

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP092319\
 Data File : BP000373.D
 Acq On : 23 Sep 2019 20:17
 Operator : HP/JU
 Sample : K4997-09
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 WC-12-091919

Manual Integrations
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mohammad
 9/24/2019 2:38:46 PM

Quant Time: Sep 24 04:47:54 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	254637	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	902119	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	490150	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	760889	20.00	ng	0.00
76) Chrysene-d12	13.99	240	645762	20.00	ng	0.00
87) Perylene-d12	15.47	264	723384	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	2023124	137.16	ng	0.02
7) Phenol-d6	6.43	99	2602949	143.97	ng	0.01
23) Nitrobenzene-d5	7.35	82	1473112	105.36	ng	0.00
42) 2,4,6-Tribromophenol	10.63	330	708768	145.79	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	3028276	111.20	ng	0.00
79) Terphenyl-d14	12.93	244	3131608	101.73	ng	0.00
Target Compounds						
49) Acenaphthylene	9.69	152	97904	2.290	ng	100
50) Dimethylphthalate	9.54	163	243173	7.282	ng	100
71) Phenanthrene	11.35	178	363846	9.542	ng	99
75) Fluoranthene	12.55	202	501687	12.253	ng	95
78) Pyrene	12.78	202	571082	11.820	ng	98
81) Benzo(a)anthracene	13.98	228	225569m	5.530	ng	
83) Chrysene	14.02	228	258548	6.455	ng	98
86) Indeno(1,2,3-cd)pyrene	16.95	276	140072m	2.869	ng	
88) Benzo(b)fluoranthene	15.04	252	267417m	6.197	ng	
89) Benzo(k)fluoranthene	15.07	252	93701m	2.489	ng	
90) Benzo(a)pyrene	15.41	252	210673	5.365	ng	99
92) Benzo(a,h,i)perylene	17.40	276	148987	3.959	ng	96

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

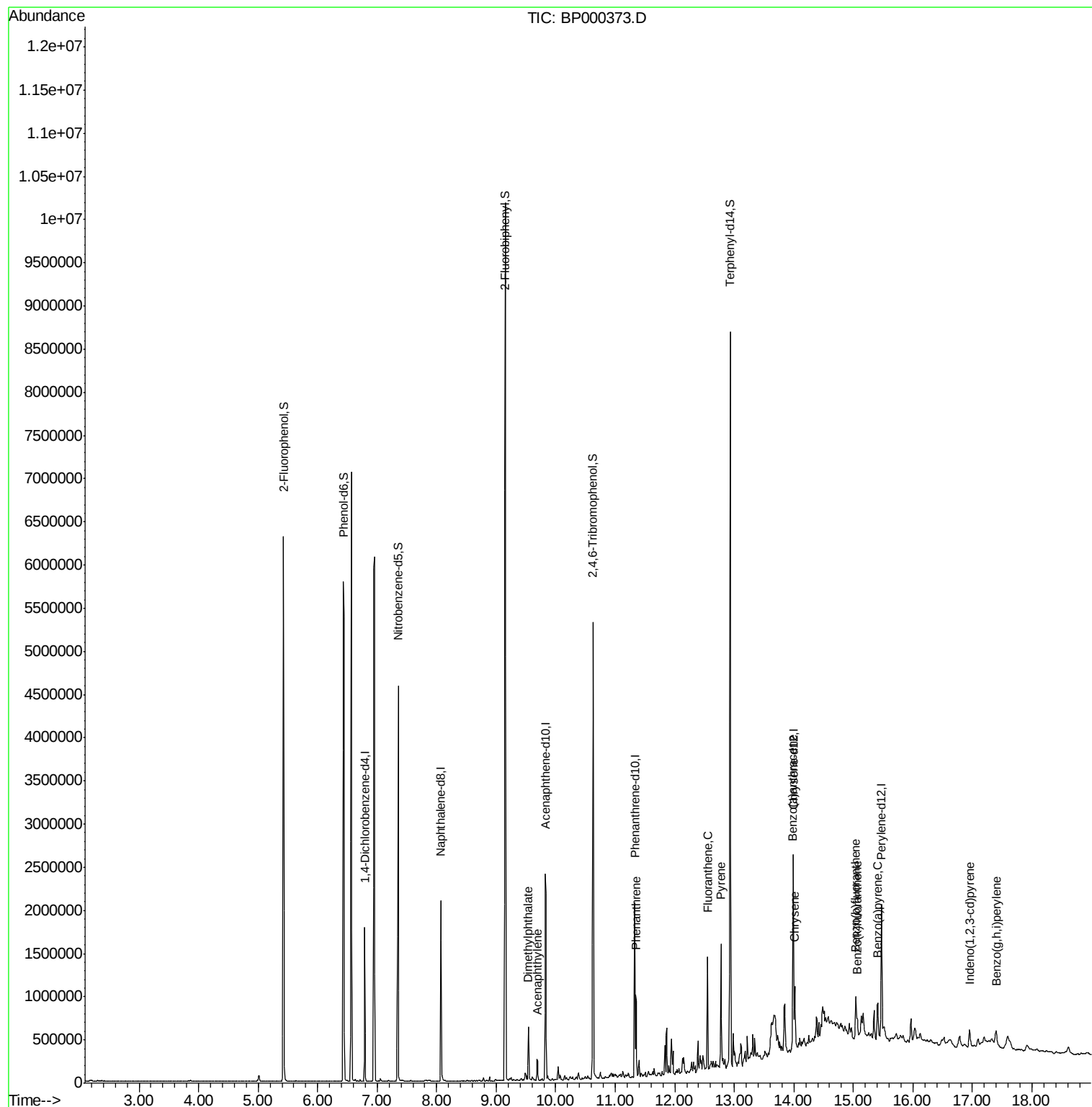
Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP092319\
Data File : BP000373.D
Acq On : 23 Sep 2019 20:17
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#1

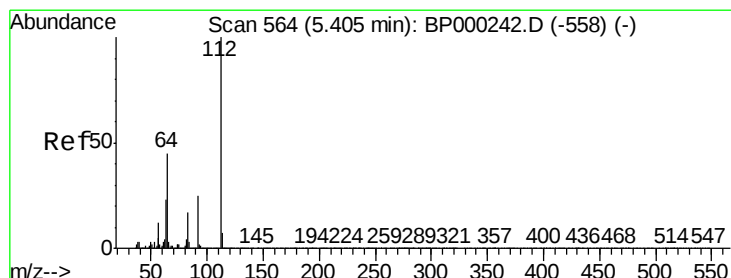
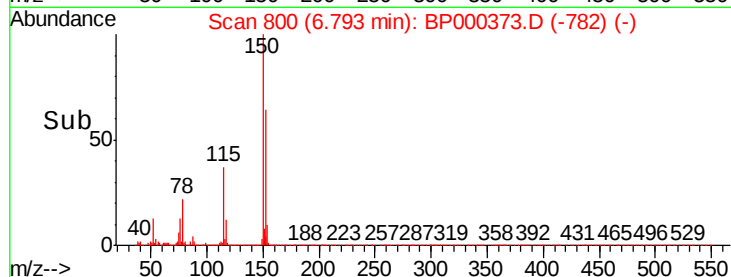
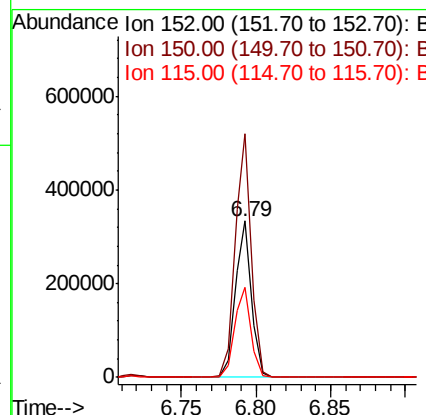
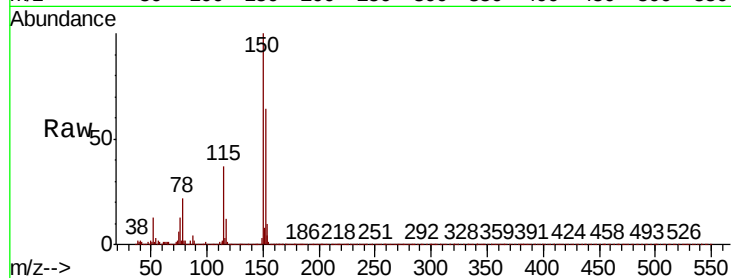
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. 0.01 min
Lab File: BP000373.D
Acq: 23 Sep 2019 20:17

Instrument :
BNA_P
ClientSampleId :
WC-12-091919

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.7	125.2	187.8
115	57.7	49.7	74.5

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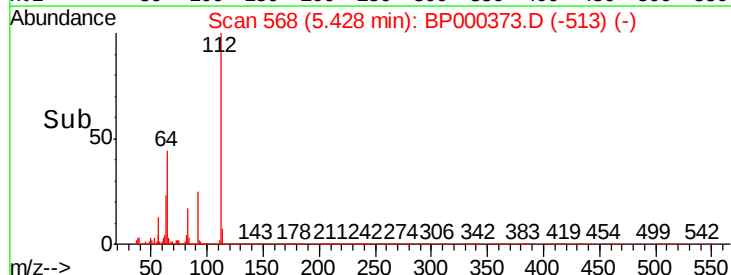
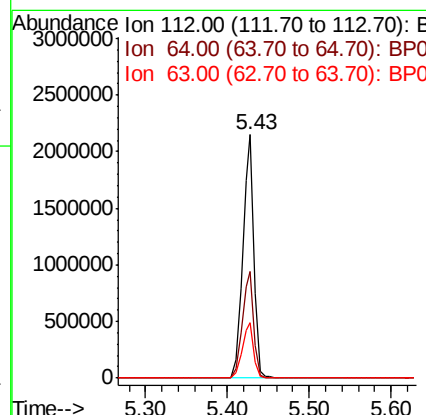
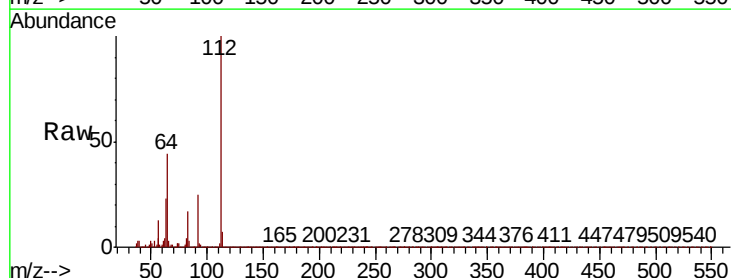
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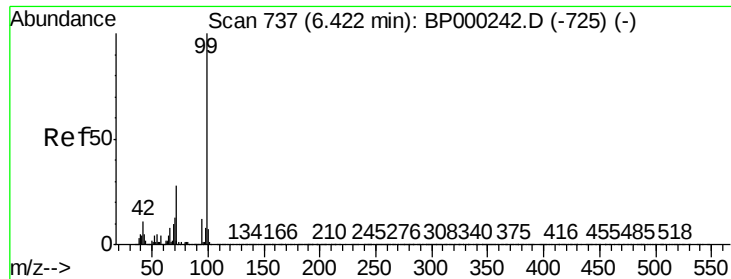


#5

2-Fluorophenol
Concen: 137.161 ng
RT: 5.43 min Scan# 568
Delta R.T. 0.02 min
Lab File: BP000373.D
Acq: 23 Sep 2019 20:17

Tgt Ion	Ratio	Lower	Upper
112	100		
64	43.6	36.2	54.4
63	22.7	18.3	27.5





#7

Phenol-d6

Concen: 143.965 ng

RT: 6.43 min Scan# 739

Delta R.T. 0.01 min

Lab File: BP000373.D

Acq: 23 Sep 2019 20:17

Instrument :

BNA_P

ClientSampleId :

WC-12-091919

Tot Ion: 99 Resp: 2602949

Ion Ratio Lower Upper

99 100

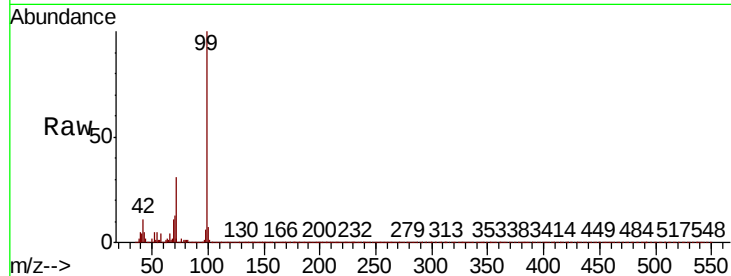
42 11.2 8.5 12.7

71 30.8 22.6 34.0

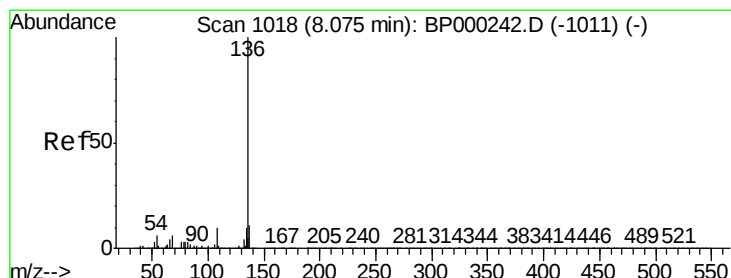
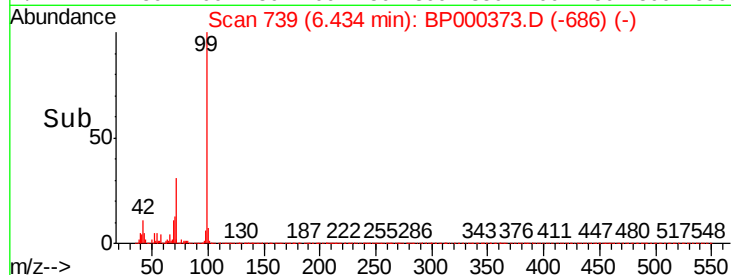
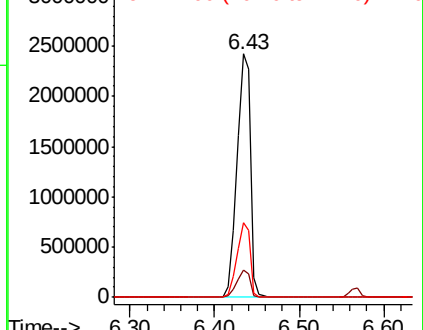
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Abundance Ion 99.00 (98.70 to 99.70): BP0
Ion 42.00 (41.70 to 42.70): BP0
Ion 71.00 (70.70 to 71.70): BP0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.07 min Scan# 1017

Delta R.T. -0.01 min

Lab File: BP000373.D

Acq: 23 Sep 2019 20:17

Tgt Ion: 136 Resp: 902119

Ion Ratio Lower Upper

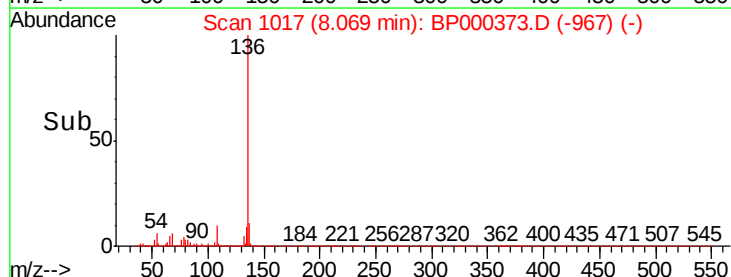
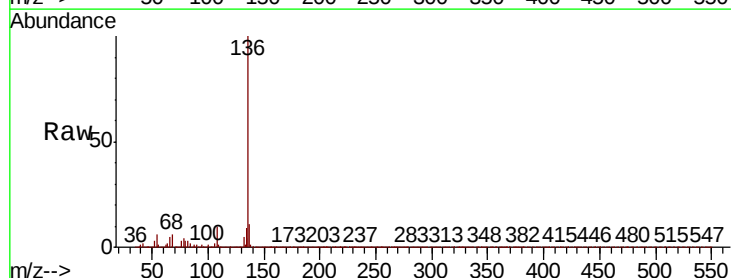
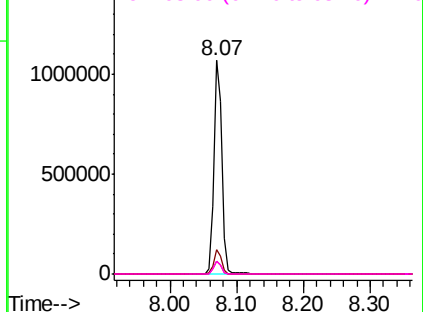
136 100

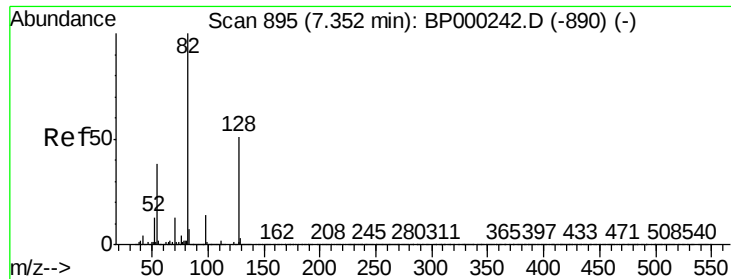
137 11.3 8.6 13.0

54 6.0 4.5 6.7

68 6.0 4.5 6.7

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





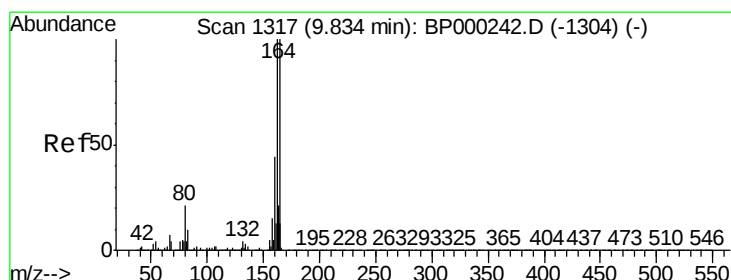
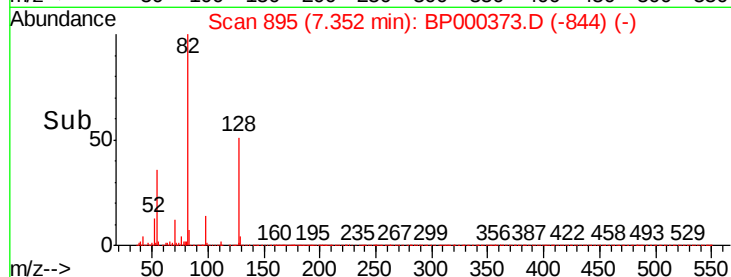
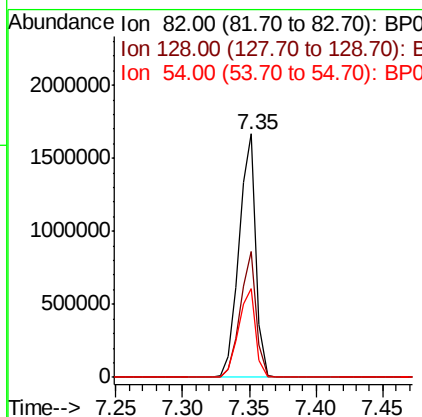
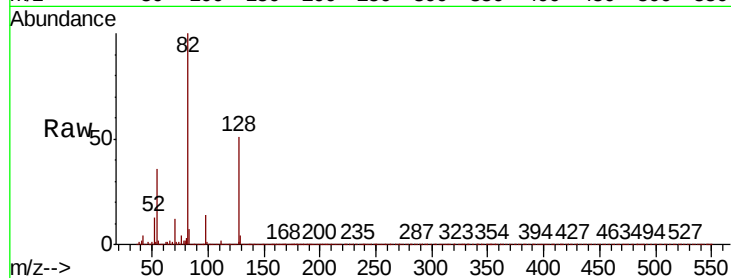
#23
Nitrobenzene-d5
Concen: 105.357 ng
RT: 7.35 min Scan# 895
Delta R.T. 0.00 min
Lab File: BP000373.D
Acq: 23 Sep 2019 20:17

Instrument :
BNA_P
ClientSampleId :
WC-12-091919

Tot Ion	Ratio	Lower	Upper
82	100		
128	51.4	40.7	61.1
54	36.4	30.1	45.1

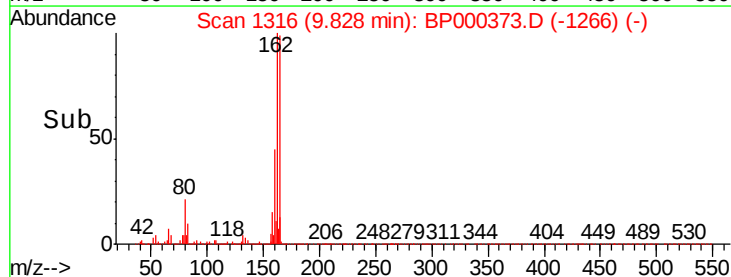
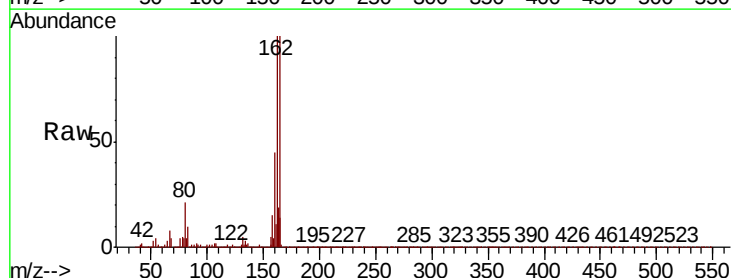
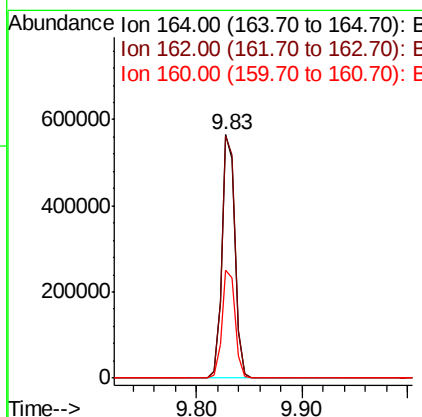
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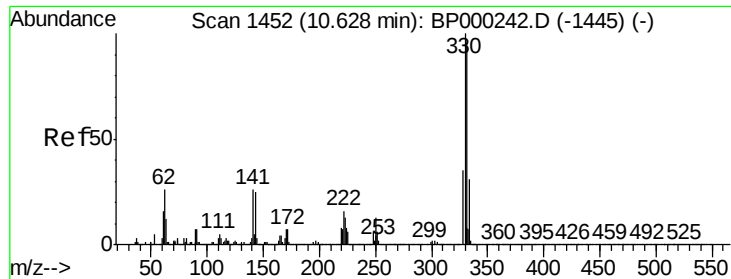
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BP000373.D
Acq: 23 Sep 2019 20:17

Tgt Ion	Ratio	Lower	Upper
164	100		
162	99.7	79.9	119.9
160	44.6	35.6	53.4





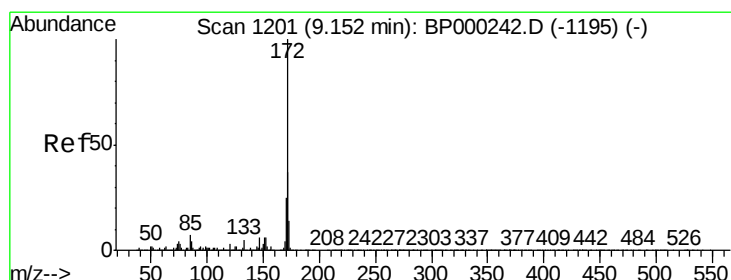
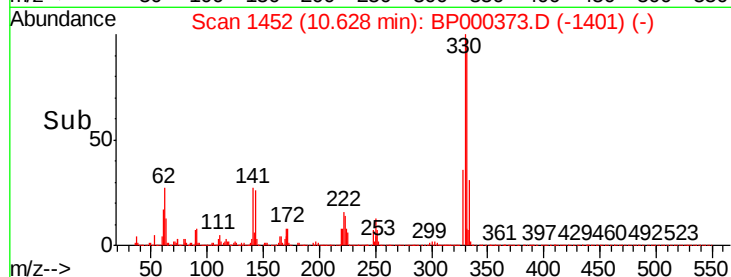
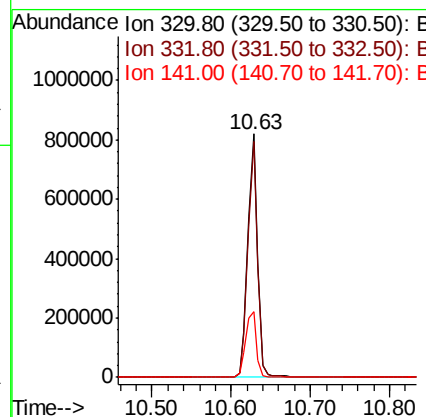
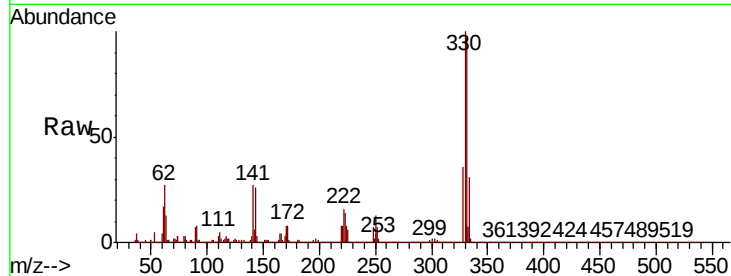
#42
2,4,6-Tribromophenol
Concen: 145.788 ng
RT: 10.63 min Scan# 1452
Delta R.T. 0.00 min
Lab File: BP000373.D
Acq: 23 Sep 2019 20:17

Instrument :
BNA_P
ClientSampled :
WC-12-091919

Tot Ion	Ratio	Resp	Lower	Upper
330	100	708768		
332	96.6	76.6	115.0	
141	29.6	26.5	39.7	

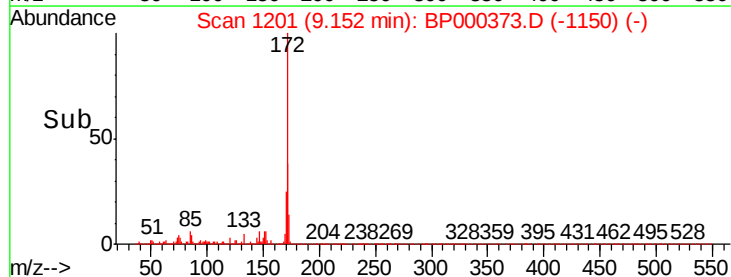
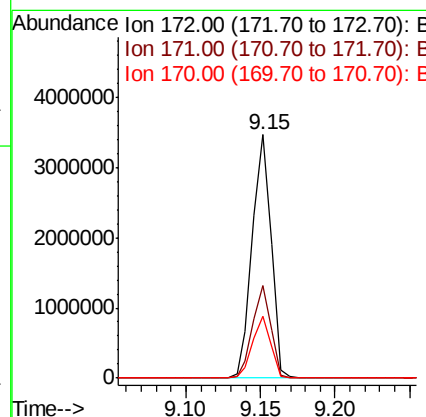
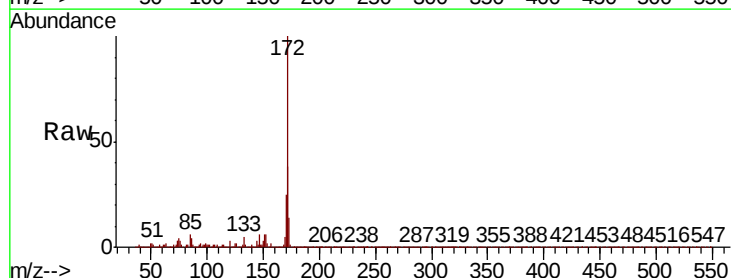
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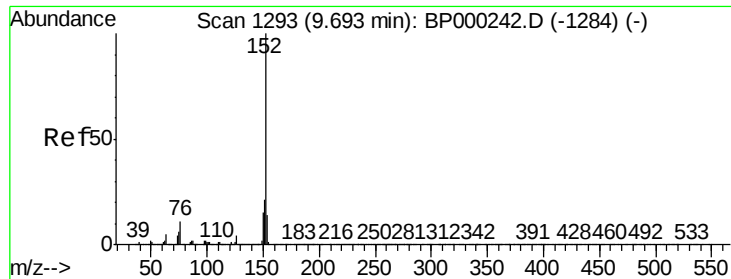
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#45
2-Fluorobiphenyl
Concen: 111.197 ng
RT: 9.15 min Scan# 1201
Delta R.T. 0.00 min
Lab File: BP000373.D
Acq: 23 Sep 2019 20:17

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	3028276		
171	37.9	29.8	44.6	
170	25.4	19.8	29.6	





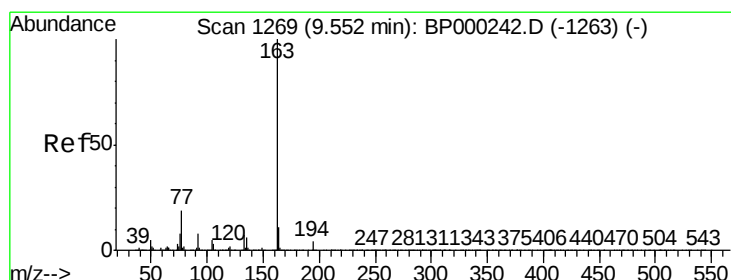
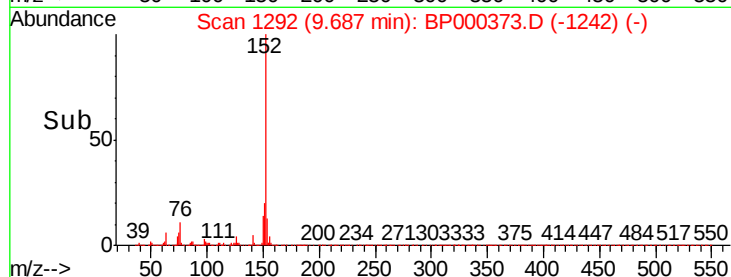
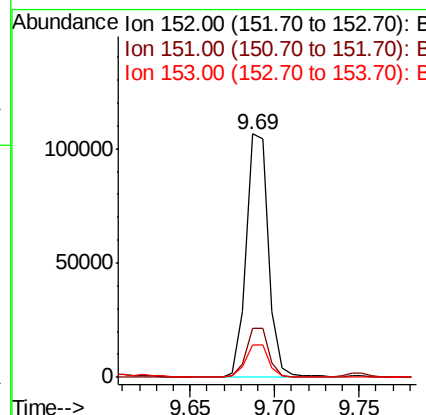
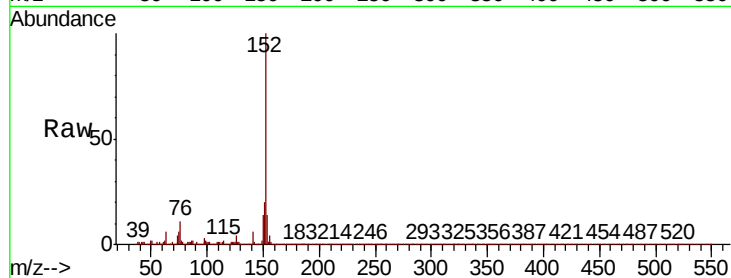
#49
Acenaphthylene
Concen: 2.290 ng
RT: 9.69 min Scan# 1292
Delta R.T. -0.01 min
Lab File: BP000373.D
Acq: 23 Sep 2019 20:17

Instrument :
BNA_P
ClientSampled :
WC-12-091919

Tot Ion:	152	Resp:	97904
Ion Ratio	Lower	Upper	
152	100		
151	20.4	16.4	24.6
153	13.6	11.0	16.4

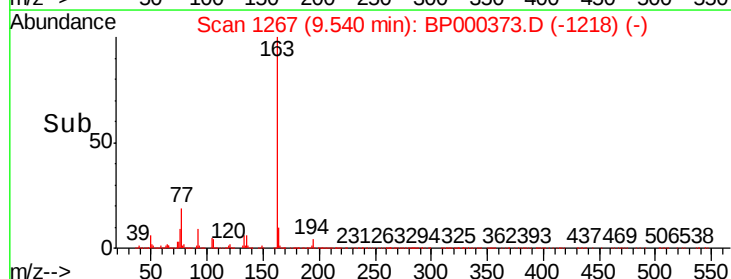
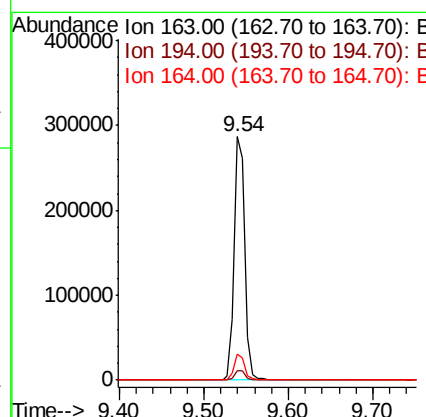
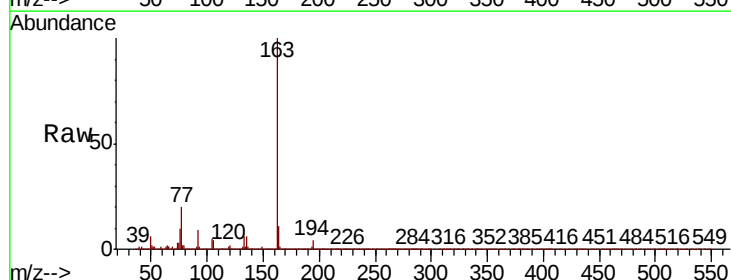
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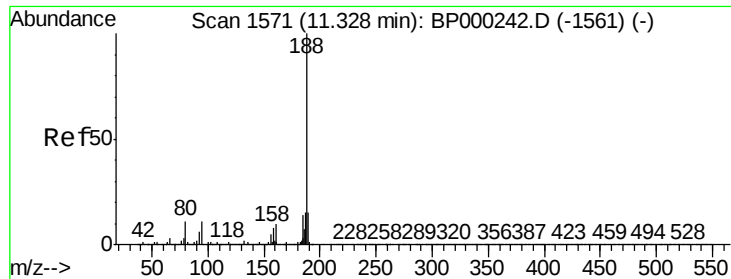
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#50
Dimethylphthalate
Concen: 7.282 ng
RT: 9.54 min Scan# 1267
Delta R.T. -0.01 min
Lab File: BP000373.D
Acq: 23 Sep 2019 20:17

Tgt Ion:	163	Resp:	243173
Ion Ratio	Lower	Upper	
163	100		
194	4.1	3.4	5.0
164	10.5	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: BP000373.D

Acq: 23 Sep 2019 20:17

Instrument :

BNA_P

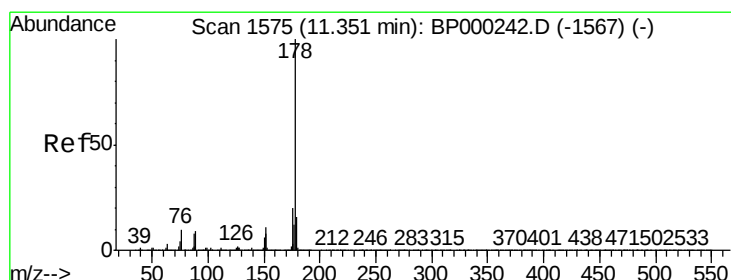
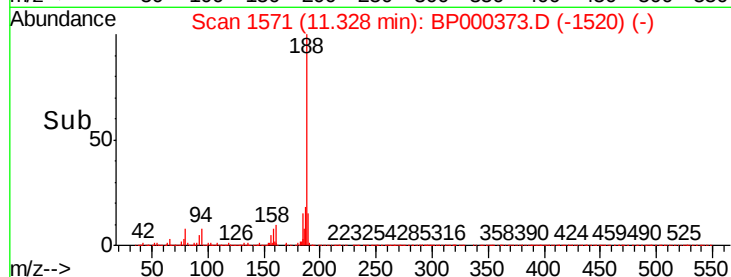
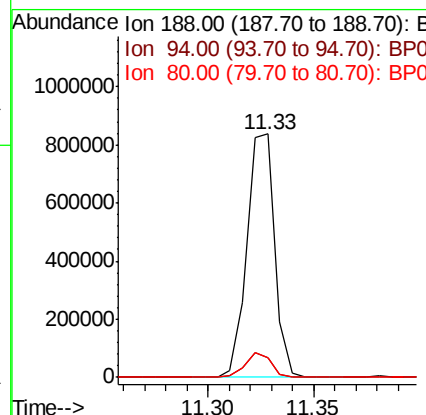
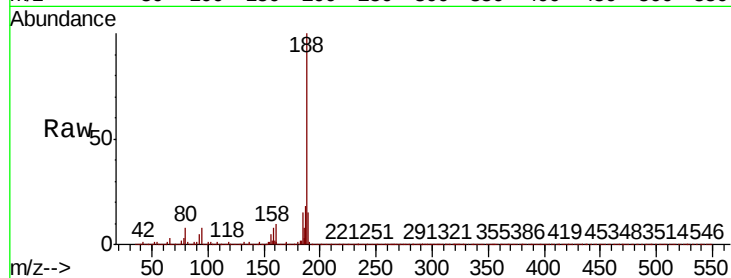
ClientSampled :

WC-12-091919

Tot Ion:	188	Resp:	760889
Ion Ratio	Lower	Upper	
188	100		
94	7.8	8.5	12.7#
80	8.3	8.6	13.0#

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#71

Phenanthrene

Concen: 9.542 ng

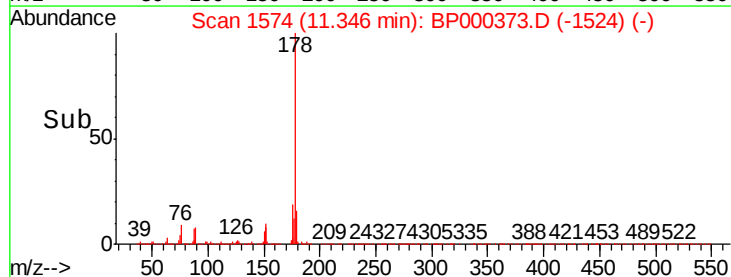
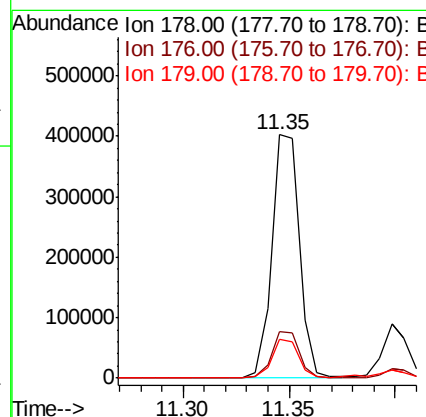
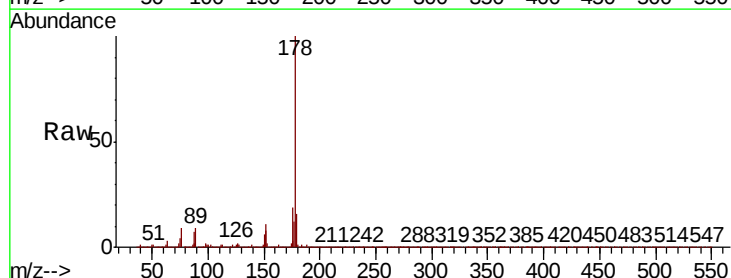
RT: 11.35 min Scan# 1574

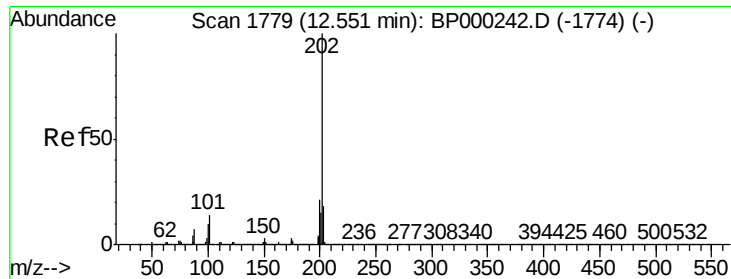
Delta R.T. -0.01 min

Lab File: BP000373.D

Acq: 23 Sep 2019 20:17

Tgt Ion:	178	Resp:	363846
Ion Ratio	Lower	Upper	
178	100		
176	19.2	15.8	23.8
179	16.0	12.7	19.1





#75

Fluoranthene

Concen: 12.253 ng

RT: 12.55 min Scan# 1779

Delta R.T. 0.00 min

Lab File: BP000373.D

Acq: 23 Sep 2019 20:17

Instrument :

BNA_P

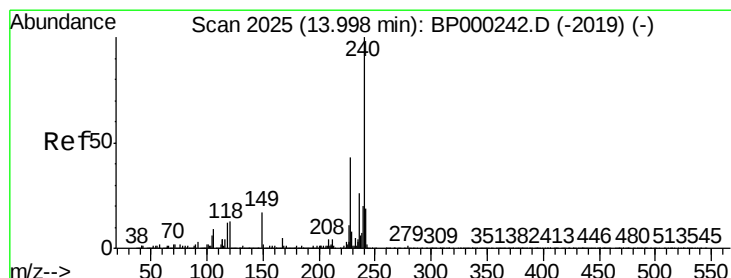
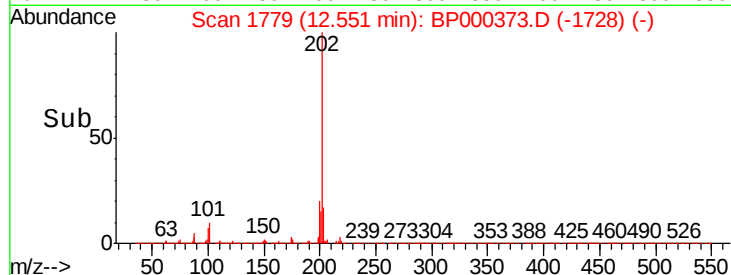
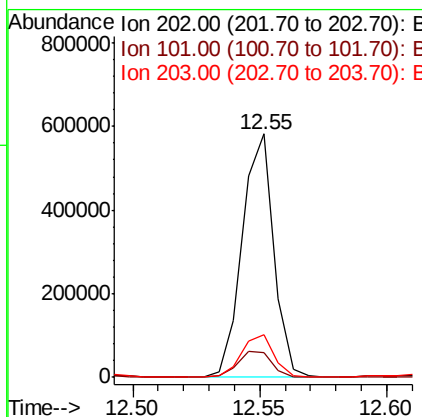
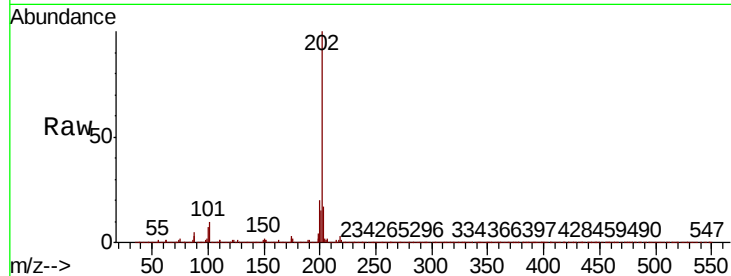
ClientSampleId :

WC-12-091919

Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100		501687		
101	10.0	0.0	33.9		
203	17.4	0.0	38.0		

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#76

Chrysene-d12

Concen: 20.000 ng

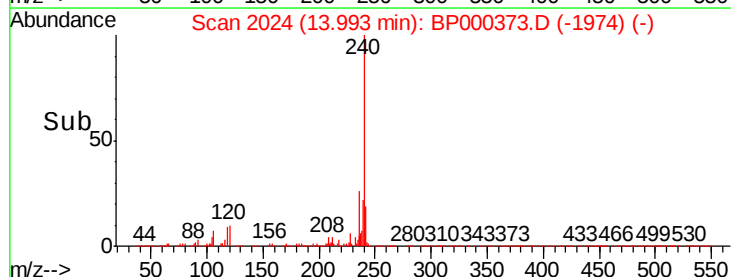
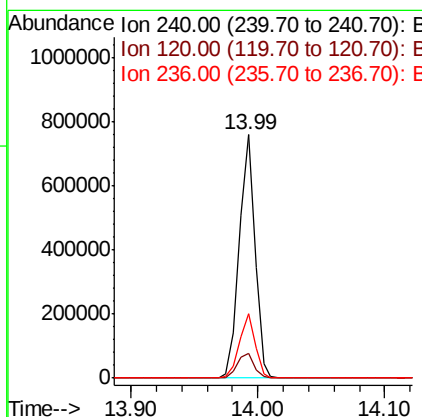
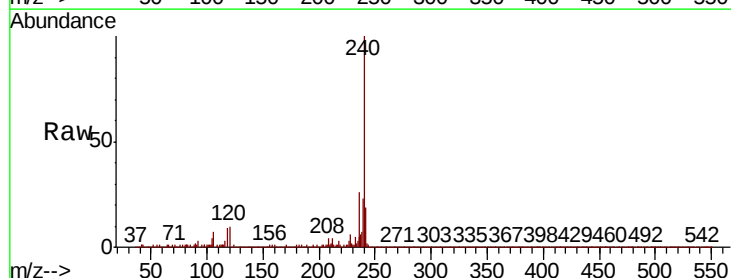
RT: 13.99 min Scan# 2024

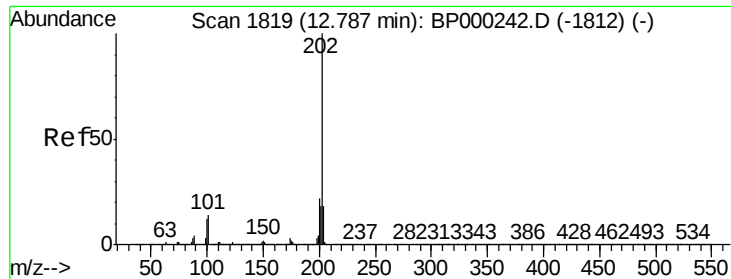
Delta R.T. -0.01 min

Lab File: BP000373.D

Acq: 23 Sep 2019 20:17

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
240	100		645762		
120	10.3	10.4	15.6#		
236	26.3	21.0	31.6		





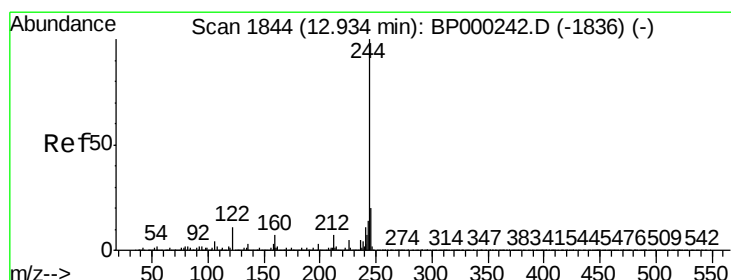
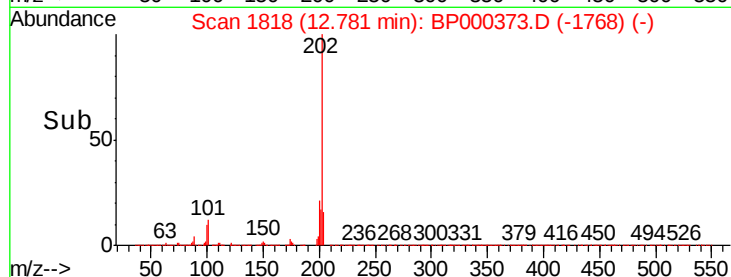
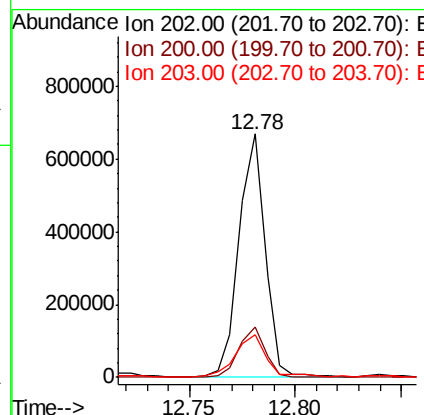
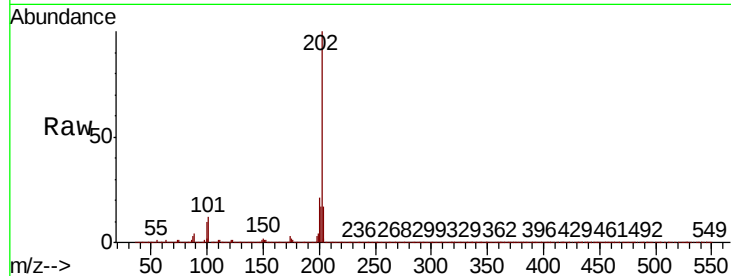
#78
Pvrene
Concen: 11.820 ng
RT: 12.78 min Scan# 1818
Delta R.T. -0.01 min
Lab File: BP000373.D
Acq: 23 Sep 2019 20:17

Instrument :
BNA_P
ClientSampleId :
WC-12-091919

Tot Ion	Ratio	Lower	Upper
202	100		
200	20.7	17.5	26.3
203	17.4	14.3	21.5

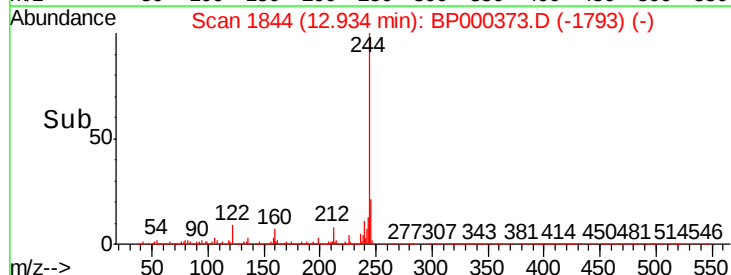
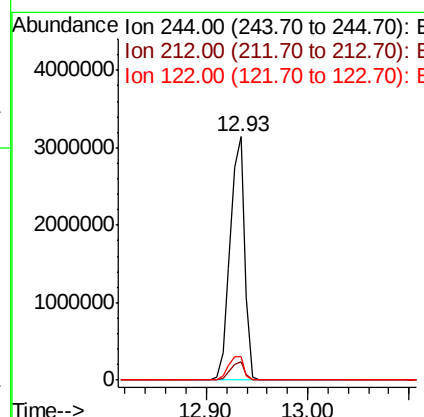
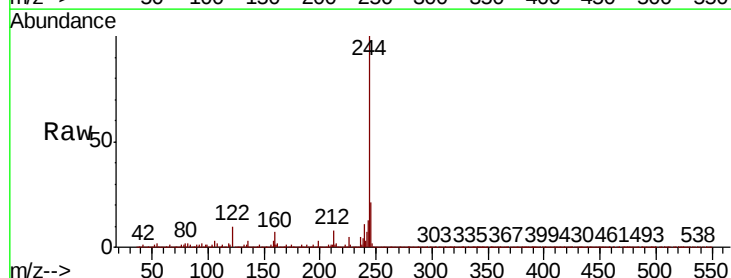
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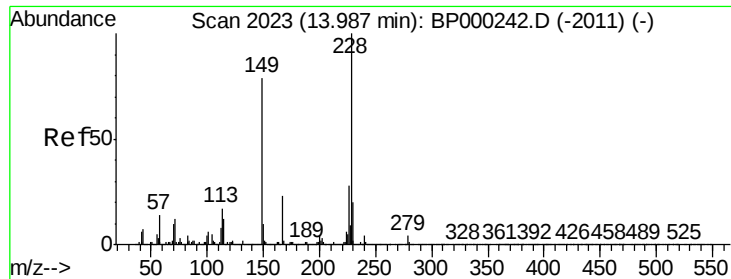
mohammad
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#79
Terphenyl-d14
Concen: 101.734 ng
RT: 12.93 min Scan# 1844
Delta R.T. 0.00 min
Lab File: BP000373.D
Acq: 23 Sep 2019 20:17

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.6	5.9	8.9
122	9.5	9.0	13.4





#81

Benzo(a)anthracene

Concen: 5.530 ng/mL

RT: 13.98 min Scan# 2022

Delta R.T. -0.01 min

Lab File: BP000373.D

Acq: 23 Sep 2019 20:17

Instrument :

BNA_P

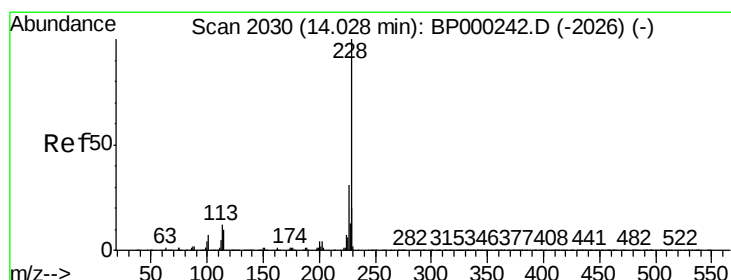
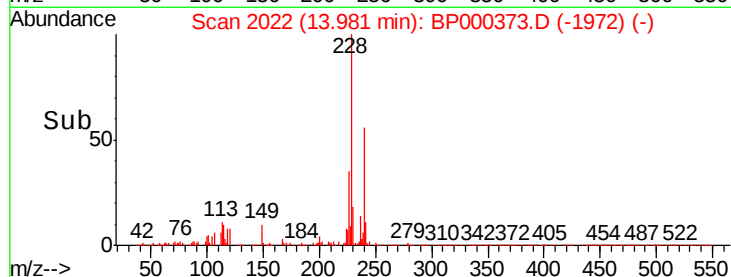
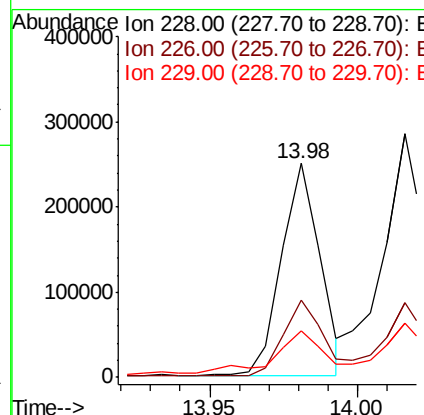
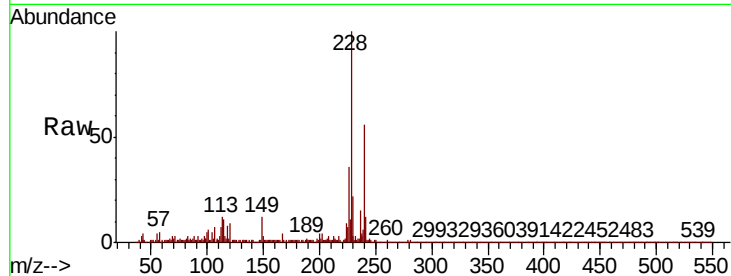
ClientSampleId :

WC-12-091919

Tot Ion:	228	Resp:	225569
Ion Ratio	Lower	Upper	
228	100		
226	36.1	22.2	33.4#
229	21.8	16.0	24.0

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#83

Chrysene

Concen: 6.455 ng/mL

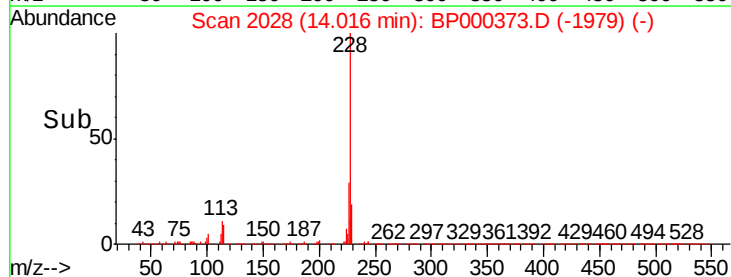
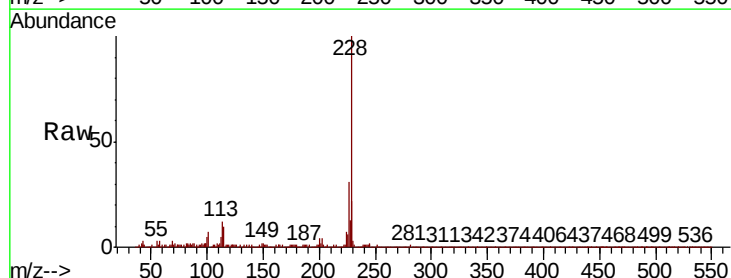
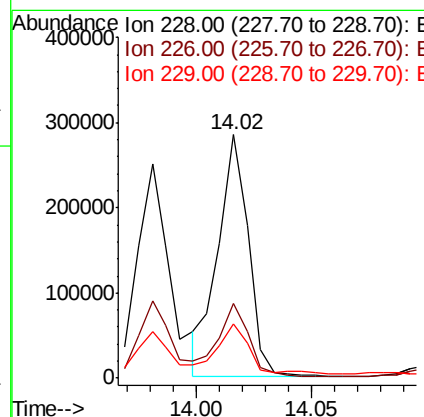
RT: 14.02 min Scan# 2028

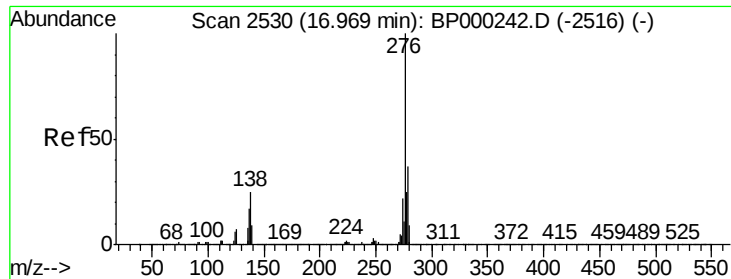
Delta R.T. -0.01 min

Lab File: BP000373.D

Acq: 23 Sep 2019 20:17

Tgt Ion:	228	Resp:	258548
Ion Ratio	Lower	Upper	
228	100		
226	30.7	24.9	37.3
229	22.4	16.2	24.2





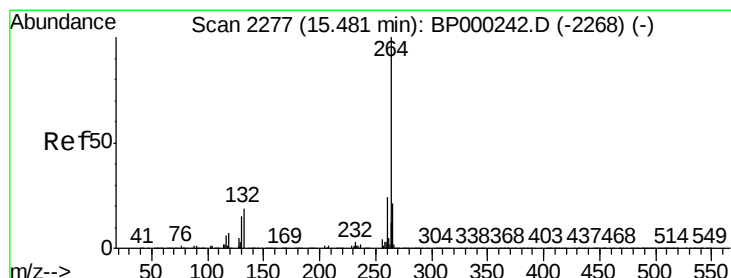
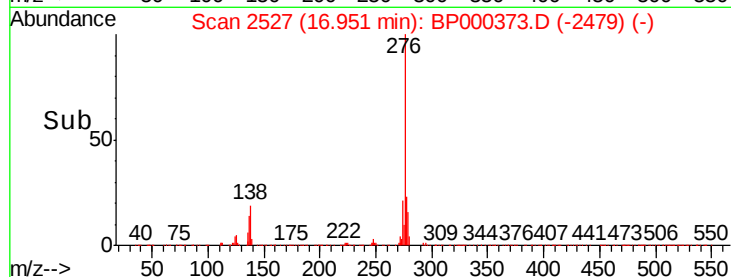
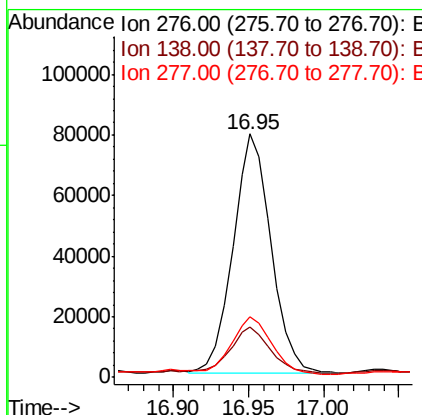
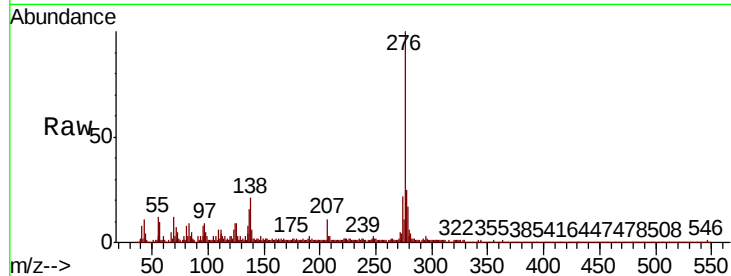
#86
Indeno(1,2,3-cd)pyrene
Concen: 2.869 ng
RT: 16.95 min Scan# 2527
Delta R.T. -0.02 min
Lab File: BP000373.D
Acq: 23 Sep 2019 20:17

Instrument :
BNA_P
ClientSampled :
WC-12-091919

Tot Ion	Ratio	Lower	Upper
276	100		
138	4.7	22.6	33.8#
277	5.0	20.4	30.6#

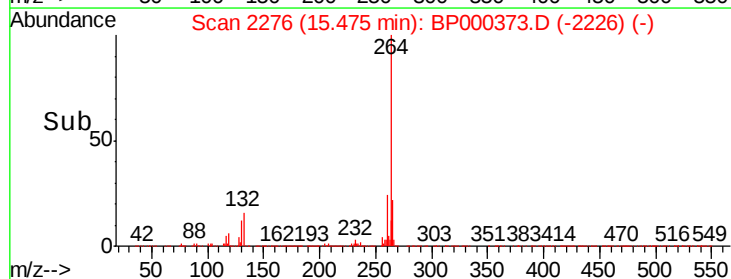
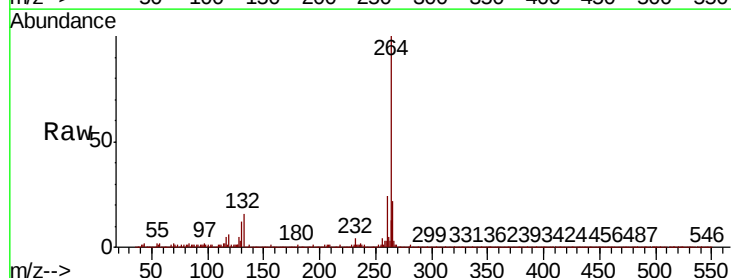
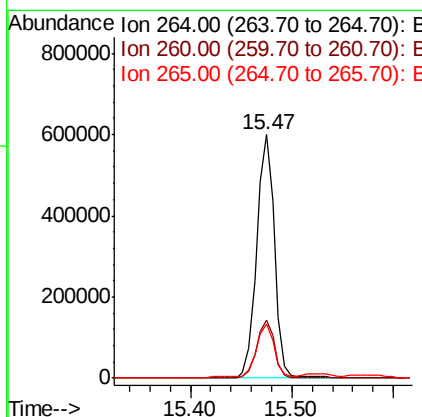
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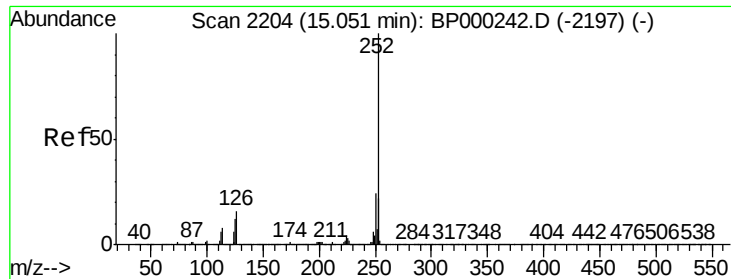
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#87
Perylene-d12
Concen: 20.000 ng
RT: 15.47 min Scan# 2276
Delta R.T. -0.01 min
Lab File: BP000373.D
Acq: 23 Sep 2019 20:17

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.9	28.3
265	22.1	17.2	25.8





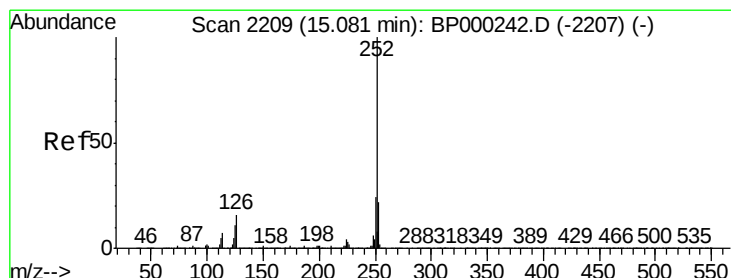
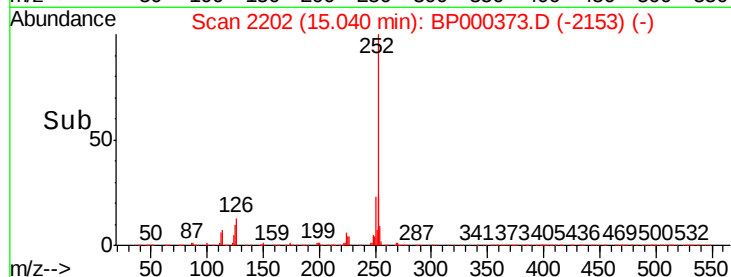
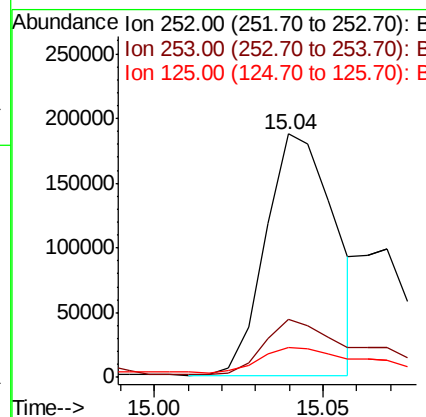
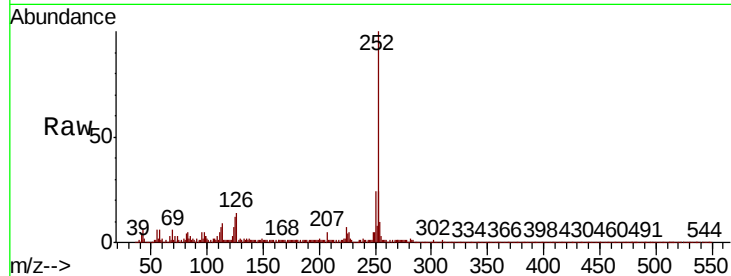
#88
Benzo(b)fluoranthene
Concen: 6.197 ng m
RT: 15.04 min Scan# 2202
Delta R.T. -0.01 min
Lab File: BP000373.D
Acq: 23 Sep 2019 20:17

Instrument :
BNA_P
ClientSampled :
WC-12-091919

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.9	17.8	26.6
125	12.3	9.5	14.3

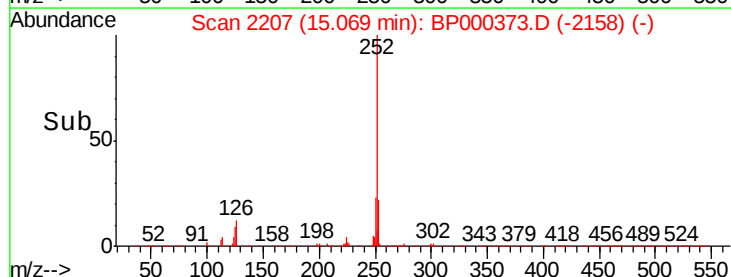
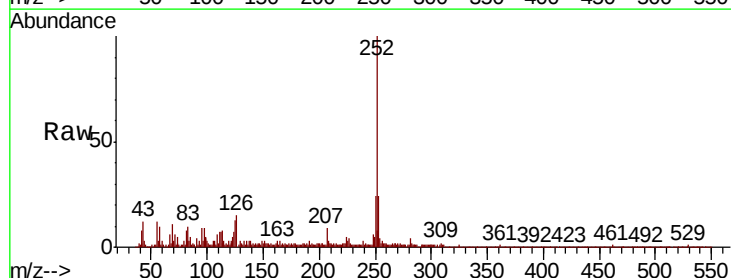
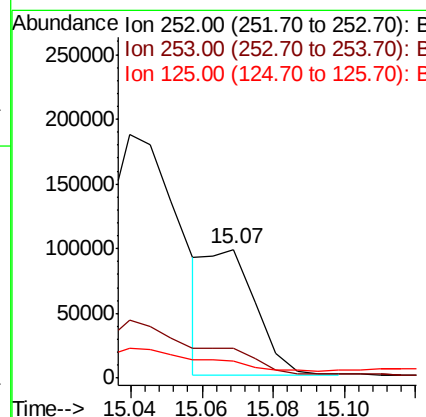
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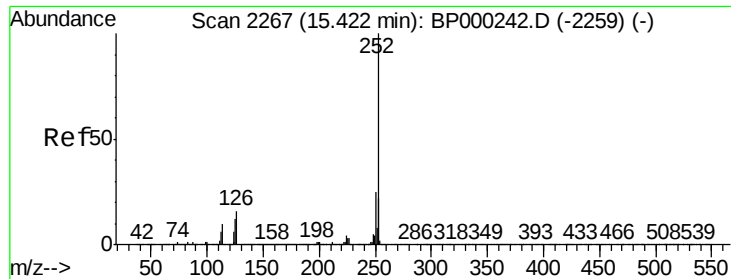
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#89
Benzo(k)fluoranthene
Concen: 2.489 ng m
RT: 15.07 min Scan# 2207
Delta R.T. -0.01 min
Lab File: BP000373.D
Acq: 23 Sep 2019 20:17

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.7	17.8	26.8
125	13.5	9.6	14.4





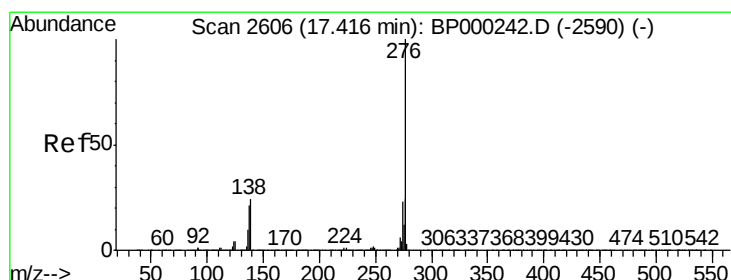
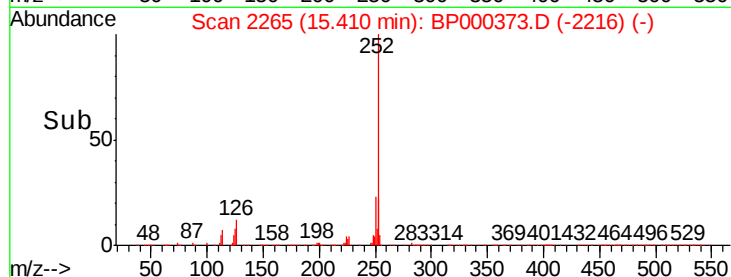
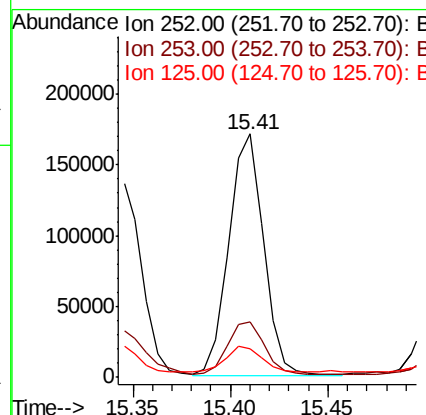
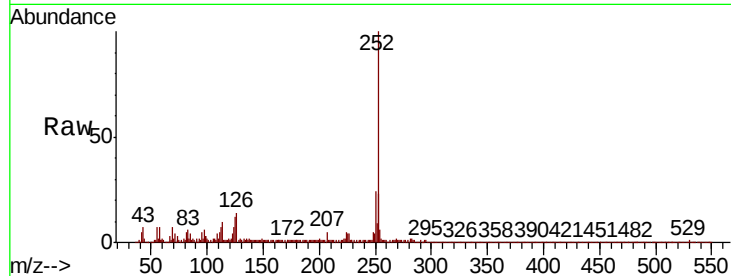
#90
Benzo(a)pyrene
Concen: 5.365 ng
RT: 15.41 min Scan# 2265
Delta R.T. -0.01 min
Lab File: BP000373.D
Acq: 23 Sep 2019 20:17

Instrument :
BNA_P
ClientSampleId :
WC-12-091919

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.7	26.5
125	11.9	10.0	15.0

Manual Integrations
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#92
Benzo(g,h,i)perylene
Concen: 3.959 ng
RT: 17.40 min Scan# 2603
Delta R.T. -0.02 min
Lab File: BP000373.D
Acq: 23 Sep 2019 20:17

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.8	19.1	28.7
138	20.6	19.5	29.3

