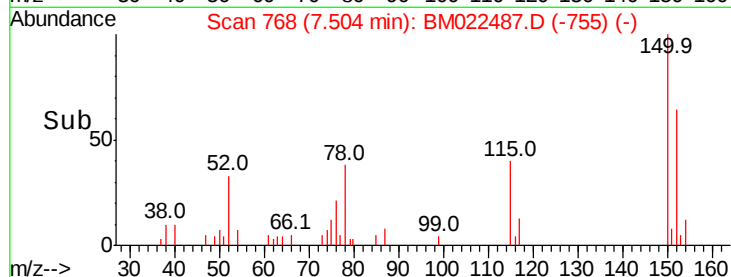
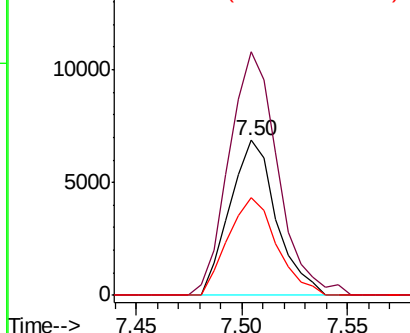
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.50 min Scan# 768
 Delta R.T. -0.02 min
 Lab File: BM022487.D
 Acq: 01 Sep 2019 21:16

Instrument :
 BNA_M
 ClientSampled :

Tot Ion:152 Resp: 10505
 Ion Ratio Lower Upper
 152 100
 150 157.0 125.4 188.0
 115 63.0 50.3 75.5



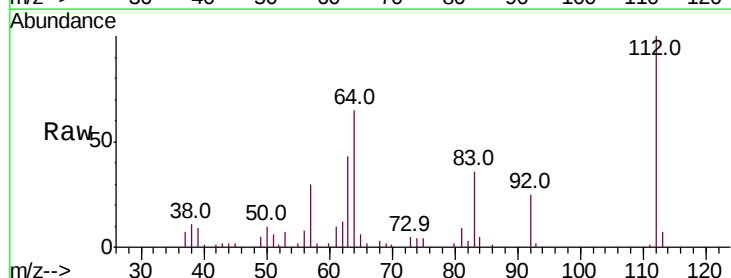
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



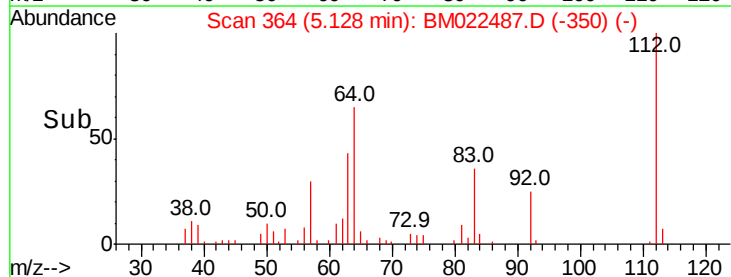
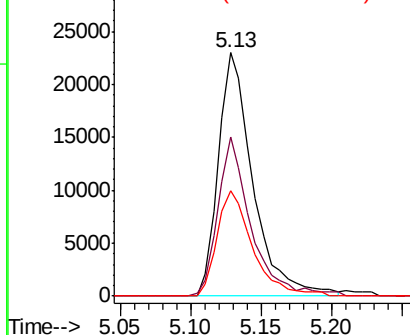
#5

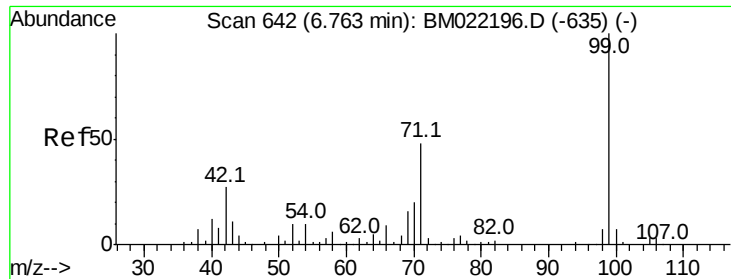
2-Fluorophenol
 Concen: 65.583 ng
 RT: 5.13 min Scan# 364
 Delta R.T. -0.02 min
 Lab File: BM022487.D
 Acq: 01 Sep 2019 21:16

Tgt Ion:112 Resp: 39249
 Ion Ratio Lower Upper
 112 100
 64 65.2 45.4 68.2
 63 43.4 34.5 51.7



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: 36.534 ng

RT: 6.71 min Scan# 633

Delta R.T. -0.01 min

Lab File: BM022487.D

Acq: 01 Sep 2019 21:16

Instrument :

BNA_M

ClientSampled :

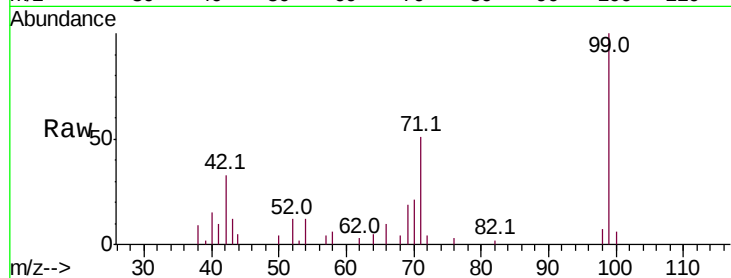
Tot Ion: 99 Resp: 29238

Ion Ratio Lower Upper

99 100

42 32.7 26.3 39.5

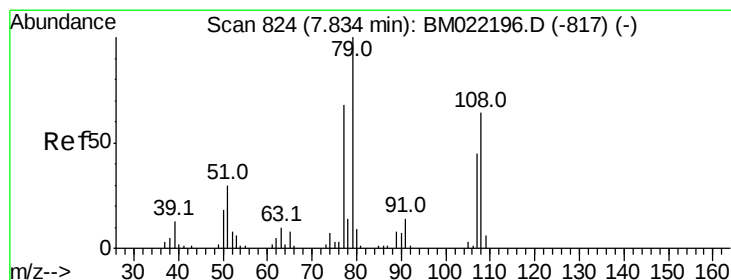
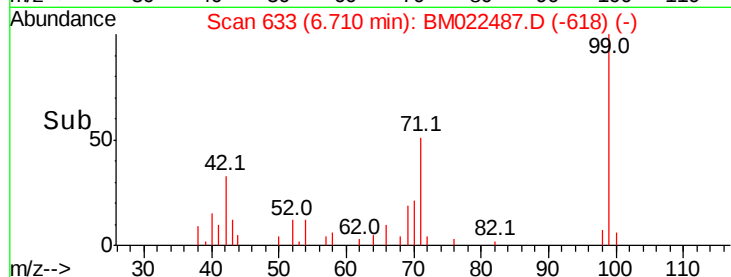
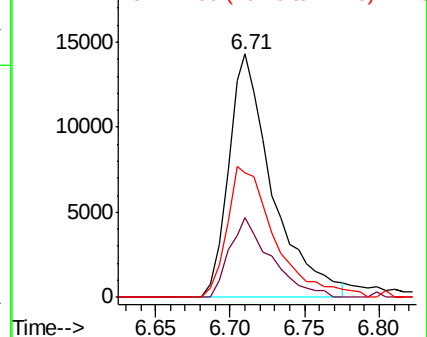
71 51.3 46.6 69.8



Abundance Ion 99.00 (98.70 to 99.70): BMC

Ion 42.00 (41.70 to 42.70): BMC

Ion 71.00 (70.70 to 71.70): BMC



#15

Benzyl Alcohol

Concen: 2.184 ng

RT: 7.81 min Scan# 820

Delta R.T. 0.02 min

Lab File: BM022487.D

Acq: 01 Sep 2019 21:16

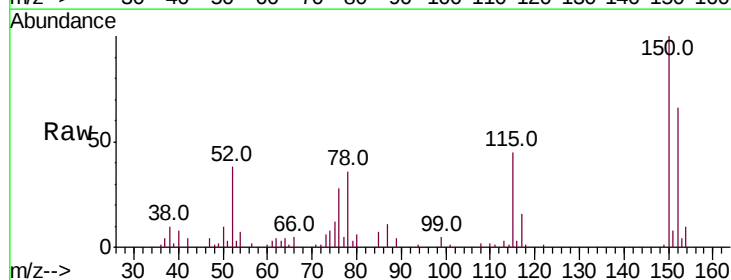
Tgt Ion: 79 Resp: 1658

Ion Ratio Lower Upper

79 100

108 78.2 48.2 72.4#

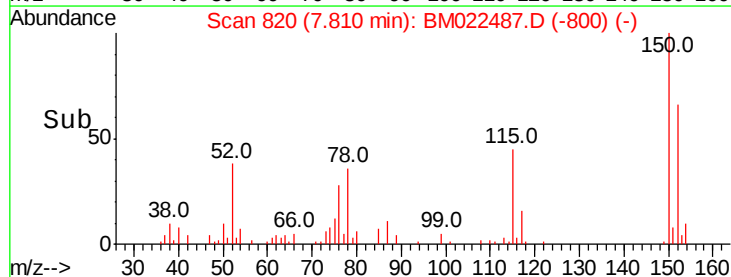
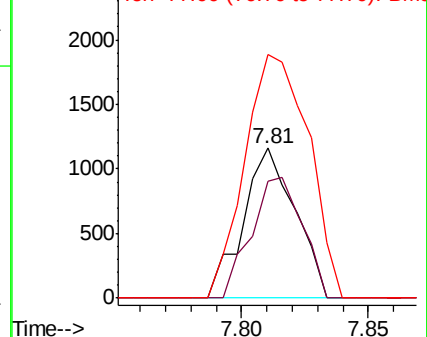
77 162.9 56.6 85.0#

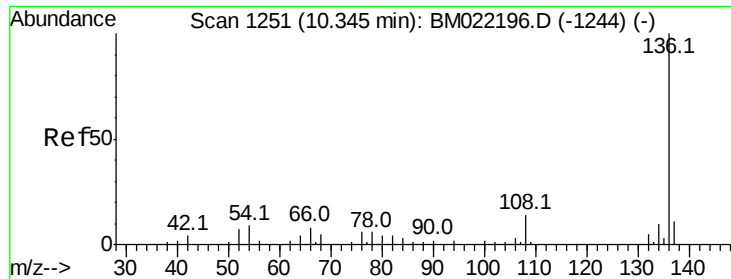


Abundance Ion 79.00 (78.70 to 79.70): BMC

Ion 108.00 (107.70 to 108.70): BMC

Ion 77.00 (76.70 to 77.70): BMC

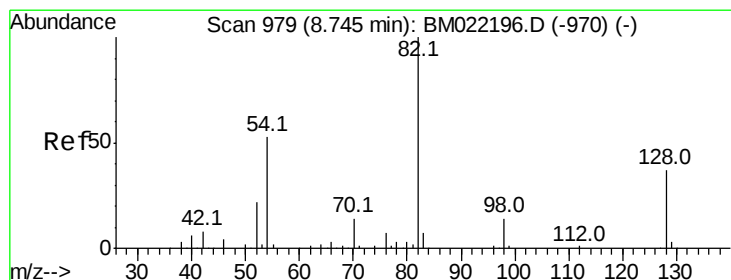
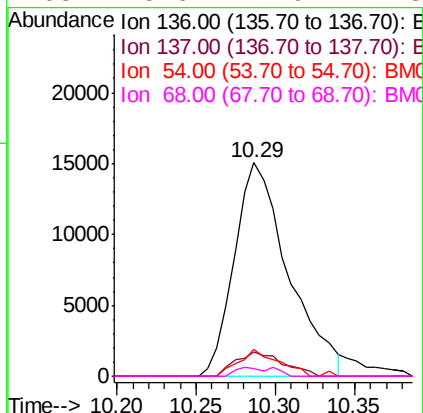
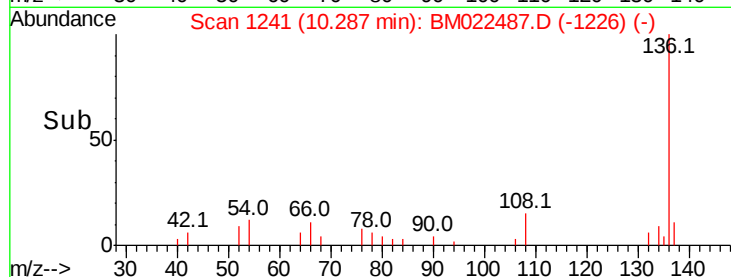
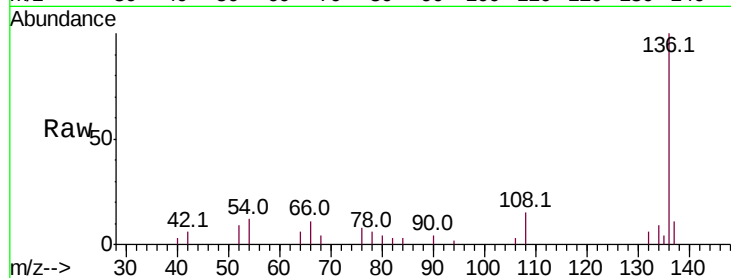




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.29 min Scan# 1241
Delta R.T. -0.01 min
Lab File: BM022487.D
Acq: 01 Sep 2019 21:16

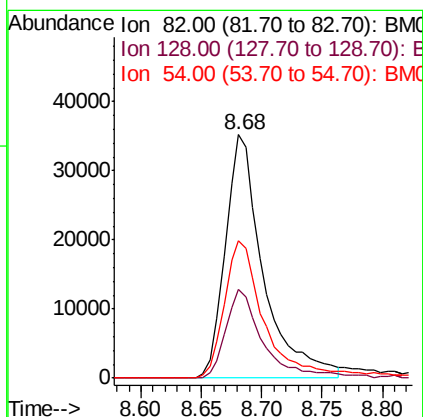
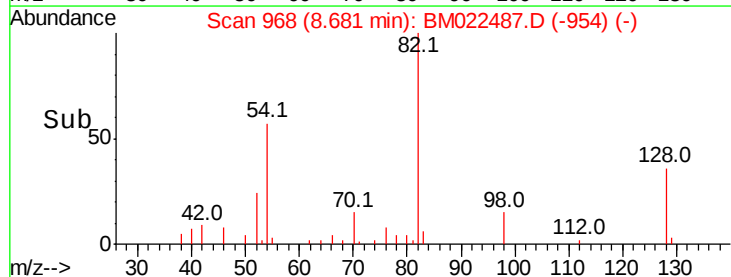
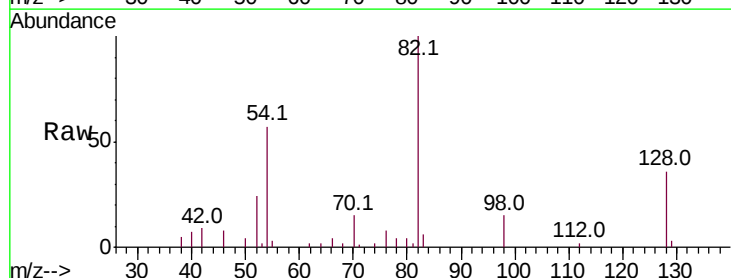
Instrument :
BNA_M
ClientSampleId :

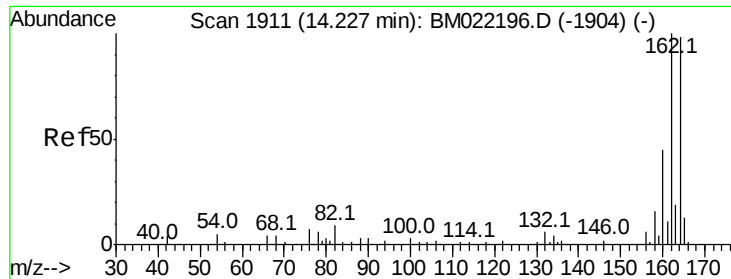
Tot Ion:	136	Resp:	35646
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.6	13.0
54	12.5	7.0	10.6
68	3.6	2.9	4.3



#23
Nitrobenzene-d5
Concen: 94.796 ng
RT: 8.68 min Scan# 968
Delta R.T. -0.02 min
Lab File: BM022487.D
Acq: 01 Sep 2019 21:16

Tgt Ion:	82	Resp:	77148
Ion	Ratio	Lower	Upper
82	100		
128	36.4	27.9	41.9
54	56.6	45.2	67.8

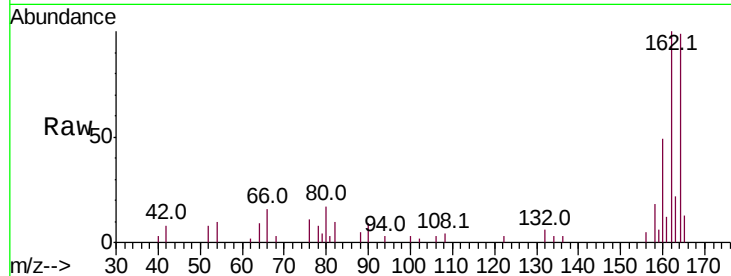




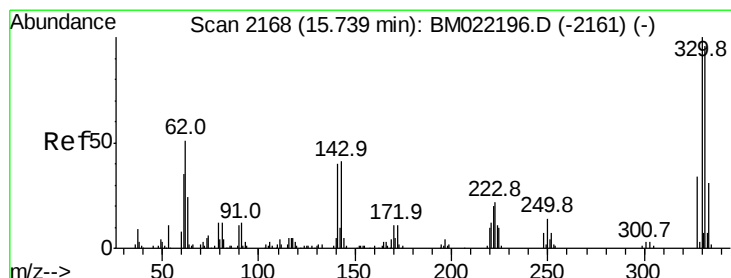
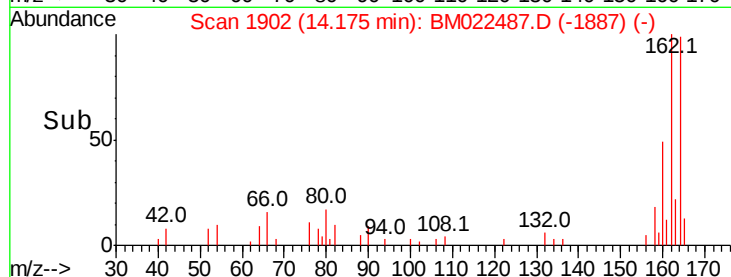
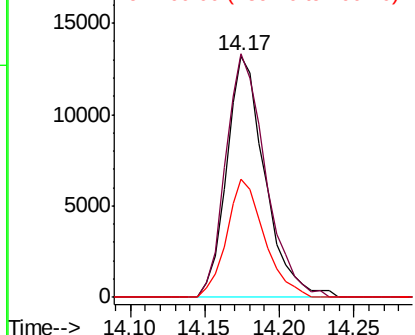
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.17 min Scan# 1902
Delta R.T. -0.01 min
Lab File: BM022487.D
Acq: 01 Sep 2019 21:16

Instrument :
BNA_M
ClientSampleId :

Tot Ion:164 Resp: 23706
Ion Ratio Lower Upper
164 100
162 100.7 80.6 121.0
160 48.9 37.3 55.9

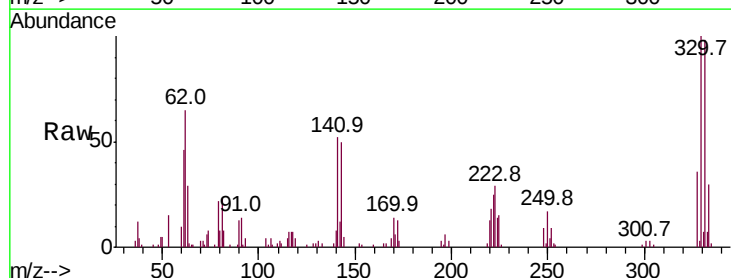


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

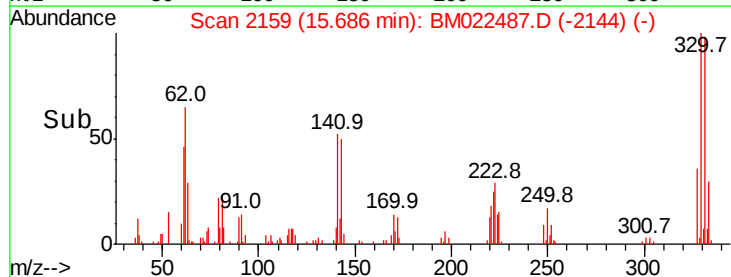
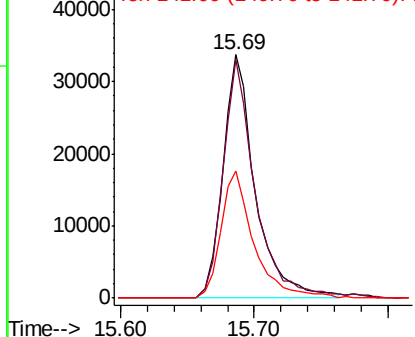


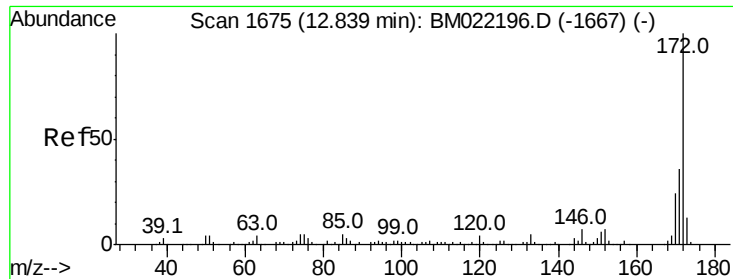
#42
2,4,6-Tribromophenol
Concen: 117.687 ng
RT: 15.69 min Scan# 2159
Delta R.T. -0.01 min
Lab File: BM022487.D
Acq: 01 Sep 2019 21:16

Tgt Ion:330 Resp: 57089
Ion Ratio Lower Upper
330 100
332 96.8 77.8 116.8
141 53.0 35.6 53.4



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

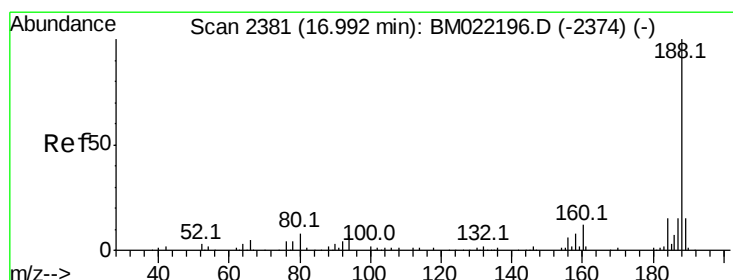
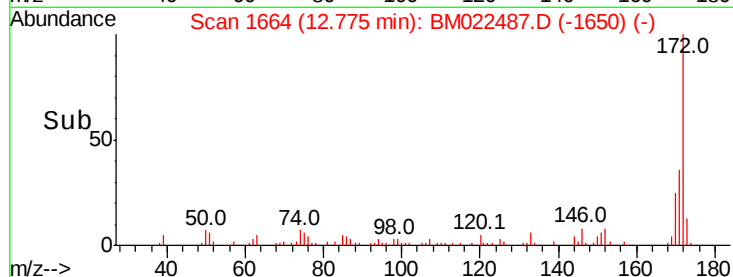
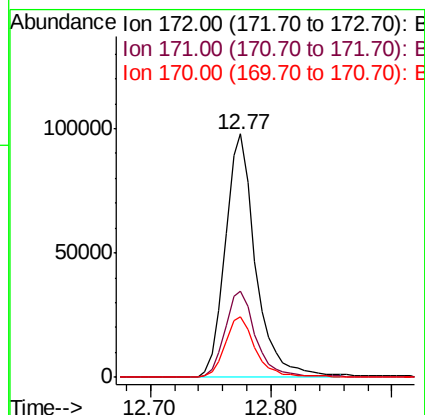
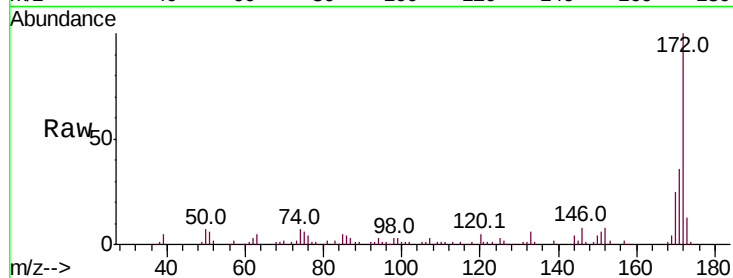




#45
 2-Fluorobiphenyl
 Concen: 82.032 ng
 RT: 12.77 min Scan# 1664
 Delta R.T. -0.02 min
 Lab File: BM022487.D
 Acq: 01 Sep 2019 21:16

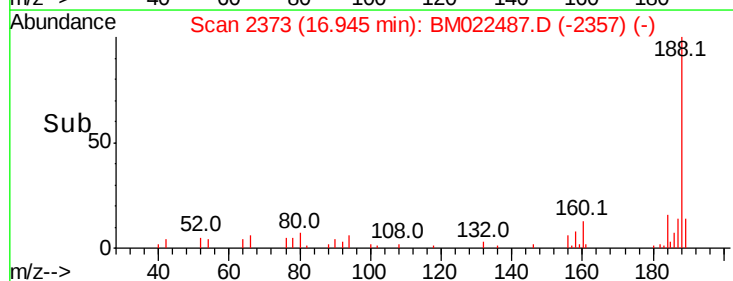
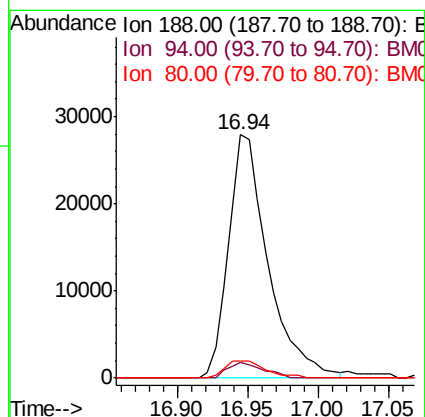
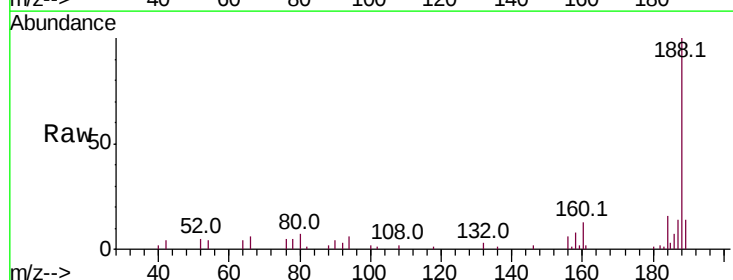
Instrument :
 BNA_M
 ClientSampleId :

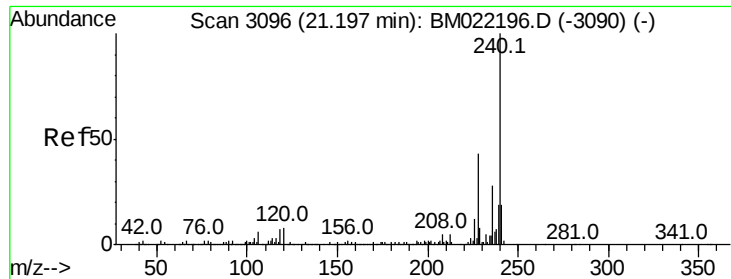
Tot Ion:	172	Resp:	171661
Ion	Ratio	Lower	Upper
172	100		
171	35.6	28.5	42.7
170	24.9	18.9	28.3



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 16.94 min Scan# 2373
 Delta R.T. -0.01 min
 Lab File: BM022487.D
 Acq: 01 Sep 2019 21:16

Tgt Ion:	188	Resp:	54625
Ion	Ratio	Lower	Upper
188	100		
94	6.3	4.4	6.6
80	7.1	5.0	7.6

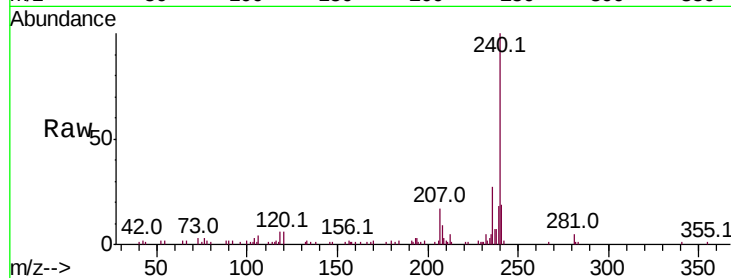




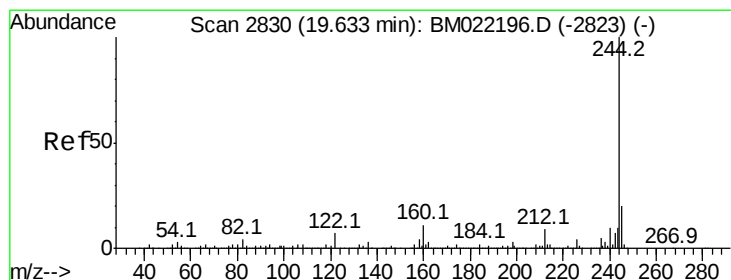
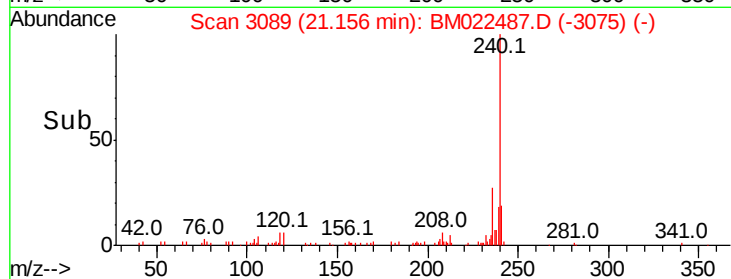
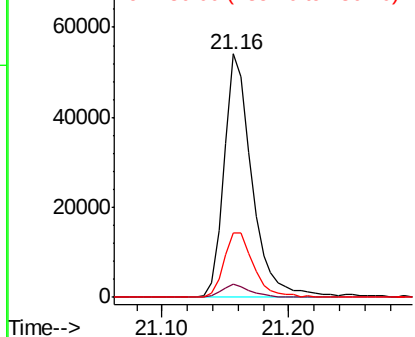
#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 21.16 min Scan# 3089
 Delta R.T. -0.02 min
 Lab File: BM022487.D
 Acq: 01 Sep 2019 21:16

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:240 Resp: 82344
 Ion Ratio Lower Upper
 240 100
 120 5.7 3.9 5.9
 236 26.6 21.4 32.2

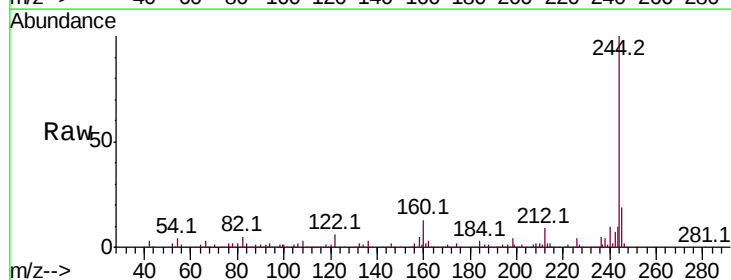


Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E

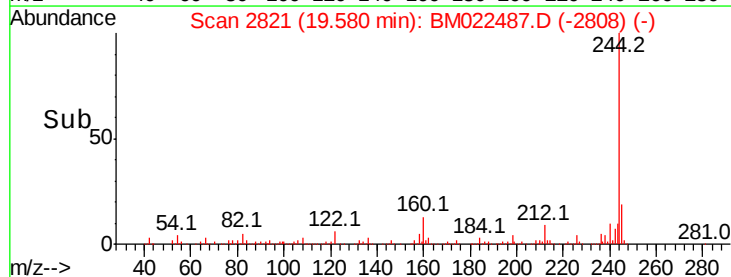
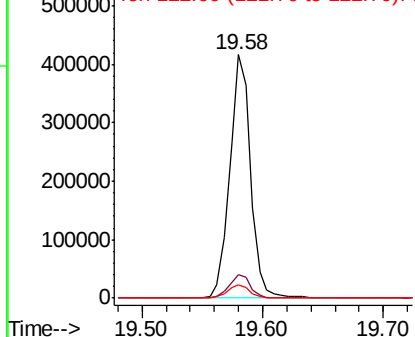


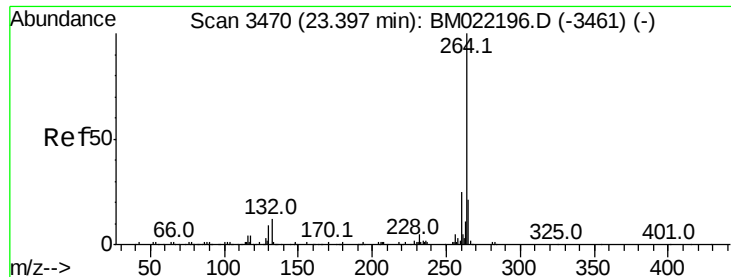
#79
 Terphenyl-d14
 Concen: 79.955 ng
 RT: 19.58 min Scan# 2821
 Delta R.T. -0.02 min
 Lab File: BM022487.D
 Acq: 01 Sep 2019 21:16

Tgt Ion:244 Resp: 498869
 Ion Ratio Lower Upper
 244 100
 212 9.4 7.0 10.4
 122 5.6 3.9 5.9



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
 Pervlene-d12
 Concen: 20.000 ng
 RT: 23.34 min Scan# 3460
 Delta R.T. -0.02 min
 Lab File: BM022487.D
 Acq: 01 Sep 2019 21:16

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.5	20.2	30.2
265	22.0	18.2	27.2

