

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP092319\
 Data File : BP000375.D
 Acq On : 23 Sep 2019 21:05
 Operator : HP/JU
 Sample : K4997-03
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 WC-09-091919

Manual Integrations
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Quant Time: Sep 24 04:58:26 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	194627	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	702704	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	385830	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	819910	20.00	ng	0.00
76) Chrysene-d12	13.99	240	531240	20.00	ng	0.00
87) Perylene-d12	15.47	264	633740	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.42	112	1139545	101.08	ng	0.02
7) Phenol-d6	6.43	99	1429615	103.45	ng	0.01
23) Nitrobenzene-d5	7.35	82	816505	74.97	ng	0.00
42) 2,4,6-Tribromophenol	10.63	330	490916	128.28	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	1849600	86.28	ng	0.00
79) Terphenyl-d14	12.93	244	2462899	97.26	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
49) Acenaphthylene	9.69	152	278848	8.285	ng	100
50) Dimethylphthalate	9.55	163	296347	11.273	ng	98
58) Fluorene	10.38	166	61482	2.651	ng	# 95
71) Phenanthrene	11.35	178	1120240	27.265	ng	99
72) Anthracene	11.40	178	290719	6.874	ng	99
75) Fluoranthene	12.55	202	1630200	36.950	ng	98
78) Pyrene	12.78	202	1840287	46.302	ng	99
81) Benzo(a)anthracene	13.98	228	645380m	19.232	ng	
83) Chrysene	14.02	228	701576	21.293	ng	97
86) Indeno(1,2,3-cd)pyrene	16.96	276	392070m	9.762	ng	
88) Benzo(b)fluoranthene	15.05	252	752477m	19.903	ng	
89) Benzo(k)fluoranthene	15.07	252	230942m	7.003	ng	
90) Benzo(a)pyrene	15.42	252	587103	17.067	ng	96
91) Dibenzo(a,h)anthracene	16.97	278	104207	3.249	ng	# 91
92) Benzo(a,h,i)perylene	17.41	276	404674	12.275	ng	95

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

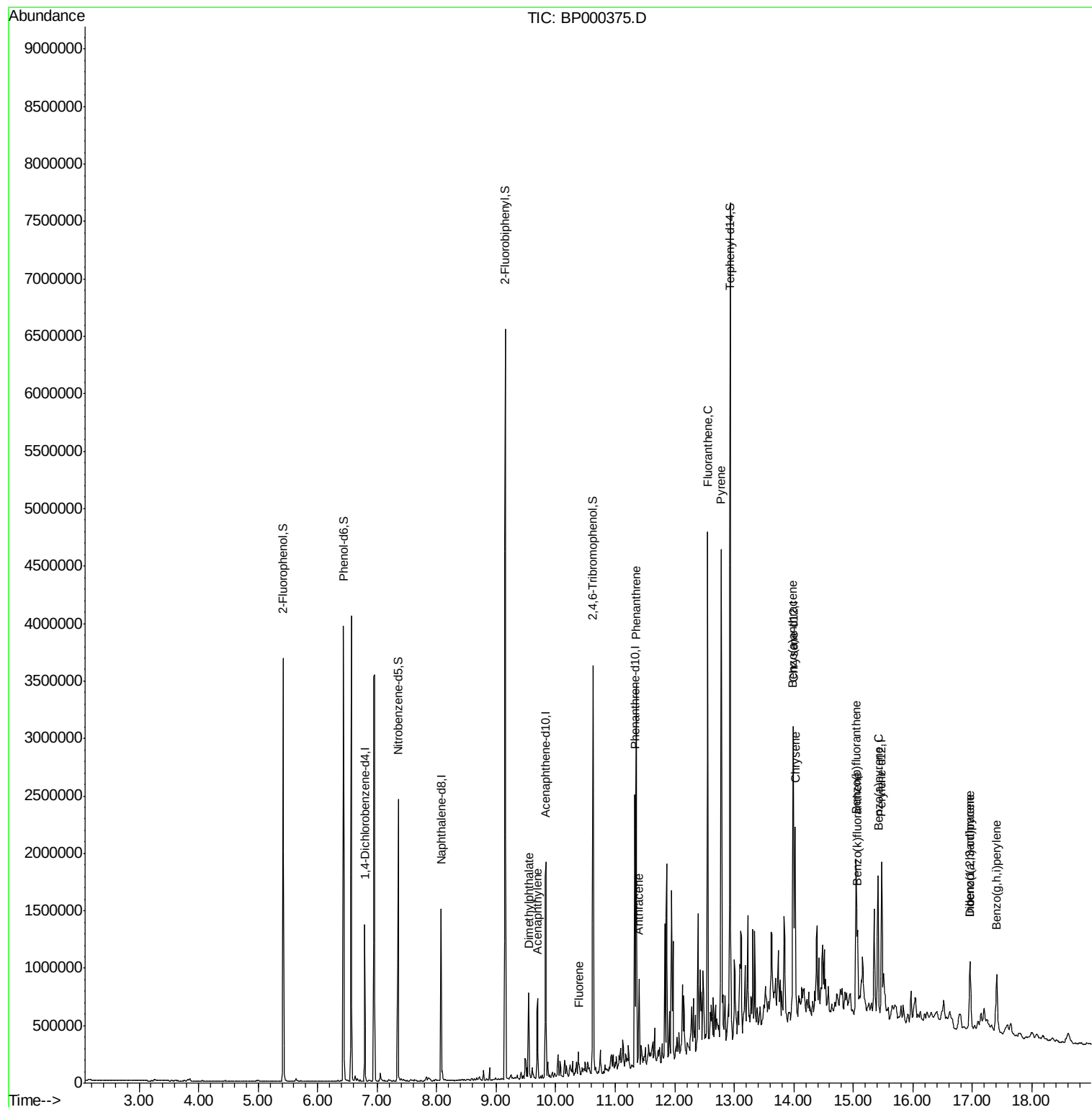
Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP092319\
Data File : BP000375.D
Acq On : 23 Sep 2019 21:05
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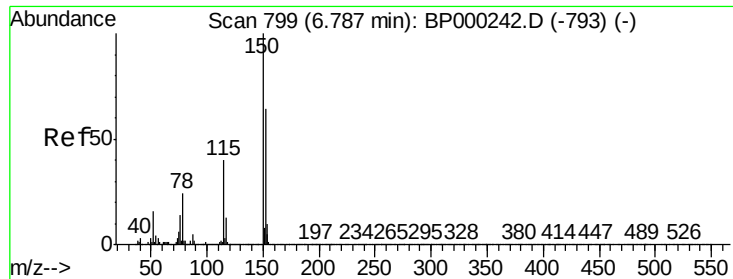
Instrument :
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#1

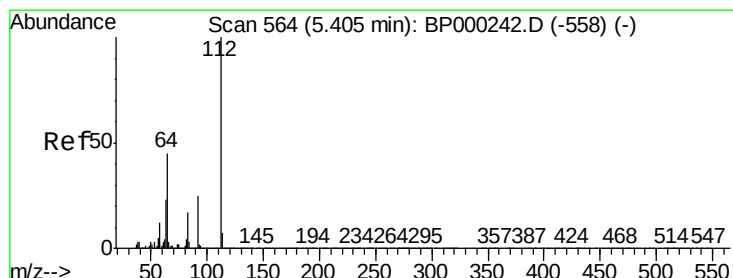
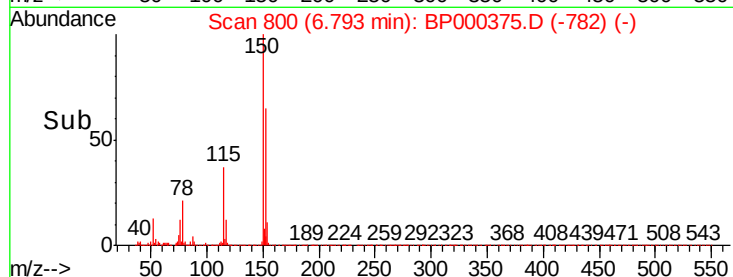
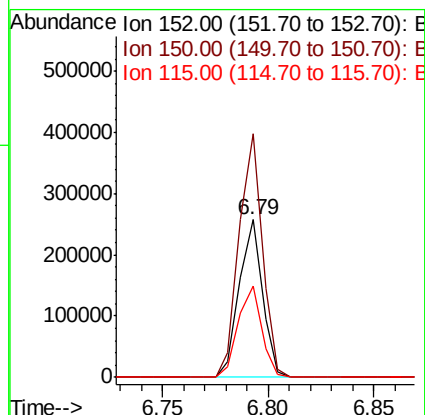
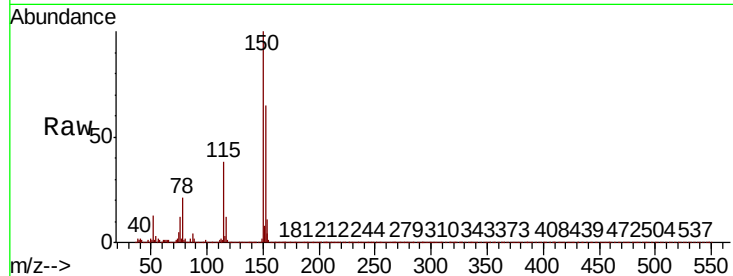
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. 0.01 min
Lab File: BP000375.D
Acq: 23 Sep 2019 21:05

Instrument :
BNA_P
ClientSampleId :
WC-09-091919

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.5	125.2	187.8
115	58.0	49.7	74.5

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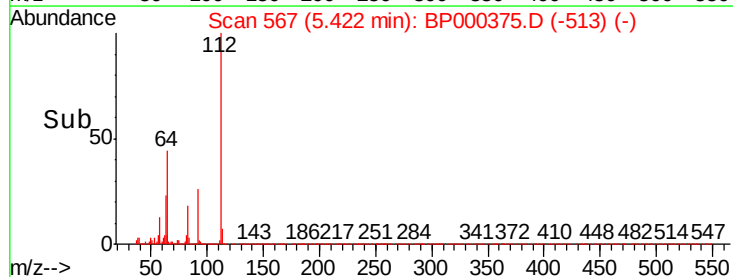
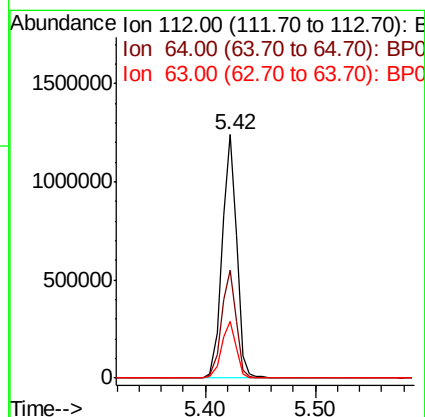
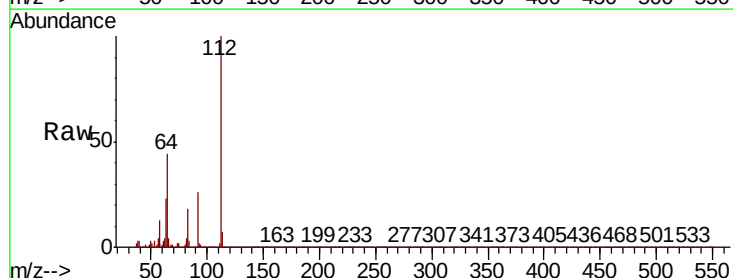
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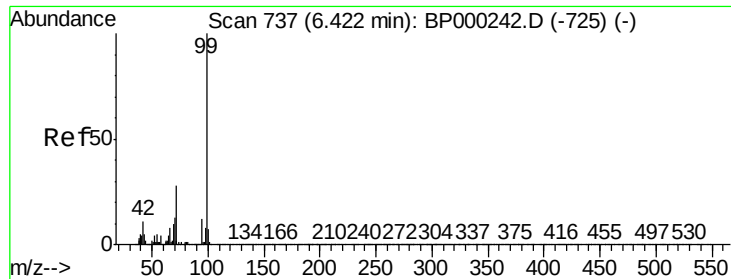


#5

2-Fluorophenol
Concen: 101.078 ng
RT: 5.42 min Scan# 567
Delta R.T. 0.02 min
Lab File: BP000375.D
Acq: 23 Sep 2019 21:05

Tgt Ion	Ratio	Lower	Upper
112	100		
64	44.1	36.2	54.4
63	23.4	18.3	27.5





#7

Phenol-d6

Concen: 103.450 ng

RT: 6.43 min Scan# 739

Delta R.T. 0.01 min

Lab File: BP000375.D

Acq: 23 Sep 2019 21:05

Instrument :

BNA_P

ClientSampleId :

WC-09-091919

Tot Ion: 99 Resp: 1429615

Ion Ratio Lower Upper

99 100

42 11.3 8.5 12.7

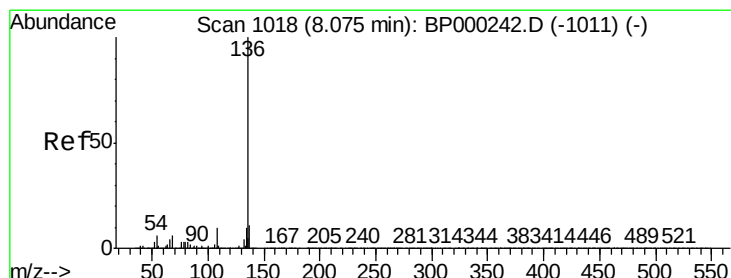
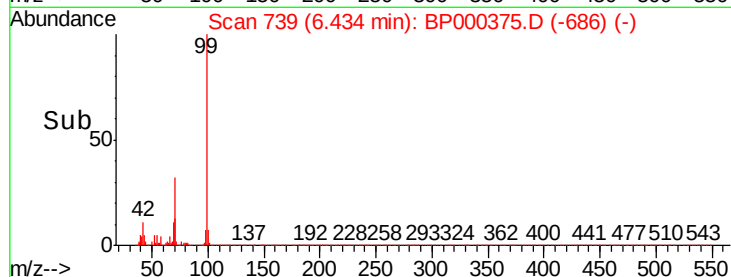
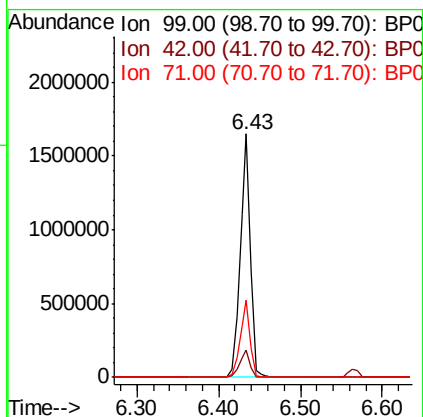
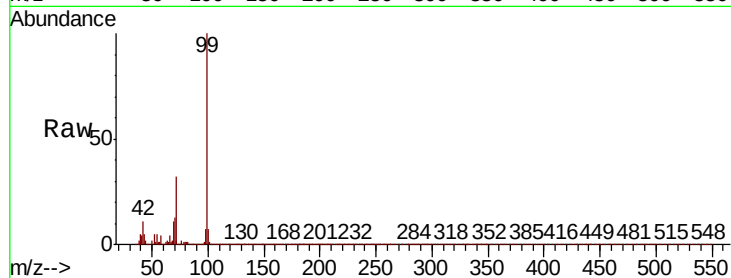
71 31.7 22.6 34.0

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#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.08 min Scan# 1018

Delta R.T. -0.00 min

Lab File: BP000375.D

Acq: 23 Sep 2019 21:05

Tgt Ion: 136 Resp: 702704

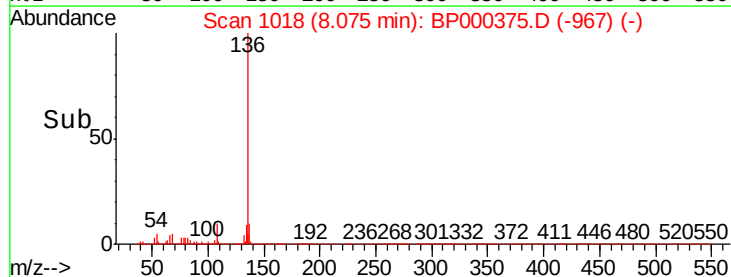
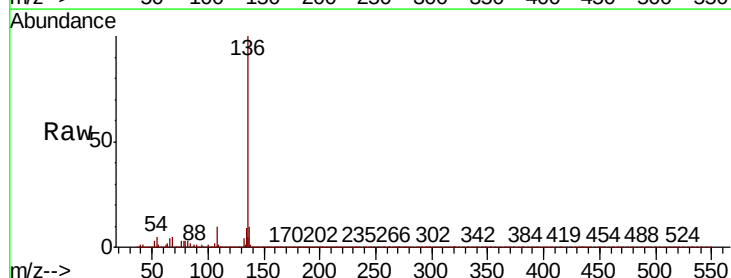
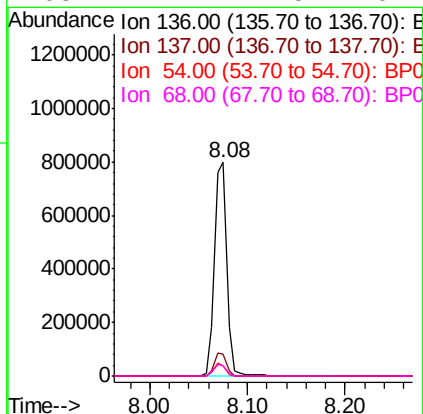
Ion Ratio Lower Upper

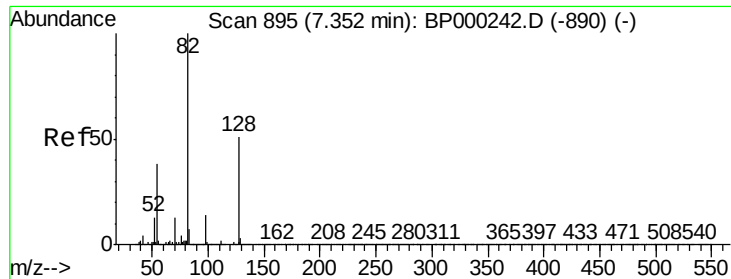
136 100

137 10.5 8.6 13.0

54 4.9 4.5 6.7

68 4.7 4.5 6.7





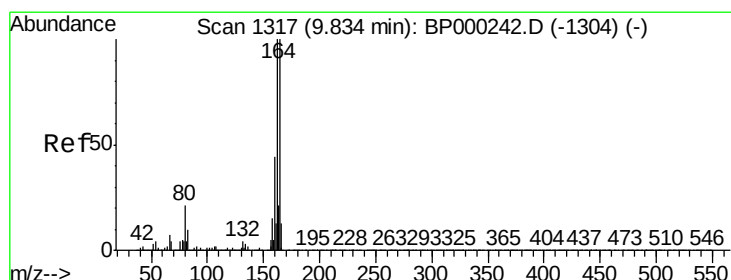
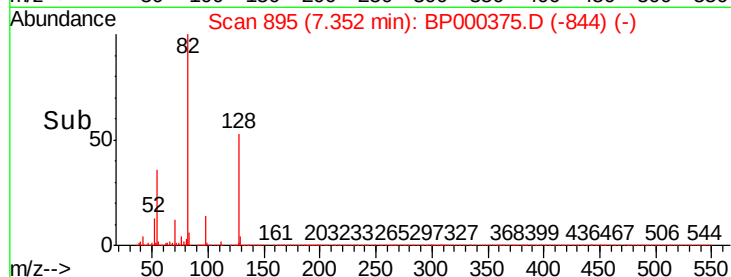
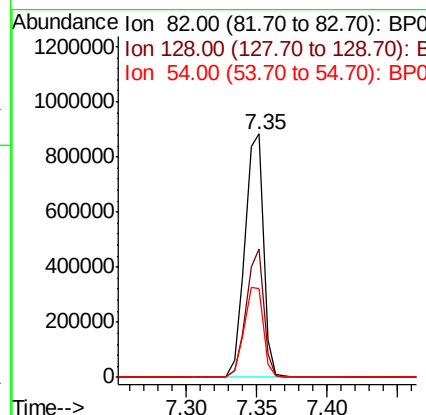
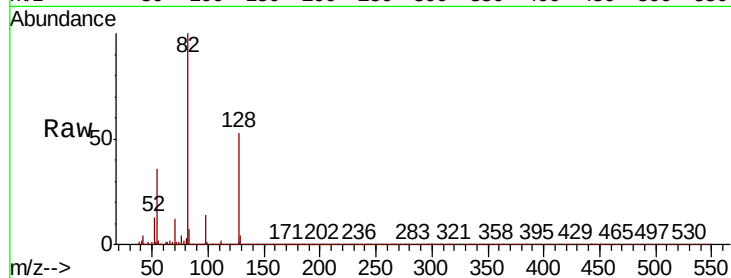
#23
 Nitrobenzene-d5
 Concen: 74.968 ng
 RT: 7.35 min Scan# 895
 Delta R.T. -0.00 min
 Lab File: BP000375.D
 Acq: 23 Sep 2019 21:05

Instrument :
 BNA_P
 ClientSampleId :
 WC-09-091919

Tot Ion	Ratio	Lower	Upper
82	100		
128	52.8	40.7	61.1
54	36.2	30.1	45.1

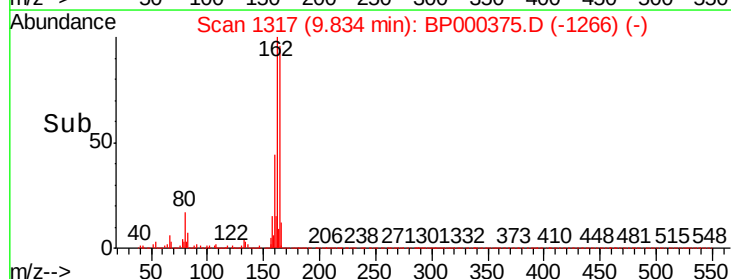
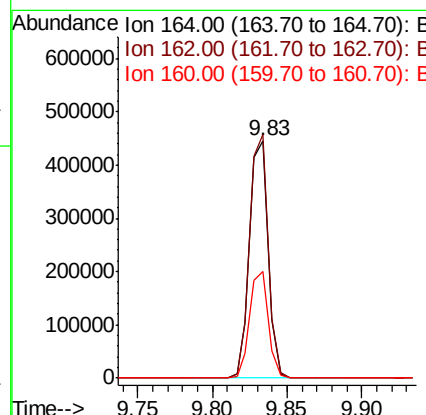
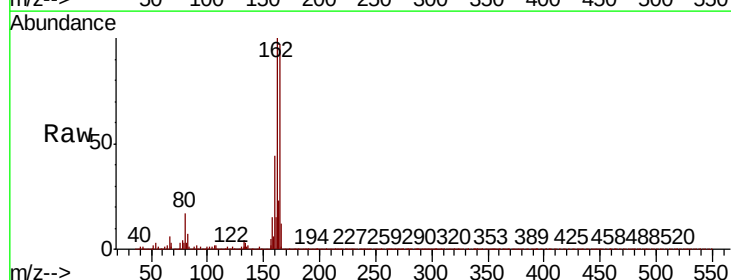
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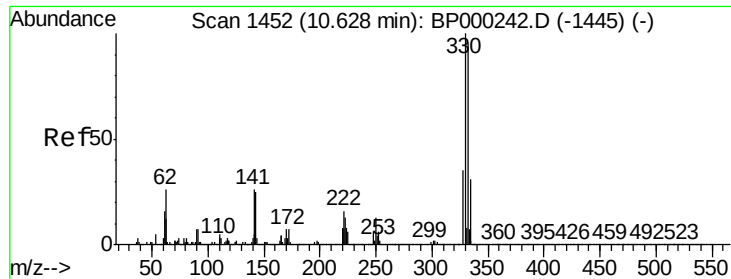
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#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.83 min Scan# 1317
 Delta R.T. -0.00 min
 Lab File: BP000375.D
 Acq: 23 Sep 2019 21:05

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.6	79.9	119.9
160	45.0	35.6	53.4





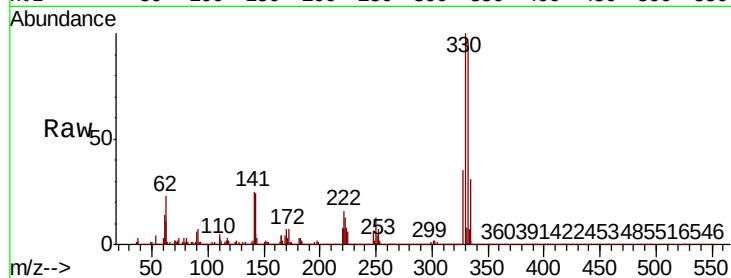
#42
2,4,6-Tribromophenol
Concen: 128.280 ng
RT: 10.63 min Scan# 1452
Delta R.T. -0.00 min
Lab File: BP000375.D
Acq: 23 Sep 2019 21:05

Instrument :
BNA_P
ClientSampleId :
WC-09-091919

Tot Ion	Ratio	Resp	Lower	Upper
330	100	490916		
332	95.5	76.6	115.0	
141	29.8	26.5	39.7	

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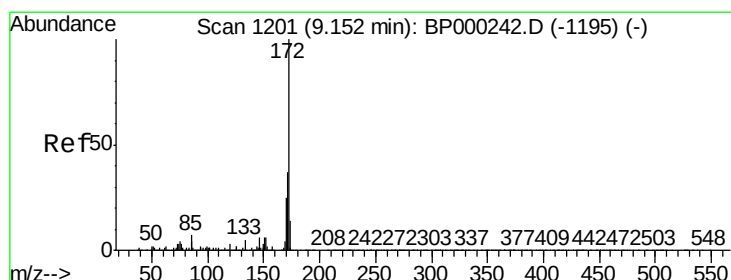
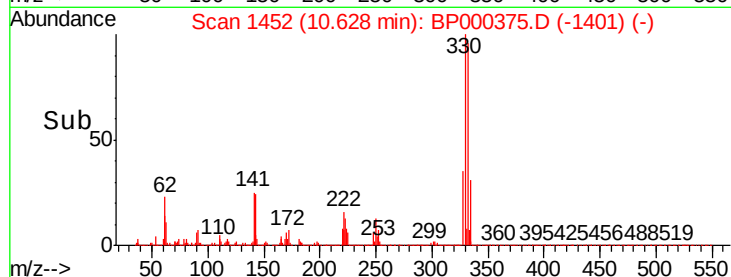
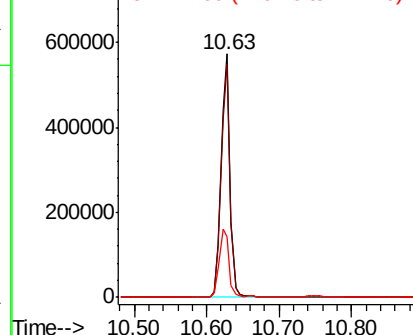


Abundance

Ion 329.80 (329.50 to 330.50): E

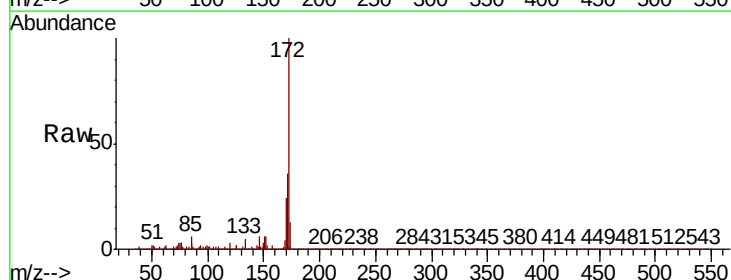
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
2-Fluorobiphenyl
Concen: 86.280 ng
RT: 9.15 min Scan# 1201
Delta R.T. -0.00 min
Lab File: BP000375.D
Acq: 23 Sep 2019 21:05

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1849600		
171	36.5	29.8	44.6	
170	24.2	19.8	29.6	

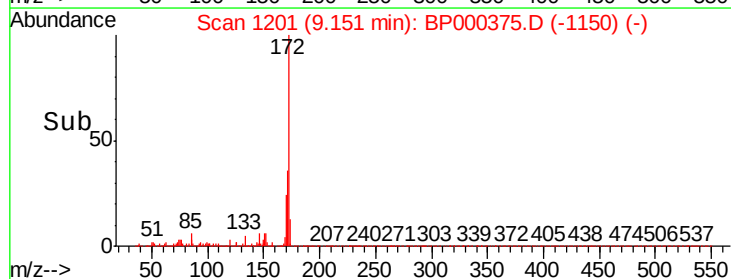
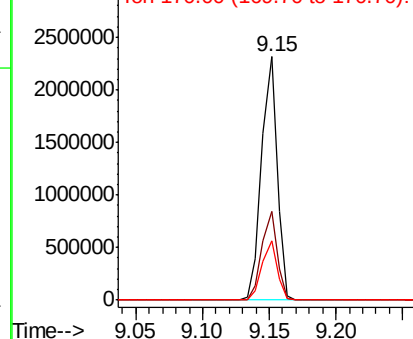


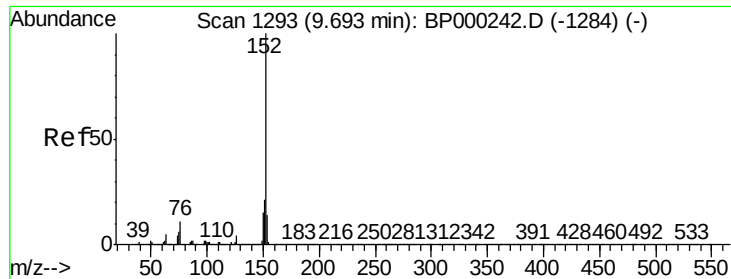
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





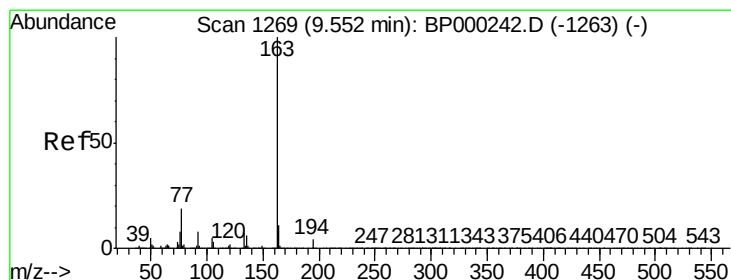
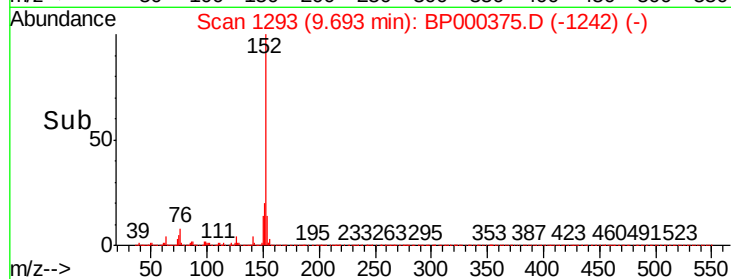
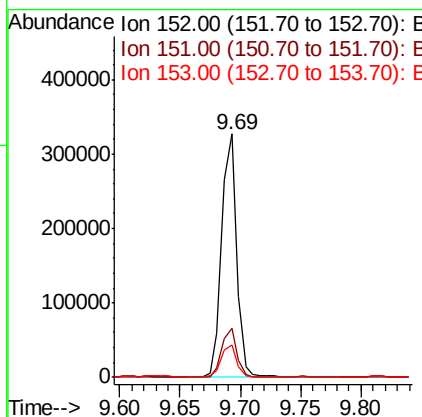
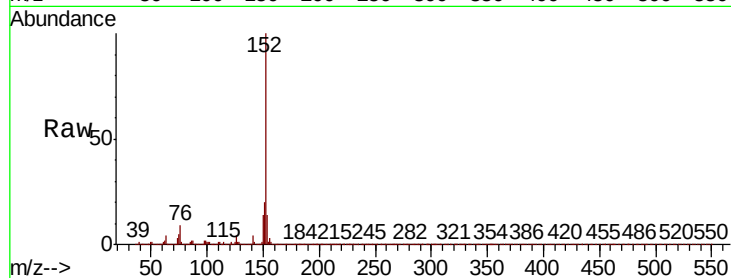
#49
Acenaphthylene
Concen: 8.285 ng
RT: 9.69 min Scan# 1293
Delta R.T. -0.00 min
Lab File: BP000375.D
Acq: 23 Sep 2019 21:05

Instrument :
BNA_P
ClientSampleId :
WC-09-091919

Tot Ion	Ratio	Resp	Lower	Upper
152	100	278848		
151	20.3		16.4	24.6
153	13.6		11.0	16.4

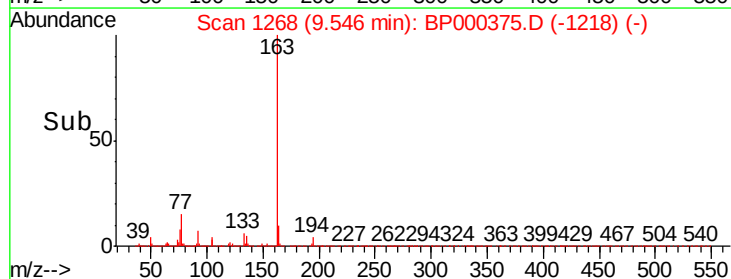
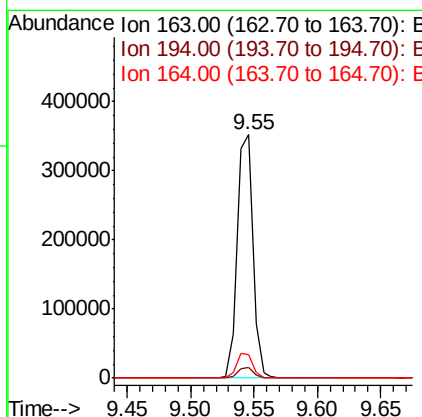
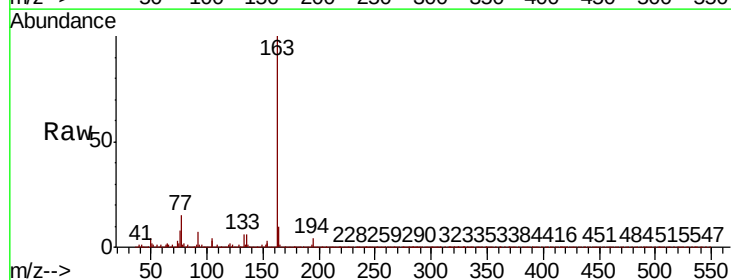
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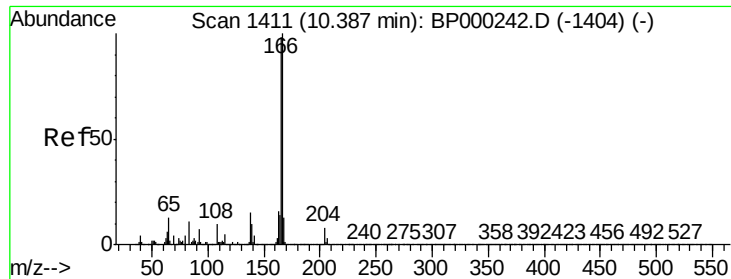
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#50
Dimethylphthalate
Concen: 11.273 ng
RT: 9.55 min Scan# 1268
Delta R.T. -0.01 min
Lab File: BP000375.D
Acq: 23 Sep 2019 21:05

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	296347		
194	4.5		3.4	5.0
164	9.7		8.5	12.7





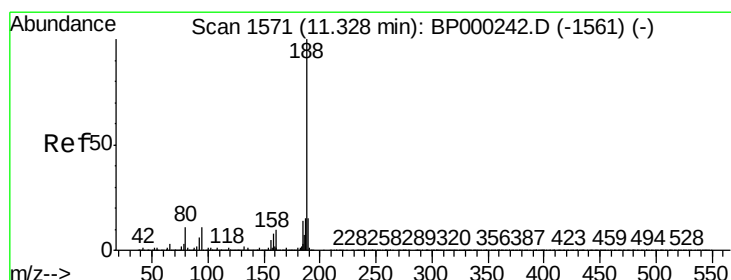
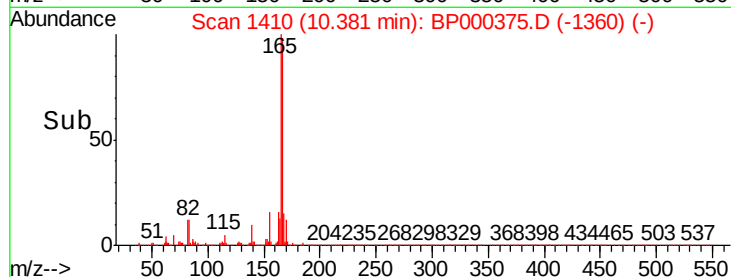
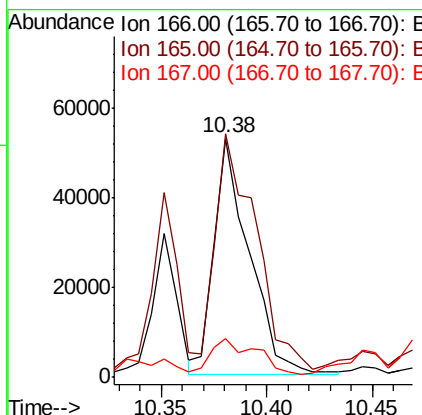
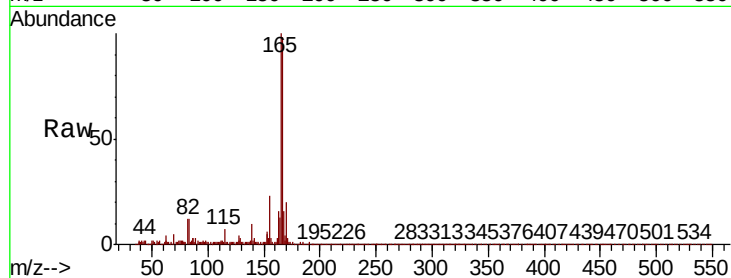
#58
 Fluorene
 Concen: 2.651 ng
 RT: 10.38 min Scan# 1410
 Delta R.T. -0.01 min
 Lab File: BP000375.D
 Acq: 23 Sep 2019 21:05

Instrument :
 BNA_P
 ClientSampleId :
 WC-09-091919

Tot Ion	Ratio	Lower	Upper
166	100		
165	102.0	78.2	117.2
167	16.2	10.7	16.1#

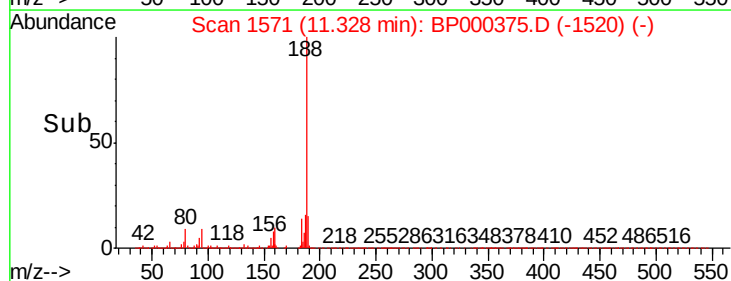
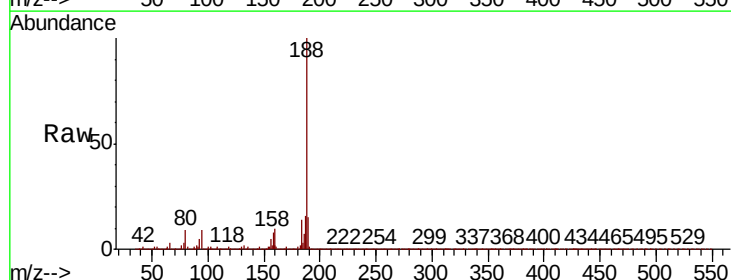
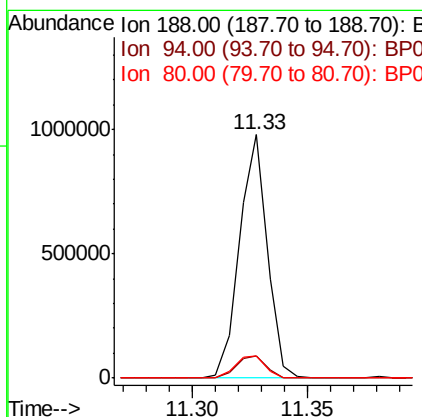
Manual Integrations
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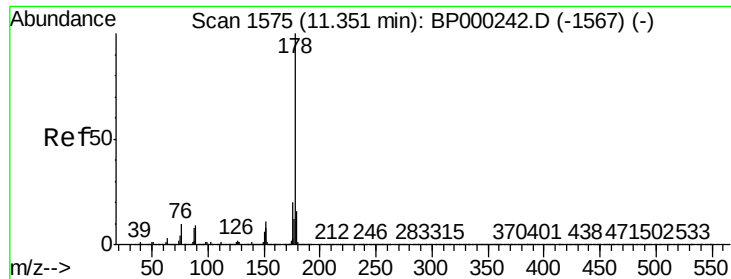
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#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.33 min Scan# 1571
 Delta R.T. -0.00 min
 Lab File: BP000375.D
 Acq: 23 Sep 2019 21:05

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.0	8.5	12.7
80	9.3	8.6	13.0





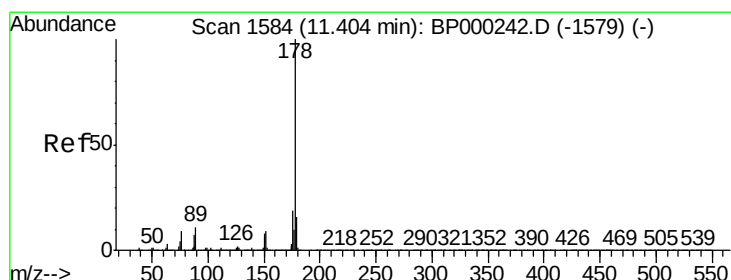
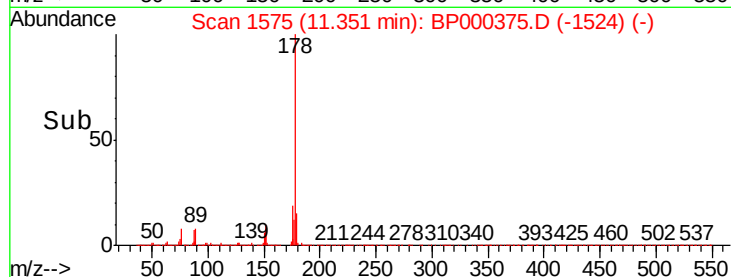
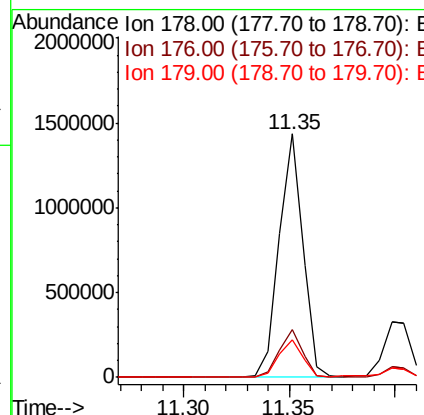
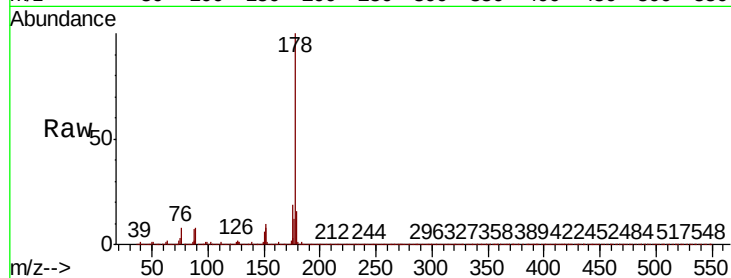
#71
Phenanthrene
Concen: 27.265 ng
RT: 11.35 min Scan# 1575
Delta R.T. -0.00 min
Lab File: BP000375.D
Acq: 23 Sep 2019 21:05

Instrument :
BNA_P
ClientSampleId :
WC-09-091919

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.8	23.8
179	15.5	12.7	19.1

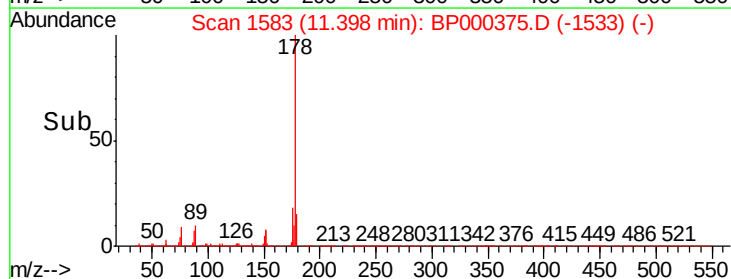
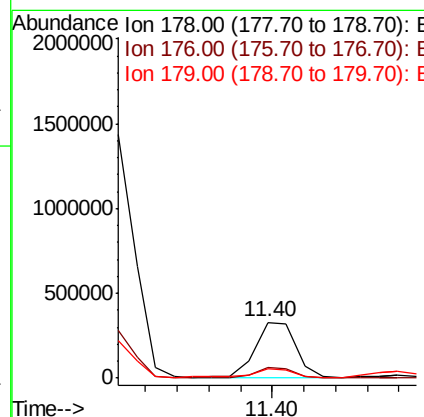
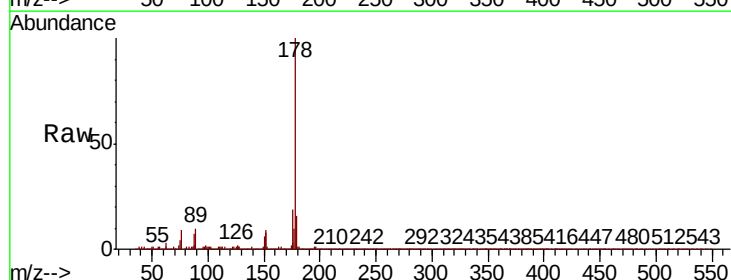
Manual Integrations
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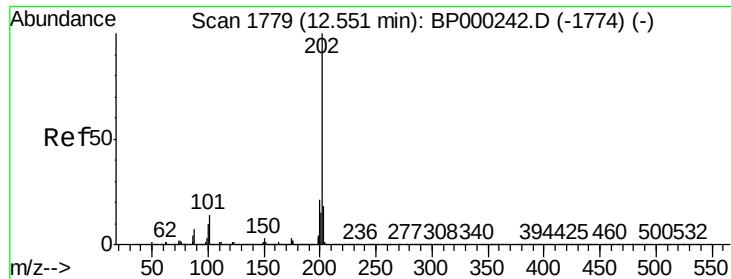
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#72
Anthracene
Concen: 6.874 ng
RT: 11.40 min Scan# 1583
Delta R.T. -0.01 min
Lab File: BP000375.D
Acq: 23 Sep 2019 21:05

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.4	23.0
179	15.7	12.7	19.1





#75

Fluoranthene

Concen: 36.950 ng

RT: 12.55 min Scan# 1779

Delta R.T. -0.00 min

Lab File: BP000375.D

Acq: 23 Sep 2019 21:05

Instrument :

BNA_P

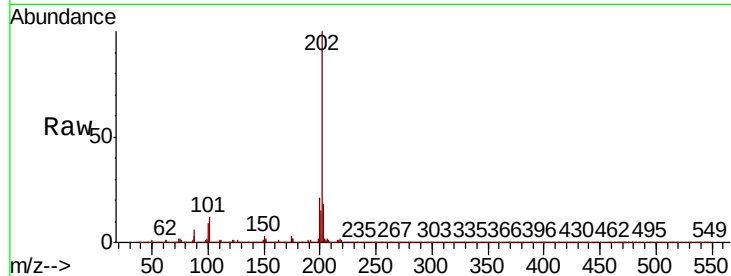
ClientSampled :

WC-09-091919

Tot Ion:	202	Resp:	1630200
Ion	Ratio	Lower	Upper
202	100		
101	12.4	0.0	33.9
203	18.5	0.0	38.0

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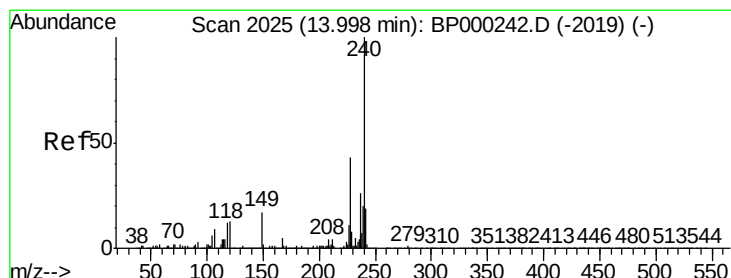
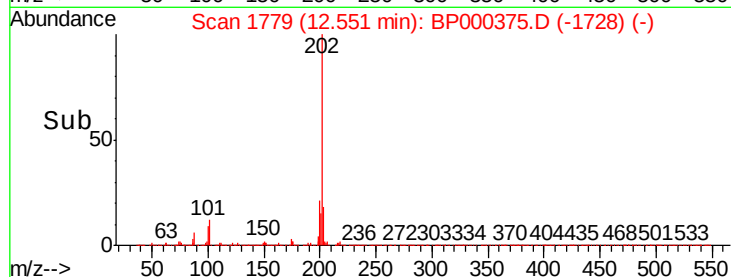
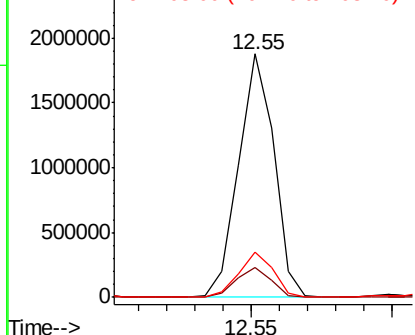


Abundance

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

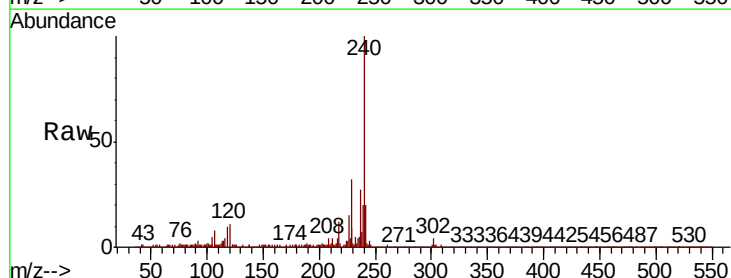
RT: 13.99 min Scan# 2024

Delta R.T. -0.01 min

Lab File: BP000375.D

Acq: 23 Sep 2019 21:05

Tgt Ion:	240	Resp:	531240
Ion	Ratio	Lower	Upper
240	100		
120	11.0	10.4	15.6
236	26.5	21.0	31.6

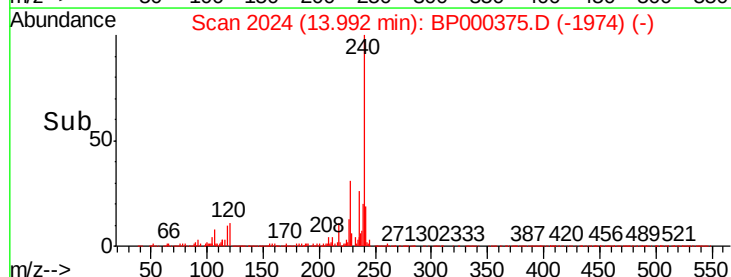
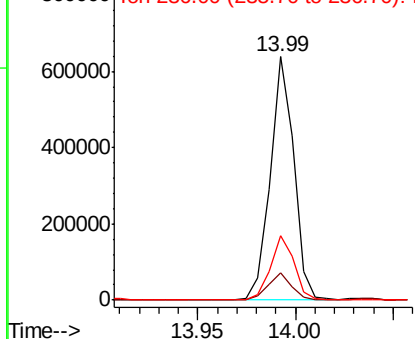


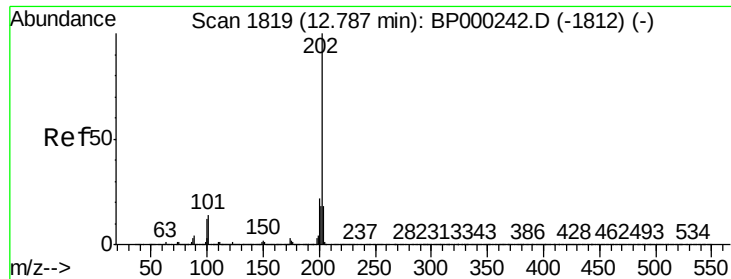
Abundance

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

Pvrene

Concen: 46.302 ng

RT: 12.78 min Scan# 1818

Delta R.T. -0.01 min

Lab File: BP000375.D

Acq: 23 Sep 2019 21:05

Instrument :

BNA_P

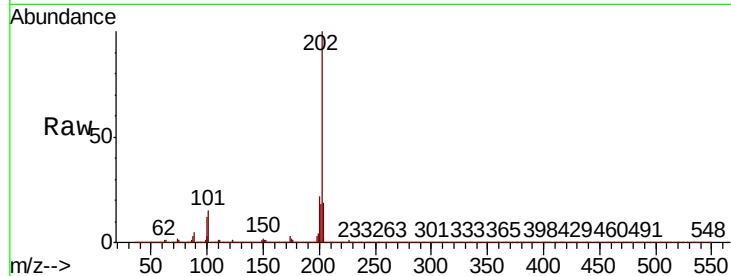
ClientSampled :

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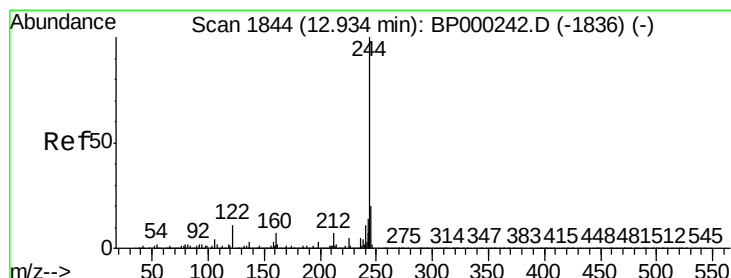
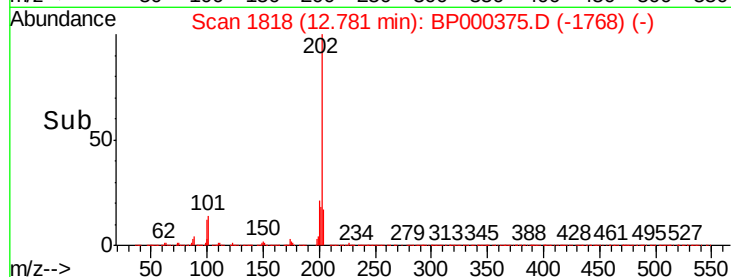
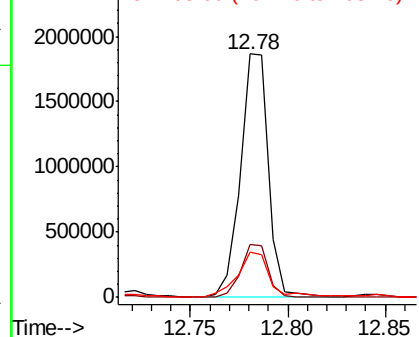
Tot Ion:	202	Resp:	1840287
Ion Ratio	Lower	Upper	
202	100		
200	21.6	17.5	26.3
203	18.5	14.3	21.5

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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: 97.259 ng

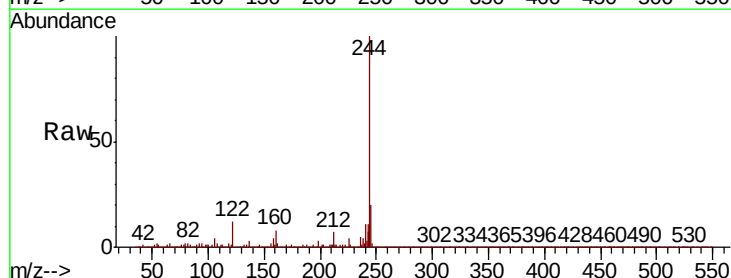
RT: 12.93 min Scan# 1843

Delta R.T. -0.01 min

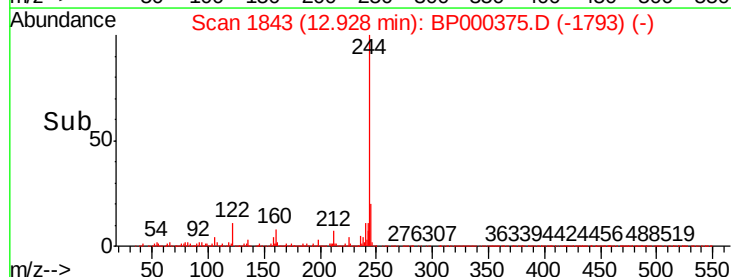
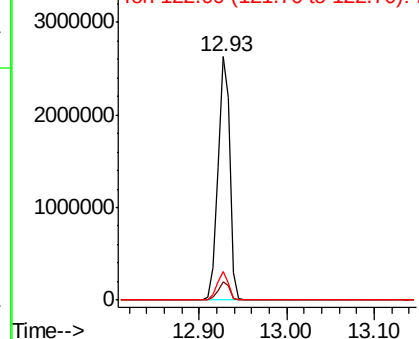
Lab File: BP000375.D

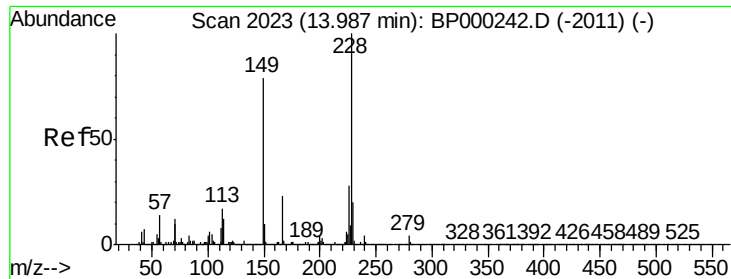
Acq: 23 Sep 2019 21:05

Tgt Ion:	244	Resp:	2462899
Ion Ratio	Lower	Upper	
244	100		
212	7.5	5.9	8.9
122	11.5	9.0	13.4



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E





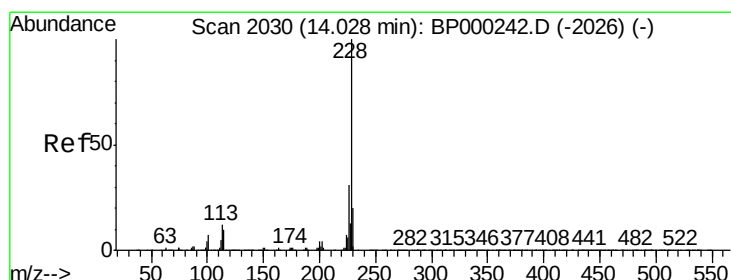
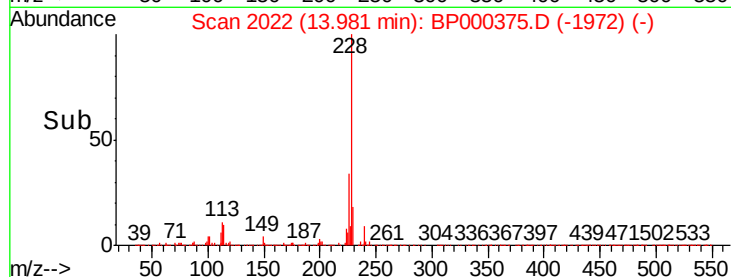
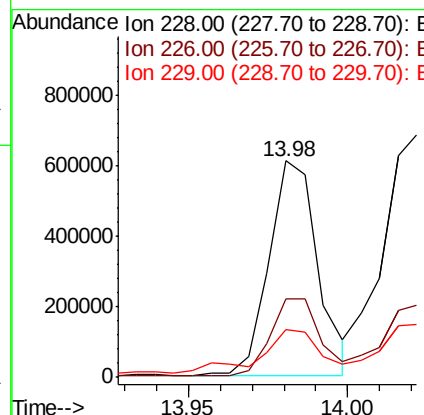
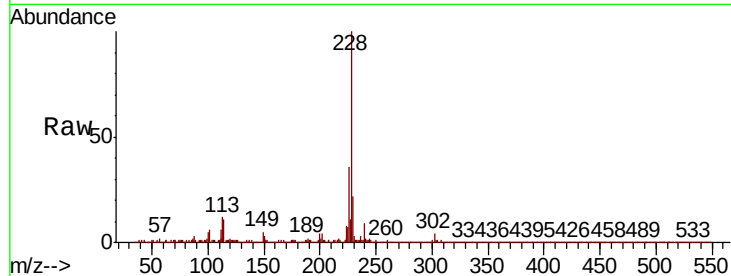
#81
Benzo(a)anthracene
Concen: 19.232 ng m
RT: 13.98 min Scan# 2022
Delta R.T. -0.01 min
Lab File: BP000375.D
Acq: 23 Sep 2019 21:05

Instrument :
BNA_P
ClientSampleId :
WC-09-091919

Tot Ion	Ratio	Lower	Upper
228	100		
226	36.0	22.2	33.4#
229	21.9	16.0	24.0

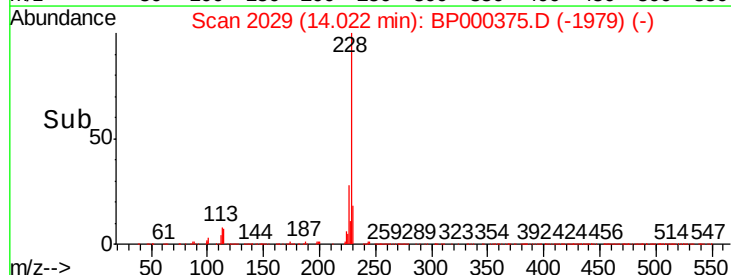
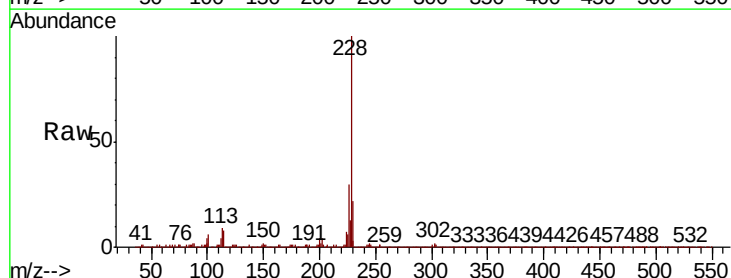
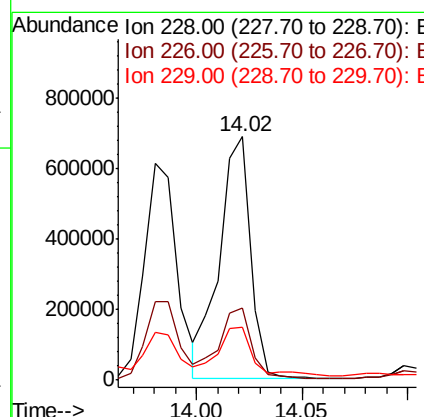
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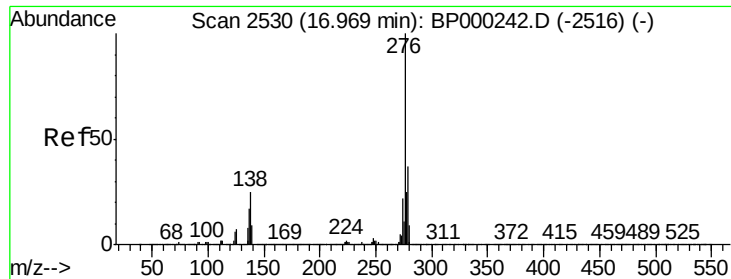
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#83
Chrysene
Concen: 21.293 ng
RT: 14.02 min Scan# 2029
Delta R.T. -0.01 min
Lab File: BP000375.D
Acq: 23 Sep 2019 21:05

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.8	24.9	37.3
229	21.9	16.2	24.2





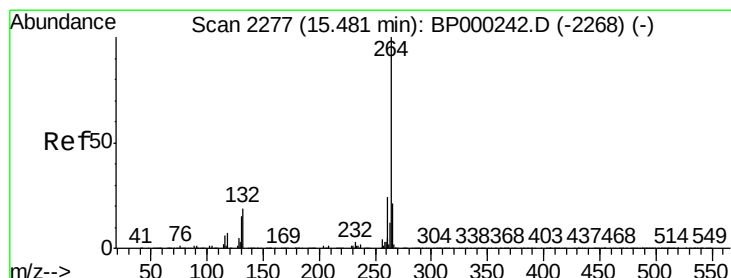
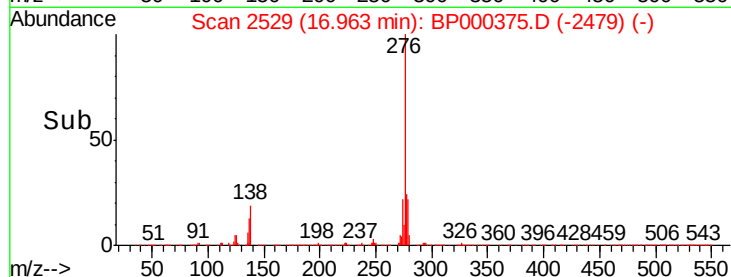
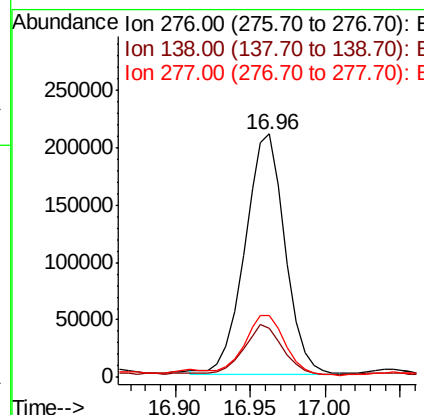
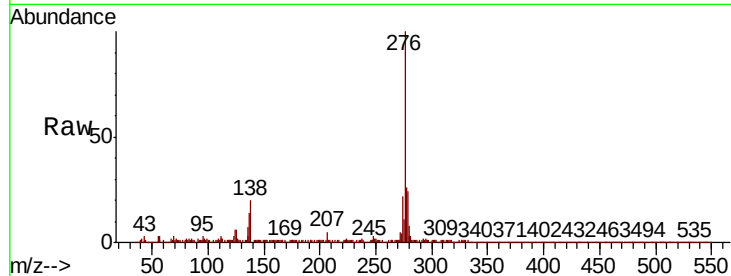
#86
Indeno(1,2,3-cd)pyrene
Concen: 9.762 ng/ml
RT: 16.96 min Scan# 2529
Delta R.T. -0.01 min
Lab File: BP000375.D
Acq: 23 Sep 2019 21:05

Instrument :
BNA_P
ClientSampleId :
WC-09-091919

Tot Ion	Ratio	Lower	Upper
276	100		
138	4.7	22.6	33.8#
277	4.9	20.4	30.6#

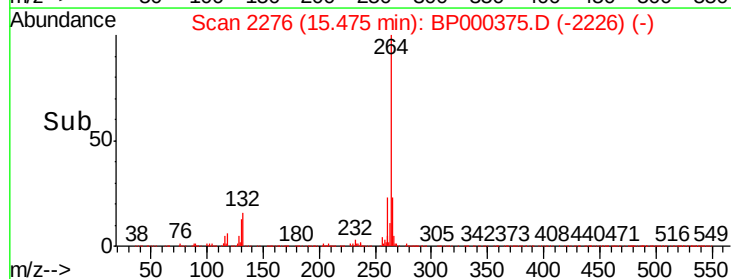
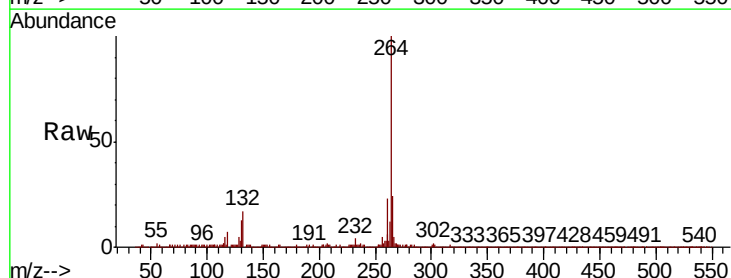
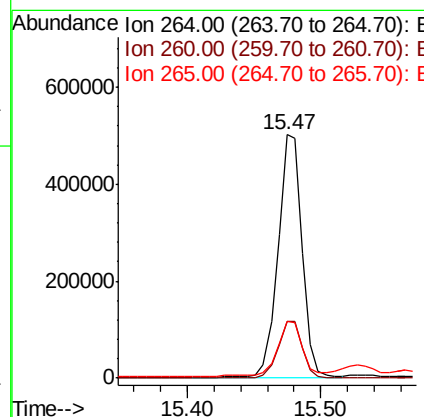
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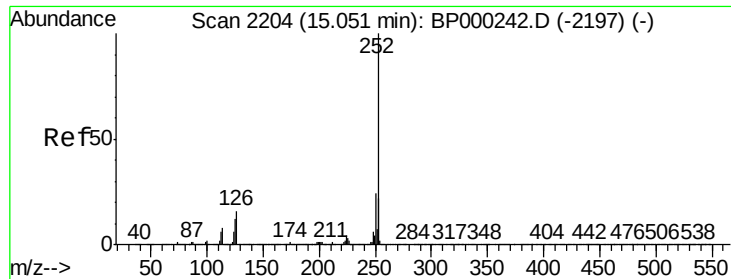
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#87
Perylene-d12
Concen: 20.000 ng
RT: 15.47 min Scan# 2276
Delta R.T. -0.01 min
Lab File: BP000375.D
Acq: 23 Sep 2019 21:05

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.9	28.3
265	23.6	17.2	25.8





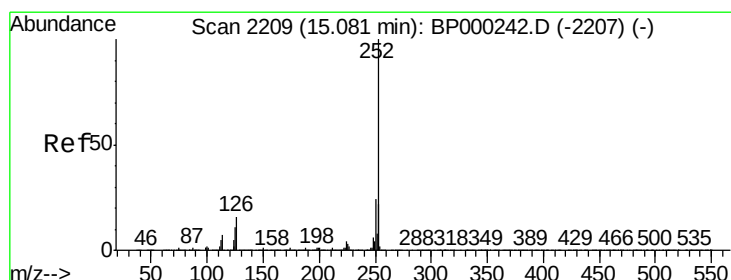
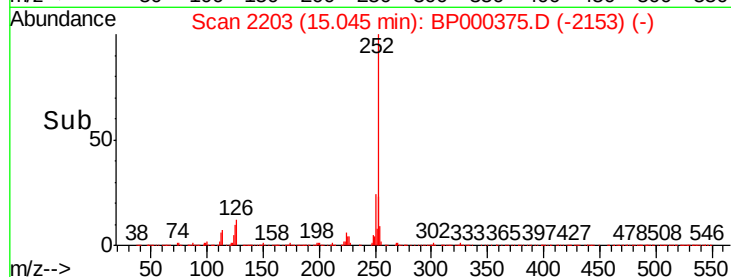
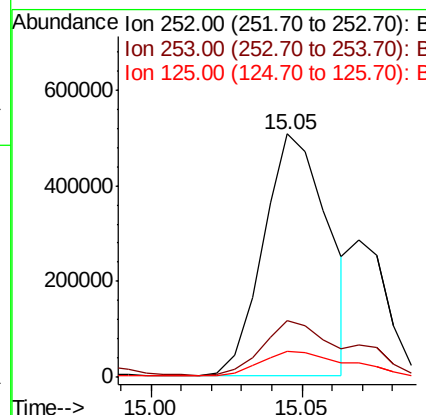
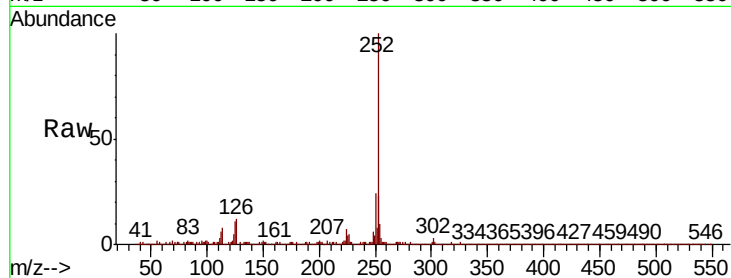
#88
Benzo(b)fluoranthene
Concen: 19.903 ng m
RT: 15.05 min Scan# 2203
Delta R.T. -0.01 min
Lab File: BP000375.D
Acq: 23 Sep 2019 21:05

Instrument :
BNA_P
ClientSampleId :
WC-09-091919

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.8	26.6
125	10.6	9.5	14.3

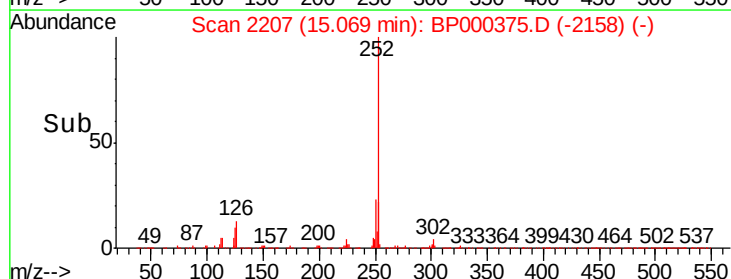
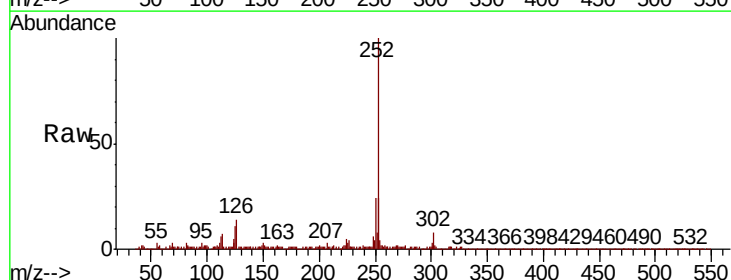
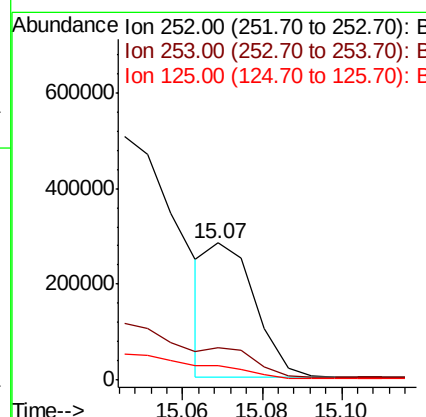
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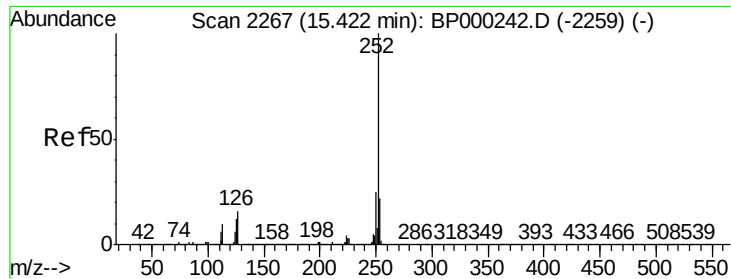
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#89
Benzo(k)fluoranthene
Concen: 7.003 ng m
RT: 15.07 min Scan# 2207
Delta R.T. -0.01 min
Lab File: BP000375.D
Acq: 23 Sep 2019 21:05

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.9	17.8	26.8
125	10.9	9.6	14.4





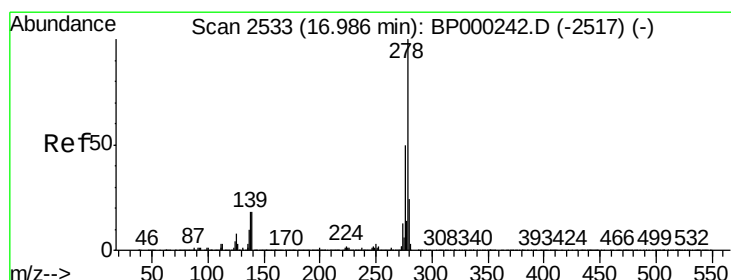
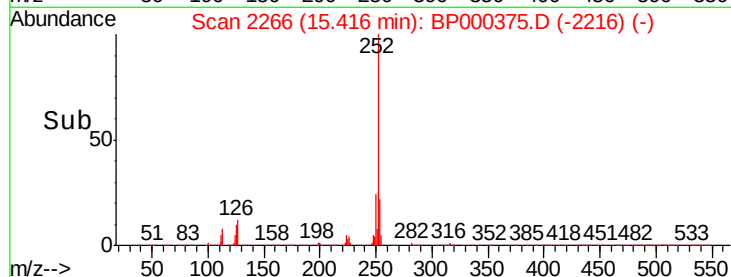
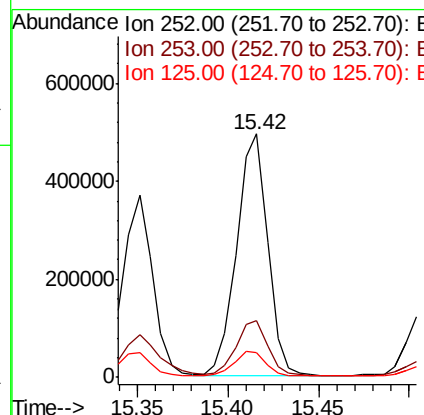
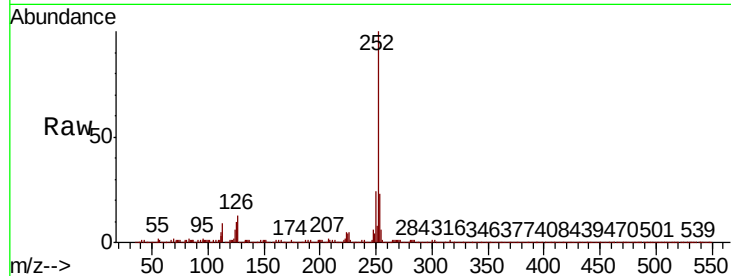
#90
Benzo(a)pyrene
Concen: 17.067 ng
RT: 15.42 min Scan# 2266
Delta R.T. -0.01 min
Lab File: BP000375.D
Acq: 23 Sep 2019 21:05

Instrument :
BNA_P
ClientSampleId :
WC-09-091919

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.7	26.5
125	10.3	10.0	15.0

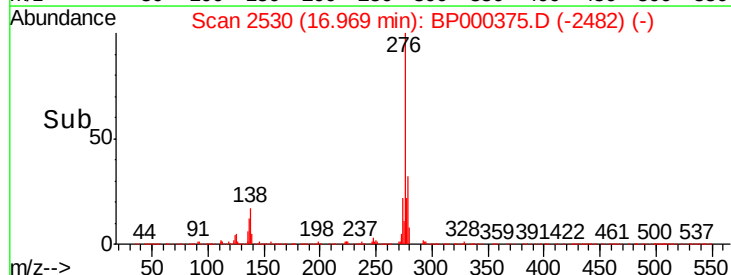
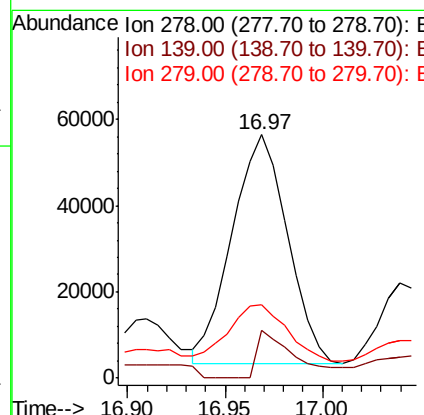
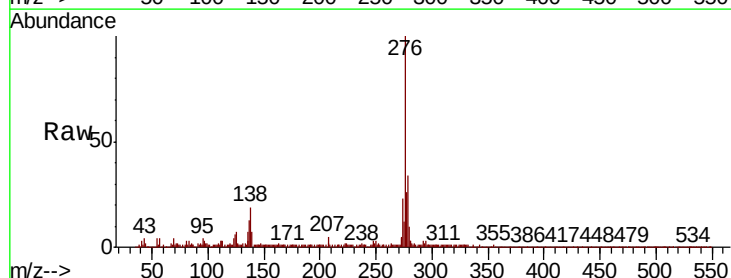
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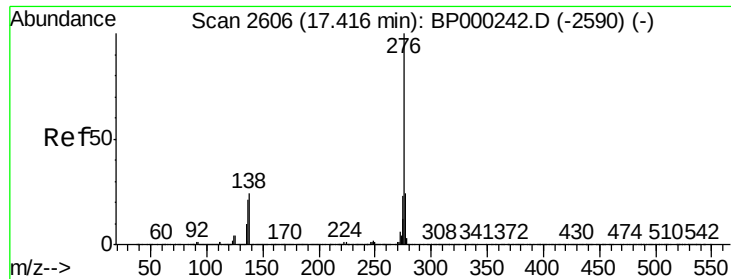
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#91
Dibenzo(a,h)anthracene
Concen: 3.249 ng
RT: 16.97 min Scan# 2530
Delta R.T. -0.02 min
Lab File: BP000375.D
Acq: 23 Sep 2019 21:05

Tgt Ion	Ratio	Lower	Upper
278	100		
139	19.8	14.5	21.7
279	30.3	19.0	28.6





#92
 Benzo(a,h,i)perylene
 Concen: 12.275 ng
 RT: 17.41 min Scan# 2605
 Delta R.T. -0.01 min
 Lab File: BP000375.D
 Acq: 23 Sep 2019 21:05

Instrument :
 BNA_P
 ClientSampleId :
 WC-09-091919

Tot Ion:	276	Resp:	404674
Ion Ratio		Lower	Upper
276	100		
277	24.4	19.1	28.7
138	20.1	19.5	29.3

Manual Integrations
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