

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082718\
 Data File : BM016613.D
 Acq On : 27 Aug 2018 19:04
 Operator : SJ/JU
 Sample : J4652-04
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SONO-W

Manual Integrations
 APPROVED

Sohil
 8/28/2018 11:16:57 AM

Quant Time: Aug 28 10:43:12 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM082118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 27 13:01:22 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	104455	20.00	ng	0.00
21) Naphthalene-d8	10.81	136	385779	20.00	ng	0.00
38) Acenaphthene-d10	14.65	164	320539	20.00	ng	0.00
63) Phenanthrene-d10	17.40	188	1061163	20.00	ng	0.02
75) Chrysene-d12	21.53	240	1334688	20.00	ng	0.00
86) Perylene-d12	23.81	264	1371006	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.55	112	292198	54.82	ng	0.00
7) Phenol-d6	7.19	99	231734	32.85	ng	0.00
23) Nitrobenzene-d5	9.19	82	626384	74.14	ng	0.00
41) 2,4,6-Tribromophenol	16.14	330	1222745	136.46	ng	0.00
44) 2-Fluorobiphenyl	13.26	172	2398452	71.92	ng	0.00
78) Terphenyl-d14	19.98	244	6530398	103.56	ng	0.00
Target Compounds						
10) Phenol	7.21	94	21551	3.089	ng	# 64
42) 2,4,6-Trichlorophenol	13.10	196	29590	2.733	ng	# 93
49) Dimethylphthalate	14.11	163	78053	2.535	ng	# 93
58) 2,3,4,6-Tetrachlorophenol	15.29	232	4751973	467.549	ng	# 100
69) Pentachlorophenol	17.05	266	42147884m	4189.291	ng	

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

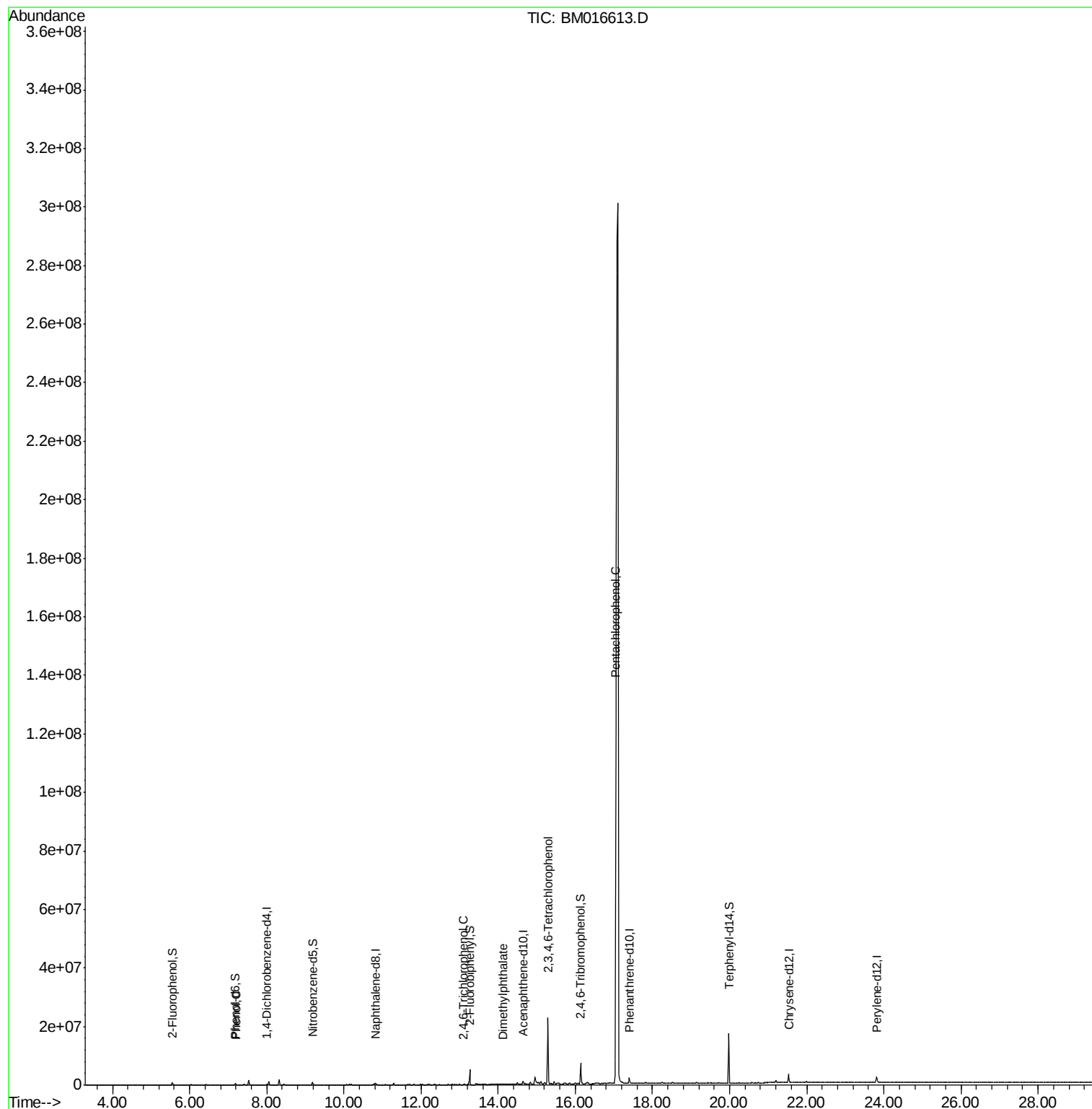
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082718\
Data File : BM016613.D
Acq On : 27 Aug 2018 19:04
Operator : SJ/JU
Sample : J4652-04
Misc :
ALS Vial : 17 Sample Multiplier: 1

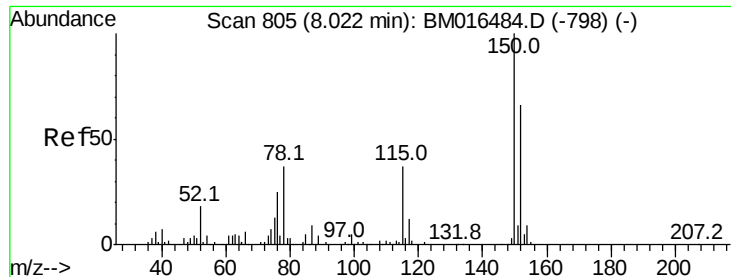
Instrument :
BNA_M
ClientSampleId :
SONO-W

Quant Time: Aug 28 10:43:12 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM082118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 27 13:01:22 2018
Response via : Initial Calibration

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#1

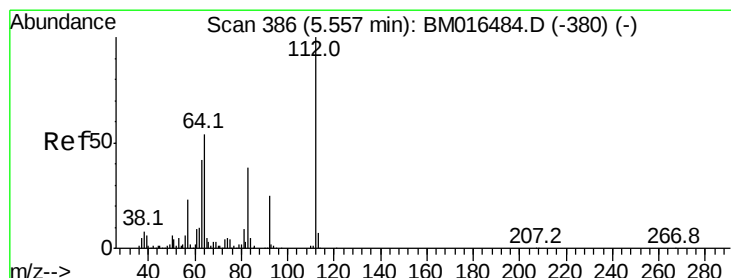
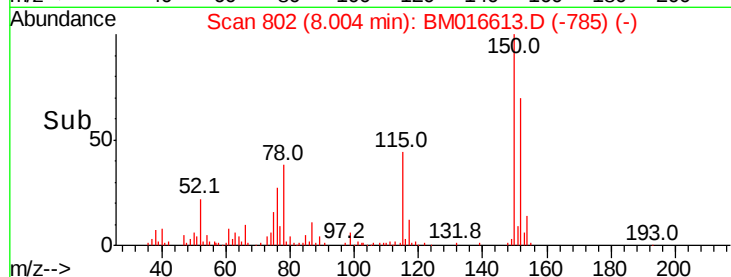
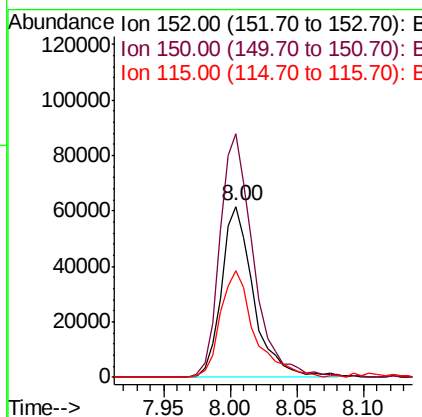
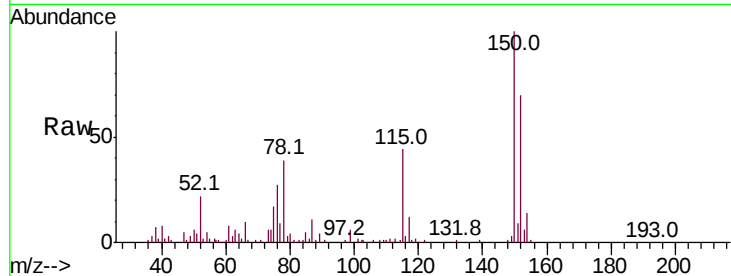
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.00 min Scan# 802
Delta R.T. -0.00 min
Lab File: BM016613.D
Acq: 27 Aug 2018 19:04

Instrument :
BNA_M
ClientSampled :
SONO-W

Tot Ion	Ratio	Lower	Upper
152	100		
150	142.2	119.5	179.3
115	62.2	43.0	64.4

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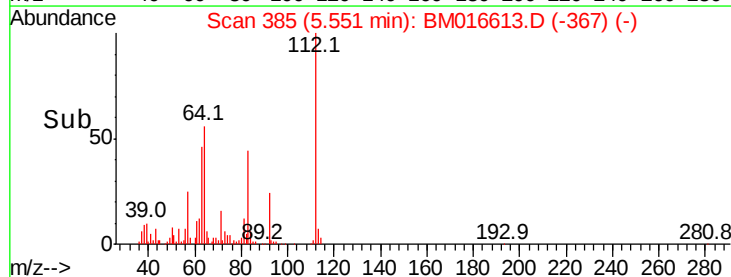
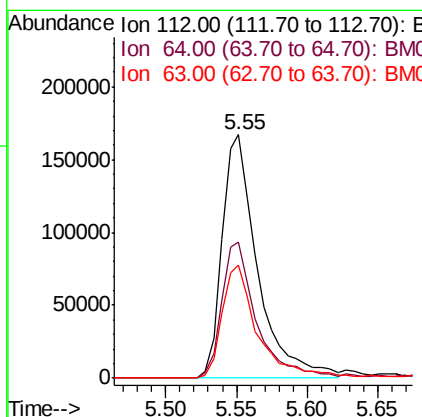
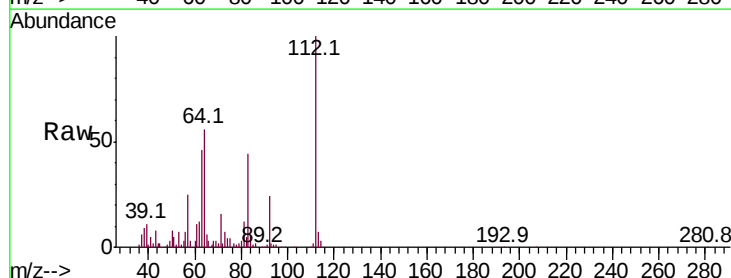
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#5

2-Fluorophenol
Concen: 54.817 ng
RT: 5.55 min Scan# 385
Delta R.T. 0.01 min
Lab File: BM016613.D
Acq: 27 Aug 2018 19:04

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.7	38.6	57.8
63	46.2	19.3	28.9





#7

Phenol-d6

Concen: 32.853 ng

RT: 7.19 min Scan# 663

Delta R.T. 0.01 min

Lab File: BM016613.D

Acq: 27 Aug 2018 19:04

Instrument :

BNA_M

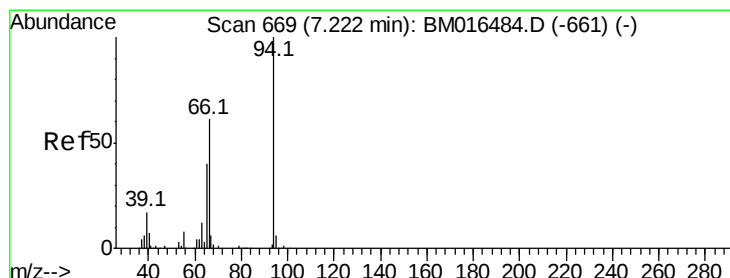
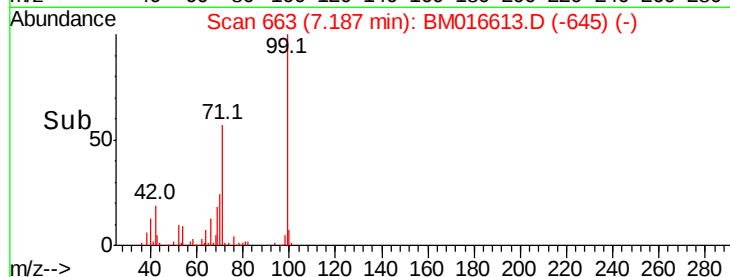
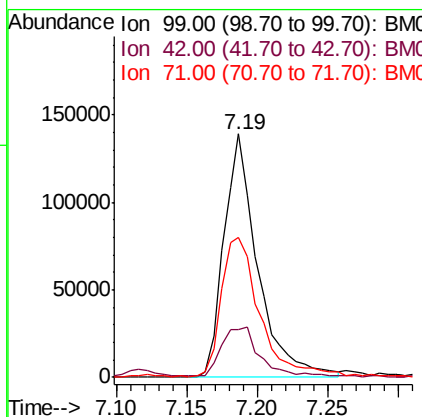
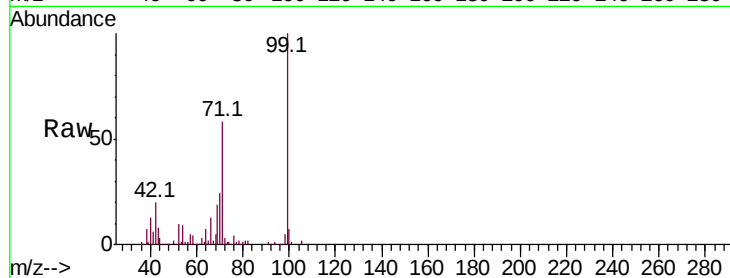
ClientSampled :

SONO-W

Tot Ion:	99	Resp:	231734
Ion Ratio	Lower	Upper	
99	100		
42	19.6	11.0	16.4#
71	57.7	23.4	35.2#

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#10

Phenol

Concen: 3.089 ng

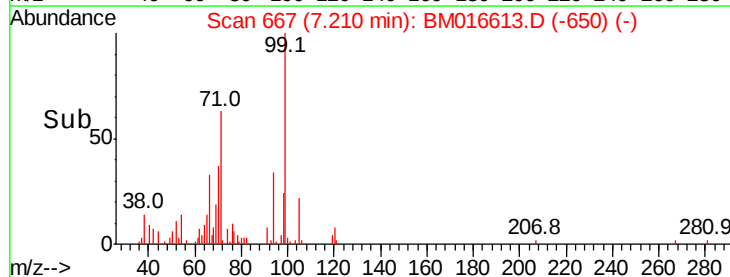
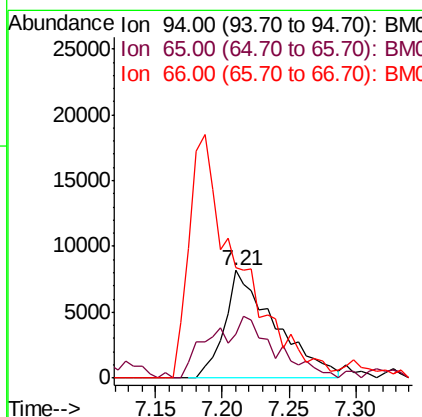
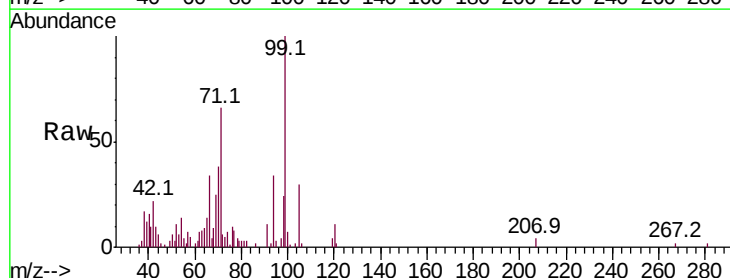
RT: 7.21 min Scan# 667

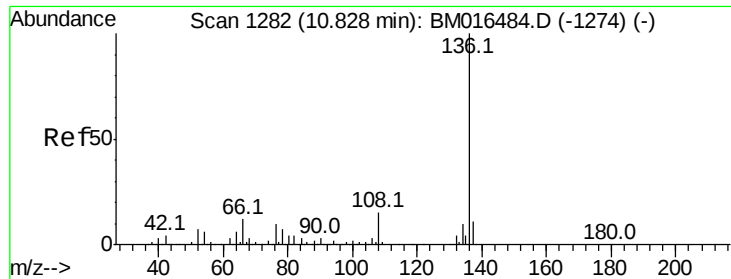
Delta R.T. -0.00 min

Lab File: BM016613.D

Acq: 27 Aug 2018 19:04

Tgt Ion:	94	Resp:	21551
Ion Ratio	Lower	Upper	
94	100		
65	41.3	18.8	58.8
66	102.6	39.9	79.9#





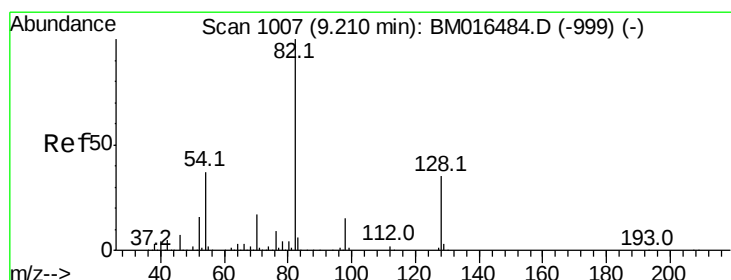
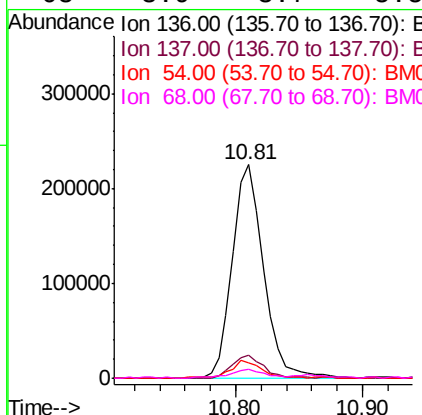
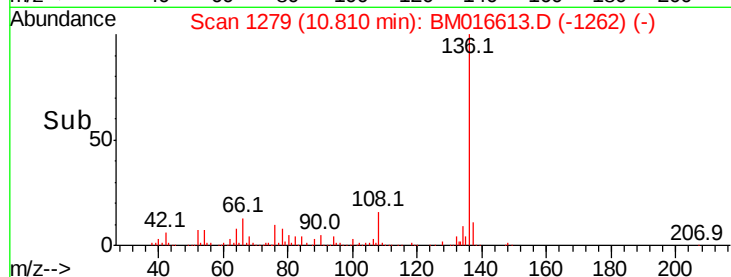
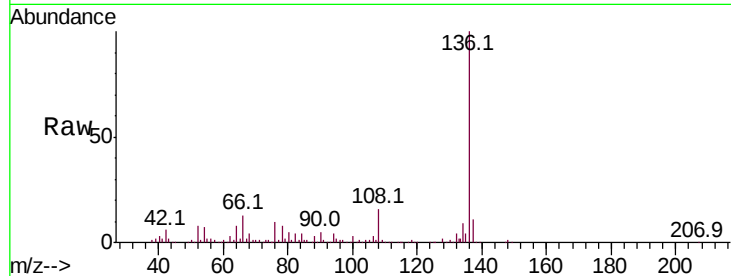
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.81 min Scan# 1279
Delta R.T. -0.00 min
Lab File: BM016613.D
Acq: 27 Aug 2018 19:04

Instrument :
BNA_M
ClientSampleId :
SONO-W

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.0	8.7	13.1	
54	7.2	4.6	6.8#	
68	3.9	3.7	5.5	

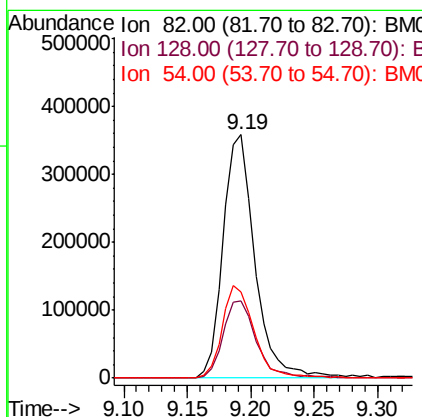
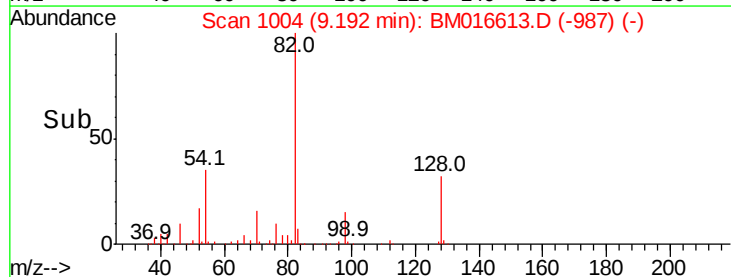
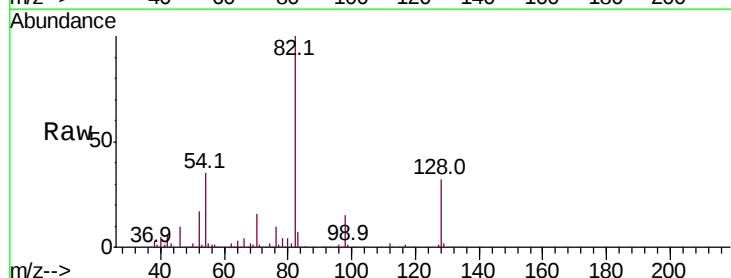
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#23
Nitrobenzene-d5
Concen: 74.136 ng
RT: 9.19 min Scan# 1004
Delta R.T. -0.00 min
Lab File: BM016613.D
Acq: 27 Aug 2018 19:04

Tgt Ion	Ratio	Resp	Lower	Upper
82	100			
128	31.9	32.8	49.2#	
54	35.5	40.6	60.8#	





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.65 min Scan# 1931

Delta R.T. -0.00 min

Lab File: BM016613.D

Acq: 27 Aug 2018 19:04

Instrument :

BNA_M

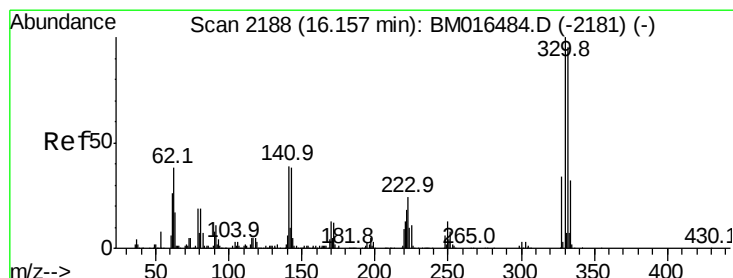
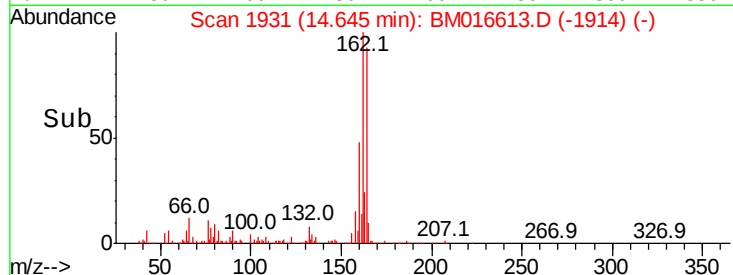
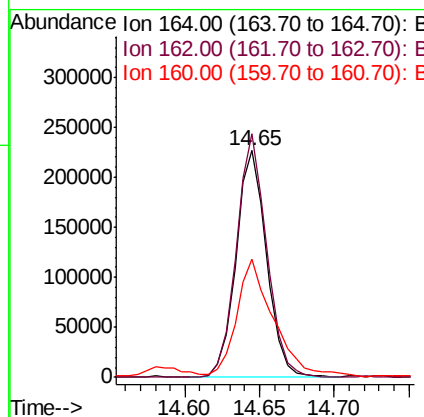
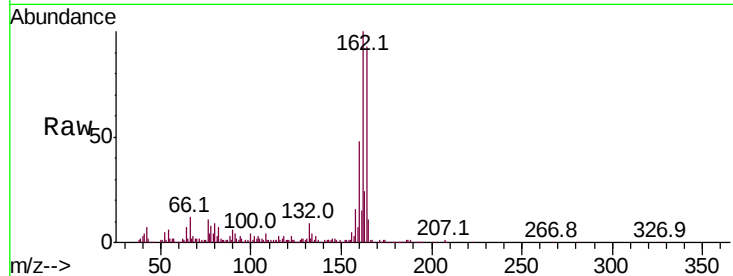
ClientSampleId :

SONO-W

Tot Ion:	164	Resp:	320539
Ion Ratio	Lower	Upper	
164	100		
162	107.5	82.4	123.6
160	52.0	35.8	53.6

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#41

2,4,6-Tribromophenol

Concen: 136.461 ng

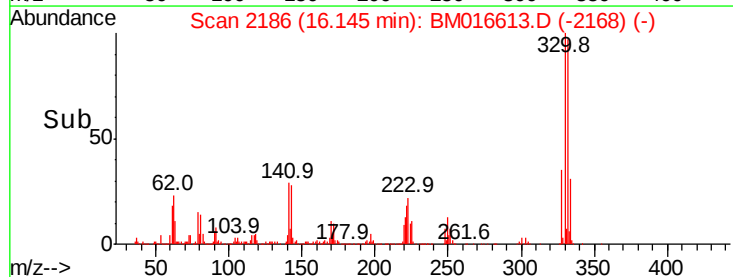
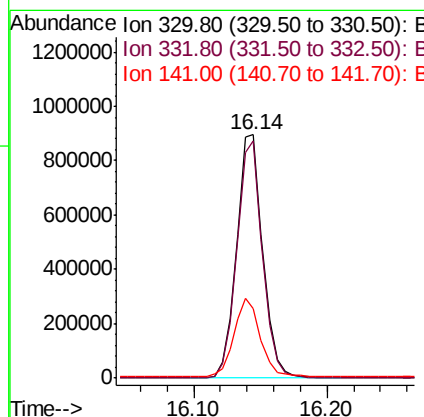
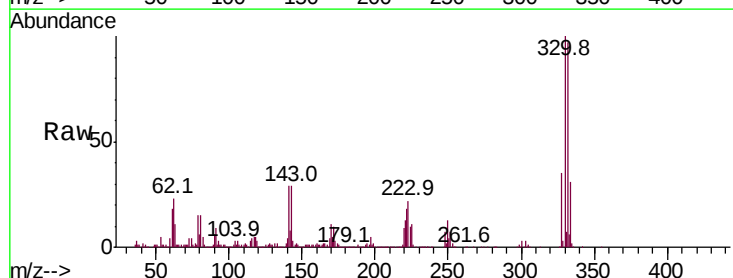
RT: 16.14 min Scan# 2186

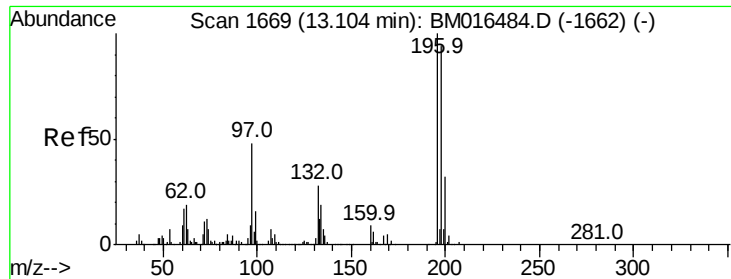
Delta R.T. 0.01 min

Lab File: BM016613.D

Acq: 27 Aug 2018 19:04

Tgt Ion:	330	Resp:	1222745
Ion Ratio	Lower	Upper	
330	100		
332	95.5	0.0	0.0#
141	32.9	0.0	0.0#





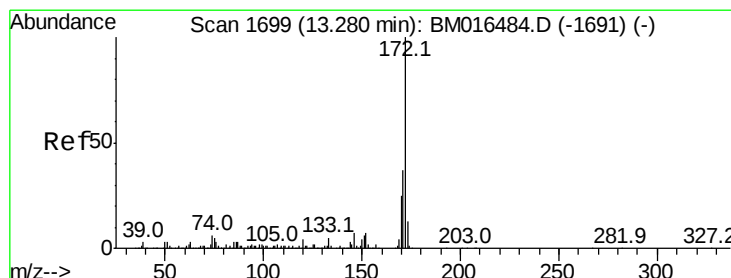
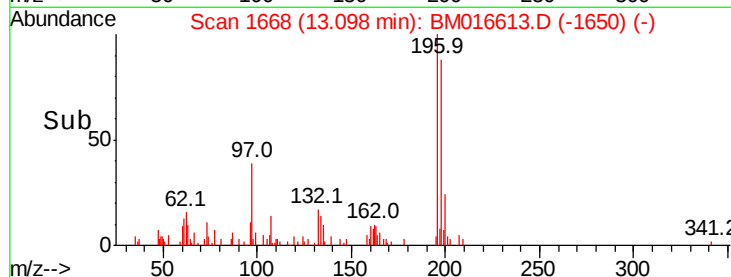
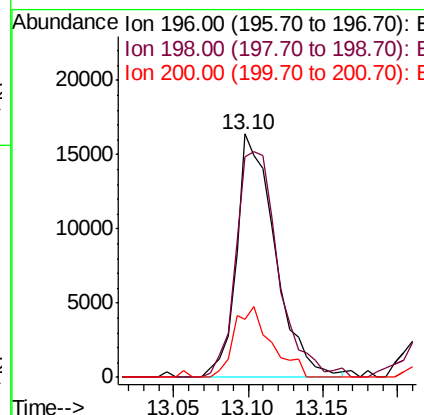
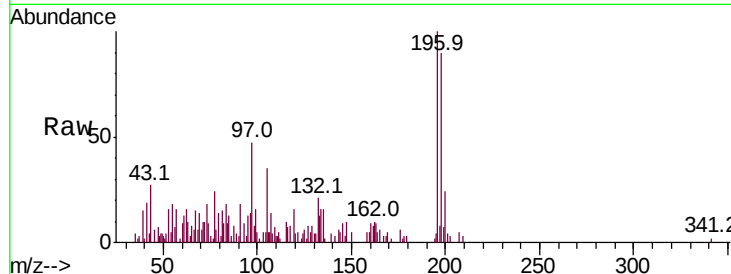
#42
2,4,6-Trichlorophenol
Concen: 2.733 ng
RT: 13.10 min Scan# 1668
Delta R.T. 0.01 min
Lab File: BM016613.D
Acq: 27 Aug 2018 19:04

Instrument :
BNA_M
ClientSampleId :
SONO-W

Tot Ion	Ratio	Resp	Lower	Upper
196	100	29590		
198	90.4	76.3	114.5	
200	24.1	25.6	38.4	

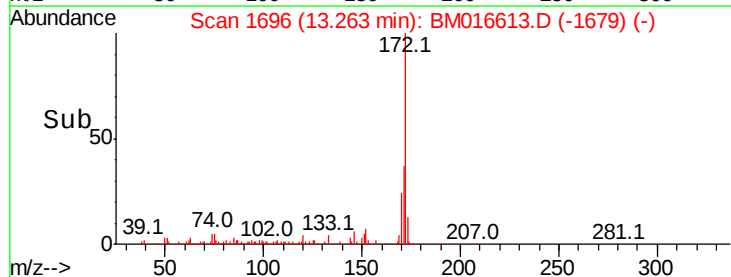
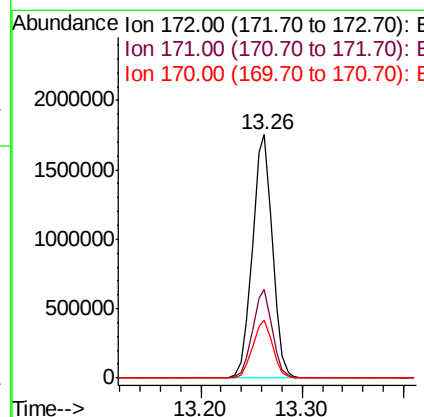
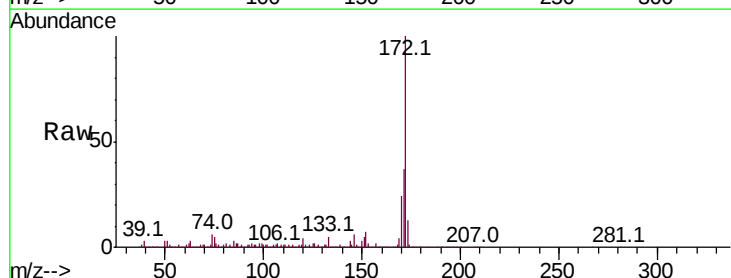
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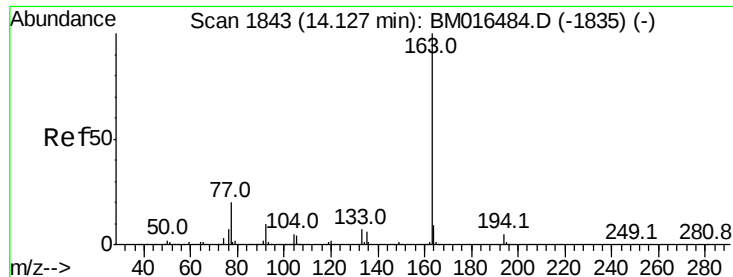
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#44
2-Fluorobiphenyl
Concen: 71.924 ng
RT: 13.26 min Scan# 1696
Delta R.T. -0.00 min
Lab File: BM016613.D
Acq: 27 Aug 2018 19:04

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	2398452		
171	36.6	28.5	42.7	
170	23.9	18.8	28.2	





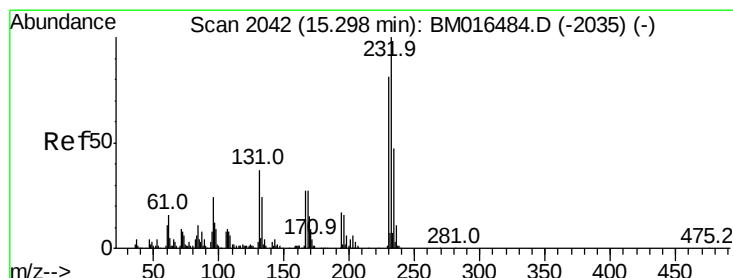
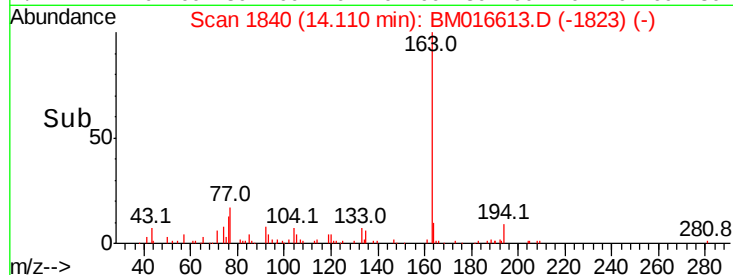
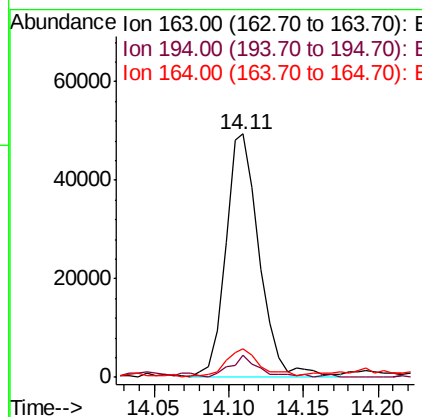
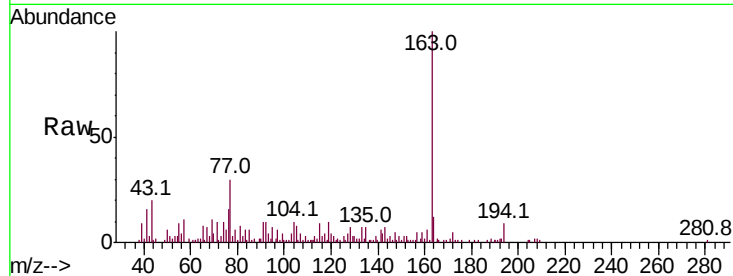
#49
Dimethylphthalate
Concen: 2.535 ng
RT: 14.11 min Scan# 1840
Delta R.T. -0.00 min
Lab File: BM016613.D
Acq: 27 Aug 2018 19:04

Instrument :
BNA_M
ClientSampleId :
SONO-W

Tot Ion	Ratio	Resp	Lower	Upper
163	100	78053		
194	9.2	2.7	4.1#	
164	11.6	8.2	12.2	

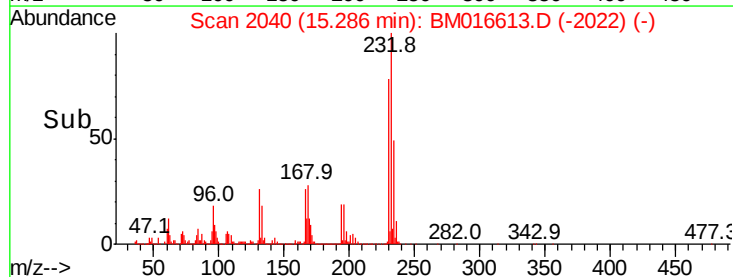
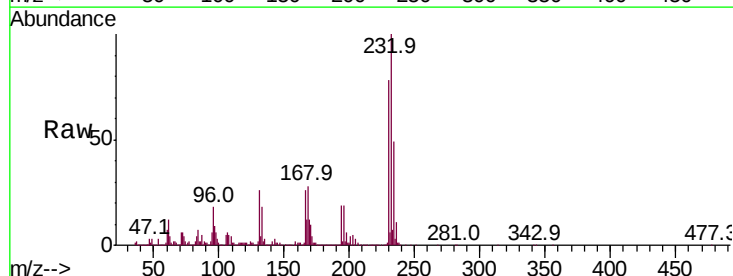
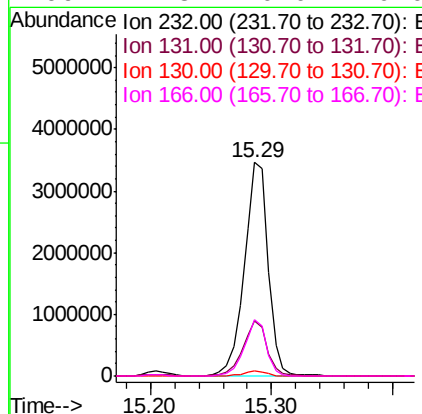
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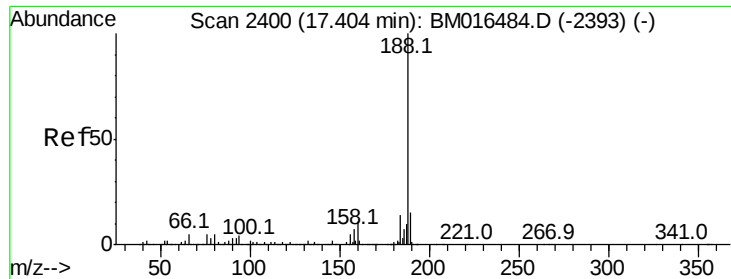
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#58
2,3,4,6-Tetrachlorophenol
Concen: 467.549 ng
RT: 15.29 min Scan# 2040
Delta R.T. 0.01 min
Lab File: BM016613.D
Acq: 27 Aug 2018 19:04

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	4751973		
131	25.8	0.0	0.0#	
130	2.3	0.0	0.0#	
166	24.8	0.0	0.0#	





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.40 min Scan# 2400

Delta R.T. 0.02 min

Lab File: BM016613.D

Acq: 27 Aug 2018 19:04

Instrument :

BNA_M

ClientSampled :

SONO-W

Tot Ion:188 Resp: 1061163

Ion Ratio Lower Upper

188 100

94 3.0 8.7 13.1#

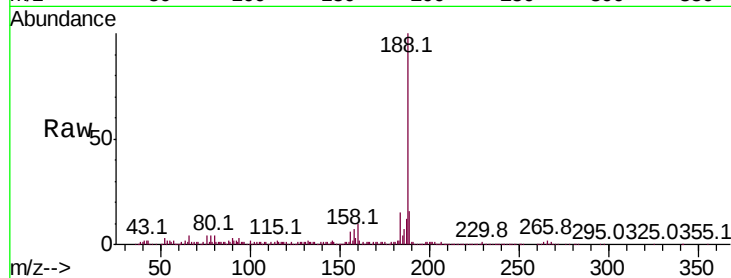
80 4.0 9.3 13.9#

Manual Integrations

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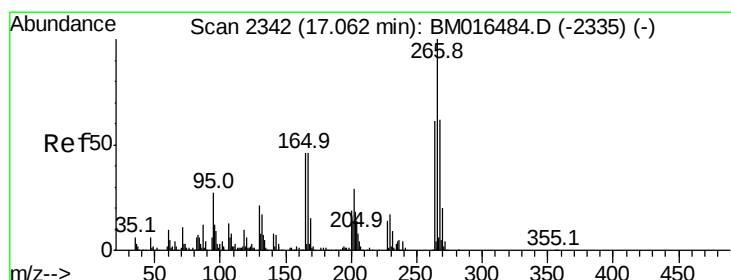
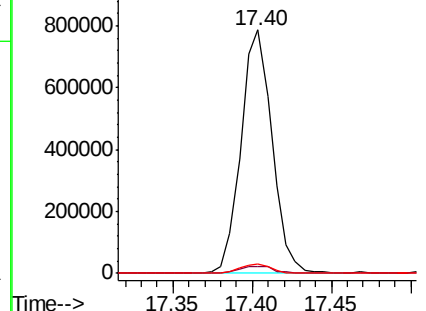
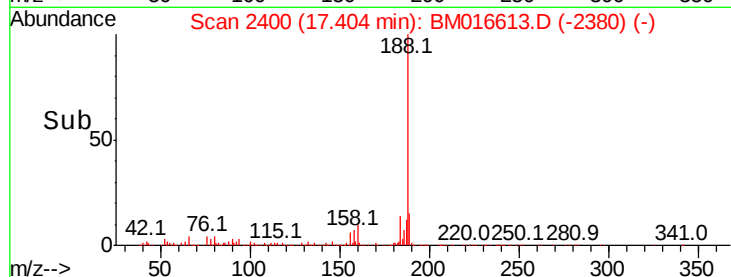
8/28/2018 11:16:57 AM



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM016613.D (-2380) (-)

Ion 80.00 (79.70 to 80.70): BM016613.D (-2380) (-)



#69

Pentachlorophenol

Concen: 4189.291 ng m

RT: 17.05 min Scan# 2340

Delta R.T. 0.01 min

Lab File: BM016613.D

Acq: 27 Aug 2018 19:04

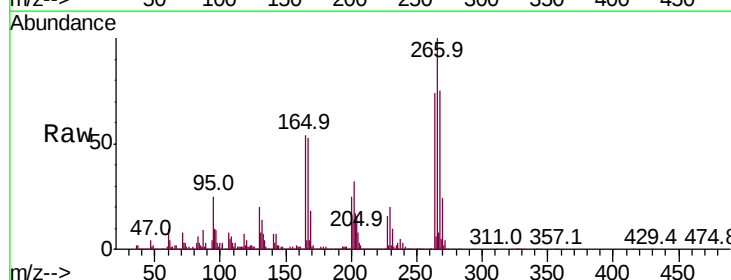
Tgt Ion:266 Resp:42147884

Ion Ratio Lower Upper

266 100

268 74.8 52.0 78.0

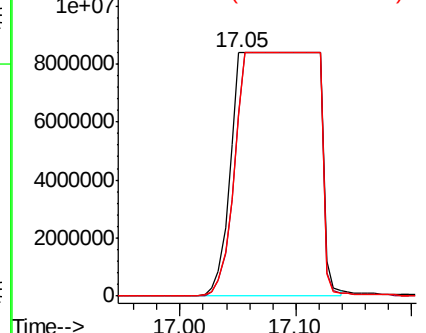
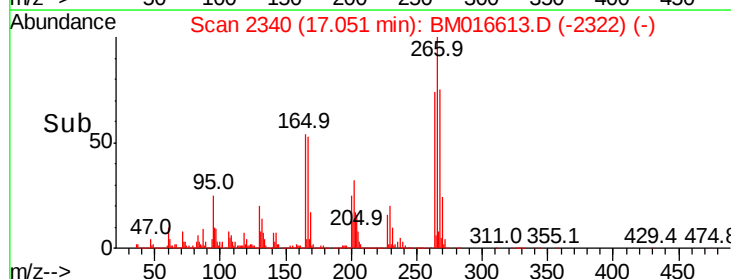
264 74.2 49.0 73.4#

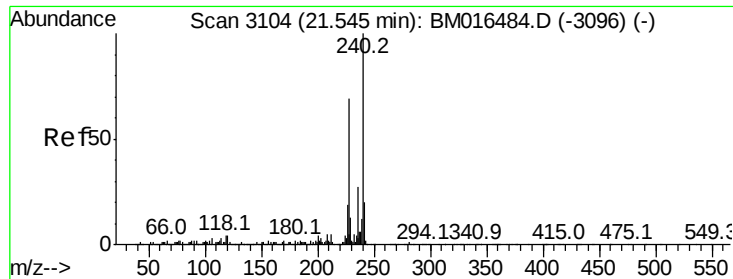


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.53 min Scan# 3102

Delta R.T. -0.00 min

Lab File: BM016613.D

Acq: 27 Aug 2018 19:04

Instrument :

BNA_M

ClientSampled :

SONO-W

Tot Ion:240 Resp: 1334688

Ion Ratio Lower Upper

240 100

120 2.7 8.2 12.2#

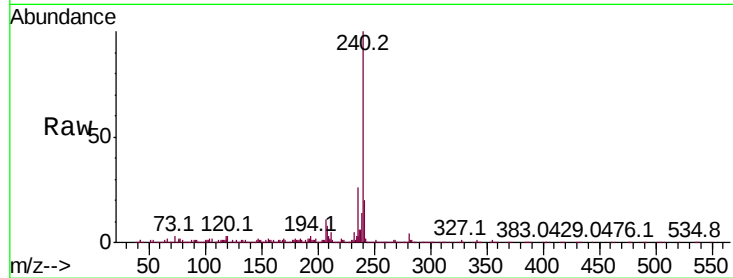
236 26.4 20.0 30.0

Manual Integrations

APPROVED

Sohil

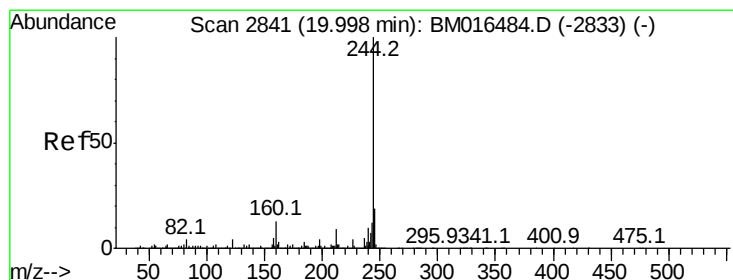
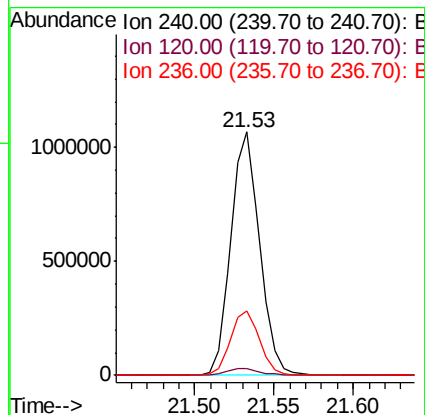
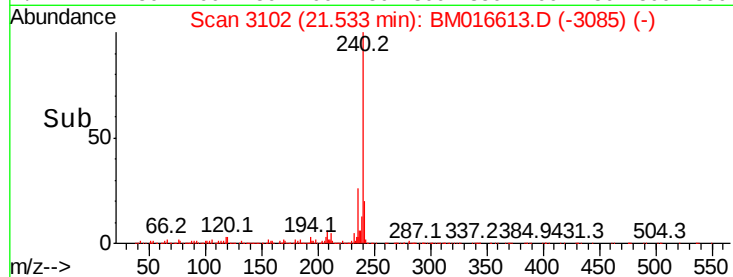
8/28/2018 11:16:57 AM



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: 103.560 ng

RT: 19.98 min Scan# 2838

Delta R.T. -0.00 min

Lab File: BM016613.D

Acq: 27 Aug 2018 19:04

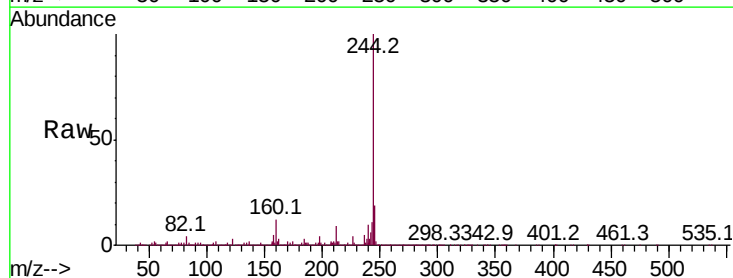
Tgt Ion:244 Resp: 6530398

Ion Ratio Lower Upper

244 100

212 9.1 4.9 7.3#

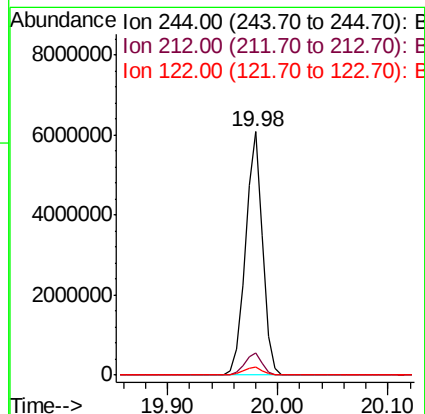
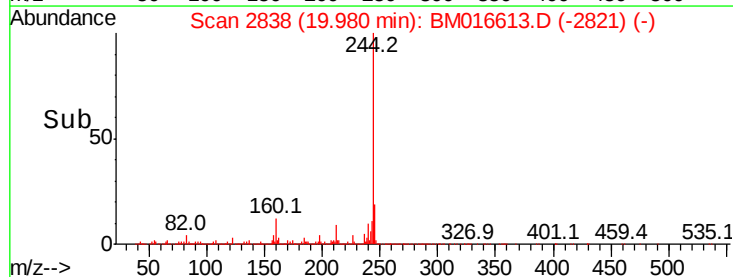
122 3.4 6.2 9.4#

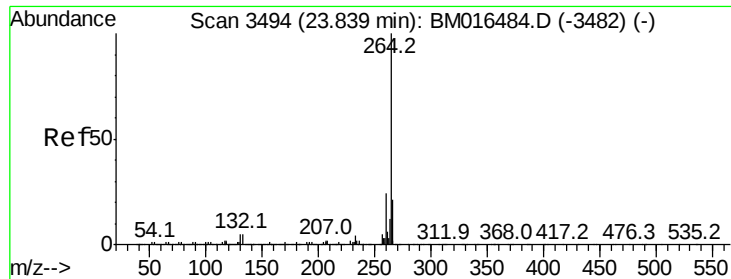


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.000 ng
RT: 23.81 min Scan# 3490
Delta R.T. -0.00 min
Lab File: BM016613.D
Acq: 27 Aug 2018 19:04

Instrument :
BNA_M
ClientSampleId :
SONO-W

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.6	27.8
265	22.1	17.3	25.9

Manual Integrations
APPROVED

Sohil
8/28/2018 11:16:57 AM

