

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM041919\
 Data File : BM019993.D
 Acq On : 20 Apr 2019 05:29
 Operator : JU/SJ
 Sample : K2202-04
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SA-06-041819-B

Quant Time: Apr 21 22:07:49 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM041519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 19 00:56:08 2019
 Response via : Initial Calibration

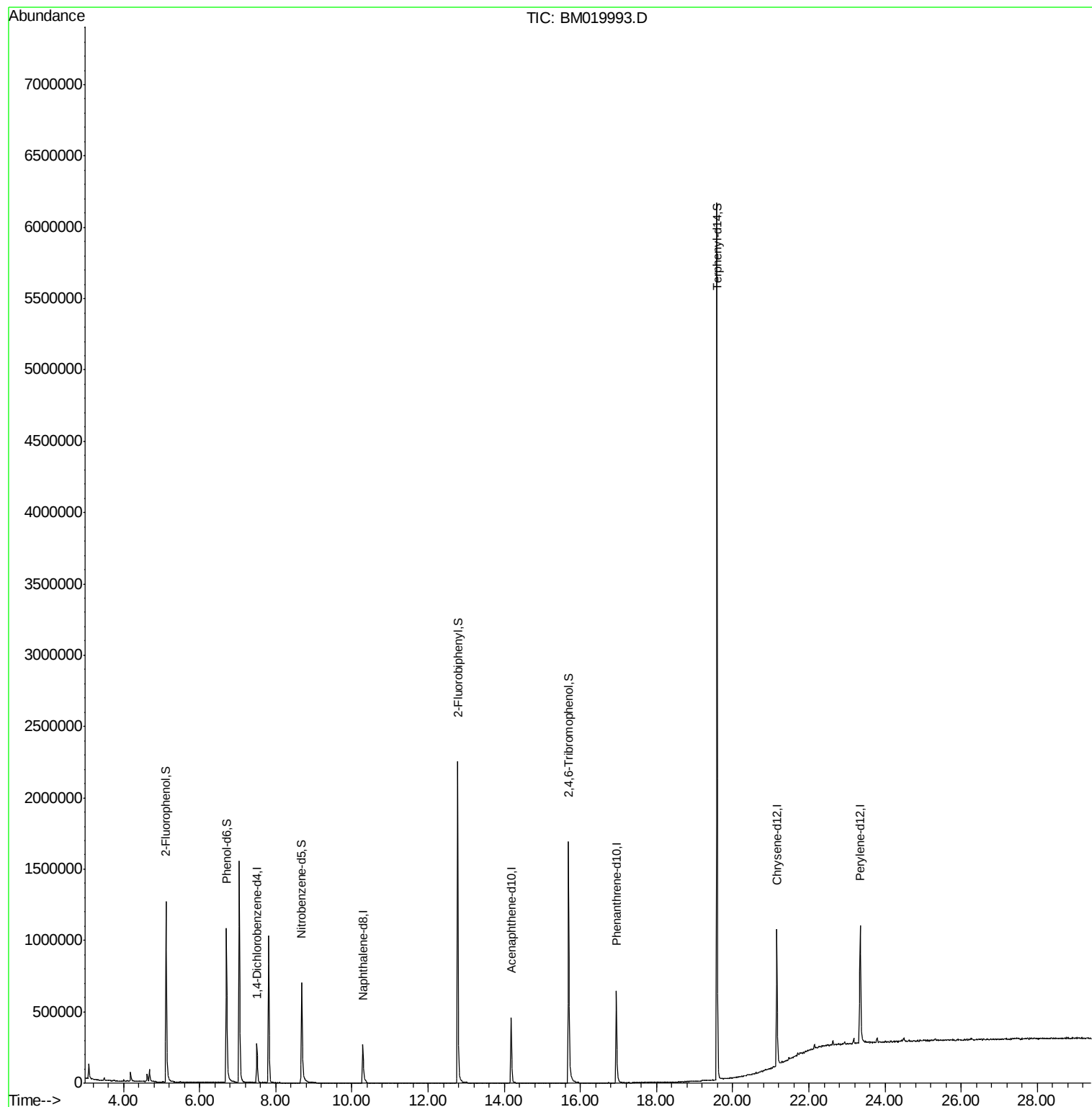
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.51	152	72847	20.00	ng	0.00
21) Naphthalene-d8	10.29	136	284245	20.00	ng	0.00
39) Acenaphthene-d10	14.18	164	177460	20.00	ng	0.00
64) Phenanthrene-d10	16.94	188	427897	20.00	ng	0.00
76) Chrysene-d12	21.16	240	497616	20.00	ng	0.00
87) Perylene-d12	23.34	264	651451	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.12	112	581432	129.35	ng	0.00
7) Phenol-d6	6.70	99	703870	104.05	ng	0.00
23) Nitrobenzene-d5	8.68	82	550132	86.55	ng	0.00
42) 2,4,6-Tribromophenol	15.69	330	386475	135.29	ng	0.00
45) 2-Fluorobiphenyl	12.78	172	1196340	84.01	ng	0.00
79) Terphenyl-d14	19.59	244	2572265	91.18	ng	0.00
Target Compounds						
9) Benzaldehyde	6.70	77	1791	Below Cal	Qvalue #	7

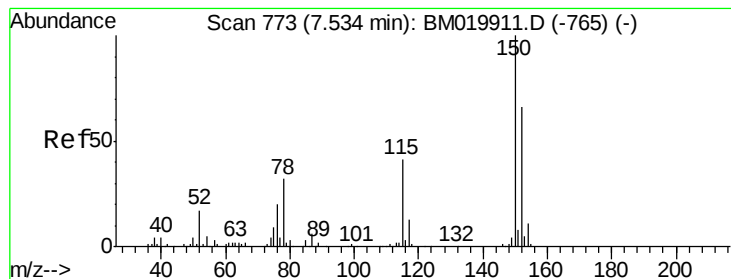
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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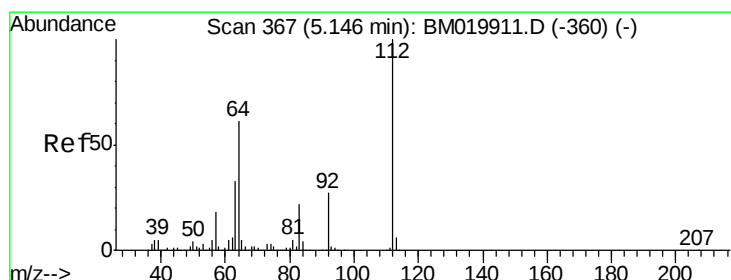
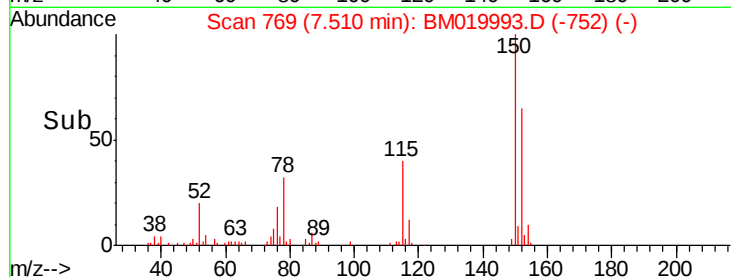
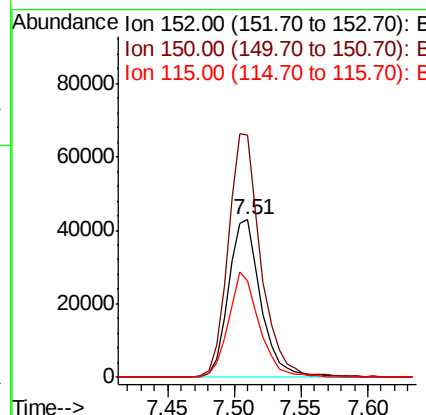
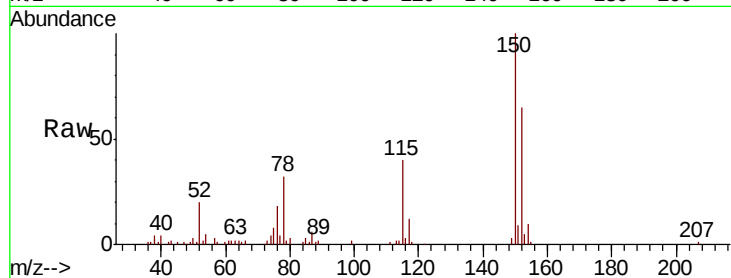




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.51 min Scan# 769
 Delta R.T. -0.00 min
 Lab File: BM019993.D
 Acq: 20 Apr 2019 05:29

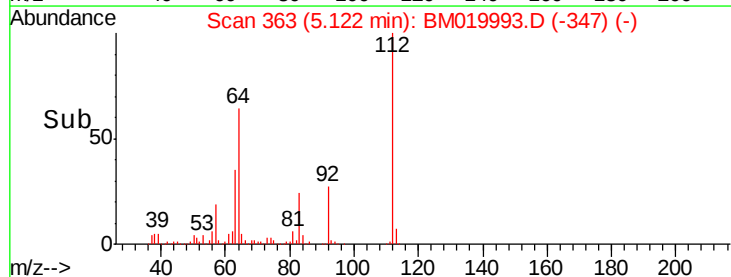
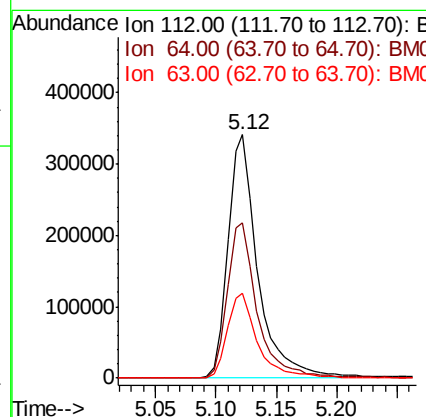
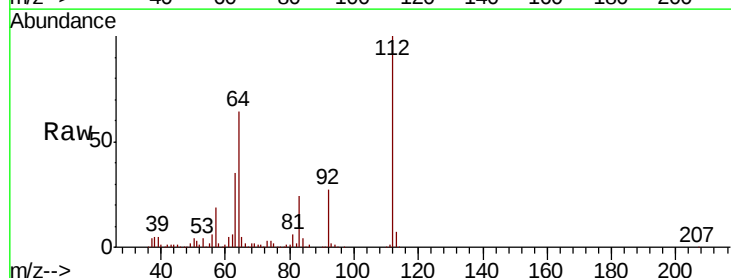
Instrument :
 BNA_M
 ClientSampleId :
 SA-06-041819-B

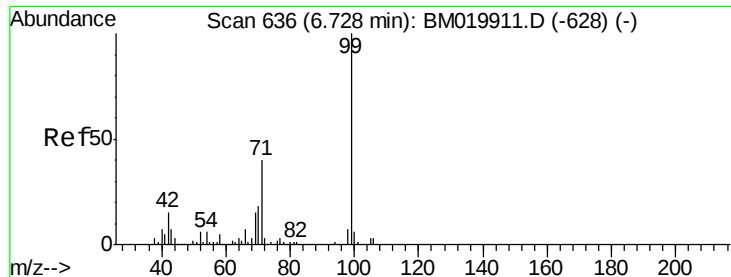
Tgt Ion	Ratio	Lower	Upper
152	100		
150	153.3	122.1	183.1
115	61.1	50.0	75.0



#5
 2-Fluorophenol
 Concen: 129.353 ng
 RT: 5.12 min Scan# 363
 Delta R.T. -0.01 min
 Lab File: BM019993.D
 Acq: 20 Apr 2019 05:29

Tgt Ion	Ratio	Lower	Upper
112	100		
64	63.9	49.1	73.7
63	35.0	26.5	39.7





#7

Phenol-d6

Concen: 104.049 ng

RT: 6.70 min Scan# 632

Delta R.T. -0.01 min

Lab File: BM019993.D

Acq: 20 Apr 2019 05:29

Instrument :

BNA_M

ClientSampleId :

SA-06-041819-B

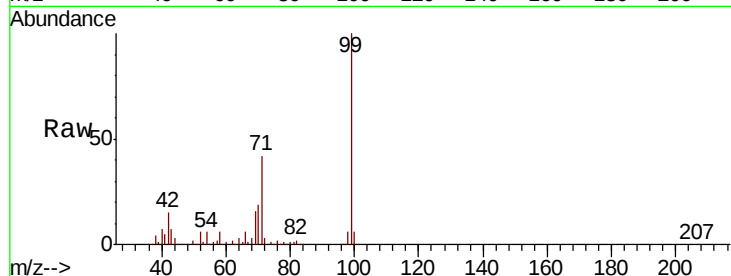
Tgt Ion: 99 Resp: 703870

Ion Ratio Lower Upper

99 100

42 15.4 11.8 17.8

71 42.0 32.0 48.0

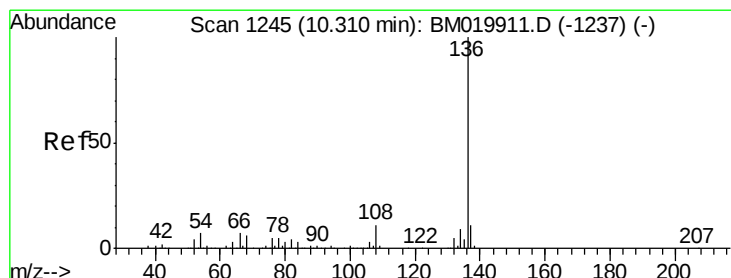
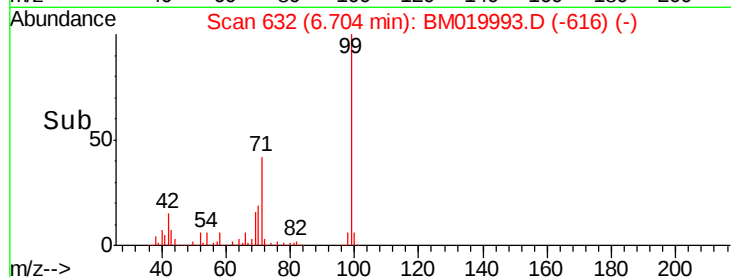
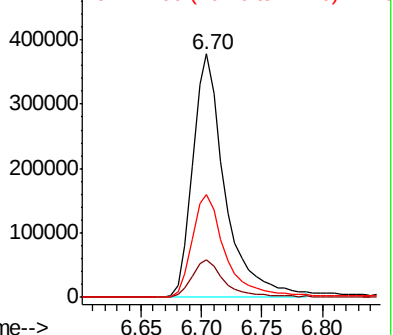


Abundance

Ion 99.00 (98.70 to 99.70): BM019993.D (-616) (-)

Ion 42.00 (41.70 to 42.70): BM019993.D (-616) (-)

Ion 71.00 (70.70 to 71.70): BM019993.D (-616) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.29 min Scan# 1241

Delta R.T. -0.00 min

Lab File: BM019993.D

Acq: 20 Apr 2019 05:29

Tgt Ion: 136 Resp: 284245

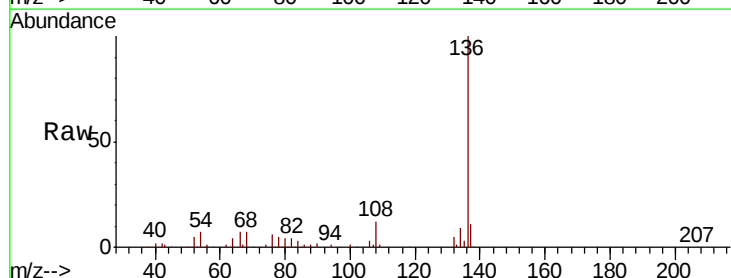
Ion Ratio Lower Upper

136 100

137 11.5 9.0 13.6

54 7.1 5.3 7.9

68 6.9 5.2 7.8



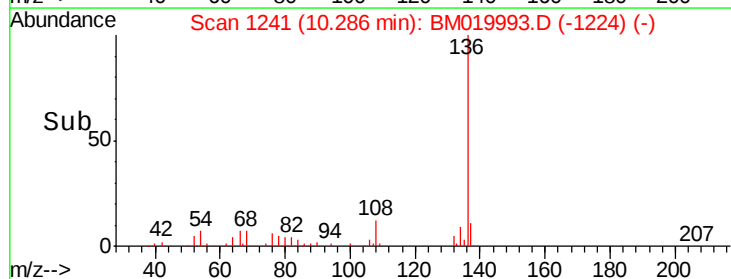
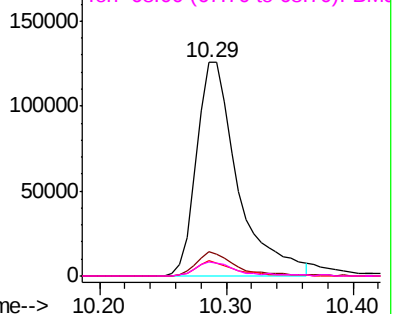
Abundance

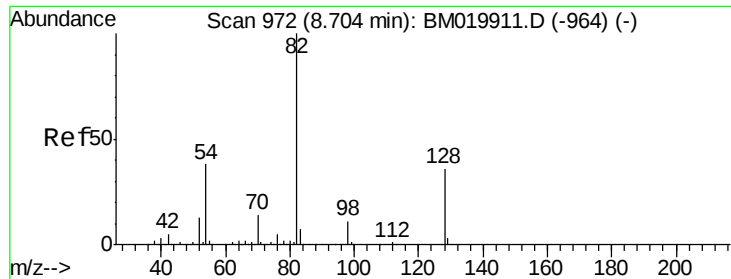
Ion 136.00 (135.70 to 136.70): BM019993.D (-1224) (-)

Ion 137.00 (136.70 to 137.70): BM019993.D (-1224) (-)

Ion 54.00 (53.70 to 54.70): BM019993.D (-1224) (-)

Ion 68.00 (67.70 to 68.70): BM019993.D (-1224) (-)

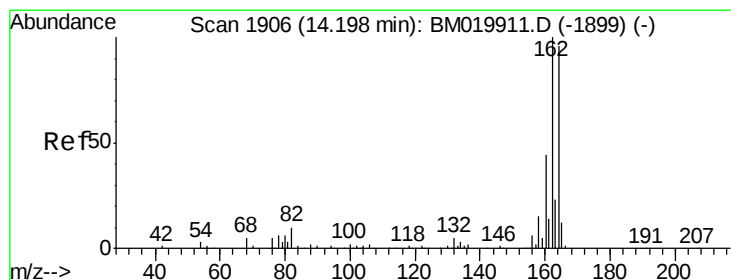
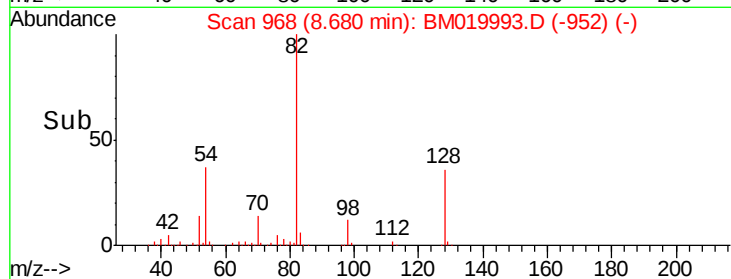
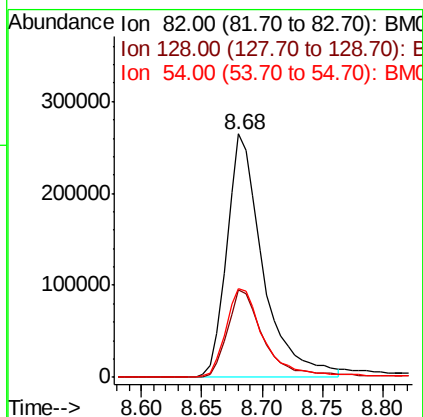
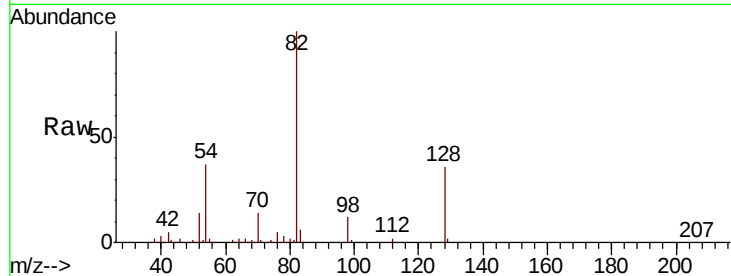




#23
 Nitrobenzene-d5
 Concen: 86.554 ng
 RT: 8.68 min Scan# 968
 Delta R.T. -0.01 min
 Lab File: BM019993.D
 Acq: 20 Apr 2019 05:29

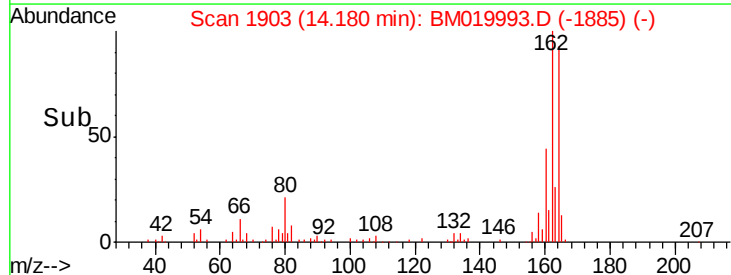
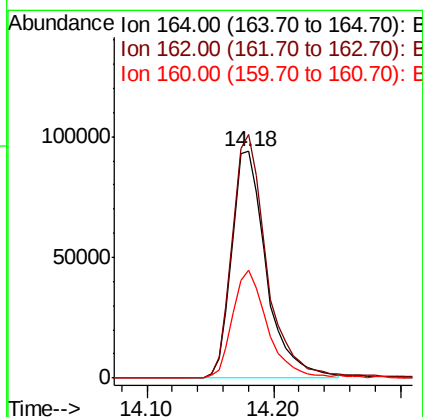
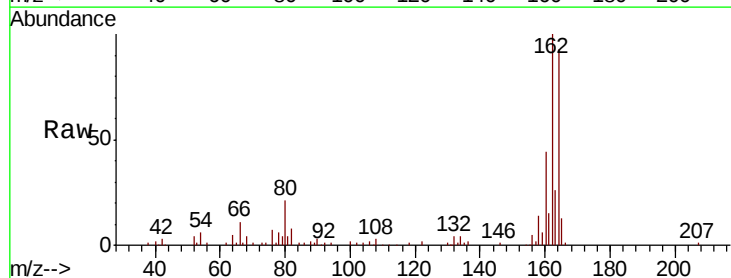
Instrument :
 BNA_M
 ClientSampled :
 SA-06-041819-B

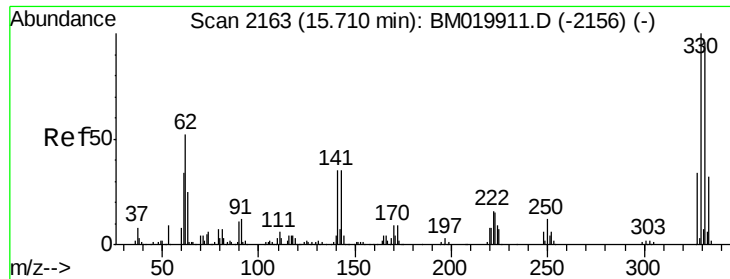
Tgt Ion	Ratio	Lower	Upper
82	100		
128	36.1	29.0	43.4
54	36.7	30.2	45.4



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.18 min Scan# 1903
 Delta R.T. 0.01 min
 Lab File: BM019993.D
 Acq: 20 Apr 2019 05:29

Tgt Ion	Ratio	Lower	Upper
164	100		
162	107.3	83.0	124.4
160	47.5	36.6	55.0

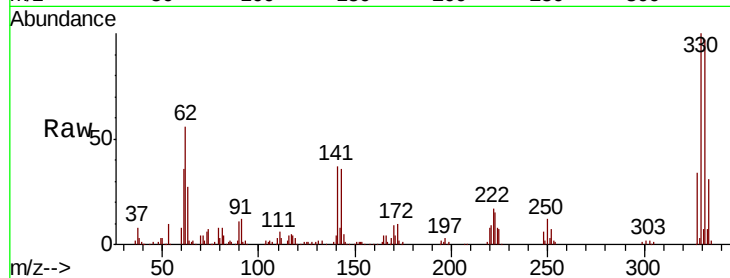




#42
 2,4,6-Tribromophenol
 Concen: 135.291 ng
 RT: 15.69 min Scan# 2160
 Delta R.T. -0.00 min
 Lab File: BM019993.D
 Acq: 20 Apr 2019 05:29

Instrument :
 BNA_M
 ClientSampleId :
 SA-06-041819-B

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.9	77.4	116.2
141	39.2	29.0	43.4

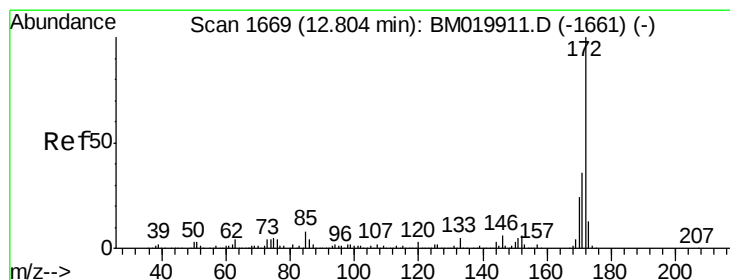
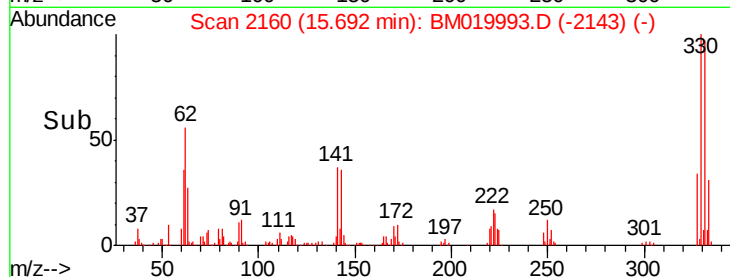
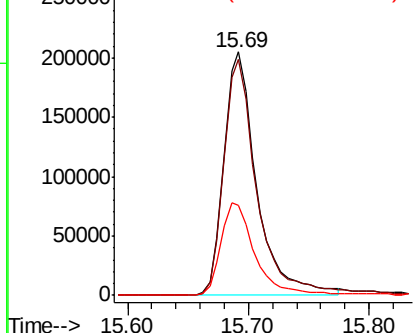


Abundance

Ion 329.80 (329.50 to 330.50): E

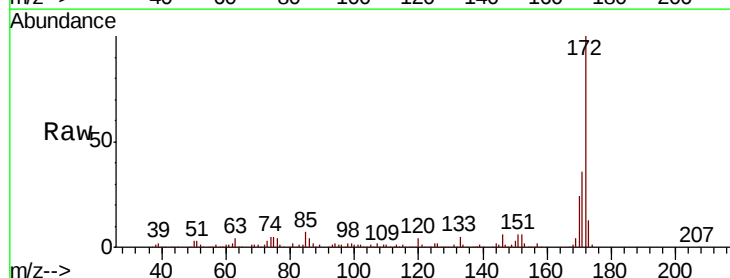
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 84.014 ng
 RT: 12.78 min Scan# 1665
 Delta R.T. -0.01 min
 Lab File: BM019993.D
 Acq: 20 Apr 2019 05:29

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.5	28.9	43.3
170	24.1	19.0	28.4

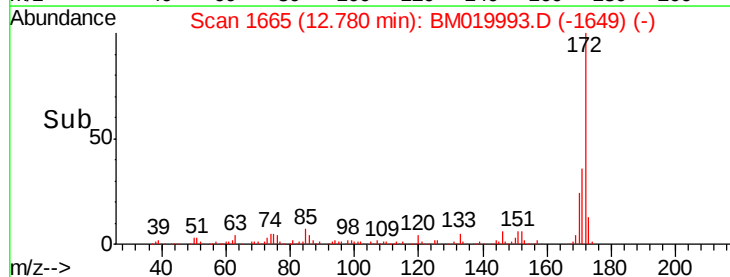
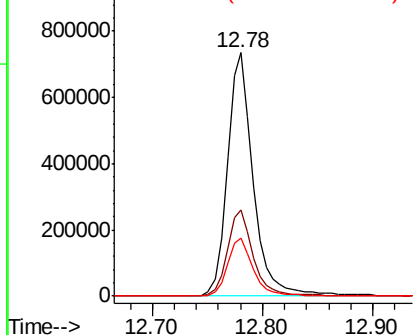


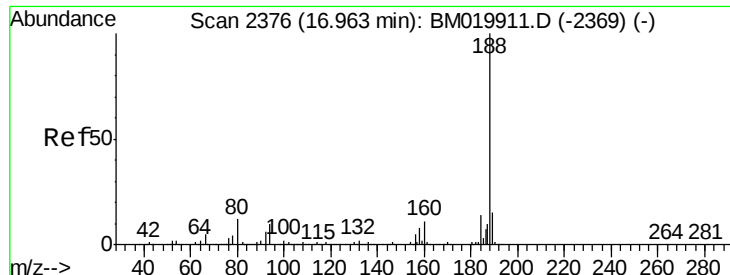
Abundance

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

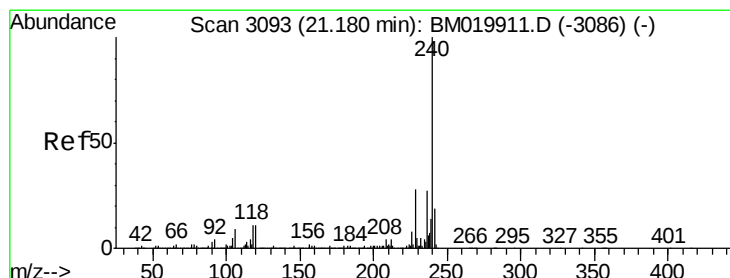
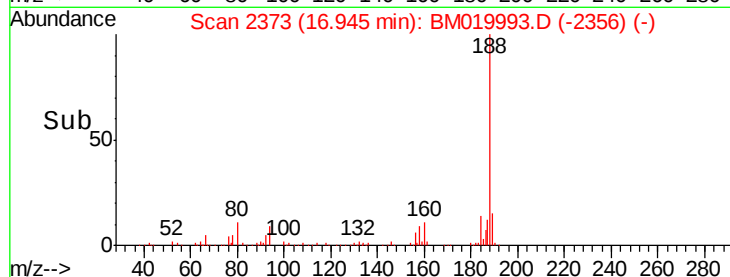
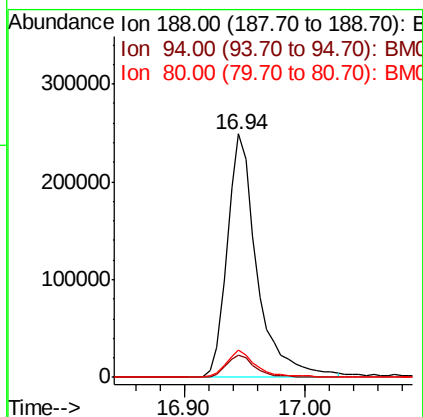
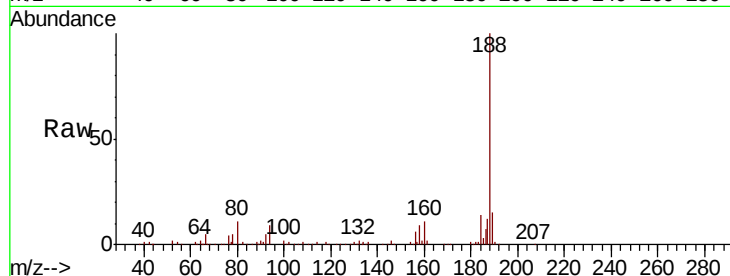




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.94 min Scan# 2373
Delta R.T. -0.00 min
Lab File: BM019993.D
Acq: 20 Apr 2019 05:29

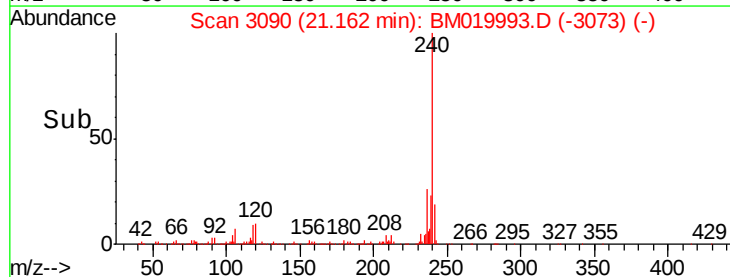
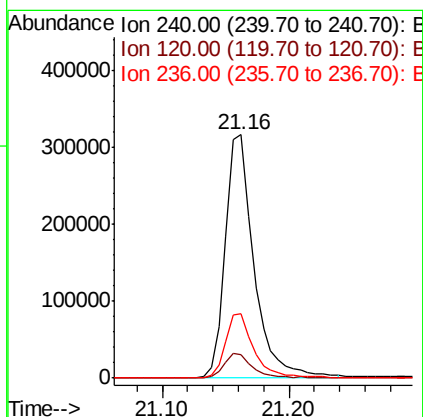
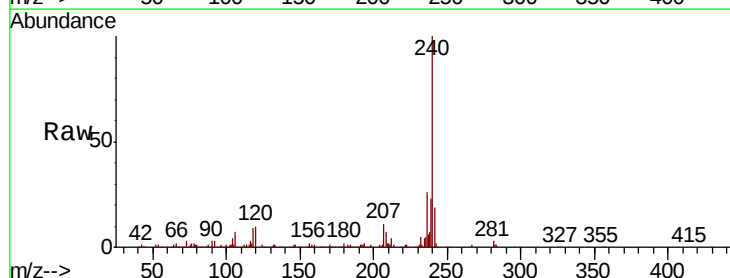
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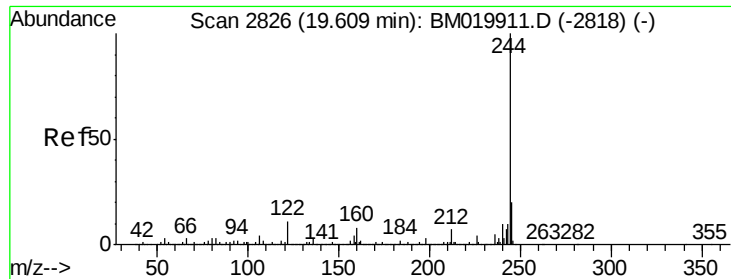
Tgt Ion:188 Resp: 427897
Ion Ratio Lower Upper
188 100
94 9.3 7.6 11.4
80 11.1 9.4 14.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.16 min Scan# 3090
Delta R.T. -0.00 min
Lab File: BM019993.D
Acq: 20 Apr 2019 05:29

Tgt Ion:240 Resp: 497616
Ion Ratio Lower Upper
240 100
120 9.8 8.6 13.0
236 26.3 21.4 32.2





#79

Terphenyl-d14

Concen: 91.175 ng

RT: 19.59 min Scan# 2822

Delta R.T. -0.01 min

Lab File: BM019993.D

Acq: 20 Apr 2019 05:29

Instrument :

BNA_M

ClientSampleId :

SA-06-041819-B

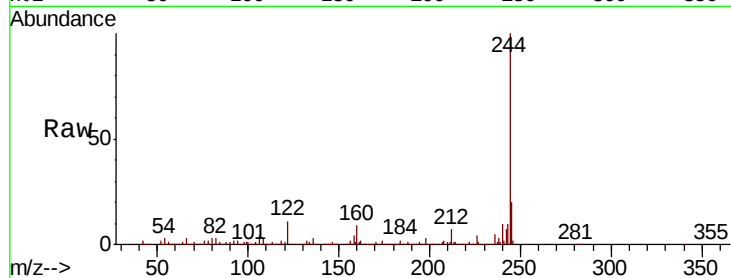
Tgt Ion:244 Resp: 2572265

Ion Ratio Lower Upper

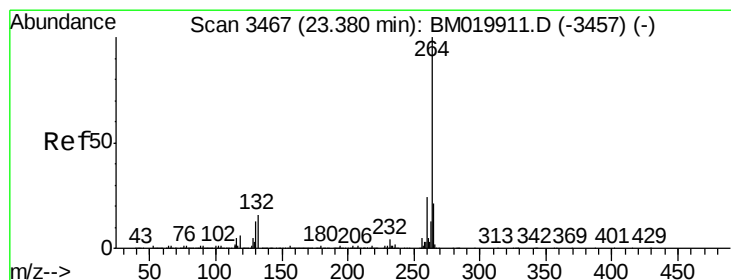
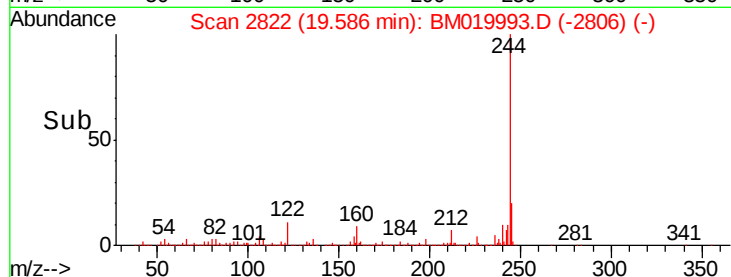
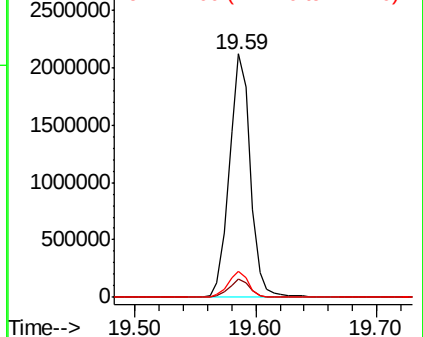
244 100

212 7.4 5.7 8.5

122 10.8 9.1 13.7



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. -0.01 min

Lab File: BM019993.D

Acq: 20 Apr 2019 05:29

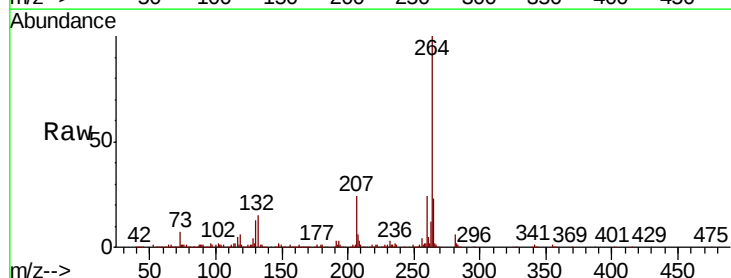
Tgt Ion:264 Resp: 651451

Ion Ratio Lower Upper

264 100

260 24.4 19.2 28.8

265 22.6 17.2 25.8



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

