

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP091819\
 Data File : BP000301.D
 Acq On : 18 Sep 2019 16:49
 Operator : HP/JU
 Sample : K4938-08
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 MG-TRENCH-2-SOIL

Manual Integrations
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Jagrut
 9/19/2019 11:07:07 AM

Quant Time: Sep 19 04:13:37 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP091619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 16 18:59:05 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	280154	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	1017302	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	575827	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	1082692	20.00	ng	0.00
76) Chrysene-d12	13.99	240	924326	20.00	ng	0.00
87) Perylene-d12	15.47	264	966552	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	1747670	107.69	ng	0.01
7) Phenol-d6	6.43	99	2229507	112.08	ng	0.00
23) Nitrobenzene-d5	7.35	82	1274456	80.83	ng	0.00
42) 2,4,6-Tribromophenol	10.63	330	798703	139.84	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	2783899	87.01	ng	0.00
79) Terphenyl-d14	12.93	244	3518744	79.86	ng	0.00
Target Compounds						
10) Phenol	6.44	94	57743	2.555	ng	97
50) Dimethylphthalate	9.55	163	287739	7.334	ng	98
75) Fluoranthene	12.55	202	214625	3.684	ng	97
78) Pyrene	12.78	202	197926	2.862	ng	99
88) Benzo(b)fluoranthene	15.04	252	129048m	2.238	ng	

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

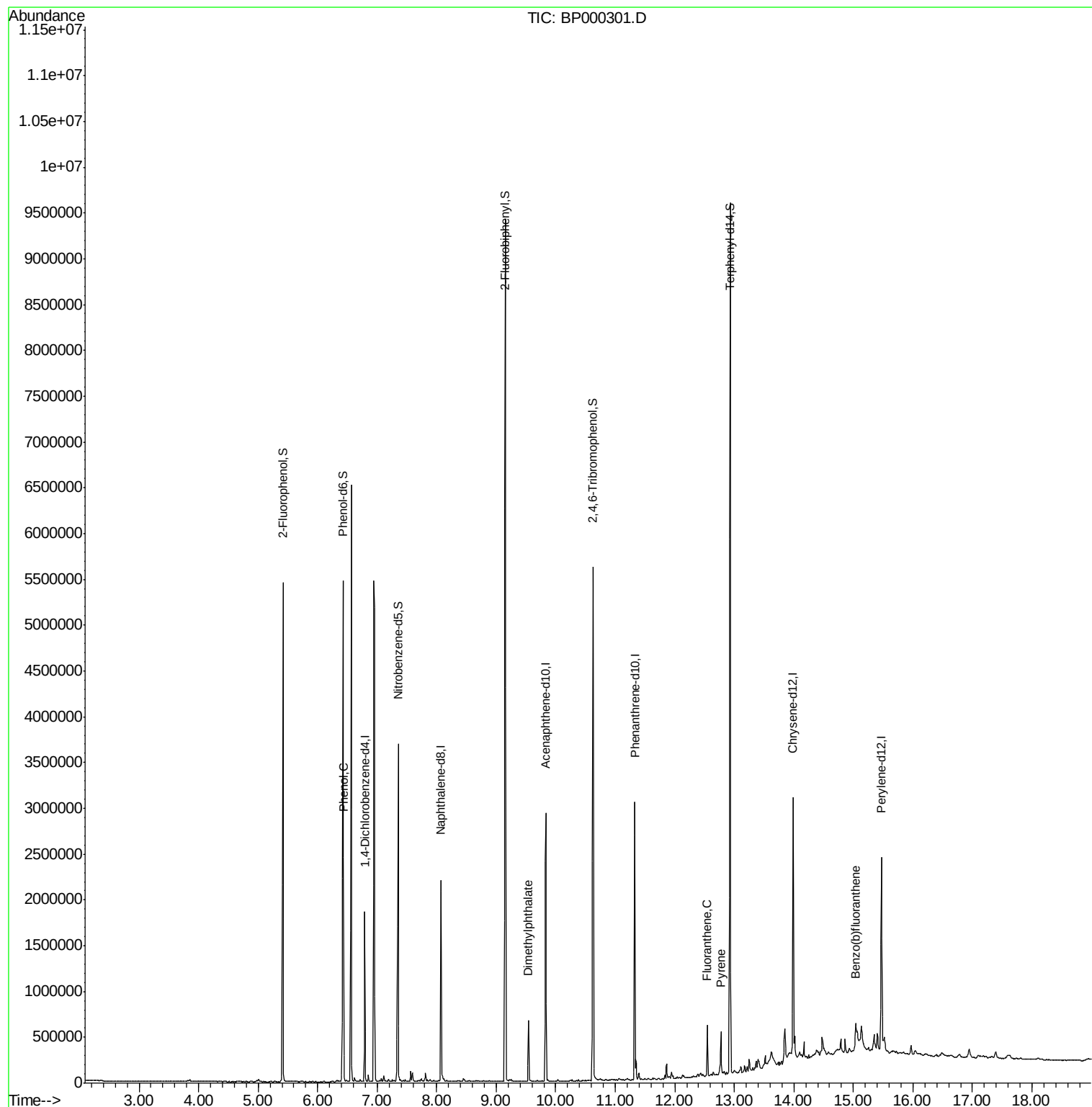
Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP091819\
Data File : BP000301.D
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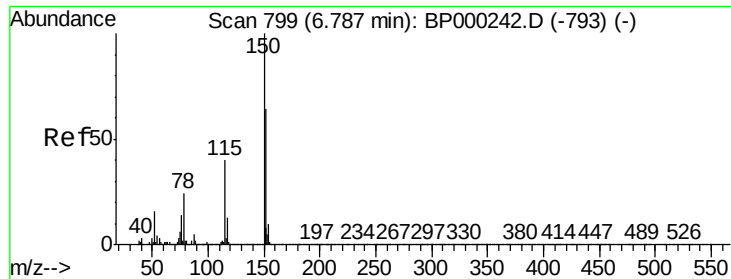
Instrument :
BNA_P
ClientSampleId :
MG-TRENCH-2-SOIL

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP091619.M
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#1

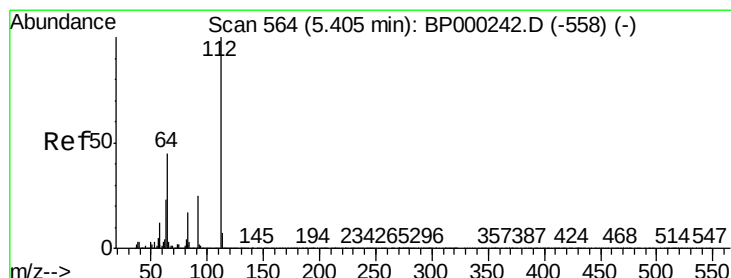
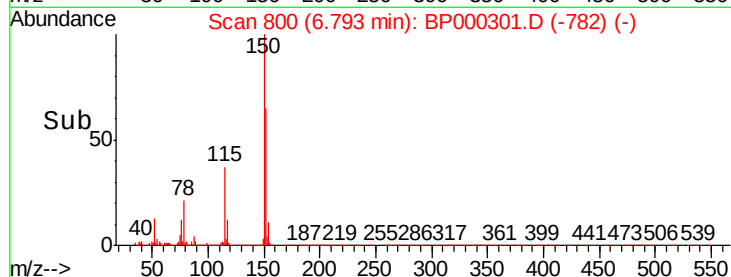
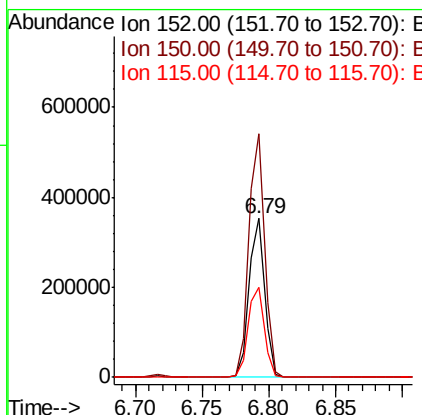
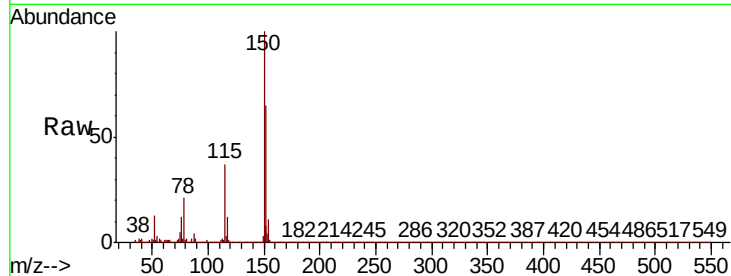
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. 0.01 min
Lab File: BP000301.D
Acq: 18 Sep 2019 16:49

Instrument :
BNA_P
ClientSampleId :
MG-TRENCH-2-SOIL

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.4	125.2	187.8
115	57.0	49.7	74.5

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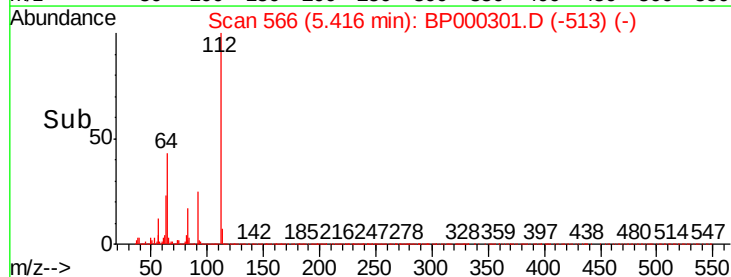
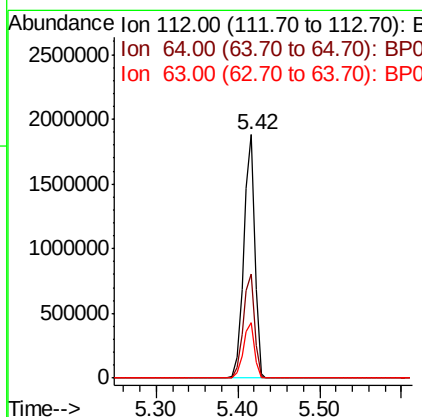
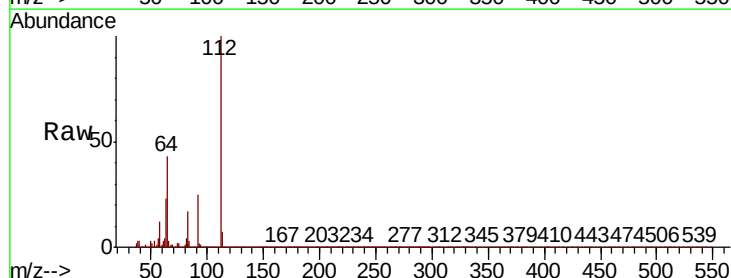
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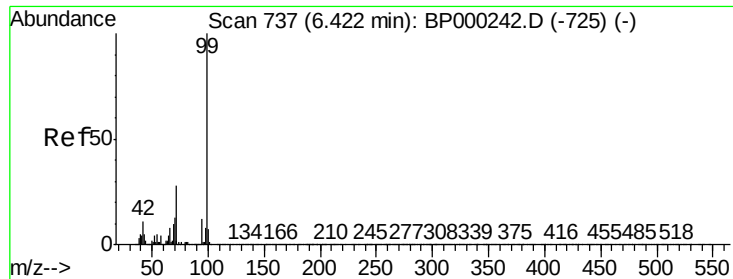


#5

2-Fluorophenol
Concen: 107.694 ng
RT: 5.42 min Scan# 566
Delta R.T. 0.01 min
Lab File: BP000301.D
Acq: 18 Sep 2019 16:49

Tgt Ion	Ratio	Lower	Upper
112	100		
64	42.9	36.2	54.4
63	22.6	18.3	27.5





#7

Phenol-d6

Concen: 112.079 ng

RT: 6.43 min Scan# 738

Delta R.T. 0.01 min

Lab File: BP000301.D

Acq: 18 Sep 2019 16:49

Instrument :

BNA_P

ClientSampleId :

MG-TRENCH-2-SOIL

Tot Ion: 99 Resp: 2229507

Ion Ratio Lower Upper

99 100

42 11.2 8.5 12.7

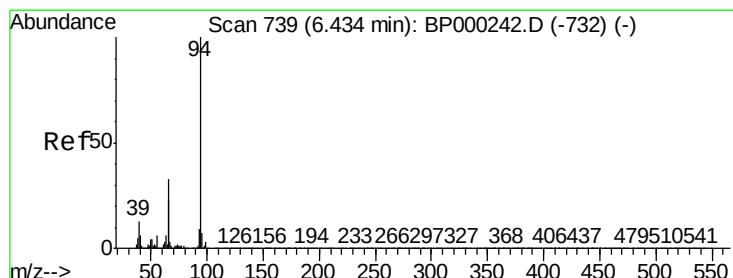
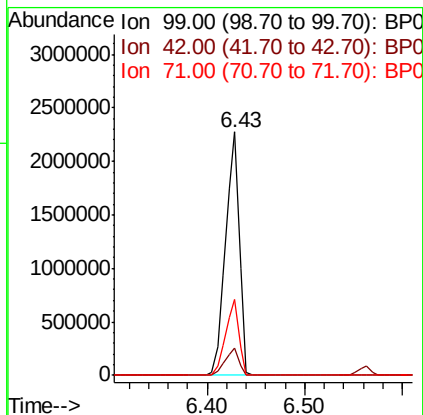
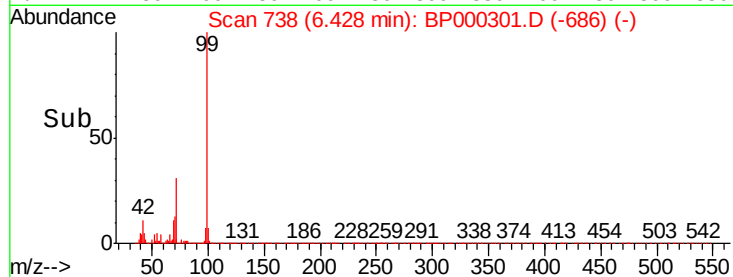
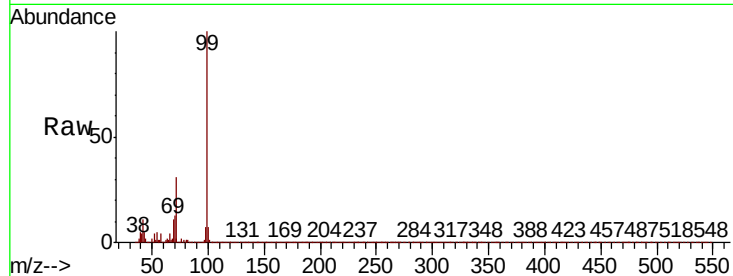
71 31.2 22.6 34.0

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#10

Phenol

Concen: 2.555 ng

RT: 6.44 min Scan# 740

Delta R.T. 0.01 min

Lab File: BP000301.D

Acq: 18 Sep 2019 16:49

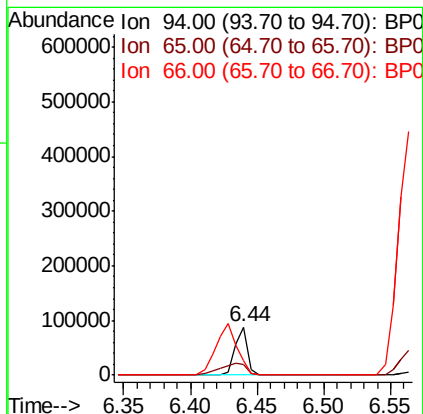
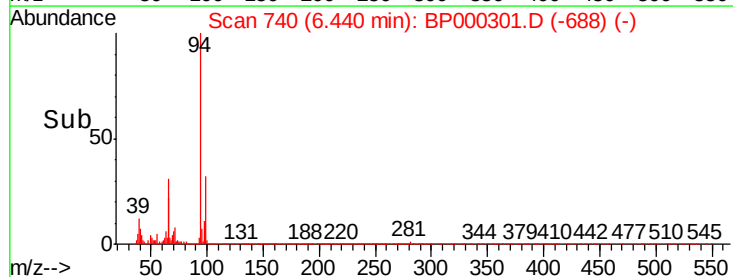
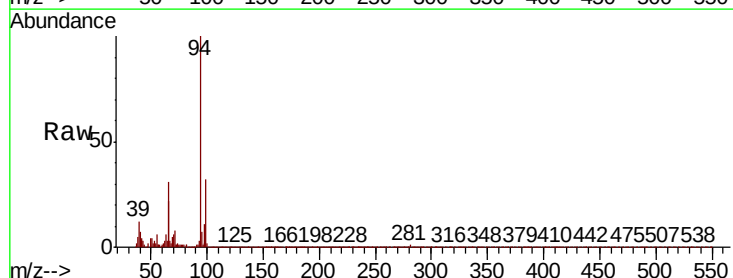
Tgt Ion: 94 Resp: 57743

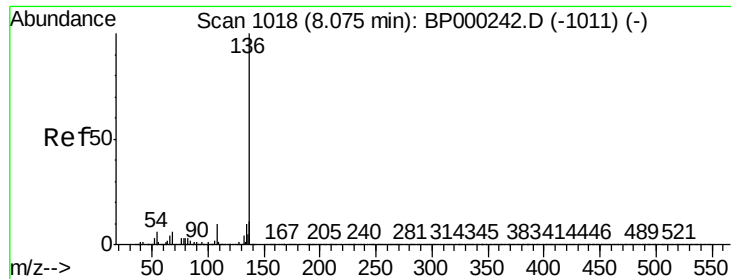
Ion Ratio Lower Upper

94 100

65 22.3 3.3 43.3

66 31.0 12.7 52.7





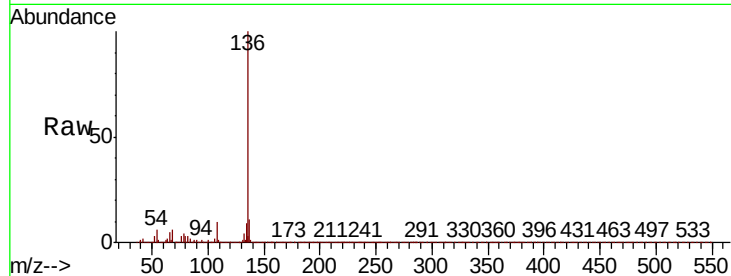
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1017
Delta R.T. -0.01 min
Lab File: BP000301.D
Acq: 18 Sep 2019 16:49

Instrument :
BNA_P
ClientSampleId :
MG-TRENCH-2-SOIL

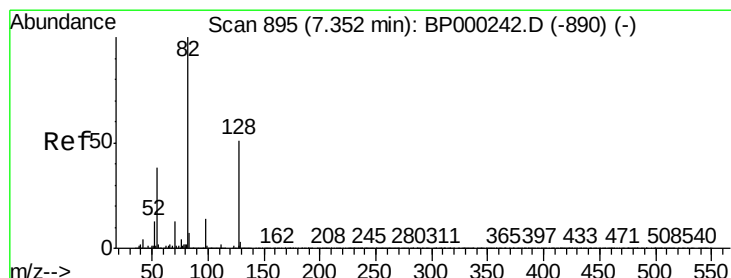
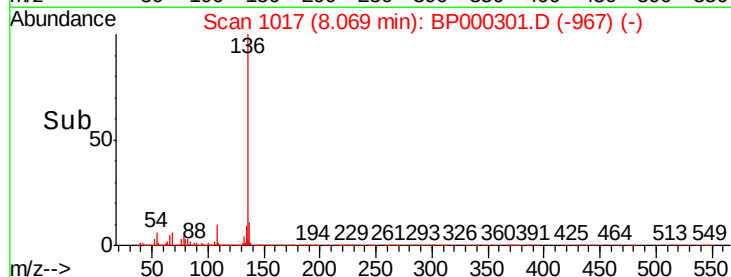
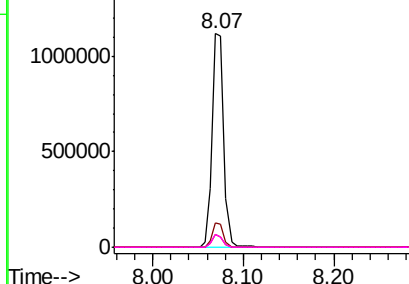
Tot Ion	136	Resp	1017302
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.6	13.0
54	6.0	4.5	6.7
68	6.0	4.5	6.7

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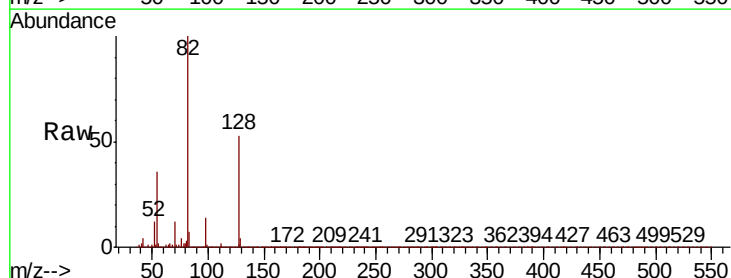


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BP0
Ion 68.00 (67.70 to 68.70): BP0

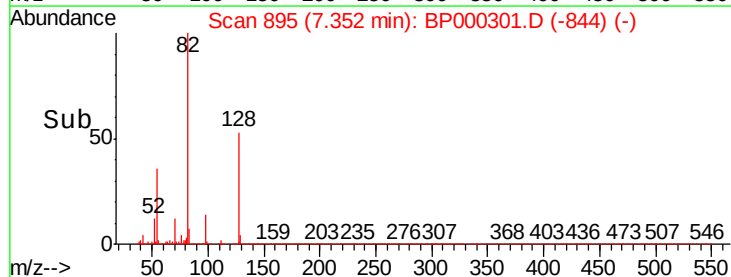
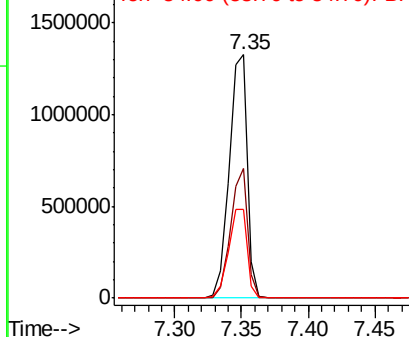


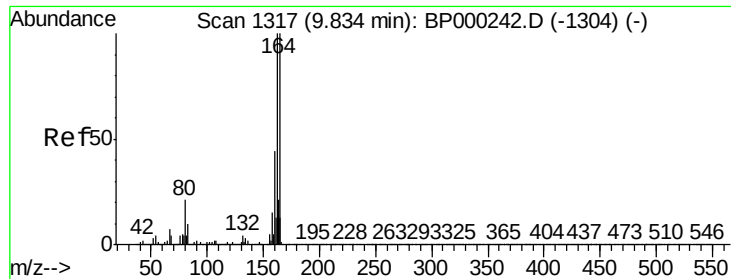
#23
Nitrobenzene-d5
Concen: 80.829 ng
RT: 7.35 min Scan# 895
Delta R.T. -0.00 min
Lab File: BP000301.D
Acq: 18 Sep 2019 16:49

Tgt Ion	82	Resp	1274456
Ion	Ratio	Lower	Upper
82	100		
128	53.4	40.7	61.1
54	36.3	30.1	45.1



Abundance Ion 82.00 (81.70 to 82.70): BP0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BP0





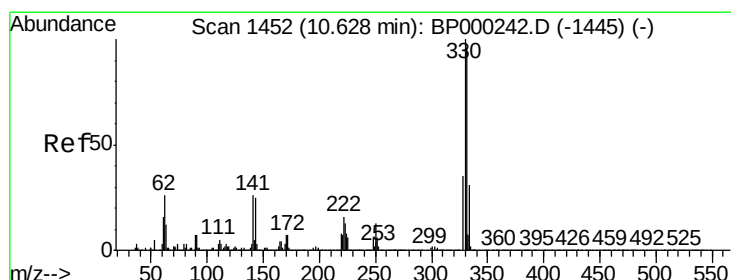
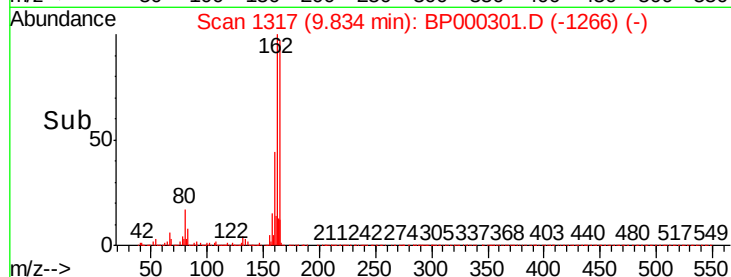
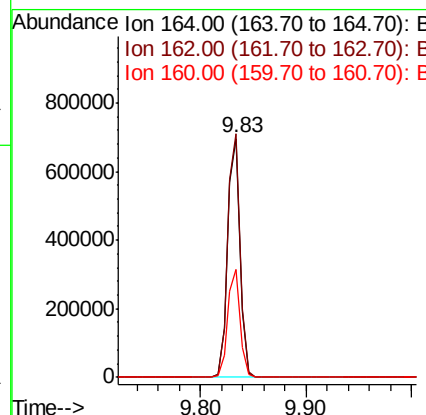
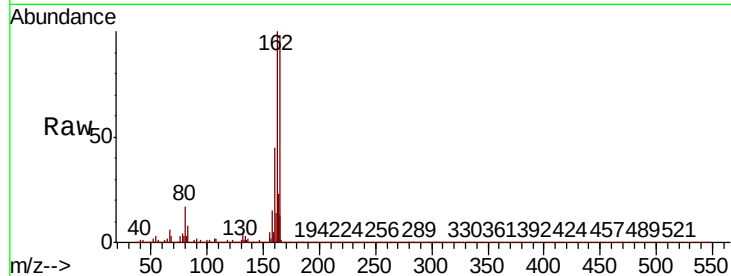
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.00 min
Lab File: BP000301.D
Acq: 18 Sep 2019 16:49

Instrument :
BNA_P
ClientSampleId :
MG-TRENCH-2-SOIL

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	101.9	79.9	119.9	
160	45.4	35.6	53.4	

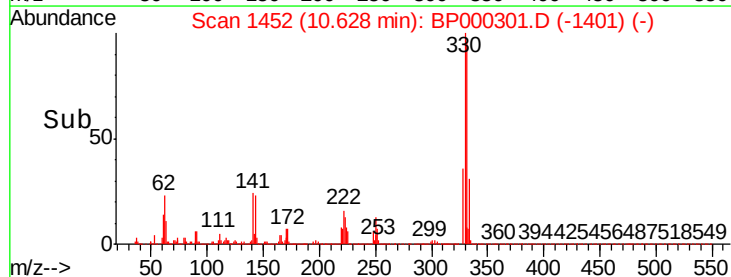
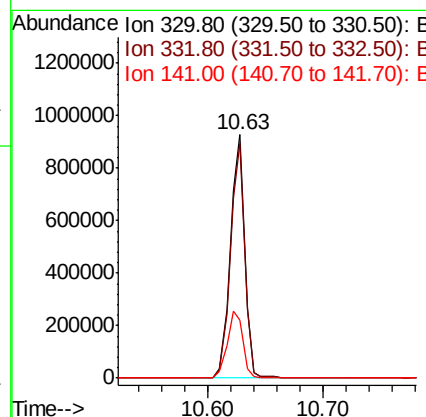
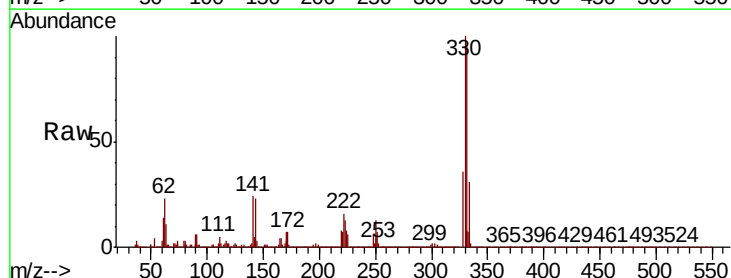
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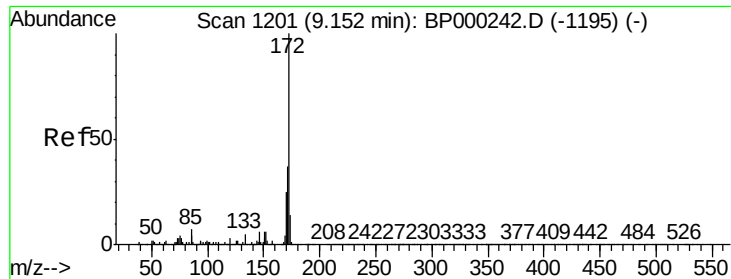
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#42
2,4,6-Tribromophenol
Concen: 139.843 ng
RT: 10.63 min Scan# 1452
Delta R.T. -0.00 min
Lab File: BP000301.D
Acq: 18 Sep 2019 16:49

Tgt Ion	Ratio	Resp	Lower	Upper
330	100			
332	96.6	76.6	115.0	
141	30.0	26.5	39.7	





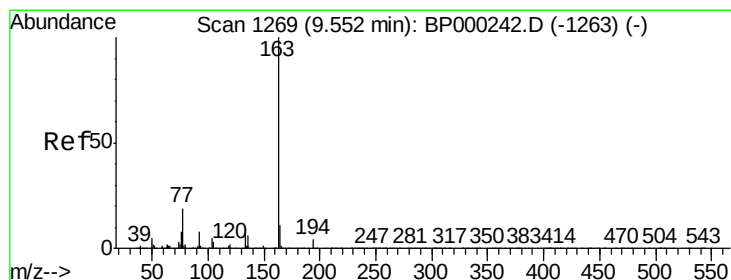
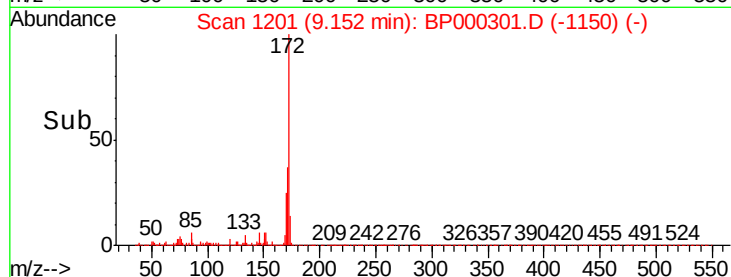
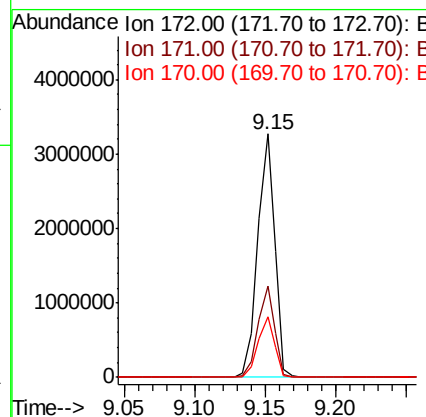
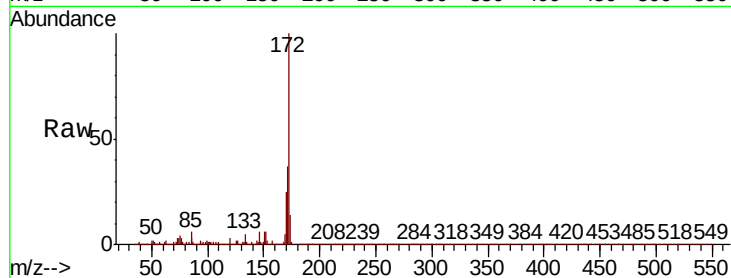
#45
2-Fluorobiphenyl
Concen: 87.014 ng
RT: 9.15 min Scan# 1201
Delta R.T. -0.00 min
Lab File: BP000301.D
Acq: 18 Sep 2019 16:49

Instrument :
BNA_P
ClientSampleId :
MG-TRENCH-2-SOIL

Tot Ion	Ratio	Lower	Upper
172	100		
171	37.3	29.8	44.6
170	24.9	19.8	29.6

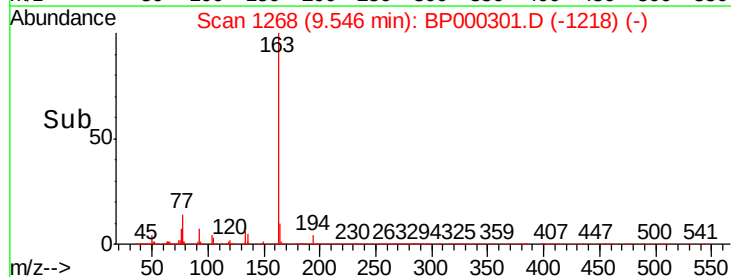
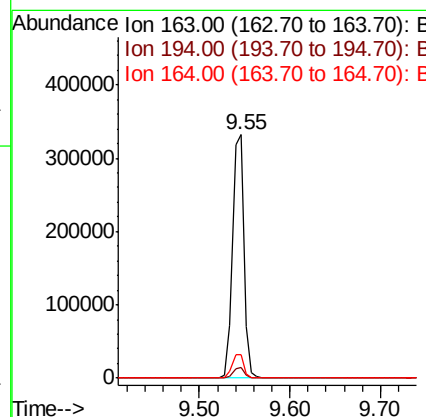
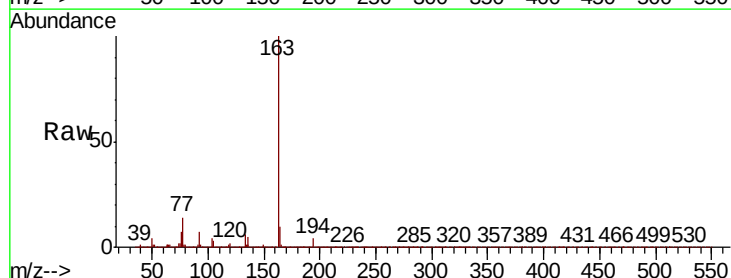
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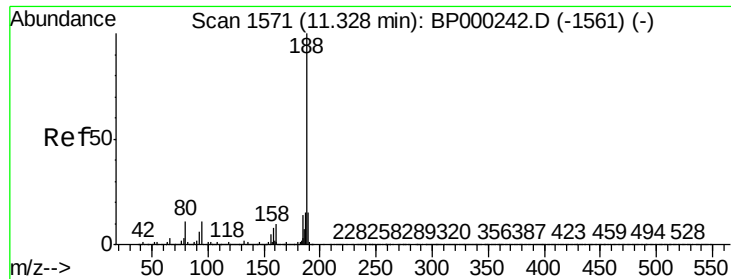
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#50
Dimethylphthalate
Concen: 7.334 ng
RT: 9.55 min Scan# 1268
Delta R.T. -0.01 min
Lab File: BP000301.D
Acq: 18 Sep 2019 16:49

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.4	5.0
164	9.6	8.5	12.7





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.33 min Scan# 1571

Delta R.T. -0.00 min

Lab File: BP000301.D

Acq: 18 Sep 2019 16:49

Instrument :

BNA_P

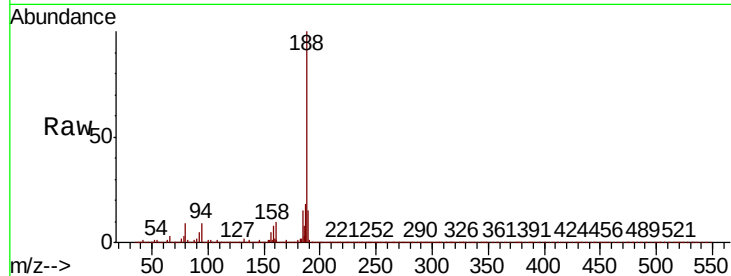
ClientSampleId :

MG-TRENCH-2-SOIL

Tot Ion:188	Resp: 1082692
Ion Ratio	Lower Upper
188 100	
94 8.6	8.5 12.7
80 8.6	8.6 13.0

Manual Integrations
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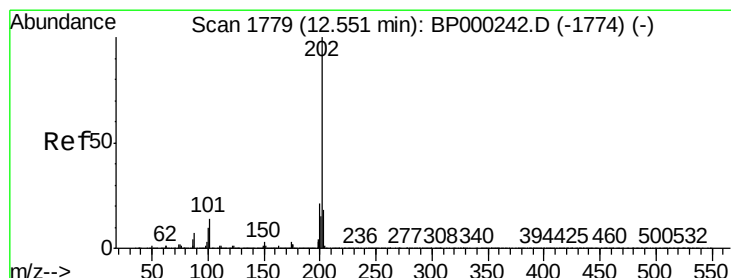
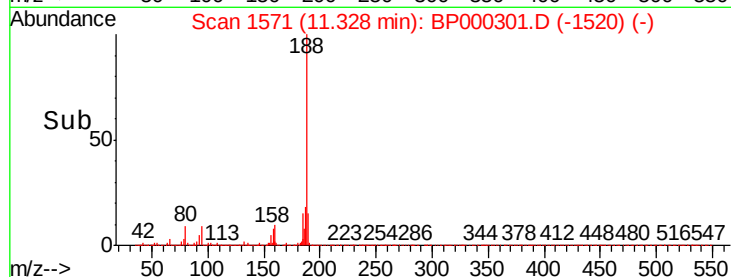
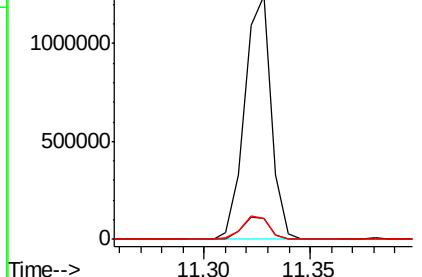
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Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BP0

Ion 80.00 (79.70 to 80.70): BP0



#75

Fluoranthene

Concen: 3.684 ng

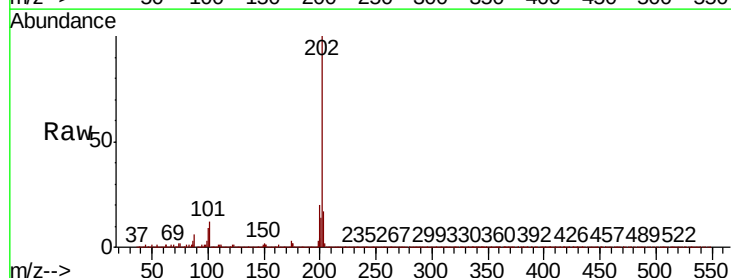
RT: 12.55 min Scan# 1778

Delta R.T. -0.01 min

Lab File: BP000301.D

Acq: 18 Sep 2019 16:49

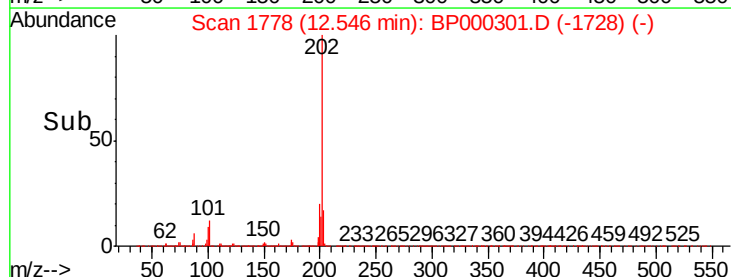
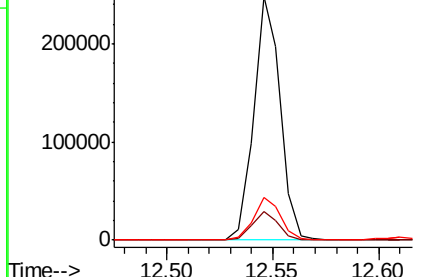
Tgt Ion:202	Resp: 214625
Ion Ratio	Lower Upper
202 100	
101 12.0	0.0 33.9
203 17.5	0.0 38.0

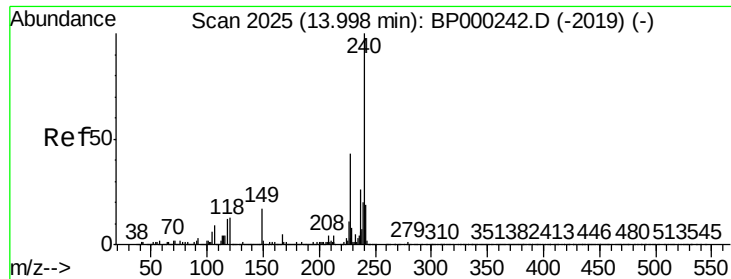


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





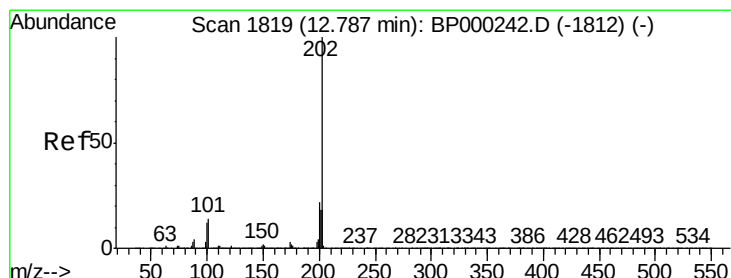
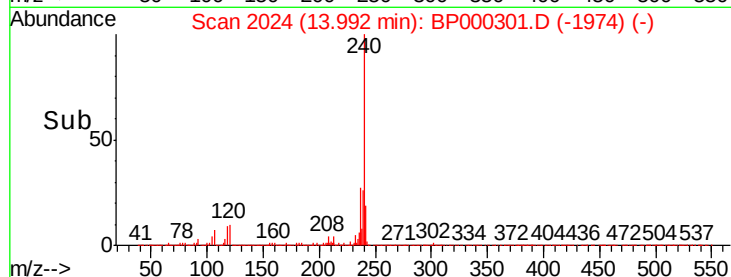
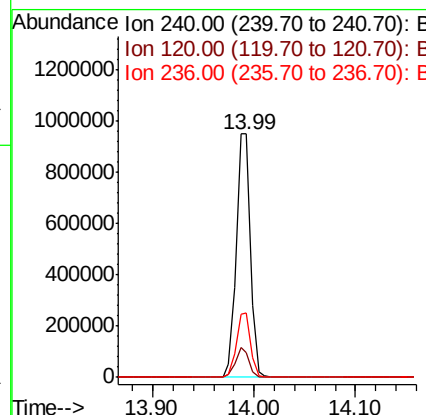
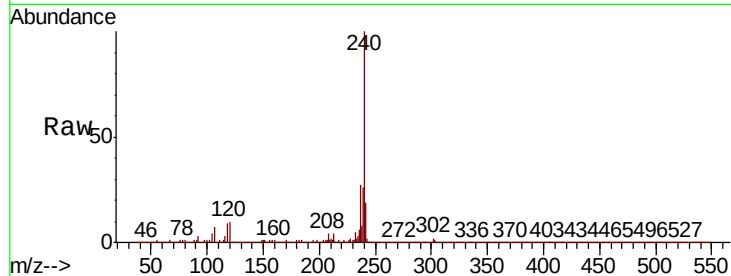
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.99 min Scan# 2024
Delta R.T. -0.01 min
Lab File: BP000301.D
Acq: 18 Sep 2019 16:49

Instrument :
BNA_P
ClientSampleId :
MG-TRENCH-2-SOIL

Tot Ion	Ratio	Lower	Upper
240	100		
120	10.0	10.4	15.6#
236	26.6	21.0	31.6

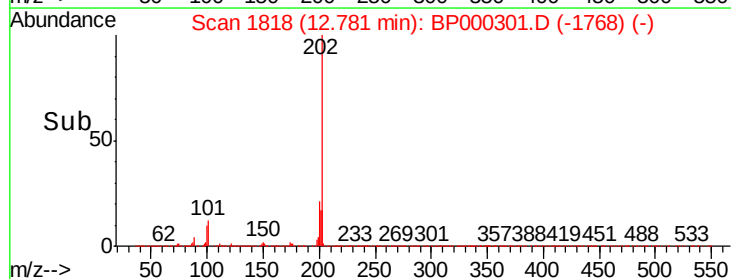
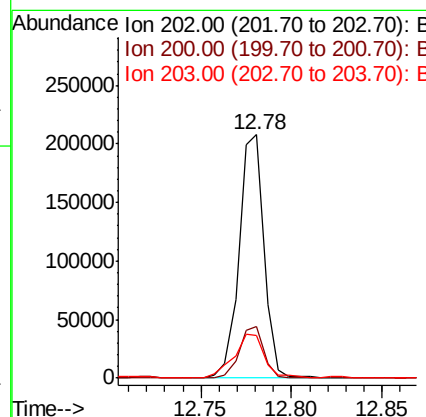
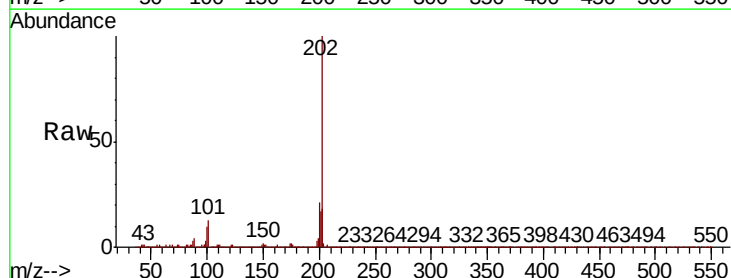
Manual Integrations
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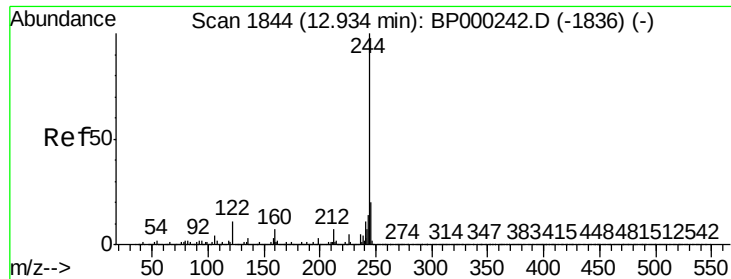
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#78
Pyrene
Concen: 2.862 ng
RT: 12.78 min Scan# 1818
Delta R.T. -0.01 min
Lab File: BP000301.D
Acq: 18 Sep 2019 16:49

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.1	17.5	26.3
203	17.7	14.3	21.5





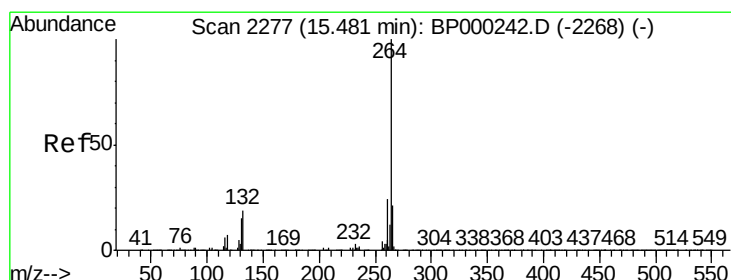
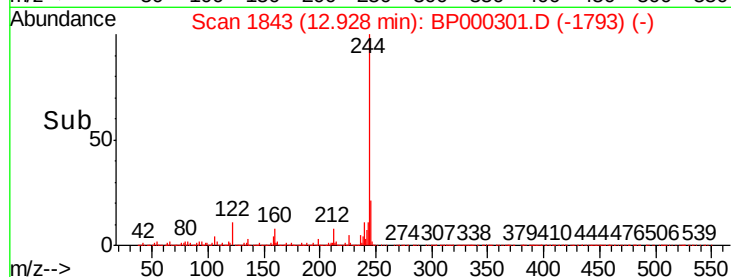
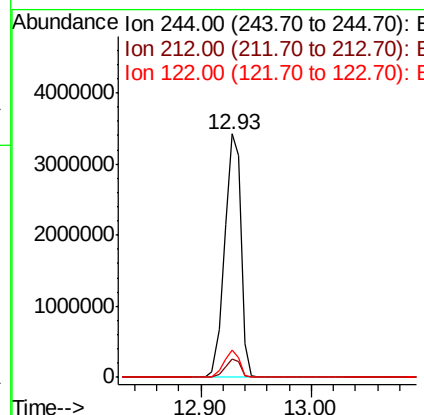
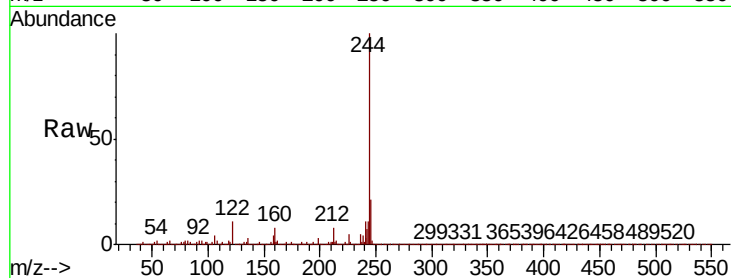
#79
Terphenyl-d14
Concen: 79.861 ng
RT: 12.93 min Scan# 1843
Delta R.T. -0.01 min
Lab File: BP000301.D
Acq: 18 Sep 2019 16:49

Instrument :
BNA_P
ClientSampleId :
MG-TRENCH-2-SOIL

Tot Ion:244 Resp: 3518744
Ion Ratio Lower Upper
244 100
212 7.7 5.9 8.9
122 11.3 9.0 13.4

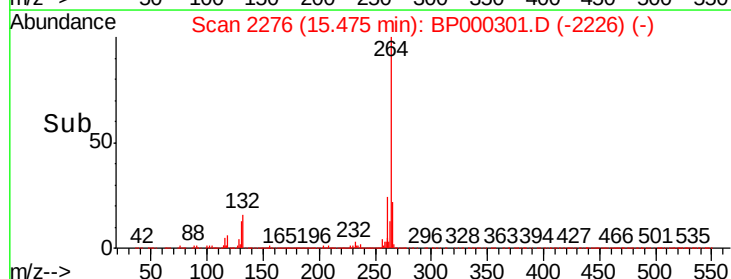
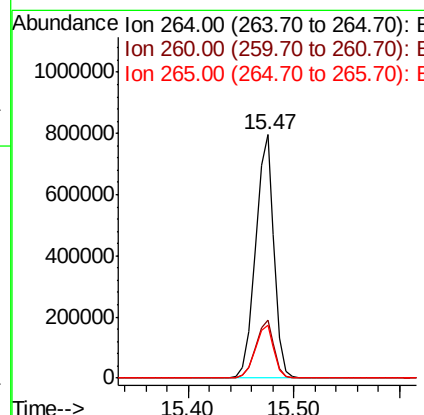
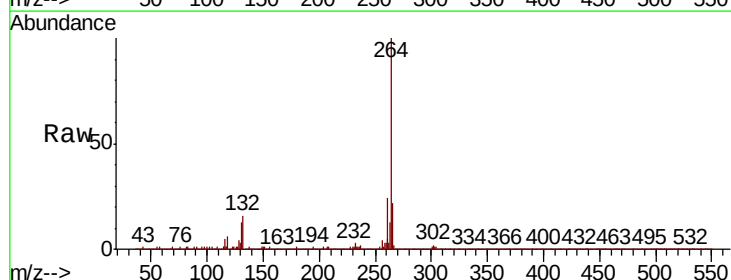
Manual Integrations
APPROVED

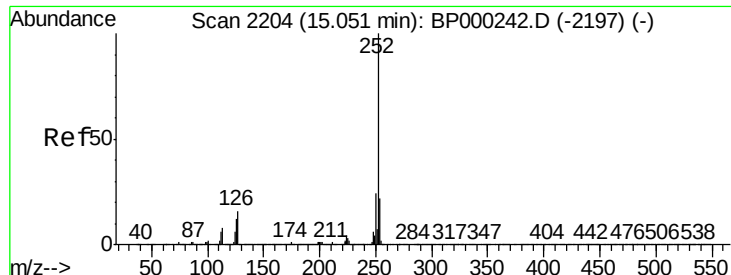
Jagrut
9/19/2019 11:07:07 AM



#87
Perylene-d12
Concen: 20.000 ng
RT: 15.47 min Scan# 2276
Delta R.T. -0.01 min
Lab File: BP000301.D
Acq: 18 Sep 2019 16:49

Tgt Ion:264 Resp: 966552
Ion Ratio Lower Upper
264 100
260 23.9 18.9 28.3
265 21.9 17.2 25.8





#88

Benzo(b)fluoranthene

Concen: 2.238 ng/mL

RT: 15.04 min Scan# 2202

Delta R.T. -0.01 min

Lab File: BP000301.D

Acq: 18 Sep 2019 16:49

Instrument :

BNA_P

ClientSampleId :

MG-TRENCH-2-SOIL

Tot Ion:	252	Resp:	129048
Ion Ratio	Lower	Upper	
252	100		
253	21.7	17.8	26.6
125	13.7	9.5	14.3

Manual Integrations
APPROVED

Jagrut
9/19/2019 11:07:07 AM

