

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP091919\
 Data File : BP000336.D
 Acq On : 19 Sep 2019 17:40
 Operator : HP/JU
 Sample : K4960-01
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 ROLL-OFF-COMP

Manual Integrations
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Quant Time: Sep 20 05:26:24 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	226019	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	799476	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	427185	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	760796	20.00	ng	0.00
76) Chrysene-d12	13.99	240	637602	20.00	ng	0.00
87) Perylene-d12	15.47	264	741713	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	1185333	90.54	ng	0.00
7) Phenol-d6	6.42	99	1513326	94.30	ng	0.00
23) Nitrobenzene-d5	7.35	82	804044	64.89	ng	0.00
42) 2,4,6-Tribromophenol	10.63	330	429035	101.26	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	1780214	75.00	ng	0.00
79) Terphenyl-d14	12.93	244	1891933	62.25	ng	0.00

Target Compounds				Qvalue		
10) Phenol	6.43	94	88845	4.873	ng	94
31) Naphthalene	8.09	128	216482	5.847	ng	98
37) 2-Methylnaphthalene	8.79	142	149895	5.922	ng	98
38) 1-Methylnaphthalene	8.89	142	79323	3.346	ng	100
50) Dimethylphthalate	9.55	163	226824	7.793	ng	98
52) Acenaphthene	9.86	154	198379	8.436	ng	100
55) Dibenzofuran	10.04	168	236019	7.100	ng	97
58) Fluorene	10.38	166	248454	9.676	ng	99
71) Phenanthrene	11.35	178	654473	17.166	ng	99
72) Anthracene	11.40	178	93942	2.394	ng	99
75) Fluoranthene	12.55	202	497006	12.140	ng	96
78) Pyrene	12.78	202	381149	7.990	ng	99
81) Benzo(a)anthracene	13.98	228	160399	3.983	ng	97
83) Chrysene	14.02	228	140558	3.554	ng	96
88) Benzo(b)fluoranthene	15.04	252	191542m	4.329	ng	
90) Benzo(a)pyrene	15.41	252	112910	2.804	ng	99

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

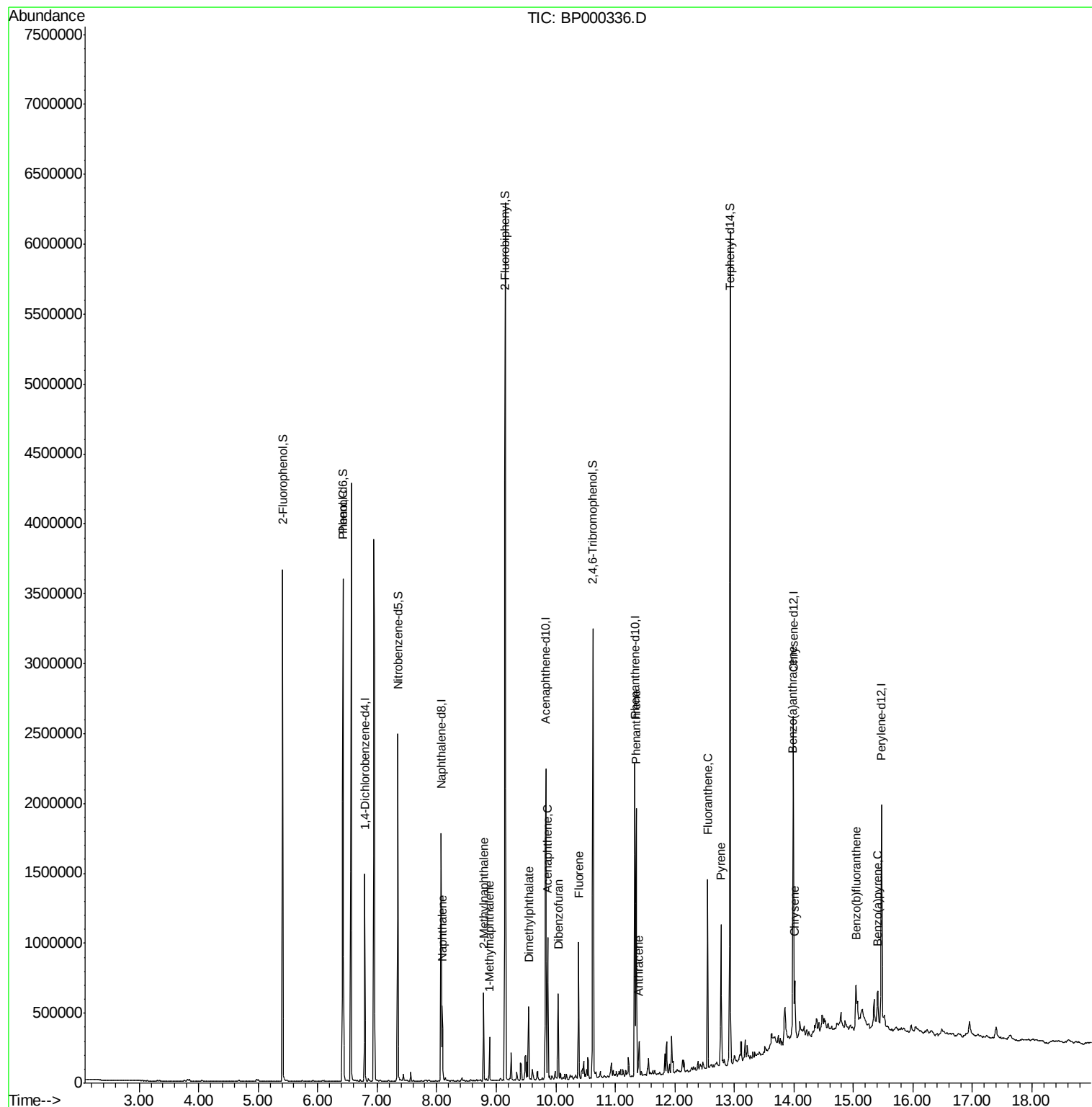
Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP091919\
Data File : BP000336.D
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ALS Vial : 21 Sample Multiplier: 1

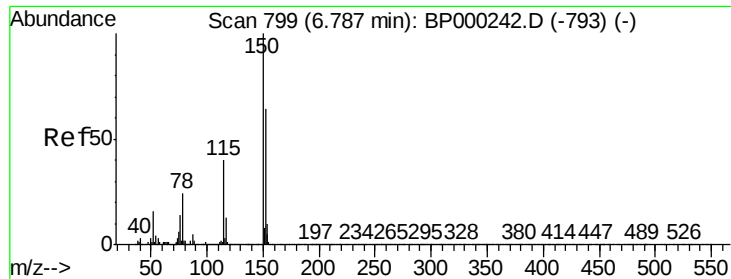
Instrument :
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#1

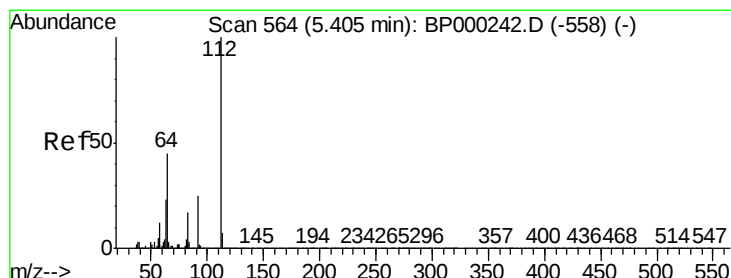
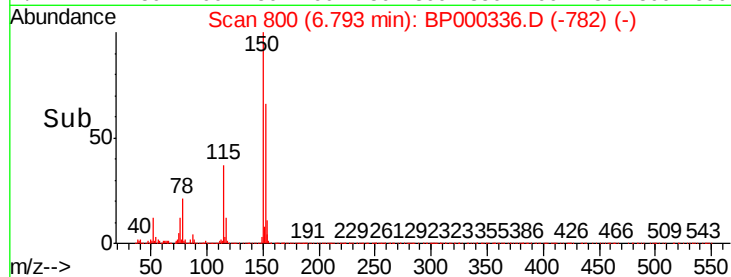
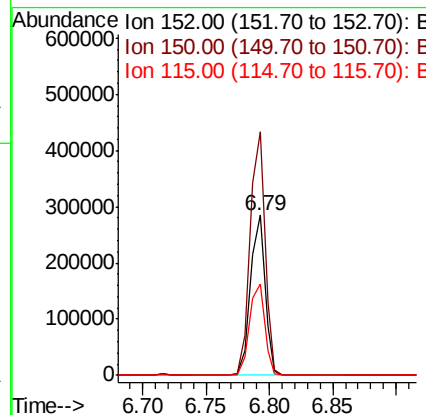
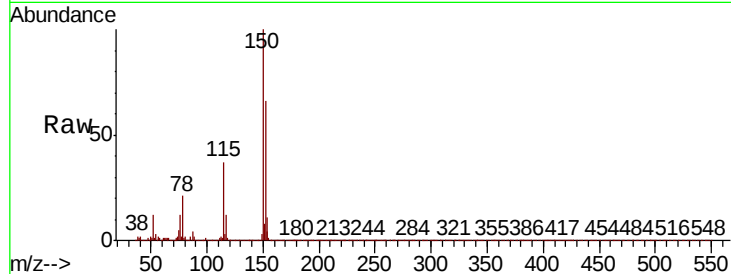
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. 0.01 min
Lab File: BP000336.D
Acq: 19 Sep 2019 17:40

Instrument :
BNA_P
ClientSampleId :
ROLL-OFF-COMP

Tot Ion	Ratio	Resp	Lower	Upper
152	100	226019		
150	152.3	125.2	187.8	
115	57.0	49.7	74.5	

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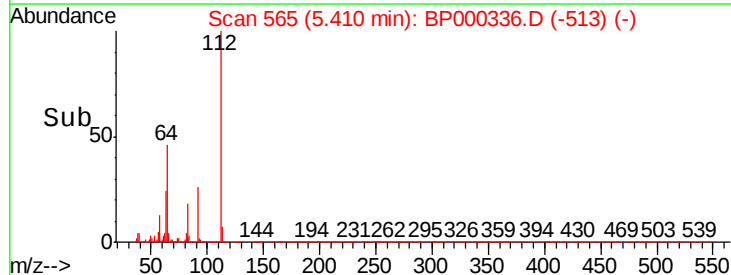
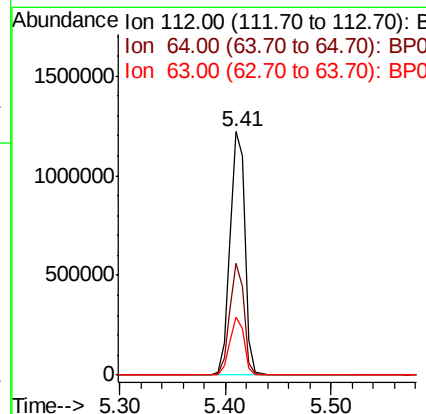
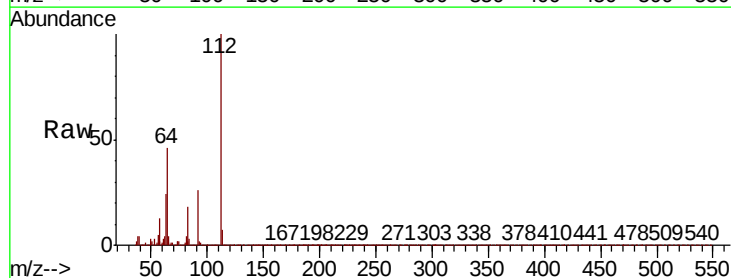
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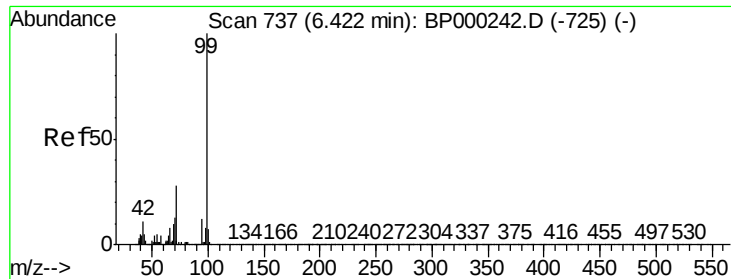


#5

2-Fluorophenol
Concen: 90.537 ng
RT: 5.41 min Scan# 565
Delta R.T. 0.01 min
Lab File: BP000336.D
Acq: 19 Sep 2019 17:40

Tgt Ion	Ratio	Resp	Lower	Upper
112	100	1185333		
64	45.9	36.2	54.4	
63	24.0	18.3	27.5	





#7

Phenol-d6

Concen: 94.298 ng

RT: 6.42 min Scan# 737

Delta R.T. -0.00 min

Lab File: BP000336.D

Acq: 19 Sep 2019 17:40

Instrument :

BNA_P

ClientSampleId :

ROLL-OFF-COMP

Tot Ion: 99 Resp: 1513326

Ion Ratio Lower Upper

99 100

42 11.5 8.5 12.7

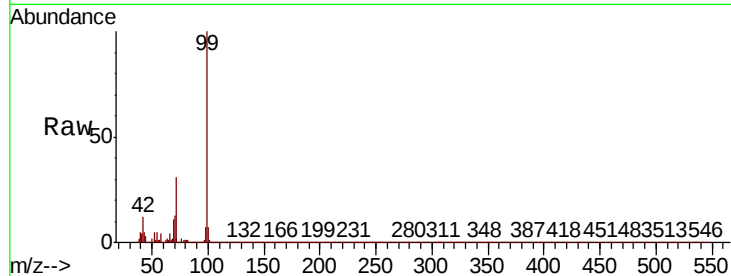
71 31.4 22.6 34.0

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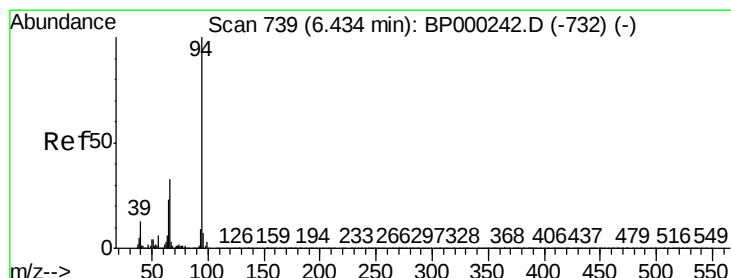
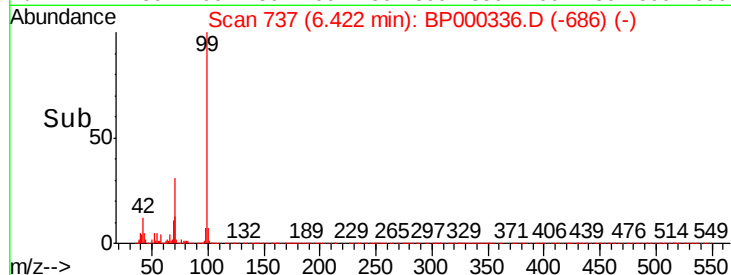
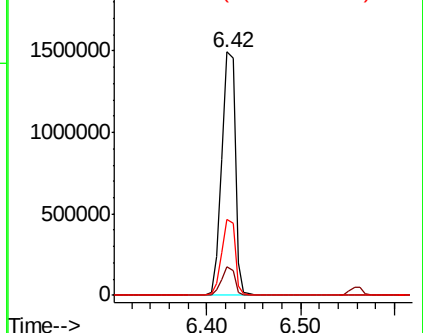
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Abundance Ion 99.00 (98.70 to 99.70): BP0

Ion 42.00 (41.70 to 42.70): BP0

Ion 71.00 (70.70 to 71.70): BP0



#10

Phenol

Concen: 4.873 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.00 min

Lab File: BP000336.D

Acq: 19 Sep 2019 17:40

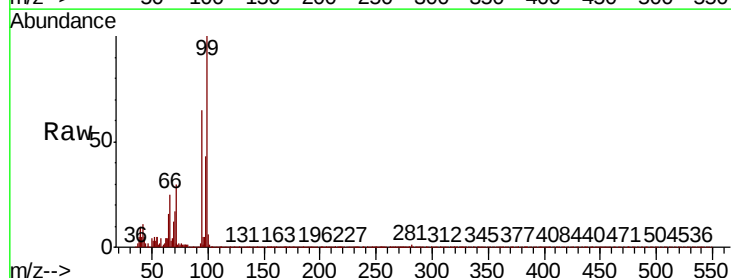
Tgt Ion: 94 Resp: 88845

Ion Ratio Lower Upper

94 100

65 24.3 3.3 43.3

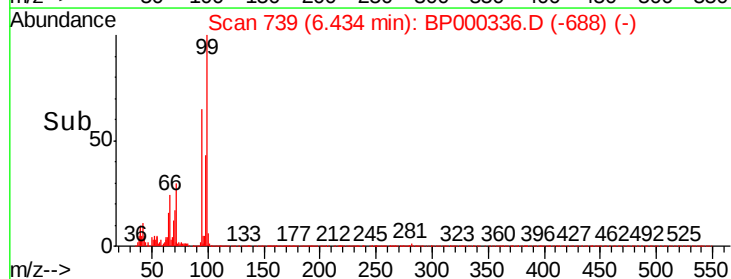
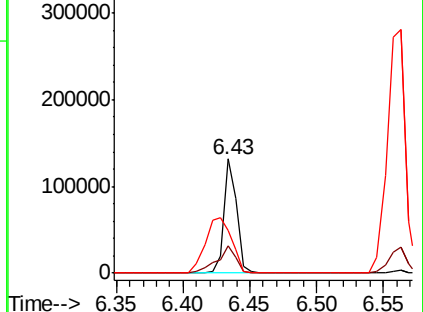
66 37.4 12.7 52.7

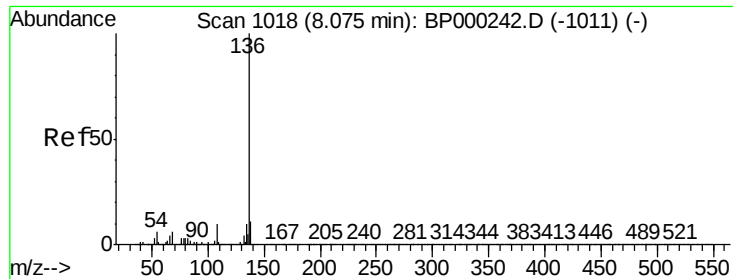


Abundance Ion 94.00 (93.70 to 94.70): BP0

Ion 65.00 (64.70 to 65.70): BP0

Ion 66.00 (65.70 to 66.70): BP0





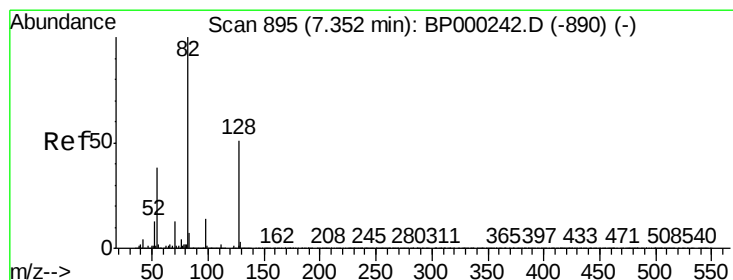
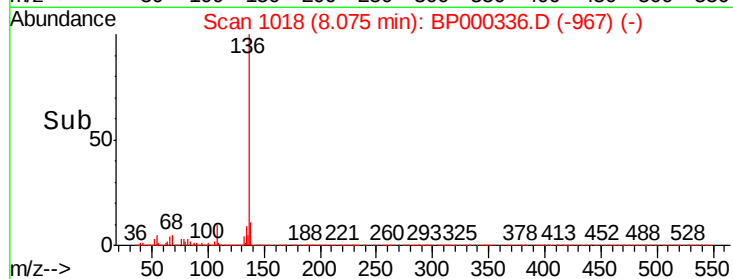
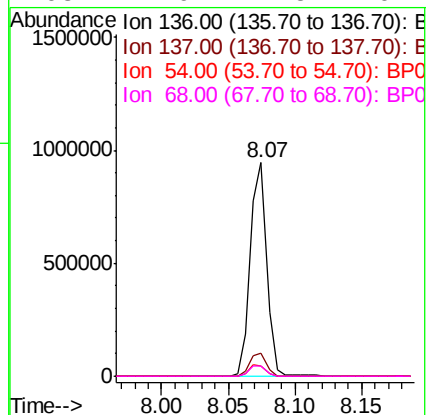
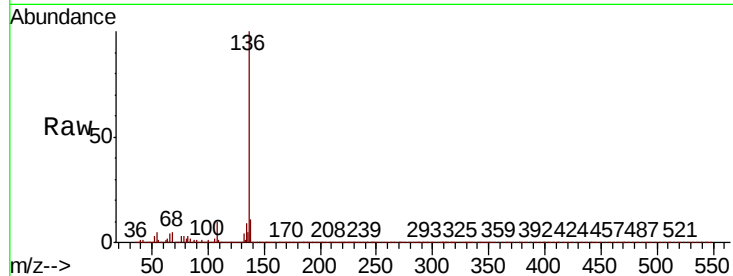
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.00 min
Lab File: BP000336.D
Acq: 19 Sep 2019 17:40

Instrument :
BNA_P
ClientSampleId :
ROLL-OFF-COMP

Tot Ion	Ratio	Resp Lower	Upper
136	100		
137	10.7	8.6	13.0
54	4.9	4.5	6.7
68	4.9	4.5	6.7

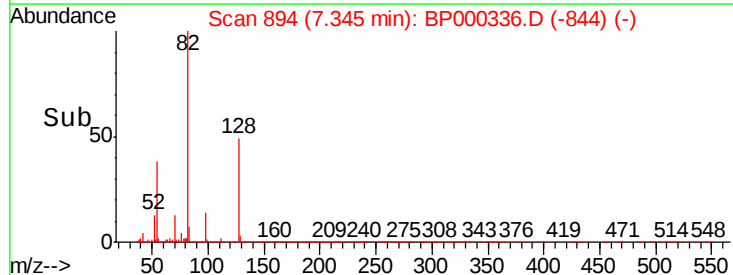
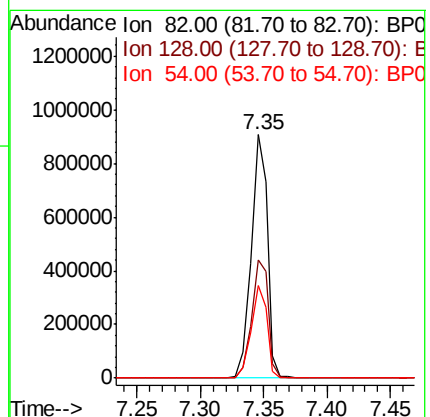
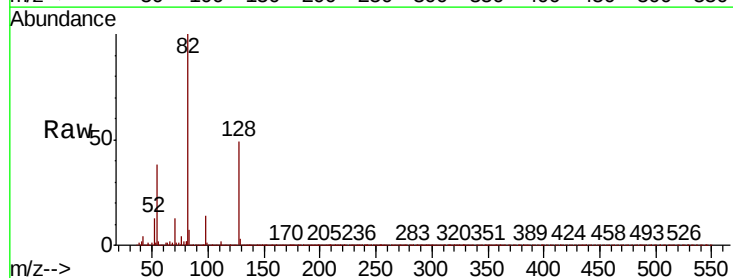
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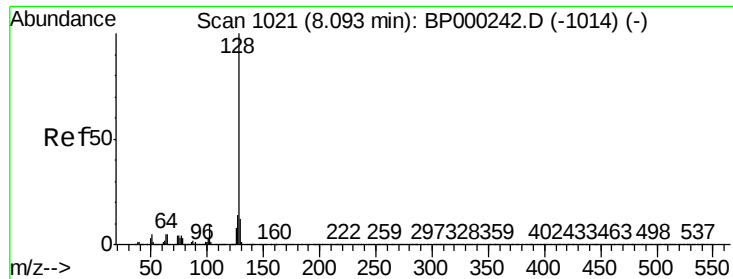
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#23
Nitrobenzene-d5
Concen: 64.888 ng
RT: 7.35 min Scan# 894
Delta R.T. -0.01 min
Lab File: BP000336.D
Acq: 19 Sep 2019 17:40

Tgt Ion	Ratio	Resp Lower	Upper
82	100		
128	48.6	40.7	61.1
54	38.1	30.1	45.1





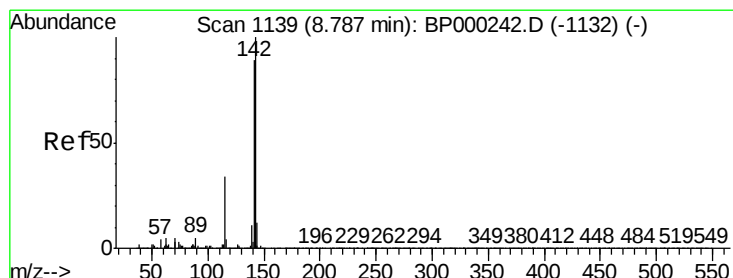
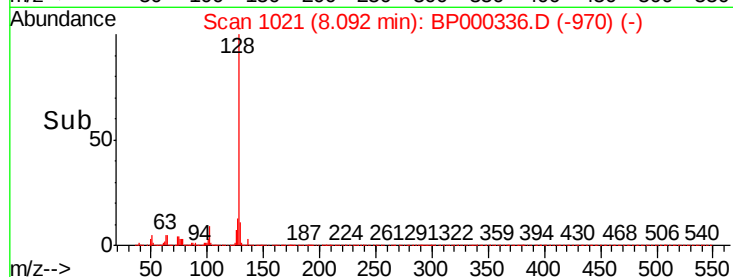
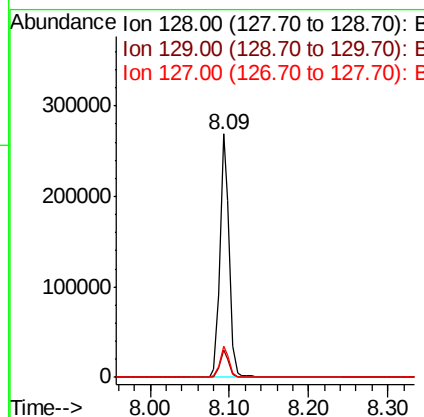
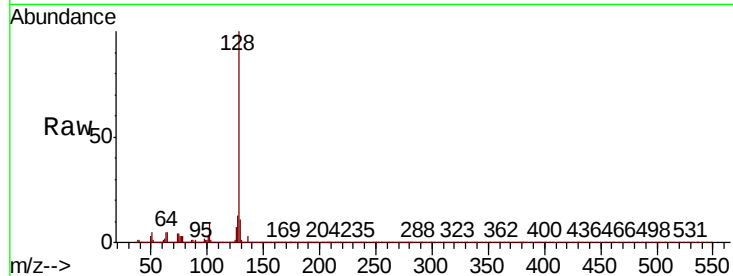
#31
Naphthalene
Concen: 5.847 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.00 min
Lab File: BP000336.D
Acq: 19 Sep 2019 17:40

Instrument :
BNA_P
ClientSampleId :
ROLL-OFF-COMP

Tot Ion	Ratio	Resp	Lower	Upper
128	100	216482		
129	11.3	9.2	13.8	
127	12.8	11.0	16.6	

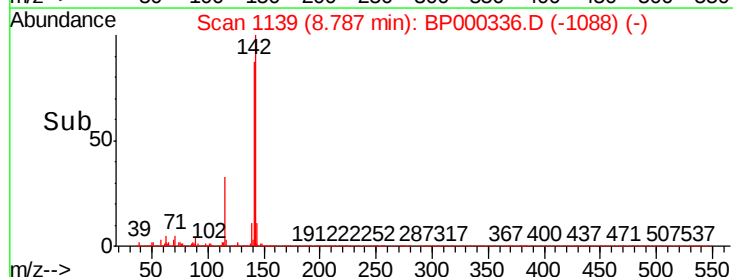
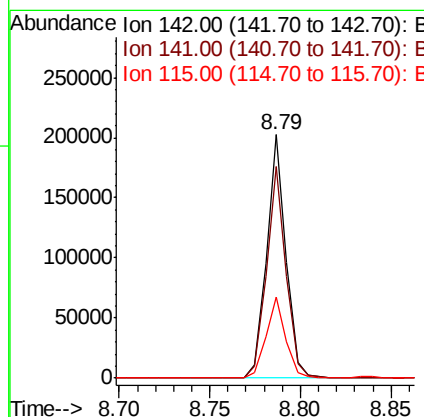
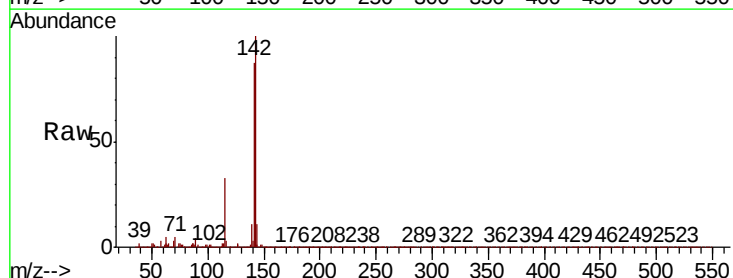
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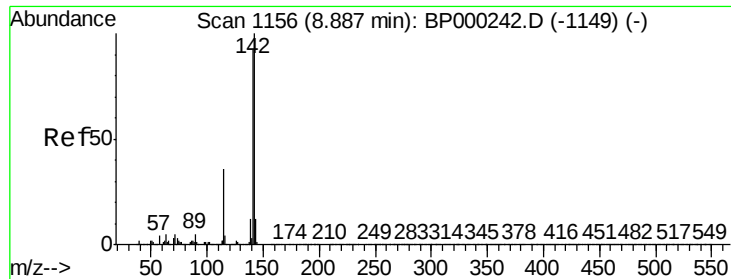
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#37
2-Methylnaphthalene
Concen: 5.922 ng
RT: 8.79 min Scan# 1139
Delta R.T. -0.00 min
Lab File: BP000336.D
Acq: 19 Sep 2019 17:40

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	149895		
141	86.9	71.3	106.9	
115	33.0	27.2	40.8	





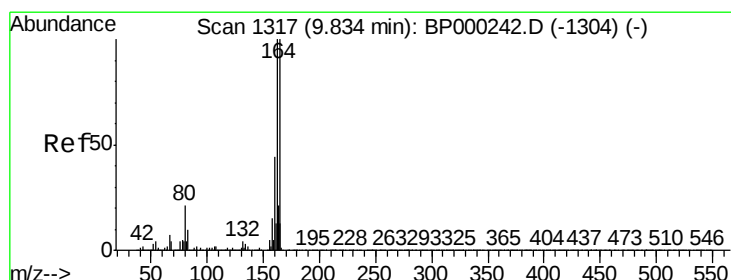
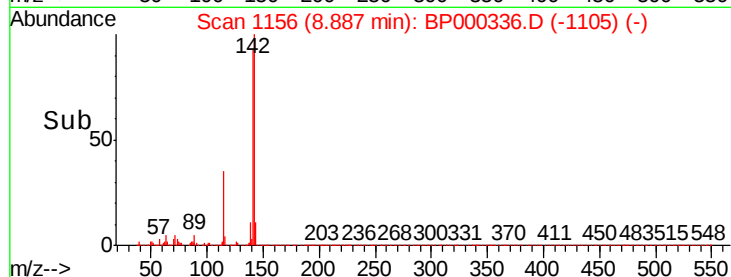
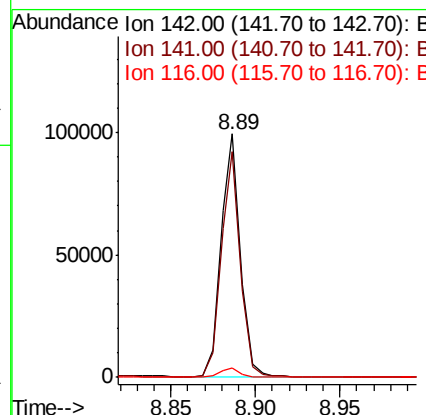
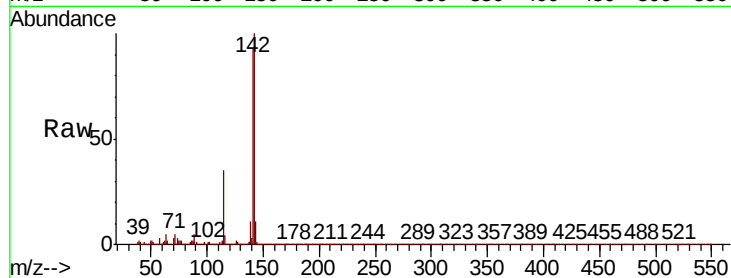
#38
1-Methylnaphthalene
Concen: 3.346 ng
RT: 8.89 min Scan# 1156
Delta R.T. -0.00 min
Lab File: BP000336.D
Acq: 19 Sep 2019 17:40

Instrument :
BNA_P
ClientSampleId :
ROLL-OFF-COMP

Tot Ion	Ratio	Lower	Upper
142	100		
141	92.6	73.9	110.9
116	4.0	3.0	4.6

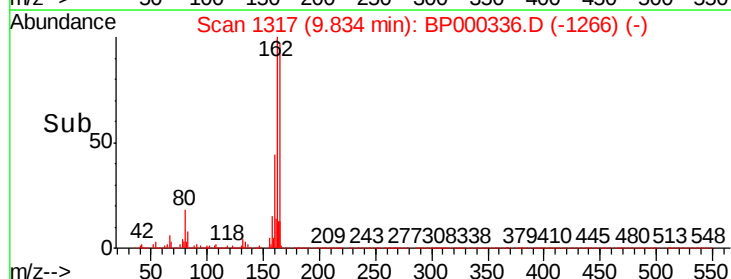
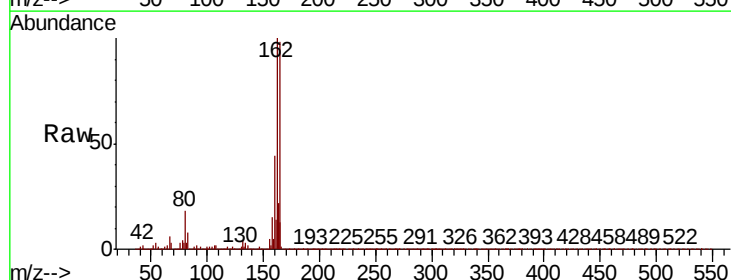
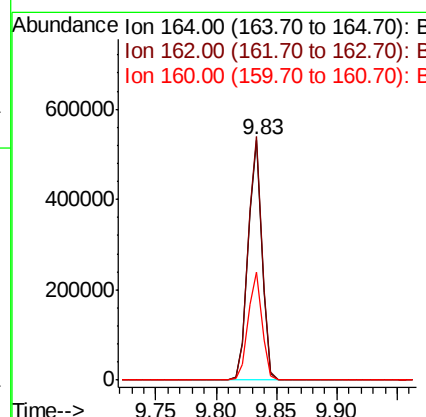
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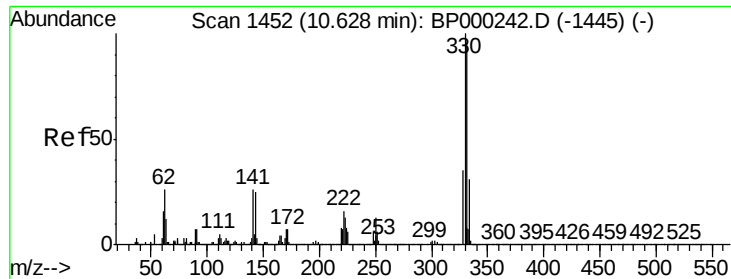
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.00 min
Lab File: BP000336.D
Acq: 19 Sep 2019 17:40

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.6	79.9	119.9
160	45.0	35.6	53.4





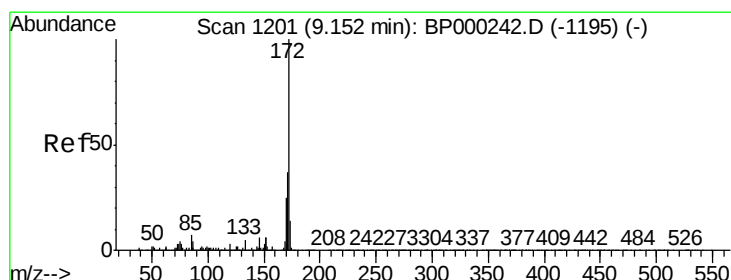
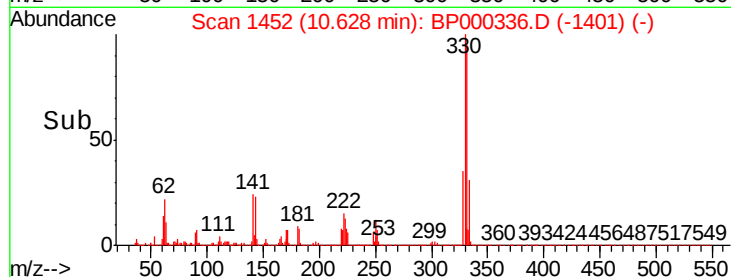
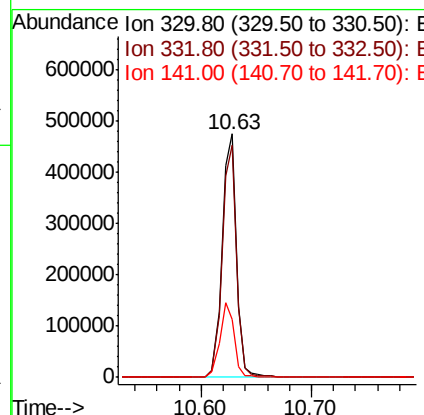
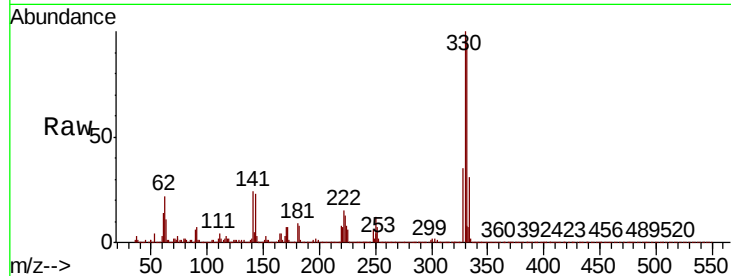
#42
2,4,6-Tribromophenol
Concen: 101.257 ng
RT: 10.63 min Scan# 1452
Delta R.T. -0.00 min
Lab File: BP000336.D
Acq: 19 Sep 2019 17:40

Instrument :
BNA_P
ClientSampleId :
ROLL-OFF-COMP

Tot Ion	Ratio	Resp	Lower	Upper
330	100	429035		
332	95.6	76.6	115.0	
141	30.2	26.5	39.7	

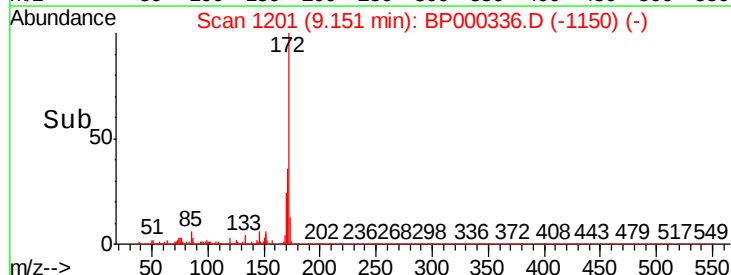
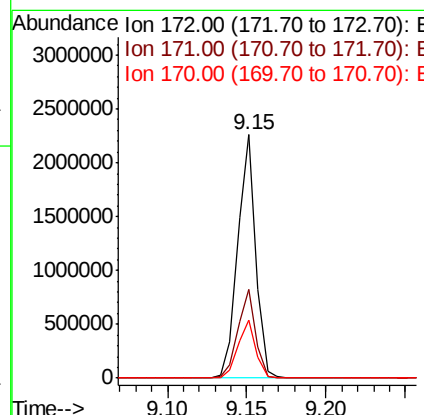
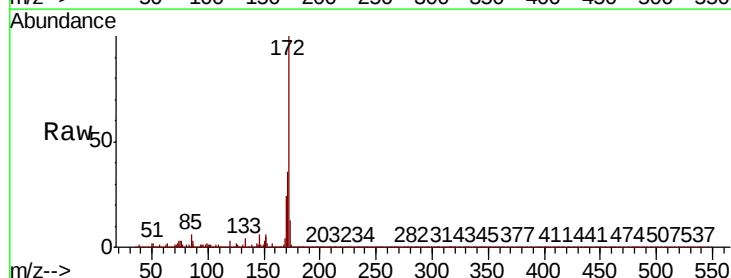
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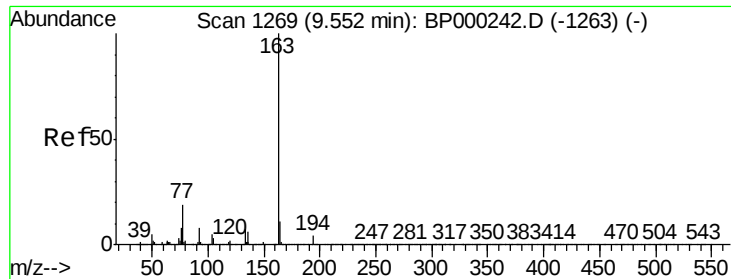
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#45
2-Fluorobiphenyl
Concen: 75.004 ng
RT: 9.15 min Scan# 1201
Delta R.T. -0.00 min
Lab File: BP000336.D
Acq: 19 Sep 2019 17:40

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1780214		
171	36.2	29.8	44.6	
170	23.8	19.8	29.6	





#50

Dimethylphthalate

Concen: 7.793 ng

RT: 9.55 min Scan# 1268

Delta R.T. -0.01 min

Lab File: BP000336.D

Acq: 19 Sep 2019 17:40

Instrument :

BNA_P

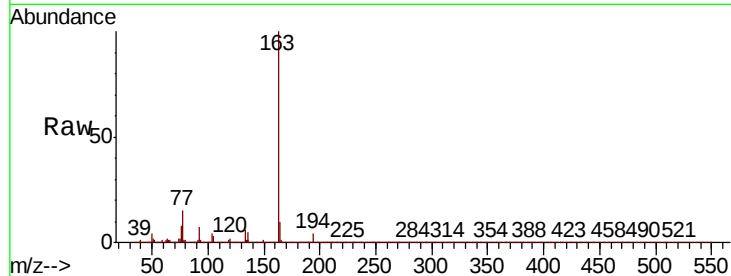
ClientSampleId :

ROLL-OFF-COMP

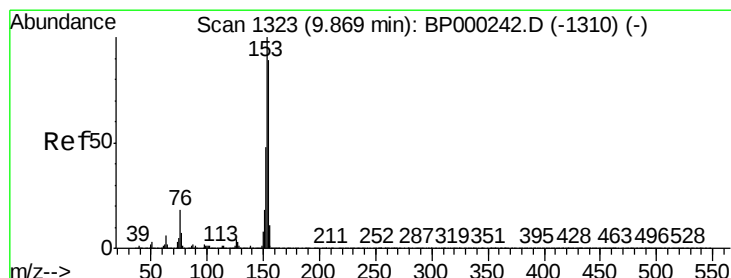
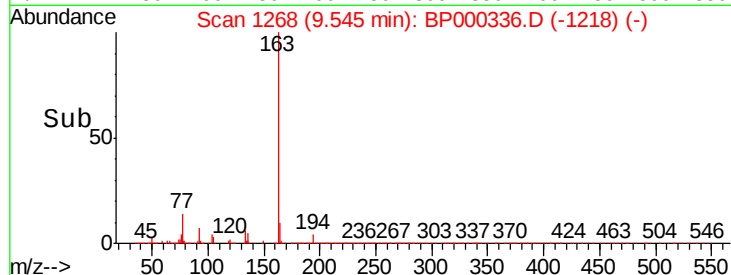
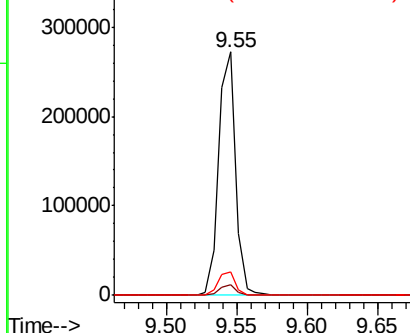
Tot Ion:	163	Resp:	226824
Ion Ratio	Lower	Upper	
163	100		
194	4.5	3.4	5.0
164	9.9	8.5	12.7

Manual Integrations
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Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E



#52

Acenaphthene

Concen: 8.436 ng

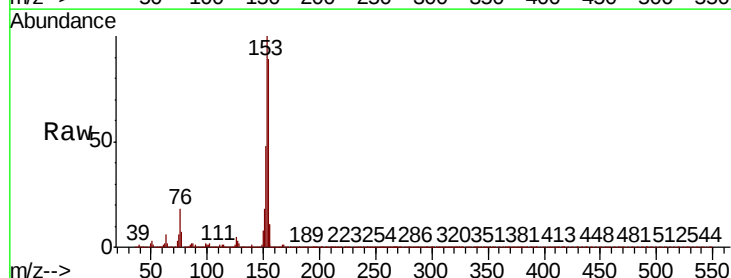
RT: 9.86 min Scan# 1322

Delta R.T. -0.01 min

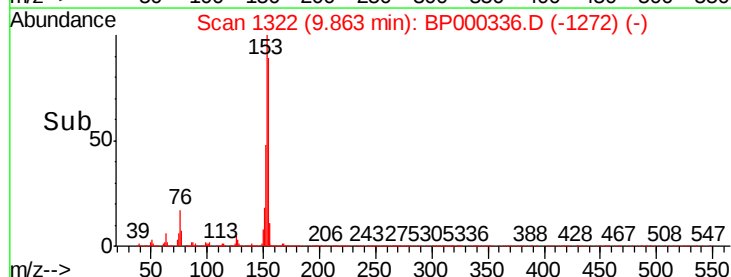
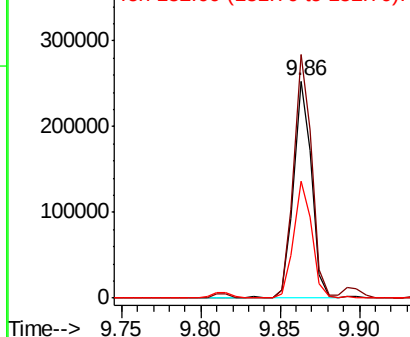
Lab File: BP000336.D

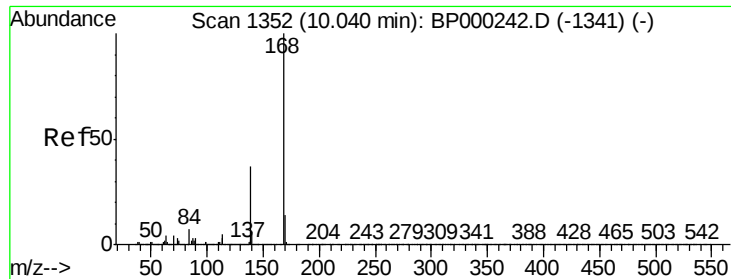
Acq: 19 Sep 2019 17:40

Tgt Ion:	154	Resp:	198379
Ion Ratio	Lower	Upper	
154	100		
153	112.2	89.8	134.6
152	53.9	43.4	65.0



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E





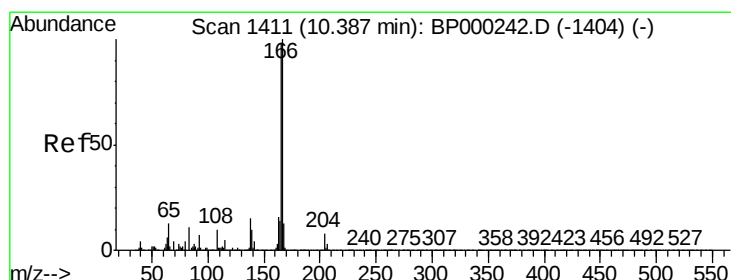
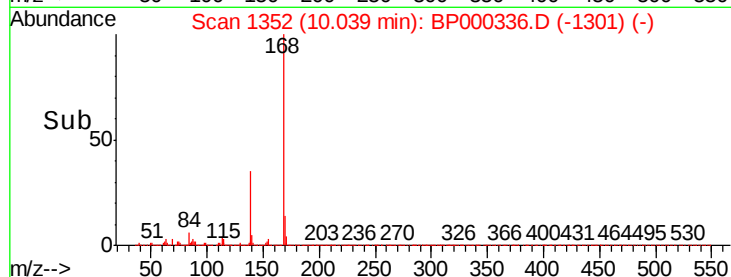
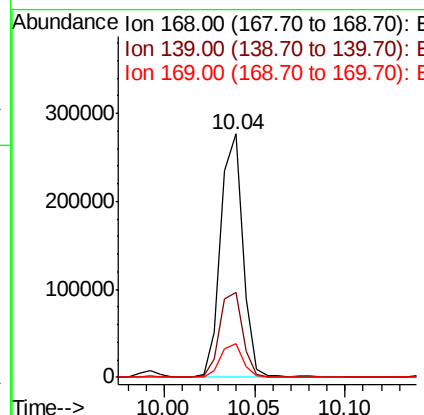
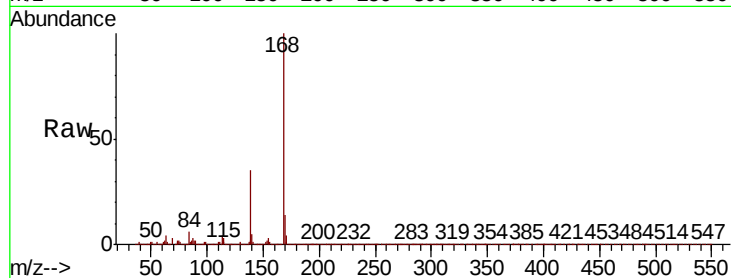
#55
Dibenzenofuran
Concen: 7.100 ng
RT: 10.04 min Scan# 1352
Delta R.T. -0.00 min
Lab File: BP000336.D
Acq: 19 Sep 2019 17:40

Instrument :
BNA_P
ClientSampleId :
ROLL-OFF-COMP

Tot Ion	Ratio	Lower	Upper
168	100		
139	34.9	30.0	45.0
169	13.9	11.0	16.6

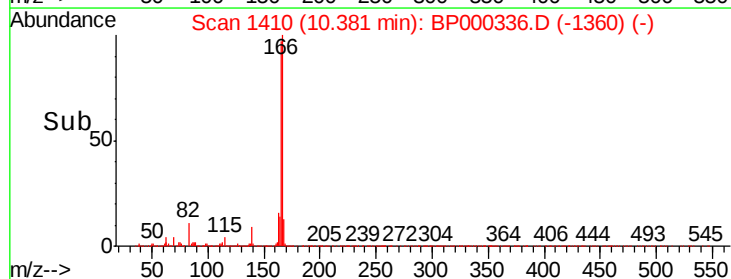
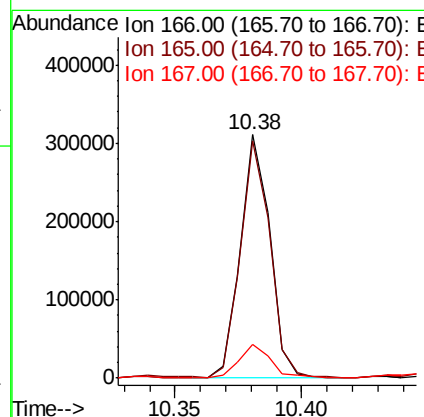
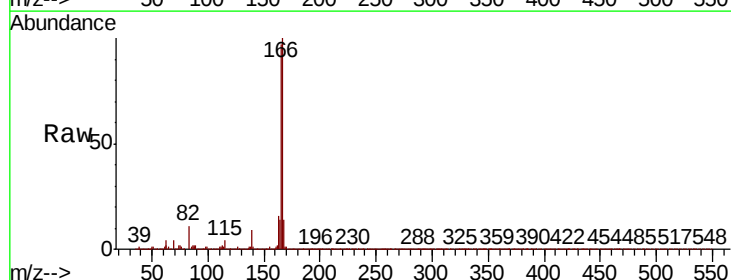
Manual Integrations
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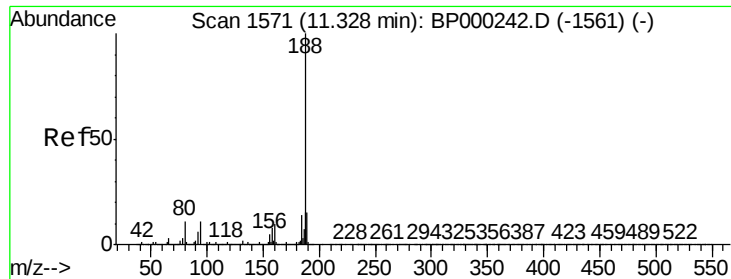
mohammad
9/20/2019 1:09:17 PM



#58
Fluorene
Concen: 9.676 ng
RT: 10.38 min Scan# 1410
Delta R.T. -0.01 min
Lab File: BP000336.D
Acq: 19 Sep 2019 17:40

Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.2	78.2	117.2
167	13.7	10.7	16.1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.33 min Scan# 1571

Delta R.T. -0.00 min

Lab File: BP000336.D

Acq: 19 Sep 2019 17:40

Instrument :

BNA_P

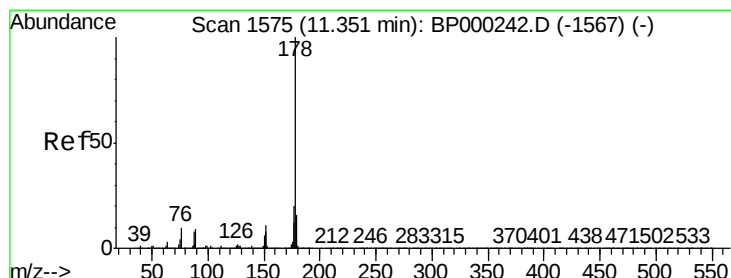
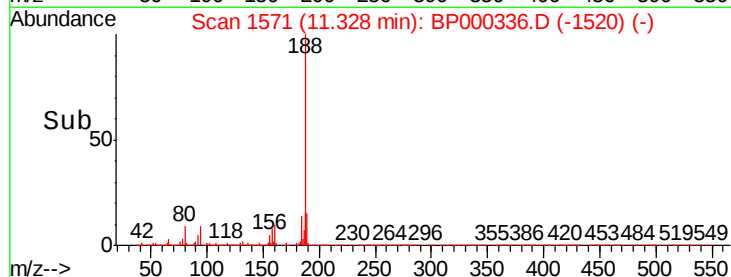
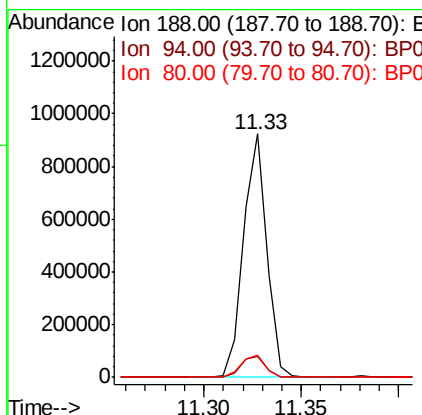
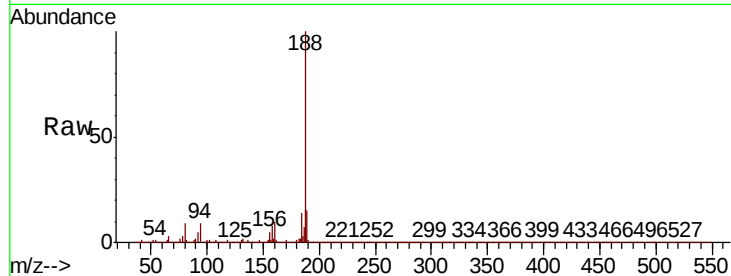
ClientSampleId :

ROLL-OFF-COMP

Tot Ion:	188	Resp:	760796
Ion Ratio	Lower	Upper	
188	100		
94	8.8	8.5	12.7
80	9.1	8.6	13.0

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#71

Phenanthrene

Concen: 17.166 ng

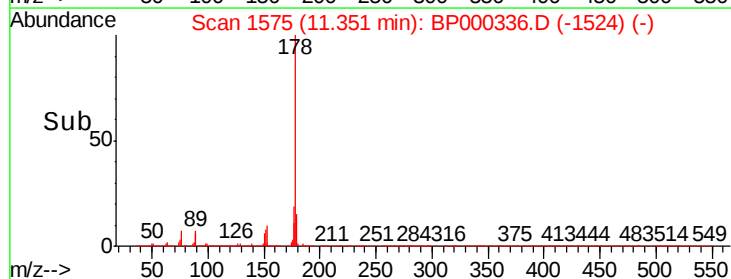
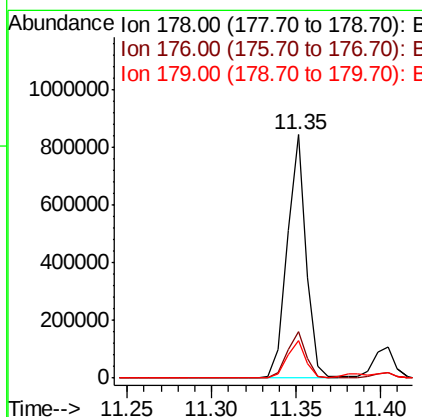
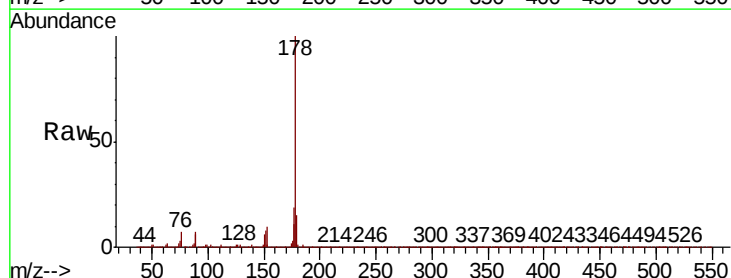
RT: 11.35 min Scan# 1575

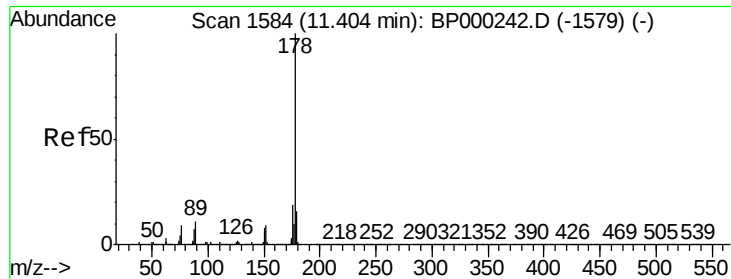
Delta R.T. -0.00 min

Lab File: BP000336.D

Acq: 19 Sep 2019 17:40

Tgt Ion:	178	Resp:	654473
Ion Ratio	Lower	Upper	
178	100		
176	19.2	15.8	23.8
179	15.2	12.7	19.1





#72

Anthracene

Concen: 2.394 ng

RT: 11.40 min Scan# 1584

Delta R.T. -0.00 min

Lab File: BP000336.D

Acq: 19 Sep 2019 17:40

Instrument :

BNA_P

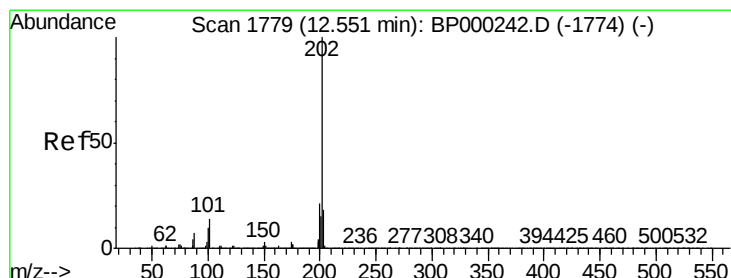
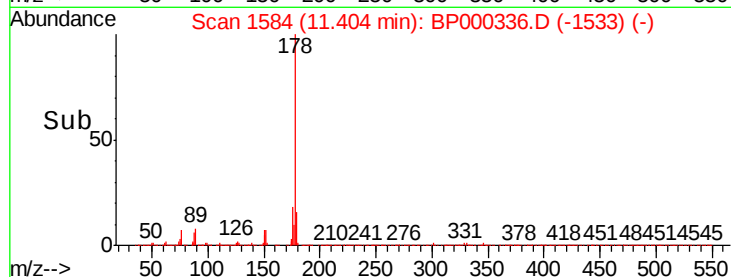
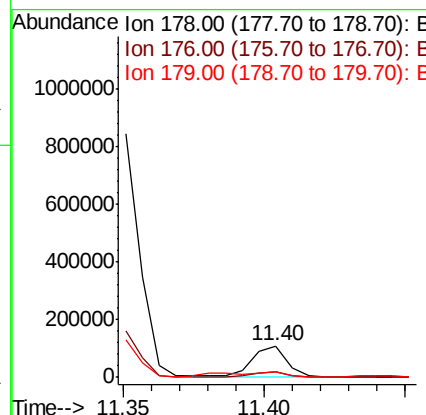
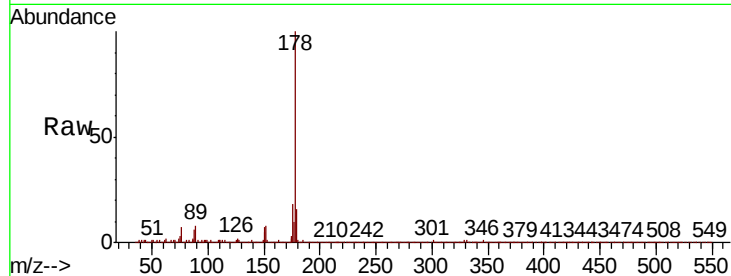
ClientSampleId :

ROLL-OFF-COMP

Tot Ion:178	Resp:	93942
Ion Ratio	Lower	Upper
178	100	
176	18.4	15.4 23.0
179	15.9	12.7 19.1

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#75

Fluoranthene

Concen: 12.140 ng

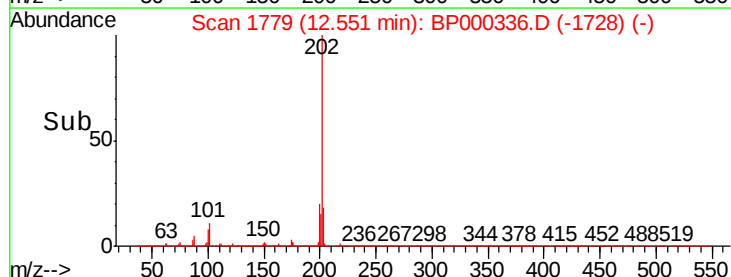
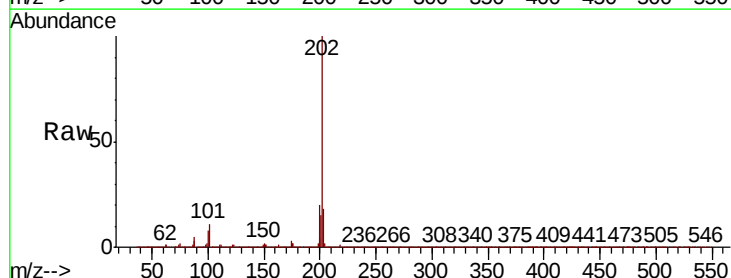
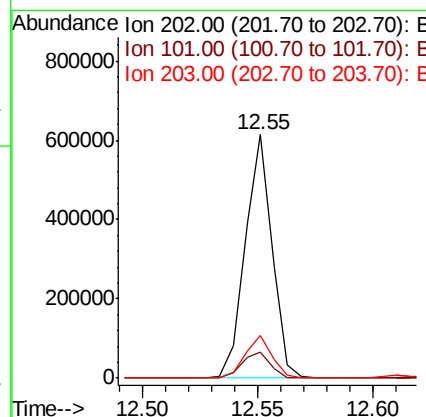
RT: 12.55 min Scan# 1779

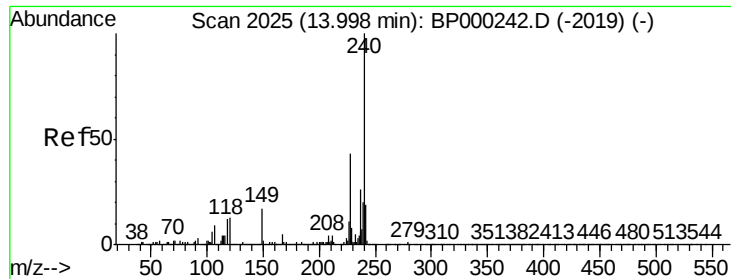
Delta R.T. -0.00 min

Lab File: BP000336.D

Acq: 19 Sep 2019 17:40

Tgt Ion:202	Resp:	497006
Ion Ratio	Lower	Upper
202	100	
101	10.6	0.0 33.9
203	17.7	0.0 38.0





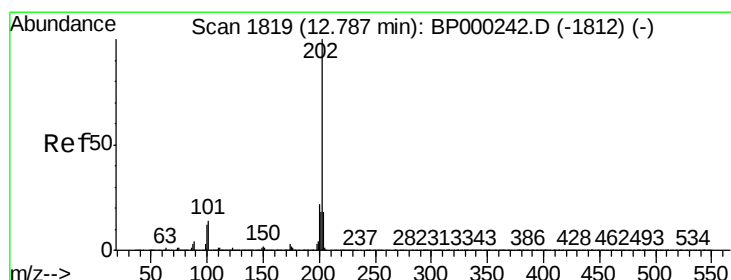
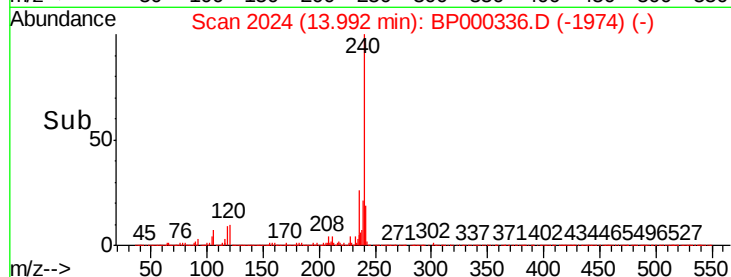
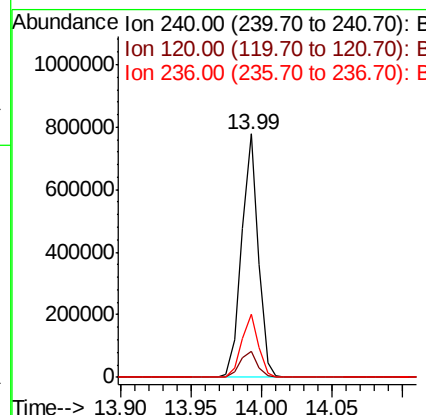
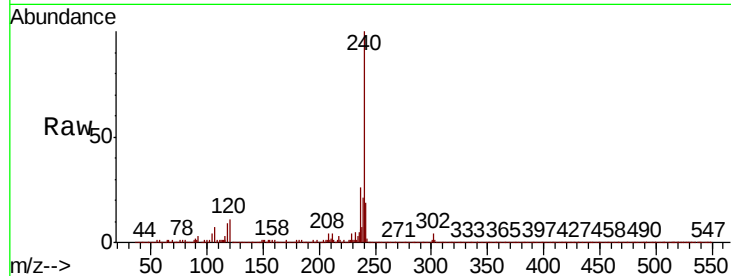
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.99 min Scan# 2024
Delta R.T. -0.01 min
Lab File: BP000336.D
Acq: 19 Sep 2019 17:40

Instrument :
BNA_P
ClientSampleId :
ROLL-OFF-COMP

Tot Ion	Ratio	Lower	Upper
240	100		
120	10.5	10.4	15.6
236	26.0	21.0	31.6

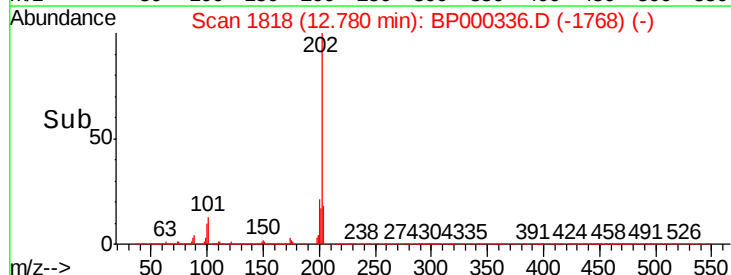
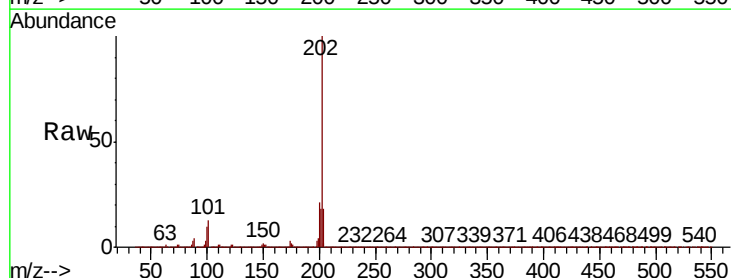
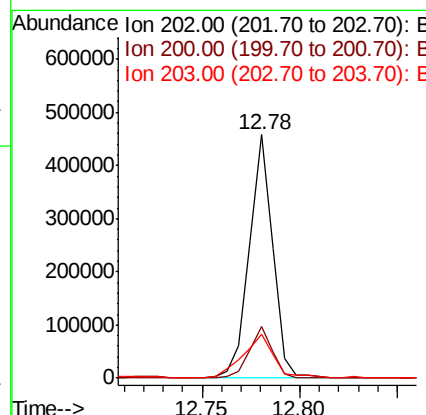
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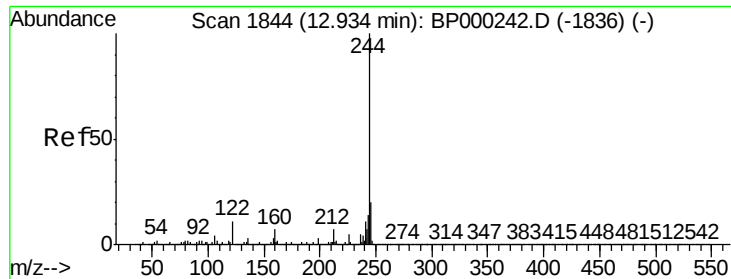
mohammad
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#78
Pyrene
Concen: 7.990 ng
RT: 12.78 min Scan# 1818
Delta R.T. -0.01 min
Lab File: BP000336.D
Acq: 19 Sep 2019 17:40

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.0	17.5	26.3
203	18.1	14.3	21.5





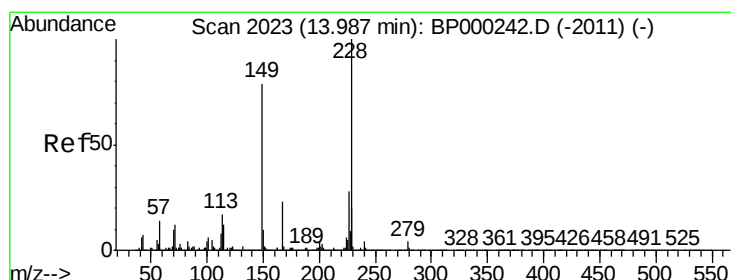
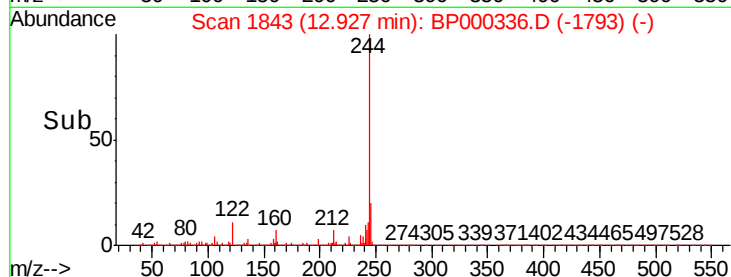
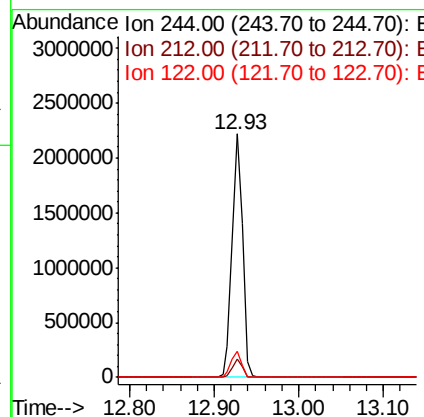
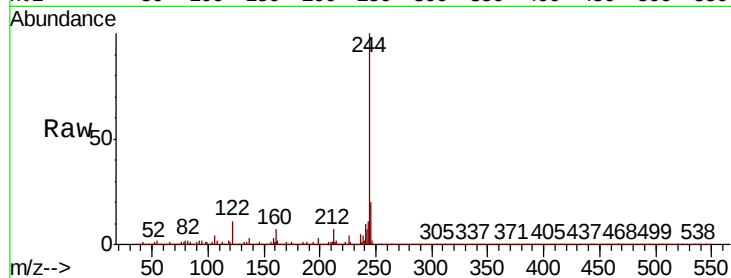
#79
 Terphenyl-d14
 Concen: 62.249 ng
 RT: 12.93 min Scan# 1843
 Delta R.T. -0.01 min
 Lab File: BP000336.D
 Acq: 19 Sep 2019 17:40

Instrument :
 BNA_P
 ClientSampleId :
 ROLL-OFF-COMP

Tot Ion:244 Resp: 1891933
 Ion Ratio Lower Upper
 244 100
 212 7.4 5.9 8.9
 122 10.6 9.0 13.4

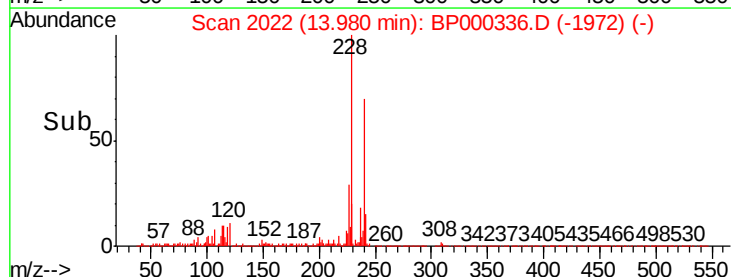
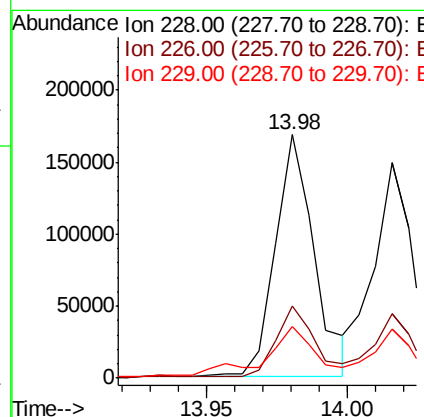
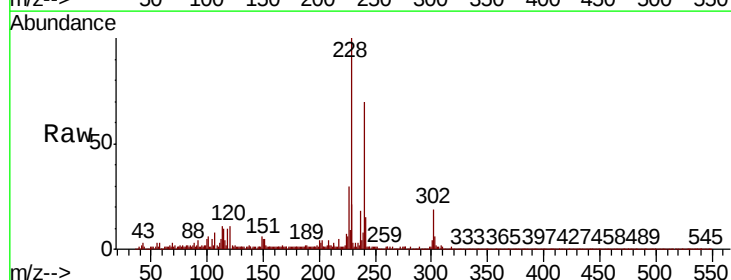
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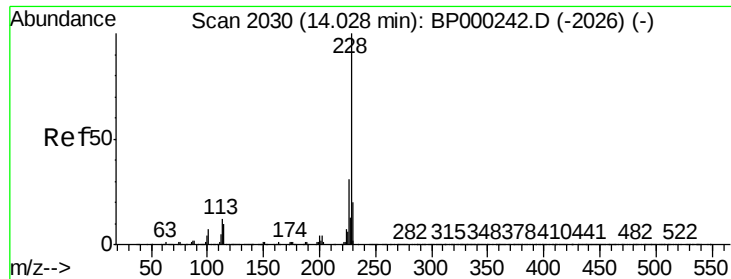
mohammad
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#81
 Benzo(a)anthracene
 Concen: 3.983 ng
 RT: 13.98 min Scan# 2022
 Delta R.T. -0.01 min
 Lab File: BP000336.D
 Acq: 19 Sep 2019 17:40

Tgt Ion:228 Resp: 160399
 Ion Ratio Lower Upper
 228 100
 226 29.8 22.2 33.4
 229 21.0 16.0 24.0





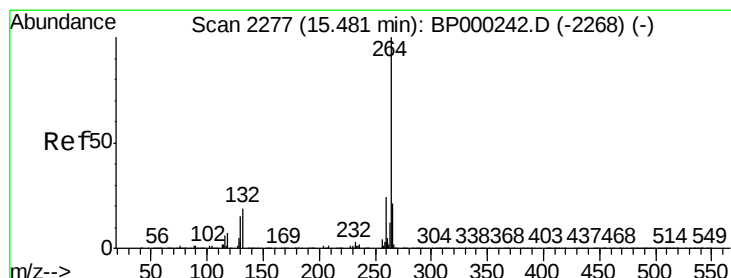
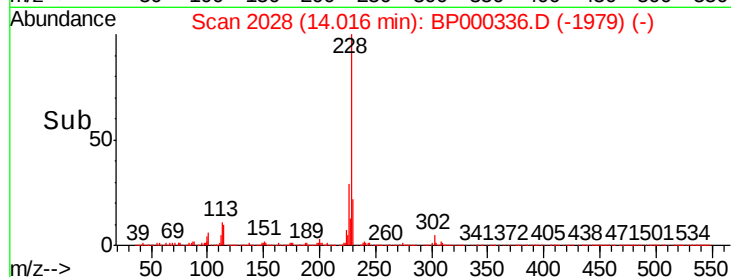
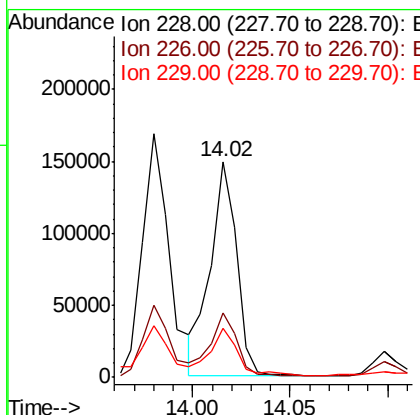
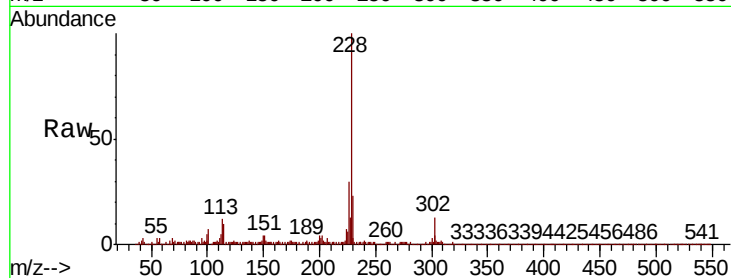
#83
Chrysene
Concen: 3.554 ng
RT: 14.02 min Scan# 2028
Delta R.T. -0.01 min
Lab File: BP000336.D
Acq: 19 Sep 2019 17:40

Instrument :
BNA_P
ClientSampleId :
ROLL-OFF-COMP

Tot Ion:	228	Resp:	140558
Ion Ratio	Lower	Upper	
228	100		
226	29.6	24.9	37.3
229	23.0	16.2	24.2

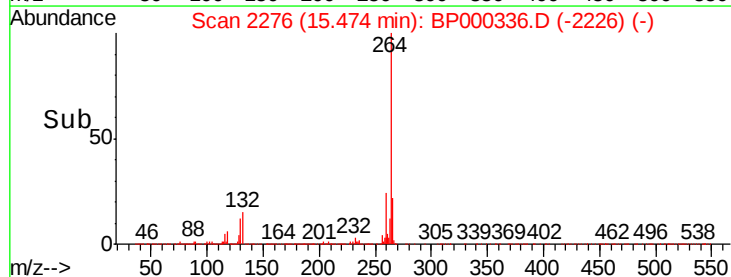
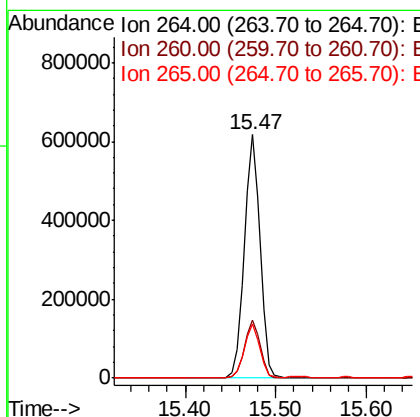
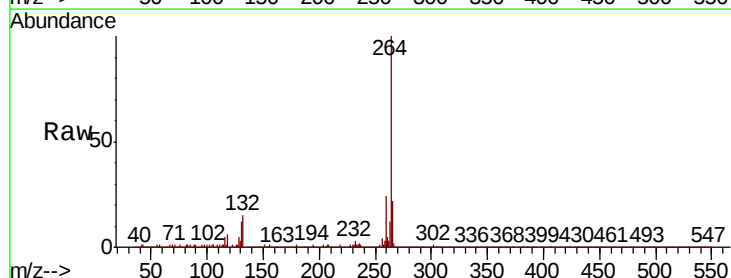
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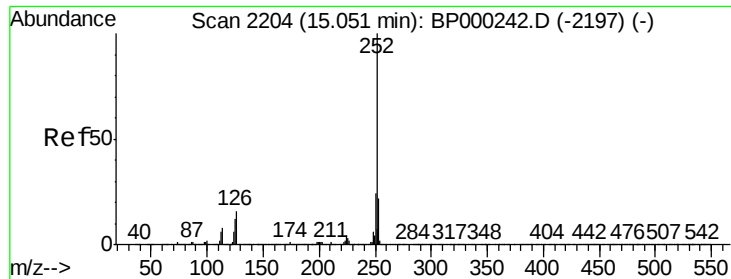
mohammad
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#87
Perylene-d12
Concen: 20.000 ng
RT: 15.47 min Scan# 2276
Delta R.T. -0.01 min
Lab File: BP000336.D
Acq: 19 Sep 2019 17:40

Tgt Ion:	264	Resp:	741713
Ion Ratio	Lower	Upper	
264	100		
260	23.9	18.9	28.3
265	22.0	17.2	25.8





#88

Benzo(b)fluoranthene

Concen: 4.329 ng m

RT: 15.04 min Scan# 2202

Delta R.T. -0.01 min

Lab File: BP000336.D

Acq: 19 Sep 2019 17:40

Instrument :

BNA_P

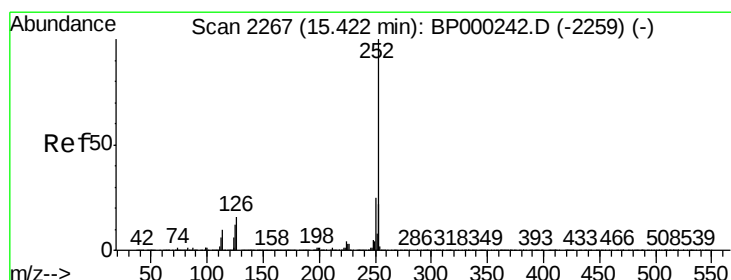
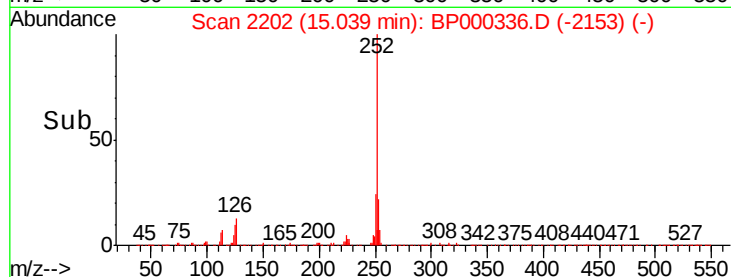
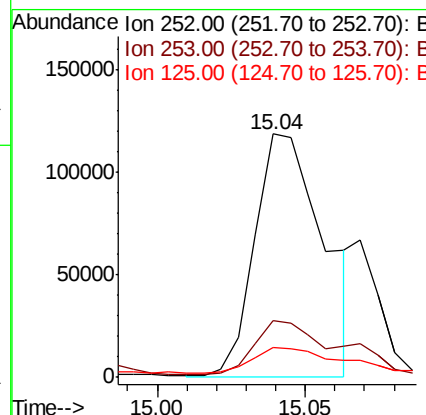
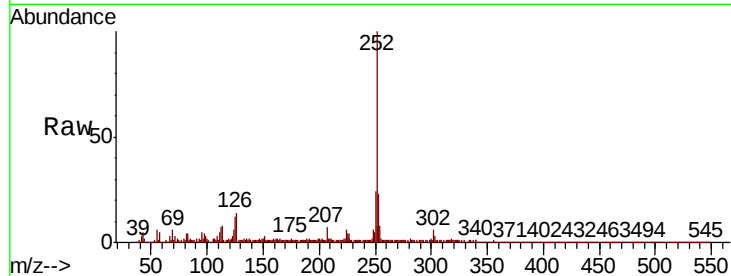
ClientSampleId :

ROLL-OFF-COMP

Tot Ion:	252	Resp:	191542
Ion Ratio	Lower	Upper	
252	100		
253	23.2	17.8	26.6
125	12.3	9.5	14.3

Manual Integrations
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#90

Benzo(a)pyrene

Concen: 2.804 ng

RT: 15.41 min Scan# 2265

Delta R.T. -0.01 min

Lab File: BP000336.D

Acq: 19 Sep 2019 17:40

Tgt Ion:	252	Resp:	112910
Ion Ratio	Lower	Upper	
252	100		
253	22.5	17.7	26.5
125	11.6	10.0	15.0

