

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM120618\
 Data File : BM017941.D
 Acq On : 05 Dec 2018 18:49
 Operator : JU/SJ
 Sample : J6201-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 72-11932-72-11967

Quant Time: Dec 06 00:18:30 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM111218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 12 18:37:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.57	152	174377	20.00	ng	-0.05
21) Naphthalene-d8	10.33	136	625920	20.00	ng	-0.05
39) Acenaphthene-d10	14.22	164	330501	20.00	ng	-0.05
64) Phenanthrene-d10	16.97	188	680783	20.00	ng	-0.04
76) Chrysene-d12	21.18	240	705498	20.00	ng	-0.04
87) Perylene-d12	23.36	264	727298	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.20	112	916980	88.75	ng	-0.04
7) Phenol-d6	6.76	99	980292	67.93	ng	-0.05
23) Nitrobenzene-d5	8.72	82	863513	71.22	ng	-0.05
42) 2,4,6-Tribromophenol	15.72	330	524437	110.43	ng	-0.04
45) 2-Fluorobiphenyl	12.83	172	1850629	72.64	ng	-0.05
79) Terphenyl-d14	19.62	244	2573460	82.67	ng	-0.04

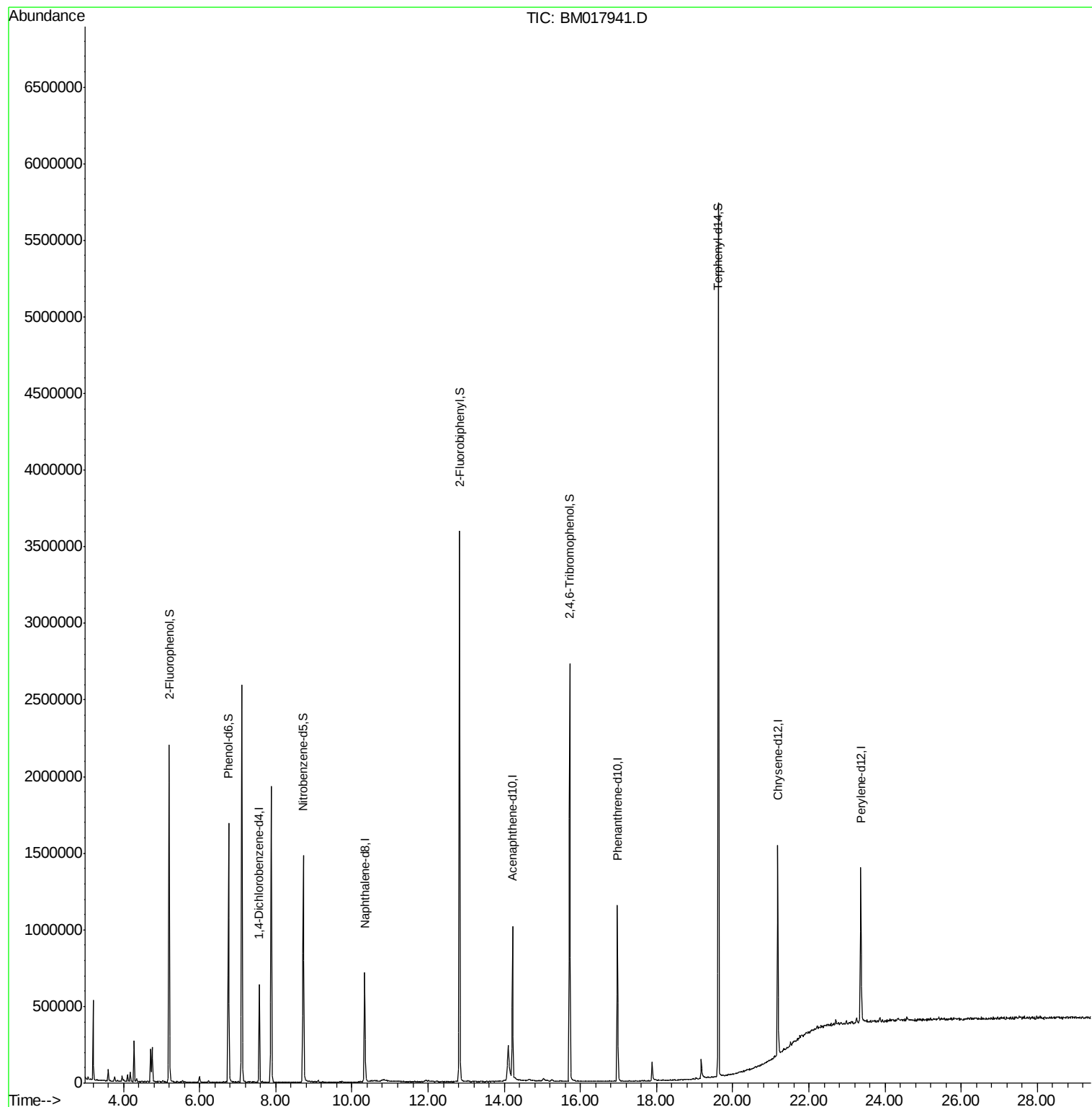
Target Compounds Qvalue

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

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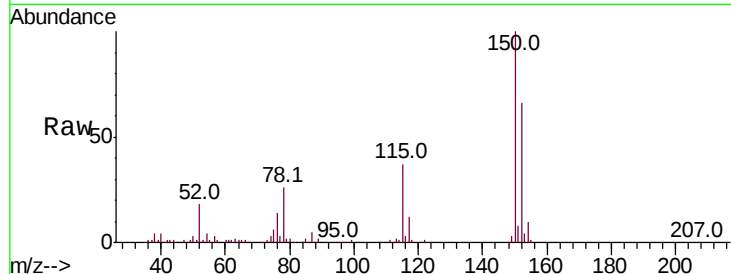


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.57 min Scan# 779
Delta R.T. -0.05 min
Lab File: BM017941.D
Acq: 05 Dec 2018 18:49

Instrument :
BNA_M
ClientSampleId :
72-11932-72-11967

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.6	126.4	189.6
115	56.9	49.4	74.0

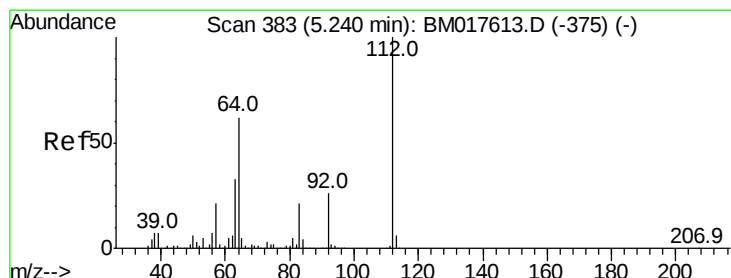
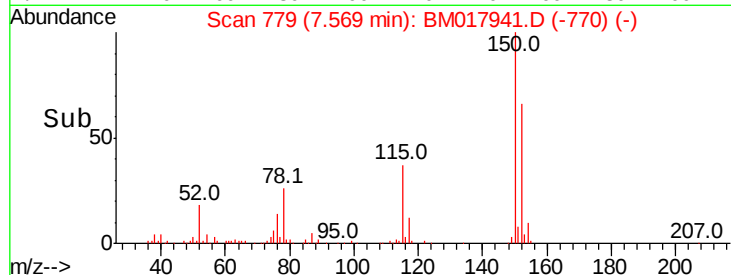
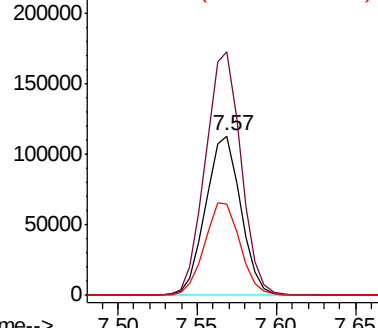


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

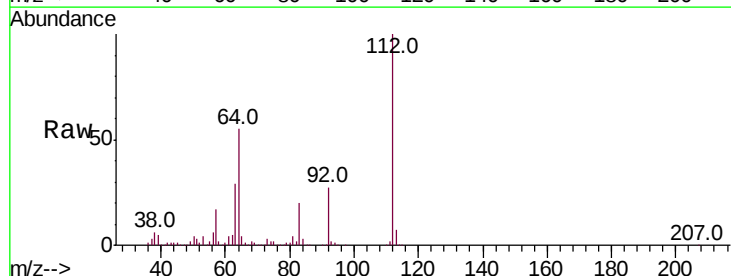
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 88.747 ng
RT: 5.20 min Scan# 376
Delta R.T. -0.04 min
Lab File: BM017941.D
Acq: 05 Dec 2018 18:49

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.5	49.3	73.9
63	28.6	26.2	39.4

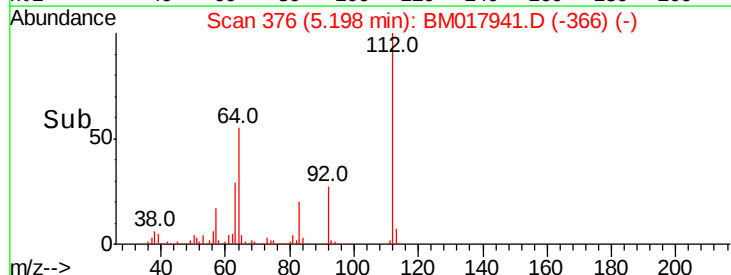
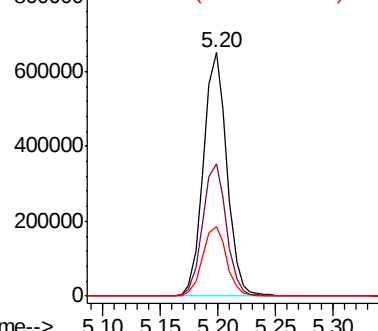


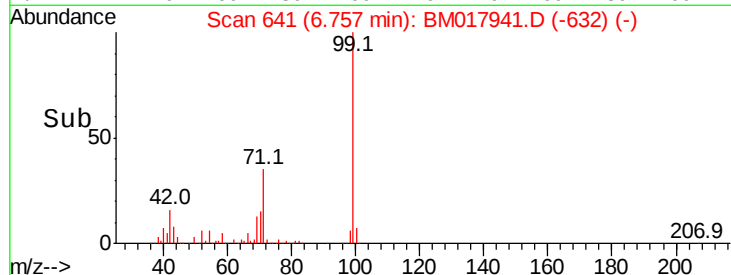
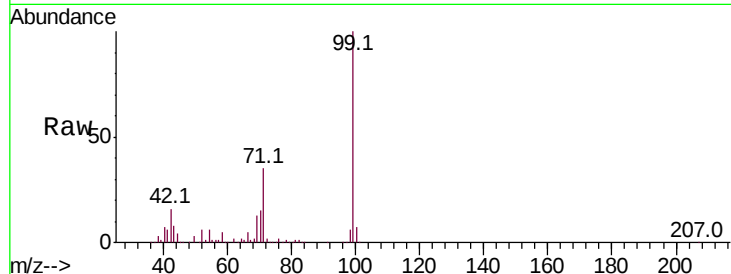
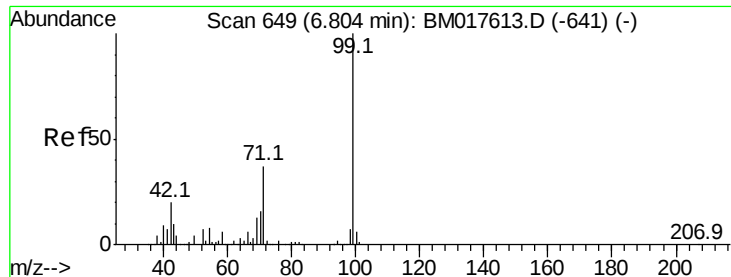
Abundance

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: 67.930 ng

RT: 6.76 min Scan# 641

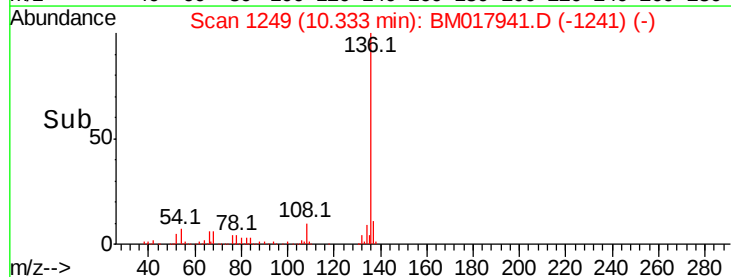
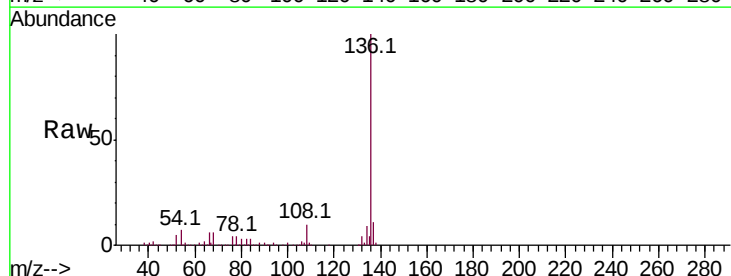
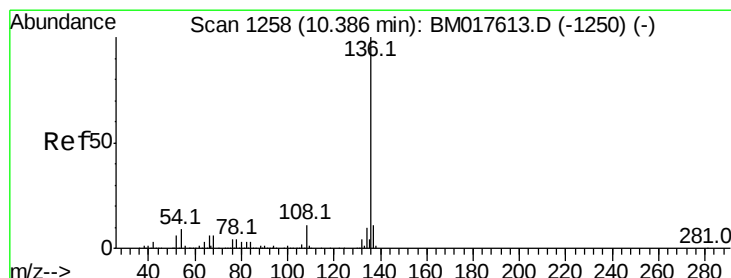
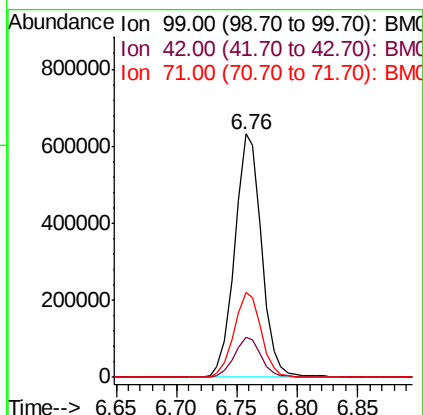
Delta R.T. -0.05 min

Lab File: BM017941.D

Acq: 05 Dec 2018 18:49

Tot Ion	Ratio	Lower	Upper
99	100		
42	16.3	16.3	24.5#
71	34.7	29.8	44.8

Instrument :
BNA_M
ClientSampleId :
72-11932-72-11967



#21

Naphthalene-d8

Concen: 20.000 ng

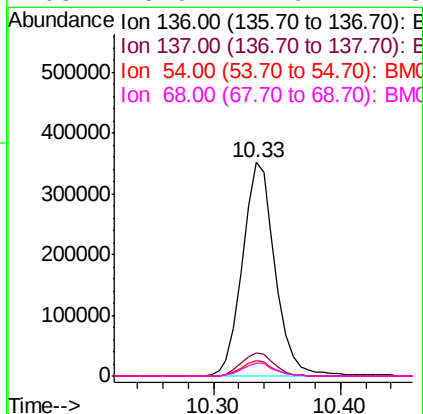
RT: 10.33 min Scan# 1249

Delta R.T. -0.05 min

Lab File: BM017941.D

Acq: 05 Dec 2018 18:49

Tgt Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.6	12.8
54	7.1	7.0	10.6
68	5.9	4.9	7.3

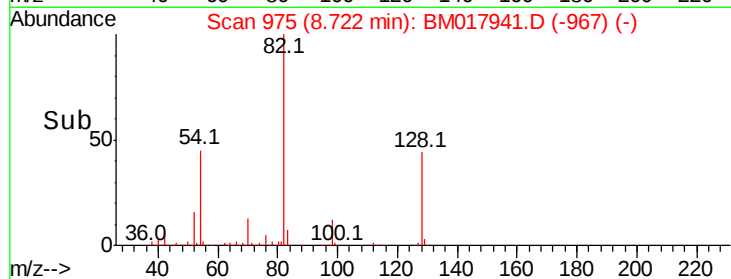
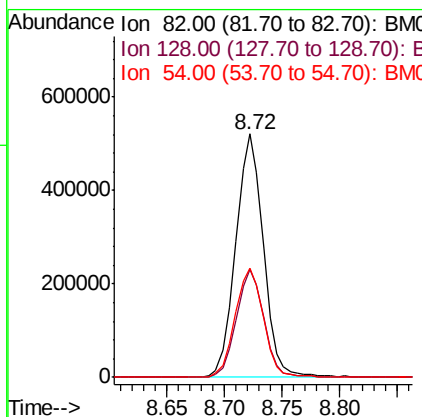
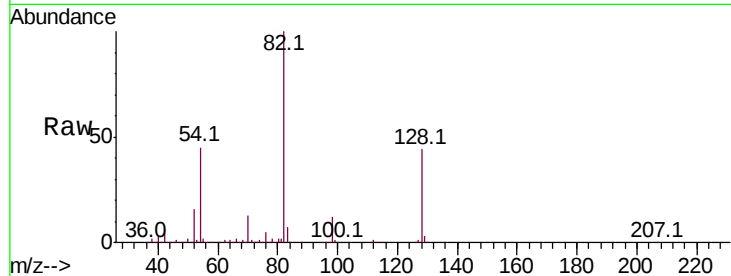




#23
 Nitrobenzene-d5
 Concen: 71.222 ng
 RT: 8.72 min Scan# 975
 Delta R.T. -0.05 min
 Lab File: BM017941.D
 Acq: 05 Dec 2018 18:49

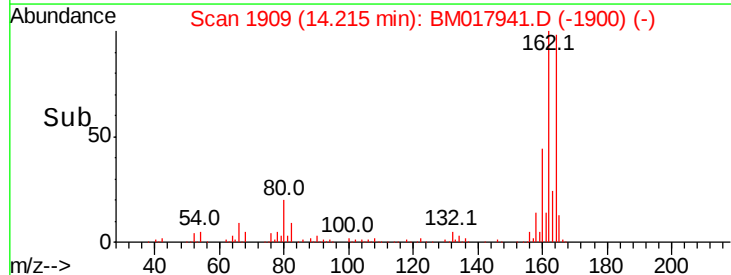
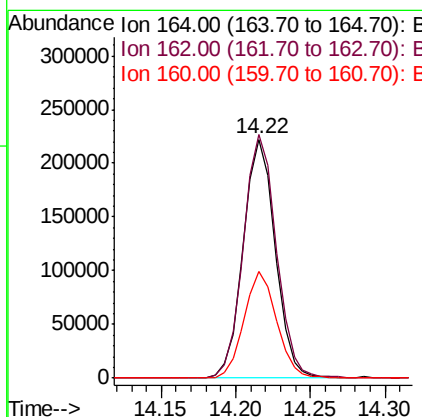
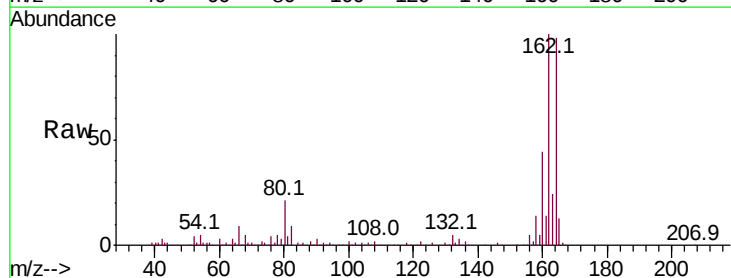
Instrument :
 BNA_M
 ClientSampleId :
 72-11932-72-11967

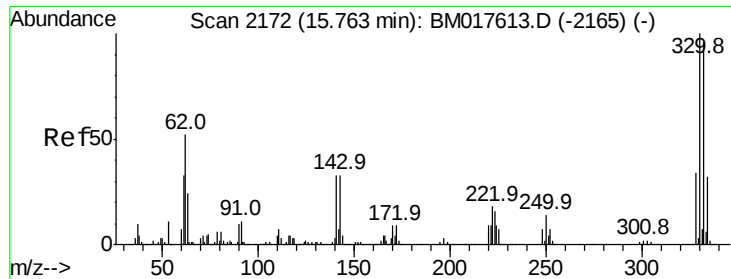
Tot Ion:	82	Resp:	863513
Ion	Ratio	Lower	Upper
82	100		
128	44.4	33.0	49.4
54	44.7	41.4	62.2



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.22 min Scan# 1909
 Delta R.T. -0.05 min
 Lab File: BM017941.D
 Acq: 05 Dec 2018 18:49

Tgt Ion:	164	Resp:	330501
Ion	Ratio	Lower	Upper
164	100		
162	101.8	81.4	122.0
160	44.8	35.6	53.4

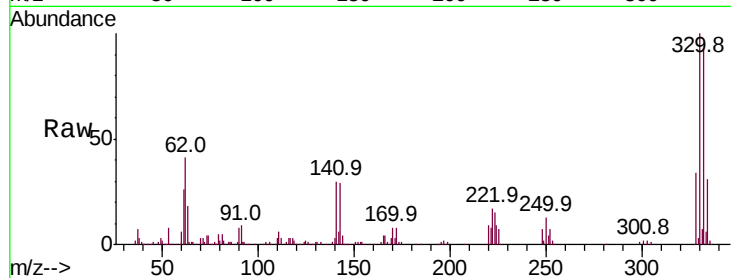




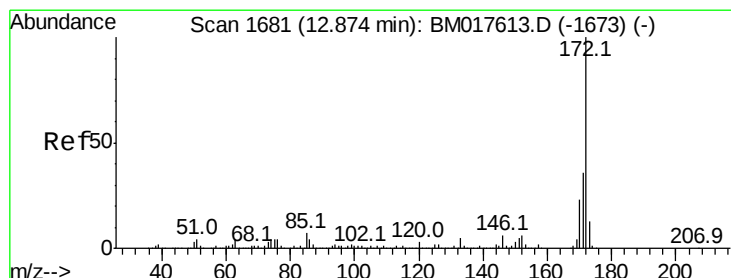
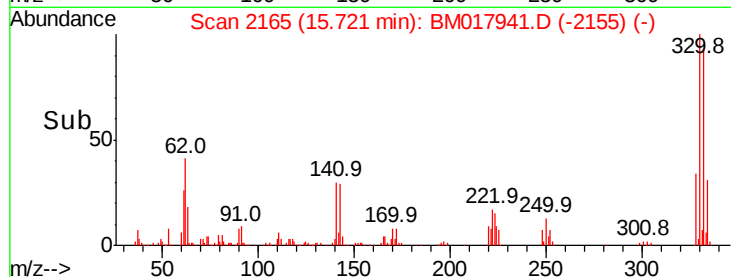
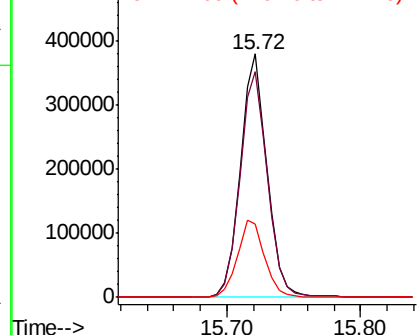
#42
 2,4,6-Tribromophenol
 Concen: 110.435 ng
 RT: 15.72 min Scan# 2165
 Delta R.T. -0.04 min
 Lab File: BM017941.D
 Acq: 05 Dec 2018 18:49

Instrument :
 BNA_M
 ClientSampleId :
 72-11932-72-11967

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.5	77.9	116.9
141	32.8	27.5	41.3

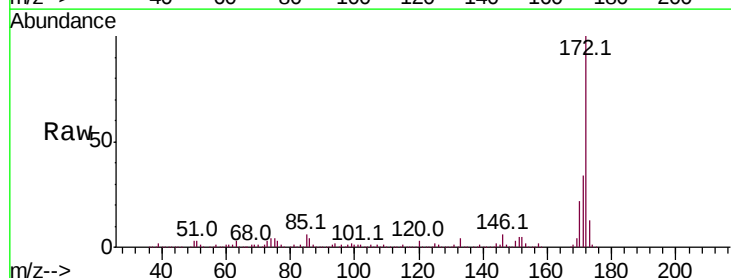


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

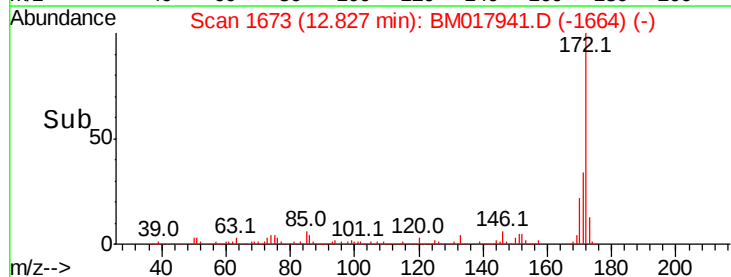
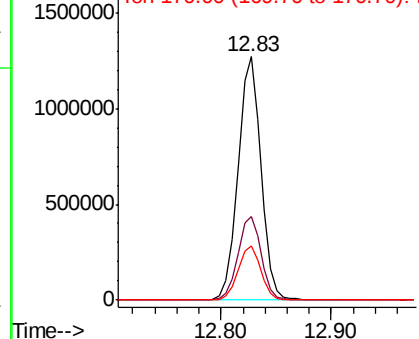


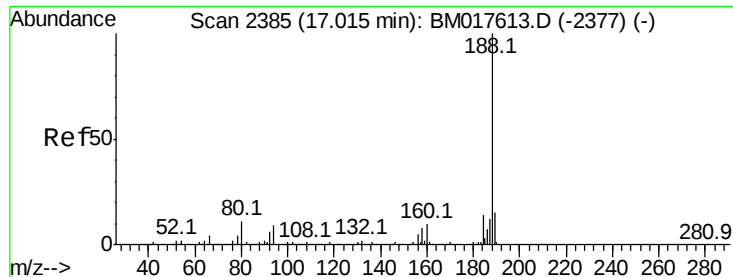
#45
 2-Fluorobiphenyl
 Concen: 72.644 ng
 RT: 12.83 min Scan# 1673
 Delta R.T. -0.05 min
 Lab File: BM017941.D
 Acq: 05 Dec 2018 18:49

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.4	28.7	43.1
170	22.1	18.3	27.5



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: 16.97 min Scan# 2378

Delta R.T. -0.04 min

Lab File: BM017941.D

Acq: 05 Dec 2018 18:49

Instrument :

BNA_M

ClientSampleId :

72-11932-72-11967

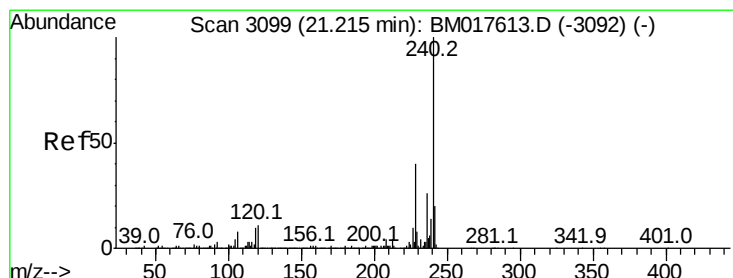
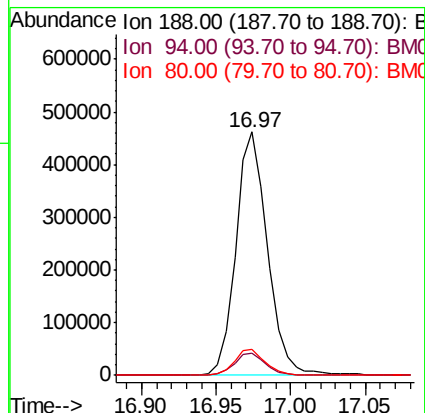
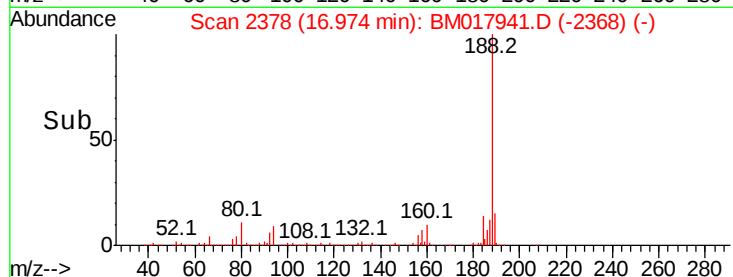
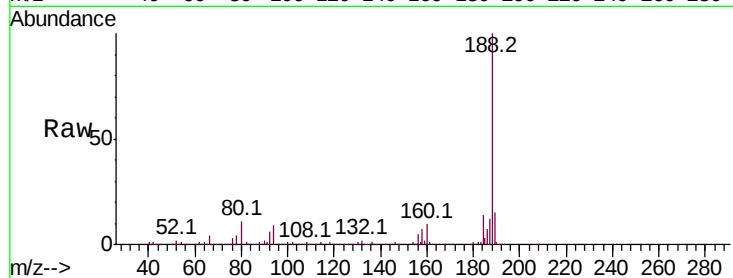
Tot Ion:188 Resp: 680783

Ion Ratio Lower Upper

188 100

94 9.0 7.5 11.3

80 10.6 8.6 13.0



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.18 min Scan# 3093

Delta R.T. -0.04 min

Lab File: BM017941.D

Acq: 05 Dec 2018 18:49

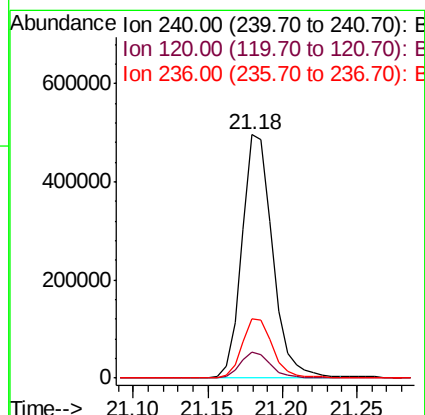
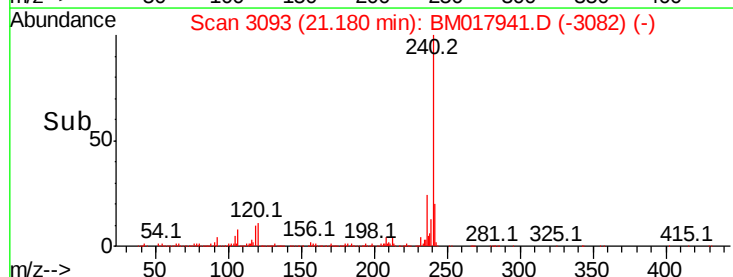
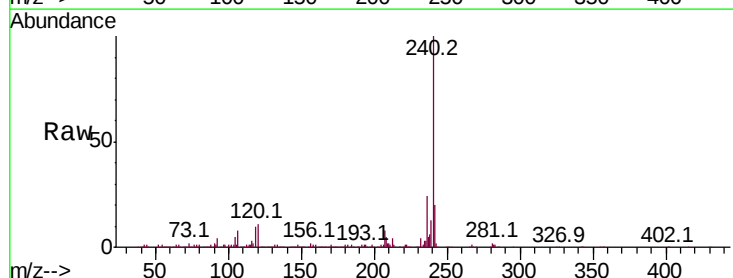
Tgt Ion:240 Resp: 705498

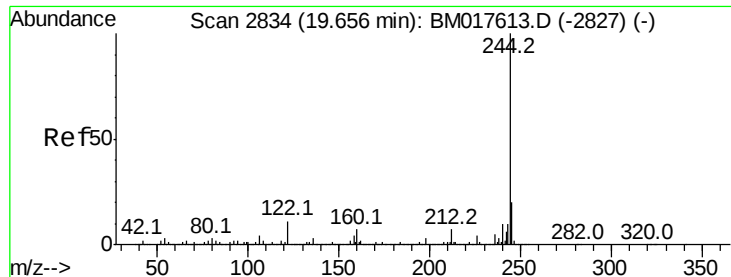
Ion Ratio Lower Upper

240 100

120 10.6 8.5 12.7

236 24.3 20.4 30.6





#79

Terphenyl-d14

Concen: 82.673 ng

RT: 19.62 min Scan# 2828

Delta R.T. -0.04 min

Lab File: BM017941.D

Acq: 05 Dec 2018 18:49

Instrument :

BNA_M

ClientSampleId :

72-11932-72-11967

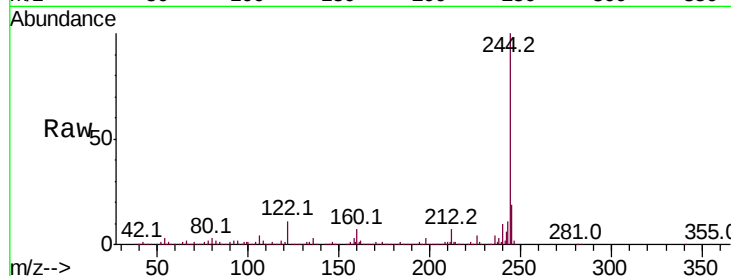
Tot Ion:244 Resp: 2573460

Ion Ratio Lower Upper

244 100

212 6.8 5.8 8.6

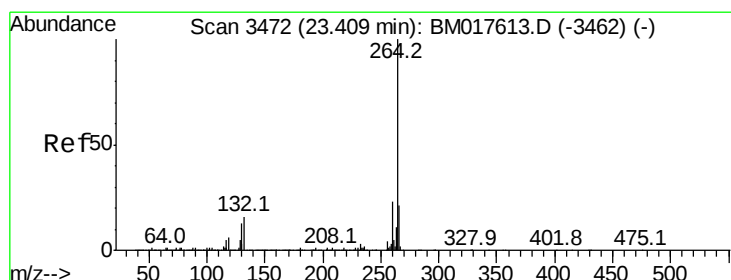
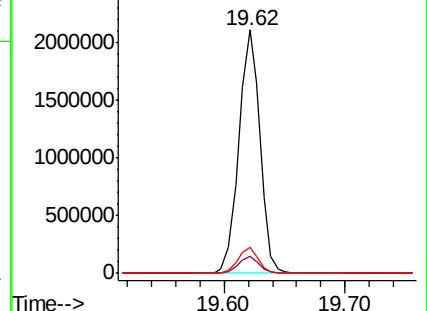
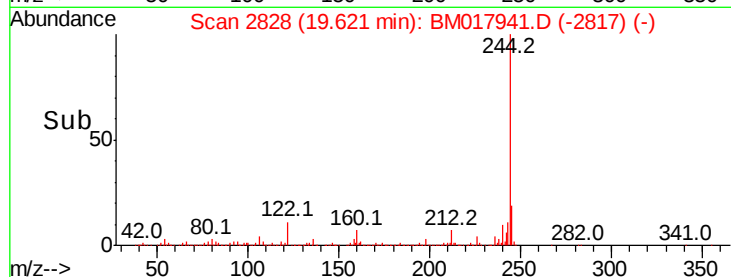
122 10.6 9.0 13.6



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: 23.36 min Scan# 3464

Delta R.T. -0.05 min

Lab File: BM017941.D

Acq: 05 Dec 2018 18:49

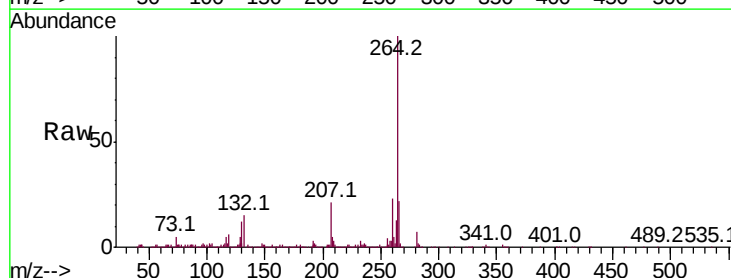
Tgt Ion:264 Resp: 727298

Ion Ratio Lower Upper

264 100

260 23.2 18.2 27.2

265 22.4 17.5 26.3



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

