

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP091919\
 Data File : BP000326.D
 Acq On : 19 Sep 2019 13:41
 Operator : HP/JU
 Sample : K4938-02
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 MG-NW-SOIL

Manual Integrations
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Quant Time: Sep 20 04:54:10 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP091619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 19 14:44:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	227337	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	843196	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	518922	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	1041824	20.00	ng	0.00
76) Chrysene-d12	13.99	240	1000255	20.00	ng	0.00
87) Perylene-d12	15.47	264	1059303	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	1242953	94.39	ng	0.00
7) Phenol-d6	6.43	99	1617107	100.18	ng	0.00
23) Nitrobenzene-d5	7.35	82	885080	67.72	ng	0.00
42) 2,4,6-Tribromophenol	10.63	330	593444	115.30	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	2029486	70.39	ng	0.00
79) Terphenyl-d14	12.93	244	2837432	59.51	ng	0.00
Target Compounds						
10) Phenol	6.43	94	50638	2.761	ng	81
50) Dimethylphthalate	9.55	163	319486	9.037	ng	98
75) Fluoranthene	12.55	202	235809	4.206	ng	95
78) Pyrene	12.78	202	213594	2.854	ng	98
88) Benzo(b)fluoranthene	15.04	252	149678m	2.369	ng	

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

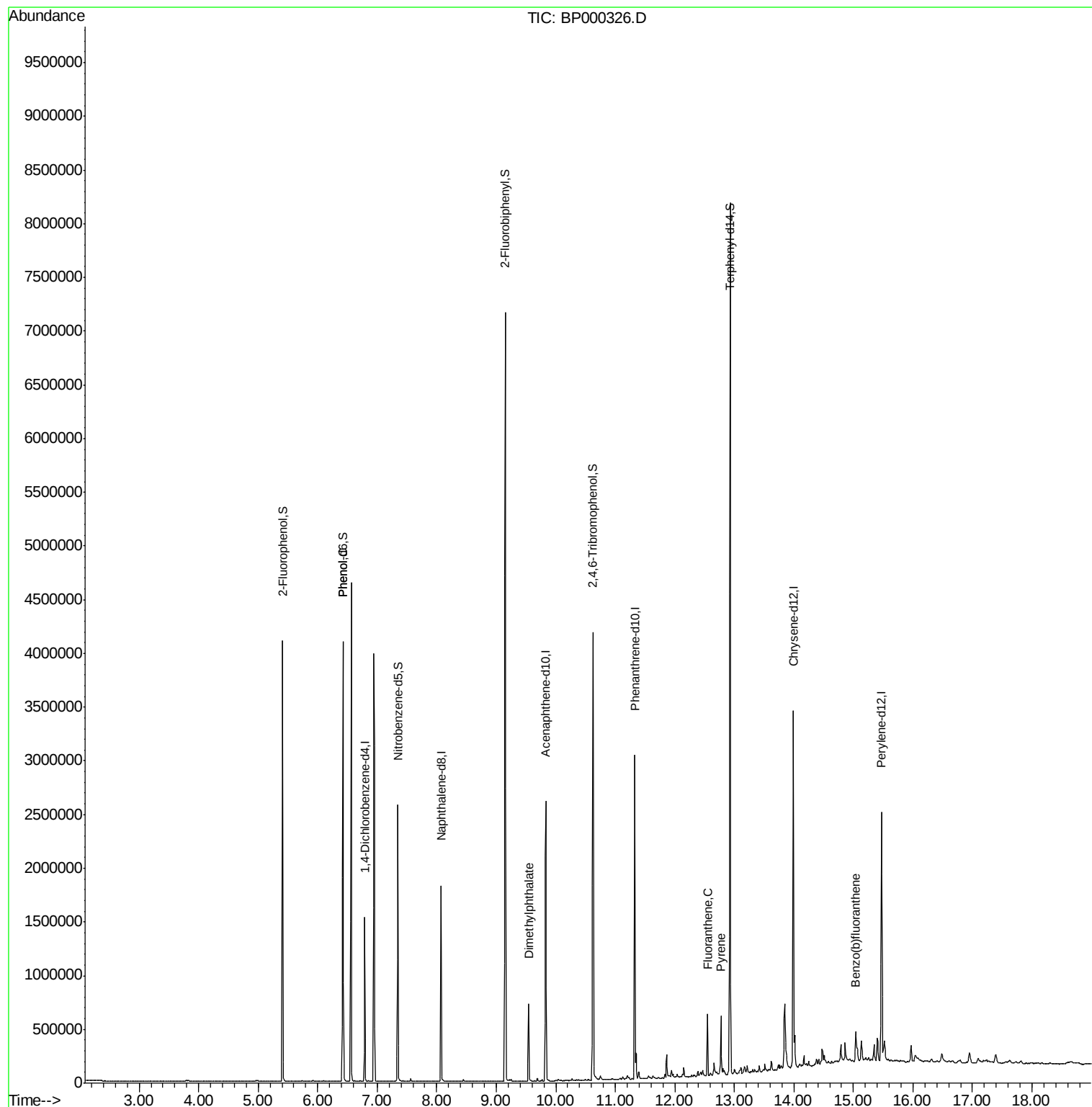
Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP091919\
Data File : BP000326.D
Acq On : 19 Sep 2019 13:41
Operator : HP/JU
Sample : K4938-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

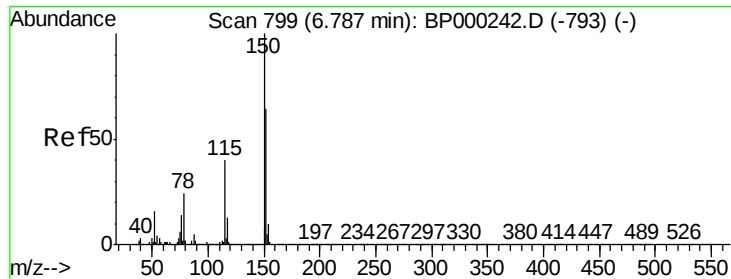
Instrument :
BNA_P
ClientSampleId :
MG-NW-SOIL

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Quant Time: Sep 20 04:54:10 2019
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

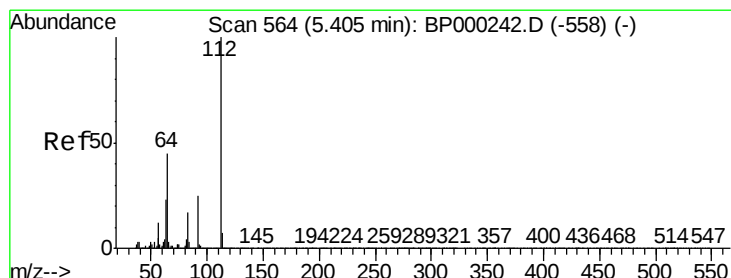
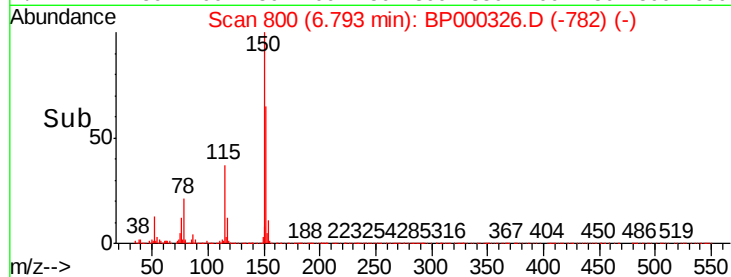
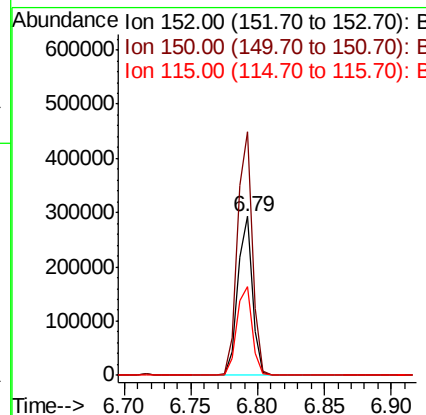
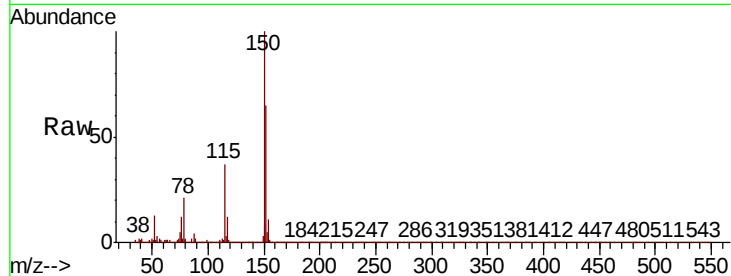
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. 0.01 min
Lab File: BP000326.D
Acq: 19 Sep 2019 13:41

Instrument :
BNA_P
ClientSampleId :
MG-NW-SOIL

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.5	125.2	187.8
115	56.3	49.7	74.5

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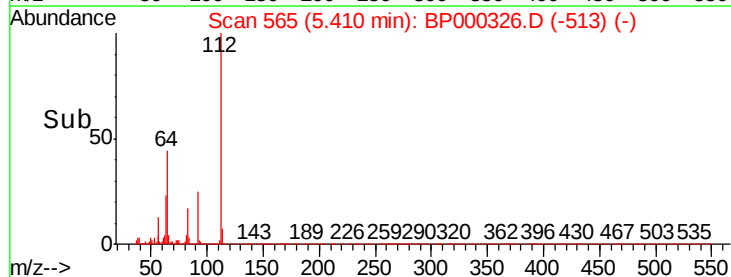
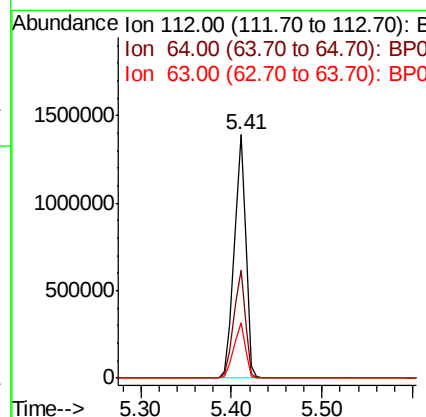
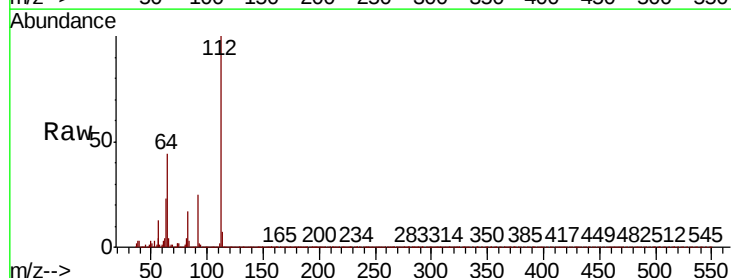
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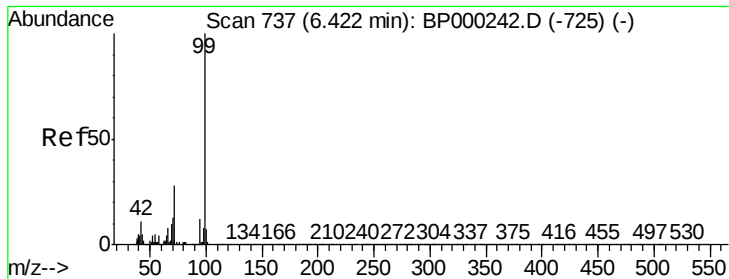


#5

2-Fluorophenol
Concen: 94.387 ng
RT: 5.41 min Scan# 565
Delta R.T. 0.01 min
Lab File: BP000326.D
Acq: 19 Sep 2019 13:41

Tgt Ion	Ratio	Lower	Upper
112	100		
64	44.2	36.2	54.4
63	23.0	18.3	27.5





#7

Phenol-d6

Concen: 100.180 ng

RT: 6.43 min Scan# 738

Delta R.T. 0.01 min

Lab File: BP000326.D

Acq: 19 Sep 2019 13:41

Instrument :

BNA_P

ClientSampleId :

MG-NW-SOIL

Tot Ion: 99 Resp: 1617107

Ion Ratio Lower Upper

99 100

42 10.7 8.5 12.7

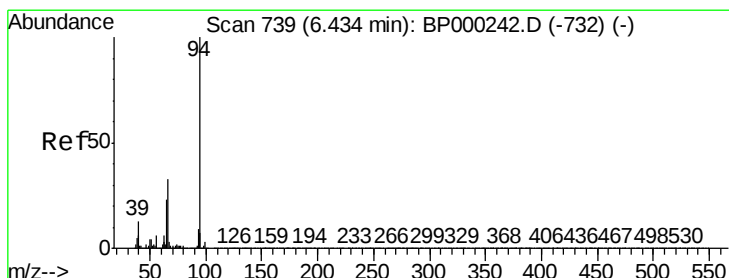
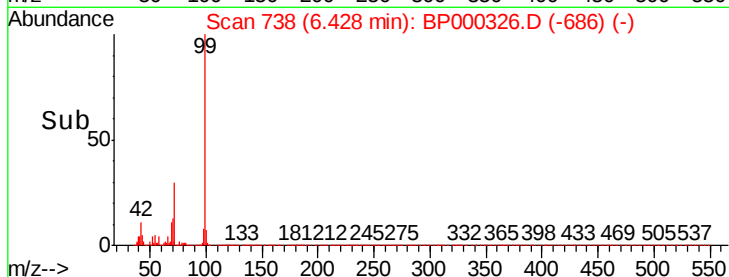
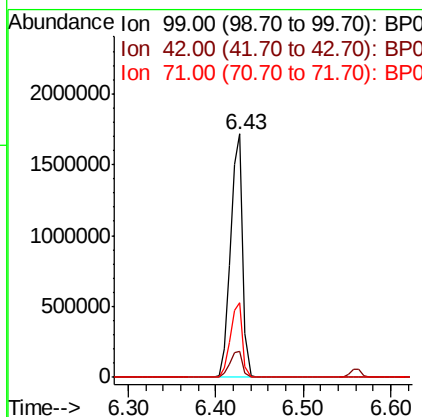
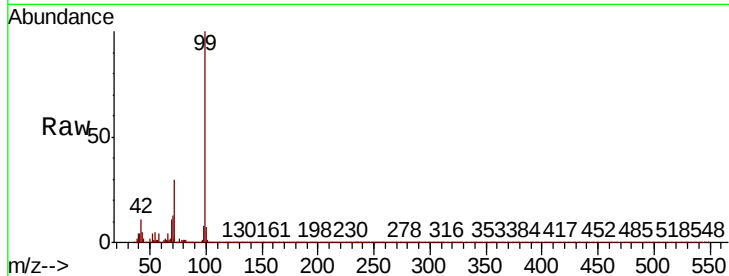
71 30.5 22.6 34.0

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#10

Phenol

Concen: 2.761 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.00 min

Lab File: BP000326.D

Acq: 19 Sep 2019 13:41

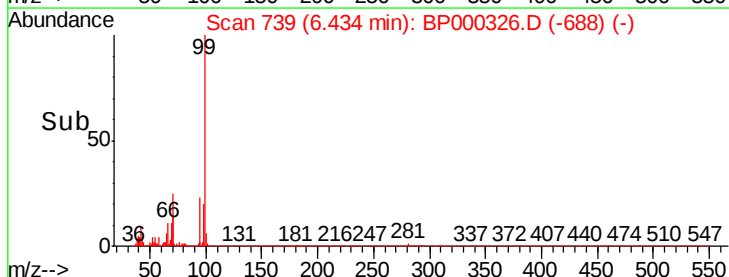
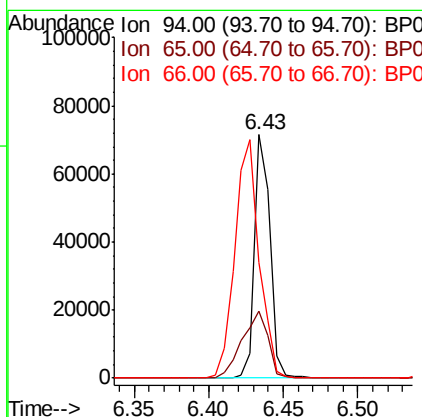
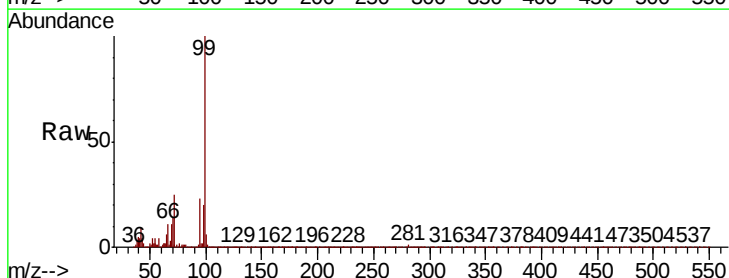
Tgt Ion: 94 Resp: 50638

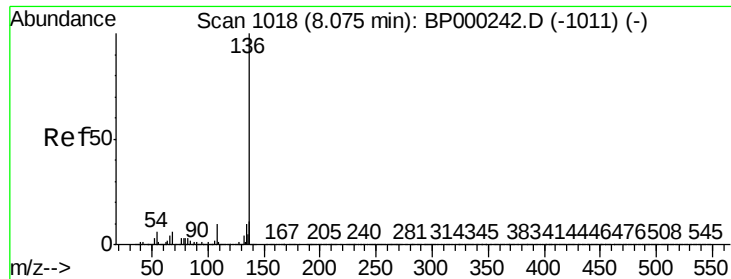
Ion Ratio Lower Upper

94 100

65 27.4 3.3 43.3

66 47.7 12.7 52.7





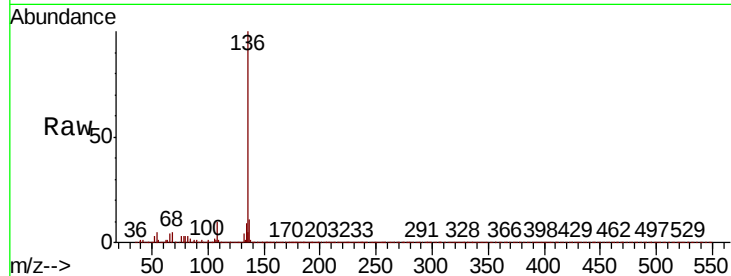
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.00 min
Lab File: BP000326.D
Acq: 19 Sep 2019 13:41

Instrument :
BNA_P
ClientSampleID :
MG-NW-SOIL

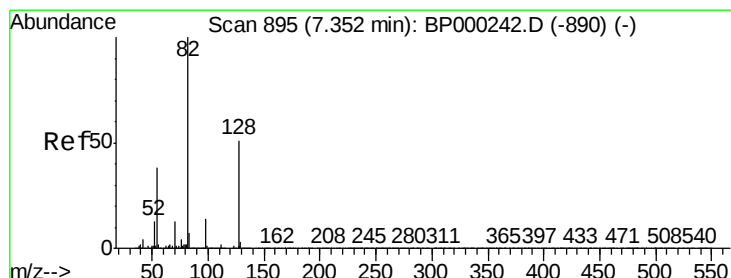
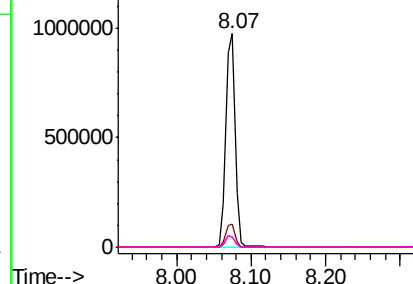
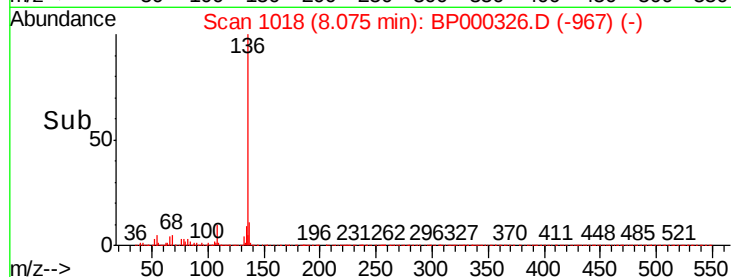
Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.6	8.6	13.0	
54	4.8	4.5	6.7	
68	4.8	4.5	6.7	

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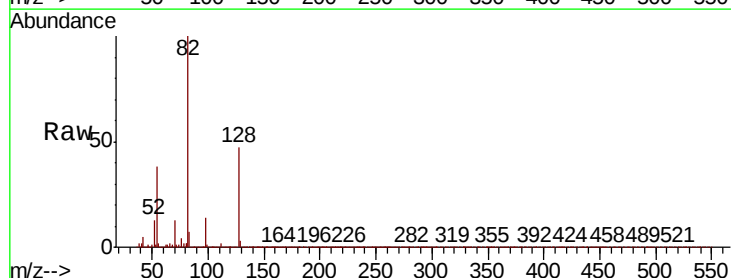


Abundance Ion 136.00 (135.70 to 136.70): E
1500000 Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BP0
Ion 68.00 (67.70 to 68.70): BP0

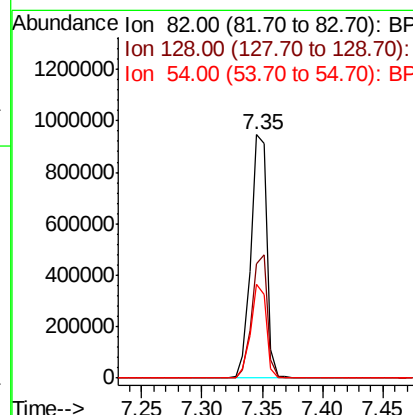
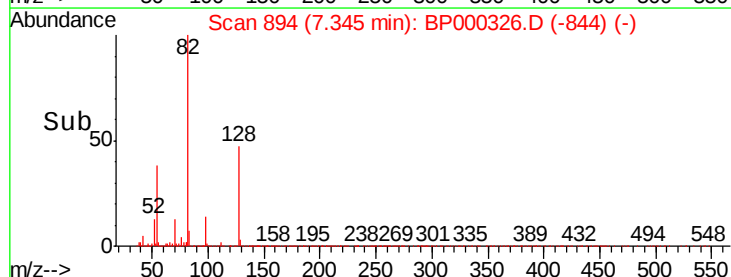


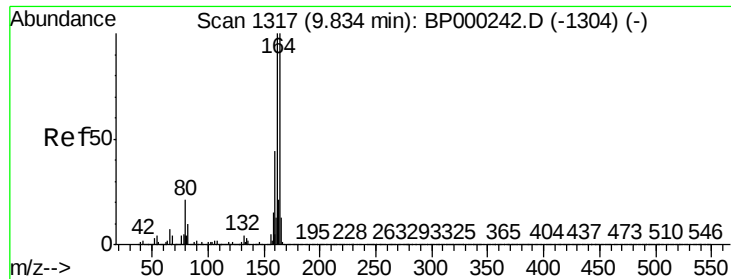
#23
Nitrobenzene-d5
Concen: 67.724 ng
RT: 7.35 min Scan# 894
Delta R.T. -0.01 min
Lab File: BP000326.D
Acq: 19 Sep 2019 13:41

Tgt Ion	Ratio	Resp	Lower	Upper
82	100			
128	47.2	40.7	61.1	
54	38.4	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





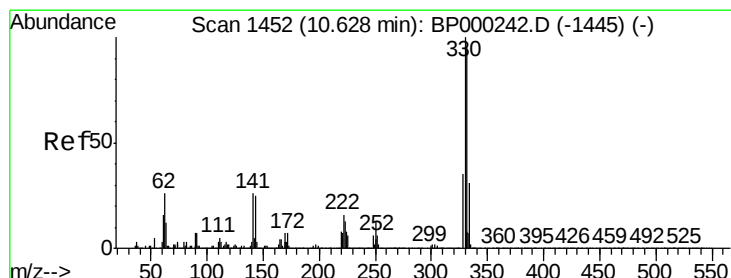
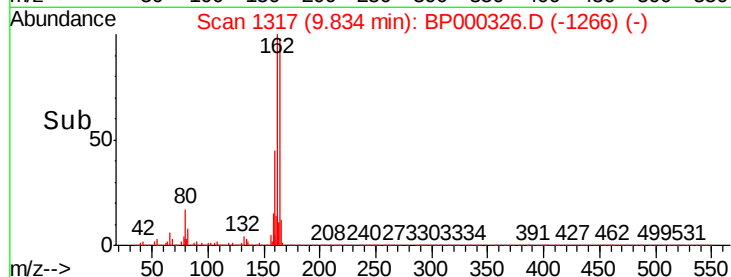
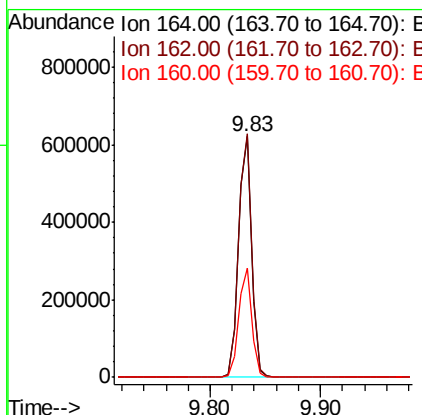
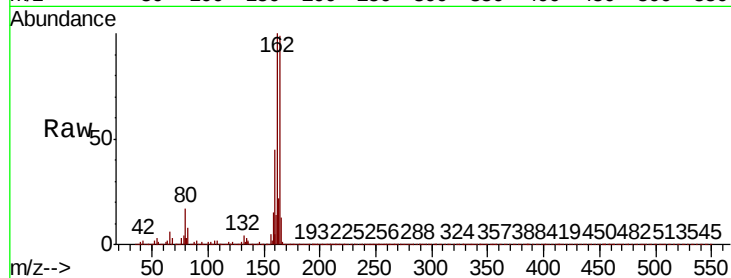
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.00 min
Lab File: BP000326.D
Acq: 19 Sep 2019 13:41

Instrument :
BNA_P
ClientSampleId :
MG-NW-SOIL

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	101.2	79.9	119.9	
160	45.2	35.6	53.4	

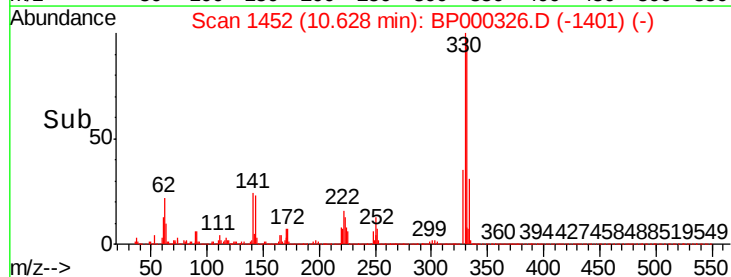
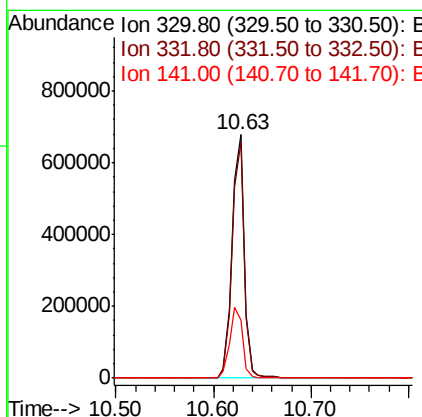
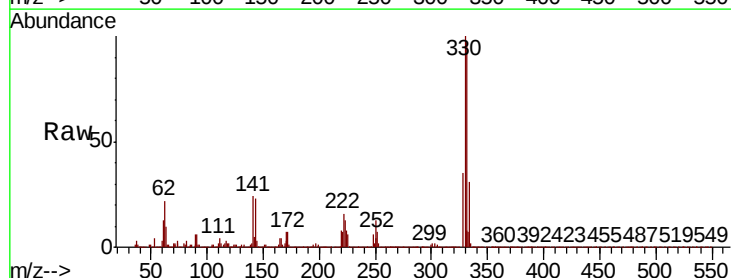
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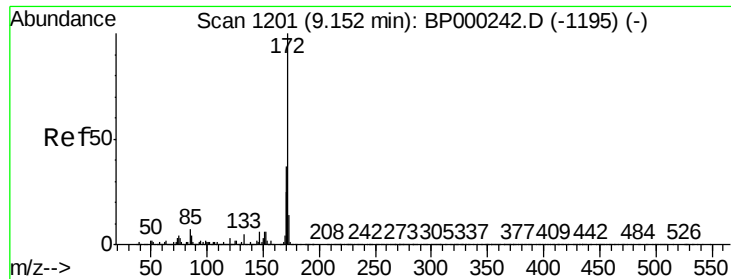
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#42
2,4,6-Tribromophenol
Concen: 115.299 ng
RT: 10.63 min Scan# 1452
Delta R.T. -0.00 min
Lab File: BP000326.D
Acq: 19 Sep 2019 13:41

Tgt Ion	Ratio	Resp	Lower	Upper
330	100			
332	96.8	76.6	115.0	
141	30.5	26.5	39.7	





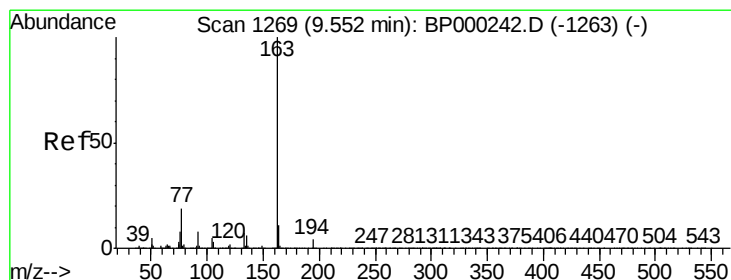
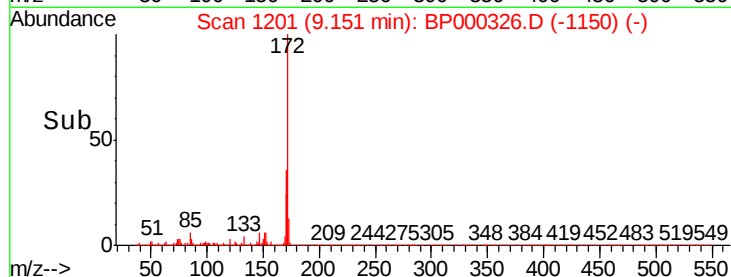
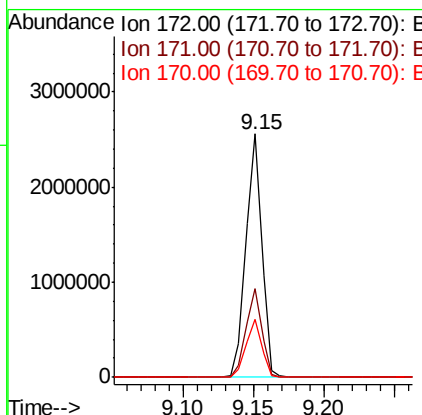
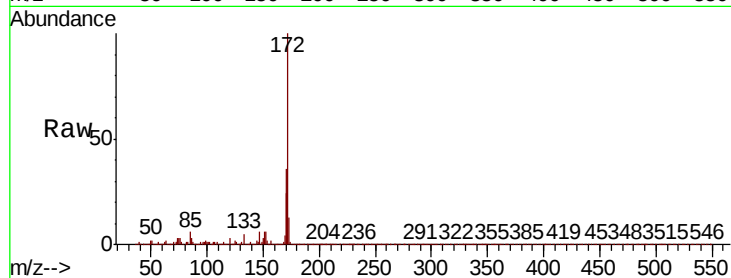
#45
2-Fluorobiphenyl
Concen: 70.390 ng
RT: 9.15 min Scan# 1201
Delta R.T. -0.00 min
Lab File: BP000326.D
Acq: 19 Sep 2019 13:41

Instrument :
BNA_P
ClientSampleId :
MG-NW-SOIL

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.8	44.6
170	24.0	19.8	29.6

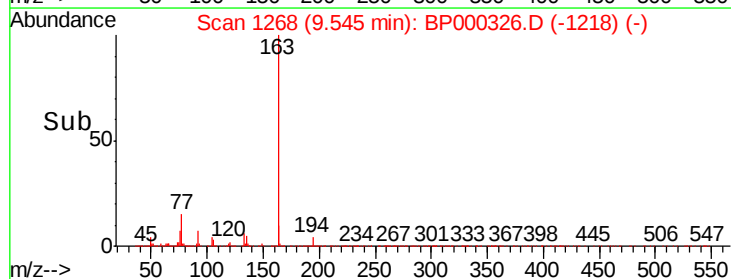
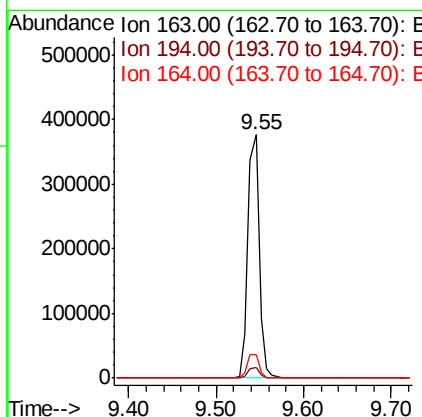
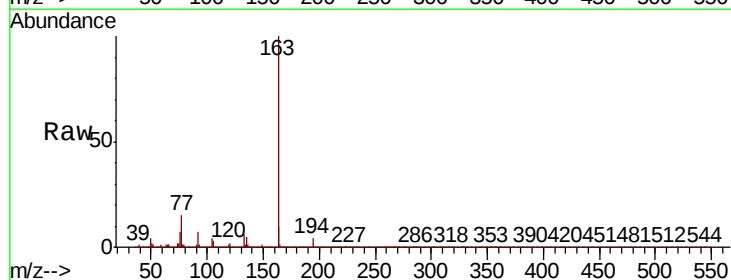
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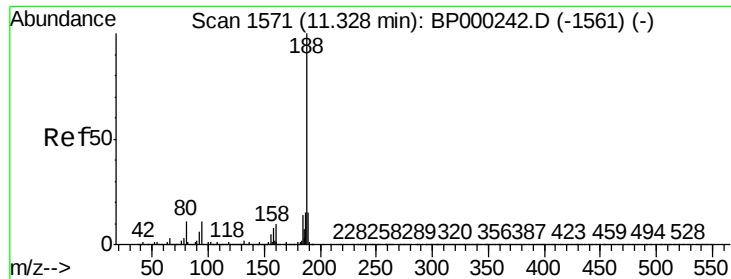
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#50
Dimethylphthalate
Concen: 9.037 ng
RT: 9.55 min Scan# 1268
Delta R.T. -0.01 min
Lab File: BP000326.D
Acq: 19 Sep 2019 13:41

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.4	5.0
164	9.7	8.5	12.7





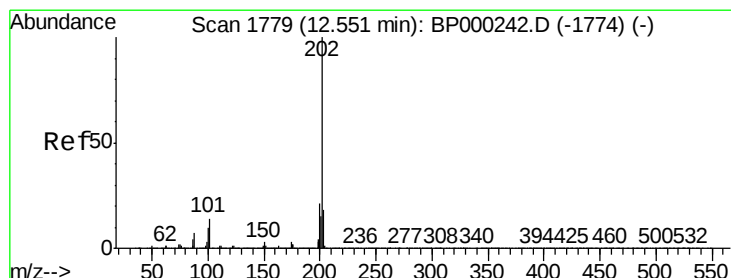
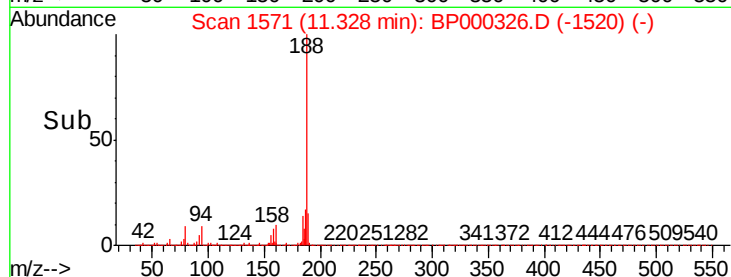
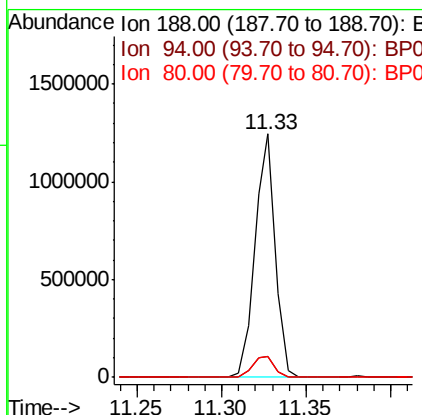
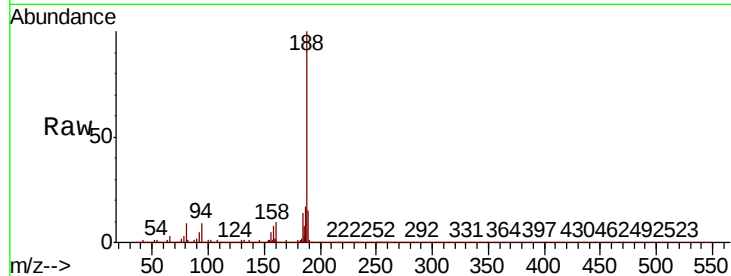
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1571
Delta R.T. -0.00 min
Lab File: BP000326.D
Acq: 19 Sep 2019 13:41

Instrument :
BNA_P
ClientSampleId :
MG-NW-SOIL

Tot Ion	Ratio	Lower	Upper
188	100		
94	8.6	8.5	12.7
80	8.7	8.6	13.0

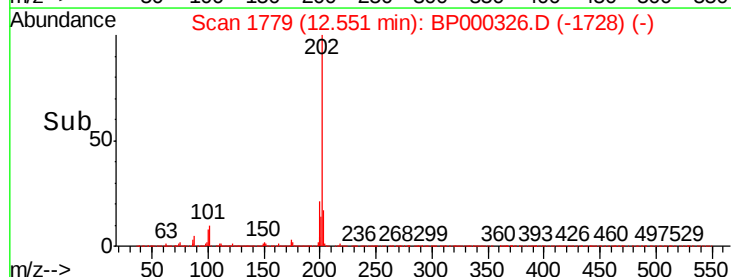
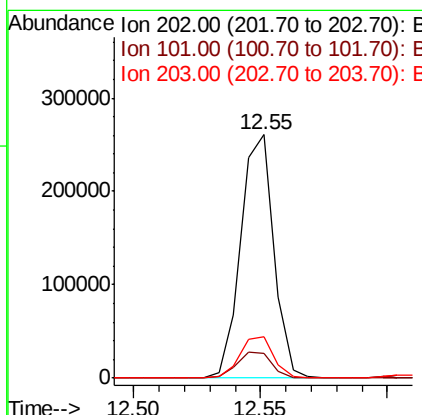
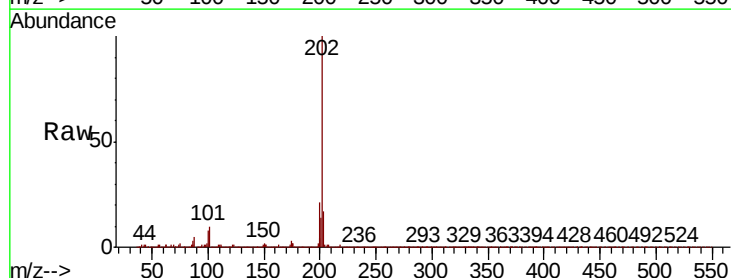
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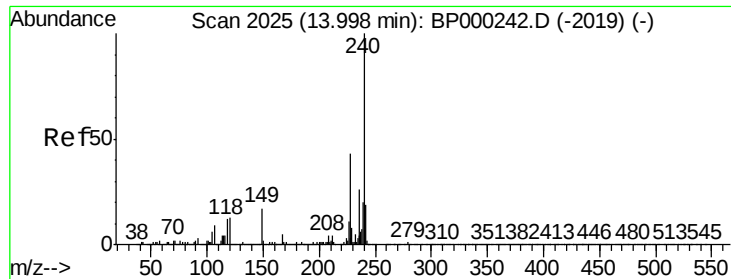
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#75
Fluoranthene
Concen: 4.206 ng
RT: 12.55 min Scan# 1779
Delta R.T. -0.00 min
Lab File: BP000326.D
Acq: 19 Sep 2019 13:41

Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.4	0.0	33.9
203	17.2	0.0	38.0





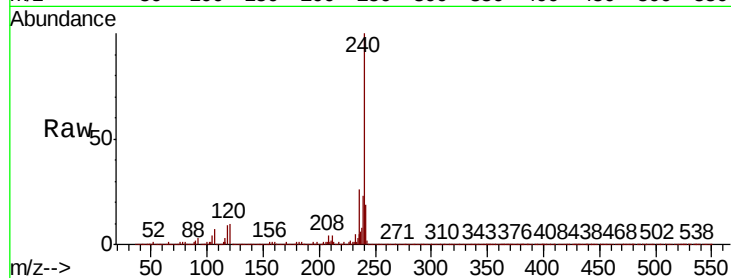
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.99 min Scan# 2024
Delta R.T. -0.01 min
Lab File: BP000326.D
Acq: 19 Sep 2019 13:41

Instrument :
BNA_P
ClientSampleId :
MG-NW-SOIL

Tot Ion	Ratio	Lower	Upper
240	100		
120	10.1	10.4	15.6#
236	26.4	21.0	31.6

Manual Integrations
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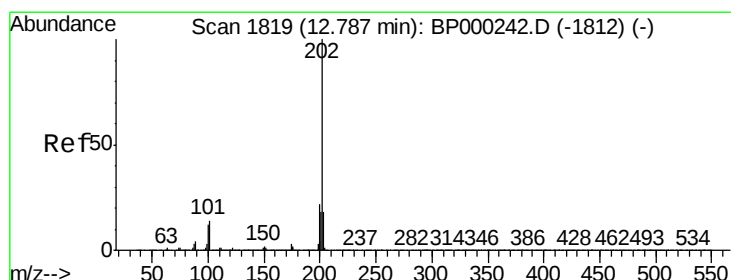
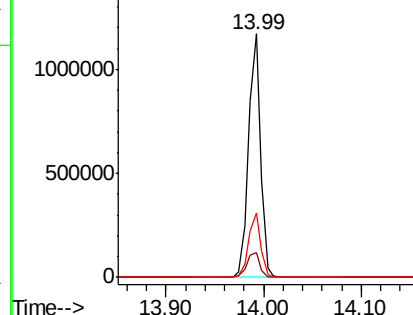
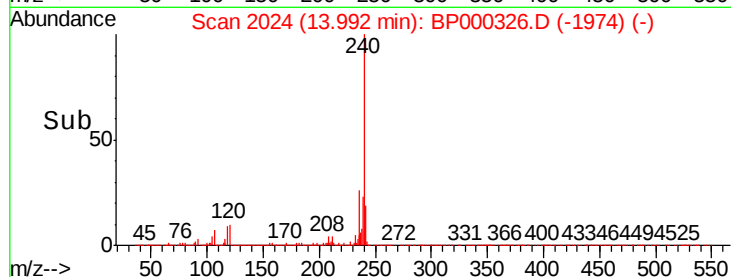


Abundance

Ion 240.00 (239.70 to 240.70): E

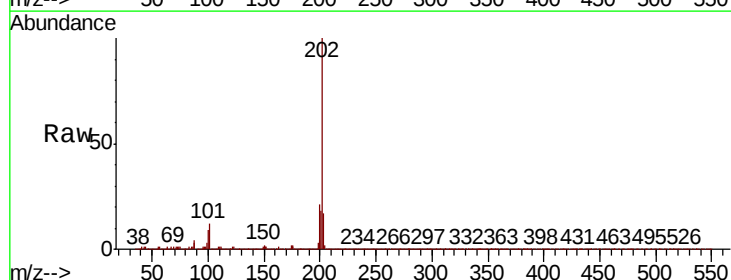
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#78
Pyrene
Concen: 2.854 ng
RT: 12.78 min Scan# 1818
Delta R.T. -0.01 min
Lab File: BP000326.D
Acq: 19 Sep 2019 13:41

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.5	17.5	26.3
203	17.3	14.3	21.5

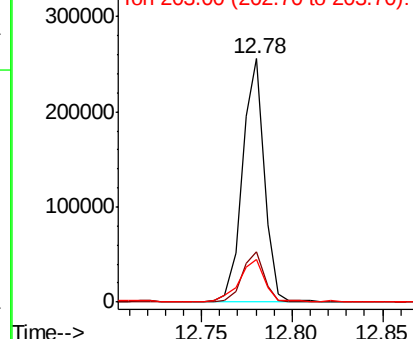
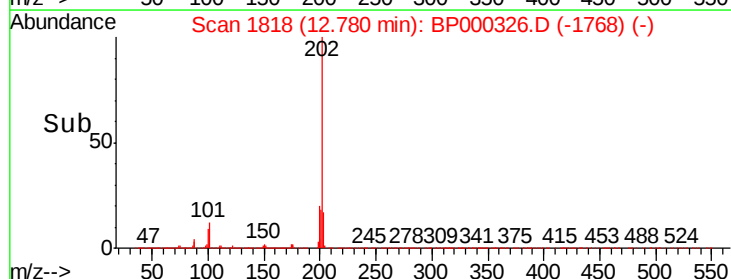


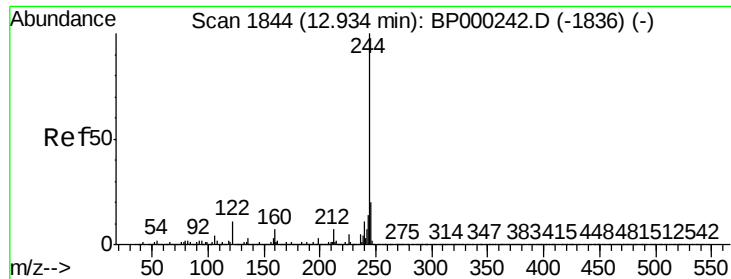
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





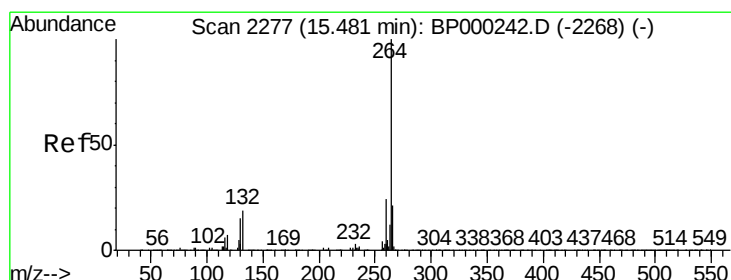
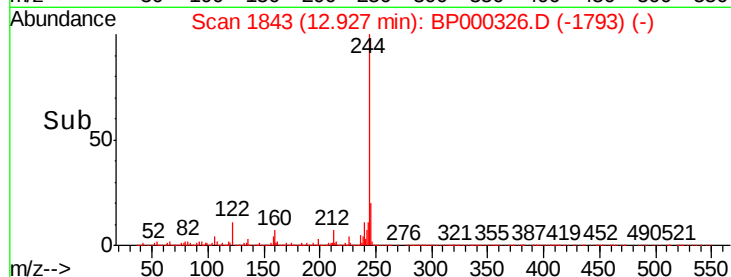
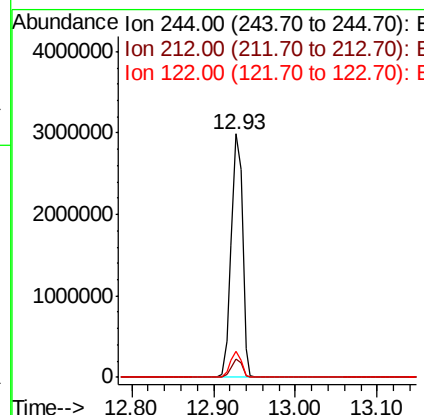
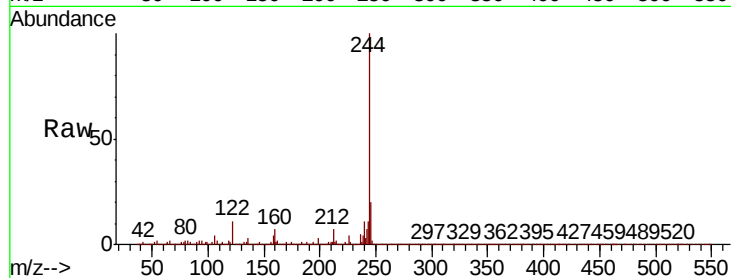
#79
 Terphenyl-d14
 Concen: 59.510 ng
 RT: 12.93 min Scan# 1843
 Delta R.T. -0.01 min
 Lab File: BP000326.D
 Acq: 19 Sep 2019 13:41

Instrument :
 BNA_P
 ClientSampleId :
 MG-NW-SOIL

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.4	5.9	8.9
122	10.6	9.0	13.4

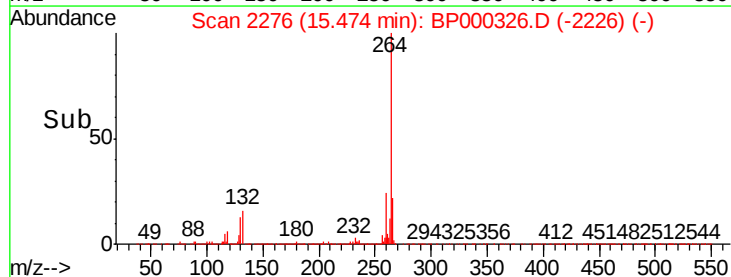
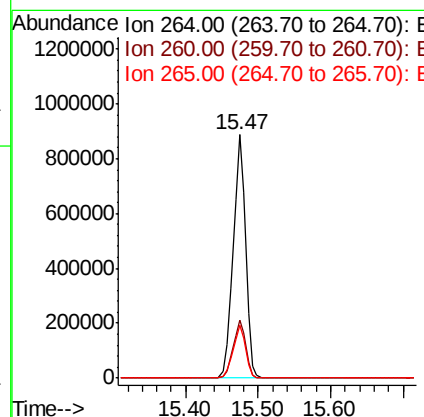
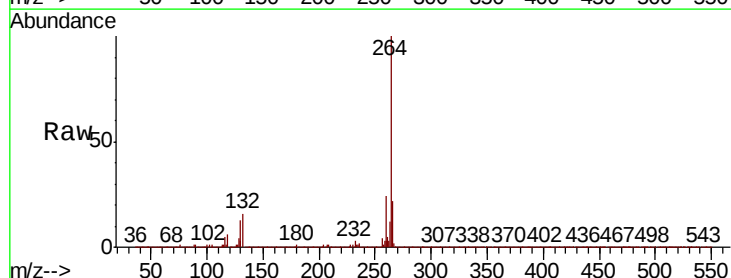
Manual Integrations
 APPROVED

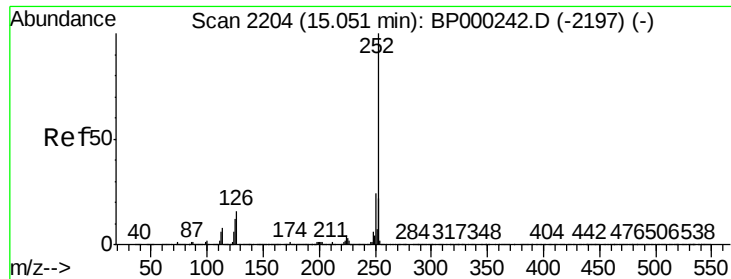
mohammad
 9/20/2019 1:08:35 PM



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.47 min Scan# 2276
 Delta R.T. -0.01 min
 Lab File: BP000326.D
 Acq: 19 Sep 2019 13:41

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.9	28.3
265	21.8	17.2	25.8





#88

Benzo(b)fluoranthene

Concen: 2.369 ng m

RT: 15.04 min Scan# 2202

Delta R.T. -0.01 min

Lab File: BP000326.D

Acq: 19 Sep 2019 13:41

Instrument :

BNA_P

ClientSampleId :

MG-NW-SOIL

Tot Ion:	252	Resp:	149678
Ion Ratio	Lower	Upper	
252	100		
253	22.4	17.8	26.6
125	11.5	9.5	14.3

Manual Integrations
APPROVED

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