

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM090319\
 Data File : BM022509.D
 Acq On : 03 Sep 2019 18:57
 Operator : HP/JU
 Sample : K4555-21
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Sep 04 02:03:08 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 03:54:42 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.50	152	16768	20.00	ng	0.00
21) Naphthalene-d8	10.28	136	55085	20.00	ng	0.00
39) Acenaphthene-d10	14.17	164	34433	20.00	ng	0.00
64) Phenanthrene-d10	16.95	188	66518	20.00	ng	0.01
76) Chrysene-d12	21.16	240	74328	20.00	ng	0.00
87) Perylene-d12	23.34	264	88740	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.13	112	48300	50.56	ng	0.00
7) Phenol-d6	6.70	99	35026	27.42	ng	0.00
23) Nitrobenzene-d5	8.68	82	106633	84.79	ng	0.00
42) 2,4,6-Tribromophenol	15.69	330	64282	91.23	ng	0.00
45) 2-Fluorobiphenyl	12.77	172	228302	75.11	ng	0.00
79) Terphenyl-d14	19.58	244	457444	81.22	ng	0.00

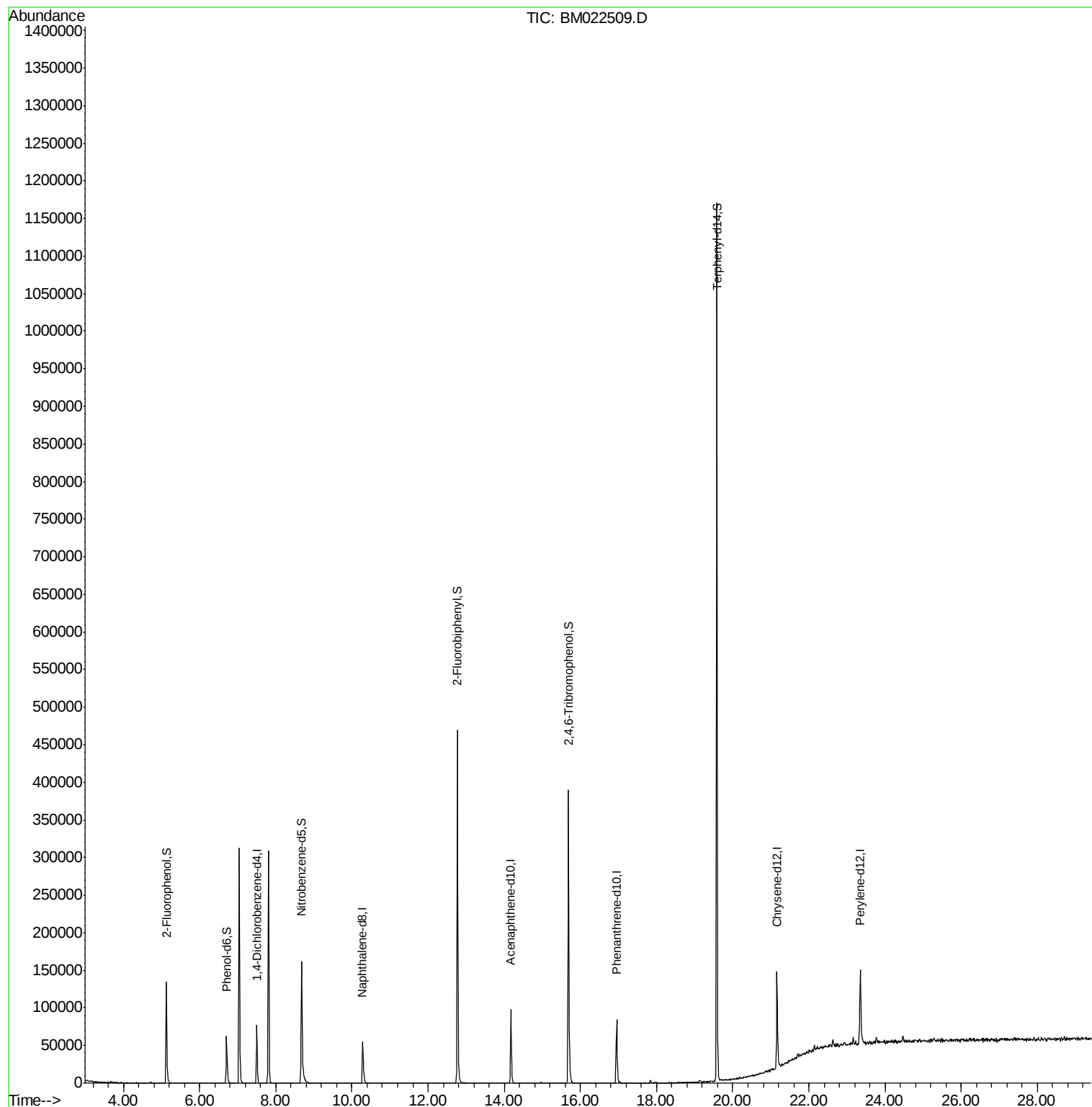
Target Compounds Qvalue

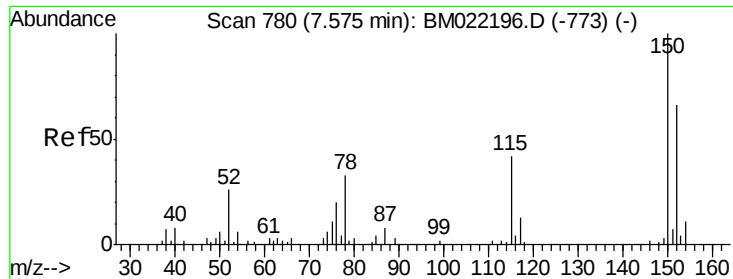
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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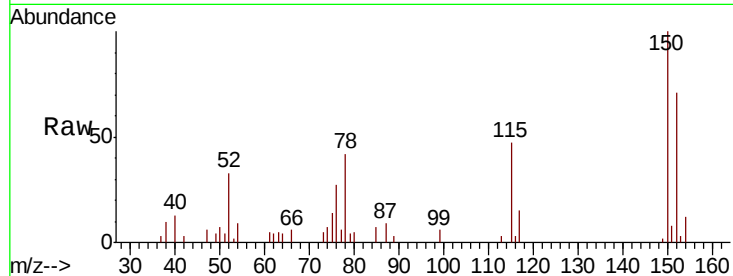


#1

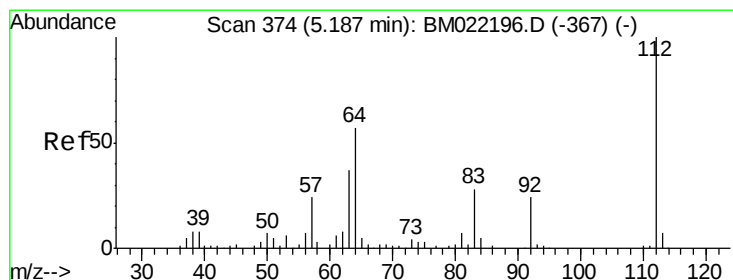
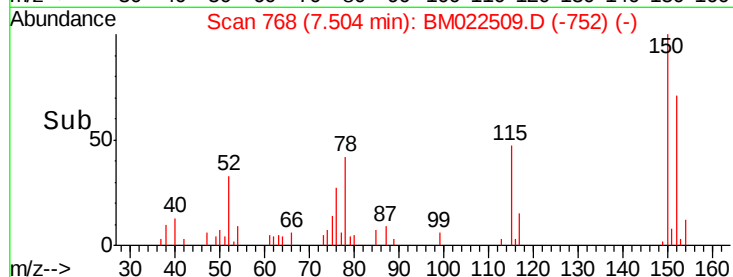
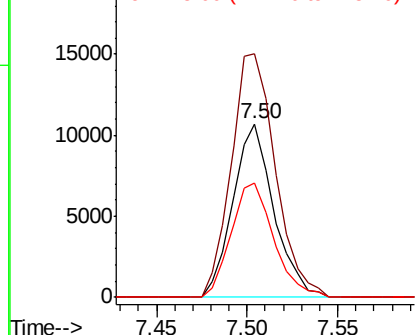
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.50 min Scan# 768
Delta R.T. -0.01 min
Lab File: BM022509.D
Acq: 03 Sep 2019 18:57

Instrument :
BNA_M
ClientSampleId :

Tot Ion:152 Resp: 16768
Ion Ratio Lower Upper
152 100
150 140.6 125.4 188.0
115 66.0 50.3 75.5



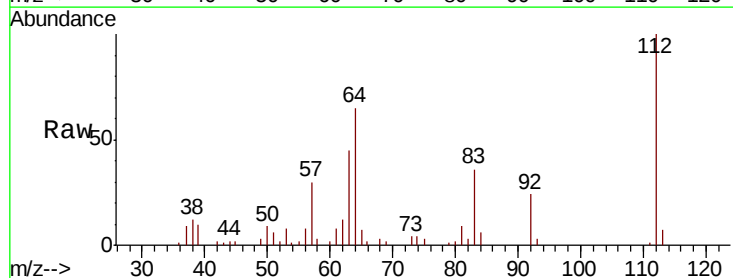
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



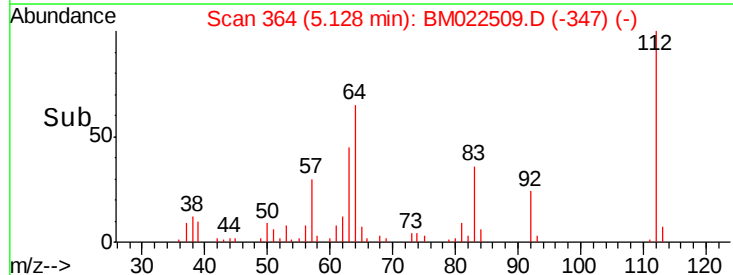
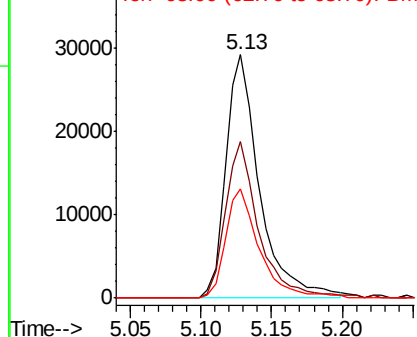
#5

2-Fluorophenol
Concen: 50.562 ng
RT: 5.13 min Scan# 364
Delta R.T. -0.00 min
Lab File: BM022509.D
Acq: 03 Sep 2019 18:57

Tgt Ion:112 Resp: 48300
Ion Ratio Lower Upper
112 100
64 64.6 45.4 68.2
63 44.6 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: 27.419 ng

RT: 6.70 min Scan# 632

Delta R.T. -0.01 min

Lab File: BM022509.D

Acq: 03 Sep 2019 18:57

Instrument :

BNA_M

ClientSampled :

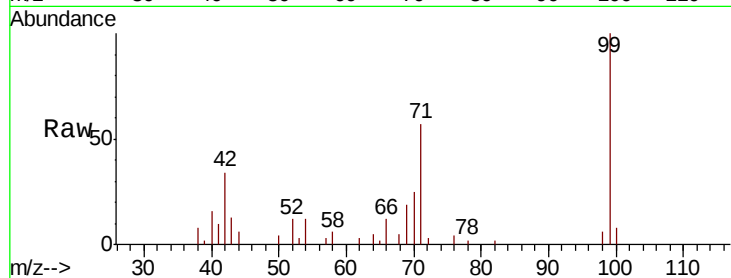
Tot Ion: 99 Resp: 35026

Ion Ratio Lower Upper

99 100

42 34.5 26.3 39.5

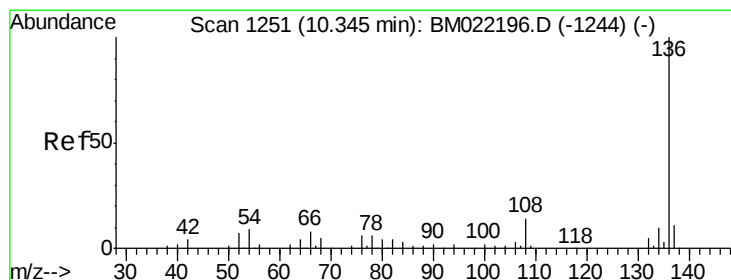
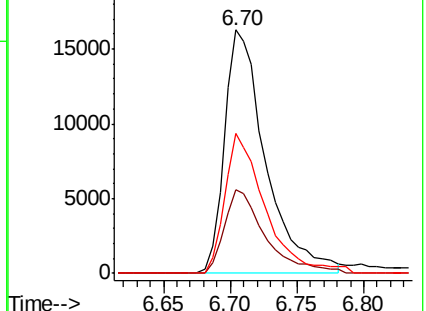
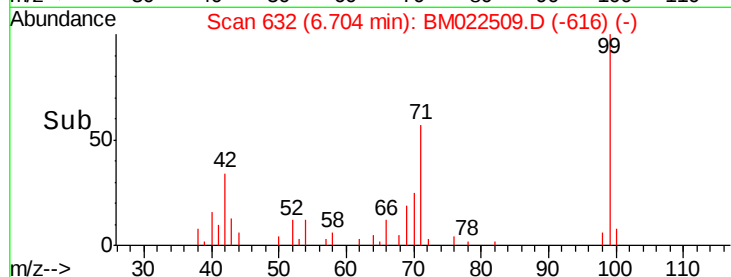
71 57.3 46.6 69.8



Abundance Ion 99.00 (98.70 to 99.70): BM022196.D (-635) (-)

Ion 42.00 (41.70 to 42.70): BM022196.D (-635) (-)

Ion 71.00 (70.70 to 71.70): BM022196.D (-635) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.28 min Scan# 1240

Delta R.T. -0.00 min

Lab File: BM022509.D

Acq: 03 Sep 2019 18:57

Tgt Ion: 136 Resp: 55085

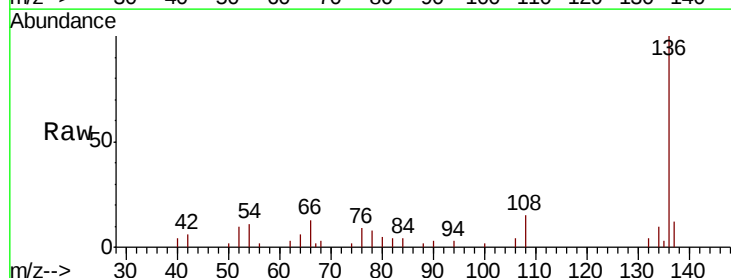
Ion Ratio Lower Upper

136 100

137 12.0 8.6 13.0

54 11.2 7.0 10.6

68 3.5 2.9 4.3

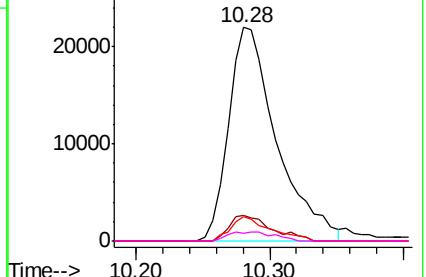
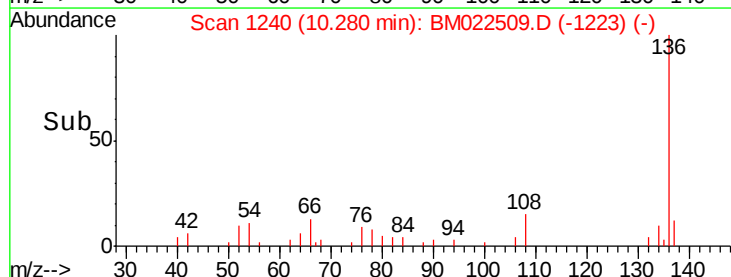


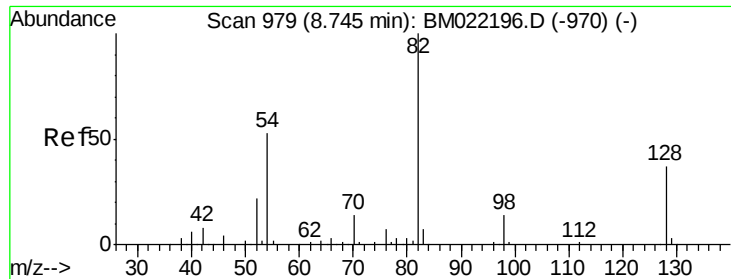
Abundance Ion 136.00 (135.70 to 136.70): BM022196.D (-1244) (-)

Ion 137.00 (136.70 to 137.70): BM022196.D (-1244) (-)

Ion 54.00 (53.70 to 54.70): BM022196.D (-1244) (-)

Ion 68.00 (67.70 to 68.70): BM022196.D (-1244) (-)

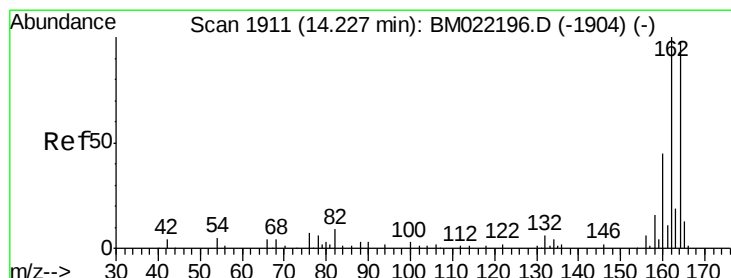
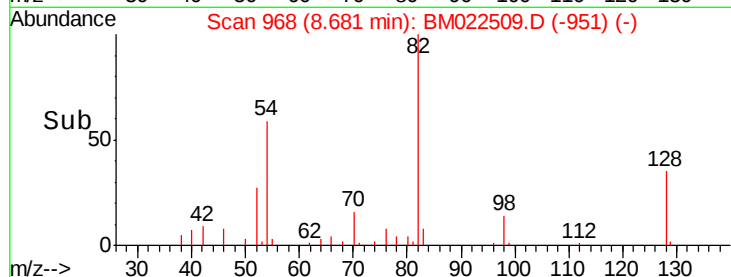
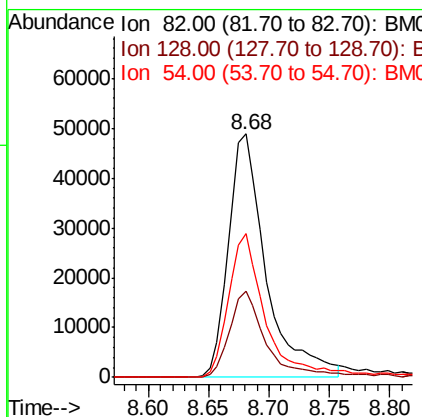
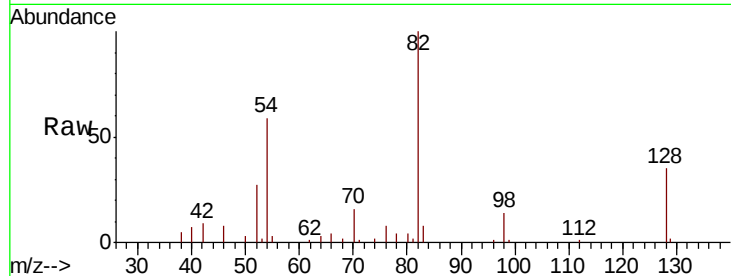




#23
 Nitrobenzene-d5
 Concen: 84.788 ng
 RT: 8.68 min Scan# 968
 Delta R.T. -0.00 min
 Lab File: BM022509.D
 Acq: 03 Sep 2019 18:57

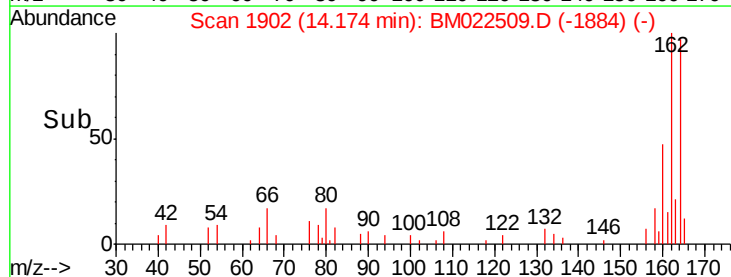
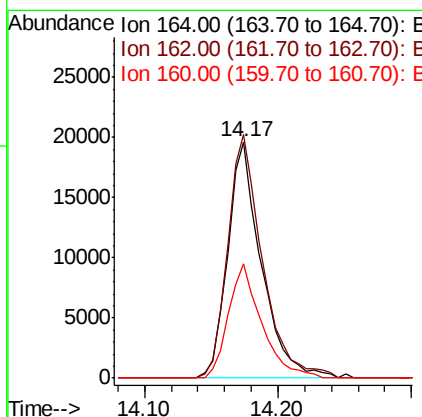
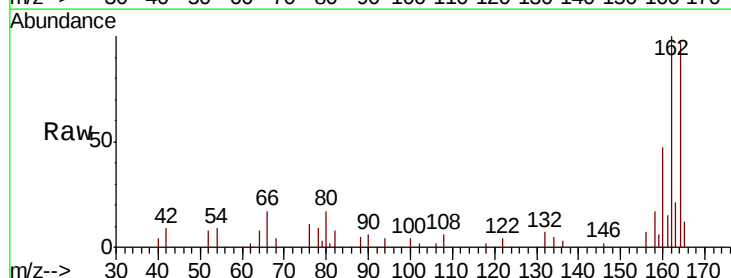
Instrument :
 BNA_M
 ClientSampled :

Tot Ion: 82 Resp: 106633
 Ion Ratio Lower Upper
 82 100
 128 35.4 27.9 41.9
 54 59.2 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: BM022509.D
 Acq: 03 Sep 2019 18:57

Tgt Ion: 164 Resp: 34433
 Ion Ratio Lower Upper
 164 100
 162 103.1 80.6 121.0
 160 48.2 37.3 55.9





#42

2,4,6-Tribromophenol

Concen: 91.233 ng

RT: 15.69 min Scan# 2159

Delta R.T. -0.00 min

Lab File: BM022509.D

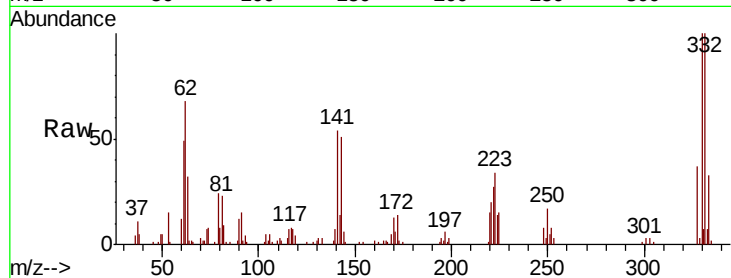
Acq: 03 Sep 2019 18:57

Instrument :

BNA_M

ClientSampled :

Tot Ion:	330	Resp:	64282
Ion	Ratio	Lower	Upper
330	100		
332	95.8	77.8	116.8
141	56.7	35.6	53.4#

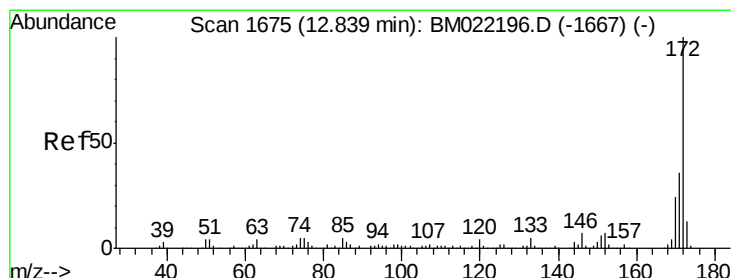
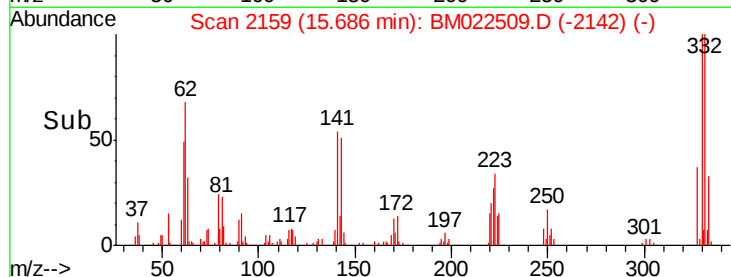
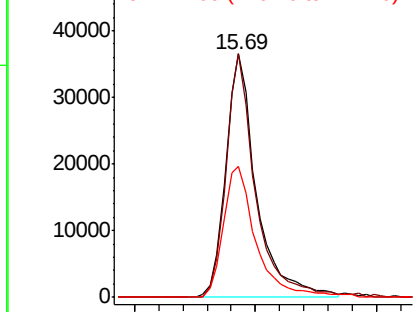


Abundance

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: 75.111 ng

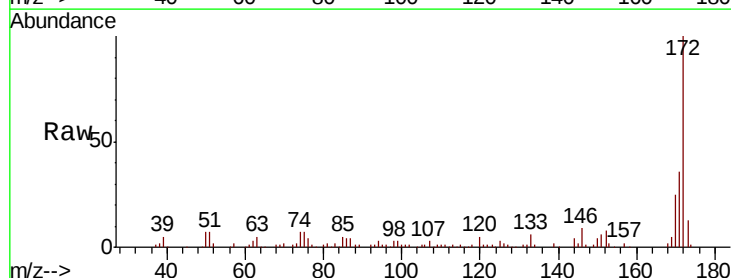
RT: 12.77 min Scan# 1663

Delta R.T. -0.01 min

Lab File: BM022509.D

Acq: 03 Sep 2019 18:57

Tgt Ion:	172	Resp:	228302
Ion	Ratio	Lower	Upper
172	100		
171	35.7	28.5	42.7
170	24.6	18.9	28.3

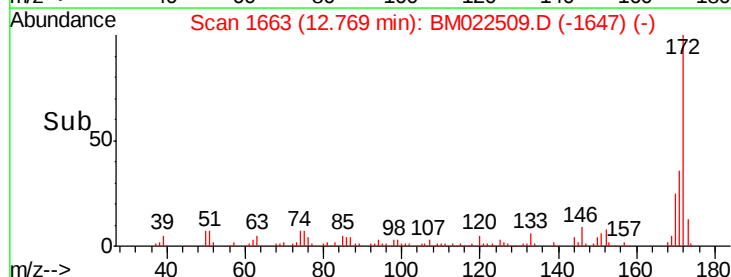
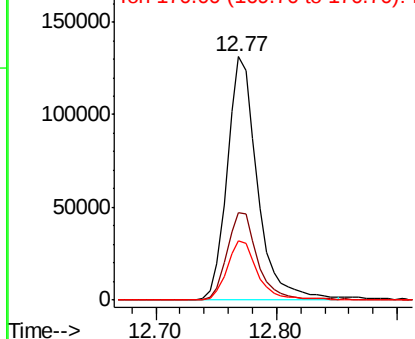


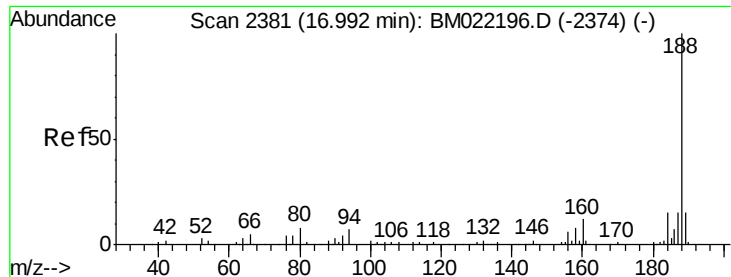
Abundance

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: 16.95 min Scan# 2374

Delta R.T. 0.01 min

Lab File: BM022509.D

Acq: 03 Sep 2019 18:57

Instrument :

BNA_M

ClientSampleId :

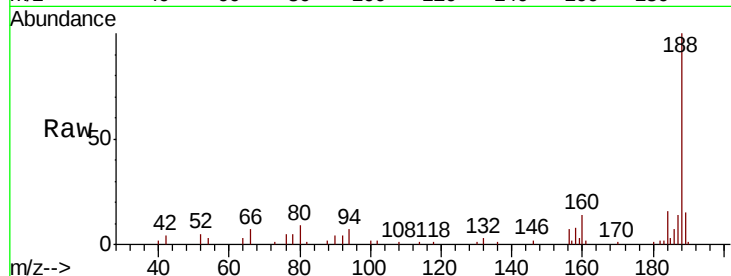
Tot Ion:188 Resp: 66518

Ion Ratio Lower Upper

188 100

94 7.1 4.4 6.6#

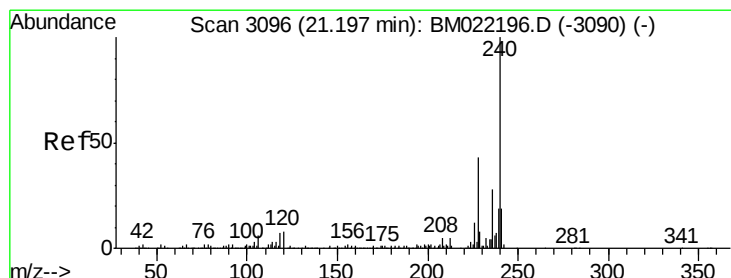
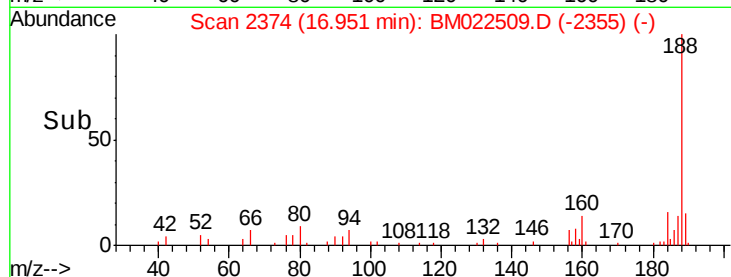
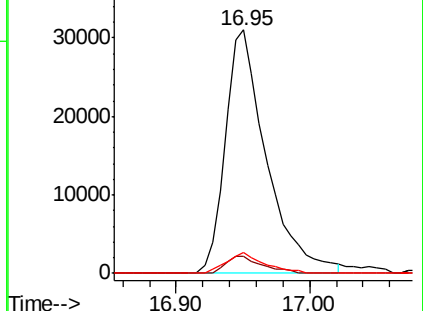
80 8.6 5.0 7.6#



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: 21.16 min Scan# 3090

Delta R.T. 0.01 min

Lab File: BM022509.D

Acq: 03 Sep 2019 18:57

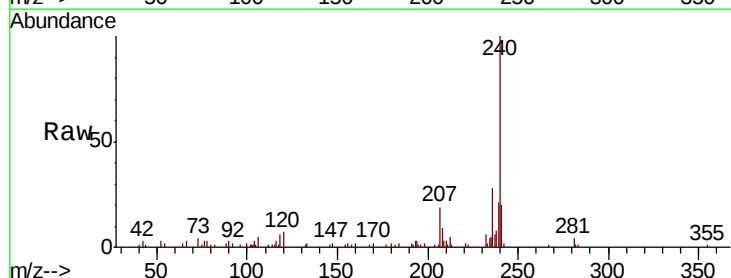
Tgt Ion:240 Resp: 74328

Ion Ratio Lower Upper

240 100

120 6.6 3.9 5.9#

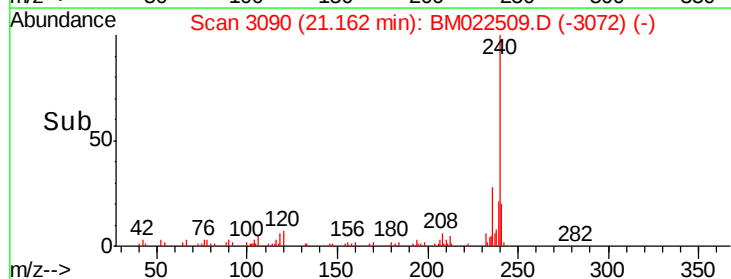
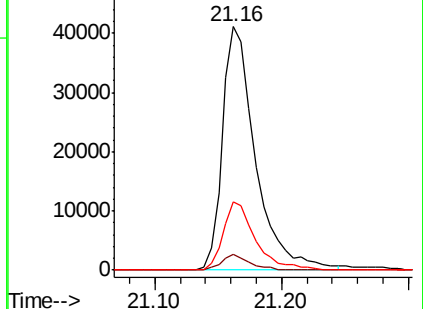
236 28.3 21.4 32.2

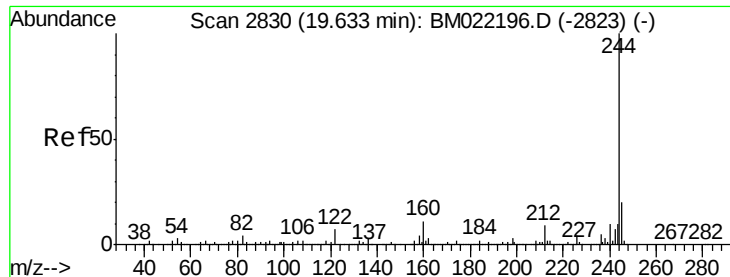


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 81.223 ng

RT: 19.58 min Scan# 2821

Delta R.T. -0.01 min

Lab File: BM022509.D

Acq: 03 Sep 2019 18:57

Instrument :

BNA_M

ClientSampled :

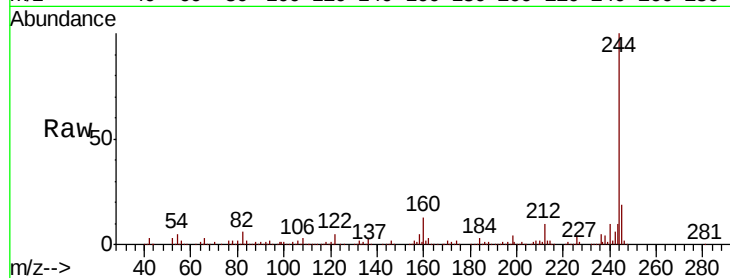
Tot Ion:244 Resp: 457444

Ion Ratio Lower Upper

244 100

212 9.7 7.0 10.4

122 5.5 3.9 5.9

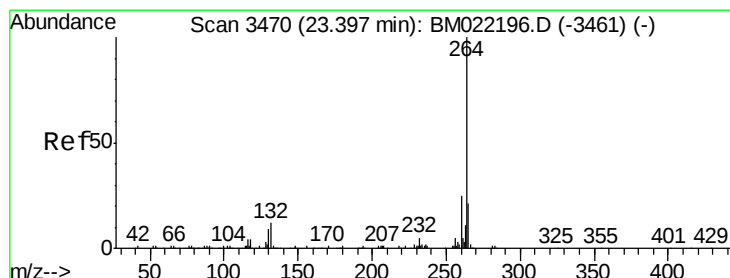
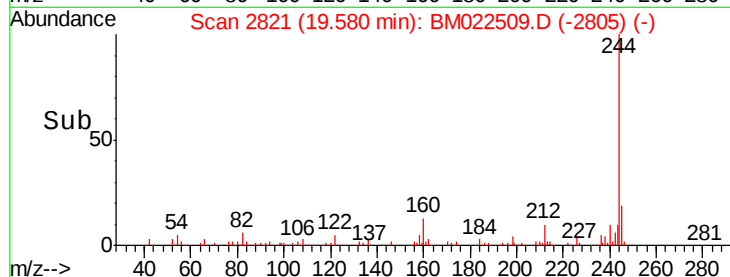
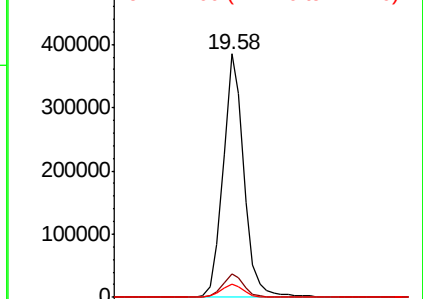


Abundance

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

Perylene-d12

Concen: 20.000 ng

RT: 23.34 min Scan# 3461

Delta R.T. -0.00 min

Lab File: BM022509.D

Acq: 03 Sep 2019 18:57

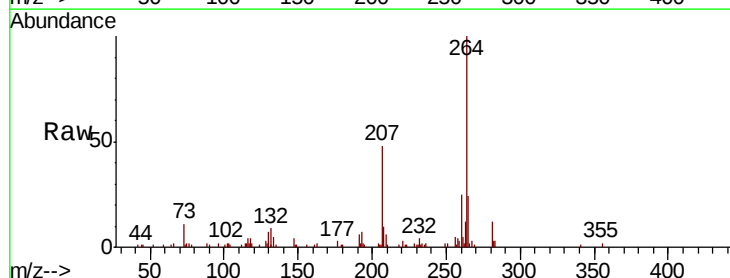
Tgt Ion:264 Resp: 88740

Ion Ratio Lower Upper

264 100

260 24.5 20.2 30.2

265 24.4 18.2 27.2



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

