

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121918\
 Data File : BM018322.D
 Acq On : 20 Dec 2018 07:14
 Operator : JU/SJ
 Sample : J6196-08
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EO-01-121818-A

Manual Integrations
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Quant Time: Dec 20 13:19:24 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM121518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Dec 15 21:39:37 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.49	152	132034	20.00	ng	-0.02
21) Naphthalene-d8	10.25	136	472695	20.00	ng	-0.02
39) Acenaphthene-d10	14.14	164	234084	20.00	ng	-0.02
64) Phenanthrene-d10	16.91	188	421457	20.00	ng	-0.01
76) Chrysene-d12	21.13	240	429485	20.00	ng	-0.01
87) Perylene-d12	23.29	264	490963	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.13	112	1180919	149.41	ng	0.00
7) Phenol-d6	6.69	99	1370274	124.73	ng	-0.01
23) Nitrobenzene-d5	8.65	82	1107579	120.19	ng	-0.02
42) 2,4,6-Tribromophenol	15.66	330	470042	136.81	ng	-0.01
45) 2-Fluorobiphenyl	12.75	172	2130870	117.91	ng	-0.02
79) Terphenyl-d14	19.56	244	2238874	117.90	ng	-0.01
Target Compounds						
35) Caprolactam	11.22	113	31815m	11.569	ng	Qvalue

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

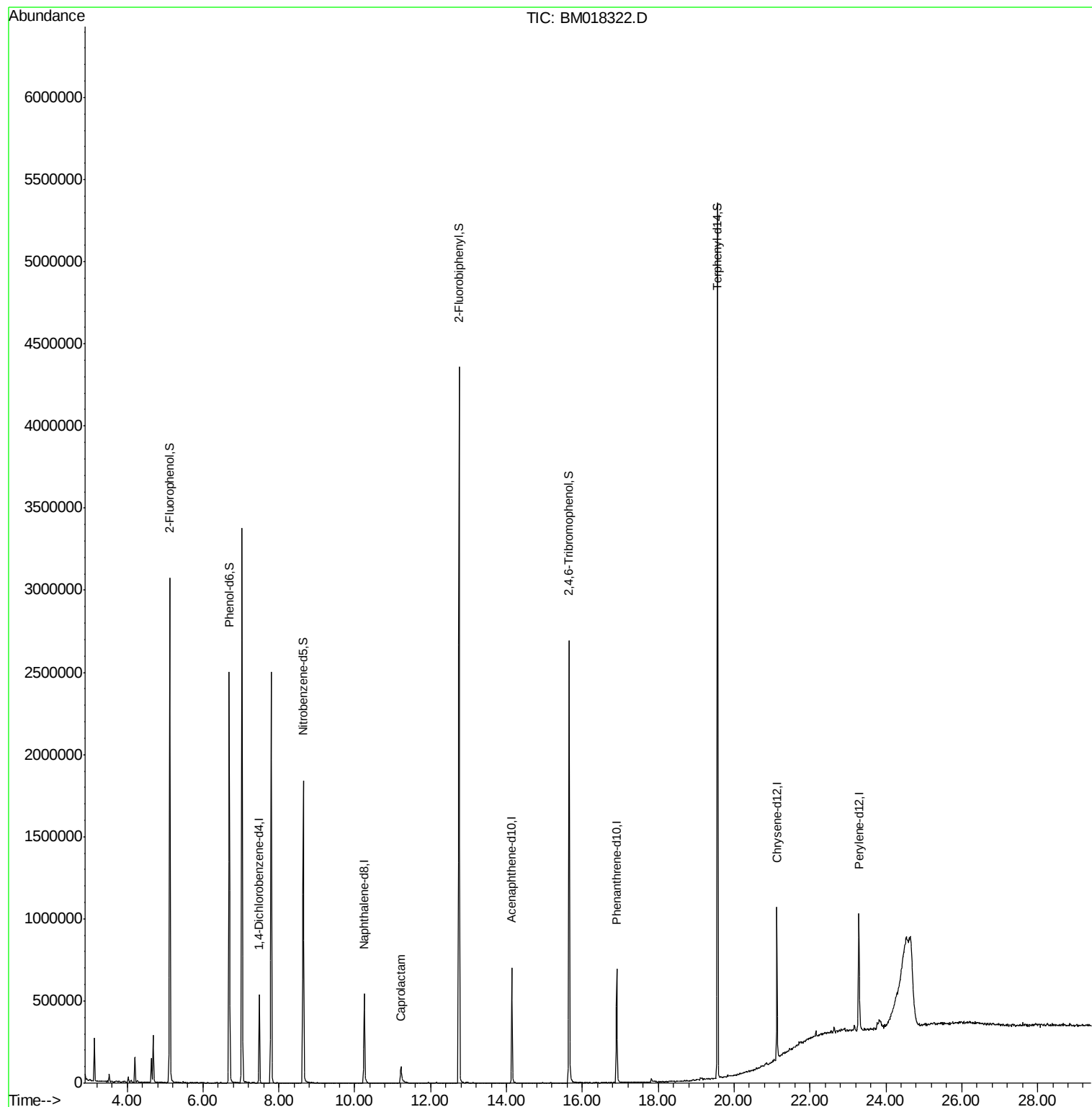
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121918\
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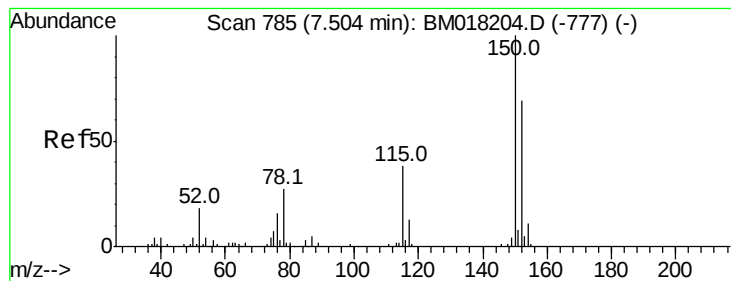
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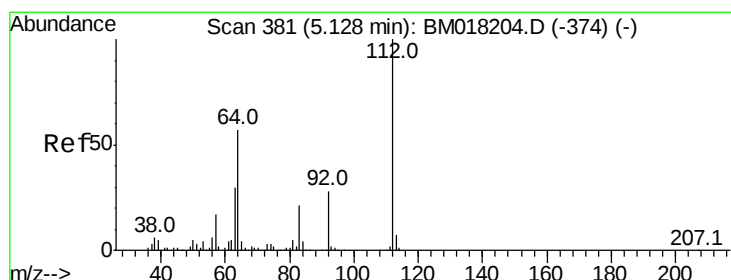
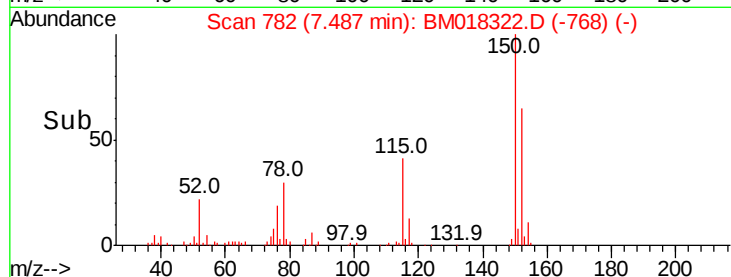
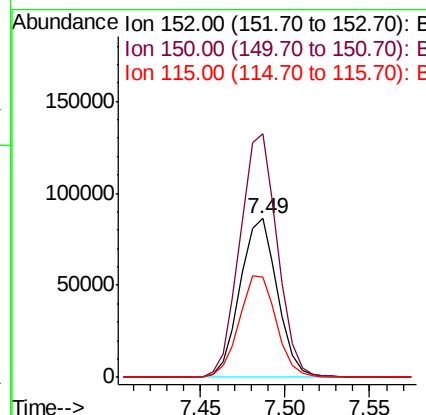
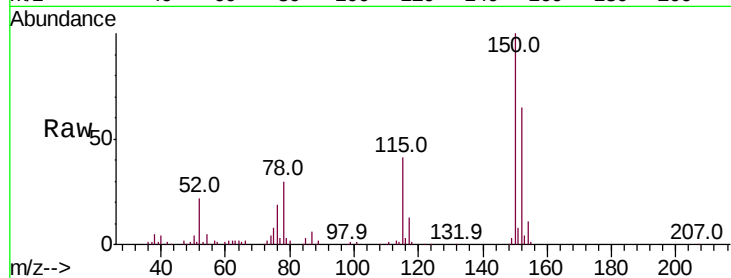
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.49 min Scan# 782
 Delta R.T. -0.02 min
 Lab File: BM018322.D
 Acq: 20 Dec 2018 07:14

Instrument :
 BNA_M
 ClientSampleId :
 EO-01-121818-A

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.5	116.1	174.1
115	63.3	44.6	67.0

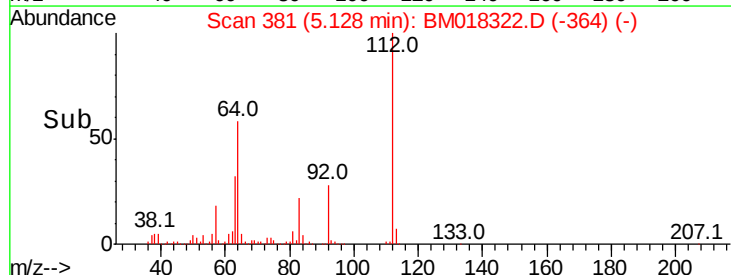
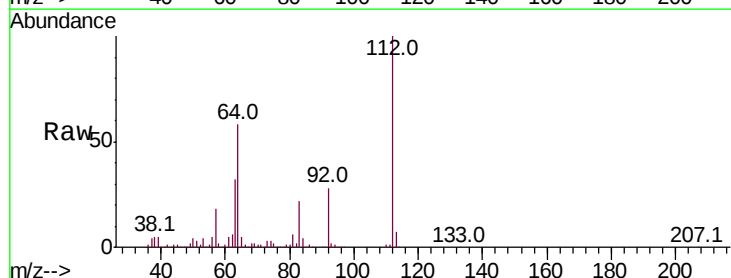
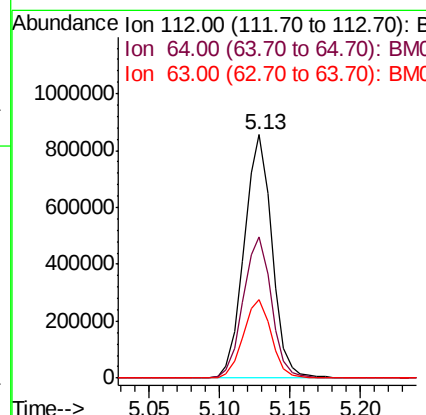
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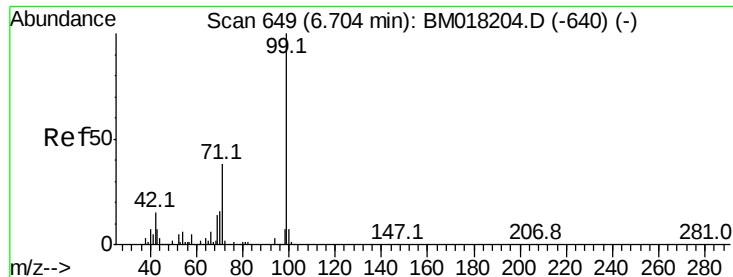
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#5
 2-Fluorophenol
 Concen: 149.409 ng
 RT: 5.13 min Scan# 381
 Delta R.T. -0.00 min
 Lab File: BM018322.D
 Acq: 20 Dec 2018 07:14

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.2	45.4	68.2
63	32.0	24.0	36.0





#7

Phenol-d6

Concen: 124.731 ng

RT: 6.69 min Scan# 647

Delta R.T. -0.01 min

Lab File: BM018322.D

Acq: 20 Dec 2018 07:14

Instrument :

BNA_M

ClientSampleId :

EO-01-121818-A

Tot Ion: 99 Resp: 1370274

Ion Ratio Lower Upper

99 100

42 16.2 12.3 18.5

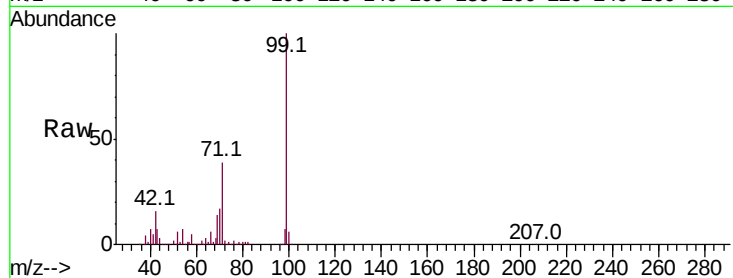
71 39.0 30.2 45.2

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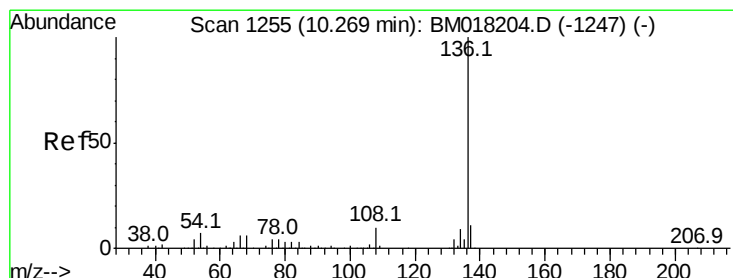
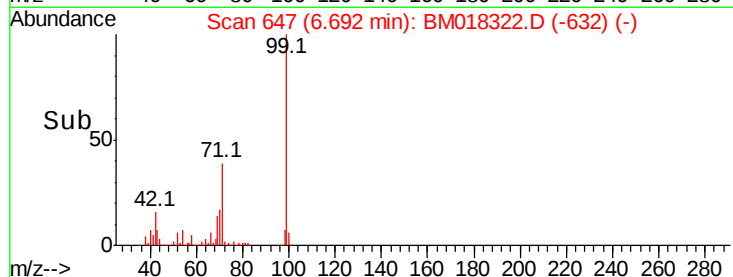
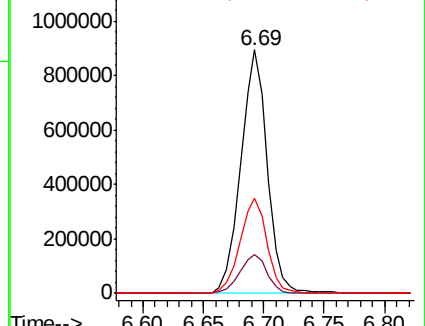
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Abundance Ion 99.00 (98.70 to 99.70): BM018204.D (-640) (-)

Ion 42.00 (41.70 to 42.70): BM018204.D (-640) (-)

Ion 71.00 (70.70 to 71.70): BM018204.D (-640) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.25 min Scan# 1252

Delta R.T. -0.02 min

Lab File: BM018322.D

Acq: 20 Dec 2018 07:14

Tgt Ion: 136 Resp: 472695

Ion Ratio Lower Upper

136 100

137 11.1 9.2 13.8

54 6.6 5.2 7.8

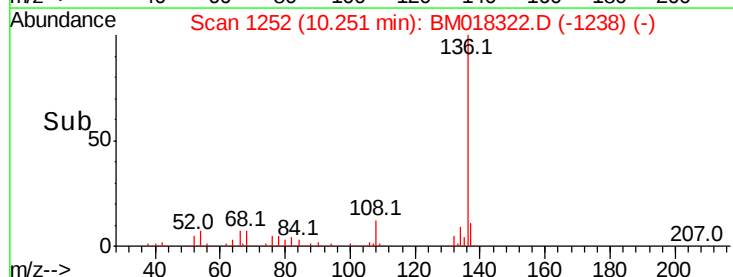
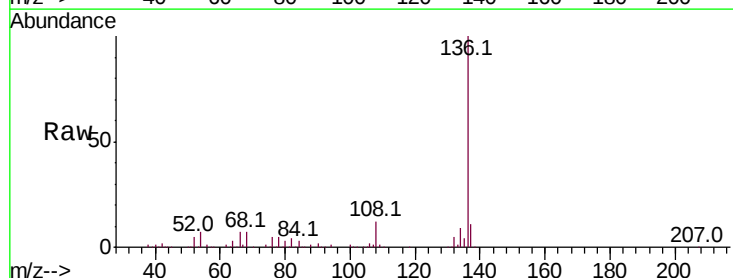
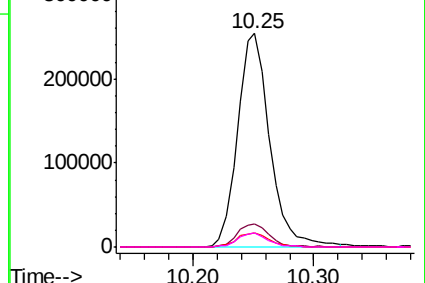
68 6.6 5.0 7.6

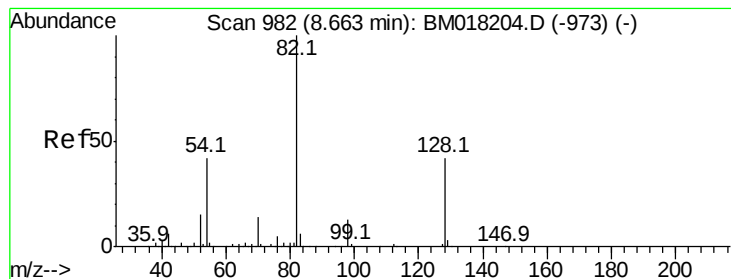
Abundance Ion 136.00 (135.70 to 136.70): BM018204.D (-1247) (-)

Ion 137.00 (136.70 to 137.70): BM018204.D (-1247) (-)

Ion 54.00 (53.70 to 54.70): BM018204.D (-1247) (-)

Ion 68.00 (67.70 to 68.70): BM018204.D (-1247) (-)





#23

Nitrobenzene-d5

Concen: 120.187 ng

RT: 8.65 min Scan# 979

Delta R.T. -0.02 min

Lab File: BM018322.D

Acq: 20 Dec 2018 07:14

Instrument :

BNA_M

ClientSampleId :

EO-01-121818-A

Tot Ion: 82 Resp: 1107579

Ion Ratio Lower Upper

82 100

128 38.2 33.4 50.2

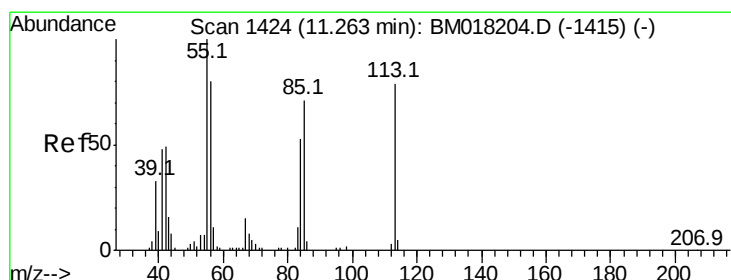
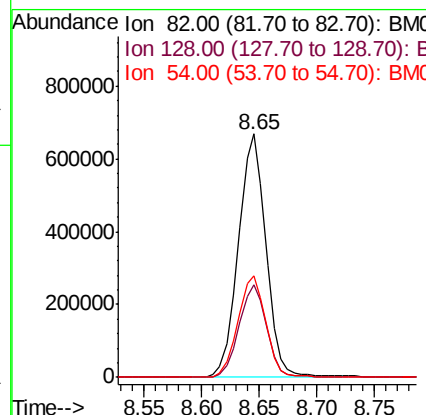
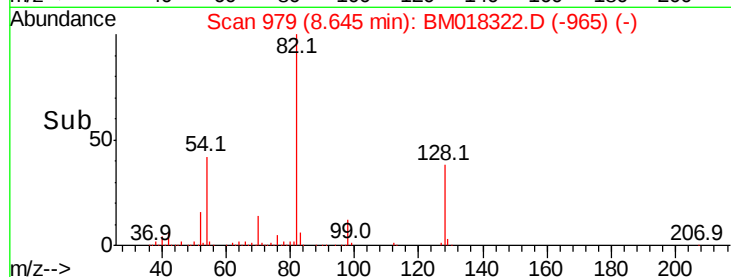
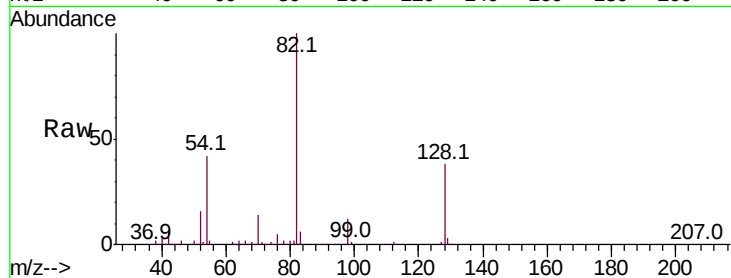
54 41.6 33.4 50.2

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#35

Caprolactam

Concen: 11.569 ng m

RT: 11.22 min Scan# 1417

Delta R.T. -0.04 min

Lab File: BM018322.D

Acq: 20 Dec 2018 07:14

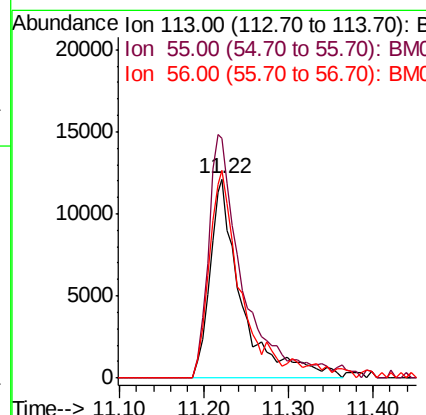
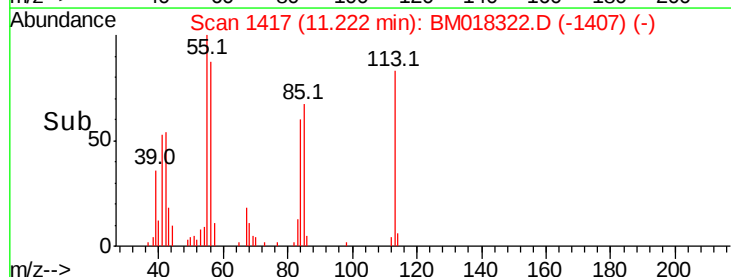
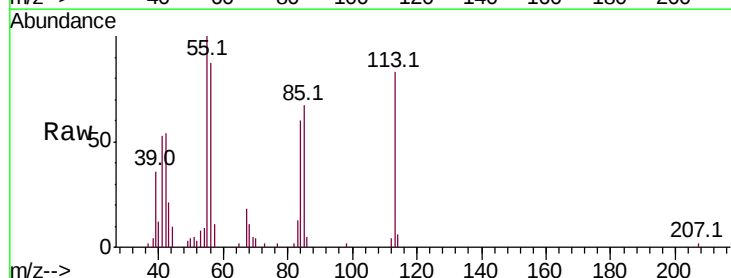
Tgt Ion: 113 Resp: 31815

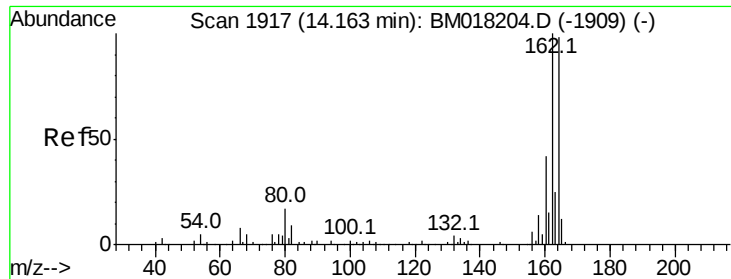
Ion Ratio Lower Upper

113 100

55 120.3 105.9 145.9

56 104.4 80.1 120.1





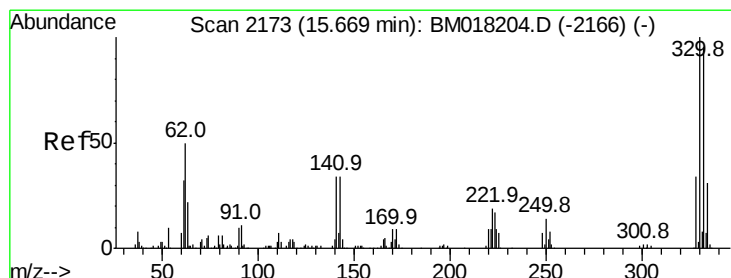
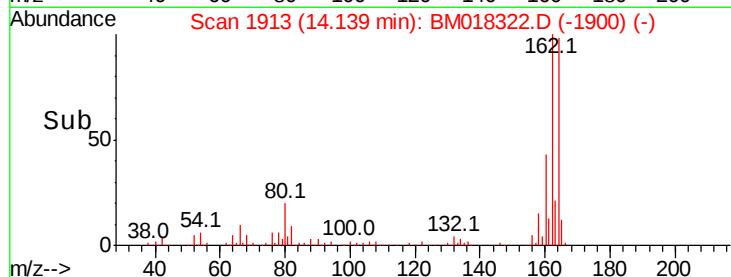
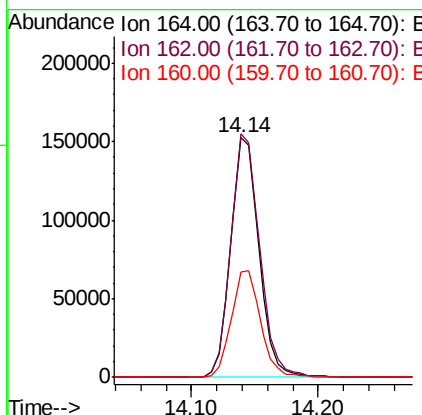
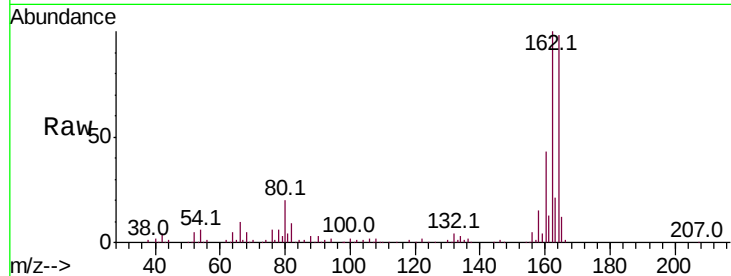
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.14 min Scan# 1913
 Delta R.T. -0.02 min
 Lab File: BM018322.D
 Acq: 20 Dec 2018 07:14

Instrument :
 BNA_M
 ClientSampleId :
 EO-01-121818-A

Tot Ion	Ratio	Lower	Upper
164	100		
162	101.8	81.8	122.6
160	44.2	34.6	51.8

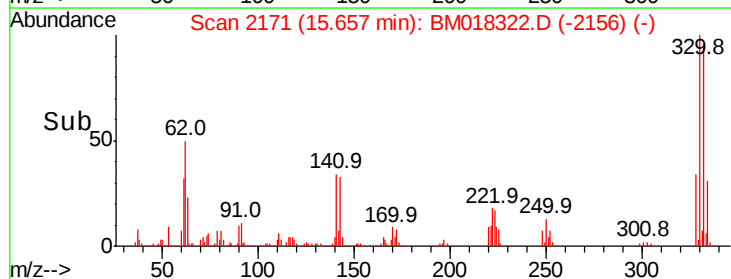
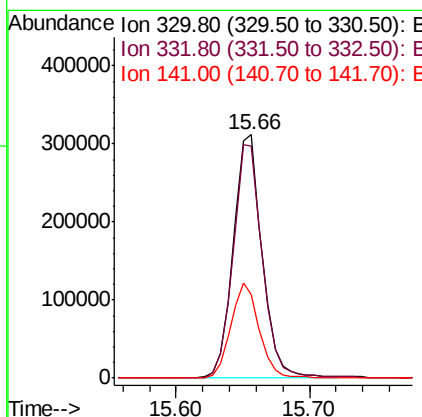
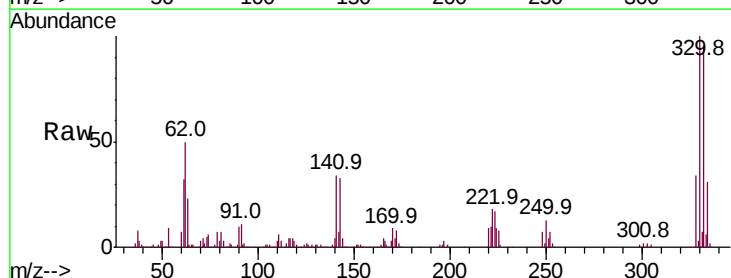
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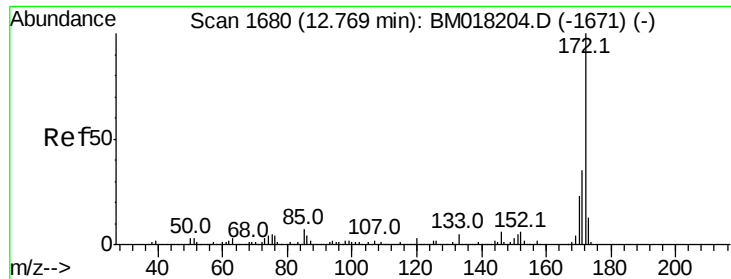
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#42
 2,4,6-Tribromophenol
 Concen: 136.811 ng
 RT: 15.66 min Scan# 2171
 Delta R.T. -0.01 min
 Lab File: BM018322.D
 Acq: 20 Dec 2018 07:14

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.9	78.6	118.0
141	38.3	27.1	40.7





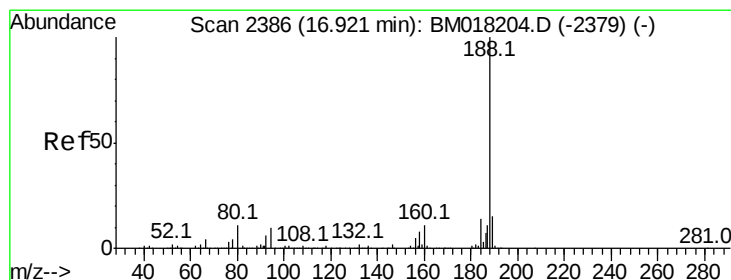
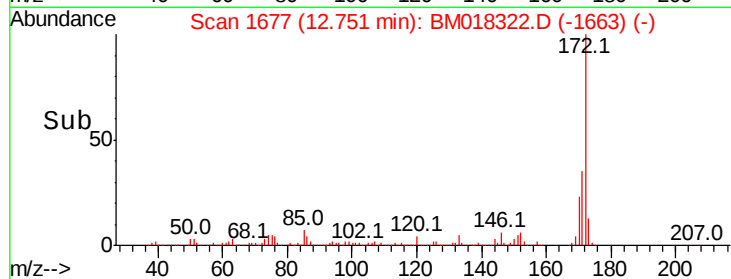
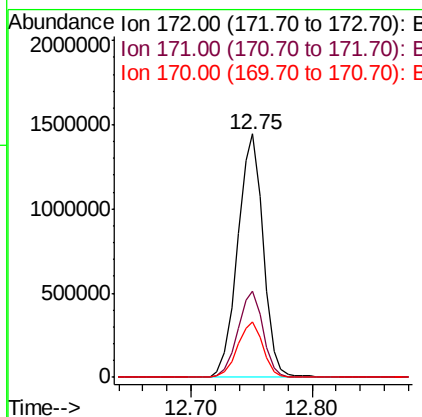
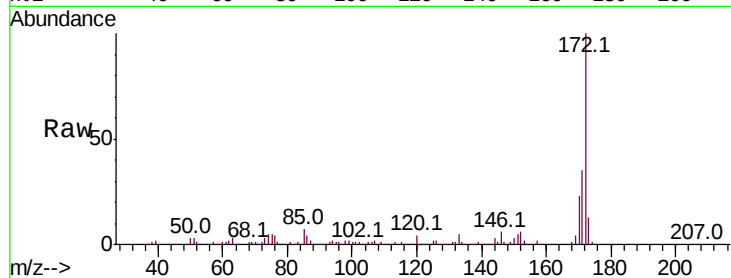
#45
 2-Fluorobiphenyl
 Concen: 117.905 ng
 RT: 12.75 min Scan# 1677
 Delta R.T. -0.02 min
 Lab File: BM018322.D
 Acq: 20 Dec 2018 07:14

Instrument :
 BNA_M
 ClientSampleId :
 EO-01-121818-A

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.2	28.3	42.5
170	22.6	18.1	27.1

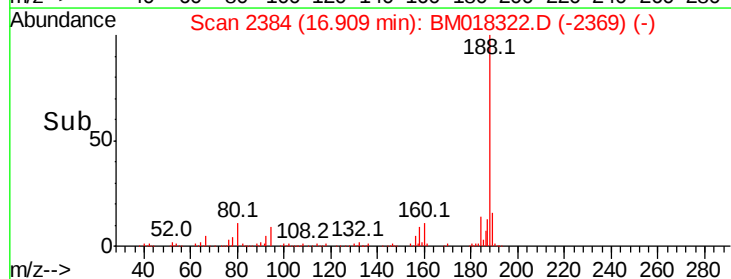
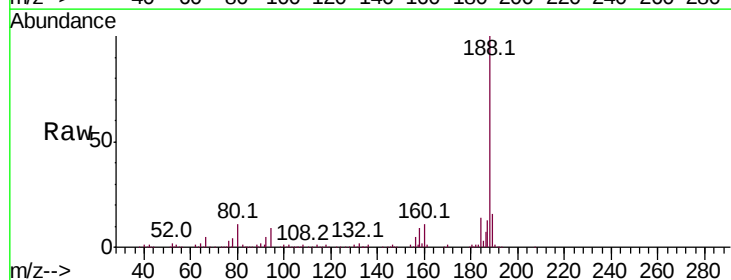
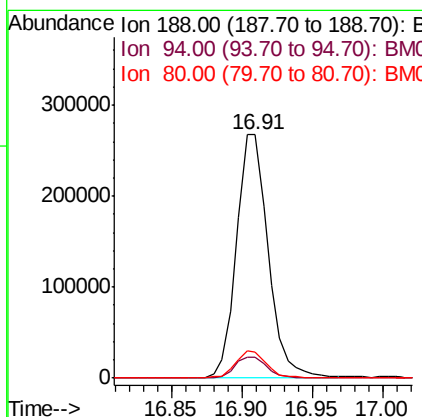
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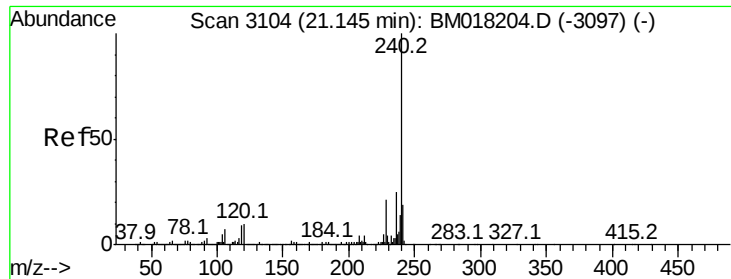
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#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 16.91 min Scan# 2384
 Delta R.T. -0.01 min
 Lab File: BM018322.D
 Acq: 20 Dec 2018 07:14

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.5	8.0	12.0
80	10.8	9.0	13.6





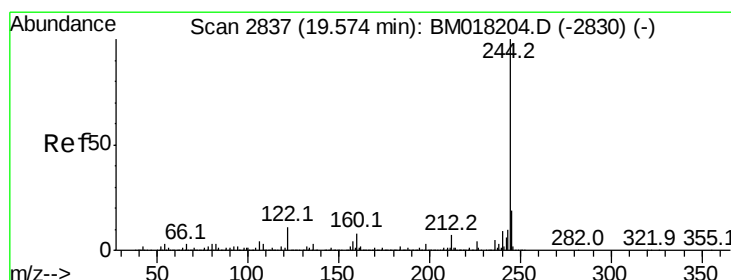
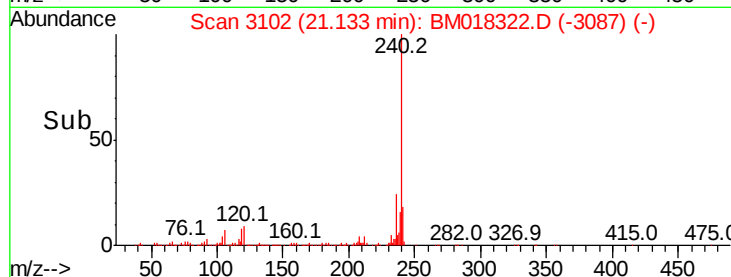
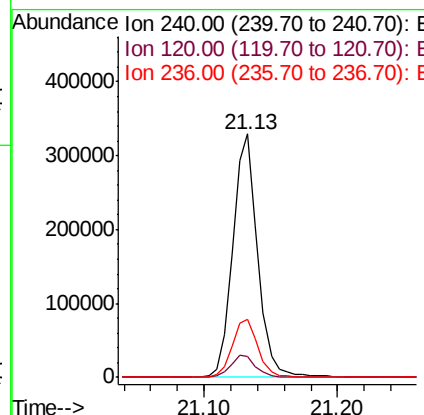
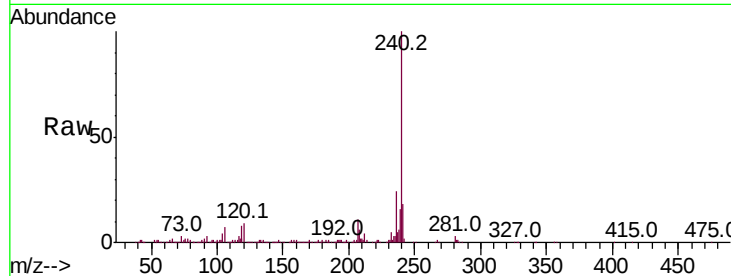
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.13 min Scan# 3102
Delta R.T. -0.01 min
Lab File: BM018322.D
Acq: 20 Dec 2018 07:14

Instrument :
BNA_M
ClientSampleId :
EO-01-121818-A

Tot Ion	Ratio	Lower	Upper
240	100		
120	8.5	8.2	12.2
236	23.8	20.3	30.5

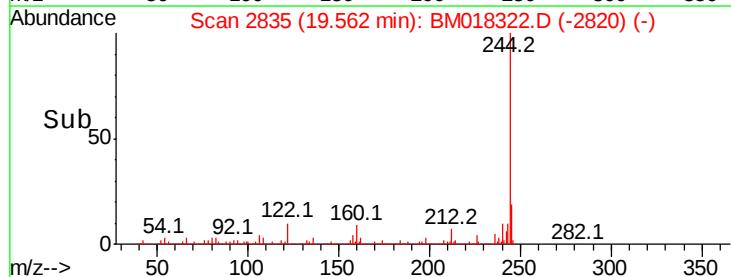
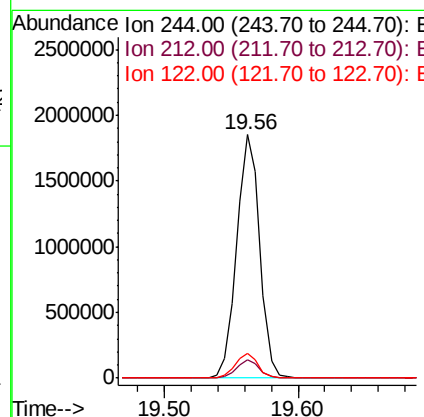
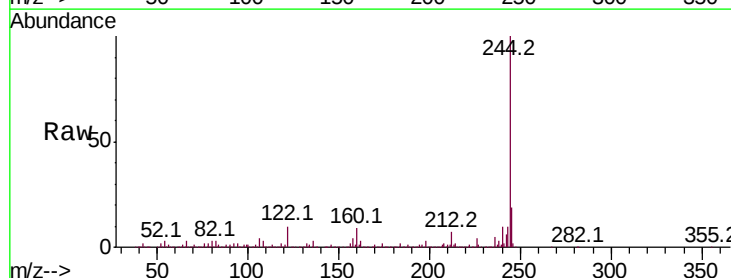
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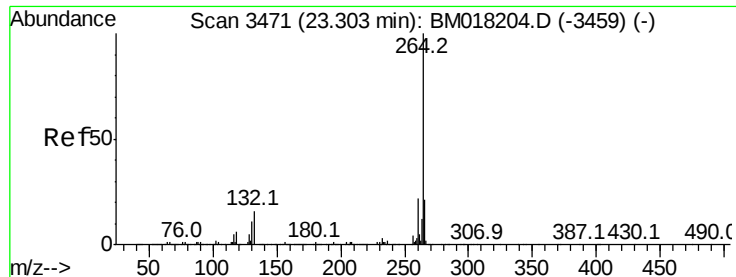
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#79
Terphenyl-d14
Concen: 117.898 ng
RT: 19.56 min Scan# 2835
Delta R.T. -0.01 min
Lab File: BM018322.D
Acq: 20 Dec 2018 07:14

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.4	5.8	8.8
122	10.3	9.0	13.6





#87

Pervlene-d12

Concen: 20.000 ng

RT: 23.29 min Scan# 3468

Delta R.T. -0.02 min

Lab File: BM018322.D

Acq: 20 Dec 2018 07:14

Instrument :

BNA_M

ClientSampleId :

EO-01-121818-A

Tot Ion:	264	Resp:	490963
Ion Ratio	Lower	Upper	
264	100		
260	23.0	17.5	26.3
265	22.7	17.3	25.9

Manual Integrations
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