

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM081518\
 Data File : BM016382.D
 Acq On : 15 Aug 2018 16:09
 Operator : SJ/JU
 Sample : J4459-02
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 FRAC-TANK-SV30518L

Quant Time: Aug 16 05:43:33 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM072318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 15 11:23:48 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	22622	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	80590	20.00	ng	0.00
38) Acenaphthene-d10	14.74	164	38796	20.00	ng	0.00
63) Phenanthrene-d10	17.49	188	88976	20.00	ng	0.00
75) Chrysene-d12	21.61	240	96541	20.00	ng	0.00
86) Perylene-d12	23.94	264	38946	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	184078	135.17	ng	0.00
7) Phenol-d6	7.29	99	181770	102.20	ng	0.00
23) Nitrobenzene-d5	9.30	82	188844	108.99	ng	0.00
41) 2,4,6-Tribromophenol	16.24	330	77691	157.89	ng	0.00
44) 2-Fluorobiphenyl	13.37	172	336407	105.51	ng	0.00
78) Terphenyl-d14	20.07	244	587267	127.34	ng	0.00

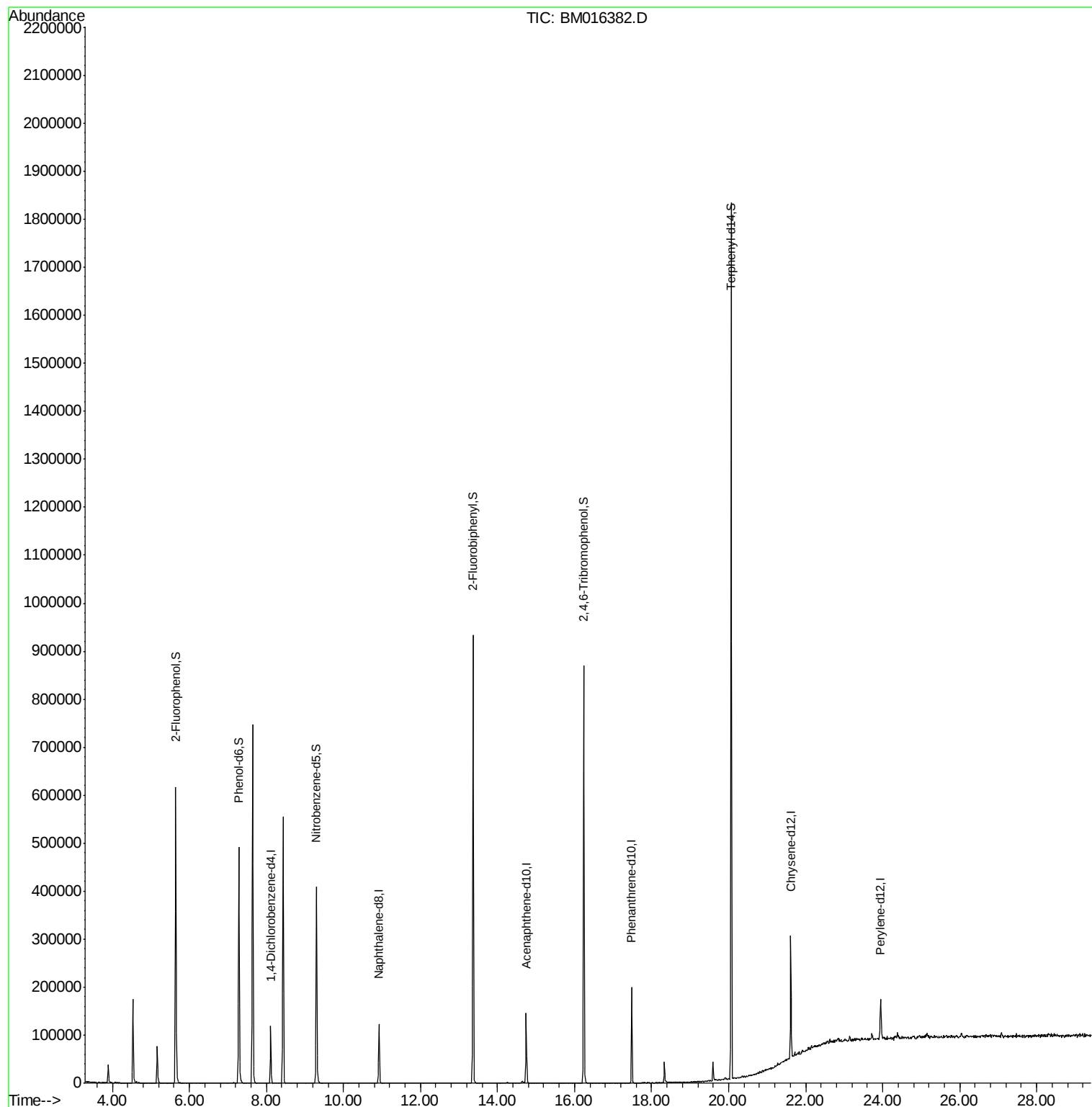
Target Compounds Qvalue

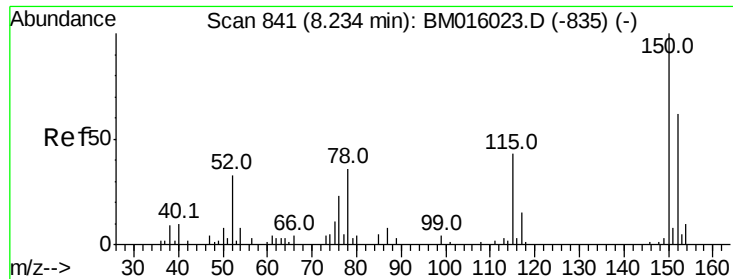
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.11 min Scan# 820

Delta R.T. -0.01 min

Lab File: BM016382.D

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BNA_M

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FRAC-TANK-SV30518L

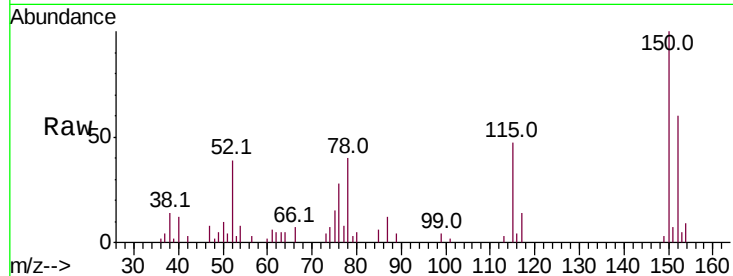
Tot Ion:152 Resp: 22622

Ion Ratio Lower Upper

152 100

150 166.0 119.5 179.3

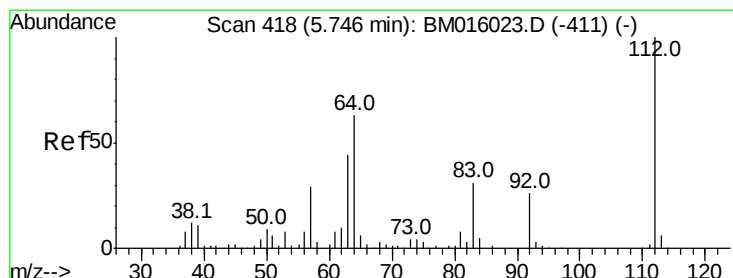
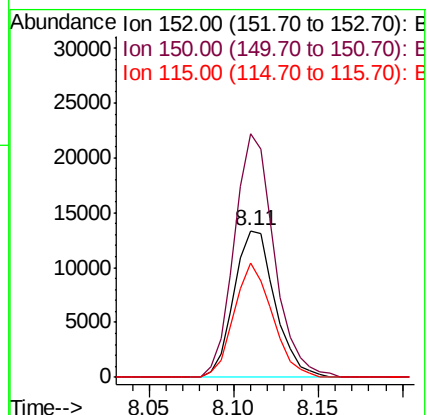
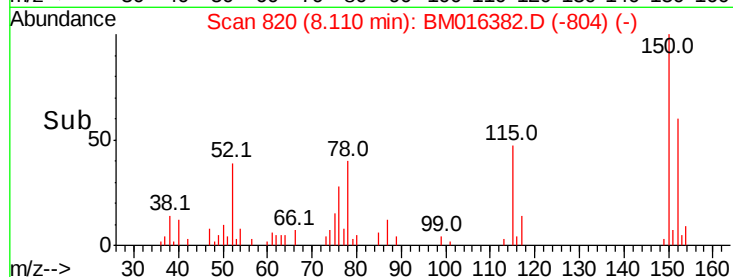
115 78.3 43.0 64.4#



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: Below ng

RT: 5.65 min Scan# 401

Delta R.T. -0.00 min

Lab File: BM016382.D

Acq: 15 Aug 2018 16:09

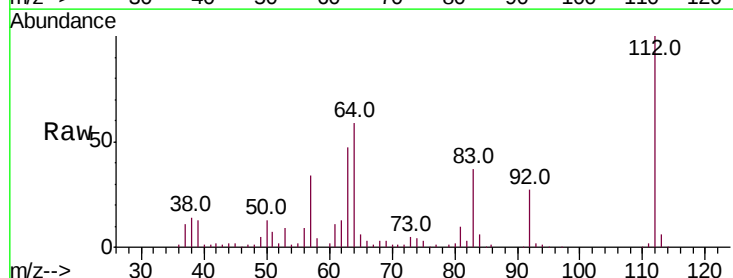
Tgt Ion:112 Resp: 184078

Ion Ratio Lower Upper

112 100

64 58.9 38.6 57.8#

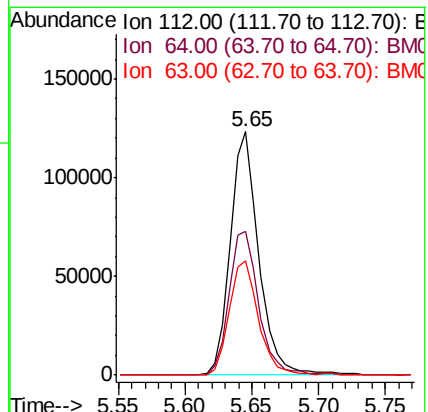
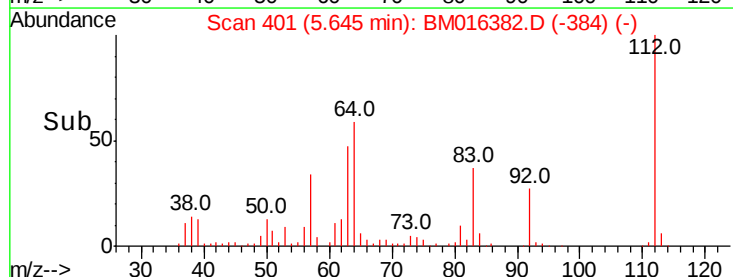
63 46.9 19.3 28.9#



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: N.D. ng

RT: 7.29 min Scan# 680

Delta R.T. -0.00 min

Lab File: BM016382.D

Acq: 15 Aug 2018 16:09

Instrument :

BNA_M

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FRAC-TANK-SV30518L

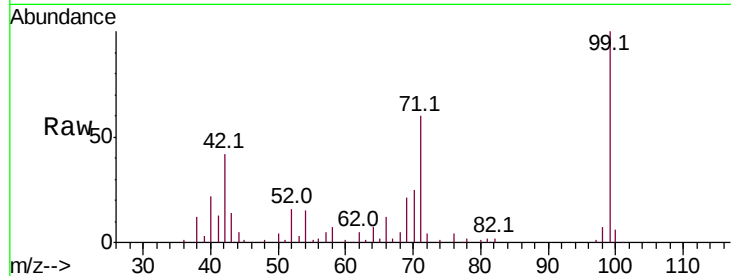
Tot Ion: 99 Resp: 181770

Ion Ratio Lower Upper

99 100

42 42.1 11.0 16.4#

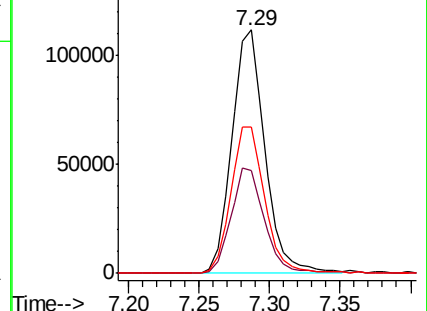
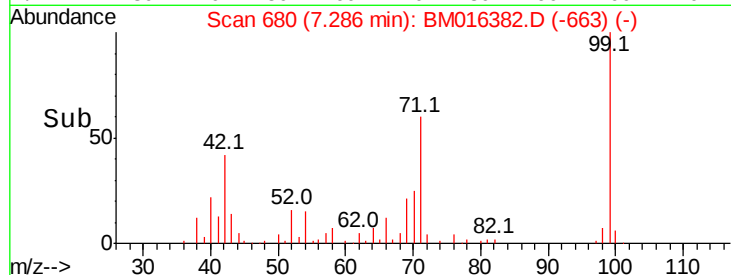
71 59.8 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM016382.D (-663) (-)

Ion 42.00 (41.70 to 42.70): BM016382.D (-663) (-)

Ion 71.00 (70.70 to 71.70): BM016382.D (-663) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.93 min Scan# 1299

Delta R.T. -0.00 min

Lab File: BM016382.D

Acq: 15 Aug 2018 16:09

Tgt Ion: 136 Resp: 80590

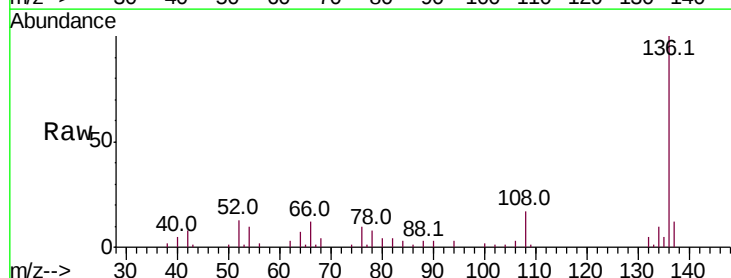
Ion Ratio Lower Upper

136 100

137 12.2 8.7 13.1

54 10.5 4.6 6.8#

68 4.2 3.7 5.5

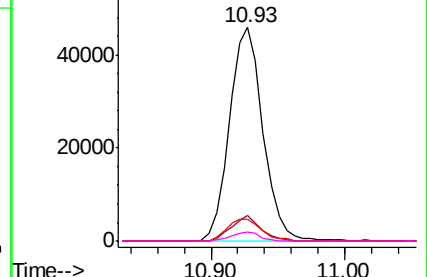
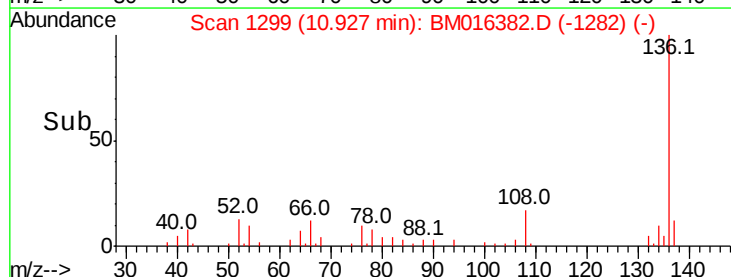


Abundance Ion 136.00 (135.70 to 136.70): BM016382.D (-1282) (-)

Ion 137.00 (136.70 to 137.70): BM016382.D (-1282) (-)

Ion 54.00 (53.70 to 54.70): BM016382.D (-1282) (-)

Ion 68.00 (67.70 to 68.70): BM016382.D (-1282) (-)

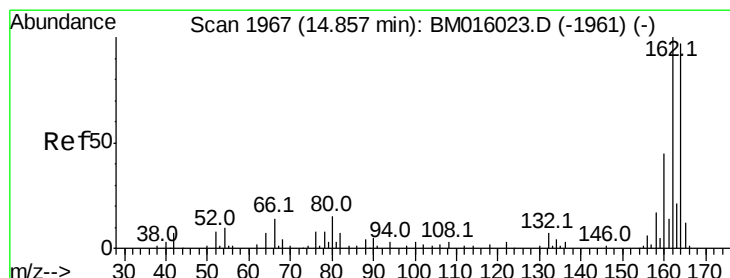
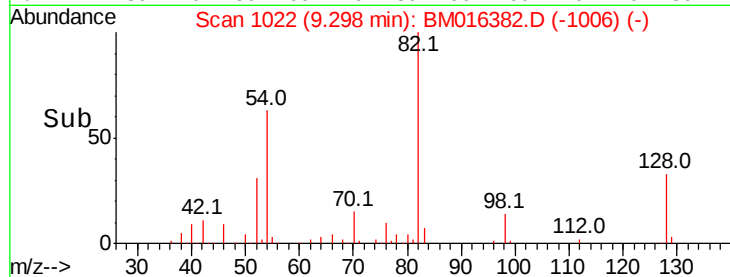
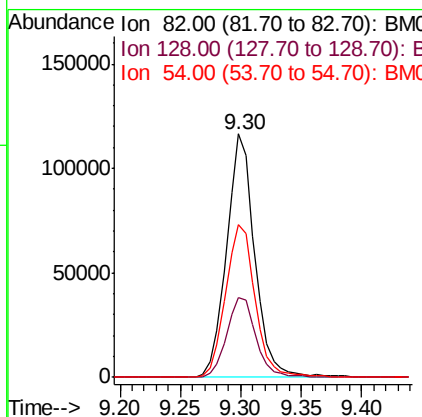
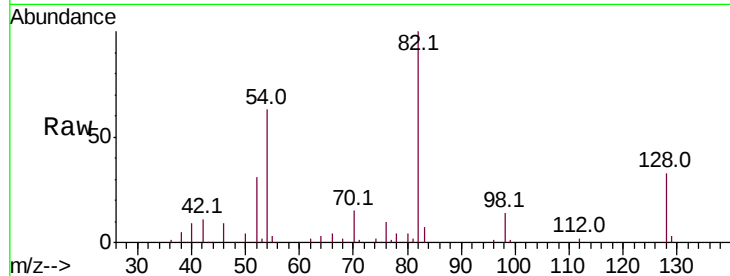




#23
 Nitrobenzene-d5
 Concen: N.D. ng
 RT: 9.30 min Scan# 1022
 Delta R.T. -0.01 min
 Lab File: BM016382.D
 Acq: 15 Aug 2018 16:09

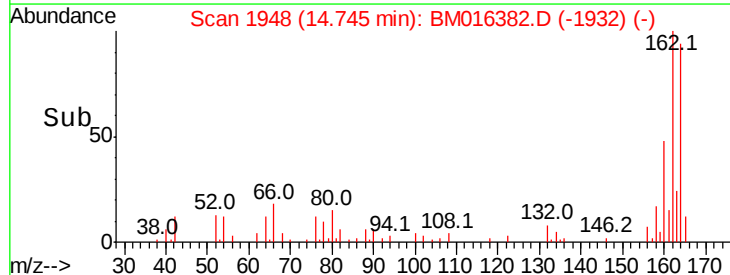
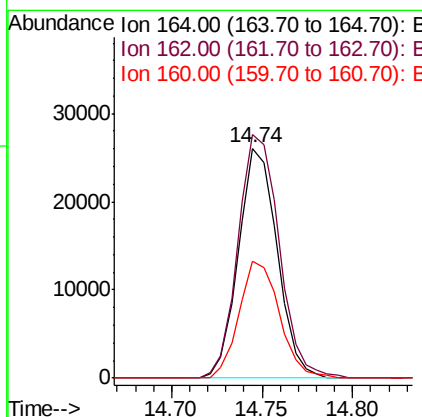
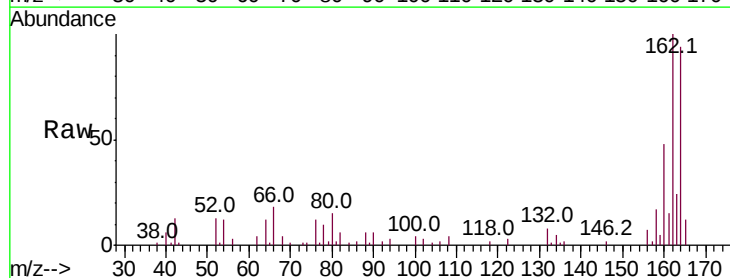
Instrument :
 BNA_M
 ClientSampleId :
 FRAC-TANK-SV30518L

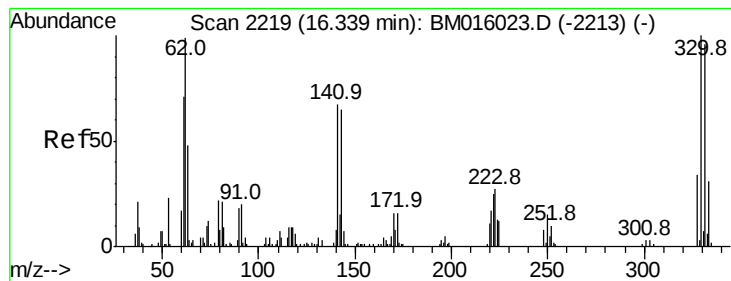
Tot Ion	Ratio	Lower	Upper
82	100		
128	32.9	32.8	49.2
54	63.0	40.6	60.8#



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.74 min Scan# 1948
 Delta R.T. -0.01 min
 Lab File: BM016382.D
 Acq: 15 Aug 2018 16:09

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.8	82.4	123.6
160	50.7	35.8	53.6





#41

2,4,6-Tribromophenol

Concen: N.D. ng

RT: 16.24 min Scan# 2202

Delta R.T. -0.01 min

Lab File: BM016382.D

Acq: 15 Aug 2018 16:09

Instrument :

BNA_M

ClientSampleId :

FRAC-TANK-SV30518L

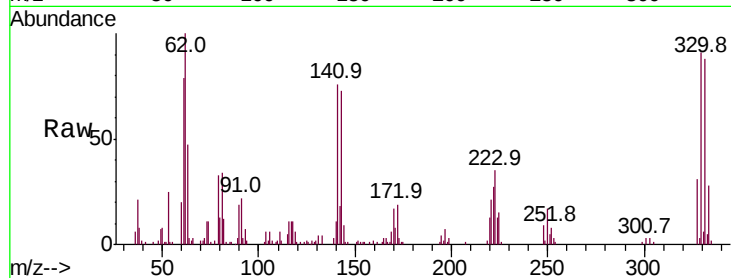
Tot Ion:330 Resp: 77691

Ion Ratio Lower Upper

330 100

332 96.1 0.0 0.0#

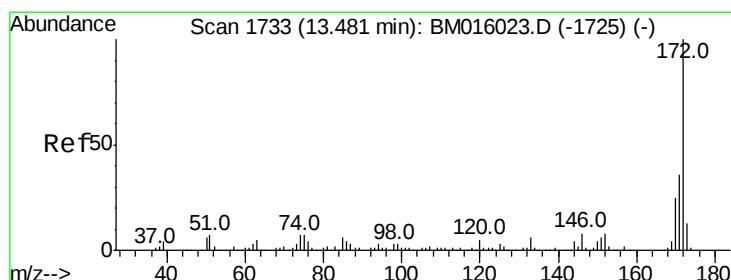
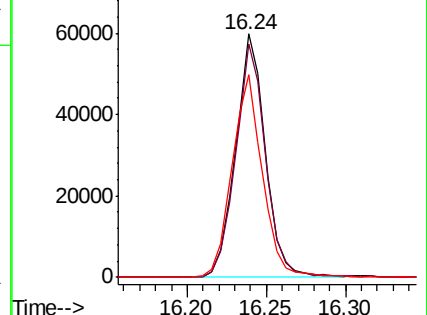
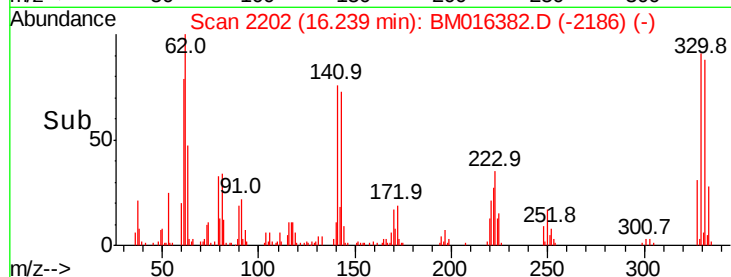
141 85.1 0.0 0.0#



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



#44

2-Fluorobiphenyl

Concen: N.D. ng

RT: 13.37 min Scan# 1714

Delta R.T. -0.01 min

Lab File: BM016382.D

Acq: 15 Aug 2018 16:09

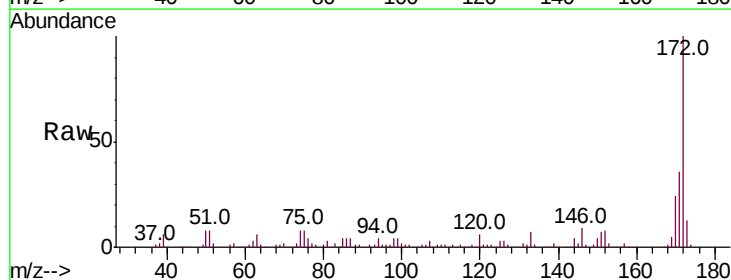
Tgt Ion:172 Resp: 336407

Ion Ratio Lower Upper

172 100

171 36.2 28.5 42.7

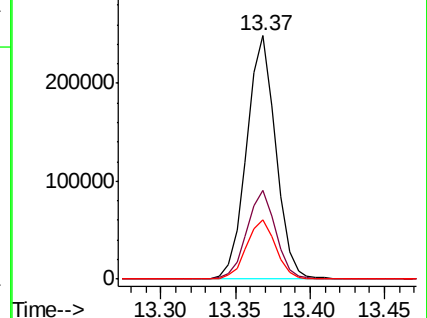
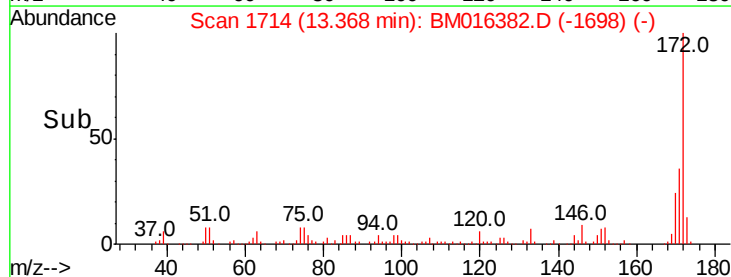
170 24.4 18.8 28.2

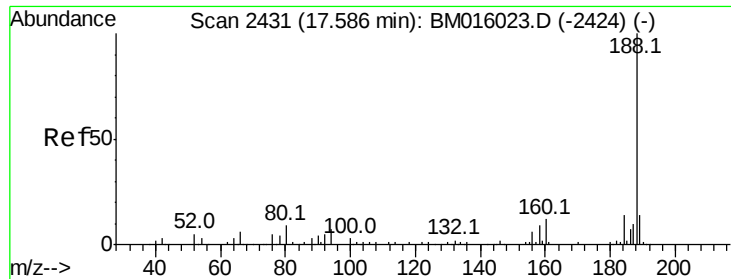


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

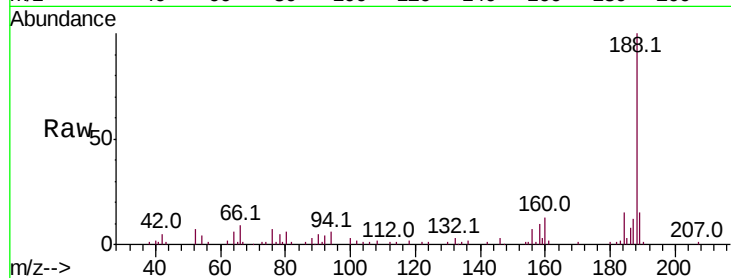




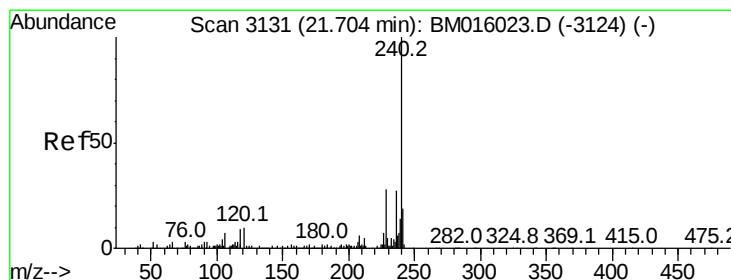
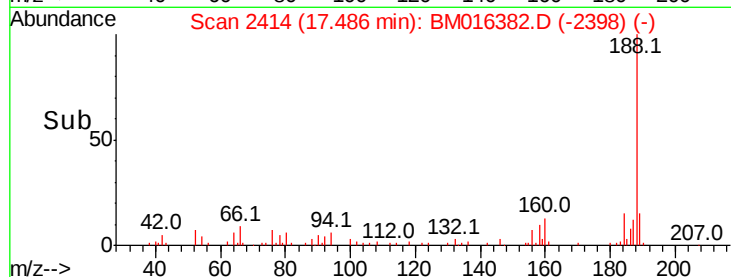
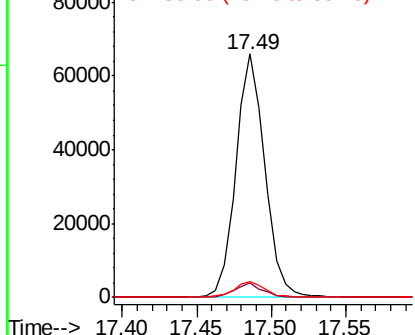
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.49 min Scan# 2414
Delta R.T. -0.01 min
Lab File: BM016382.D
Acq: 15 Aug 2018 16:09

Instrument :
BNA_M
ClientSampleId :
FRAC-TANK-SV30518L

Tot Ion:188 Resp: 88976
Ion Ratio Lower Upper
188 100
94 6.0 8.7 13.1#
80 6.4 9.3 13.9#

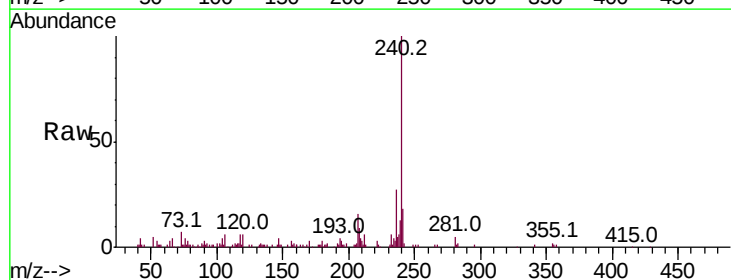


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BM
Ion 80.00 (79.70 to 80.70): BM

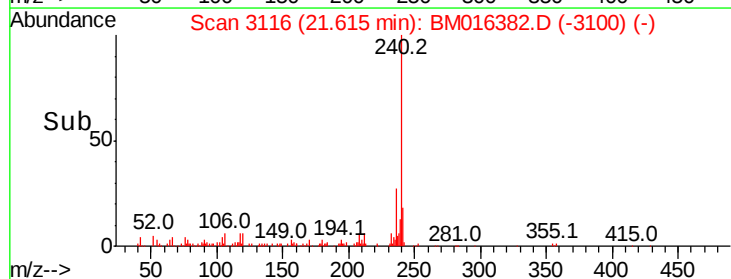
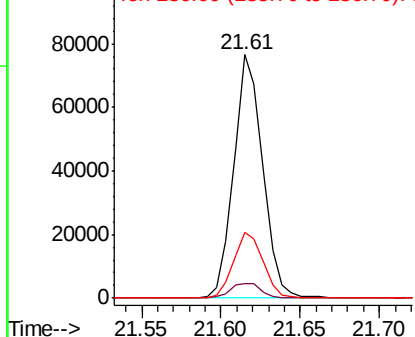


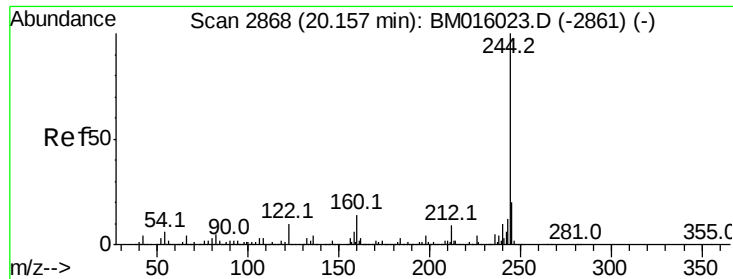
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.61 min Scan# 3116
Delta R.T. -0.01 min
Lab File: BM016382.D
Acq: 15 Aug 2018 16:09

Tgt Ion:240 Resp: 96541
Ion Ratio Lower Upper
240 100
120 6.2 8.2 12.2#
236 27.1 20.0 30.0



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

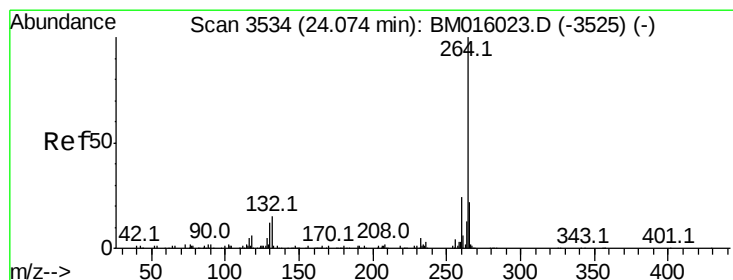
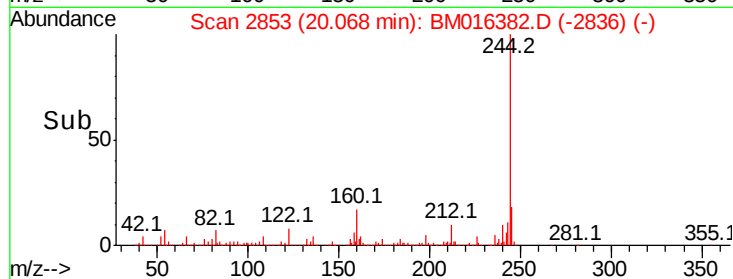
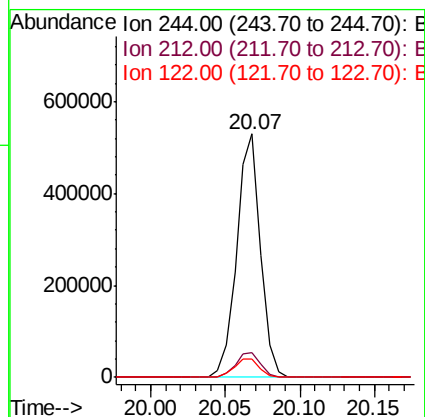
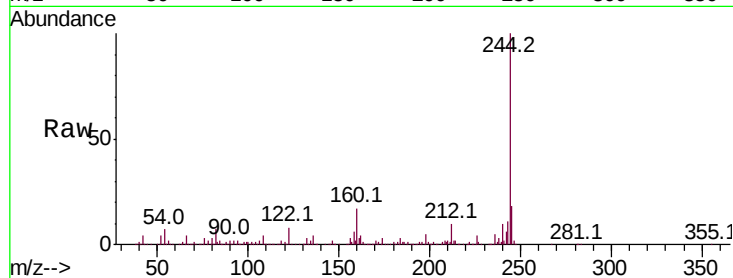




#78
 Terphenyl-d14
 Concen: N.D. ng
 RT: 20.07 min Scan# 2853
 Delta R.T. -0.00 min
 Lab File: BM016382.D
 Acq: 15 Aug 2018 16:09

Instrument :
 BNA_M
 ClientSampleId :
 FRAC-TANK-SV30518L

Tot Ion:244 Resp: 587267
 Ion Ratio Lower Upper
 244 100
 212 10.2 4.9 7.3#
 122 7.6 6.2 9.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.94 min Scan# 3512
 Delta R.T. -0.00 min
 Lab File: BM016382.D
 Acq: 15 Aug 2018 16:09

Tgt Ion:264 Resp: 38946
 Ion Ratio Lower Upper
 264 100
 260 26.9 18.6 27.8
 265 24.5 17.3 25.9

