

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM030419\
 Data File : BM019010.D
 Acq On : 04 Mar 2019 15:29
 Operator : JU/SJ
 Sample : K1638-07
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 WS-1D(BASE-OF-TANK)

Manual Integrations
 APPROVED

Sohil
 3/5/2019 5:23:43 PM

Quant Time: Mar 05 03:57:00 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM021119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 05 03:36:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	264533	20.00	ng	0.00
21) Naphthalene-d8	10.47	136	1100225	20.00	ng	0.00
39) Acenaphthene-d10	14.33	164	616888	20.00	ng	0.00
64) Phenanthrene-d10	17.09	188	1260190	20.00	ng	0.00
76) Chrysene-d12	21.29	240	1008180	20.00	ng	0.00
87) Perylene-d12	23.53	264	1007701	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.27	112	693701	42.97	ng	0.00
7) Phenol-d6	6.86	99	633995	27.87	ng	0.00
23) Nitrobenzene-d5	8.85	82	1328823	55.85	ng	0.00
42) 2,4,6-Tribromophenol	15.83	330	727127	81.77	ng	0.00
45) 2-Fluorobiphenyl	12.95	172	2532419	54.49	ng	0.00
79) Terphenyl-d14	19.72	244	3324326	68.02	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.24	88	64448	9.165	ng	99
9) Benzaldehyde	6.84	77	286322	19.747	ng	99
15) Benzyl Alcohol	7.93	79	443196	24.523	ng	99
22) Acetophenone	8.51	105	1295628	42.881	ng	# 100
35) Caprolactam	11.49	113	103394m	15.358	ng	
50) Dimethylphthalate	13.80	163	1202430	23.388	ng	100

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

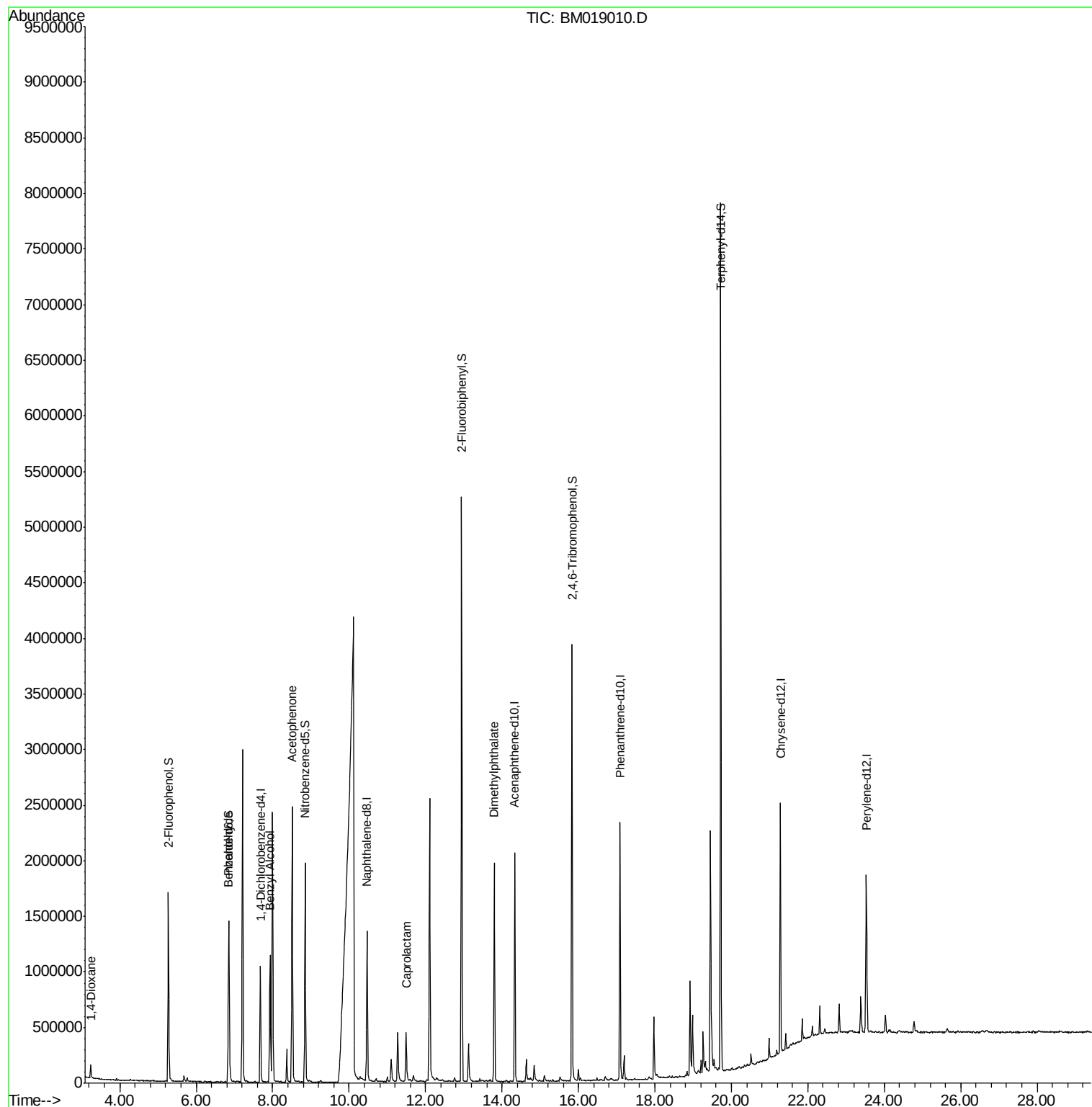
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM030419\
Data File : BM019010.D
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Operator : JU/SJ
Sample : K1638-07
Misc :
ALS Vial : 9 Sample Multiplier: 1

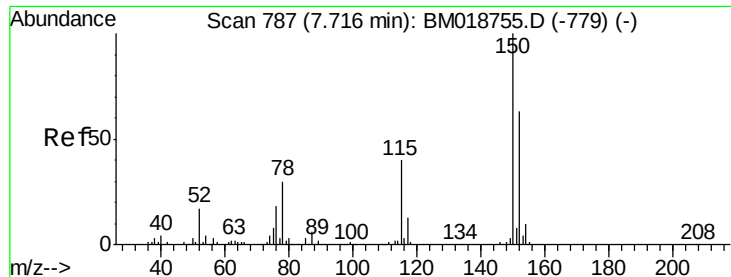
Instrument :
BNA_M
ClientSampleId :
WS-1D(BASE-OF-TANK)

Manual Integrations
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM021119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

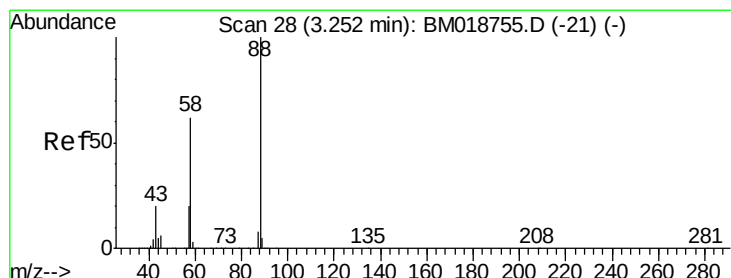
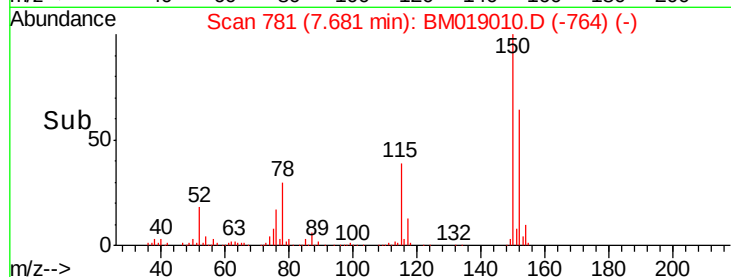
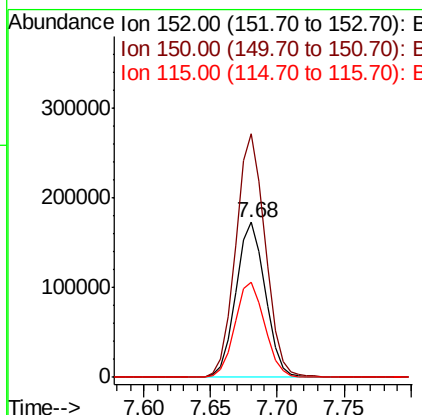
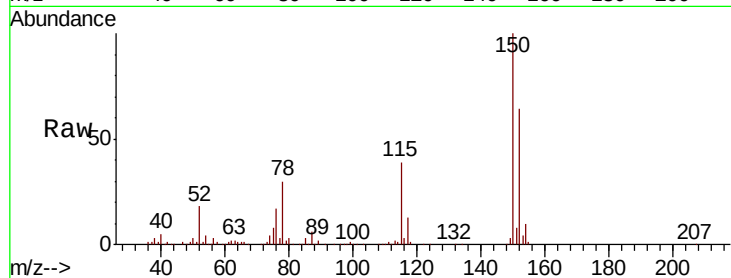
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.68 min Scan# 781
Delta R.T. -0.00 min
Lab File: BM019010.D
Acq: 04 Mar 2019 15:29

Instrument :
BNA_M
ClientSampleId :
WS-1D(BASE-OF-TANK)

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.3	127.3	190.9
115	61.1	50.8	76.2

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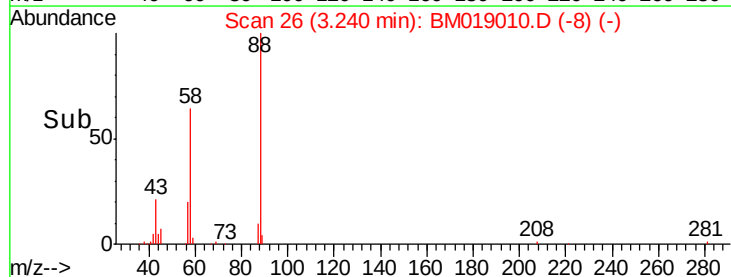
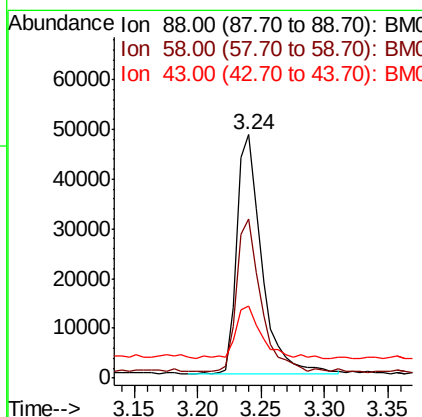
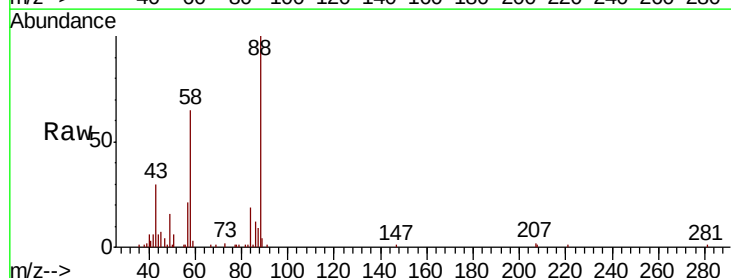
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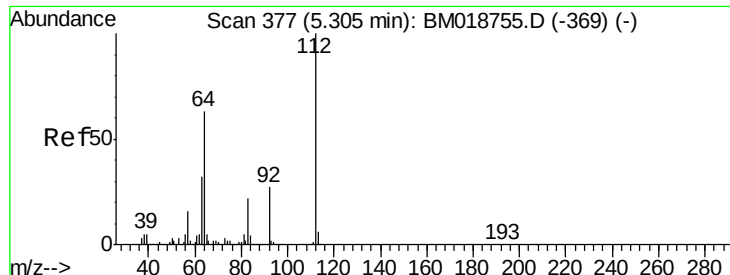


#2

1,4-Dioxane
Concen: 9.165 ng
RT: 3.24 min Scan# 26
Delta R.T. 0.01 min
Lab File: BM019010.D
Acq: 04 Mar 2019 15:29

Tgt Ion	Ratio	Lower	Upper
88	100		
58	62.9	49.8	74.6
43	22.3	16.7	25.1





#5

2-Fluorophenol

Concen: 42.967 ng

RT: 5.27 min Scan# 372

Delta R.T. -0.00 min

Lab File: BM019010.D

Acq: 04 Mar 2019 15:29

Instrument :

BNA_M

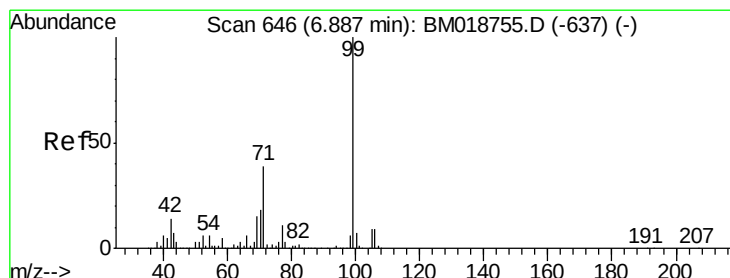
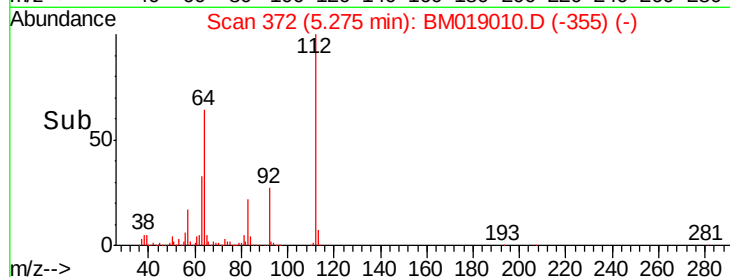
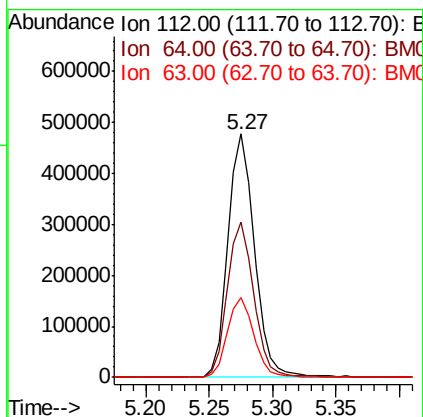
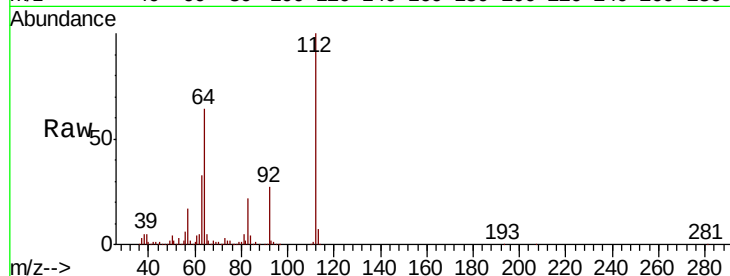
ClientSampleId :

WS-1D(BASE-OF-TANK)

Tot Ion:	112	Resp:	693701
Ion Ratio	Lower	Upper	
112	100		
64	63.9	50.6	75.8
63	32.6	25.7	38.5

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#7

Phenol-d6

Concen: 27.875 ng

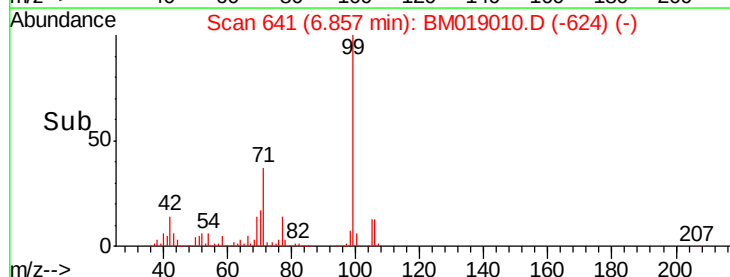
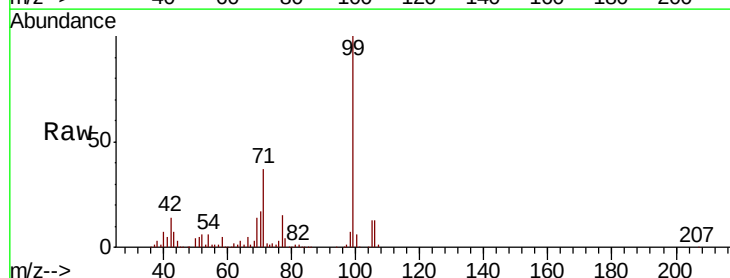
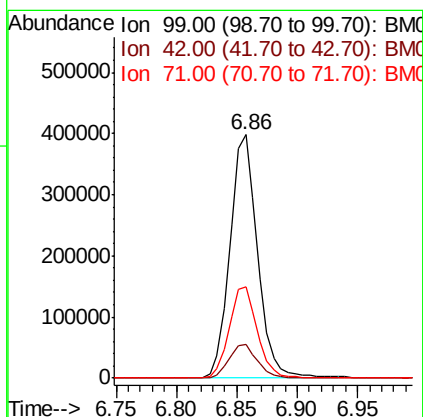
RT: 6.86 min Scan# 641

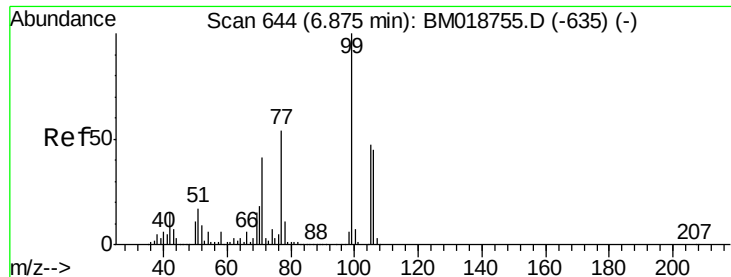
Delta R.T. -0.00 min

Lab File: BM019010.D

Acq: 04 Mar 2019 15:29

Tgt Ion:	99	Resp:	633995
Ion Ratio	Lower	Upper	
99	100		
42	13.6	11.0	16.6
71	37.5	31.3	46.9





#9

Benzaldehyde

Concen: 19.747 ng

RT: 6.84 min Scan# 638

Delta R.T. -0.00 min

Lab File: BM019010.D

Acq: 04 Mar 2019 15:29

Instrument :

BNA_M

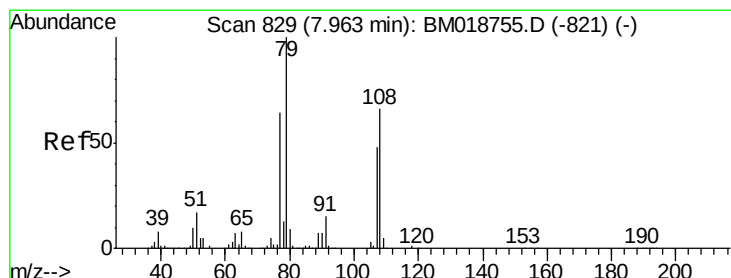
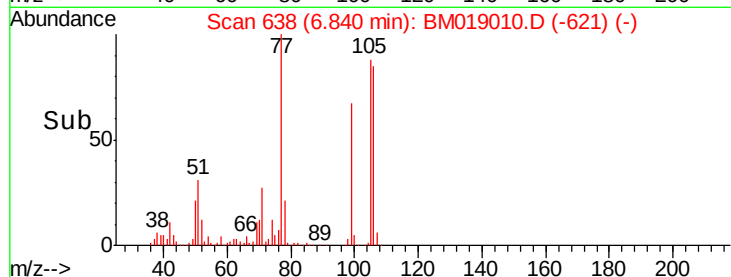
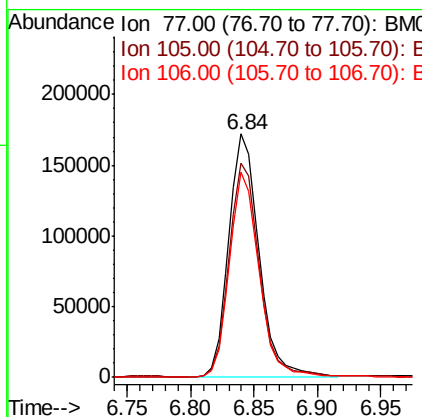
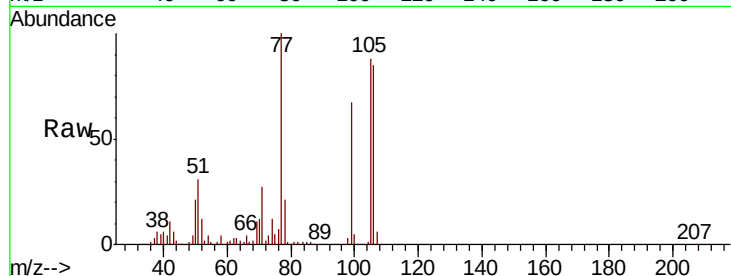
ClientSampleId :

WS-1D(BASE-OF-TANK)

Tot Ion:	77	Resp:	286322
Ion Ratio	Lower	Upper	
77	100		
105	87.8	67.3	107.3
106	84.5	62.9	102.9

Manual Integrations
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#15

Benzyl Alcohol

Concen: 24.523 ng

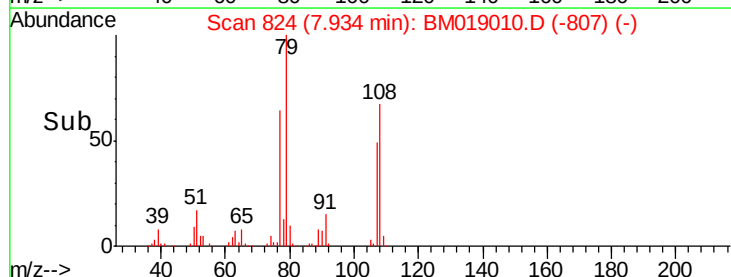
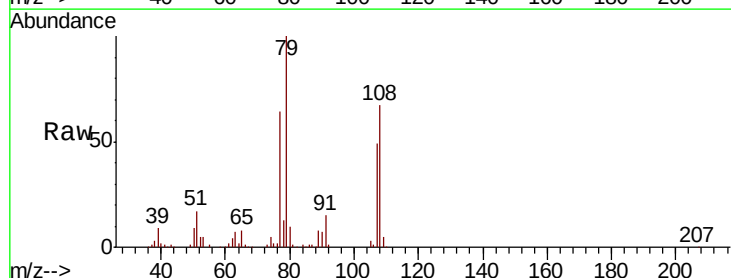
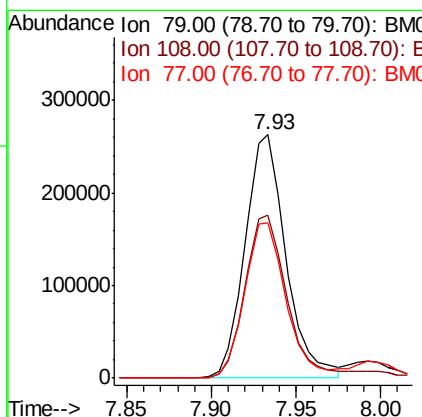
RT: 7.93 min Scan# 824

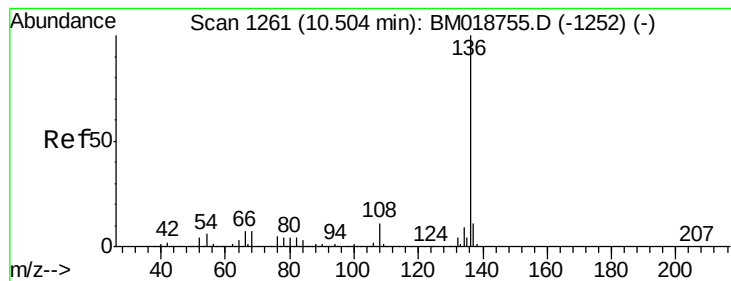
Delta R.T. -0.00 min

Lab File: BM019010.D

Acq: 04 Mar 2019 15:29

Tgt Ion:	79	Resp:	443196
Ion Ratio	Lower	Upper	
79	100		
108	67.0	52.7	79.1
77	63.6	51.0	76.4





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.47 min Scan# 1255

Delta R.T. -0.00 min

Lab File: BM019010.D

Acq: 04 Mar 2019 15:29

Instrument :

BNA_M

ClientSampleId :

WS-1D(BASE-OF-TANK)

Tot Ion:136 Resp: 1100225

Ion Ratio Lower Upper

136 100

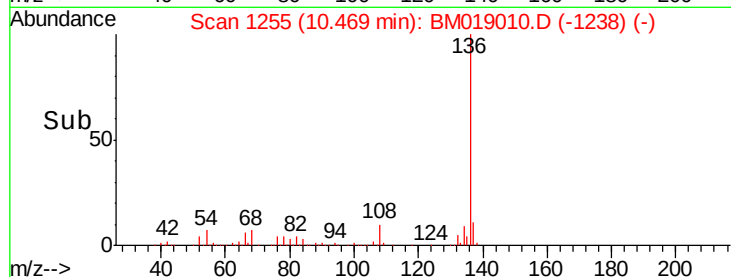
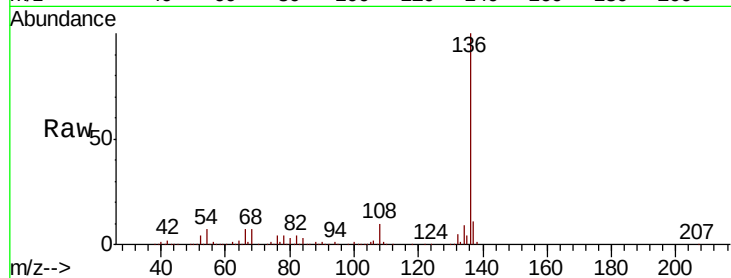
137 11.3 8.8 13.2

54 6.7 5.0 7.6

68 7.2 5.5 8.3

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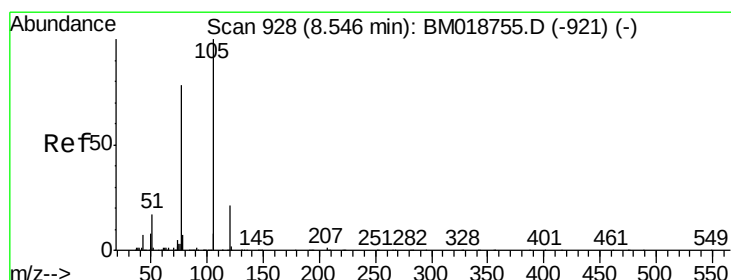
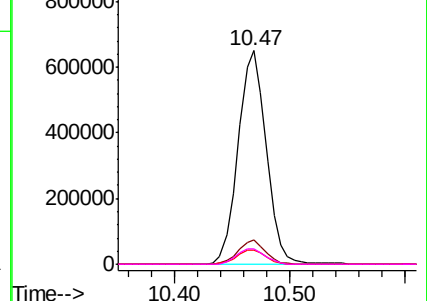


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BM

Ion 68.00 (67.70 to 68.70): BM



#22

Acetophenone

Concen: 42.881 ng

RT: 8.51 min Scan# 922

Delta R.T. -0.00 min

Lab File: BM019010.D

Acq: 04 Mar 2019 15:29

Tgt Ion:105 Resp: 1295628

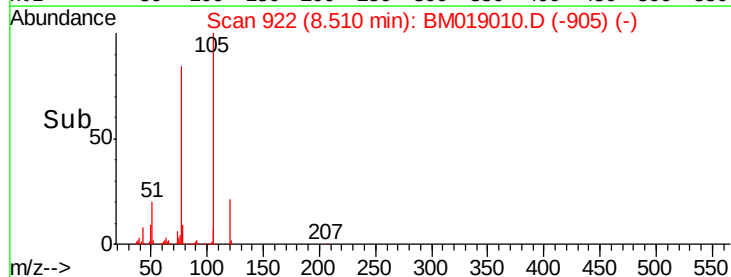
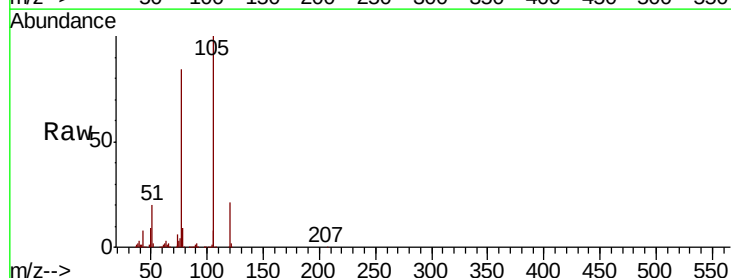
Ion Ratio Lower Upper

105 100

71 0.0 1.1 1.7#

51 19.7 15.5 23.3

120 21.2 17.0 25.4

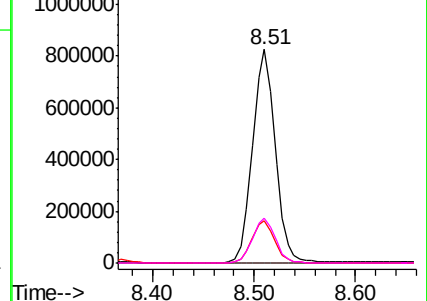


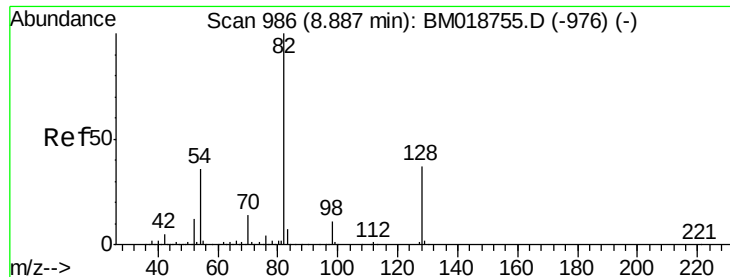
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BM

Ion 51.00 (50.70 to 51.70): BM

Ion 120.00 (119.70 to 120.70): E





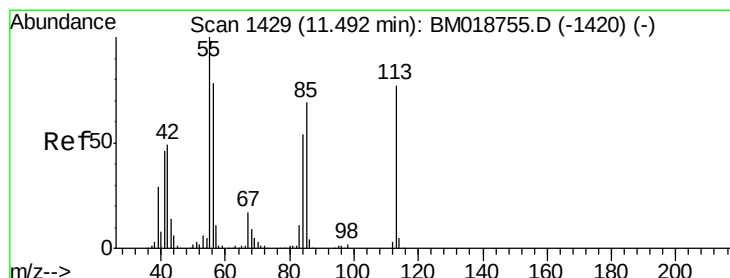
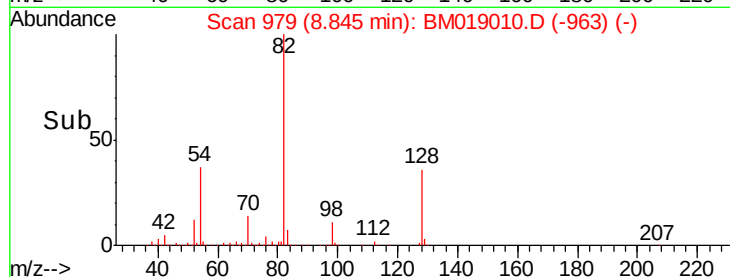
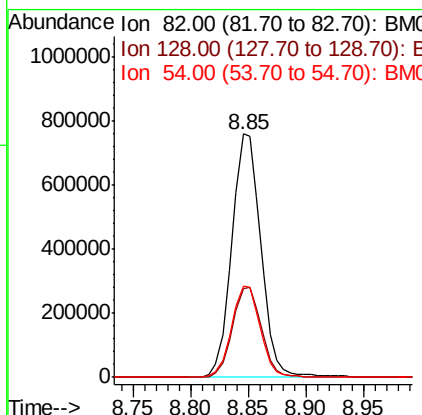
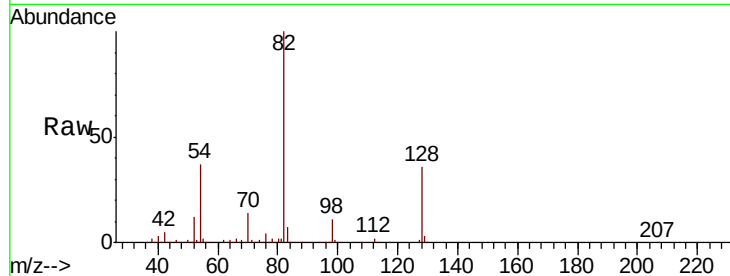
#23
Nitrobenzene-d5
Concen: 55.846 ng
RT: 8.85 min Scan# 979
Delta R.T. -0.01 min
Lab File: BM019010.D
Acq: 04 Mar 2019 15:29

Instrument :
BNA_M
ClientSampleId :
WS-1D(BASE-OF-TANK)

Tot Ion	Ratio	Lower	Upper
82	100		
128	36.4	29.9	44.9
54	37.3	29.1	43.7

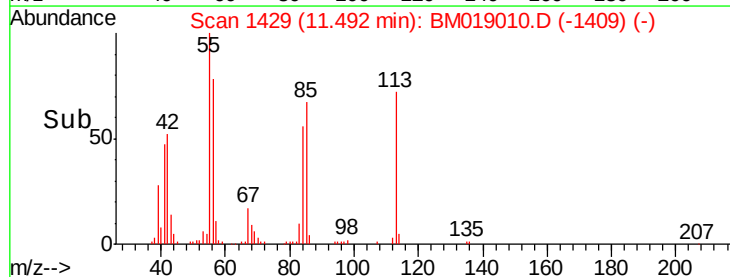
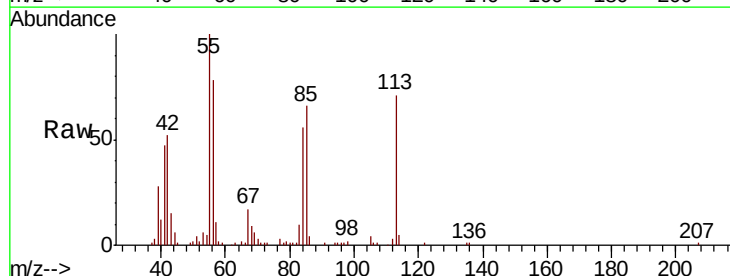
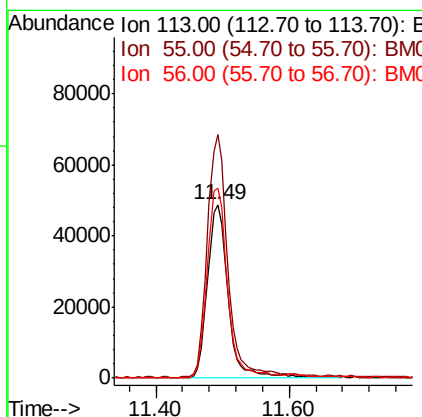
Manual Integrations
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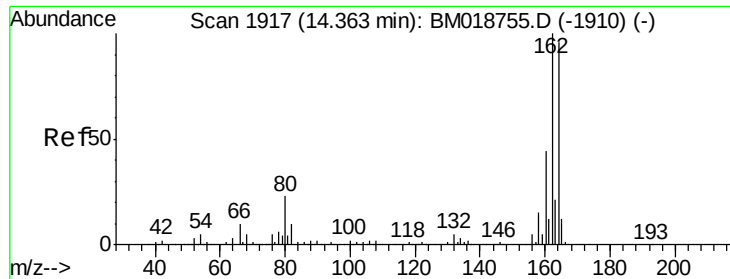
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#35
Caprolactam
Concen: 15.358 ng m
RT: 11.49 min Scan# 1429
Delta R.T. 0.02 min
Lab File: BM019010.D
Acq: 04 Mar 2019 15:29

Tgt Ion	Ratio	Lower	Upper
113	100		
55	140.3	110.7	150.7
56	109.1	82.4	122.4





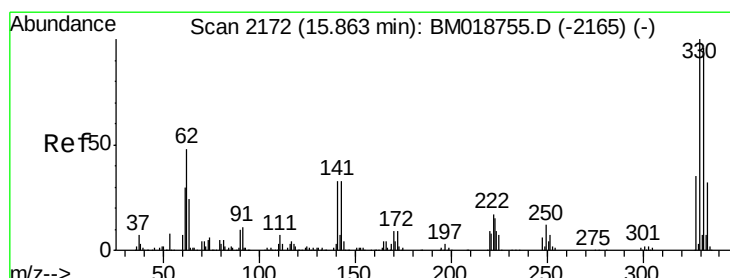
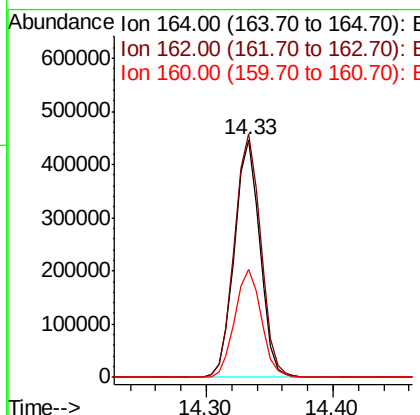
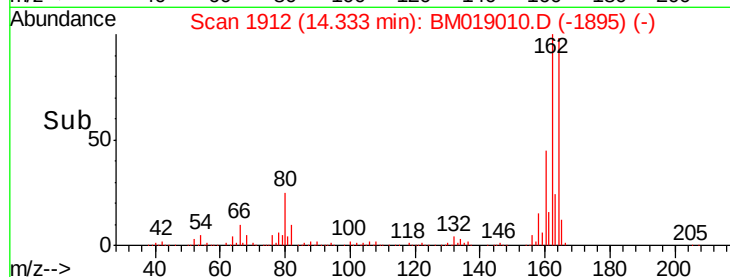
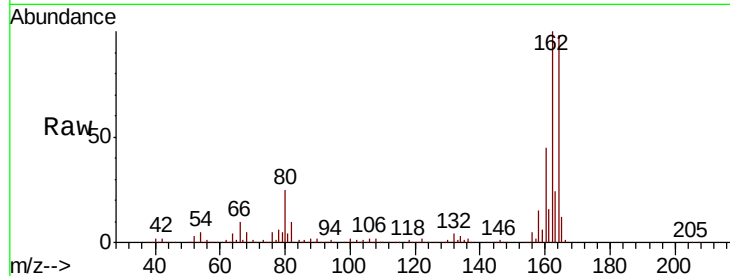
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.33 min Scan# 1912
Delta R.T. -0.00 min
Lab File: BM019010.D
Acq: 04 Mar 2019 15:29

Instrument :
BNA_M
ClientSampleId :
WS-1D(BASE-OF-TANK)

Tot Ion	Ratio	Lower	Upper
164	100		
162	102.5	83.4	125.0
160	45.6	36.6	55.0

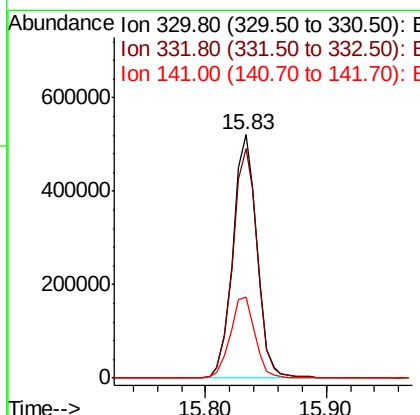
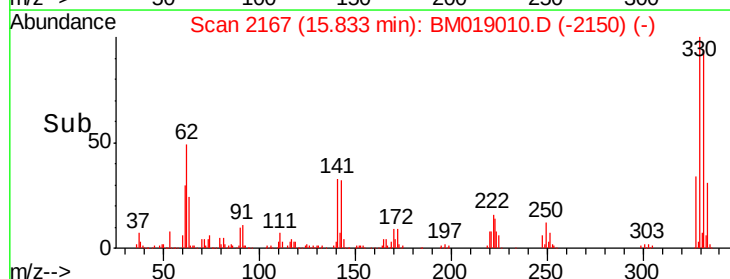
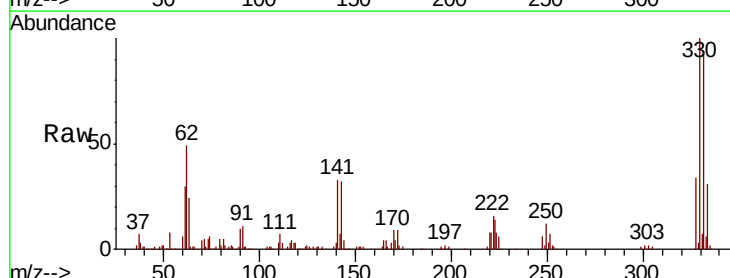
Manual Integrations
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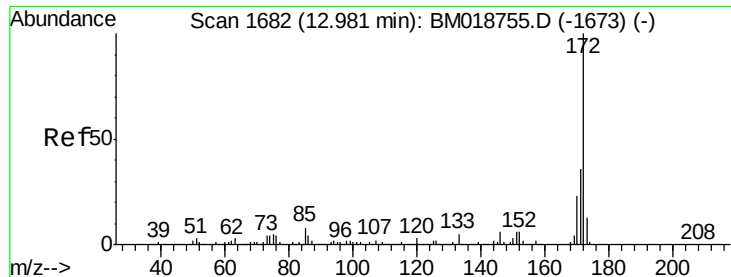
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#42
2,4,6-Tribromophenol
Concen: 81.771 ng
RT: 15.83 min Scan# 2167
Delta R.T. -0.00 min
Lab File: BM019010.D
Acq: 04 Mar 2019 15:29

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.2	76.9	115.3
141	34.4	28.7	43.1





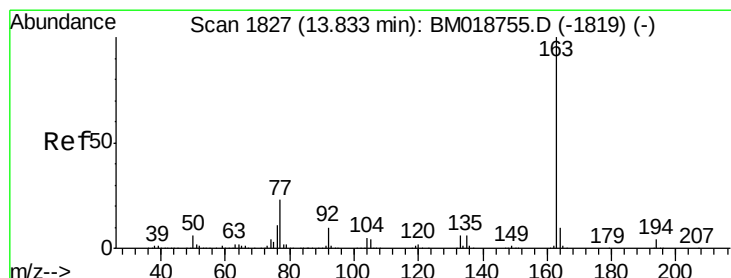
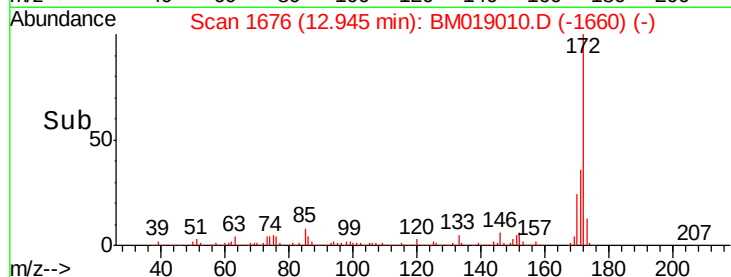
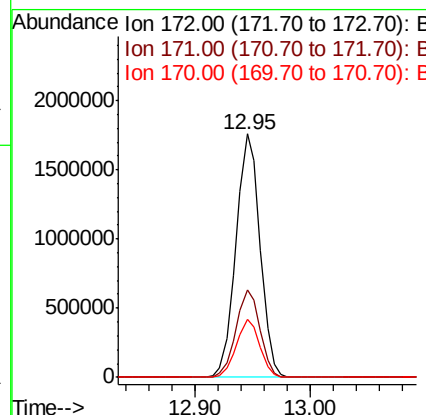
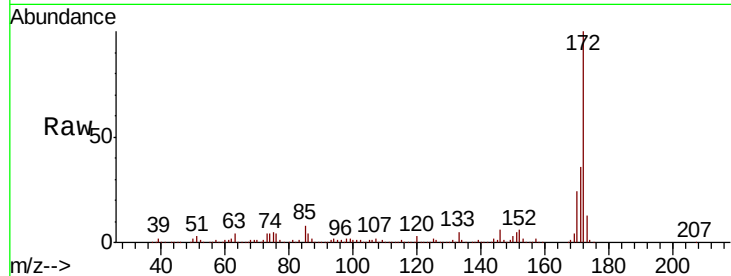
#45
2-Fluorobiphenyl
Concen: 54.495 ng
RT: 12.95 min Scan# 1676
Delta R.T. -0.01 min
Lab File: BM019010.D
Acq: 04 Mar 2019 15:29

Instrument :
BNA_M
ClientSampleId :
WS-1D(BASE-OF-TANK)

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.0	43.6
170	23.8	18.6	28.0

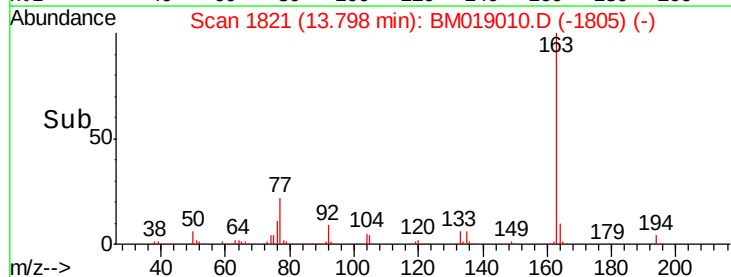
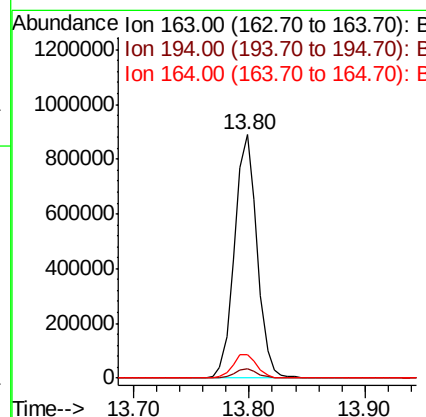
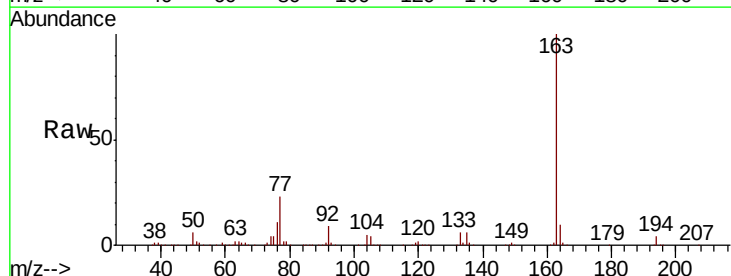
Manual Integrations
APPROVED

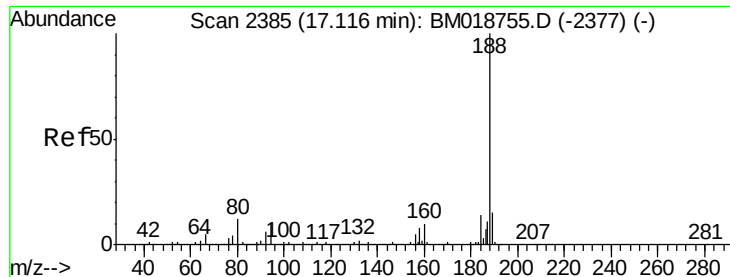
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#50
Dimethylphthalate
Concen: 23.388 ng
RT: 13.80 min Scan# 1821
Delta R.T. -0.01 min
Lab File: BM019010.D
Acq: 04 Mar 2019 15:29

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.8	3.2	4.8
164	9.7	7.8	11.8





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.09 min Scan# 2380

Delta R.T. -0.00 min

Lab File: BM019010.D

Acq: 04 Mar 2019 15:29

Instrument :

BNA_M

ClientSampleId :

WS-1D(BASE-OF-TANK)

Tot Ion:188 Resp: 1260190

Ion Ratio Lower Upper

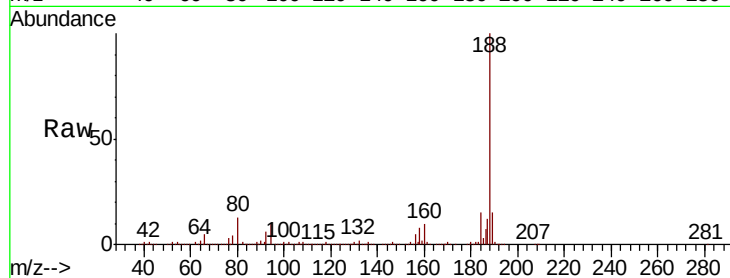
188 100

94 10.3 8.2 12.2

80 12.5 9.7 14.5

Manual Integrations
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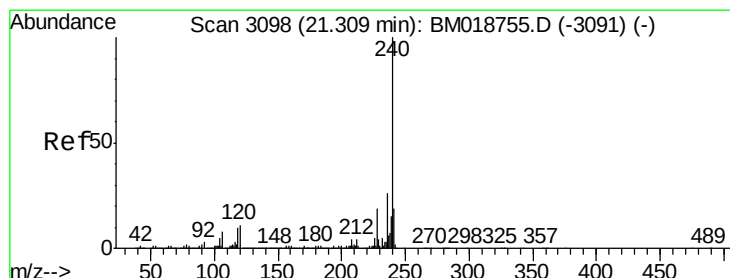
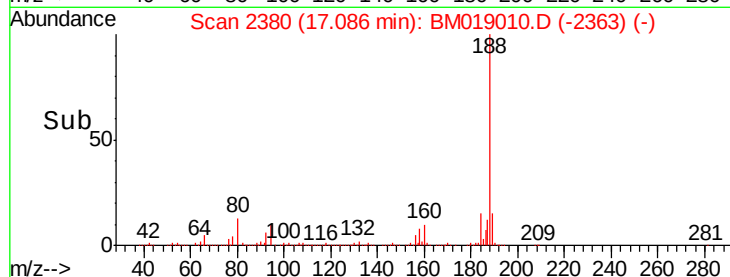
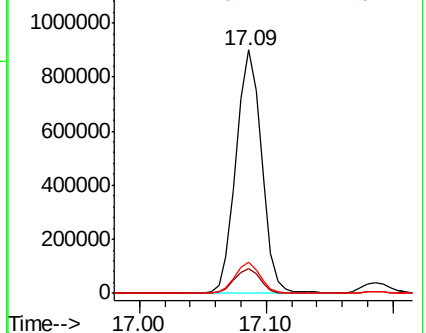
Sohil
3/5/2019 5:23:43 PM



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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.29 min Scan# 3094

Delta R.T. -0.00 min

Lab File: BM019010.D

Acq: 04 Mar 2019 15:29

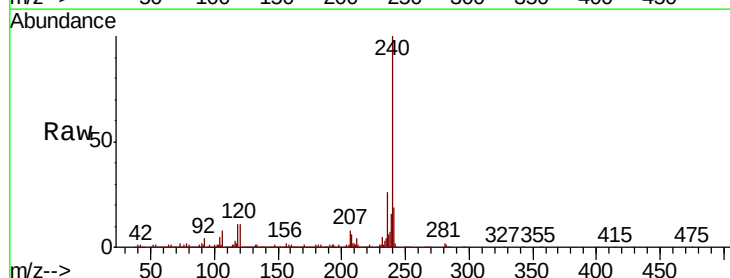
Tgt Ion:240 Resp: 1008180

Ion Ratio Lower Upper

240 100

120 11.1 8.9 13.3

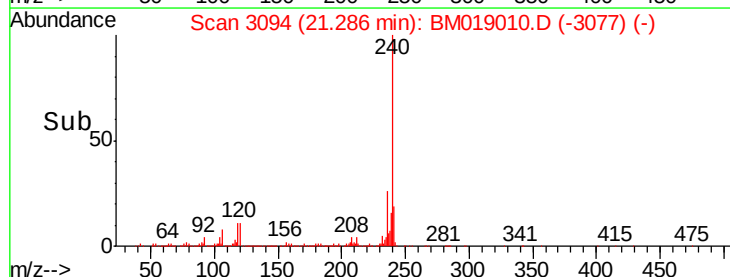
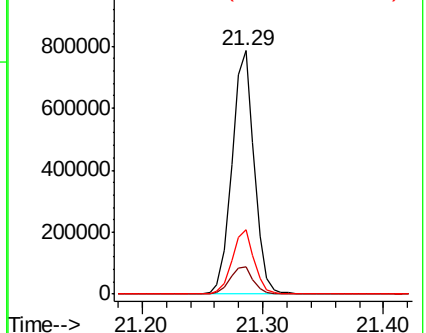
236 26.2 20.9 31.3

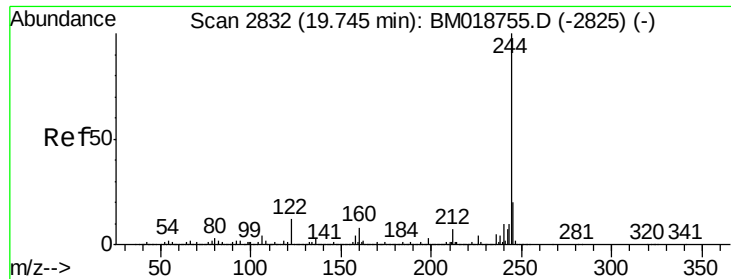


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 68.021 ng

RT: 19.72 min Scan# 2828

Delta R.T. -0.01 min

Lab File: BM019010.D

Acq: 04 Mar 2019 15:29

Instrument :

BNA_M

ClientSampleId :

WS-1D(BASE-OF-TANK)

Tot Ion:244 Resp: 3324326

Ion Ratio Lower Upper

244 100

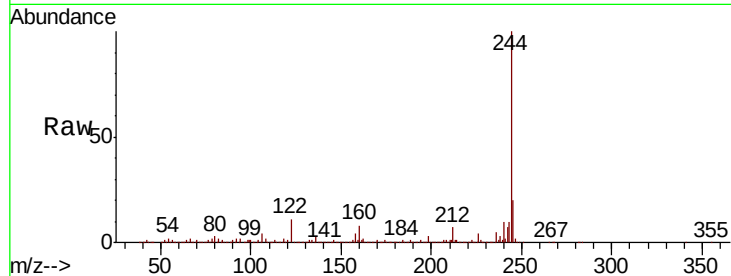
212 6.7 5.6 8.4

122 11.4 9.3 13.9

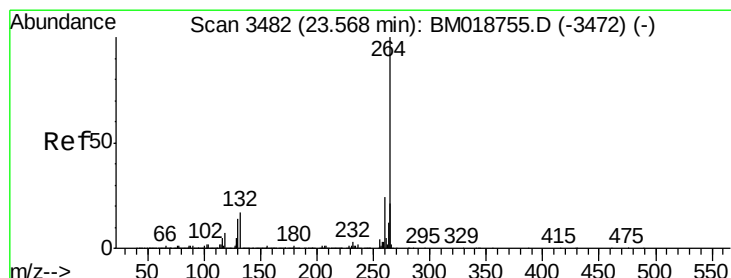
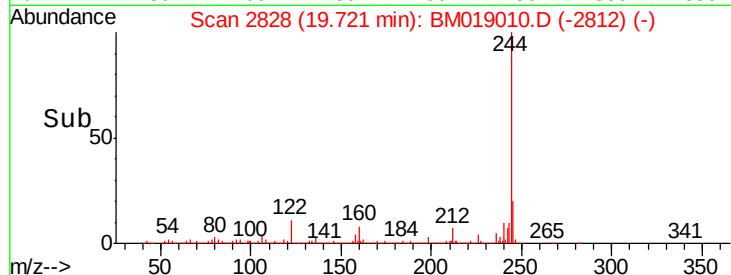
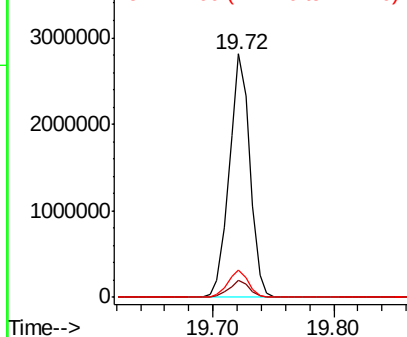
Manual Integrations
APPROVED

Sohil

3/5/2019 5:23:43 PM



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: 23.53 min Scan# 3476

Delta R.T. -0.00 min

Lab File: BM019010.D

Acq: 04 Mar 2019 15:29

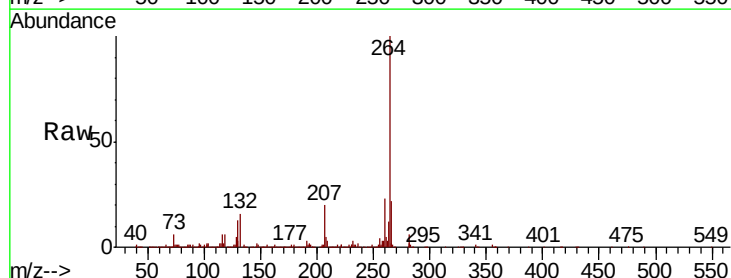
Tgt Ion:264 Resp: 1007701

Ion Ratio Lower Upper

264 100

260 23.2 18.9 28.3

265 21.5 17.3 25.9



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

