

Data File : BM017885.D
Acq On : 03 Dec 2018 21:54
Operator : JU/SJ
Sample : J6149-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
OWS-2

Quant Time: Dec 04 06:57:37 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	7.58	152	176878	20.00	ng	-0.04
21) Naphthalene-d8	10.35	136	726694	20.00	ng	-0.04
39) Acenaphthene-d10	14.23	164	420104	20.00	ng	-0.04
64) Phenanthrene-d10	16.98	188	957389	20.00	ng	-0.04
76) Chrysene-d12	21.19	240	904066	20.00	ng	-0.03
87) Perylene-d12	23.37	264	781863	20.00	ng	-0.04

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.21	112	1200290	114.52	ng	-0.03
7) Phenol-d6	6.77	99	1430568	97.73	ng	-0.04
23) Nitrobenzene-d5	8.73	82	1119597	79.54	ng	-0.04
42) 2,4,6-Tribromophenol	15.73	330	836852	138.64	ng	-0.04
45) 2-Fluorobiphenyl	12.84	172	2801801	86.52	ng	-0.04
79) Terphenyl-d14	19.63	244	4324134	108.40	ng	-0.02

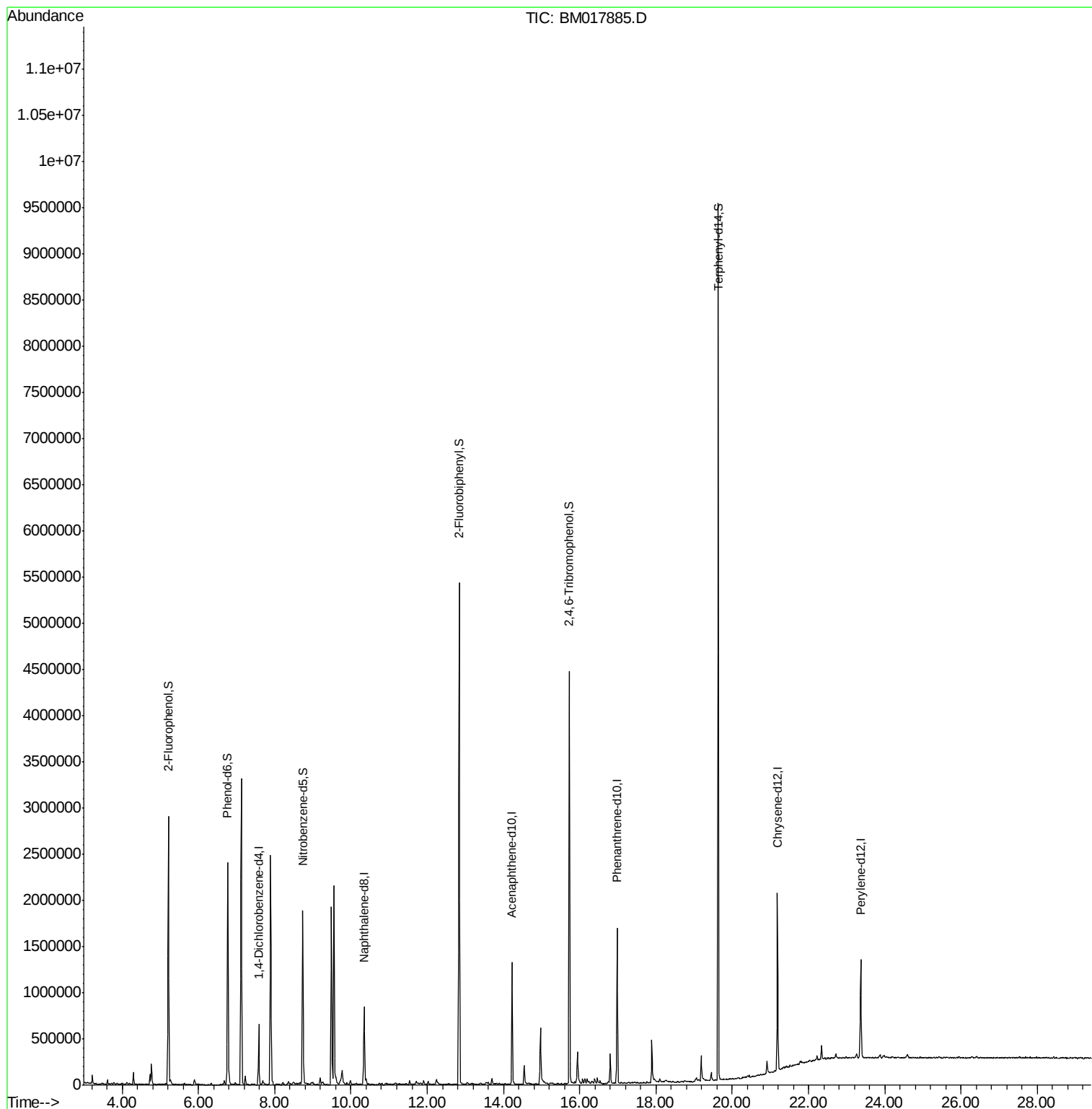
Target Compounds	Qvalue
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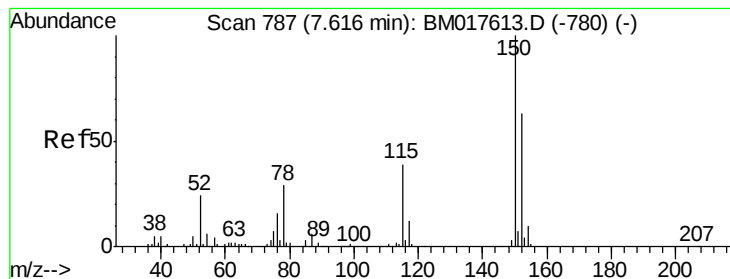
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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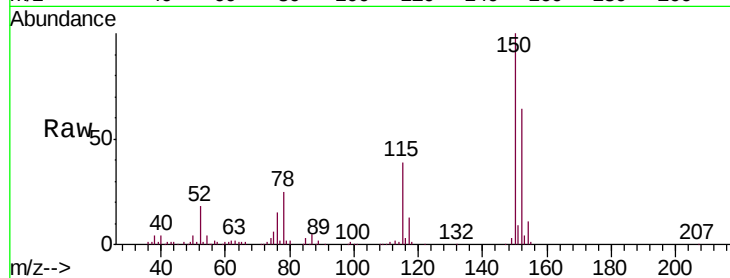


#1

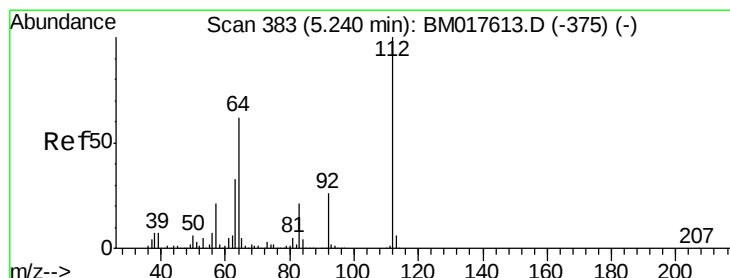
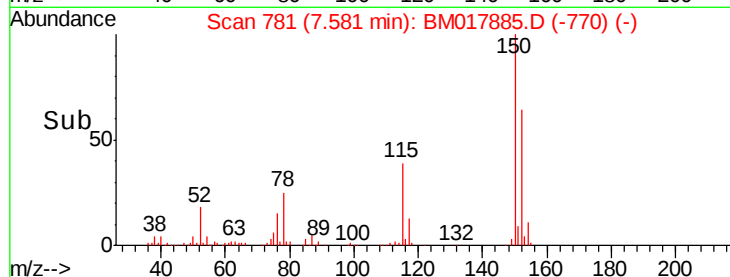
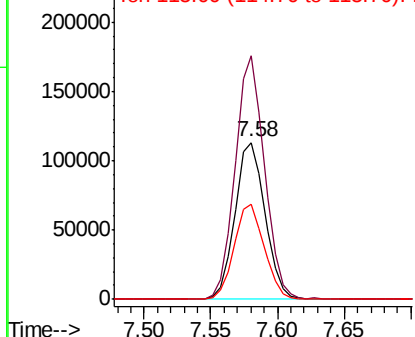
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.58 min Scan# 781
Delta R.T. -0.04 min
Lab File: BM017885.D
Acq: 03 Dec 2018 21:54

Instrument :
BNA_M
ClientSampleId :
OWS-2

Tgt Ion:152 Resp: 176878
Ion Ratio Lower Upper
152 100
150 155.1 126.4 189.6
115 60.5 49.4 74.0



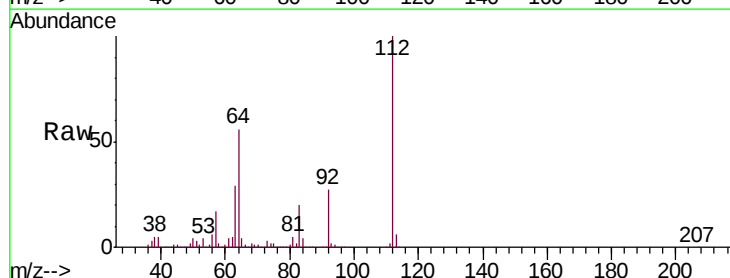
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



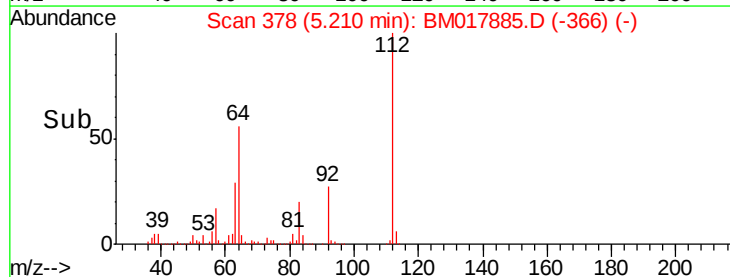
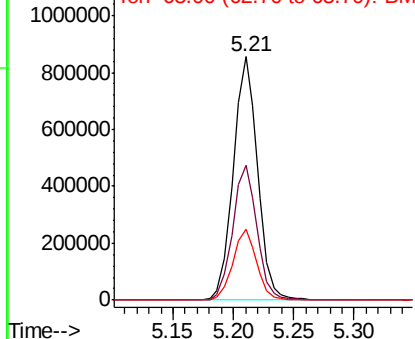
#5

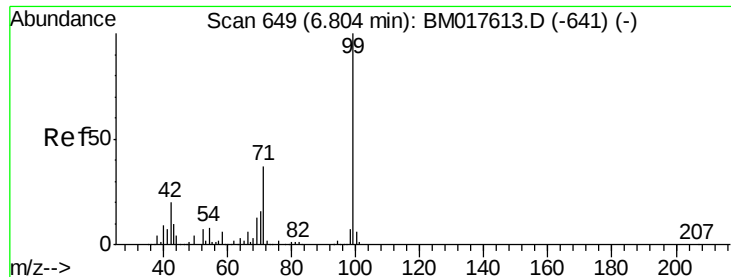
2-Fluorophenol
Concen: 114.523 ng
RT: 5.21 min Scan# 378
Delta R.T. -0.03 min
Lab File: BM017885.D
Acq: 03 Dec 2018 21:54

Tgt Ion:112 Resp: 1200290
Ion Ratio Lower Upper
112 100
64 55.6 49.3 73.9
63 29.0 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: 97.731 ng

RT: 6.77 min Scan# 643

Delta R.T. -0.04 min

Lab File: BM017885.D

Acq: 03 Dec 2018 21:54

Instrument :

BNA_M

ClientSampleId :

OWS-2

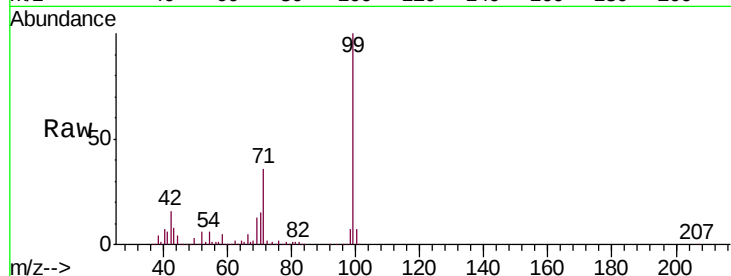
Tgt Ion: 99 Resp: 1430568

Ion Ratio Lower Upper

99 100

42 16.1 16.3 24.5#

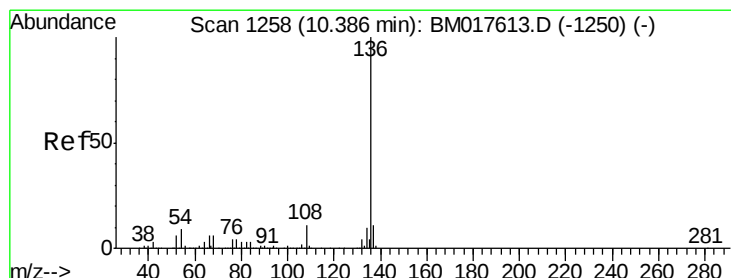
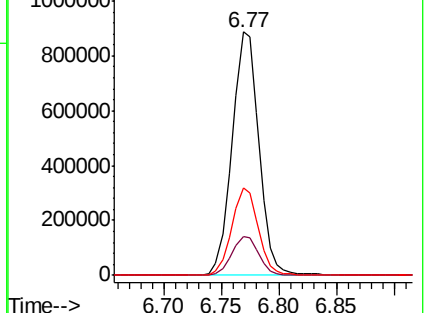
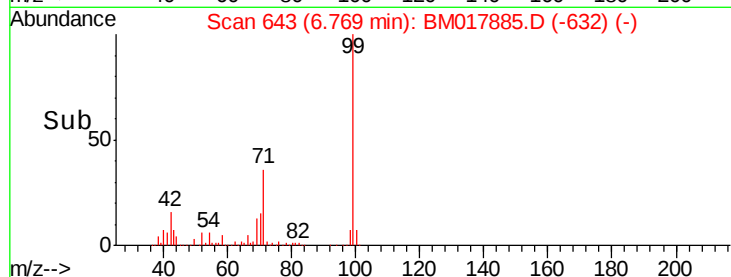
71 35.8 29.8 44.8



Abundance Ion 99.00 (98.70 to 99.70): BM017613.D (-641) (-)

Ion 42.00 (41.70 to 42.70): BM017613.D (-641) (-)

Ion 71.00 (70.70 to 71.70): BM017613.D (-641) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.35 min Scan# 1251

Delta R.T. -0.04 min

Lab File: BM017885.D

Acq: 03 Dec 2018 21:54

Tgt Ion: 136 Resp: 726694

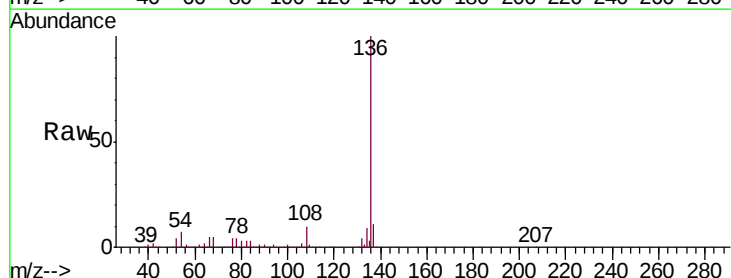
Ion Ratio Lower Upper

136 100

137 10.9 8.6 12.8

54 6.9 7.0 10.6#

68 5.4 4.9 7.3

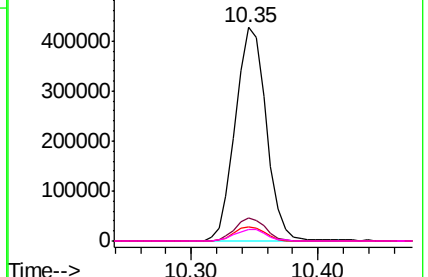
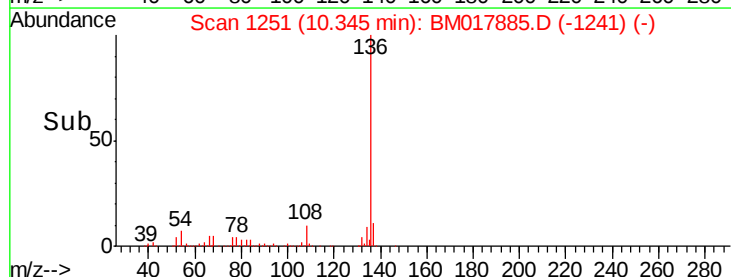


Abundance Ion 136.00 (135.70 to 136.70): BM017613.D (-1250) (-)

Ion 137.00 (136.70 to 137.70): BM017613.D (-1250) (-)

Ion 54.00 (53.70 to 54.70): BM017613.D (-1250) (-)

Ion 68.00 (67.70 to 68.70): BM017613.D (-1250) (-)

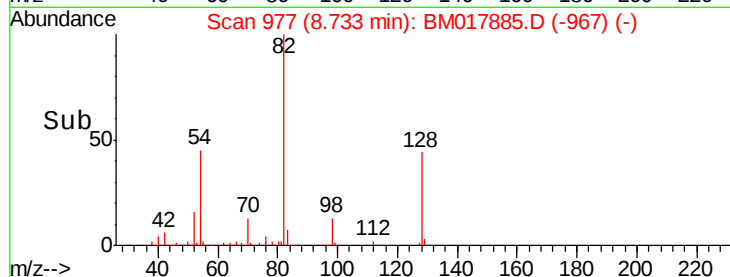
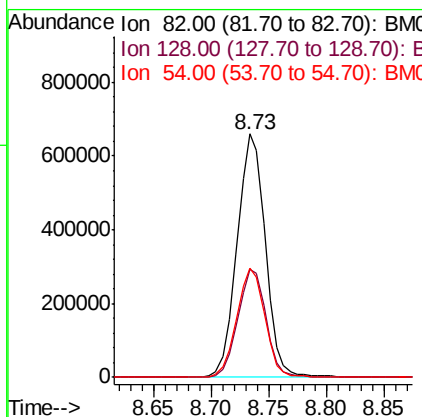
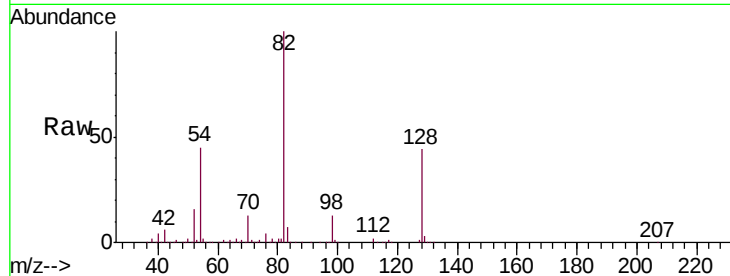




#23
 Nitrobenzene-d5
 Concen: 79.538 ng
 RT: 8.73 min Scan# 977
 Delta R.T. -0.04 min
 Lab File: BM017885.D
 Acq: 03 Dec 2018 21:54

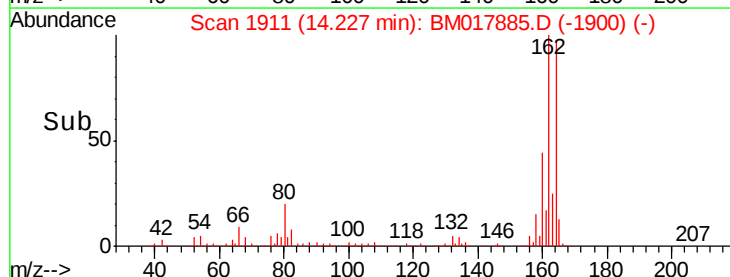
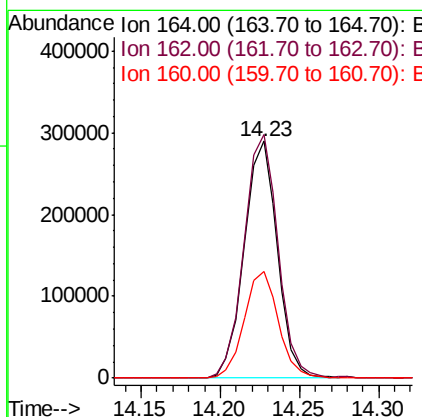
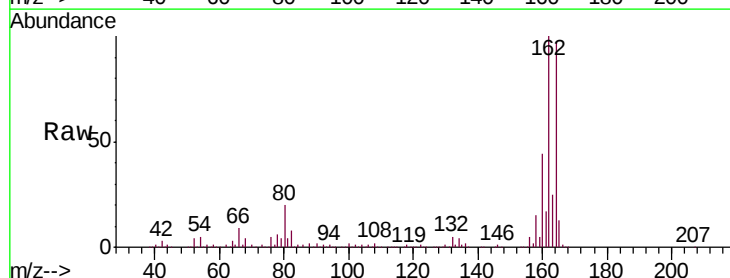
Instrument :
 BNA_M
 ClientSampleId :
 OWS-2

Tgt Ion: 82 Resp: 1119597
 Ion Ratio Lower Upper
 82 100
 128 44.2 33.0 49.4
 54 44.6 41.4 62.2



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.23 min Scan# 1911
 Delta R.T. -0.04 min
 Lab File: BM017885.D
 Acq: 03 Dec 2018 21:54

Tgt Ion: 164 Resp: 420104
 Ion Ratio Lower Upper
 164 100
 162 102.9 81.4 122.0
 160 44.9 35.6 53.4

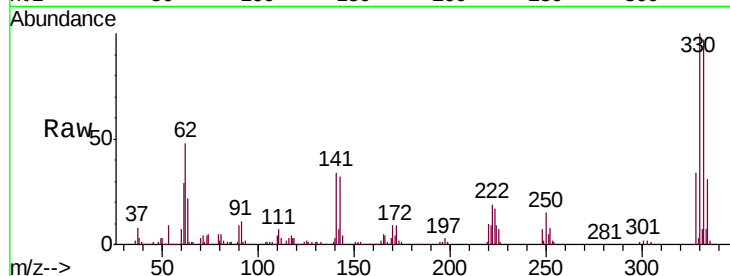




#42
 2,4,6-Tribromophenol
 Concen: 138.637 ng
 RT: 15.73 min Scan# 2166
 Delta R.T. -0.04 min
 Lab File: BM017885.D
 Acq: 03 Dec 2018 21:54

Instrument :
 BNA_M
 ClientSampleId :
 OWS-2

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.9	77.9	116.9
141	32.8	27.5	41.3

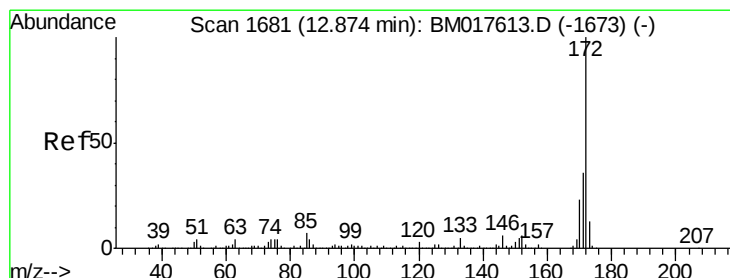
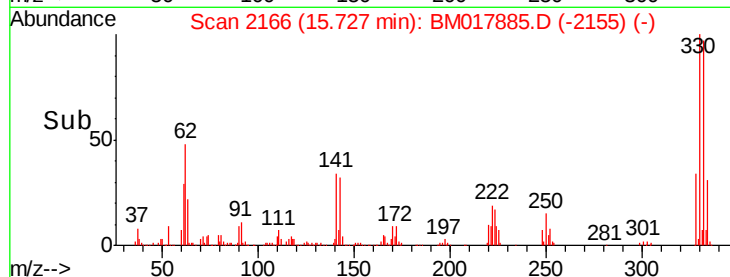
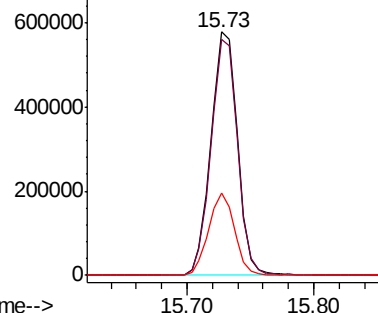


Abundance

Ion 329.80 (329.50 to 330.50): E

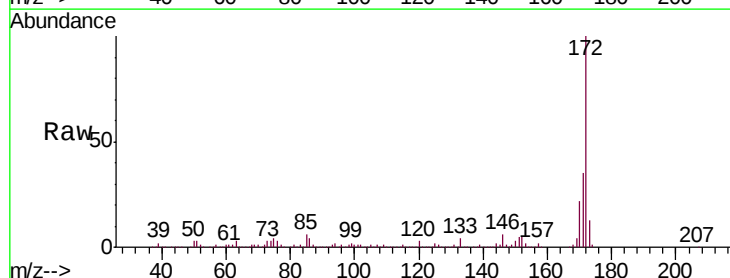
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 86.523 ng
 RT: 12.84 min Scan# 1675
 Delta R.T. -0.04 min
 Lab File: BM017885.D
 Acq: 03 Dec 2018 21:54

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.0	28.7	43.1
170	22.5	18.3	27.5

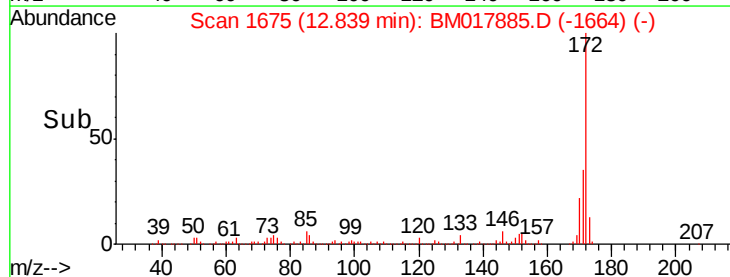
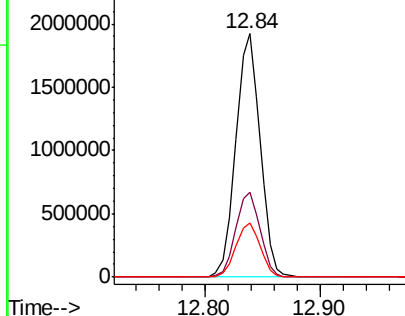


Abundance

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

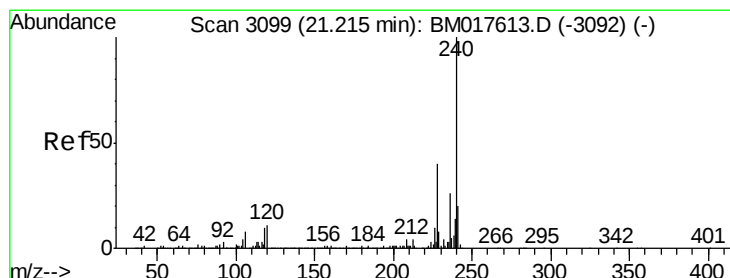
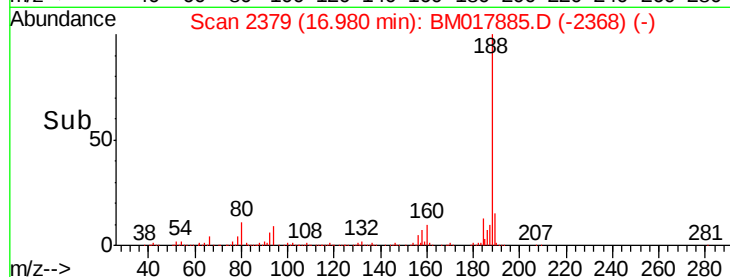
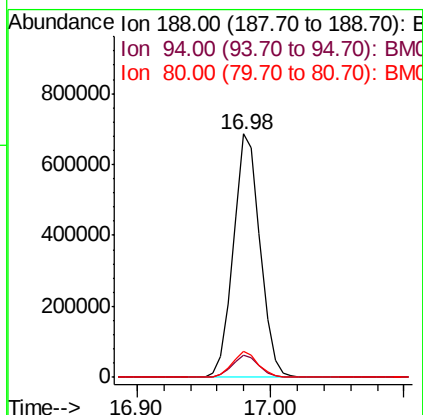
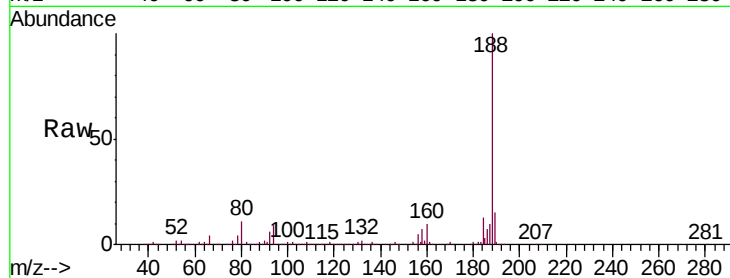




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.98 min Scan# 2379
Delta R.T. -0.04 min
Lab File: BM017885.D
Acq: 03 Dec 2018 21:54

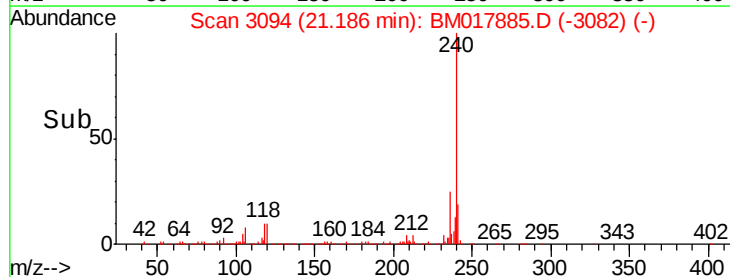
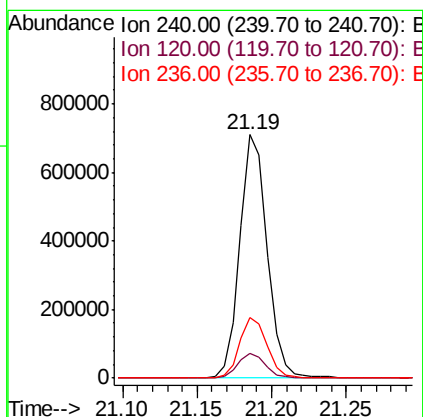
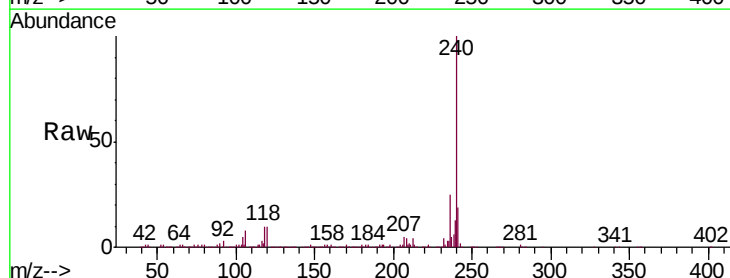
Instrument :
BNA_M
ClientSampleId :
OWS-2

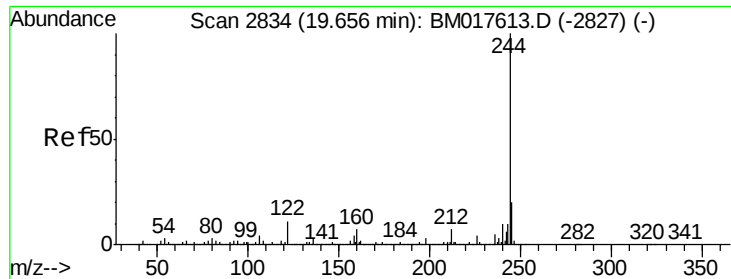
Tgt Ion:188 Resp: 957389
Ion Ratio Lower Upper
188 100
94 9.2 7.5 11.3
80 10.6 8.6 13.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.19 min Scan# 3094
Delta R.T. -0.03 min
Lab File: BM017885.D
Acq: 03 Dec 2018 21:54

Tgt Ion:240 Resp: 904066
Ion Ratio Lower Upper
240 100
120 10.4 8.5 12.7
236 24.8 20.4 30.6





#79

Terphenyl-d14

Concen: 108.403 ng

RT: 19.63 min Scan# 2830

Delta R.T. -0.02 min

Lab File: BM017885.D

Acq: 03 Dec 2018 21:54

Instrument :

BNA_M

ClientSampleId :

OWS-2

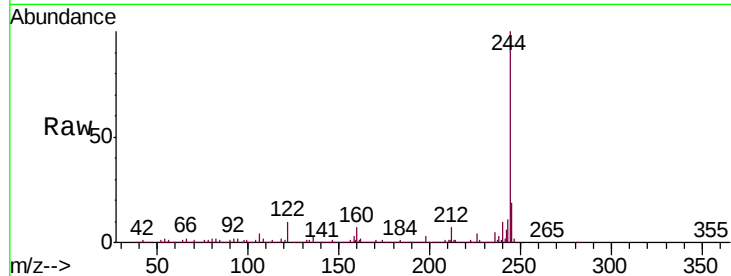
Tgt Ion:244 Resp: 4324134

Ion Ratio Lower Upper

244 100

212 7.0 5.8 8.6

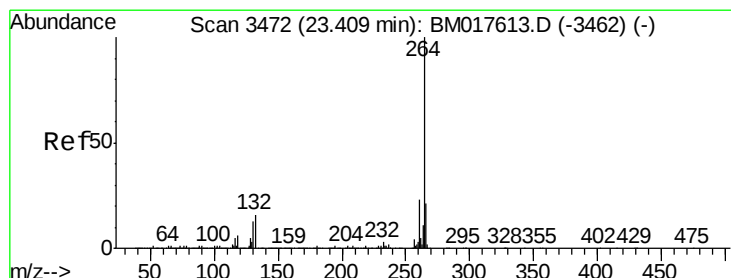
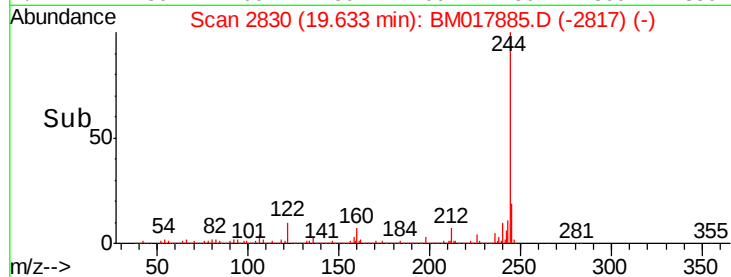
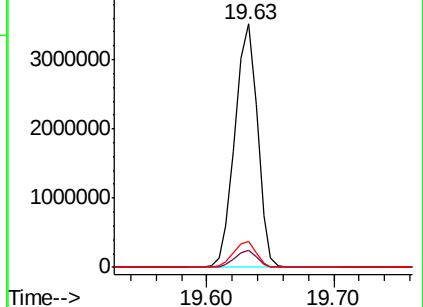
122 10.5 9.0 13.6



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: 23.37 min Scan# 3465

Delta R.T. -0.04 min

Lab File: BM017885.D

Acq: 03 Dec 2018 21:54

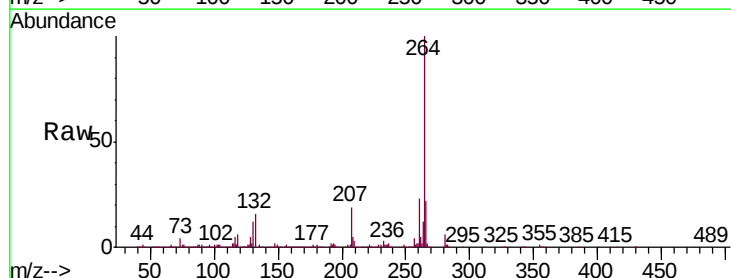
Tgt Ion:264 Resp: 781863

Ion Ratio Lower Upper

264 100

260 22.8 18.2 27.2

265 21.8 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

