

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP091919\
 Data File : BP000337.D
 Acq On : 19 Sep 2019 18:04
 Operator : HP/JU
 Sample : K4944-01
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DRUM-COMP

Manual Integrations
 APPROVED

mohammad
 9/20/2019 1:09:30 PM

Quant Time: Sep 20 05:31:42 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	220162	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	349599	20.00	ng	0.00
39) Acenaphthene-d10	9.86	164	277755	20.00	ng	0.02
64) Phenanthrene-d10	11.36	188	485110	20.00	ng	0.03
76) Chrysene-d12	14.00	240	581158	20.00	ng	0.00
87) Perylene-d12	15.48	264	792368	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.41	112	1068754	83.80	ng	0.00
7) Phenol-d6	6.43	99	1589075	101.65	ng	0.00
23) Nitrobenzene-d5	7.35	82	891404	164.51	ng	0.00
42) 2,4,6-Tribromophenol	10.65	330	137931	50.07	ng	0.02
45) 2-Fluorobiphenyl	9.17	172	1404100	90.98	ng	0.02
79) Terphenyl-d14	12.95	244	1785993	64.47	ng	0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
37) 2-Methylnaphthalene	8.80	142	143266	12.944	ng	# 85
38) 1-Methylnaphthalene	8.90	142	330152	31.843	ng	# 92
50) Dimethylphthalate	9.56	163	216012	11.415	ng	# 82
52) Acenaphthene	9.89	154	75688	4.950	ng	# 77
55) Dibenzofuran	10.06	168	97340	4.504	ng	# 1
58) Fluorene	10.40	166	175787	10.530	ng	# 61
71) Phenanthrene	11.38	178	385630	15.863	ng	# 89
75) Fluoranthene	12.58	202	421694	16.154	ng	# 92
78) Pyrene	12.80	202	607288	13.967	ng	# 98
81) Benzo(a)anthracene	13.99	228	108651	2.960	ng	# 84
83) Chrysene	14.03	228	147340	4.088	ng	# 93
84) Bis(2-ethylhexyl)phthalate	13.99	149	2877735	119.990	ng	# 97
88) Benzo(b)fluoranthene	15.05	252	130882m	2.769	ng	

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

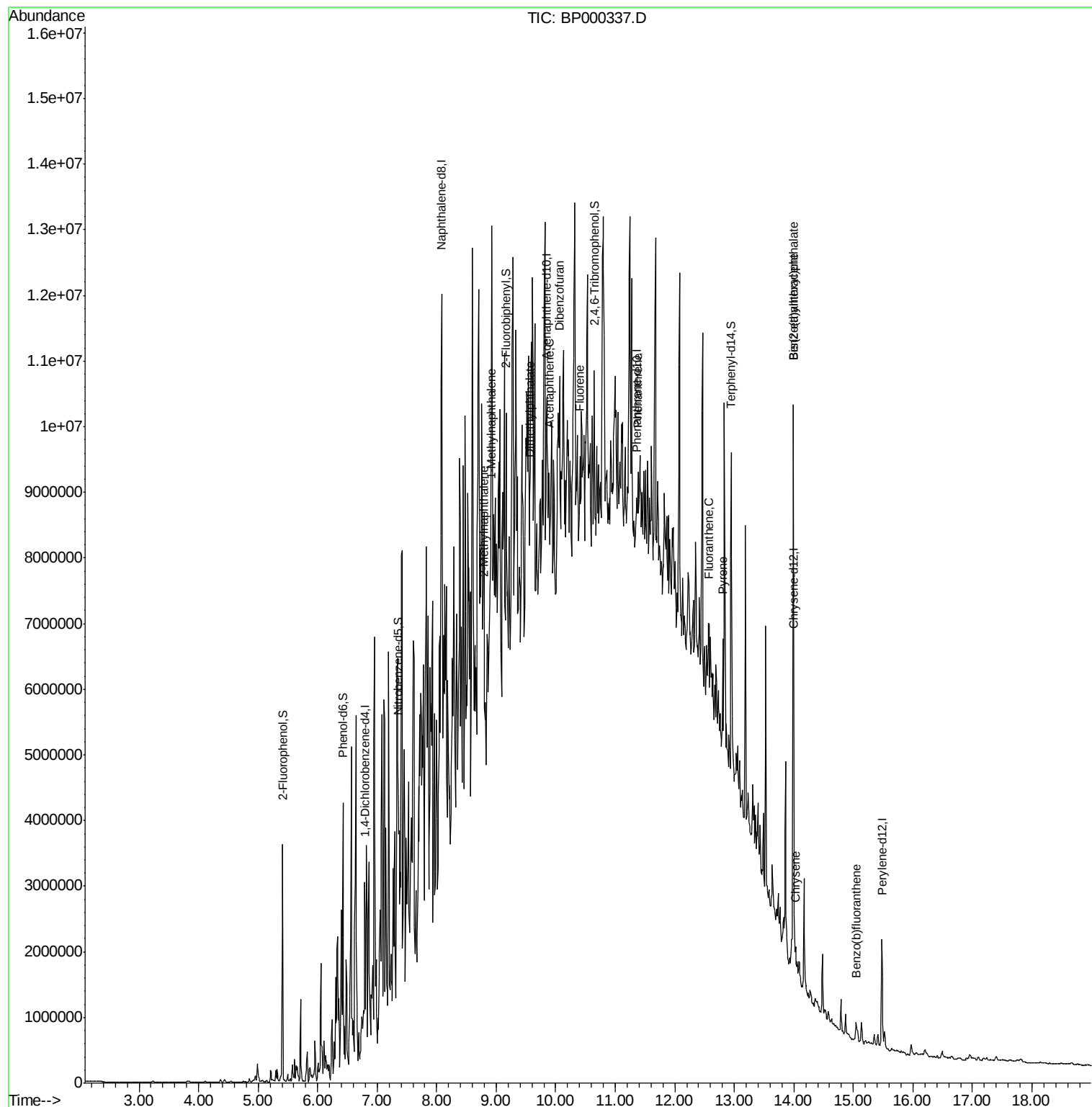
Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP091919\
Data File : BP000337.D
Acq On : 19 Sep 2019 18:04
Operator : HP/JU
Sample : K4944-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

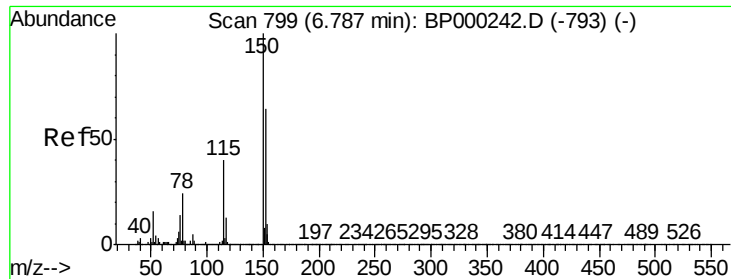
Instrument :
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP091619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

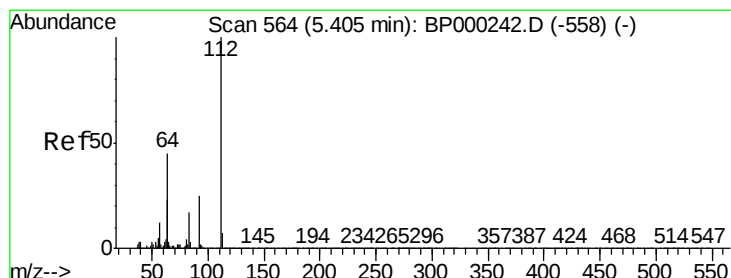
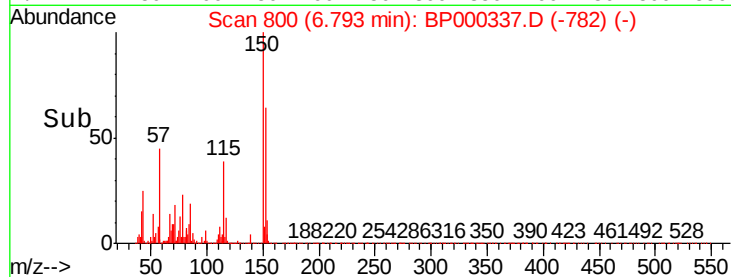
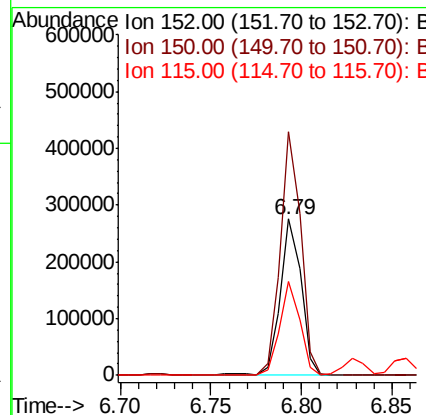
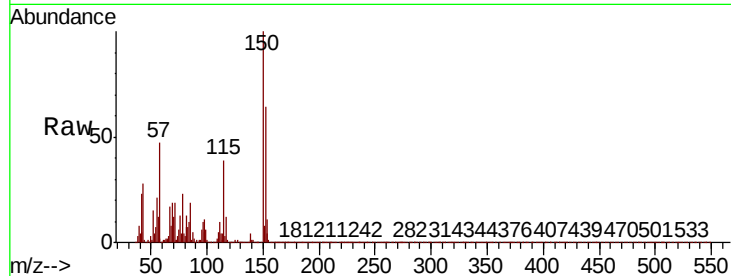
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. 0.01 min
Lab File: BP000337.D
Acq: 19 Sep 2019 18:04

Instrument :
BNA_P
ClientSampleId :
DRUM-COMP

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.6	125.2	187.8
115	60.3	49.7	74.5

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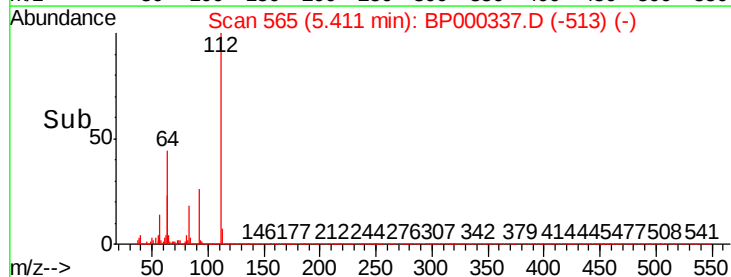
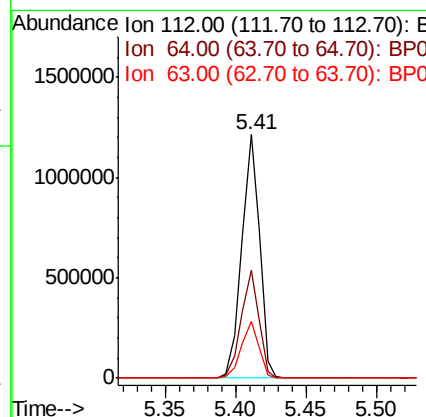
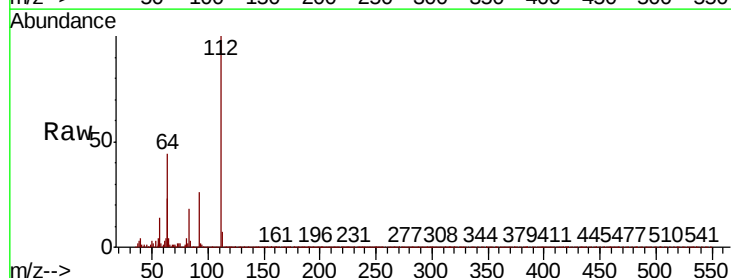
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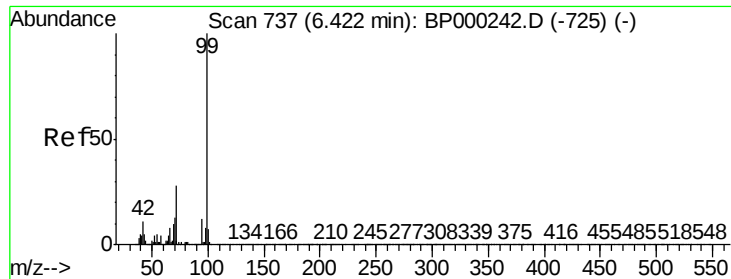


#5

2-Fluorophenol
Concen: 83.804 ng
RT: 5.41 min Scan# 565
Delta R.T. 0.01 min
Lab File: BP000337.D
Acq: 19 Sep 2019 18:04

Tgt Ion	Ratio	Lower	Upper
112	100		
64	44.2	36.2	54.4
63	23.3	18.3	27.5





#7

Phenol-d6

Concen: 101.652 ng

RT: 6.43 min Scan# 738

Delta R.T. 0.01 min

Lab File: BP000337.D

Acq: 19 Sep 2019 18:04

Instrument :

BNA_P

ClientSampleId :

DRUM-COMP

Tot Ion: 99 Resp: 1589075

Ion Ratio Lower Upper

99 100

42 11.3 8.5 12.7

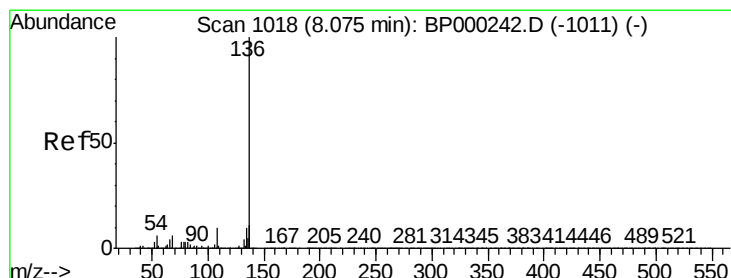
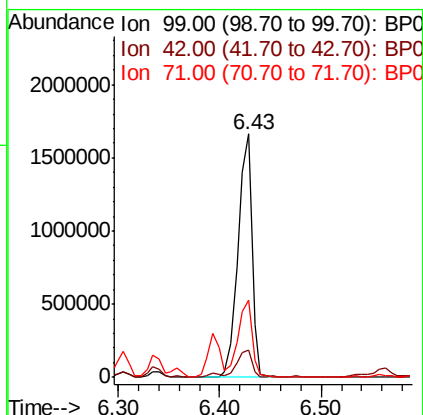
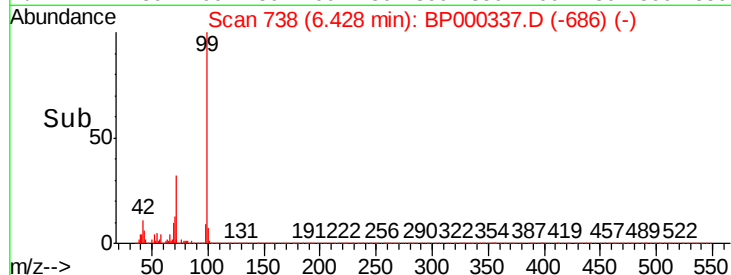
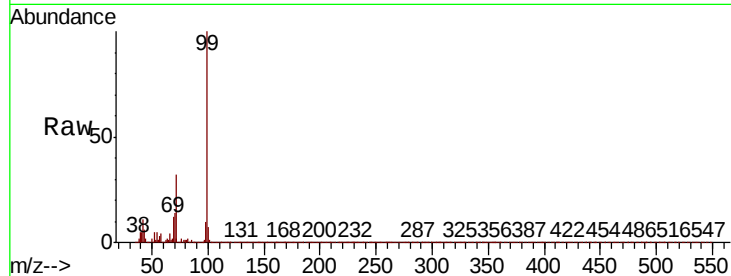
71 31.8 22.6 34.0

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#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.08 min Scan# 1019

Delta R.T. 0.01 min

Lab File: BP000337.D

Acq: 19 Sep 2019 18:04

Tgt Ion: 136 Resp: 349599

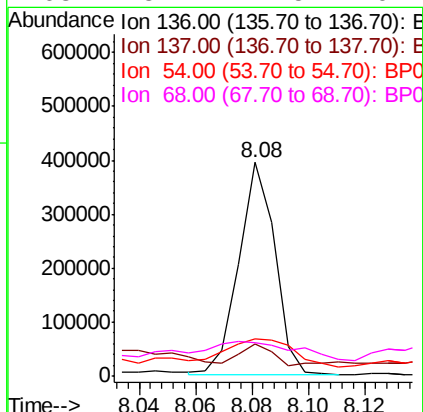
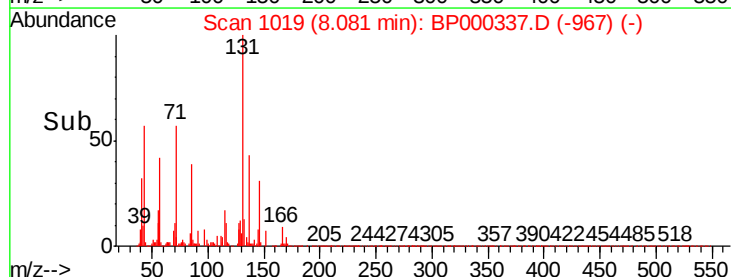
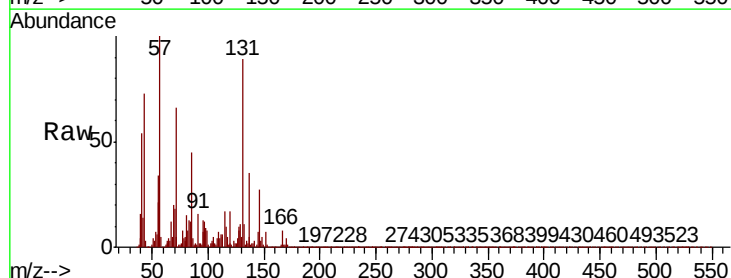
Ion Ratio Lower Upper

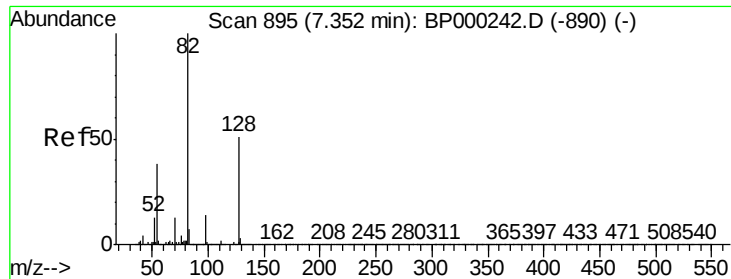
136 100

137 15.0 8.6 13.0#

54 17.2 4.5 6.7#

68 15.7 4.5 6.7#





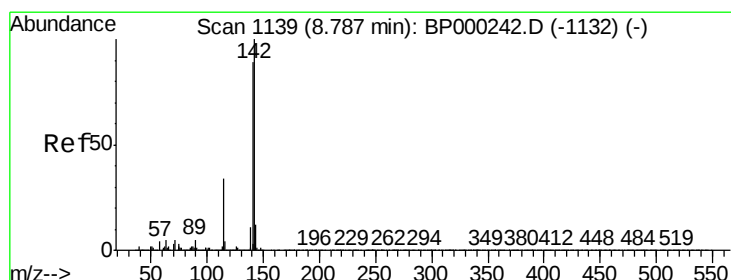
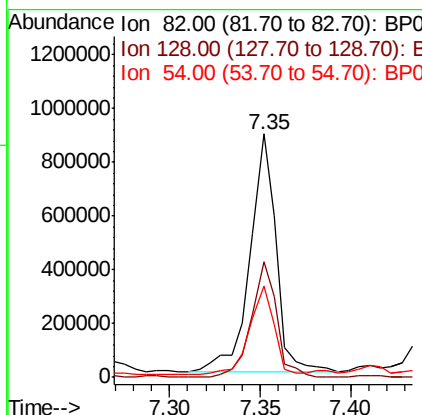
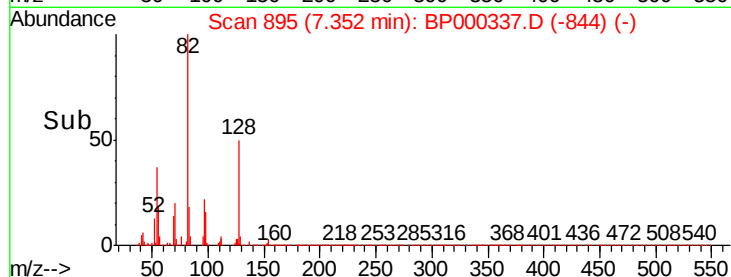
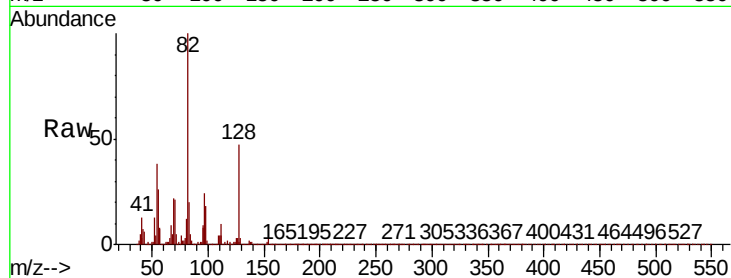
#23
 Nitrobenzene-d5
 Concen: 164.511 ng
 RT: 7.35 min Scan# 895
 Delta R.T. 0.00 min
 Lab File: BP000337.D
 Acq: 19 Sep 2019 18:04

Instrument :
 BNA_P
 ClientSampleId :
 DRUM-COMP

Tot Ion	Ratio	Lower	Upper
82	100		
128	47.3	40.7	61.1
54	37.7	30.1	45.1

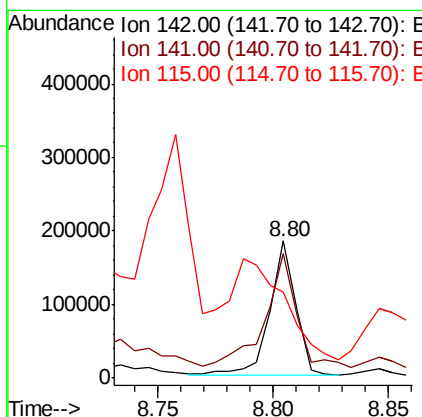
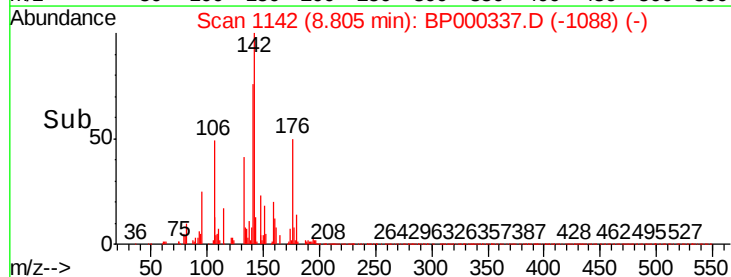
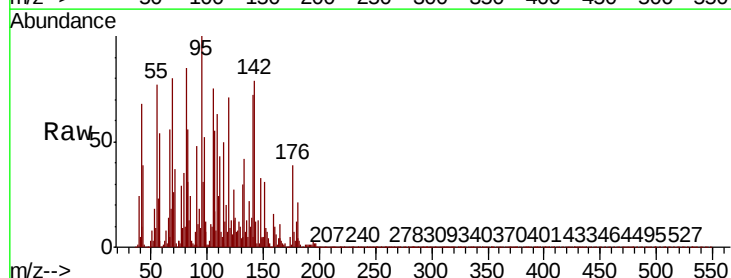
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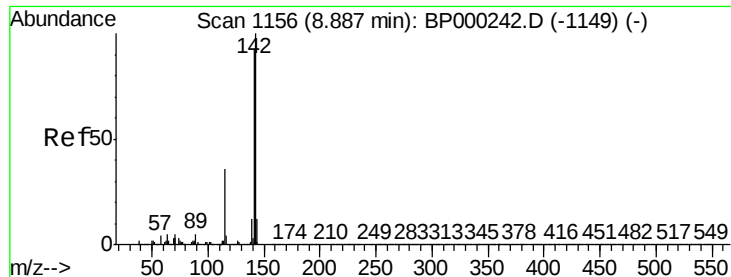
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#37
 2-Methylnaphthalene
 Concen: 12.944 ng
 RT: 8.80 min Scan# 1142
 Delta R.T. 0.02 min
 Lab File: BP000337.D
 Acq: 19 Sep 2019 18:04

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.9	71.3	106.9
115	63.1	27.2	40.8#





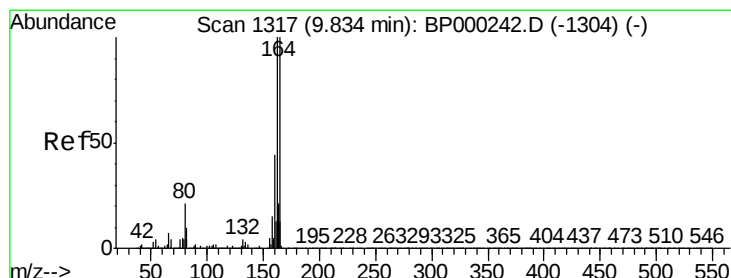
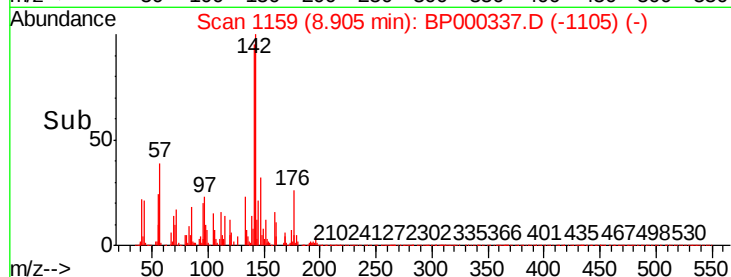
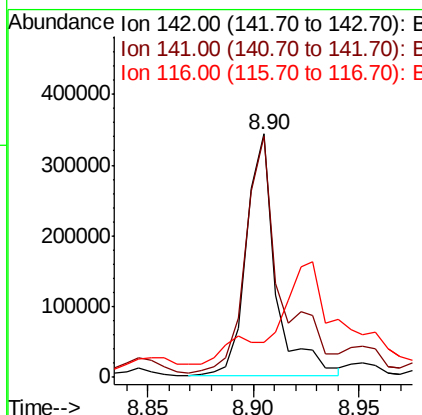
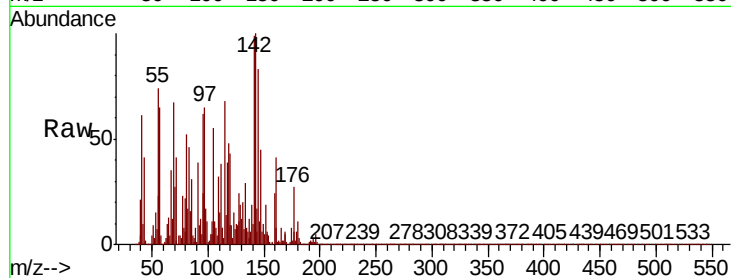
#38
1-Methylnaphthalene
Concen: 31.843 ng
RT: 8.90 min Scan# 1159
Delta R.T. 0.02 min
Lab File: BP000337.D
Acq: 19 Sep 2019 18:04

Instrument :
BNA_P
ClientSampleId :
DRUM-COMP

Tot Ion	Ratio	Resp Lower	Upper
142	100		
141	98.8	73.9	110.9
116	14.4	3.0	4.6#

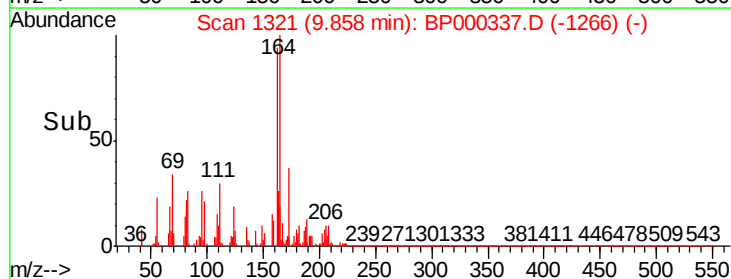
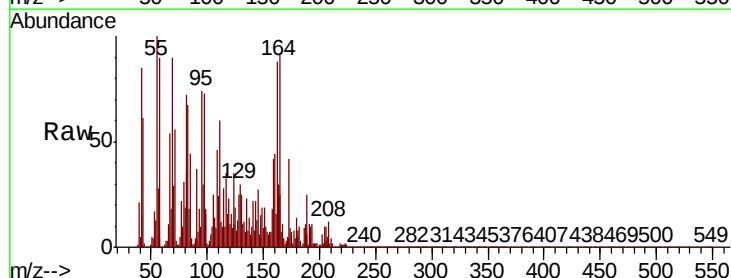
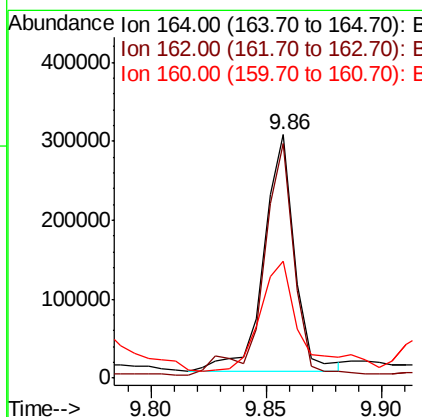
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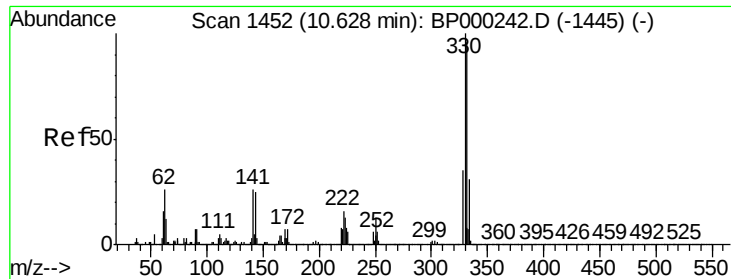
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.86 min Scan# 1321
Delta R.T. 0.02 min
Lab File: BP000337.D
Acq: 19 Sep 2019 18:04

Tgt Ion	Ratio	Resp Lower	Upper
164	100		
162	96.5	79.9	119.9
160	47.9	35.6	53.4





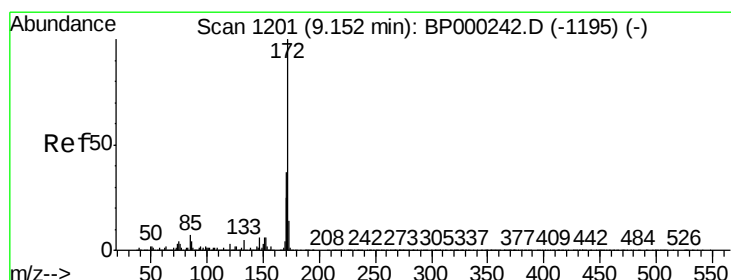
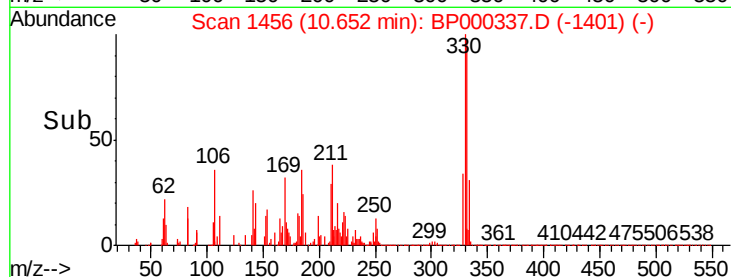
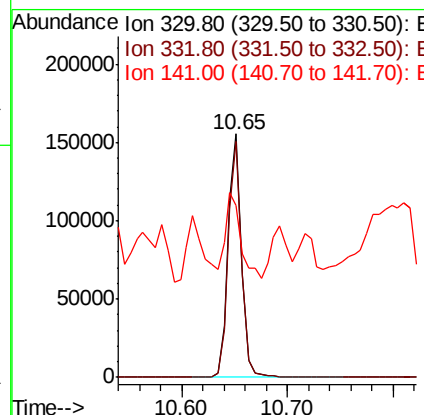
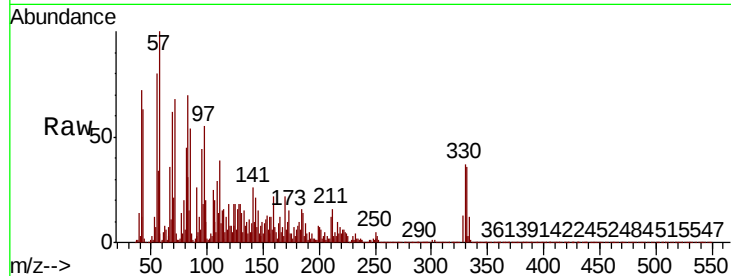
#42
2,4,6-Tribromophenol
Concen: 50.067 ng
RT: 10.65 min Scan# 1456
Delta R.T. 0.02 min
Lab File: BP000337.D
Acq: 19 Sep 2019 18:04

Instrument :
BNA_P
ClientSampleId :
DRUM-COMP

Tot Ion	Ratio	Resp	Lower	Upper
330	100	137931		
332	96.7	76.6	115.0	
141	40.5	26.5	39.7	

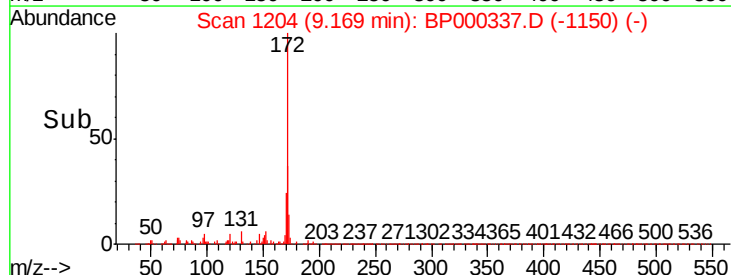
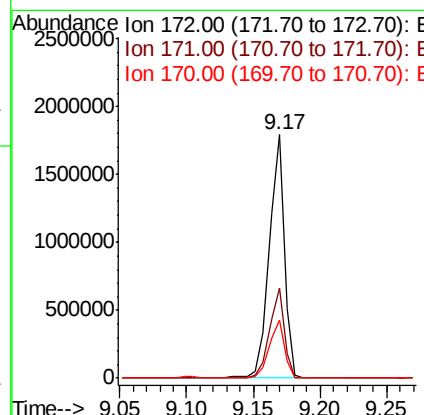
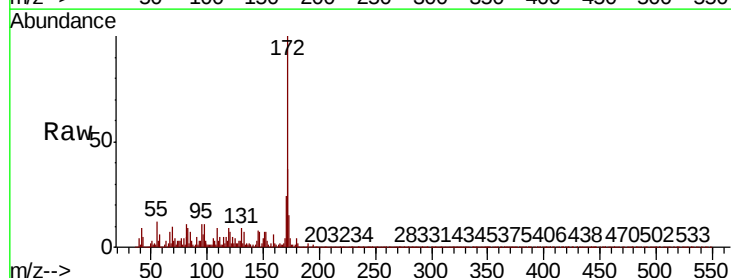
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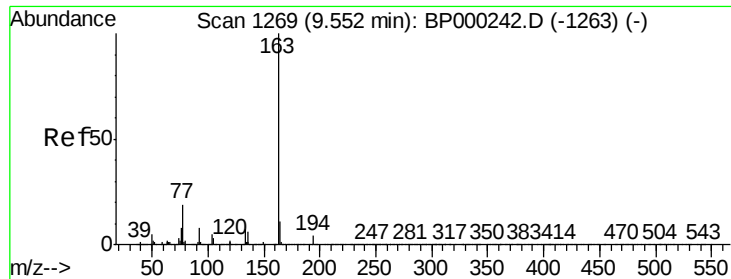
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#45
2-Fluorobiphenyl
Concen: 90.983 ng
RT: 9.17 min Scan# 1204
Delta R.T. 0.02 min
Lab File: BP000337.D
Acq: 19 Sep 2019 18:04

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1404100		
171	36.9	29.8	44.6	
170	23.9	19.8	29.6	





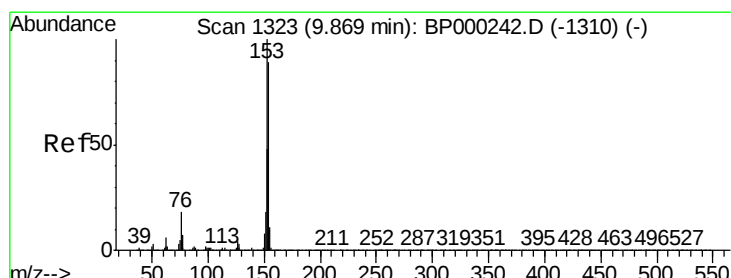
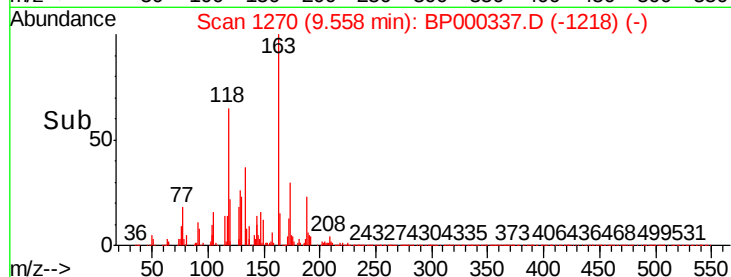
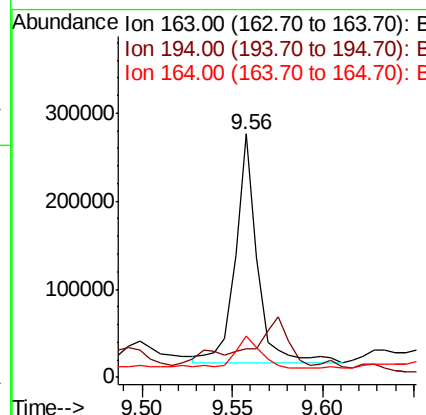
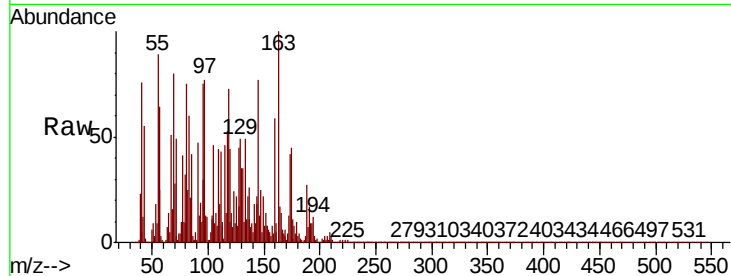
#50
Dimethylphthalate
Concen: 11.415 ng
RT: 9.56 min Scan# 1270
Delta R.T. 0.01 min
Lab File: BP000337.D
Acq: 19 Sep 2019 18:04

Instrument :
BNA_P
ClientSampleId :
DRUM-COMP

Tot Ion	Ratio	Resp Lower	Upper
163	100		
194	11.6	3.4	5.0#
164	16.8	8.5	12.7#

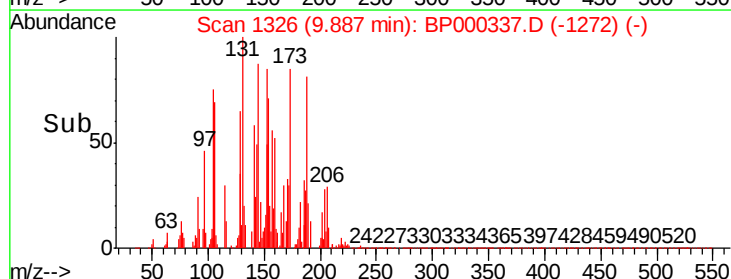
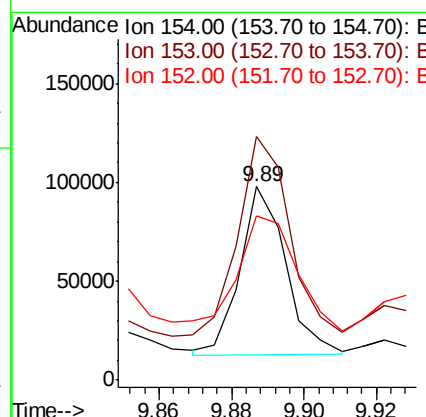
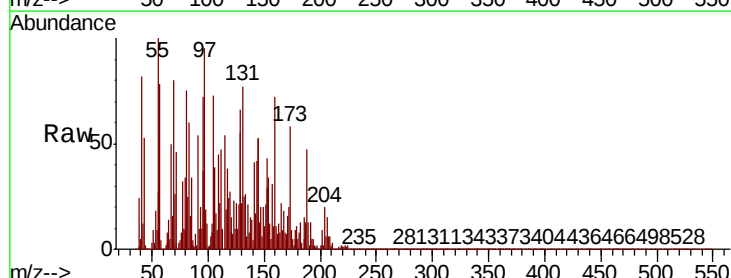
Manual Integrations
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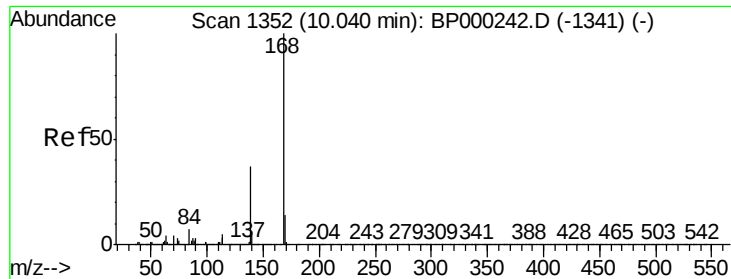
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#52
Acenaphthene
Concen: 4.950 ng
RT: 9.89 min Scan# 1326
Delta R.T. 0.02 min
Lab File: BP000337.D
Acq: 19 Sep 2019 18:04

Tgt Ion	Ratio	Resp Lower	Upper
154	100		
153	125.9	89.8	134.6
152	84.9	43.4	65.0#





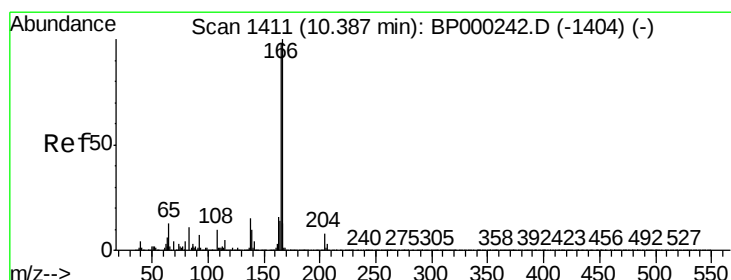
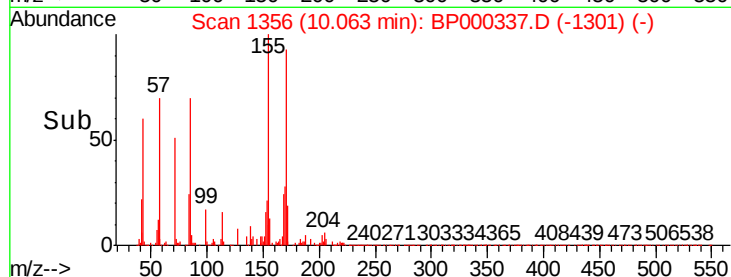
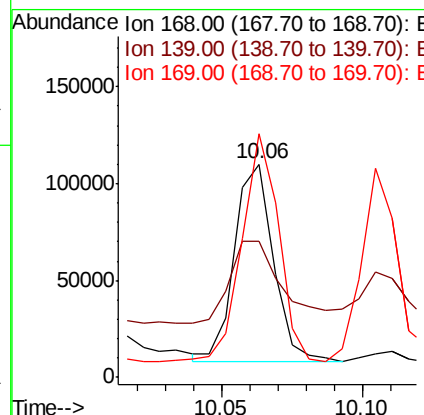
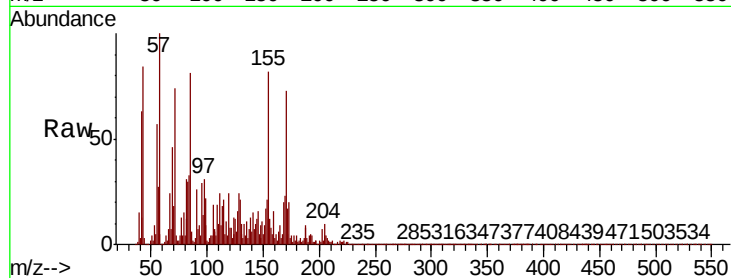
#55
Dibenzofuran
Concen: 4.504 ng
RT: 10.06 min Scan# 1356
Delta R.T. 0.02 min
Lab File: BP000337.D
Acq: 19 Sep 2019 18:04

Instrument :
BNA_P
ClientSampleId :
DRUM-COMP

Tot Ion	Ratio	Lower	Upper
168	100		
139	63.9	30.0	45.0#
169	114.1	11.0	16.6#

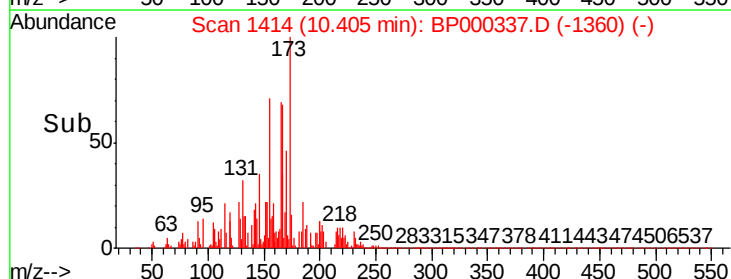
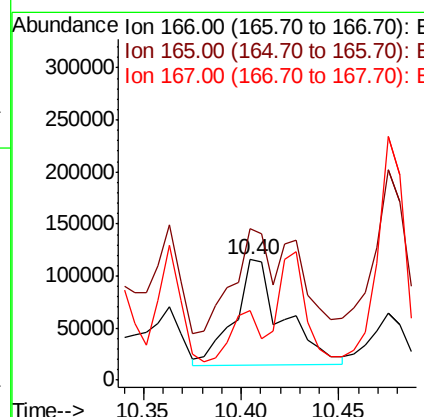
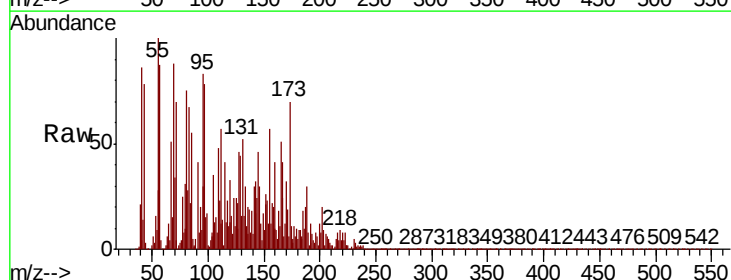
Manual Integrations
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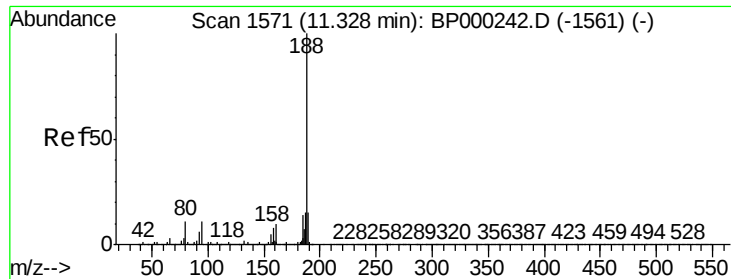
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#58
Fluorene
Concen: 10.530 ng
RT: 10.40 min Scan# 1414
Delta R.T. 0.02 min
Lab File: BP000337.D
Acq: 19 Sep 2019 18:04

Tgt Ion	Ratio	Lower	Upper
166	100		
165	126.2	78.2	117.2#
167	58.4	10.7	16.1#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.36 min Scan# 1576

Delta R.T. 0.03 min

Lab File: BP000337.D

Acq: 19 Sep 2019 18:04

Instrument :

BNA_P

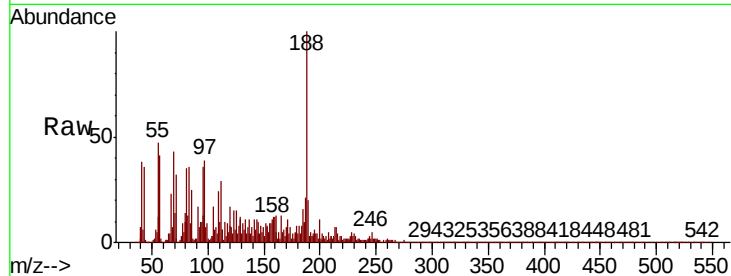
ClientSampleId :

DRUM-COMP

Tot Ion:	188	Resp:	485110
Ion Ratio	Lower	Upper	
188	100		
94	10.5	8.5	12.7
80	10.3	8.6	13.0

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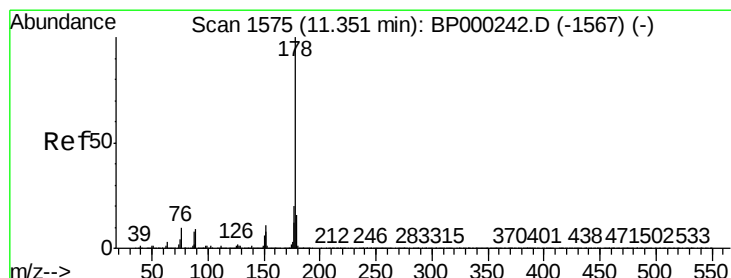
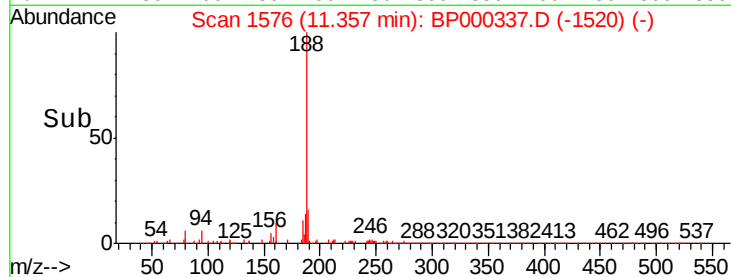
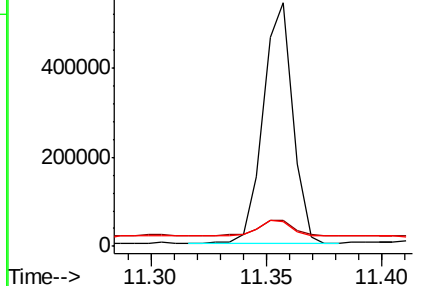
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Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BP0

Ion 80.00 (79.70 to 80.70): BP0



#71

Phenanthrene

Concen: 15.863 ng

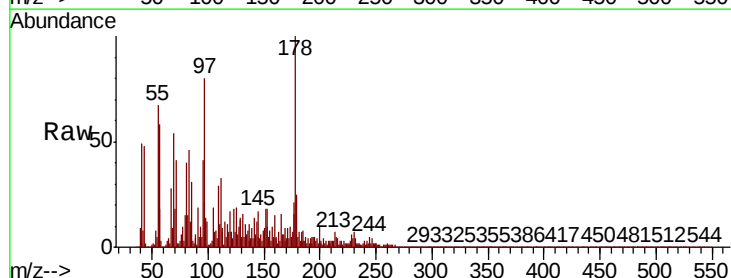
RT: 11.38 min Scan# 1580

Delta R.T. 0.03 min

Lab File: BP000337.D

Acq: 19 Sep 2019 18:04

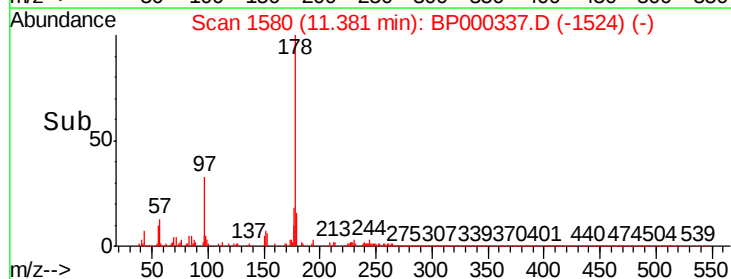
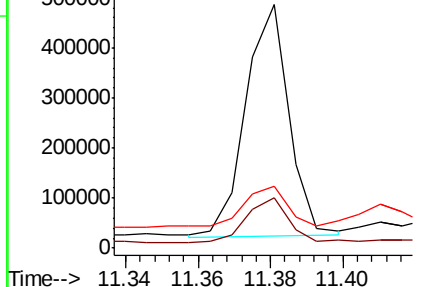
Tgt Ion:	178	Resp:	385630
Ion Ratio	Lower	Upper	
178	100		
176	20.6	15.8	23.8
179	25.3	12.7	19.1#

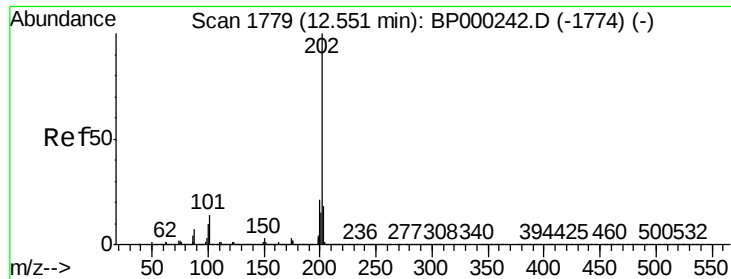


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#75

Fluoranthene

Concen: 16.154 ng

RT: 12.58 min Scan# 1783

Delta R.T. 0.02 min

Lab File: BP000337.D

Acq: 19 Sep 2019 18:04

Instrument :

BNA_P

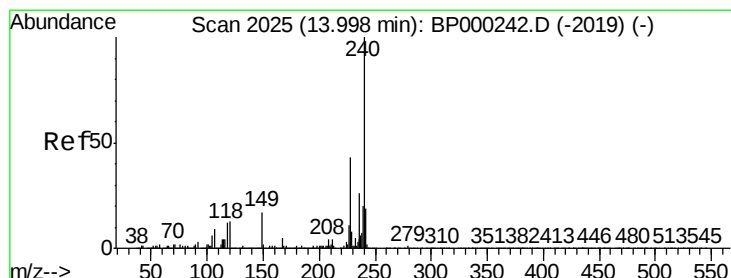
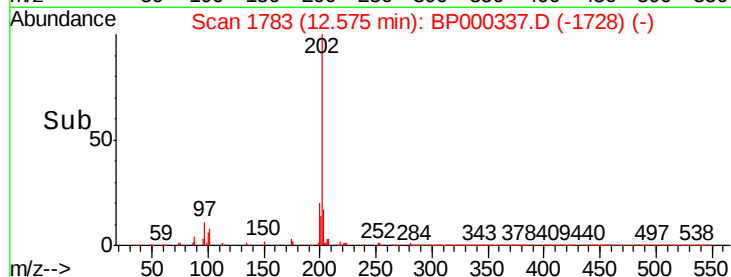
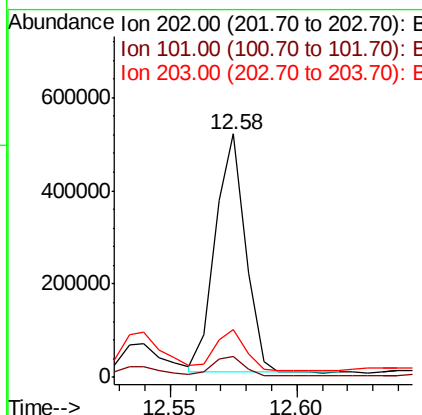
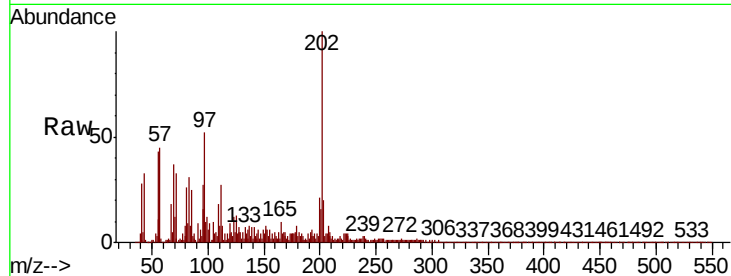
ClientSampleId :

DRUM-COMP

Tot Ion:	202	Resp:	421694
Ion Ratio	Lower	Upper	
202	100		
101	8.6	0.0	33.9
203	19.7	0.0	38.0

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#76

Chrysene-d12

Concen: 20.000 ng

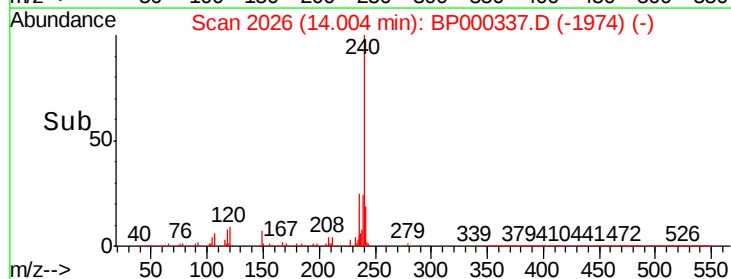
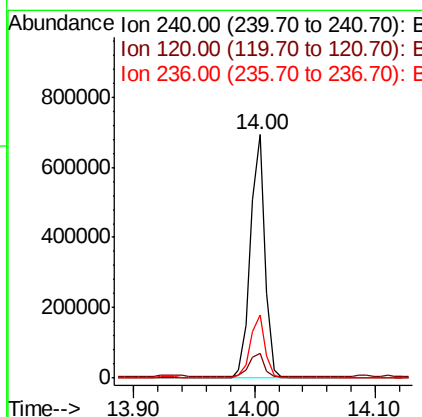
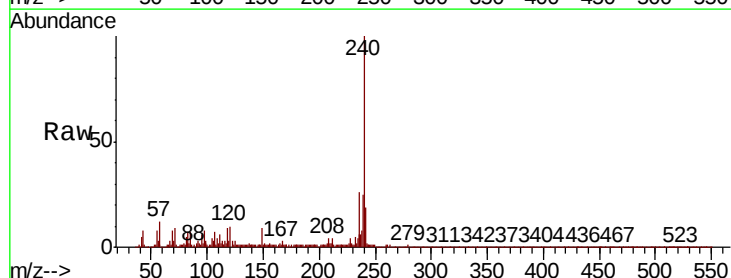
RT: 14.00 min Scan# 2026

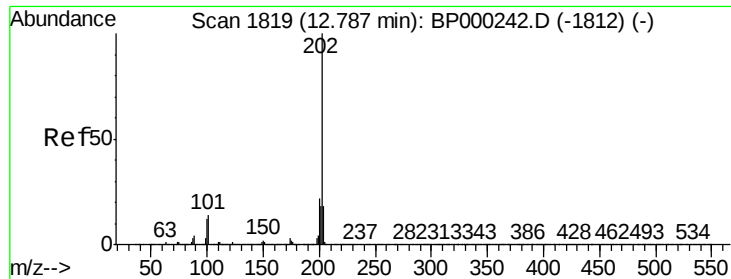
Delta R.T. 0.01 min

Lab File: BP000337.D

Acq: 19 Sep 2019 18:04

Tgt Ion:	240	Resp:	581158
Ion Ratio	Lower	Upper	
240	100		
120	9.9	10.4	15.6#
236	26.0	21.0	31.6





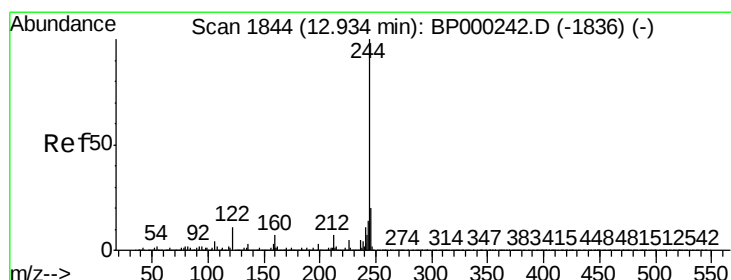
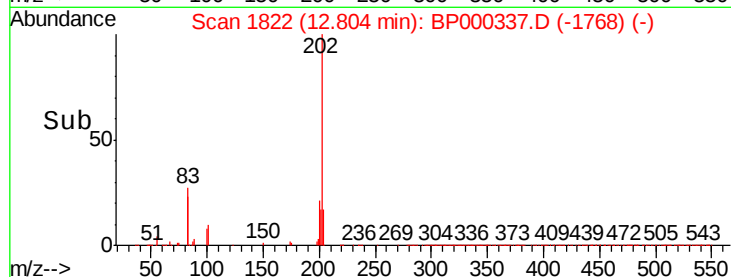
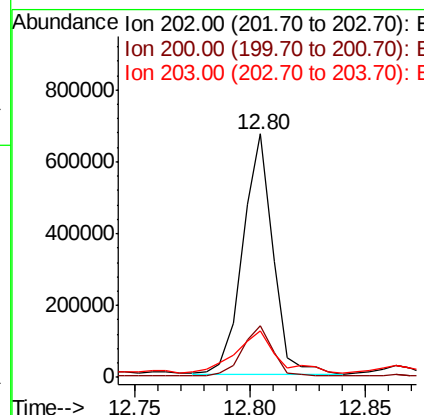
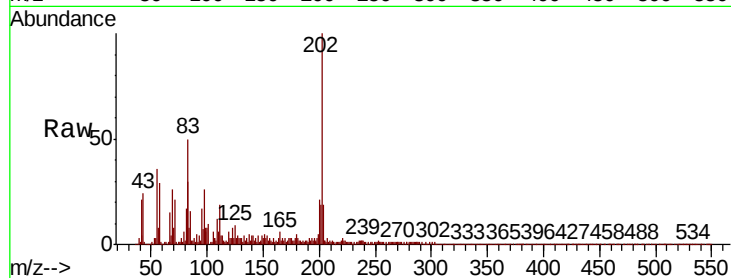
#78
Pvrene
Concen: 13.967 ng
RT: 12.80 min Scan# 1822
Delta R.T. 0.02 min
Lab File: BP000337.D
Acq: 19 Sep 2019 18:04

Instrument :
BNA_P
ClientSampleId :
DRUM-COMP

Tot Ion	Ratio	Resp	Lower	Upper
202	100	607288		
200	21.3		17.5	26.3
203	19.3		14.3	21.5

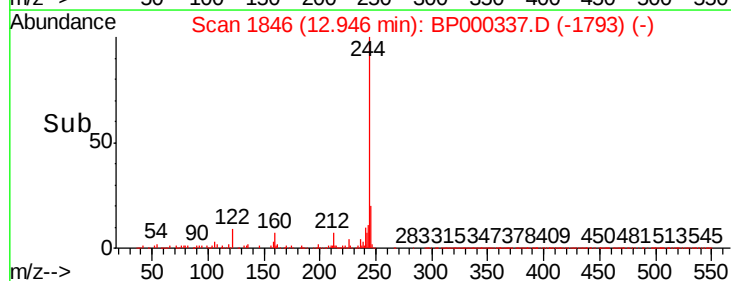
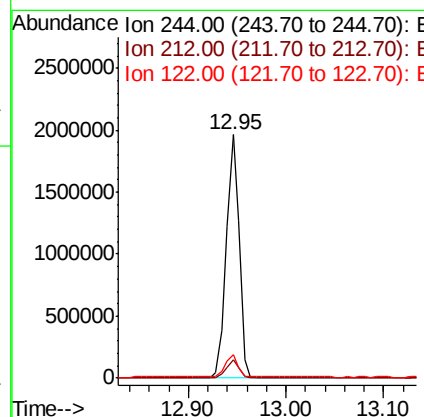
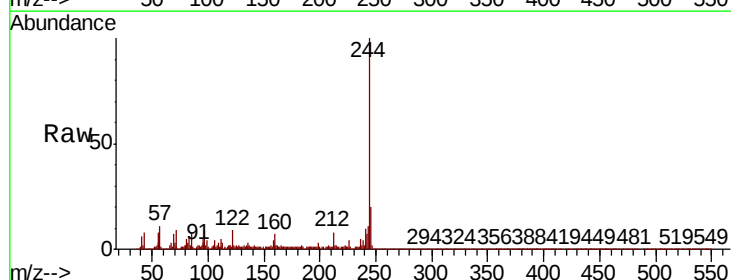
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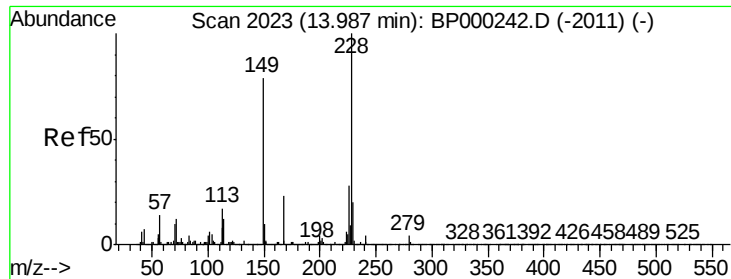
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#79
Terphenyl-d14
Concen: 64.470 ng
RT: 12.95 min Scan# 1846
Delta R.T. 0.01 min
Lab File: BP000337.D
Acq: 19 Sep 2019 18:04

Tgt Ion	Ratio	Resp	Lower	Upper
244	100	1785993		
212	7.5		5.9	8.9
122	9.4		9.0	13.4





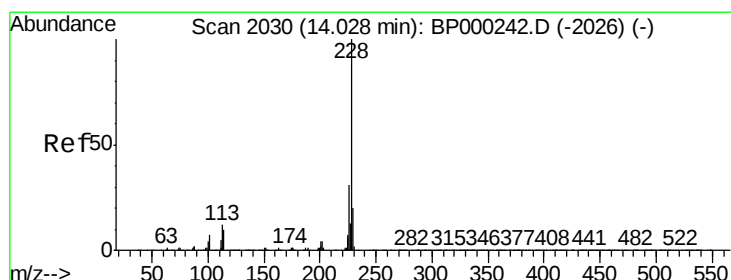
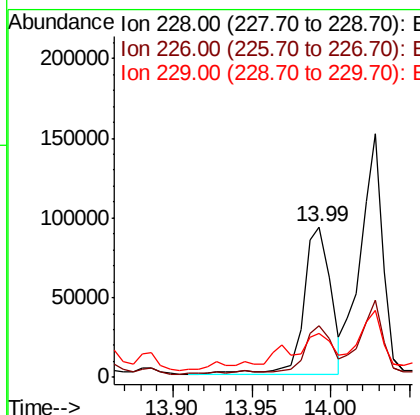
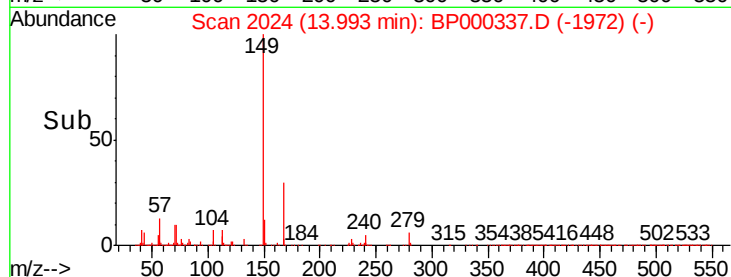
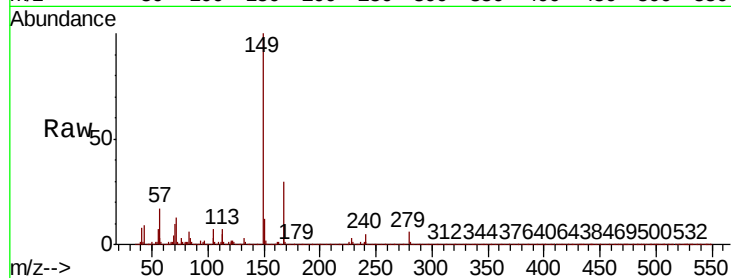
#81
Benzo(a)anthracene
Concen: 2.960 ng
RT: 13.99 min Scan# 2024
Delta R.T. 0.01 min
Lab File: BP000337.D
Acq: 19 Sep 2019 18:04

Instrument :
BNA_P
ClientSampleId :
DRUM-COMP

Tot Ion	Ratio	Lower	Upper
228	100		
226	34.7	22.2	33.4#
229	29.2	16.0	24.0#

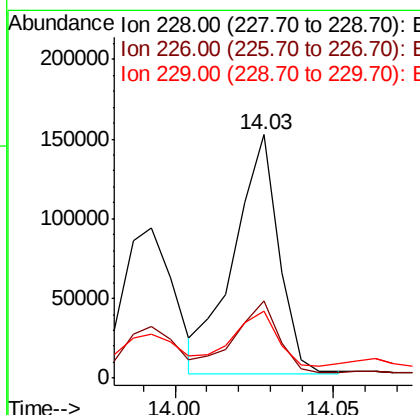
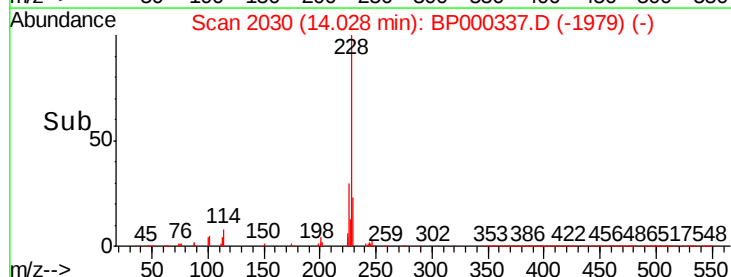
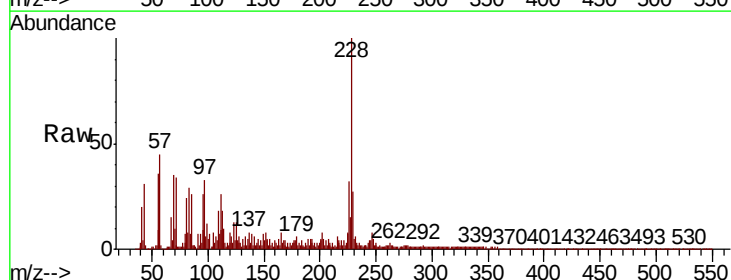
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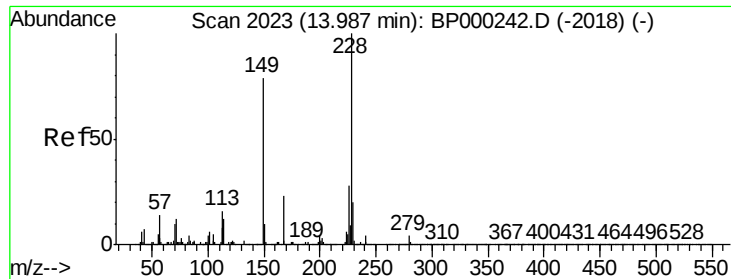
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#83
Chrysene
Concen: 4.088 ng
RT: 14.03 min Scan# 2030
Delta R.T. 0.00 min
Lab File: BP000337.D
Acq: 19 Sep 2019 18:04

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.8	24.9	37.3
229	27.4	16.2	24.2#





#84

Bis(2-ethylhexyl)phthalate

Concen: 119.990 ng

RT: 13.99 min Scan# 2024

Delta R.T. 0.01 min

Lab File: BP000337.D

Acq: 19 Sep 2019 18:04

Instrument :

BNA_P

ClientSampleId :

DRUM-COMP

Tot Ion:149 Resp: 2877735

Ion Ratio Lower Upper

149 100

167 30.3 23.0 34.4

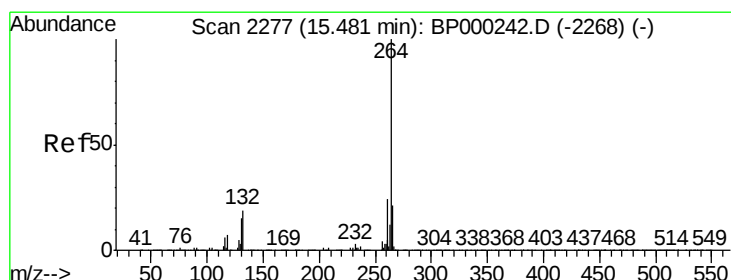
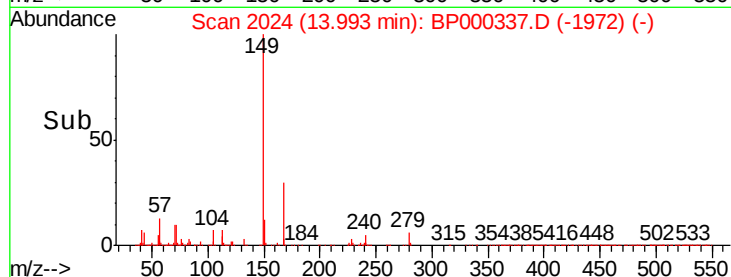
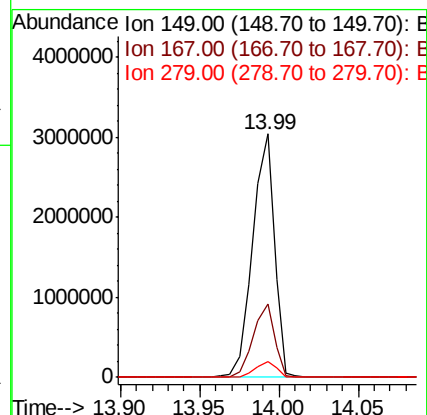
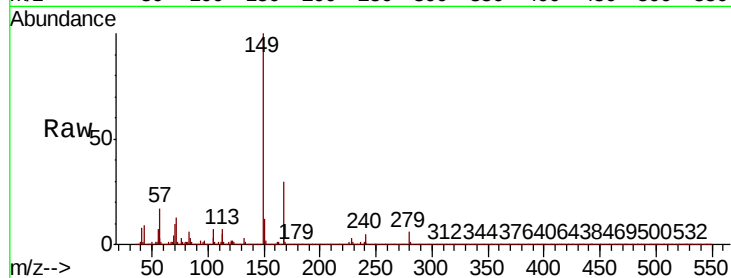
279 6.4 3.7 5.5#

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#87

Perylene-d12

Concen: 20.000 ng

RT: 15.48 min Scan# 2277

Delta R.T. 0.00 min

Lab File: BP000337.D

Acq: 19 Sep 2019 18:04

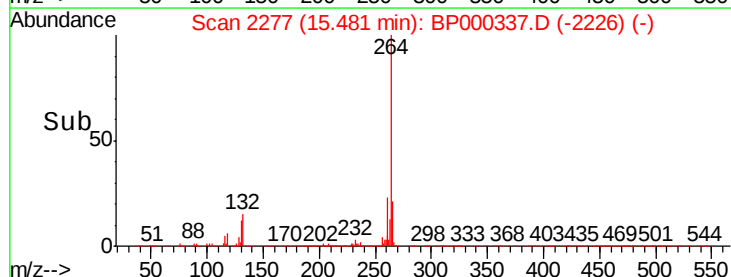
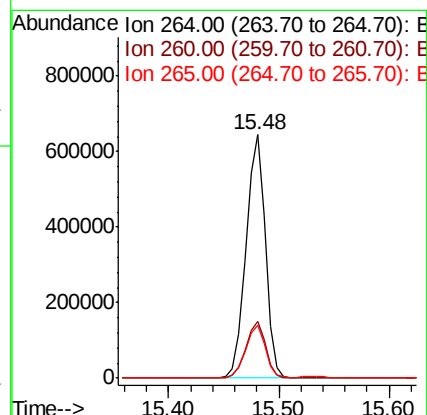
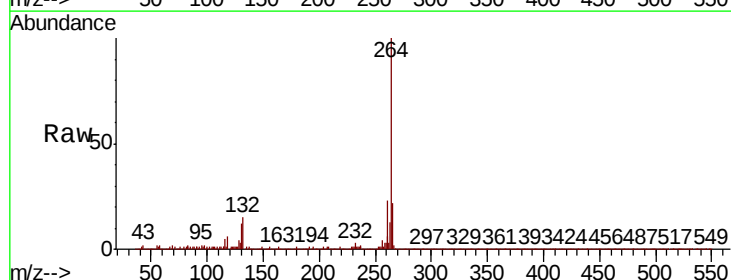
Tgt Ion:264 Resp: 792368

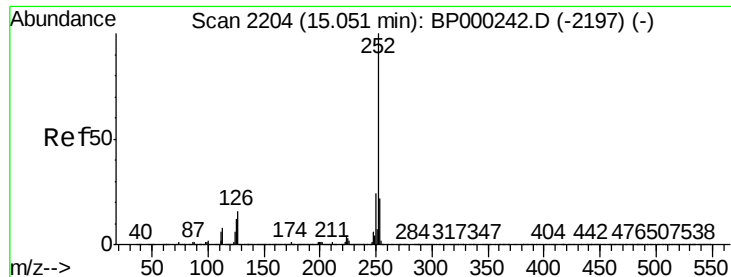
Ion Ratio Lower Upper

264 100

260 23.5 18.9 28.3

265 21.6 17.2 25.8





#88

Benzo(b)fluoranthene

Concen: 2.769 ng/mL

RT: 15.05 min Scan# 2203

Delta R.T. -0.01 min

Lab File: BP000337.D

Acq: 19 Sep 2019 18:04

Instrument :

BNA_P

ClientSampleId :

DRUM-COMP

Tot Ion:	252	Resp:	130882
Ion Ratio	Lower	Upper	
252	100		
253	23.8	17.8	26.6
125	15.7	9.5	14.3

Manual Integrations
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