

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM031219\
 Data File : BM019128.D
 Acq On : 13 Mar 2019 02:26
 Operator : JU/SJ
 Sample : K1846-12
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 TP-1-D

Quant Time: Mar 13 03:58:17 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM031119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 11 17:30:46 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	225278	20.00	ng	0.00
21) Naphthalene-d8	10.45	136	904588	20.00	ng	0.00
39) Acenaphthene-d10	14.32	164	578120	20.00	ng	0.00
64) Phenanthrene-d10	17.07	188	1412765	20.00	ng	0.00
76) Chrysene-d12	21.26	240	1552026	20.00	ng	-0.01
87) Perylene-d12	23.50	264	1487138	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	1624216	116.76	ng	0.00
7) Phenol-d6	6.84	99	1993840	97.99	ng	0.00
23) Nitrobenzene-d5	8.83	82	1706906	89.20	ng	0.00
42) 2,4,6-Tribromophenol	15.82	330	1288744	150.98	ng	0.00
45) 2-Fluorobiphenyl	12.93	172	3686874	82.95	ng	0.00
79) Terphenyl-d14	19.71	244	7441547	95.19	ng	0.00

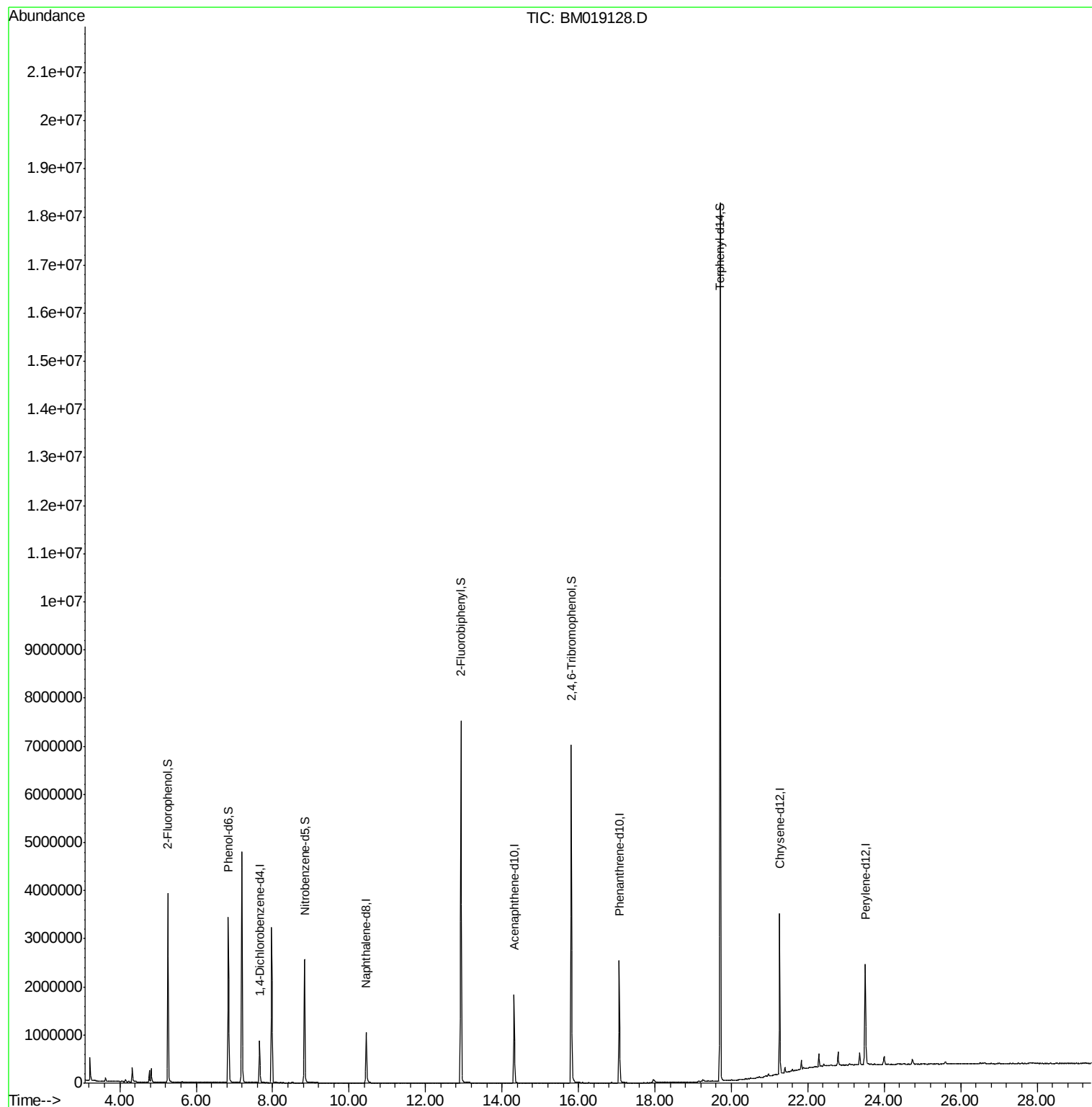
Target Compounds Qvalue

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

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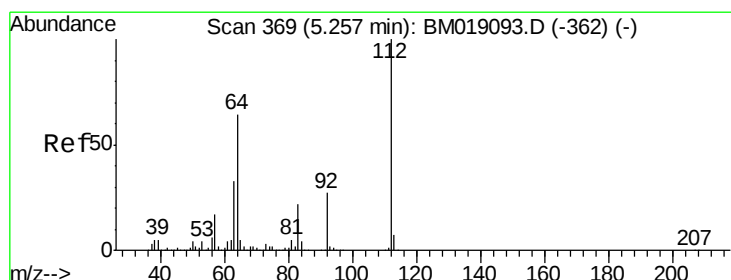
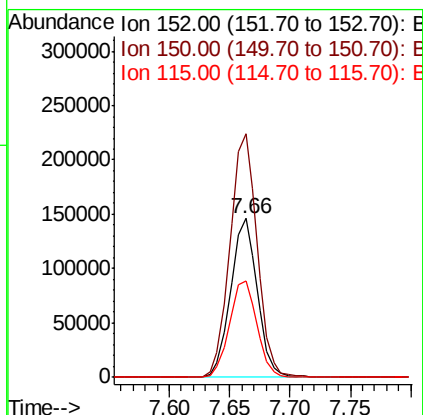
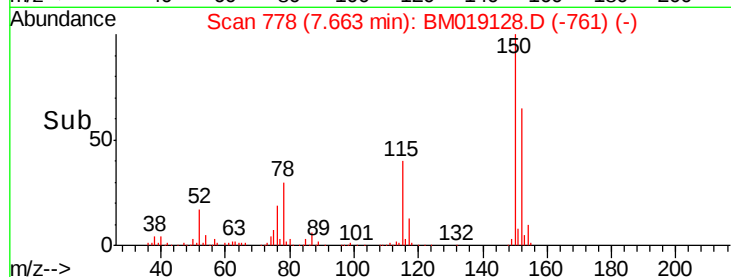
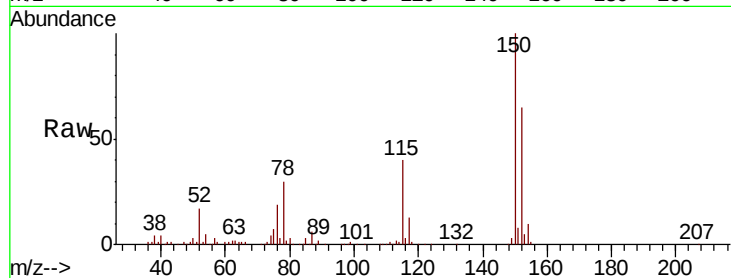


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.66 min Scan# 778
Delta R.T. 0.00 min
Lab File: BM019128.D
Acq: 13 Mar 2019 02:26

Instrument :
BNA_M
ClientSampleId :
TP-1-D

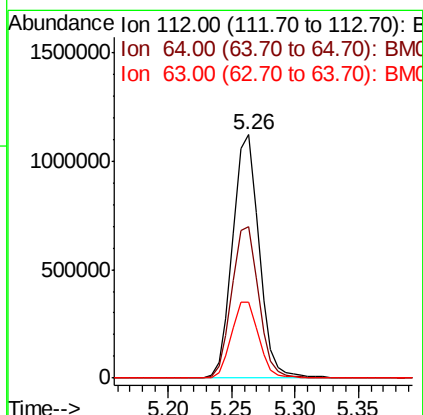
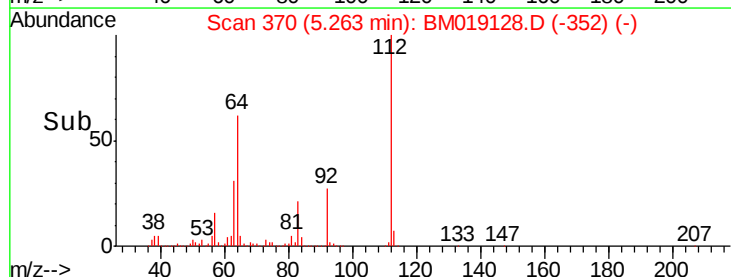
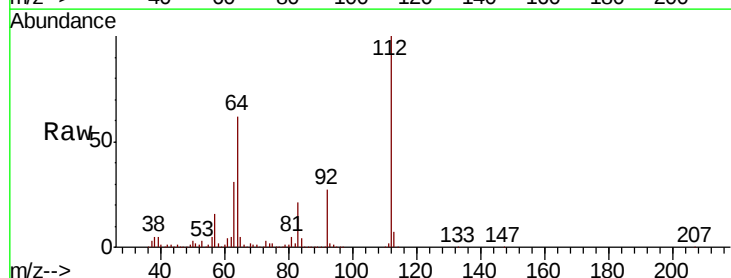
Tot Ion	Ratio	Lower	Upper
152	100		
150	153.5	125.3	187.9
115	60.7	49.4	74.0

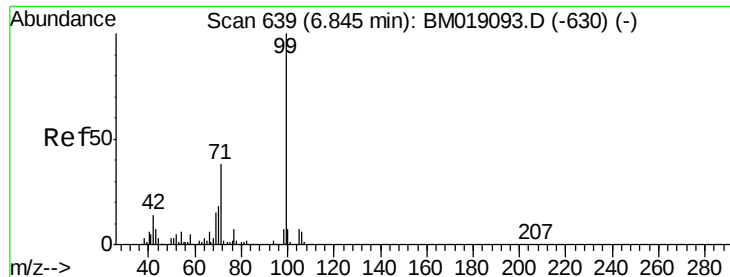


#5

2-Fluorophenol
Concen: 116.762 ng
RT: 5.26 min Scan# 370
Delta R.T. 0.01 min
Lab File: BM019128.D
Acq: 13 Mar 2019 02:26

Tgt Ion	Ratio	Lower	Upper
112	100		
64	62.3	51.4	77.0
63	31.2	26.6	40.0





#7

Phenol-d6

Concen: 97.992 ng

RT: 6.84 min Scan# 638

Delta R.T. -0.01 min

Lab File: BM019128.D

Acq: 13 Mar 2019 02:26

Instrument :

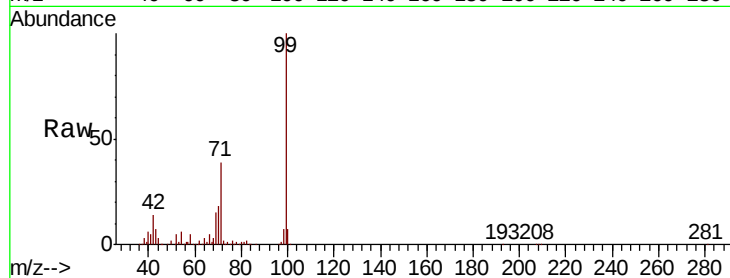
BNA_M

ClientSampleId :

TP-1-D

Tot Ion: 99 Resp: 1993840

Ion	Ratio	Lower	Upper
99	100		
42	14.4	10.9	16.3
71	38.8	30.3	45.5

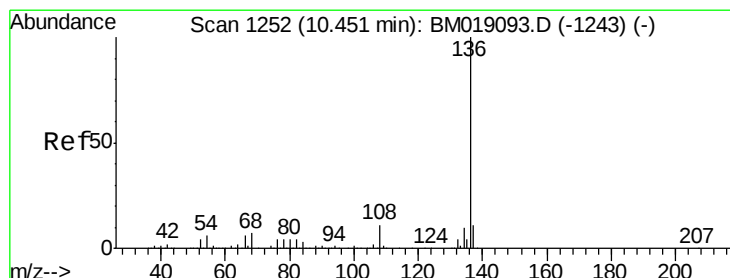
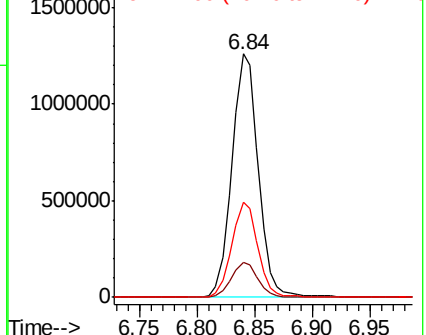
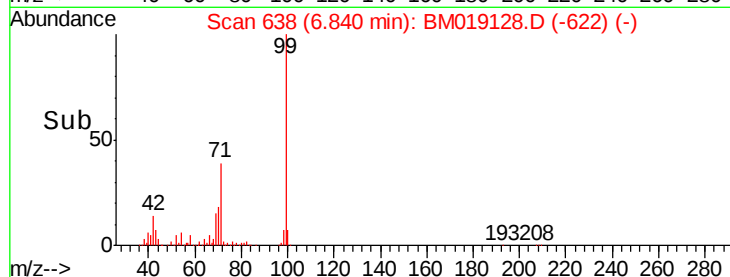


Abundance

Ion 99.00 (98.70 to 99.70): BM019128.D (-622) (-)

Ion 42.00 (41.70 to 42.70): BM019128.D (-622) (-)

Ion 71.00 (70.70 to 71.70): BM019128.D (-622) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.45 min Scan# 1251

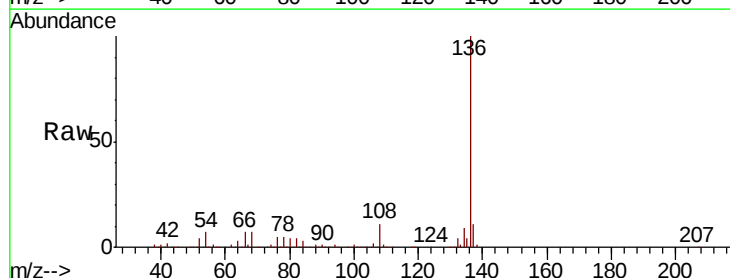
Delta R.T. -0.01 min

Lab File: BM019128.D

Acq: 13 Mar 2019 02:26

Tgt Ion: 136 Resp: 904588

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.6	13.0
54	7.0	5.2	7.8
68	7.0	5.8	8.8



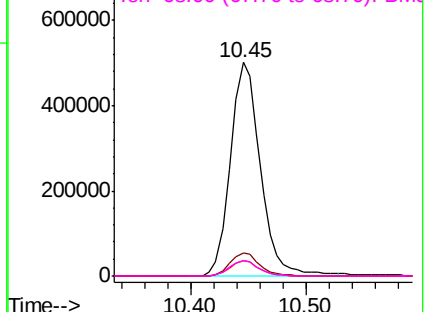
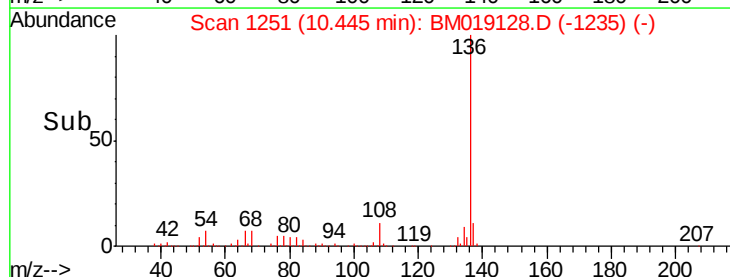
Abundance

Ion 136.00 (135.70 to 136.70): BM019128.D (-1235) (-)

Ion 137.00 (136.70 to 137.70): BM019128.D (-1235) (-)

Ion 54.00 (53.70 to 54.70): BM019128.D (-1235) (-)

Ion 68.00 (67.70 to 68.70): BM019128.D (-1235) (-)

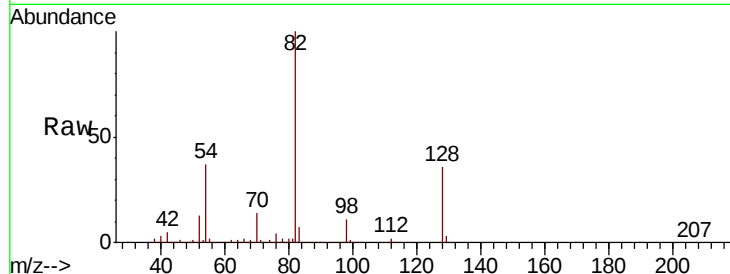




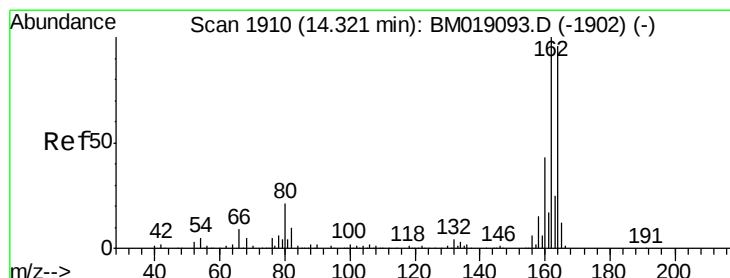
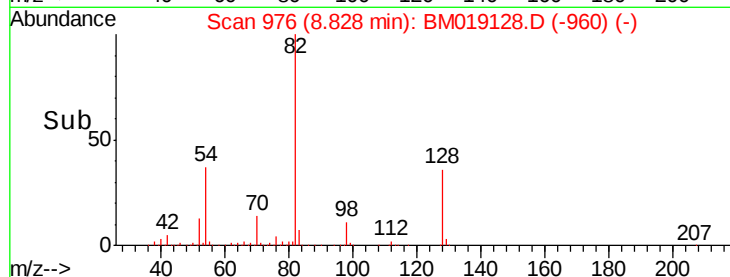
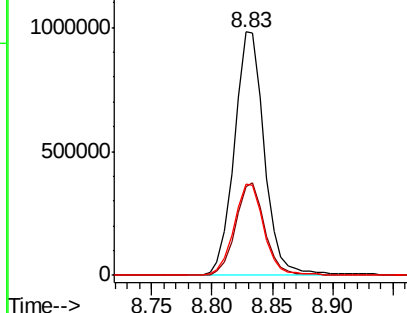
#23
Nitrobenzene-d5
Concen: 89.196 ng
RT: 8.83 min Scan# 976
Delta R.T. -0.01 min
Lab File: BM019128.D
Acq: 13 Mar 2019 02:26

Instrument :
BNA_M
ClientSampleID :
TP-1-D

Tot Ion: 82 Resp: 1706906
Ion Ratio Lower Upper
82 100
128 36.2 29.4 44.2
54 37.4 29.9 44.9

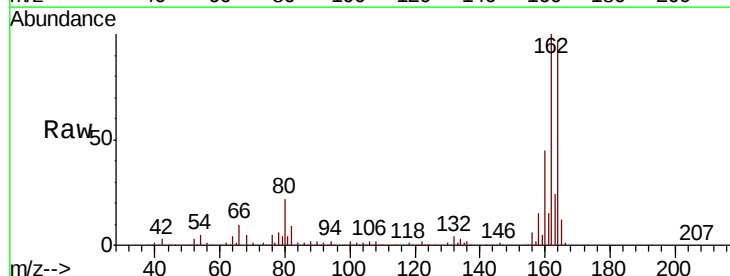


Abundance Ion 82.00 (81.70 to 82.70): BM019128.D (-960) (-)
Ion 128.00 (127.70 to 128.70): BM019128.D (-960) (-)
Ion 54.00 (53.70 to 54.70): BM019128.D (-960) (-)

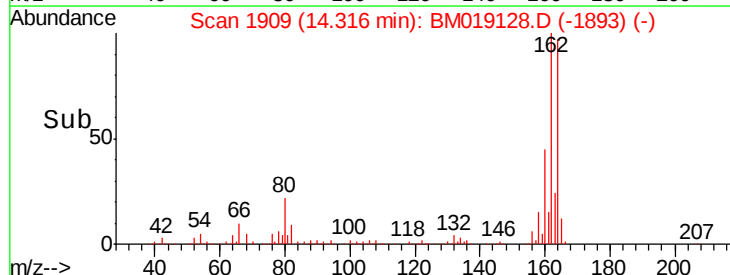
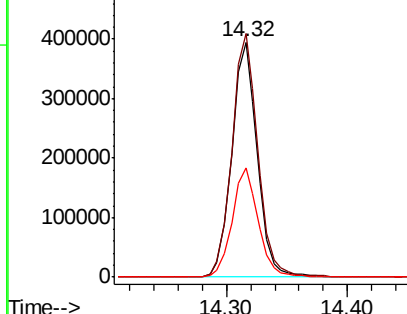


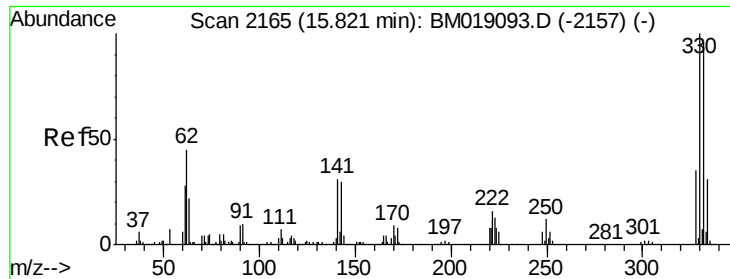
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.32 min Scan# 1909
Delta R.T. -0.01 min
Lab File: BM019128.D
Acq: 13 Mar 2019 02:26

Tgt Ion:164 Resp: 578120
Ion Ratio Lower Upper
164 100
162 103.6 83.5 125.3
160 46.5 36.3 54.5



Abundance Ion 164.00 (163.70 to 164.70): BM019128.D (-1893) (-)
Ion 162.00 (161.70 to 162.70): BM019128.D (-1893) (-)
Ion 160.00 (159.70 to 160.70): BM019128.D (-1893) (-)

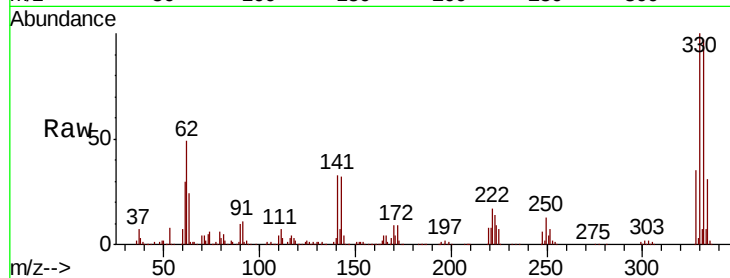




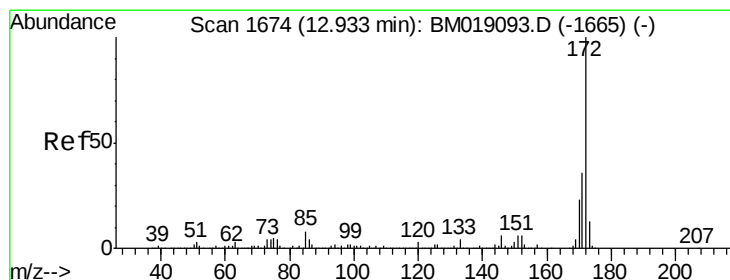
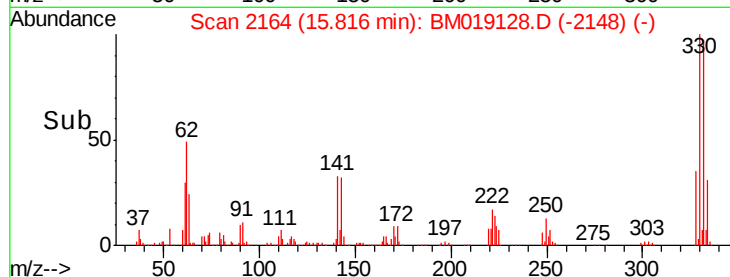
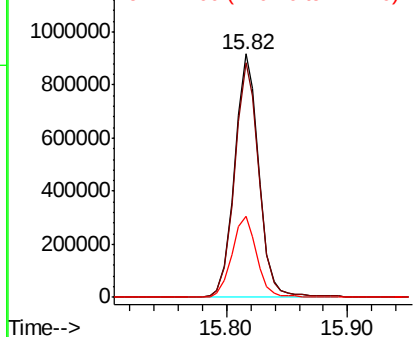
#42
 2,4,6-Tribromophenol
 Concen: 150.982 ng
 RT: 15.82 min Scan# 2164
 Delta R.T. -0.01 min
 Lab File: BM019128.D
 Acq: 13 Mar 2019 02:26

Instrument :
 BNA_M
 ClientSampleId :
 TP-1-D

Tot Ion:330 Resp: 1288744
 Ion Ratio Lower Upper
 330 100
 332 96.3 76.8 115.2
 141 34.0 27.0 40.4

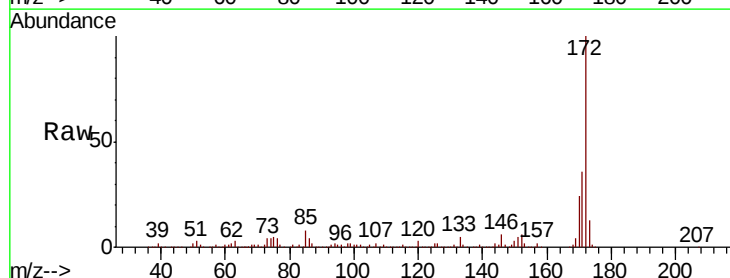


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

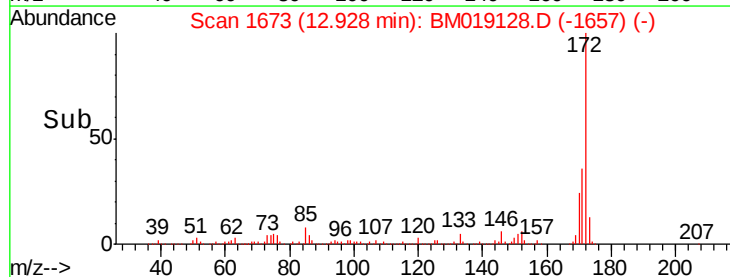
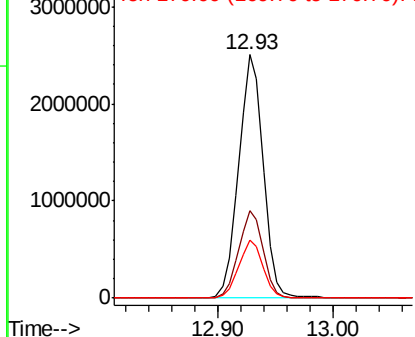


#45
 2-Fluorobiphenyl
 Concen: 82.954 ng
 RT: 12.93 min Scan# 1673
 Delta R.T. -0.01 min
 Lab File: BM019128.D
 Acq: 13 Mar 2019 02:26

Tgt Ion:172 Resp: 3686874
 Ion Ratio Lower Upper
 172 100
 171 36.1 28.6 42.8
 170 23.9 18.6 28.0



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

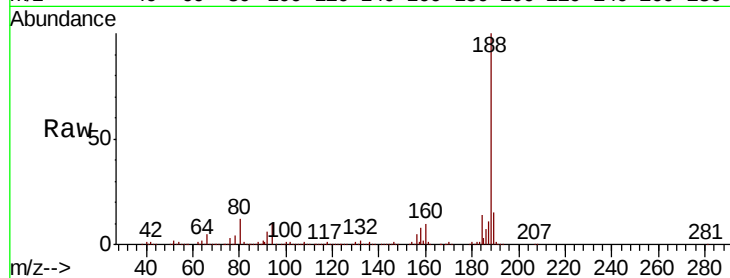




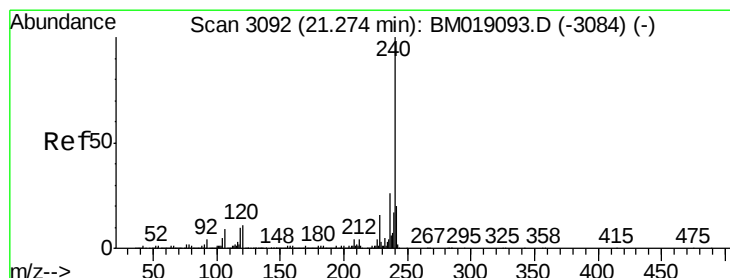
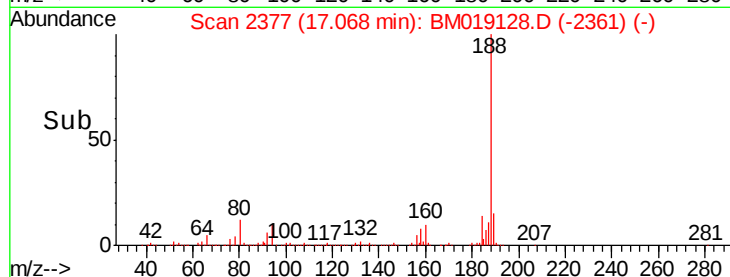
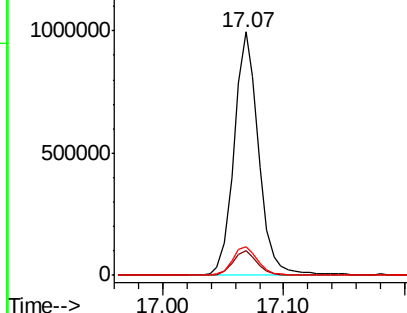
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.07 min Scan# 2377
Delta R.T. -0.01 min
Lab File: BM019128.D
Acq: 13 Mar 2019 02:26

Instrument :
BNA_M
ClientSampled :
TP-1-D

Tot Ion:188 Resp: 1412765
Ion Ratio Lower Upper
188 100
94 9.9 8.1 12.1
80 11.9 9.7 14.5

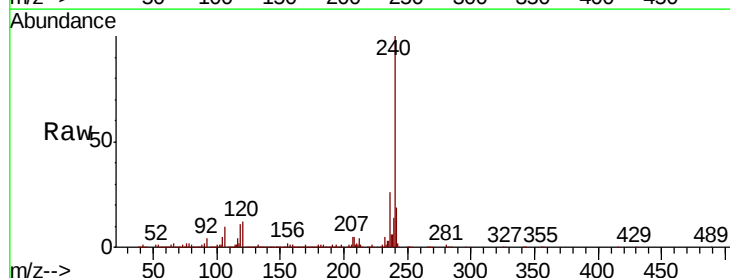


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BM
Ion 80.00 (79.70 to 80.70): BM

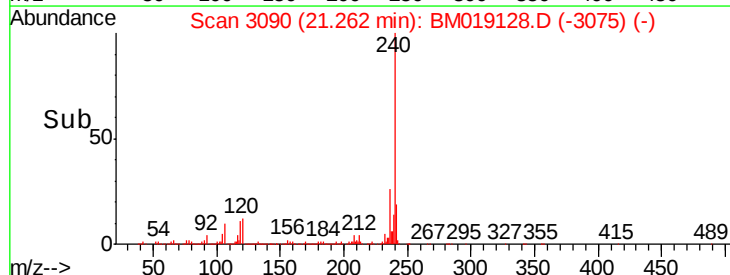
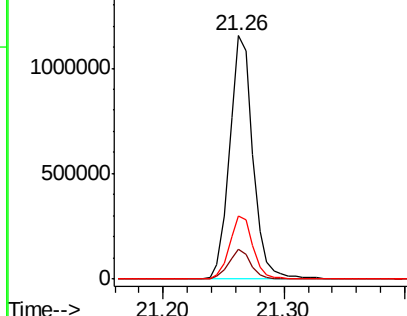


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.26 min Scan# 3090
Delta R.T. -0.01 min
Lab File: BM019128.D
Acq: 13 Mar 2019 02:26

Tgt Ion:240 Resp: 1552026
Ion Ratio Lower Upper
240 100
120 12.0 8.9 13.3
236 25.9 21.0 31.4



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: 95.186 ng

RT: 19.71 min Scan# 2826

Delta R.T. 0.00 min

Lab File: BM019128.D

Acq: 13 Mar 2019 02:26

Instrument :

BNA_M

ClientSampleId :

TP-1-D

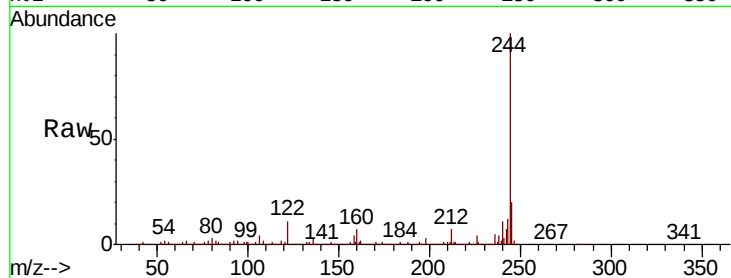
Tot Ion:244 Resp: 7441547

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.2

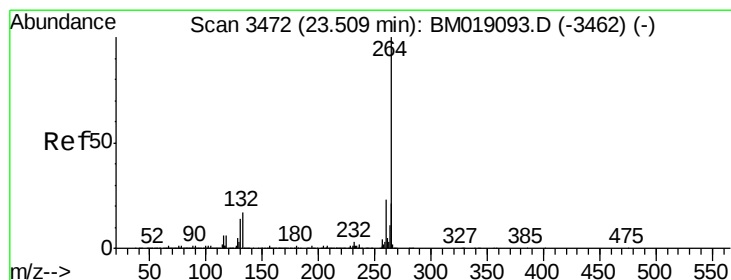
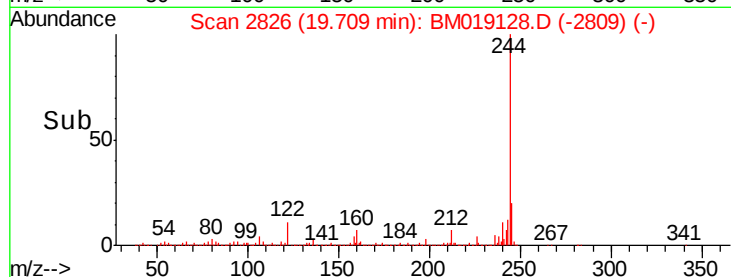
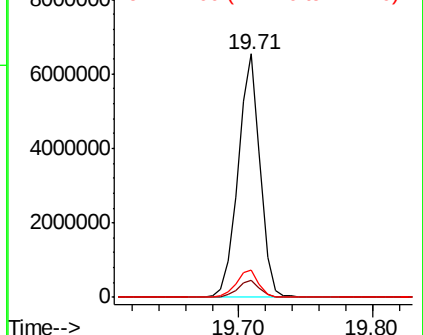
122 11.2 9.4 14.2



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: 23.50 min Scan# 3471

Delta R.T. -0.01 min

Lab File: BM019128.D

Acq: 13 Mar 2019 02:26

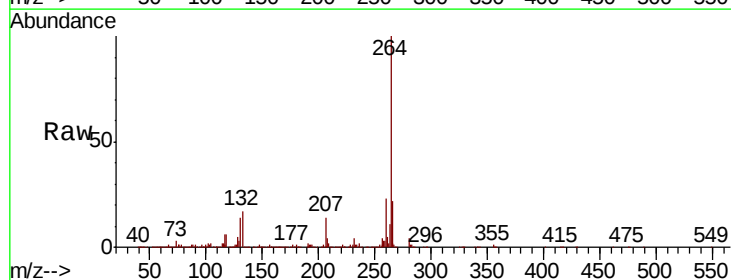
Tgt Ion:264 Resp: 1487138

Ion Ratio Lower Upper

264 100

260 23.4 18.6 28.0

265 21.8 17.3 25.9



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

