

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM050819\
 Data File : BM020194.D
 Acq On : 08 May 2019 14:41
 Operator : JU/SJ
 Sample : PB119288BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: May 08 15:27:14 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	7.79	152	146055	20.00	ng	0.00
21) Naphthalene-d8	10.58	136	493300	20.00	ng	0.00
39) Acenaphthene-d10	14.43	164	302862	20.00	ng	0.00
64) Phenanthrene-d10	17.17	188	669022	20.00	ng	0.00
76) Chrysene-d12	21.36	240	551030	20.00	ng	0.00
87) Perylene-d12	23.66	264	616470	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	1254756	140.43	ng	0.00
7) Phenol-d6	6.96	99	1708521	139.96	ng	0.00
23) Nitrobenzene-d5	8.95	82	1196811	95.78	ng	0.00
42) 2,4,6-Tribromophenol	15.92	330	714427	151.97	ng	0.00
45) 2-Fluorobiphenyl	13.05	172	2440373	99.14	ng	-0.01
79) Terphenyl-d14	19.80	244	3416476	108.14	ng	0.00

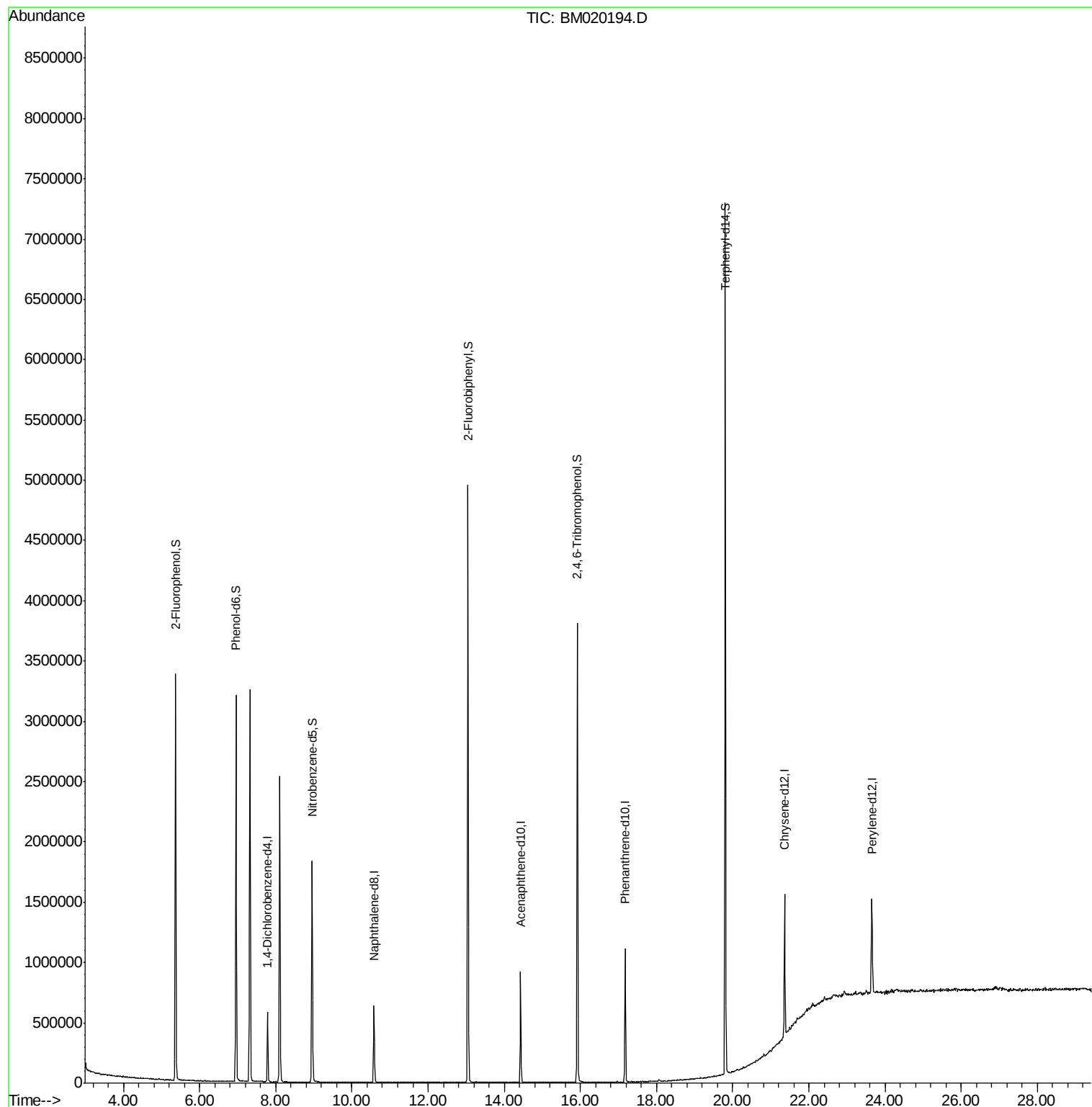
Target Compounds Qvalue

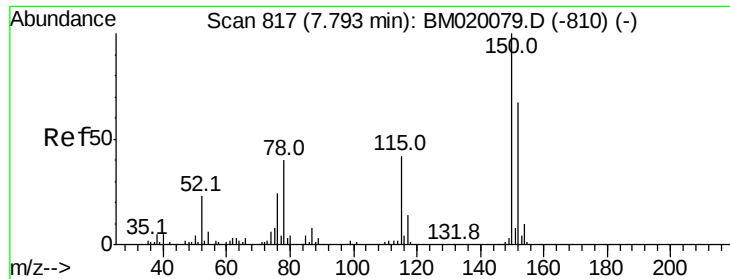
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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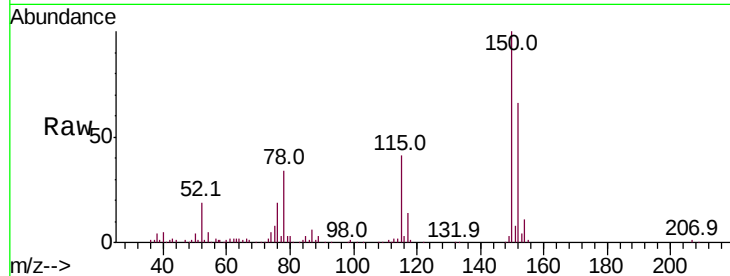


#1

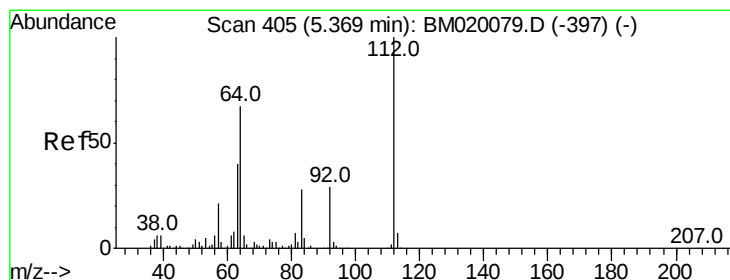
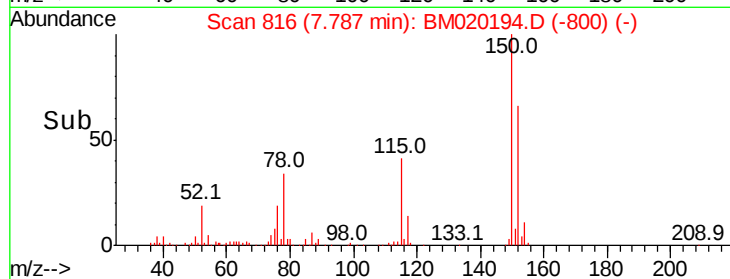
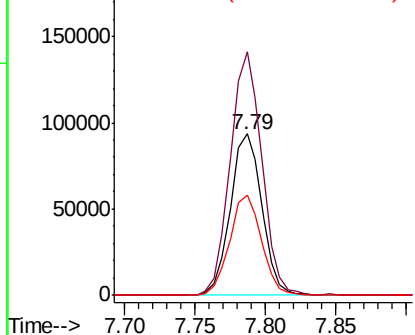
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.79 min Scan# 816
Delta R.T. -0.01 min
Lab File: BM020194.D
Acq: 08 May 2019 14:41

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	150.6	119.8	179.8
115	62.2	50.8	76.2



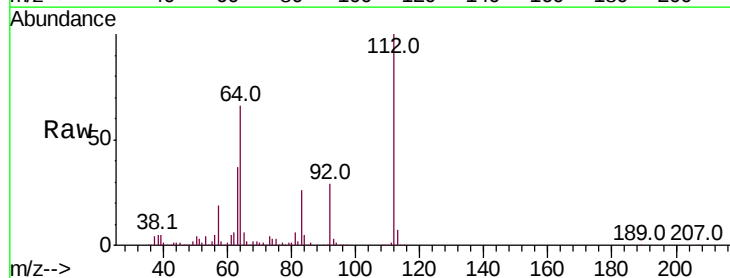
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



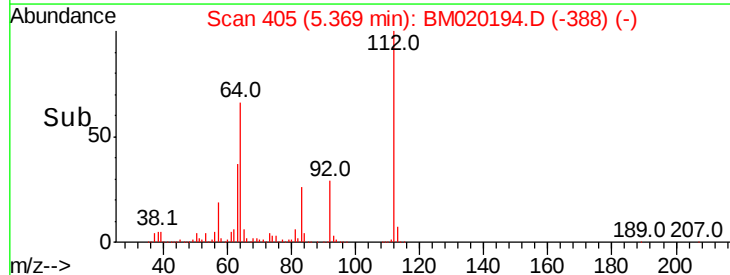
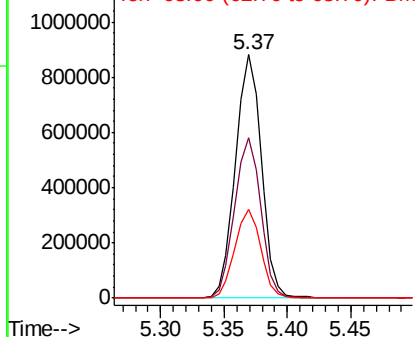
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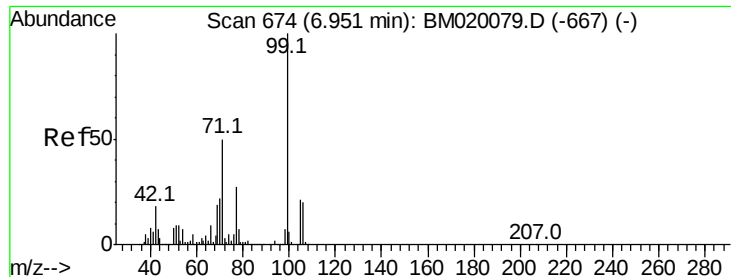
2-Fluorophenol
Concen: 140.428 ng
RT: 5.37 min Scan# 405
Delta R.T. 0.00 min
Lab File: BM020194.D
Acq: 08 May 2019 14:41

Tgt Ion	Ratio	Lower	Upper
112	100		
64	65.7	53.8	80.6
63	36.6	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: 139.965 ng

RT: 6.96 min Scan# 675

Delta R.T. 0.01 min

Lab File: BM020194.D

Acq: 08 May 2019 14:41

Instrument :

BNA_M

ClientSampled :

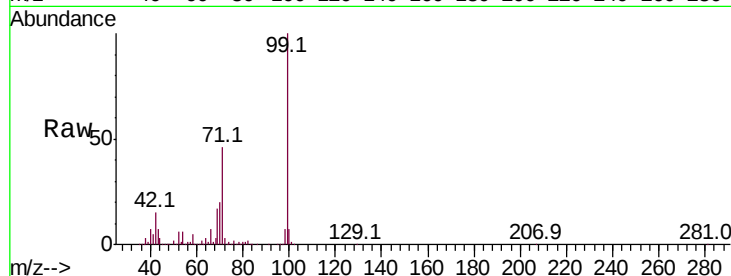
Tot Ion: 99 Resp: 1708521

Ion Ratio Lower Upper

99 100

42 14.8 14.2 21.2

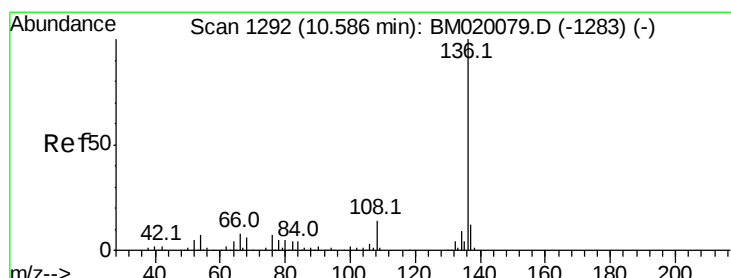
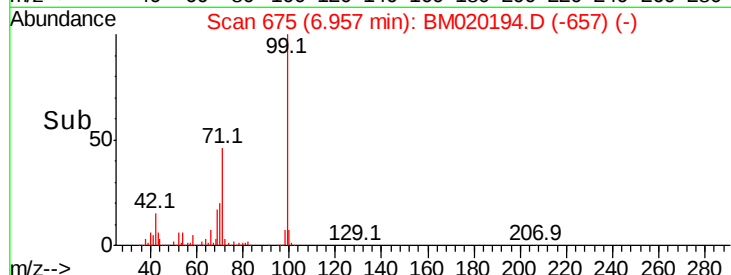
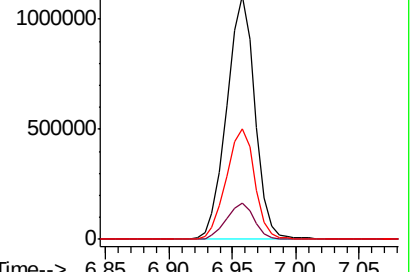
71 45.5 40.3 60.5



Abundance Ion 99.00 (98.70 to 99.70): BM020194.D (-667) (-)

Ion 42.00 (41.70 to 42.70): BM020194.D (-667) (-)

Ion 71.00 (70.70 to 71.70): BM020194.D (-667) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.58 min Scan# 1291

Delta R.T. -0.01 min

Lab File: BM020194.D

Acq: 08 May 2019 14:41

Tgt Ion: 136 Resp: 493300

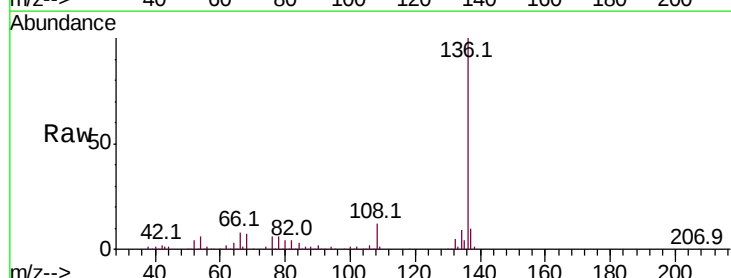
Ion Ratio Lower Upper

136 100

137 10.2 9.6 14.4

54 6.1 5.5 8.3

68 6.5 4.6 6.8

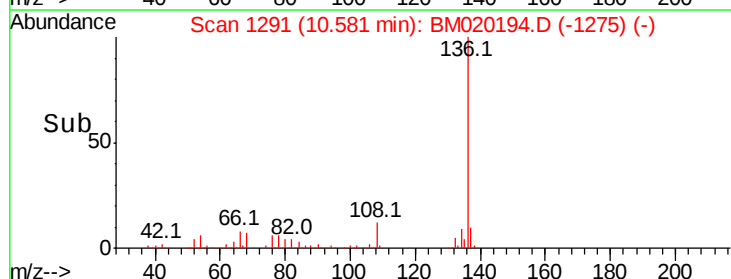
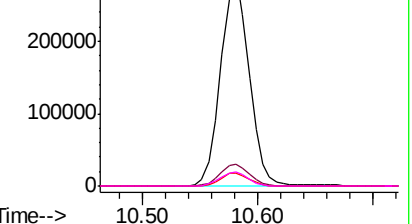


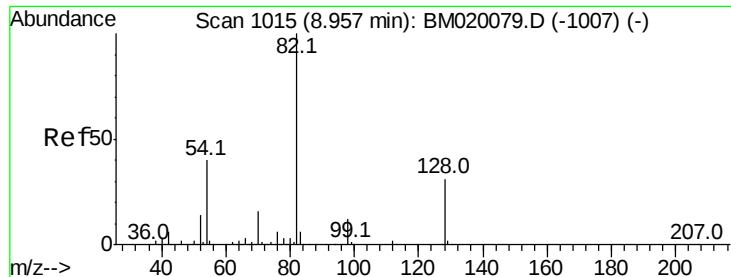
Abundance Ion 136.00 (135.70 to 136.70): BM020194.D (-1275) (-)

Ion 137.00 (136.70 to 137.70): BM020194.D (-1275) (-)

Ion 54.00 (53.70 to 54.70): BM020194.D (-1275) (-)

Ion 68.00 (67.70 to 68.70): BM020194.D (-1275) (-)

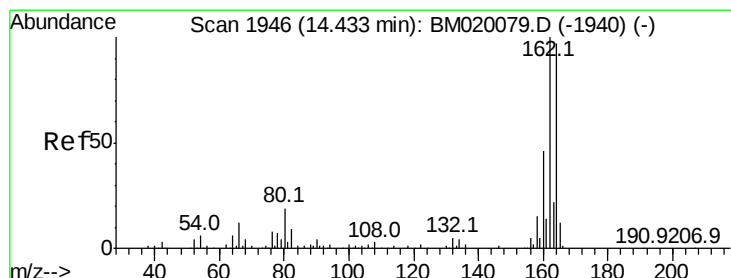
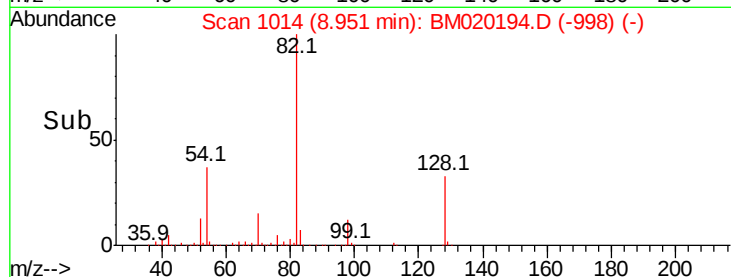
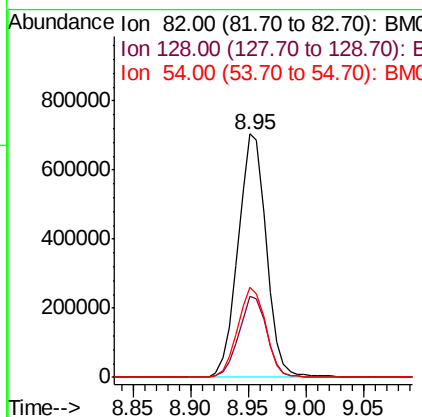
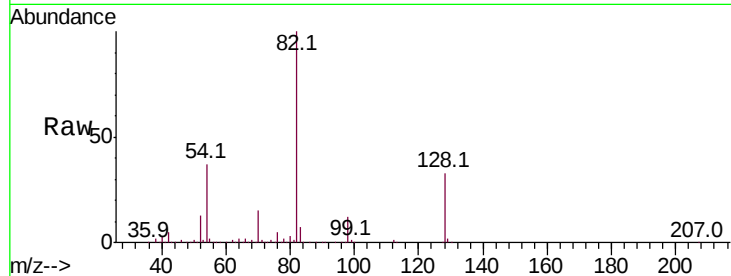




#23
Nitrobenzene-d5
Concen: 95.784 ng
RT: 8.95 min Scan# 1014
Delta R.T. -0.01 min
Lab File: BM020194.D
Acq: 08 May 2019 14:41

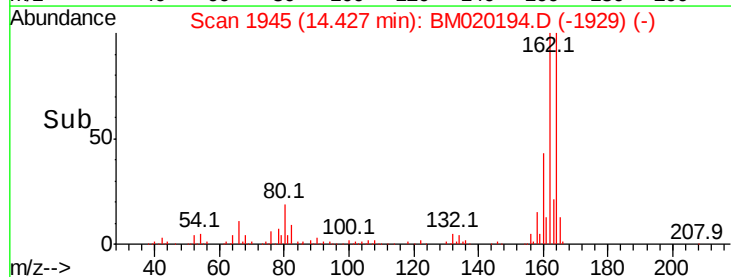
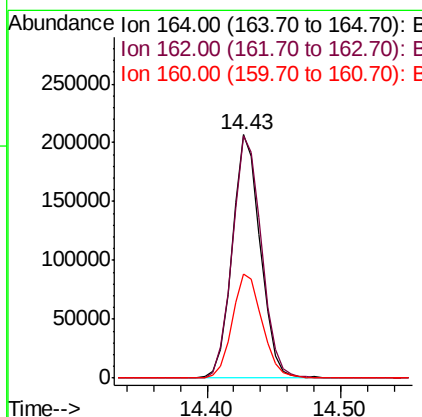
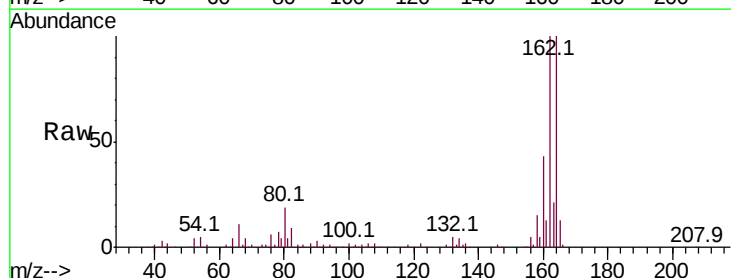
Instrument :
BNA_M
ClientSampleId :

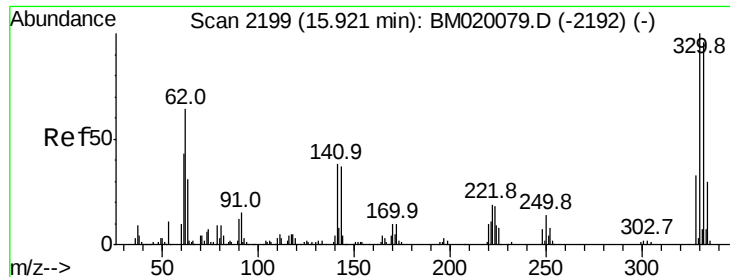
Tot Ion: 82 Resp: 1196811
Ion Ratio Lower Upper
82 100
128 33.2 25.2 37.8
54 36.7 31.9 47.9



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.43 min Scan# 1945
Delta R.T. -0.01 min
Lab File: BM020194.D
Acq: 08 May 2019 14:41

Tgt Ion:164 Resp: 302862
Ion Ratio Lower Upper
164 100
162 99.7 82.2 123.2
160 43.0 37.6 56.4

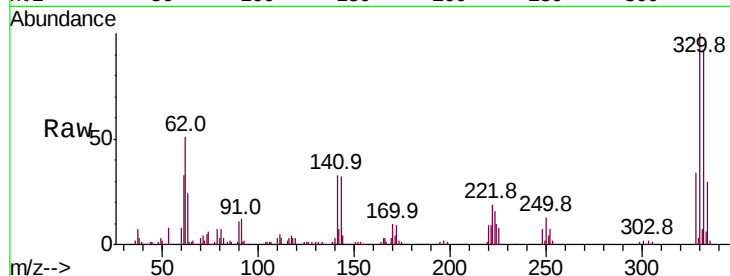




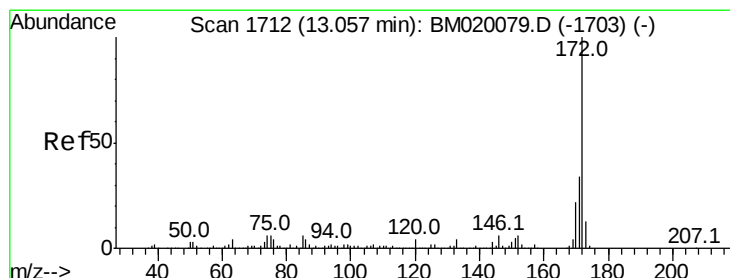
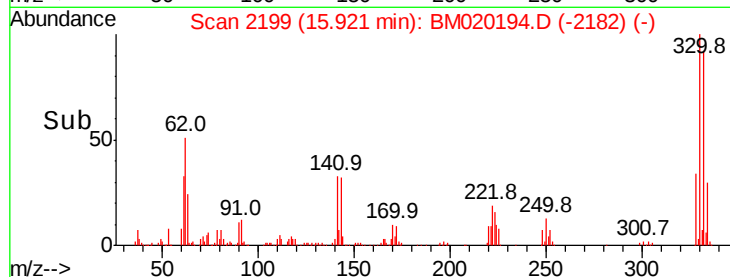
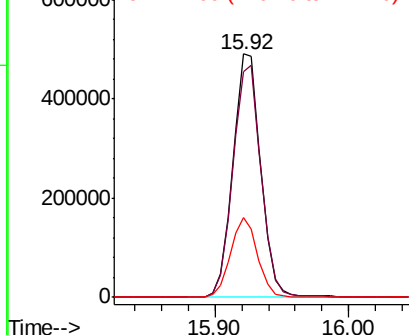
#42
 2,4,6-Tribromophenol
 Concen: 151.974 ng
 RT: 15.92 min Scan# 2199
 Delta R.T. 0.00 min
 Lab File: BM020194.D
 Acq: 08 May 2019 14:41

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.4	76.8	115.2
141	32.2	29.2	43.8

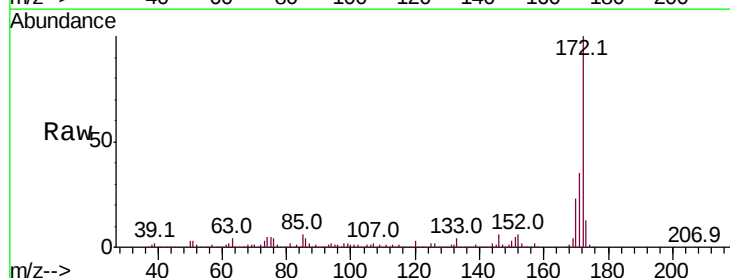


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

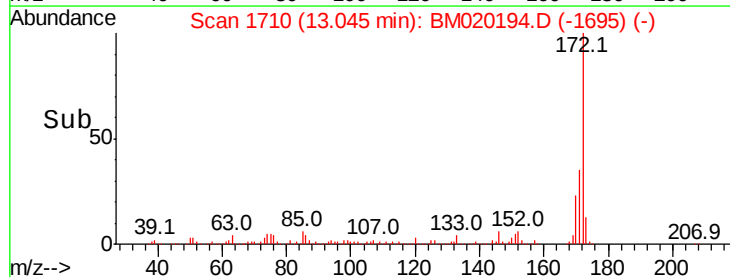
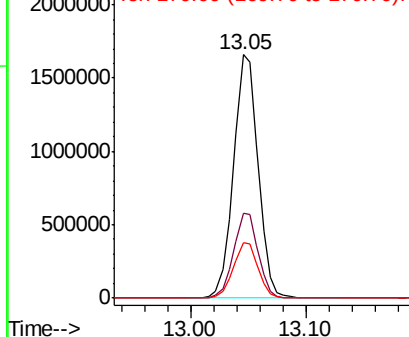


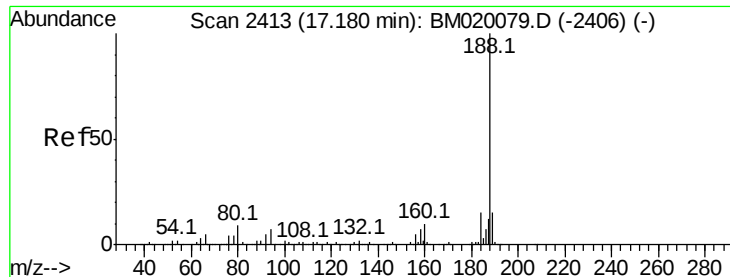
#45
 2-Fluorobiphenyl
 Concen: 99.139 ng
 RT: 13.05 min Scan# 1710
 Delta R.T. -0.01 min
 Lab File: BM020194.D
 Acq: 08 May 2019 14:41

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.1	27.3	40.9
170	22.9	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: 17.17 min Scan# 2412

Delta R.T. -0.01 min

Lab File: BM020194.D

Acq: 08 May 2019 14:41

Instrument :

BNA_M

ClientSampleId :

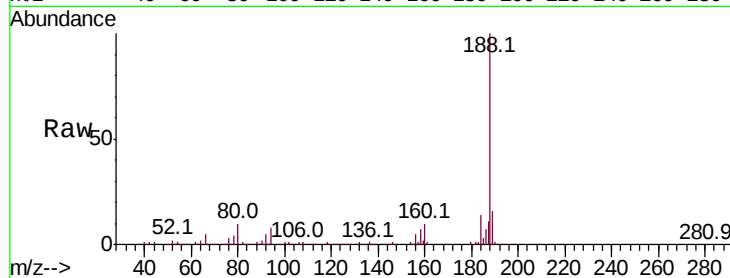
Tot Ion:188 Resp: 669022

Ion Ratio Lower Upper

188 100

94 7.9 5.8 8.6

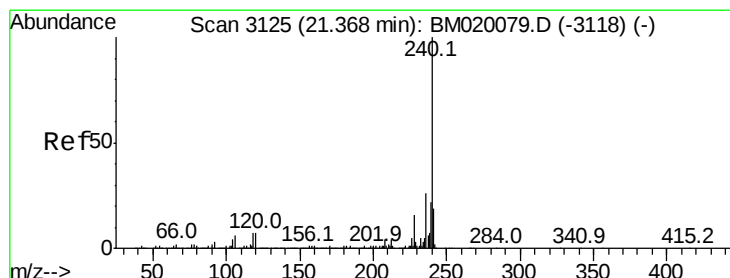
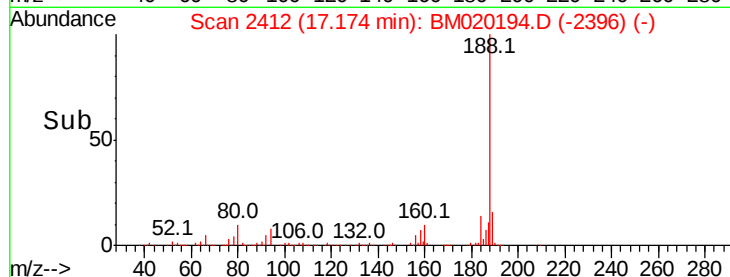
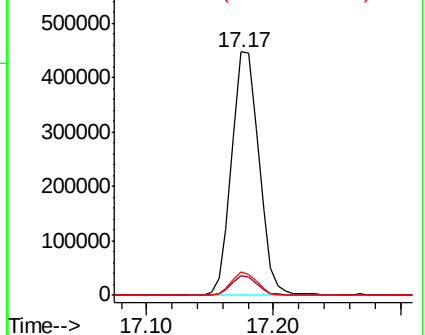
80 9.8 7.4 11.2



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: 21.36 min Scan# 3124

Delta R.T. -0.01 min

Lab File: BM020194.D

Acq: 08 May 2019 14:41

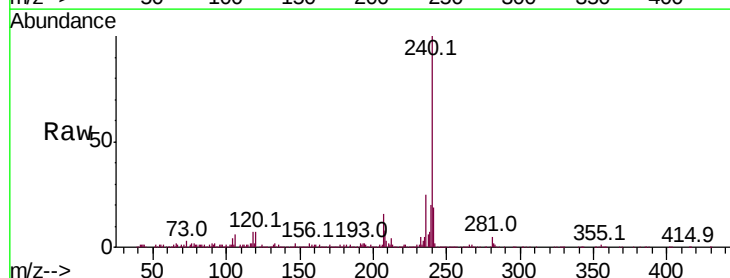
Tgt Ion:240 Resp: 551030

Ion Ratio Lower Upper

240 100

120 6.7 5.6 8.4

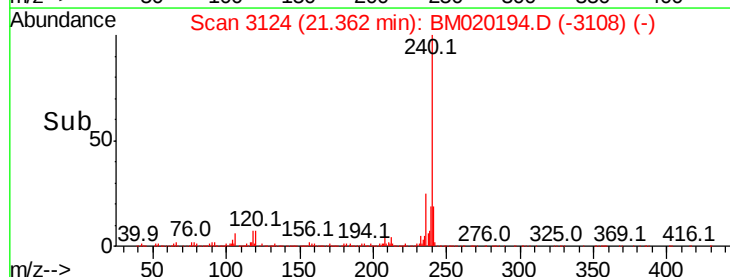
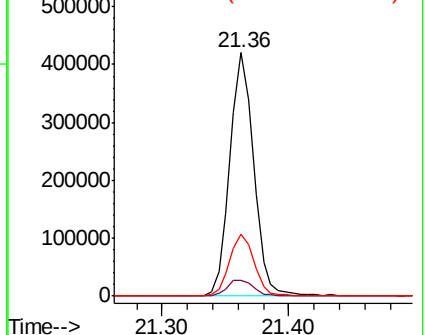
236 25.5 20.9 31.3

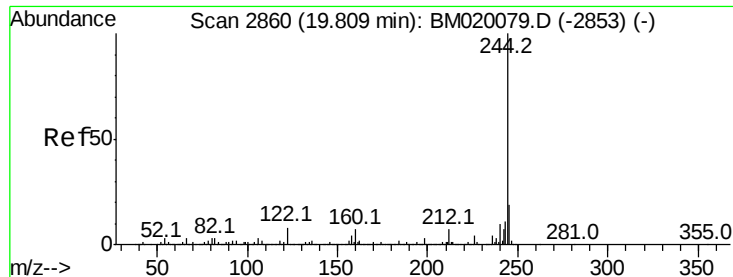


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 108.144 ng

RT: 19.80 min Scan# 2859

Delta R.T. -0.01 min

Lab File: BM020194.D

Acq: 08 May 2019 14:41

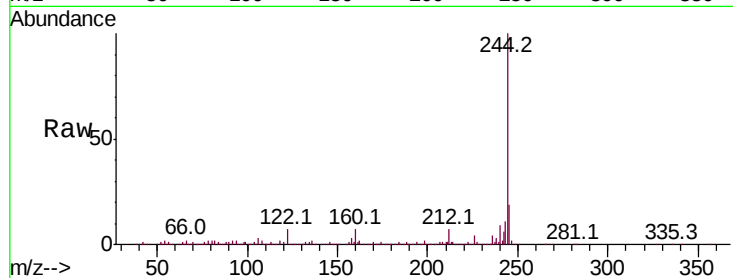
Instrument :

BNA_M

ClientSampleId :

Tot Ion:244 Resp: 3416476

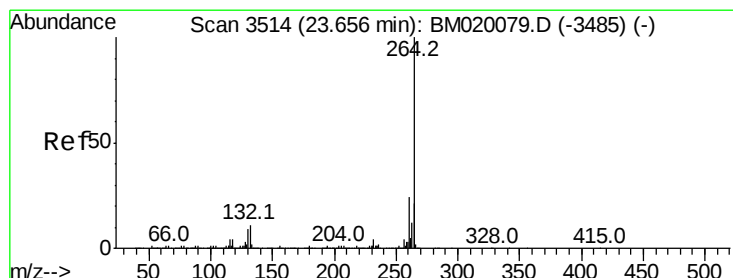
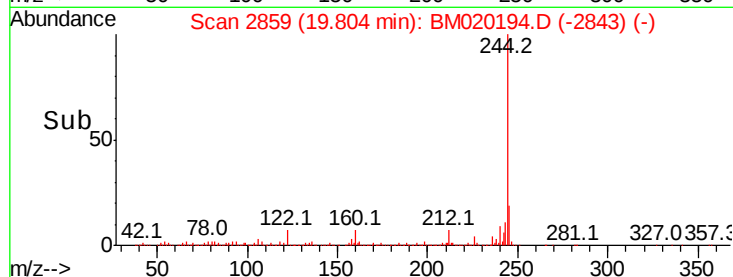
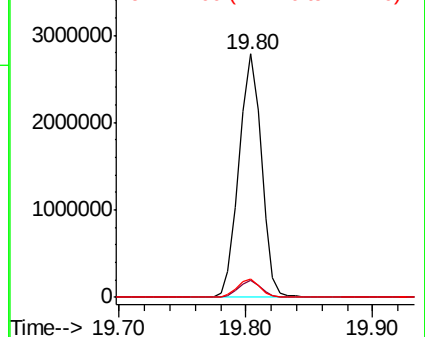
Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.7	8.5
122	7.4	6.2	9.2



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

Perylene-d12

Concen: 20.000 ng

RT: 23.66 min Scan# 3514

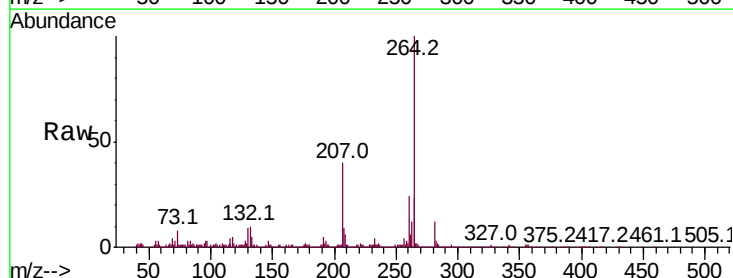
Delta R.T. 0.00 min

Lab File: BM020194.D

Acq: 08 May 2019 14:41

Tgt Ion:264 Resp: 616470

Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.2	28.8
265	23.4	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

