

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP120619\
 Data File : BP001244.D
 Acq On : 06 Dec 2019 22:21
 Operator : JU
 Sample : K6147-04 2X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 P001-WC004

Manual Integrations
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Quant Time: Dec 07 03:02:35 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP112719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 05 12:34:47 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.31	152	81626	20.00	ng	0.00
21) Naphthalene-d8	10.35	136	303653	20.00	ng	0.00
39) Acenaphthene-d10	13.20	164	171085	20.00	ng	0.00
64) Phenanthrene-d10	15.60	188	320385	20.00	ng	0.00
76) Chrysene-d12	19.25	240	253033	20.00	ng	-0.01
87) Perylene-d12	21.02	264	257274	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.21	112	201631	40.98	ng	0.00
7) Phenol-d6	7.75	99	275551	42.04	ng	-0.01
23) Nitrobenzene-d5	9.19	82	186878	26.70	ng	-0.01
42) 2,4,6-Tribromophenol	14.49	330	72120	43.98	ng	-0.01
45) 2-Fluorobiphenyl	12.12	172	320166	27.39	ng	-0.01
79) Terphenyl-d14	17.88	244	356587	26.07	ng	-0.01
Target Compounds						
17) 2-Methylphenol	8.73	107	38336	8.210	ng	99
31) Naphthalene	10.37	128	155106	10.001	ng	99
37) 2-Methylnaphthalene	11.51	142	37847	3.576	ng	96
50) Dimethylphthalate	12.79	163	36742	2.871	ng	98
52) Acenaphthene	13.25	154	31730	3.332	ng	94
55) Dibenzofuran	13.54	168	44487	3.109	ng	98
58) Fluorene	14.10	166	36351	3.170	ng	99
71) Phenanthrene	15.63	178	174632	10.368	ng	99
72) Anthracene	15.72	178	48930	2.947	ng	98
75) Fluoranthene	17.35	202	113469	6.363	ng	99
78) Pyrene	17.65	202	91726	4.603	ng	# 95
81) Benzo(a)anthracene	19.23	228	44282	2.524	ng	# 91
83) Chrysene	19.27	228	44494	2.832	ng	# 85
84) Bis(2-ethylhexyl)phthalate	19.29	149	152630	12.060	ng	# 96
88) Benzo(b)fluoranthene	20.53	252	44101m	2.806	ng	
90) Benzo(a)pyrene	20.94	252	30384	2.099	ng	# 67

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

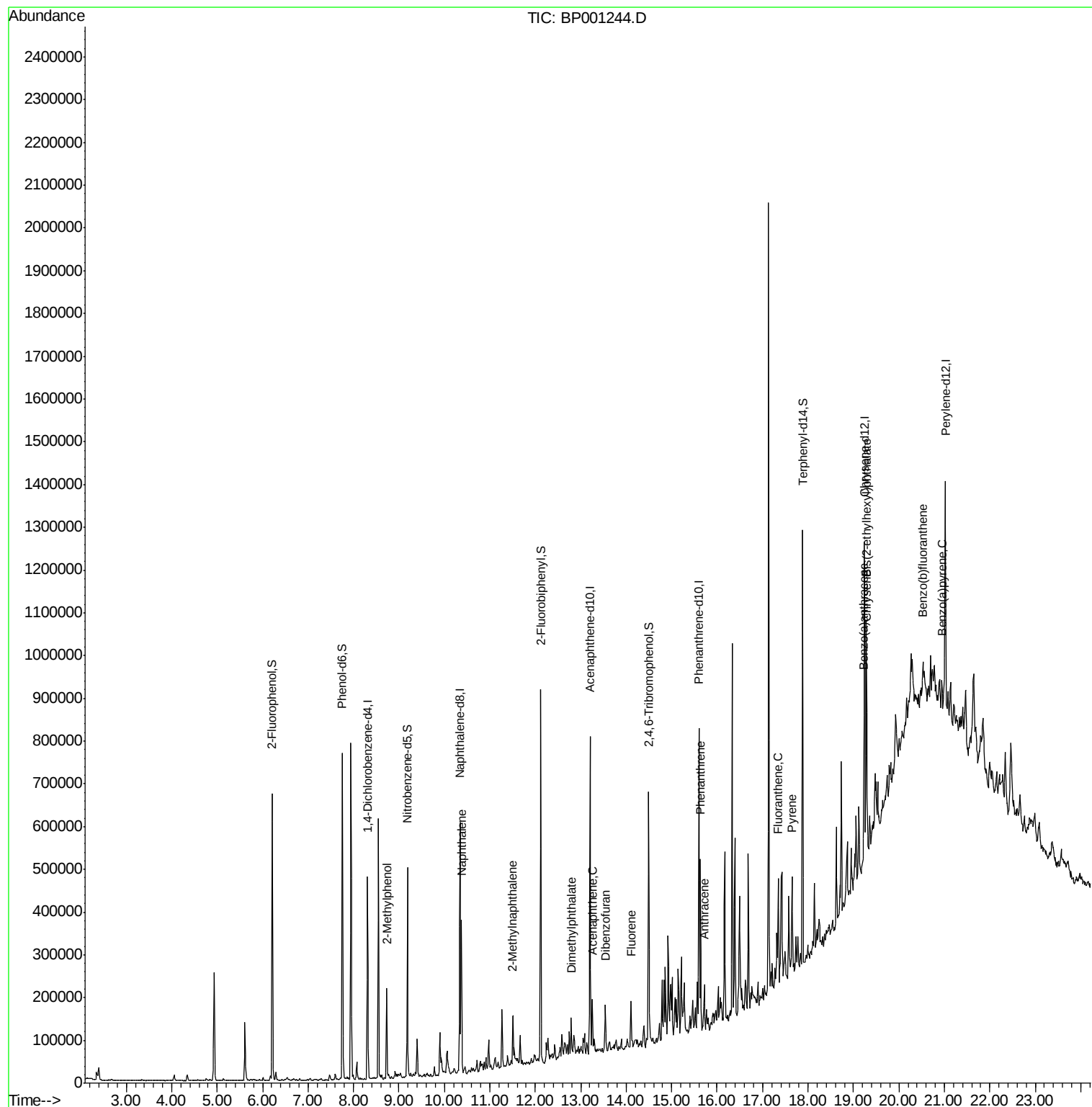
Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP120619\
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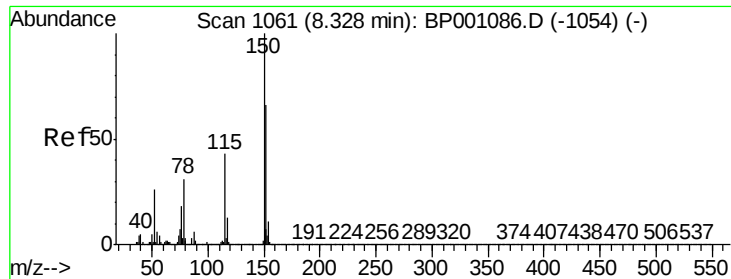
Instrument :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 05 12:34:47 2019
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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.31 min Scan# 1058

Delta R.T. -0.00 min

Lab File: BP001244.D

Acq: 06 Dec 2019 22:21

Instrument :

BNA_P

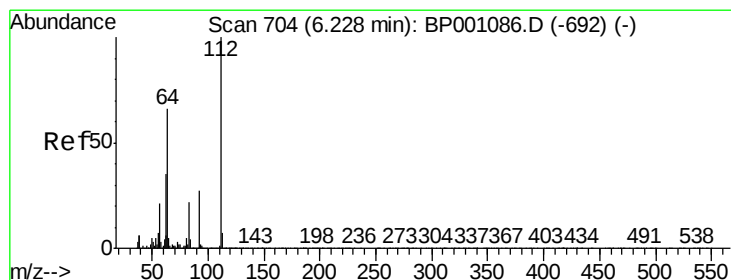
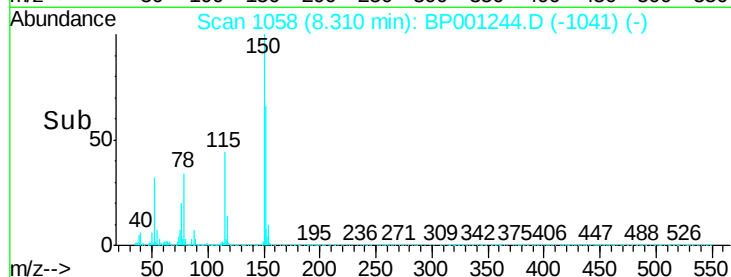
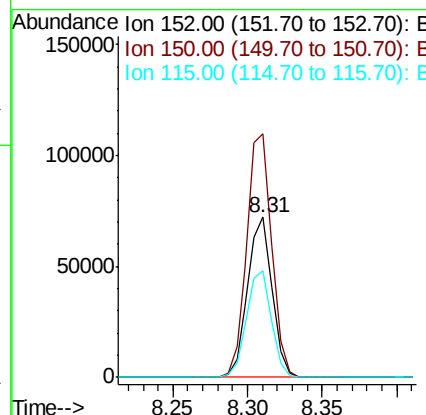
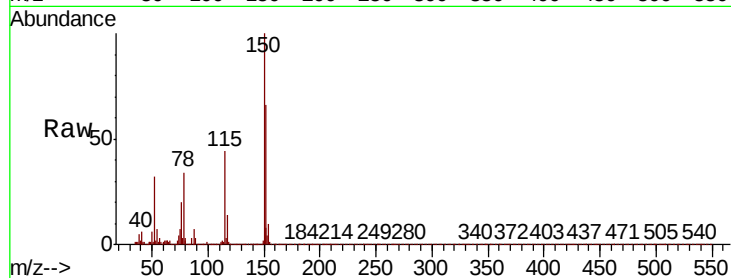
ClientSampleId :

P001-WC004

Tot Ion:	152	Resp:	81626
Ion Ratio	Lower	Upper	
152	100		
150	152.2	127.3	190.9
115	66.6	56.0	84.0

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#5

2-Fluorophenol

Concen: 40.982 ng

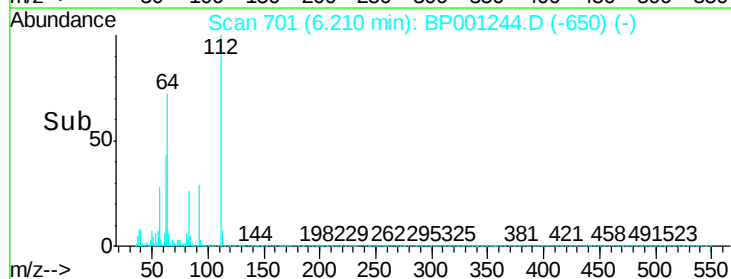
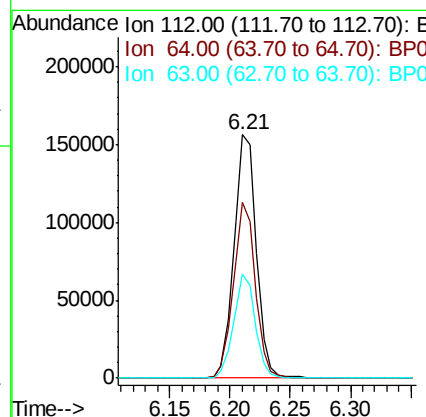
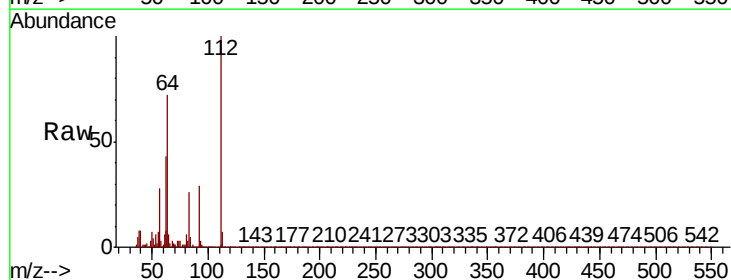
RT: 6.21 min Scan# 701

Delta R.T. -0.00 min

Lab File: BP001244.D

Acq: 06 Dec 2019 22:21

Tgt Ion:	112	Resp:	201631
Ion Ratio	Lower	Upper	
112	100		
64	72.3	56.8	85.2
63	43.0	32.2	48.2





#7

Phenol-d6

Concen: 42.039 ng

RT: 7.75 min Scan# 963

Delta R.T. -0.01 min

Lab File: BP001244.D

Acq: 06 Dec 2019 22:21

Instrument :

BNA_P

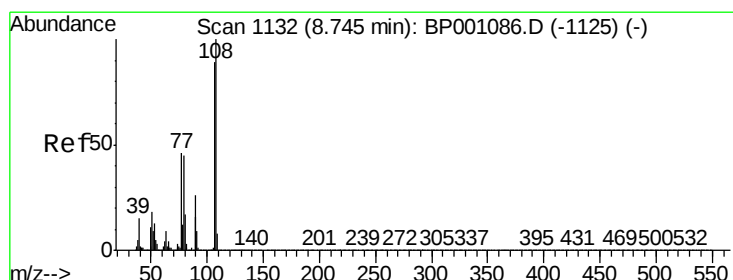
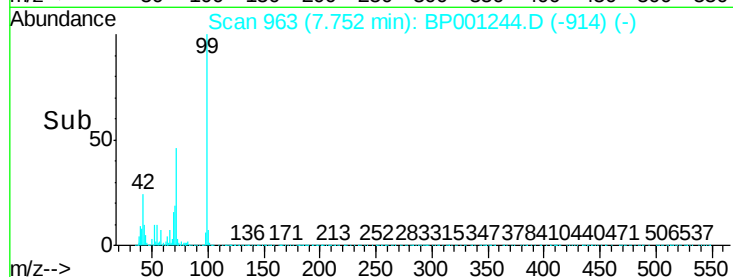
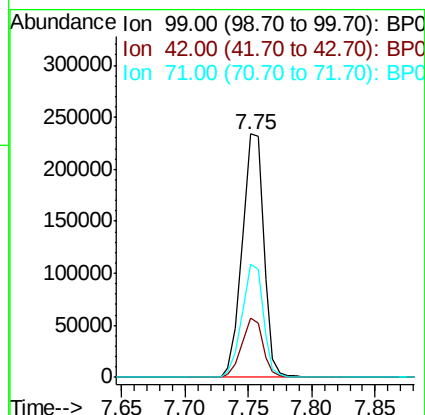
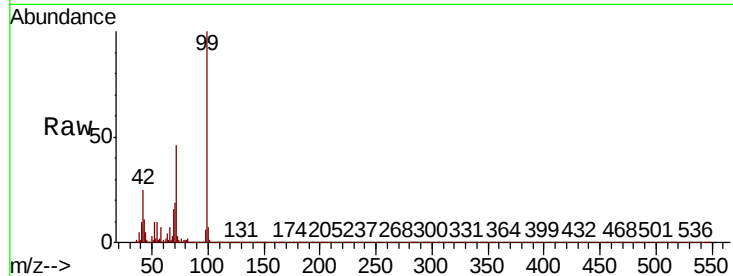
ClientSampleId :

P001-WC004

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		275551		
42	24.6	17.6	26.4		
71	46.2	33.8	50.8		

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#17

2-Methylphenol

Concen: 8.210 ng

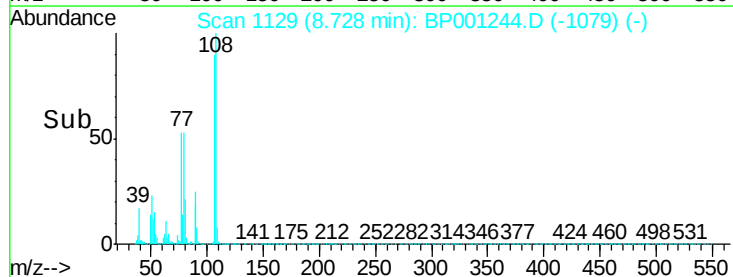
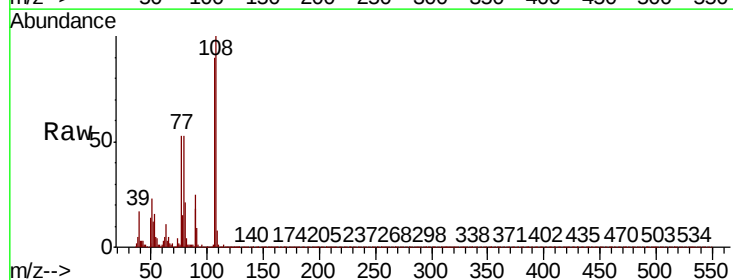
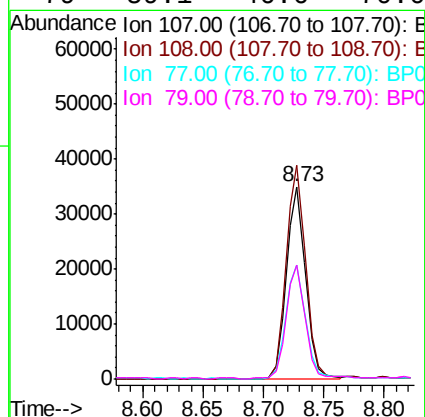
RT: 8.73 min Scan# 1129

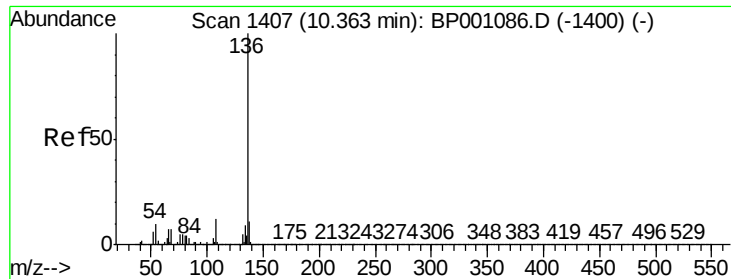
Delta R.T. -0.01 min

Lab File: BP001244.D

Acq: 06 Dec 2019 22:21

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		38336		
108	110.9	88.8	133.2		
77	59.0	46.3	69.5		
79	59.1	46.6	70.0		





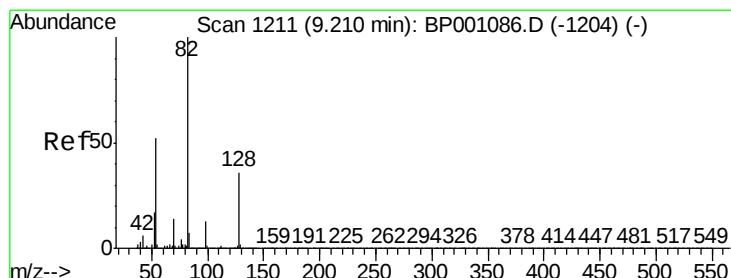
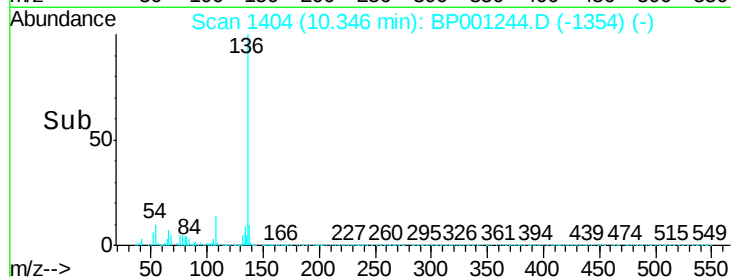
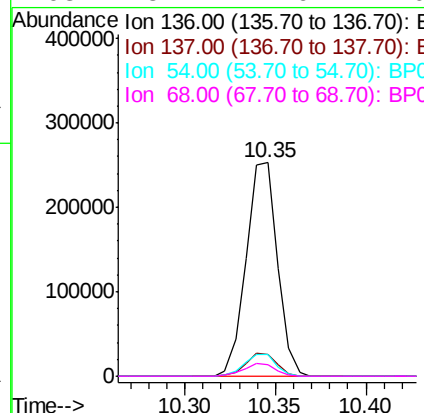
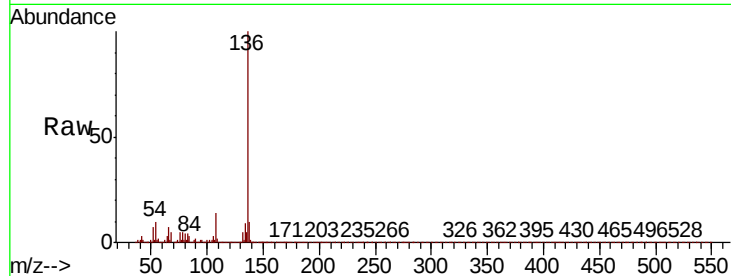
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.35 min Scan# 1404
Delta R.T. -0.01 min
Lab File: BP001244.D
Acq: 06 Dec 2019 22:21

Instrument :
BNA_P
ClientSampleId :
P001-WC004

Tot Ion	Ratio	Resp Lower	Upper
136	100		
137	10.4	8.4	12.6
54	10.0	7.4	11.0
68	5.4	4.6	7.0

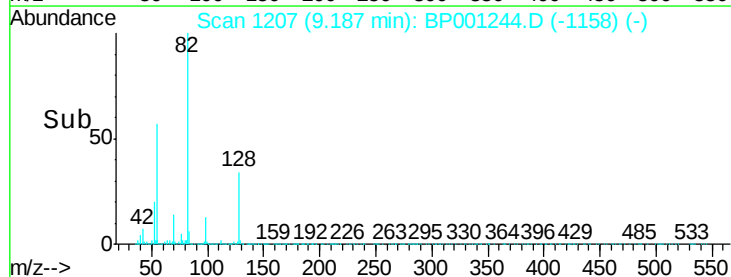
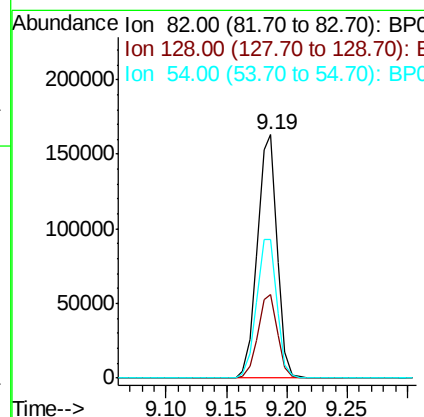
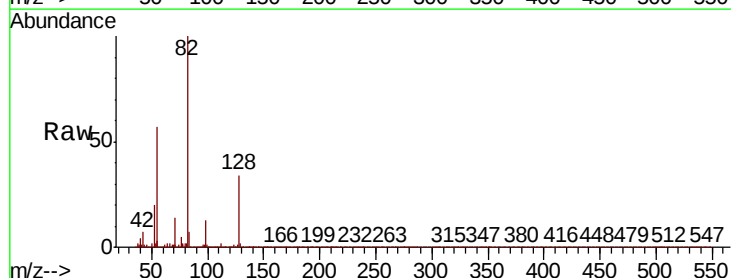
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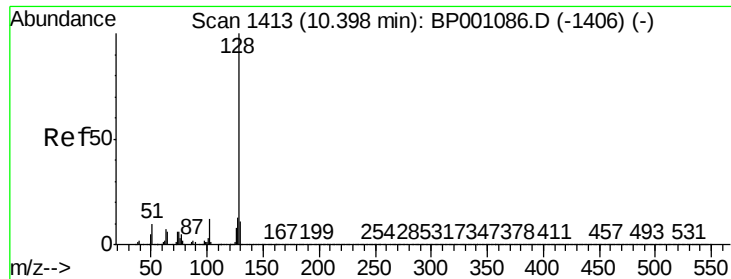
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#23
Nitrobenzene-d5
Concen: 26.701 ng
RT: 9.19 min Scan# 1207
Delta R.T. -0.01 min
Lab File: BP001244.D
Acq: 06 Dec 2019 22:21

Tgt Ion	Ratio	Resp Lower	Upper
82	100		
128	34.3	27.5	41.3
54	57.2	45.7	68.5





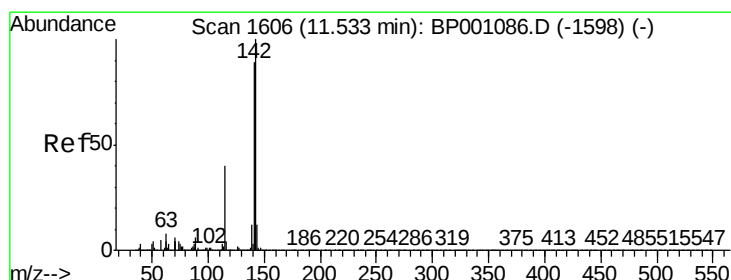
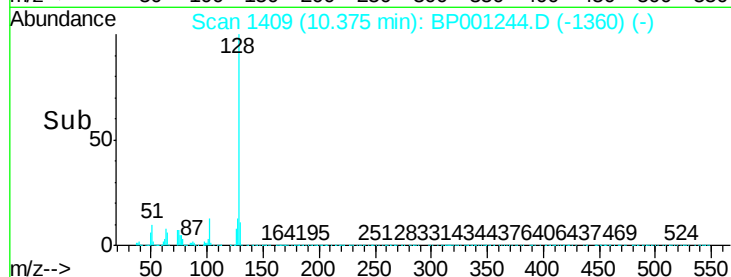
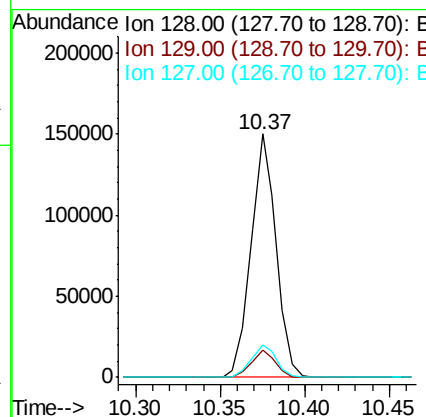
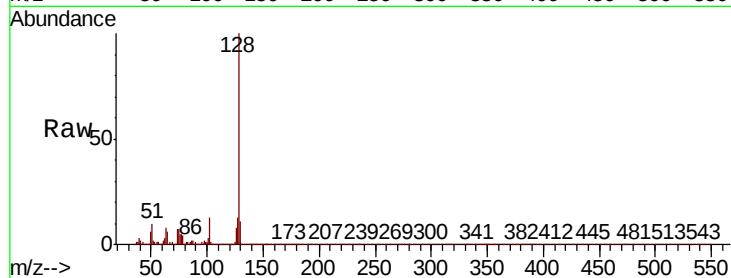
#31
Naphthalene
Concen: 10.001 ng
RT: 10.37 min Scan# 1409
Delta R.T. -0.01 min
Lab File: BP001244.D
Acq: 06 Dec 2019 22:21

Instrument :
BNA_P
ClientSampleId :
P001-WC004

Tot Ion	Ratio	Resp Lower	Resp Upper
128	100		
129	11.4	8.3	12.5
127	13.4	10.6	16.0

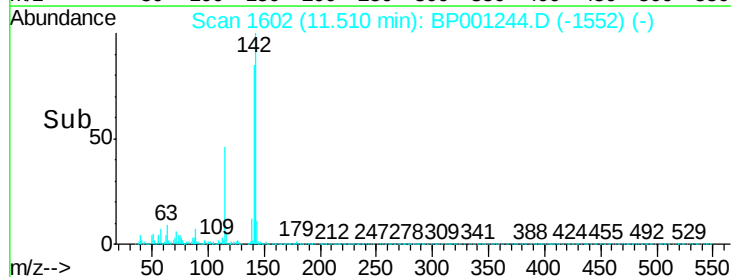
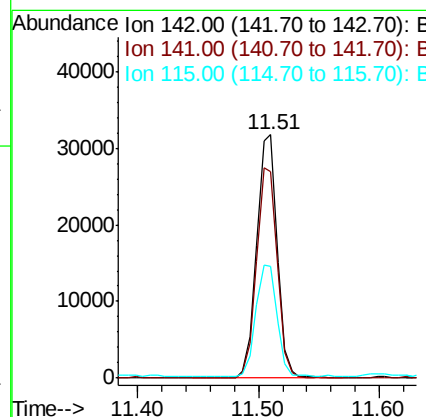
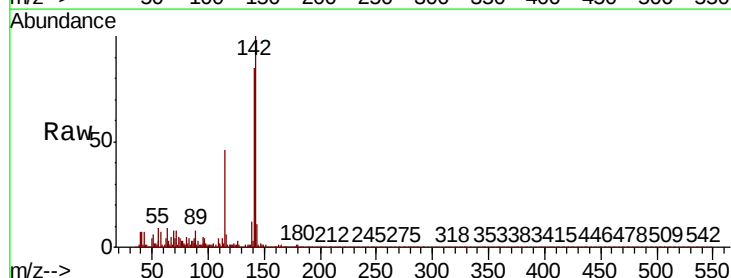
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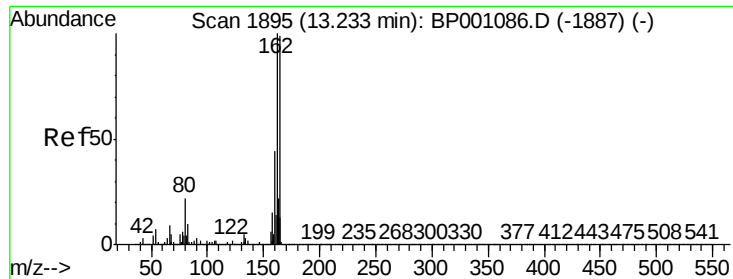
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#37
2-Methylnaphthalene
Concen: 3.576 ng
RT: 11.51 min Scan# 1602
Delta R.T. -0.01 min
Lab File: BP001244.D
Acq: 06 Dec 2019 22:21

Tgt Ion	Ratio	Resp Lower	Resp Upper
142	100		
141	85.0	71.6	107.4
115	46.0	36.0	54.0





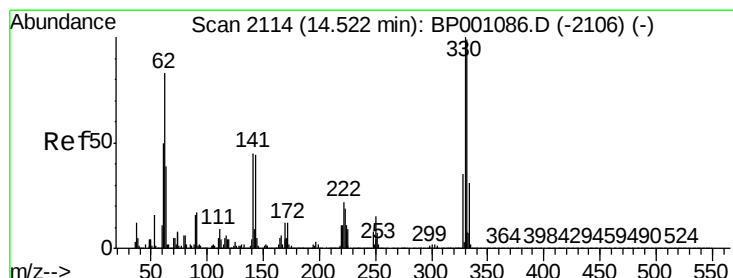
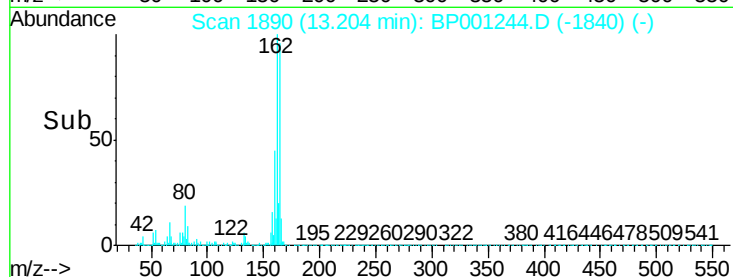
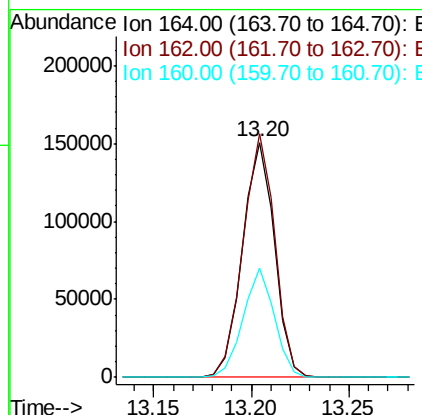
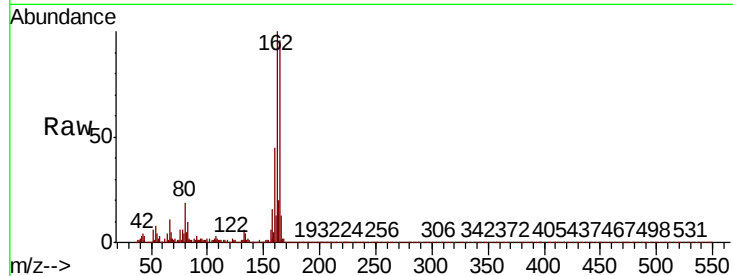
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 13.20 min Scan# 1890
Delta R.T. -0.01 min
Lab File: BP001244.D
Acq: 06 Dec 2019 22:21

Instrument :
BNA_P
ClientSampleId :
P001-WC004

Tot Ion	Ratio	Lower	Upper
164	100		
162	103.7	80.7	121.1
160	46.5	36.3	54.5

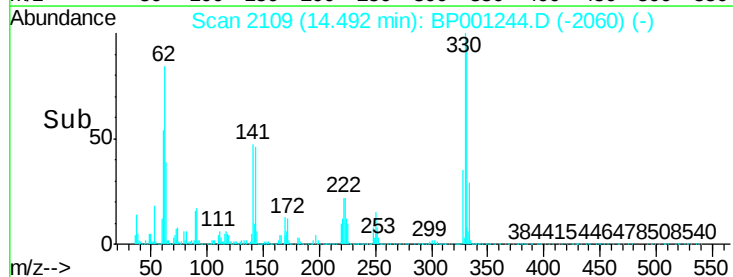
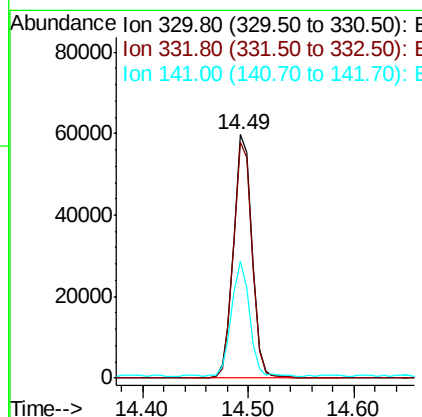
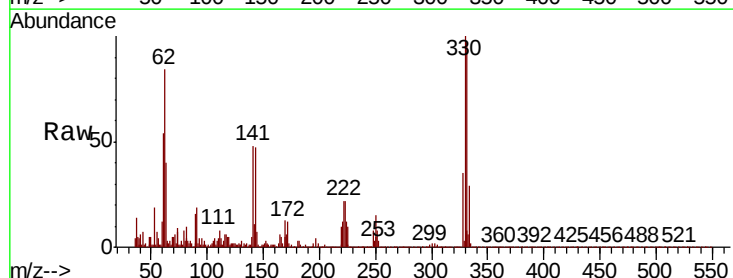
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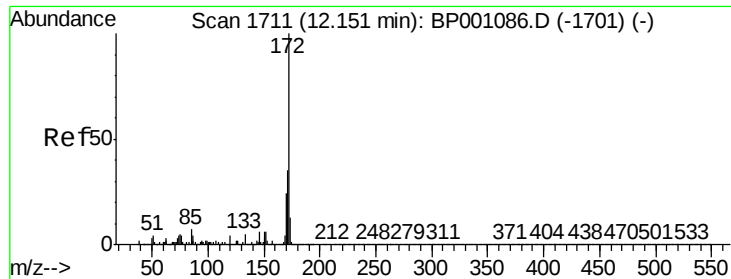
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#42
2,4,6-Tribromophenol
Concen: 43.980 ng
RT: 14.49 min Scan# 2109
Delta R.T. -0.01 min
Lab File: BP001244.D
Acq: 06 Dec 2019 22:21

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.8	79.1	118.7
141	46.7	35.9	53.9





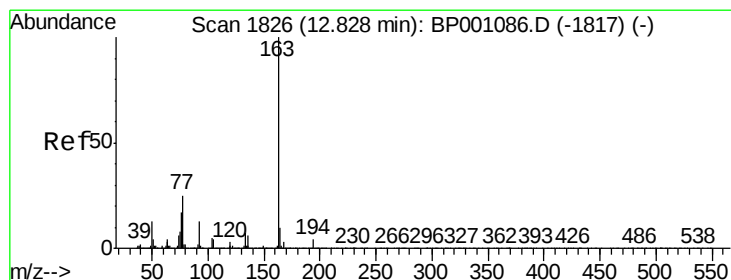
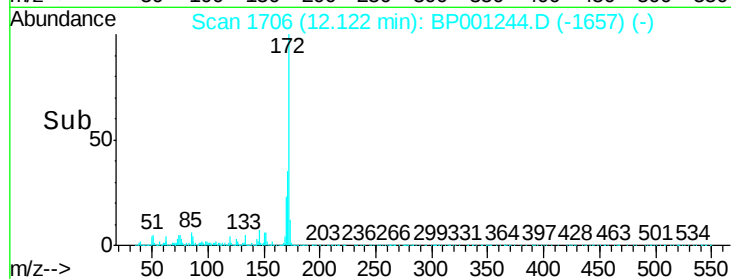
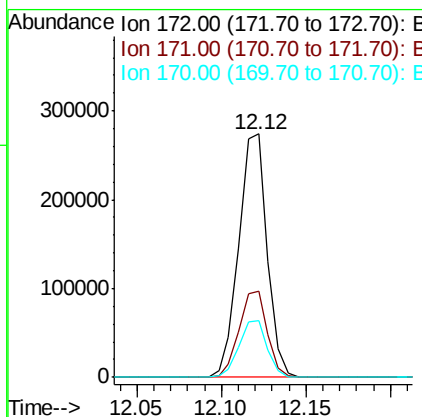
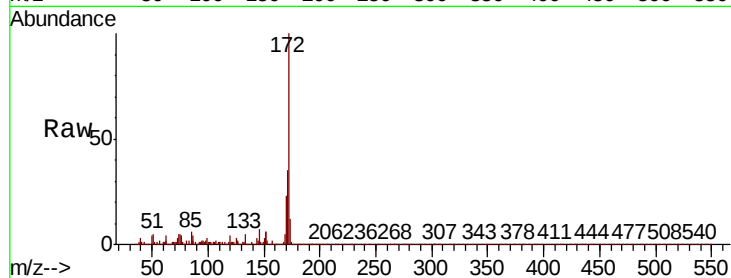
#45
2-Fluorobiphenyl
Concen: 27.389 ng
RT: 12.12 min Scan# 1706
Delta R.T. -0.01 min
Lab File: BP001244.D
Acq: 06 Dec 2019 22:21

Instrument :
BNA_P
ClientSampleId :
P001-WC004

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.2	28.7	43.1
170	23.2	19.2	28.8

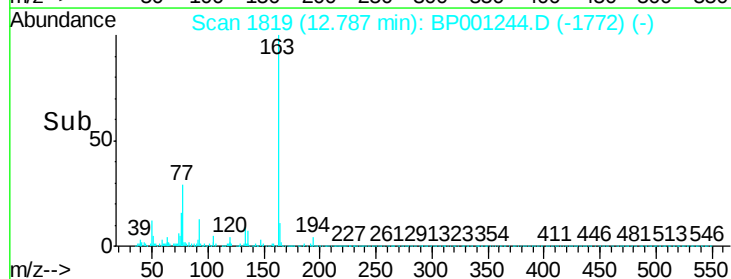
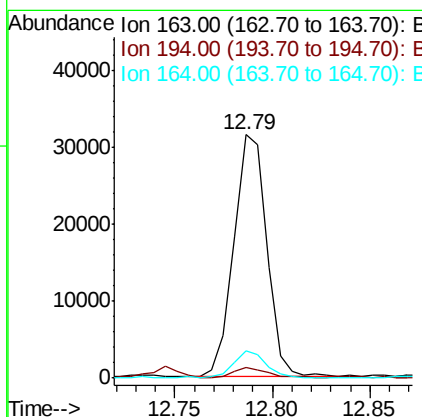
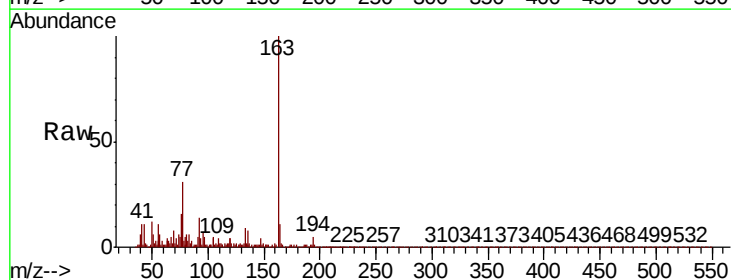
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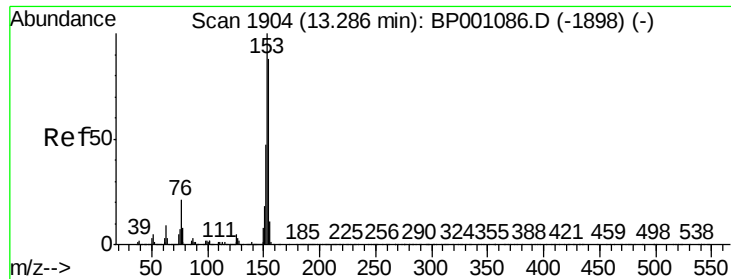
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#50
Dimethylphthalate
Concen: 2.871 ng
RT: 12.79 min Scan# 1819
Delta R.T. -0.02 min
Lab File: BP001244.D
Acq: 06 Dec 2019 22:21

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.6	3.1	4.7
164	11.0	8.2	12.4





#52

Acenaphthene

Concen: 3.332 ng

RT: 13.25 min Scan# 1898

Delta R.T. -0.02 min

Lab File: BP001244.D

Acq: 06 Dec 2019 22:21

Instrument :

BNA_P

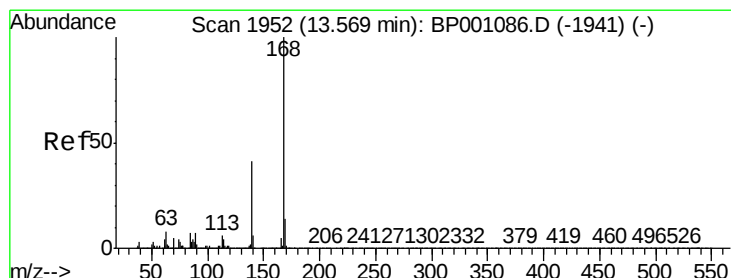
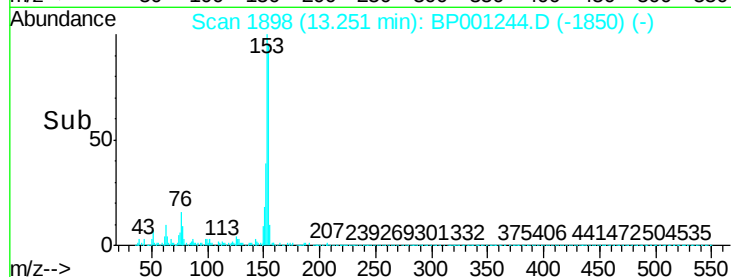
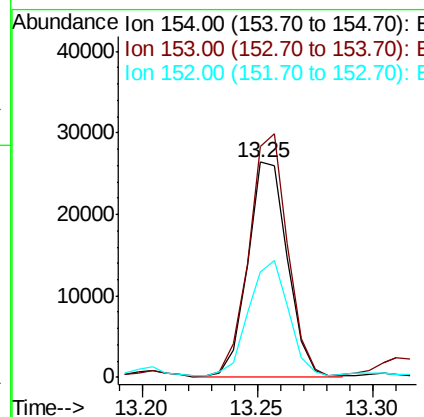
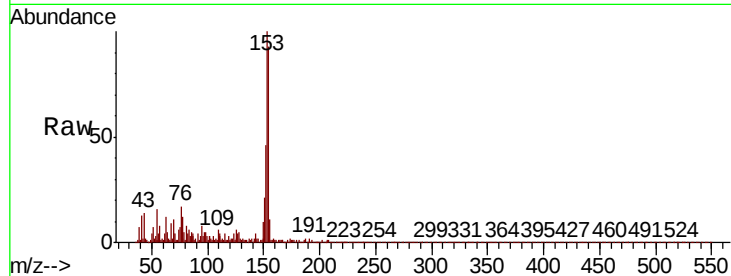
ClientSampleId :

P001-WC004

Tot Ion:	154	Resp:	31730
Ion Ratio	Lower	Upper	
154	100		
153	107.2	90.3	135.5
152	49.1	42.9	64.3

Manual Integrations
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#55

Dibenzofuran

Concen: 3.109 ng

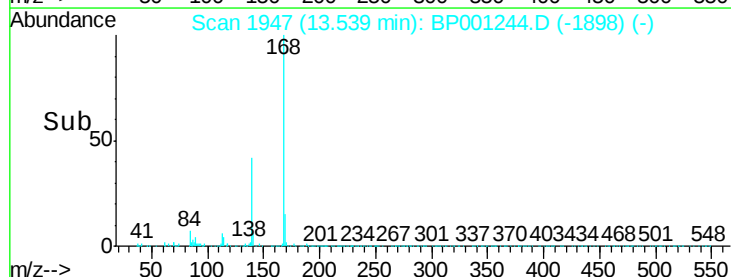
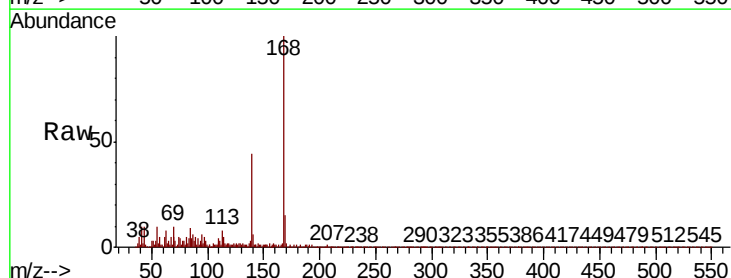
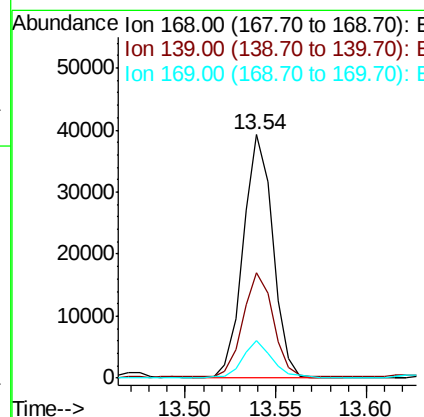
RT: 13.54 min Scan# 1947

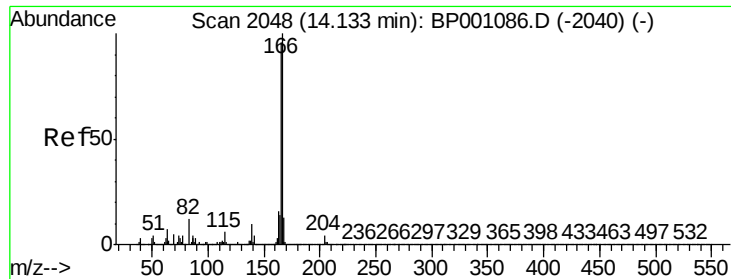
Delta R.T. -0.01 min

Lab File: BP001244.D

Acq: 06 Dec 2019 22:21

Tgt Ion:	168	Resp:	44487
Ion Ratio	Lower	Upper	
168	100		
139	43.5	34.5	51.7
169	15.2	10.8	16.2





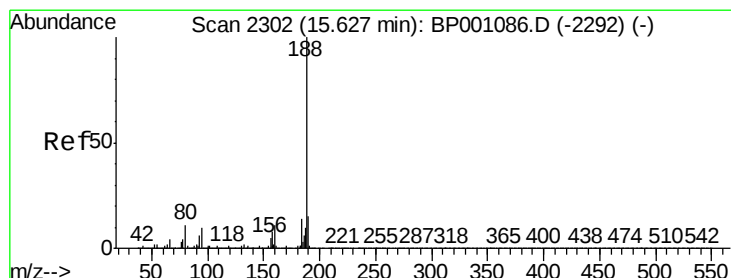
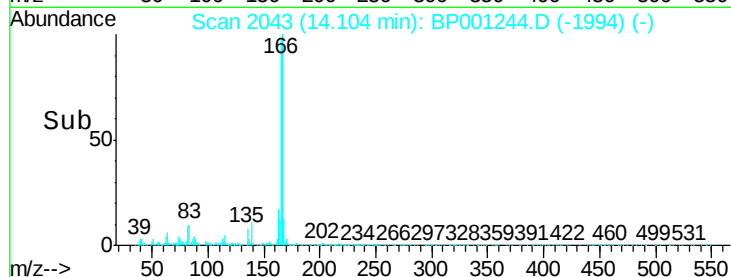
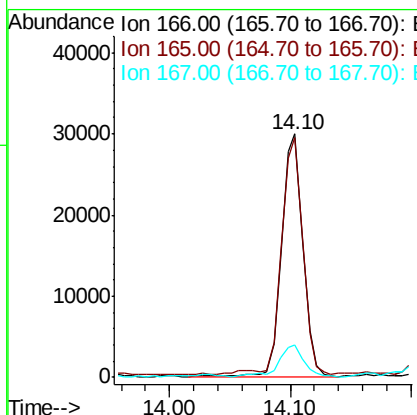
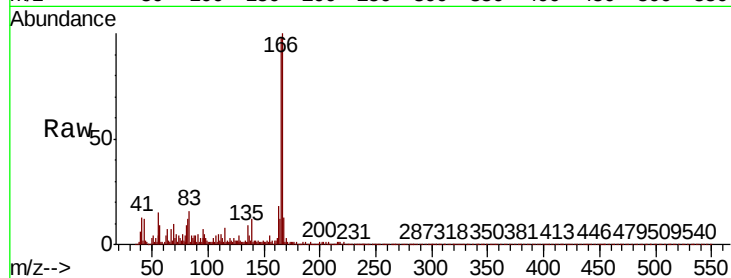
#58
 Fluorene
 Concen: 3.170 ng
 RT: 14.10 min Scan# 2043
 Delta R.T. -0.01 min
 Lab File: BP001244.D
 Acq: 06 Dec 2019 22:21

Instrument :
 BNA_P
 ClientSampleId :
 P001-WC004

Tot Ion	Ratio	Lower	Upper
166	100		
165	98.5	77.8	116.8
167	13.1	10.5	15.7

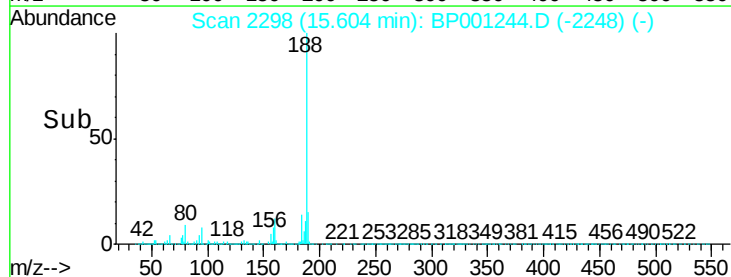
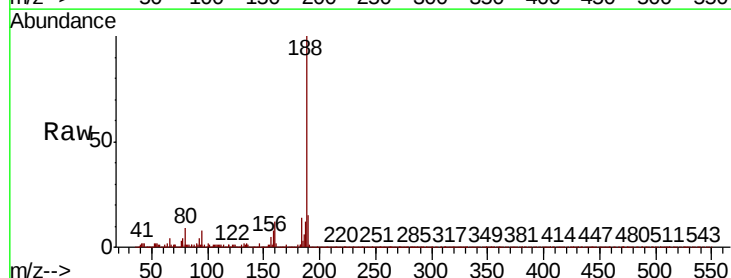
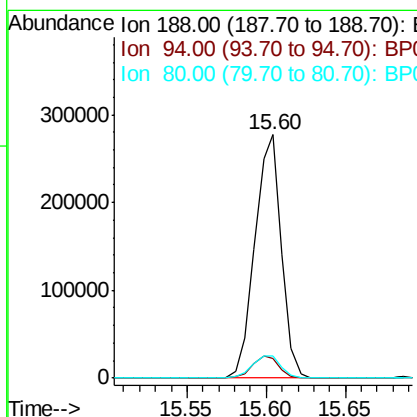
Manual Integrations
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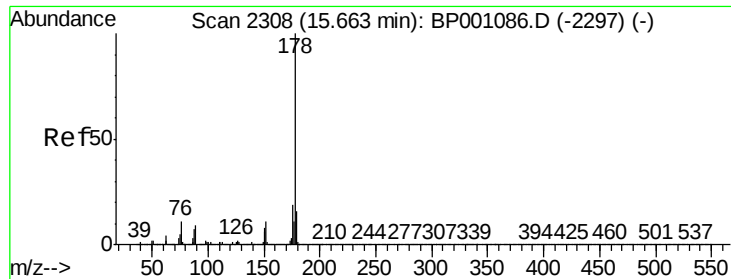
mohammad
 12/9/2019 3:11:06 PM



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 15.60 min Scan# 2298
 Delta R.T. -0.01 min
 Lab File: BP001244.D
 Acq: 06 Dec 2019 22:21

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.2	7.1	10.7
80	9.0	7.8	11.6





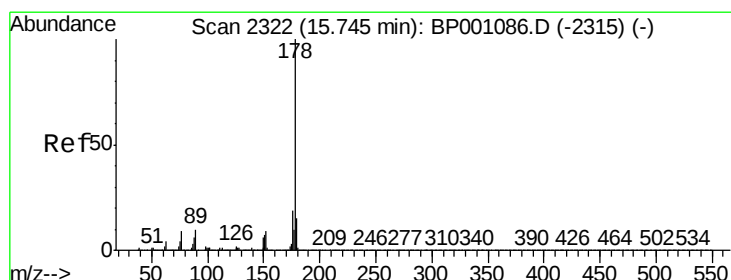
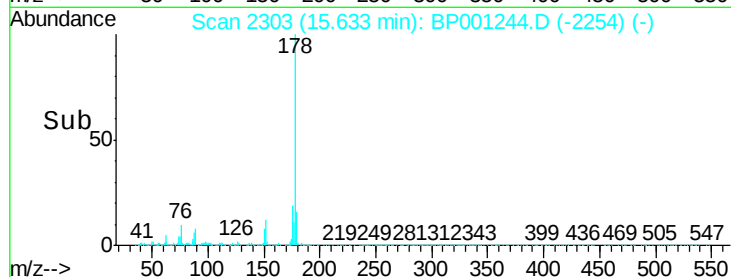
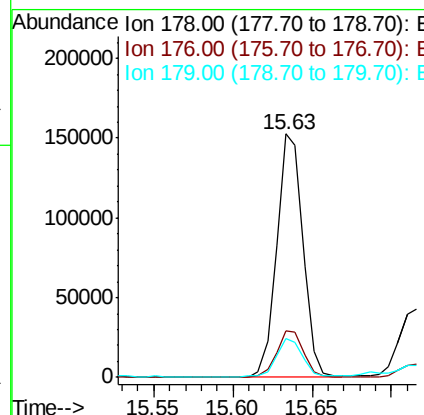
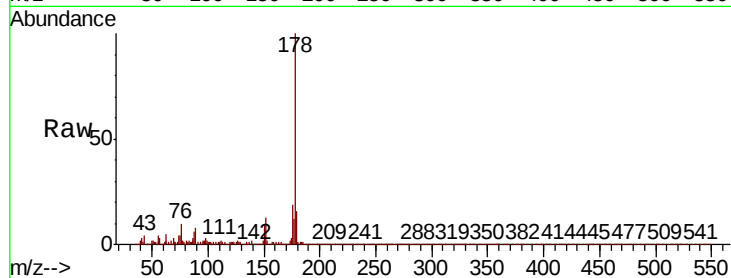
#71
Phenanthrene
Concen: 10.368 ng
RT: 15.63 min Scan# 2303
Delta R.T. -0.01 min
Lab File: BP001244.D
Acq: 06 Dec 2019 22:21

Instrument :
BNA_P
ClientSampleId :
P001-WC004

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.7	23.5
179	16.0	12.4	18.6

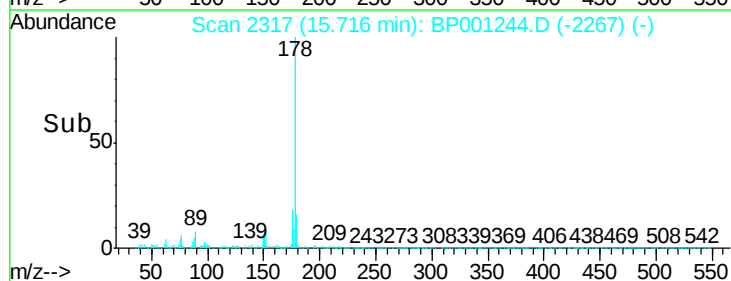
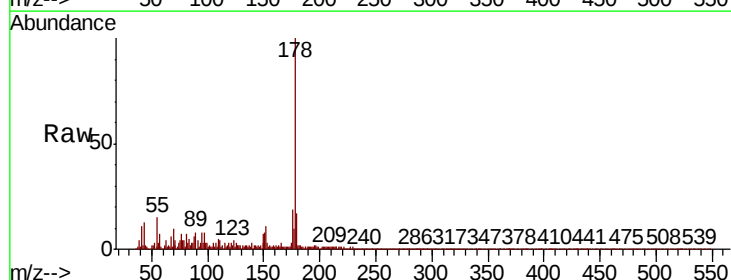
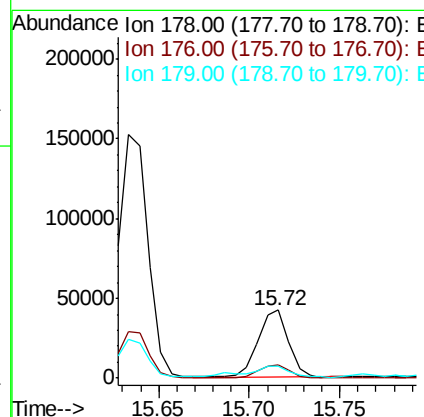
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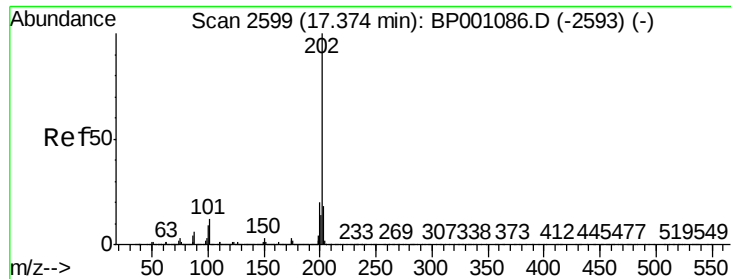
mohammad
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#72
Anthracene
Concen: 2.947 ng
RT: 15.72 min Scan# 2317
Delta R.T. -0.01 min
Lab File: BP001244.D
Acq: 06 Dec 2019 22:21

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.1	22.7
179	17.2	12.7	19.1





#75

Fluoranthene

Concen: 6.363 ng

RT: 17.35 min Scan# 2594

Delta R.T. -0.01 min

Lab File: BP001244.D

Acq: 06 Dec 2019 22:21

Instrument :

BNA_P

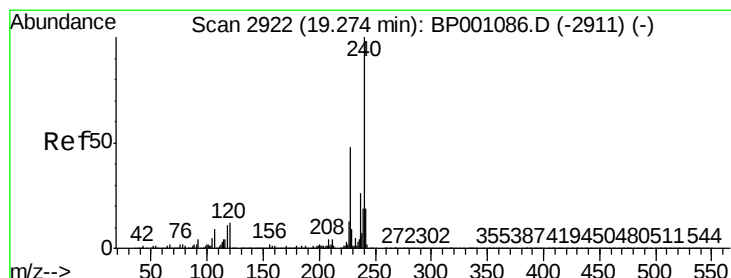
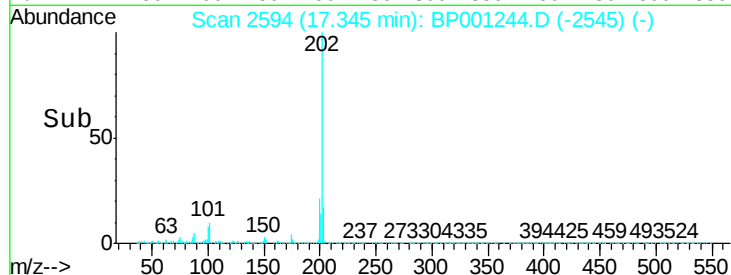
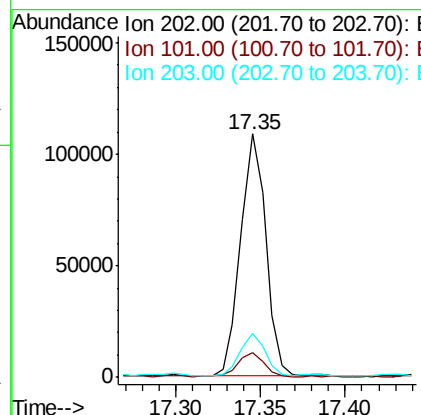
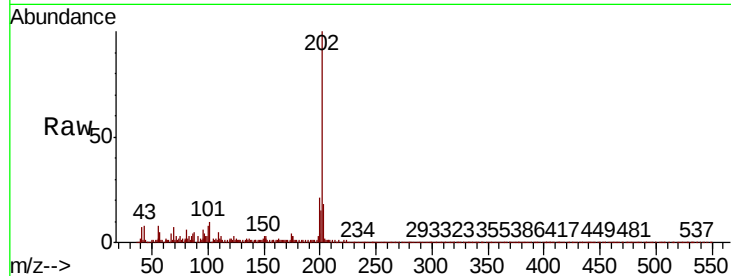
ClientSampleId :

P001-WC004

Tot Ion:	202	Resp:	113469
Ion Ratio		Lower	Upper
202	100		
101	10.3	0.0	30.0
203	17.8	0.0	37.1

Manual Integrations
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#76

Chrysene-d12

Concen: 20.000 ng

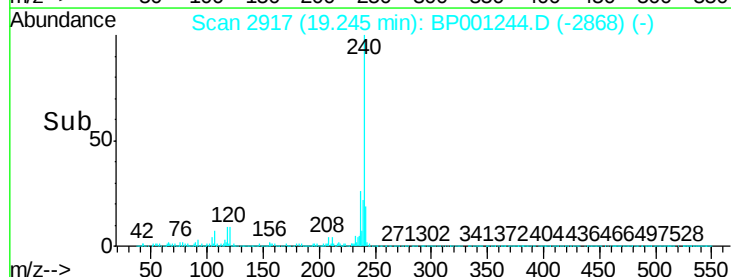
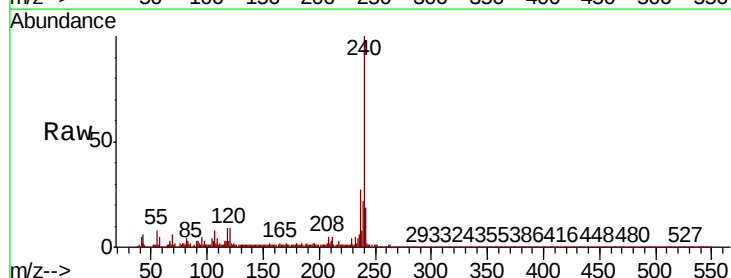
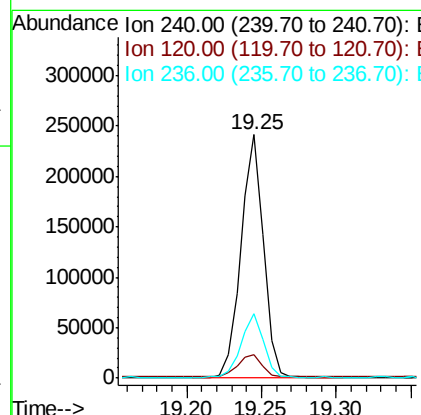
RT: 19.25 min Scan# 2917

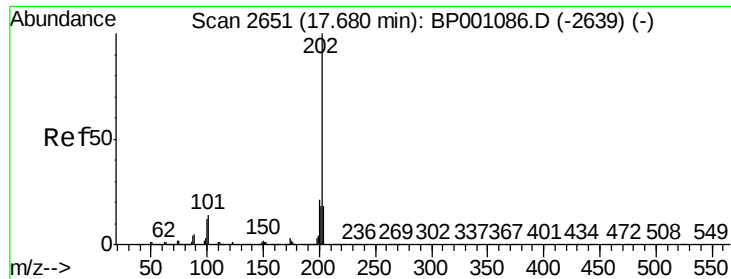
Delta R.T. -0.01 min

Lab File: BP001244.D

Acq: 06 Dec 2019 22:21

Tgt Ion:	240	Resp:	253033
Ion Ratio		Lower	Upper
240	100		
120	9.5	7.0	10.6
236	26.7	21.7	32.5





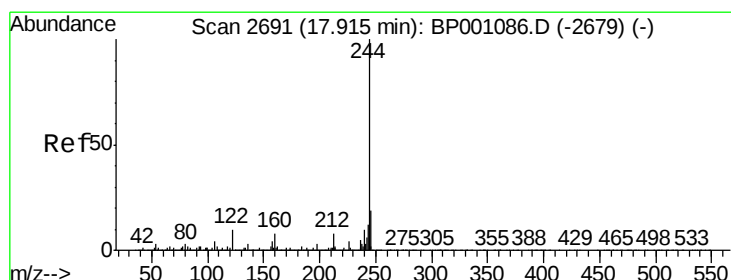
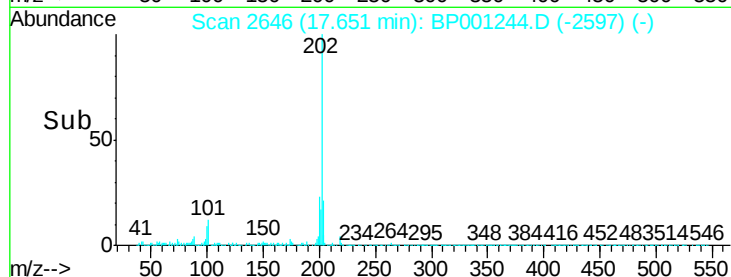
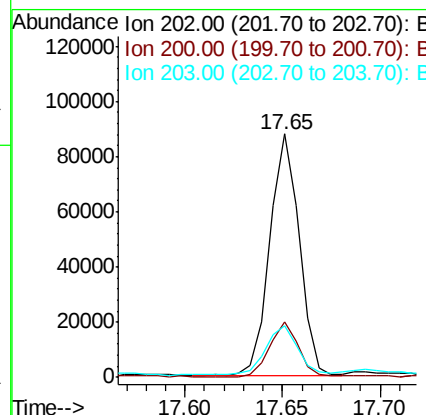
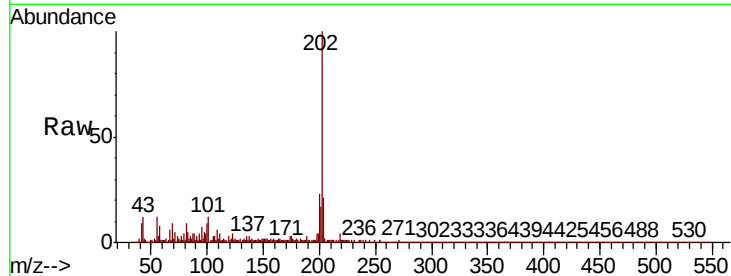
#78
Pvrene
Concen: 4.603 ng
RT: 17.65 min Scan# 2646
Delta R.T. -0.01 min
Lab File: BP001244.D
Acq: 06 Dec 2019 22:21

Instrument :
BNA_P
ClientSampleId :
P001-WC004

Tot Ion	Ratio	Lower	Upper
202	100		
200	22.9	17.3	25.9
203	21.0	13.8	20.8

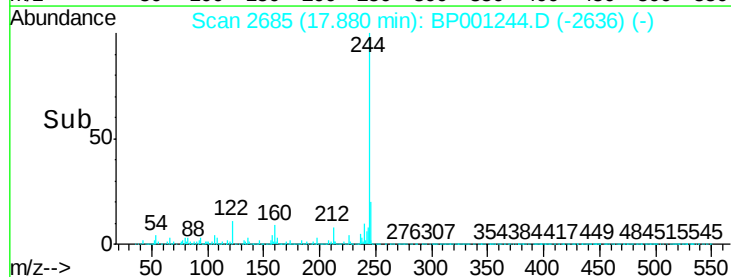
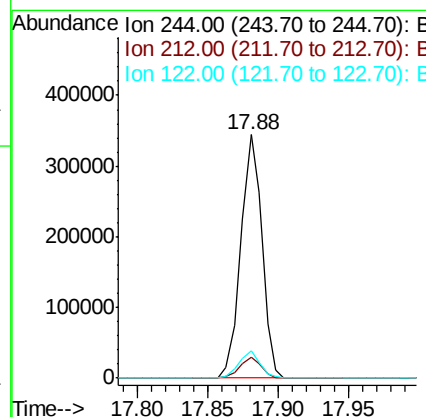
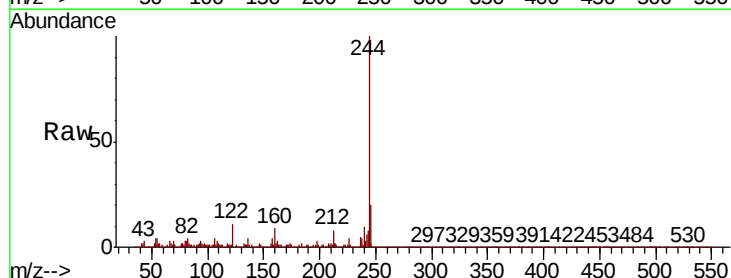
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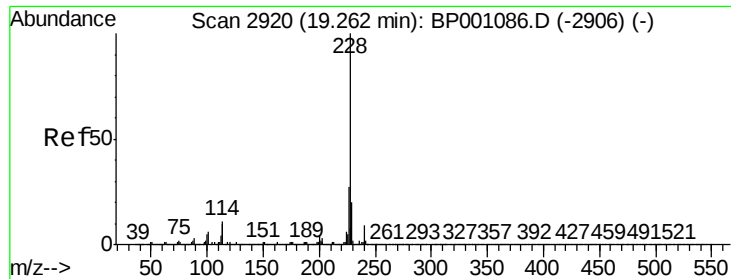
mohammad
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#79
Terphenyl-d14
Concen: 26.072 ng
RT: 17.88 min Scan# 2685
Delta R.T. -0.01 min
Lab File: BP001244.D
Acq: 06 Dec 2019 22:21

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.4	6.6	9.8
122	11.0	9.2	13.8





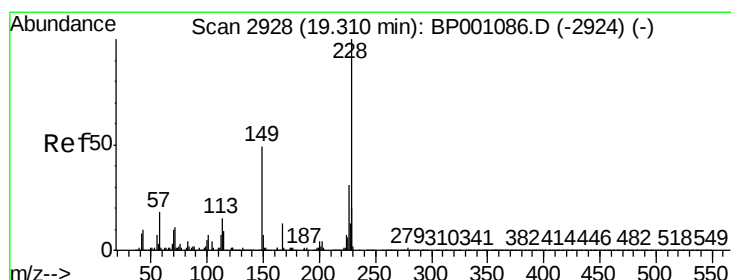
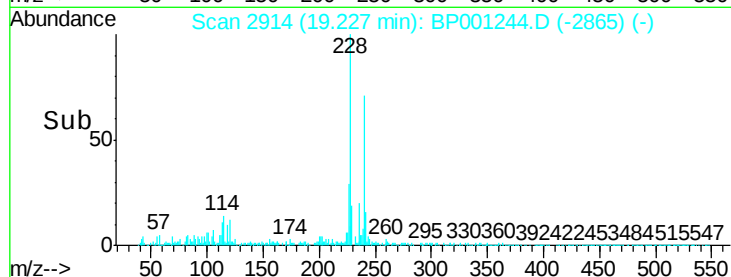
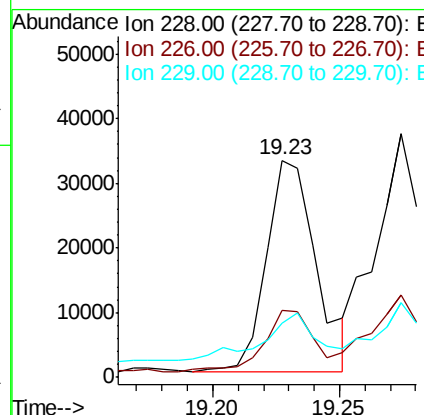
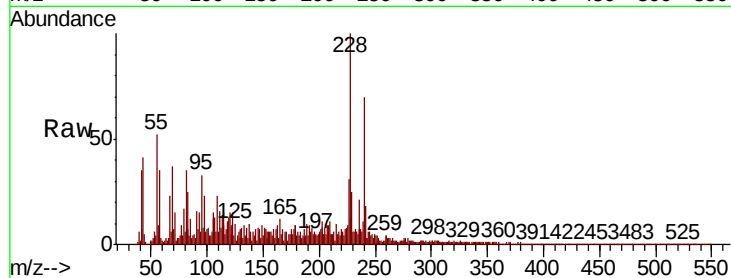
#81
Benzo(a)anthracene
Concen: 2.524 ng
RT: 19.23 min Scan# 2914
Delta R.T. -0.01 min
Lab File: BP001244.D
Acq: 06 Dec 2019 22:21

Instrument :
BNA_P
ClientSampled :
P001-WC004

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.9	21.7	32.5
229	25.1	15.8	23.6

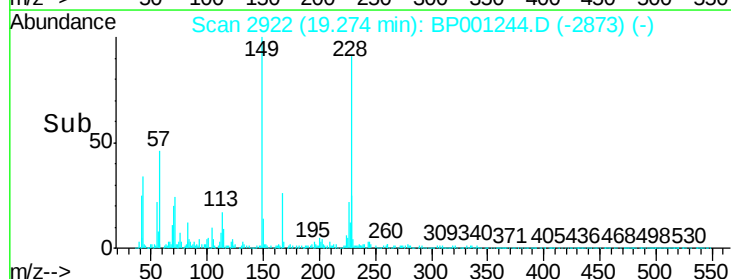
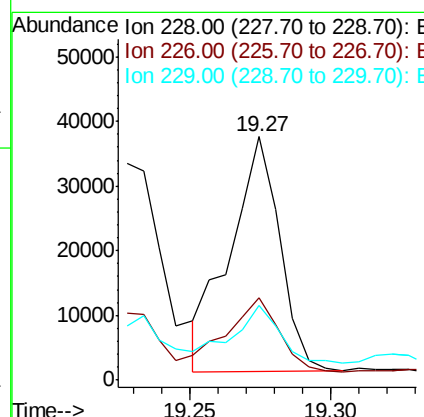
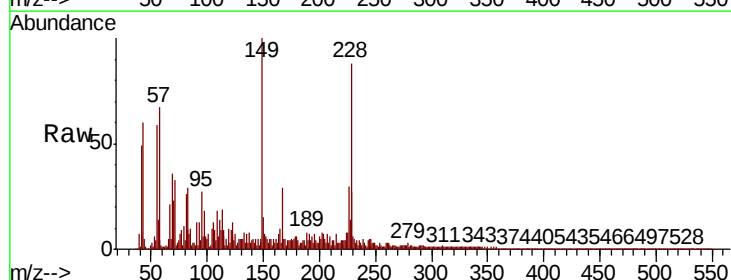
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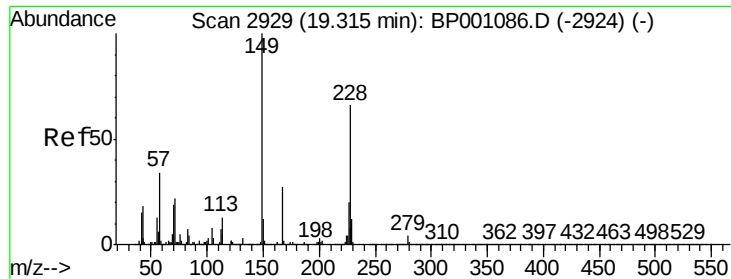
mohammad
12/9/2019 3:11:06 PM



#83
Chrysene
Concen: 2.832 ng
RT: 19.27 min Scan# 2922
Delta R.T. -0.01 min
Lab File: BP001244.D
Acq: 06 Dec 2019 22:21

Tgt Ion	Ratio	Lower	Upper
228	100		
226	33.7	23.7	35.5
229	30.6	15.2	22.8





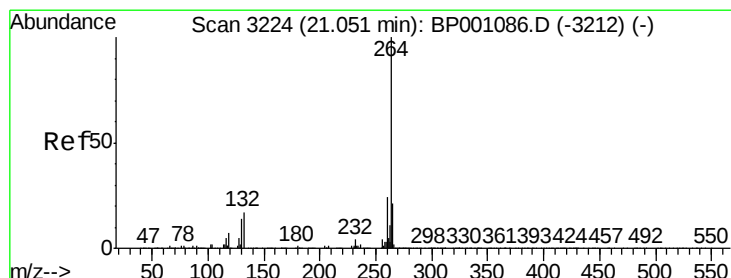
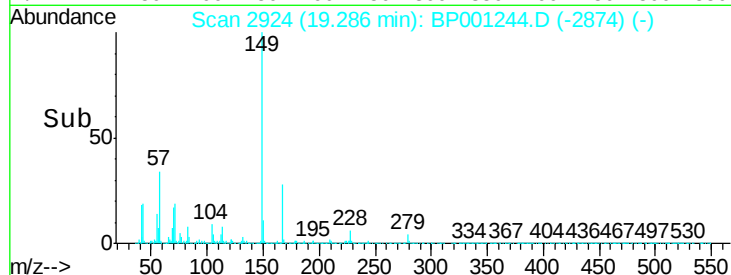
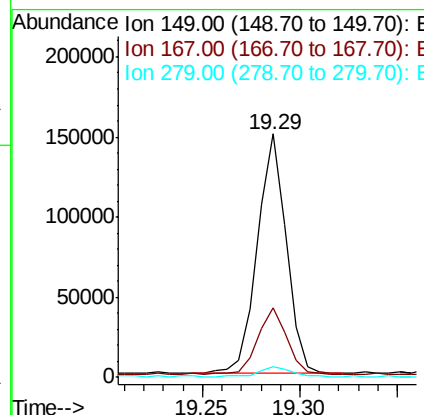
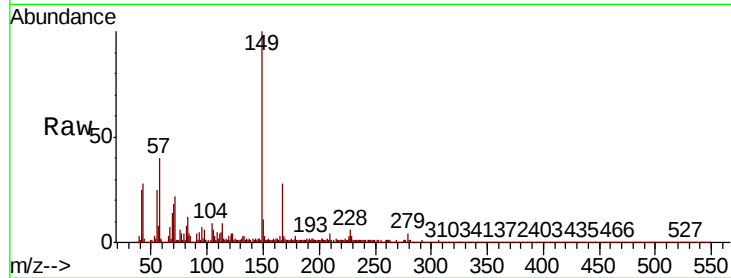
#84
 Bis(2-ethylhexyl)phthalate
 Concen: 12.060 ng
 RT: 19.29 min Scan# 2924
 Delta R.T. -0.01 min
 Lab File: BP001244.D
 Acq: 06 Dec 2019 22:21

Instrument :
 BNA_P
 ClientSampleId :
 P001-WC004

Tot Ion	Ratio	Resp Lower	Upper
149	100		
167	28.3	20.8	31.2
279	4.4	2.8	4.2#

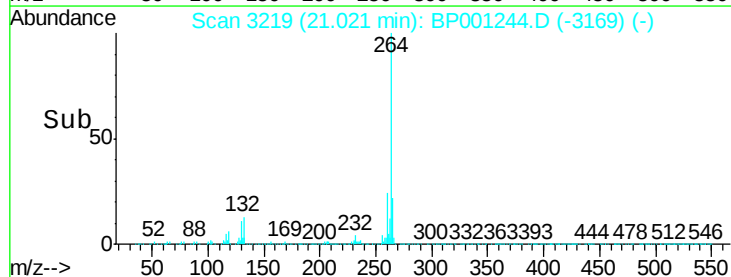
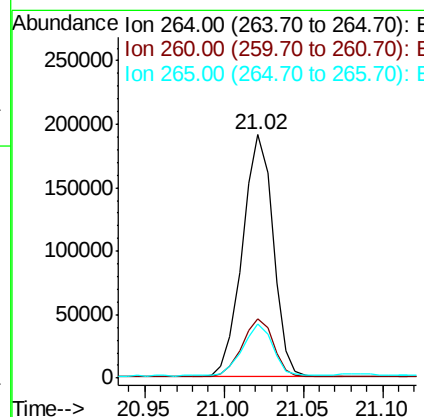
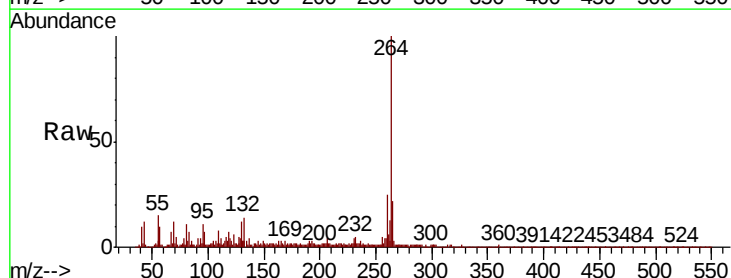
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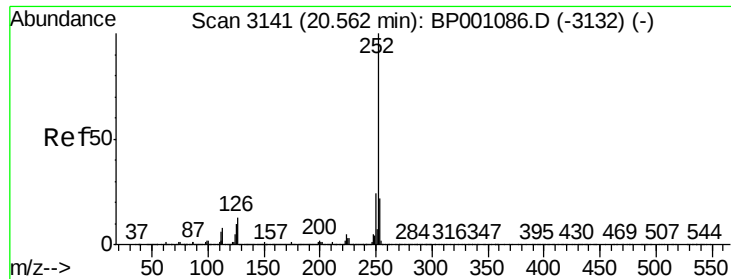
mohammad
 12/9/2019 3:11:06 PM



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 21.02 min Scan# 3219
 Delta R.T. -0.01 min
 Lab File: BP001244.D
 Acq: 06 Dec 2019 22:21

Tgt Ion	Ratio	Resp Lower	Upper
264	100		
260	24.6	19.4	29.0
265	22.2	17.1	25.7





#88

Benzo(b)fluoranthene

Concen: 2.806 ng/mL

RT: 20.53 min Scan# 3135

Delta R.T. -0.02 min

Lab File: BP001244.D

Acq: 06 Dec 2019 22:21

Instrument :

BNA_P

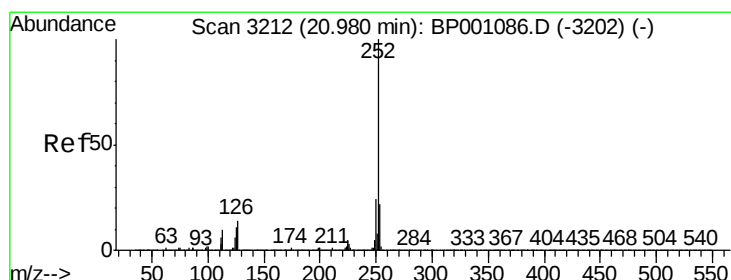
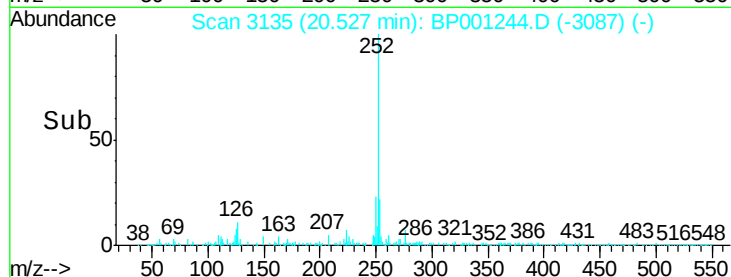
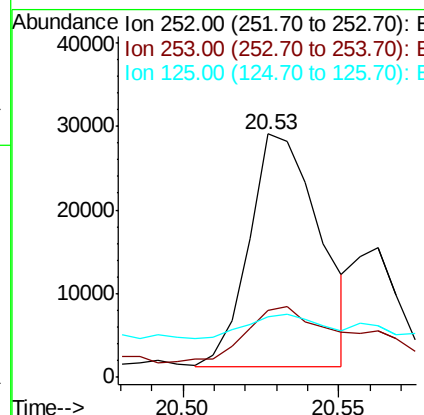
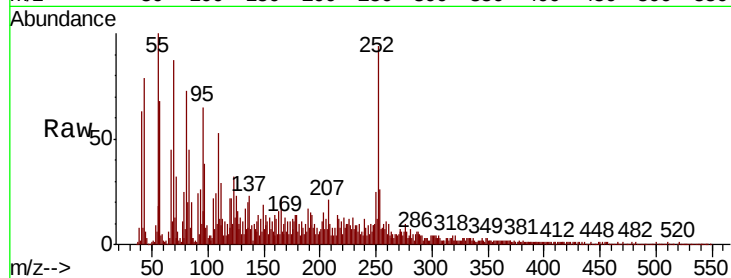
ClientSampleId :

P001-WC004

Tot Ion:	252	Resp:	44101
Ion Ratio	Lower	Upper	
252	100		
253	27.7	17.0	25.6#
125	25.1	6.6	9.8#

Manual Integrations
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#90

Benzo(a)pyrene

Concen: 2.099 ng/mL

RT: 20.94 min Scan# 3206

Delta R.T. -0.01 min

Lab File: BP001244.D

Acq: 06 Dec 2019 22:21

Tgt Ion:	252	Resp:	30384
Ion Ratio	Lower	Upper	
252	100		
253	32.3	16.8	25.2#
125	28.9	7.8	11.6#

