

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122319\
 Data File : BP001363.D
 Acq On : 23 Dec 2019 13:09
 Operator : JU
 Sample : K6370-05
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TP2-3

Manual Integrations
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Quant Time: Dec 23 14:21:25 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP121919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 20 03:20:39 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.30	152	50124	20.00	ng	0.00
21) Naphthalene-d8	10.33	136	175272	20.00	ng	0.00
39) Acenaphthene-d10	13.20	164	100275	20.00	ng	0.00
64) Phenanthrene-d10	15.60	188	189861	20.00	ng	0.00
76) Chrysene-d12	19.25	240	146107	20.00	ng	0.00
87) Perylene-d12	21.03	264	150694	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	6.22	112	322910	104.12	ng	0.02
7) Phenol-d6	7.76	99	431494	106.62	ng	0.00
23) Nitrobenzene-d5	9.18	82	311780	68.31	ng	0.00
42) 2,4,6-Tribromophenol	14.50	330	123629	98.61	ng	0.00
45) 2-Fluorobiphenyl	12.12	172	430131	54.24	ng	0.00
79) Terphenyl-d14	17.89	244	438080	51.35	ng	0.00
Target Compounds						
10) Phenol	7.77	94	21396	4.627	ng	82
24) Nitrobenzene	9.21	77	16134	3.592	ng	97
50) Dimethylphthalate	12.79	163	52490	6.381	ng	99
53) 3-Nitroaniline	13.13	138	15407	8.593	ng	# 94
71) Phenanthrene	15.63	178	91452	8.443	ng	99
75) Fluoranthene	17.35	202	161677	13.348	ng	98
77) Benzidine	17.54	184	9869	2.320	ng	96
78) Pyrene	17.66	202	134996	11.900	ng	96
81) Benzo(a)anthracene	19.24	228	74349	6.983	ng	95
83) Chrysene	19.28	228	80382m	7.822	ng	
84) Bis(2-ethylhexyl)phthalate	19.29	149	25075m	3.231	ng	
86) Indeno(1,2,3-cd)pyrene	22.66	276	49793	4.486	ng	98
88) Benzo(b)fluoranthene	20.54	252	111213m	11.238	ng	
89) Benzo(k)fluoranthene	20.57	252	33171m	3.519	ng	
90) Benzo(a)pyrene	20.95	252	65973	7.318	ng	97
92) Benzo(g,h,i)perylene	23.15	276	48502	5.758	ng	# 93

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

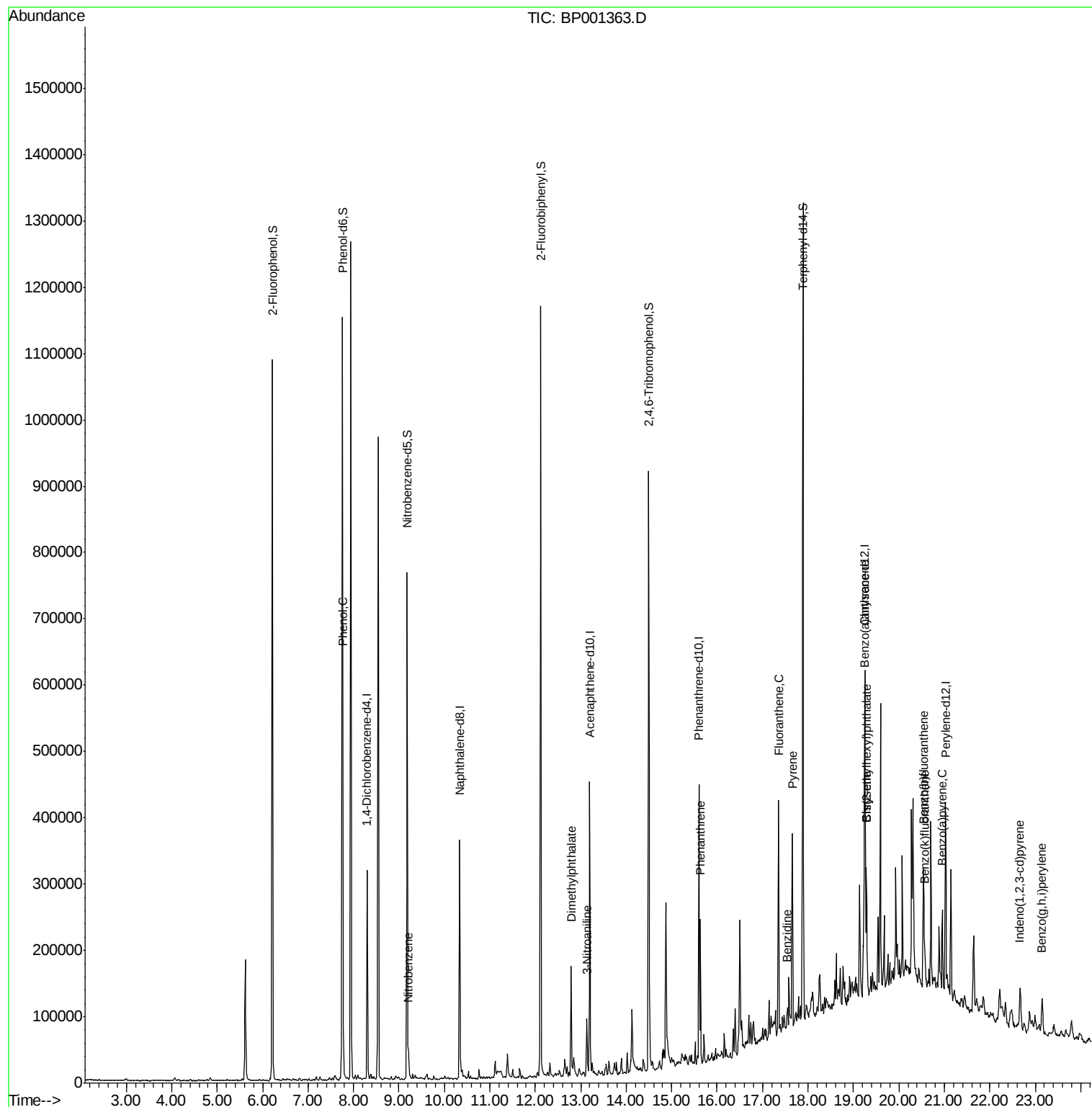
Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122319\
Data File : BP001363.D
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ALS Vial : 5 Sample Multiplier: 1

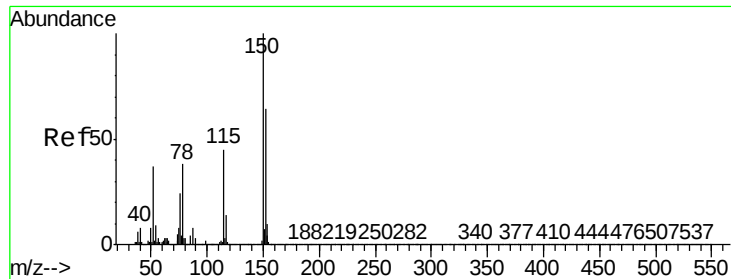
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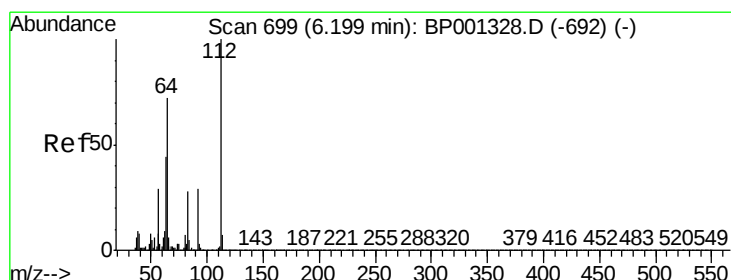
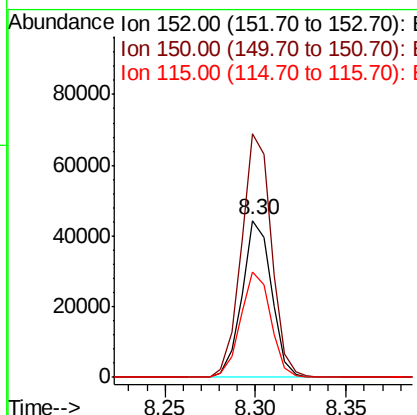
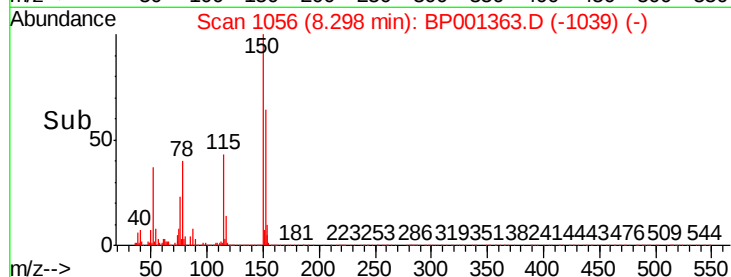
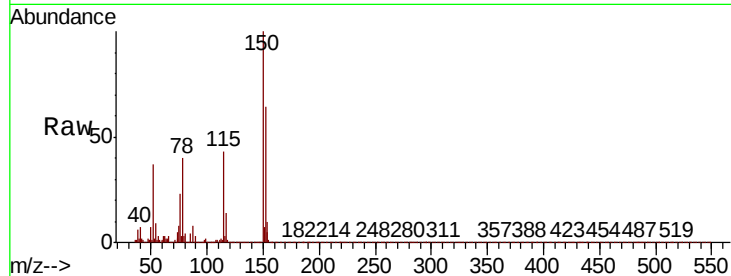
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.30 min Scan# 1056
Delta R.T. -0.00 min
Lab File: BP001363.D
Acq: 23 Dec 2019 13:09

Instrument :
BNA_P
ClientSampleId :
TP2-3

Tot Ion:	152	Resp:	50124
Ion Ratio	Lower	Upper	
152	100		
150	155.2	124.0	186.0
115	67.1	59.3	88.9

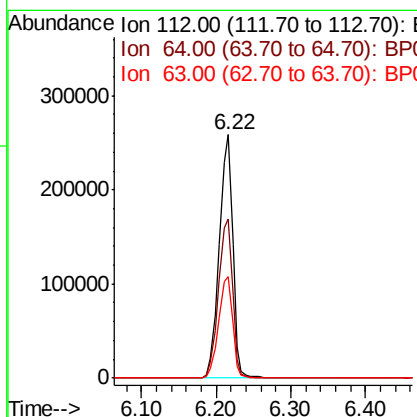
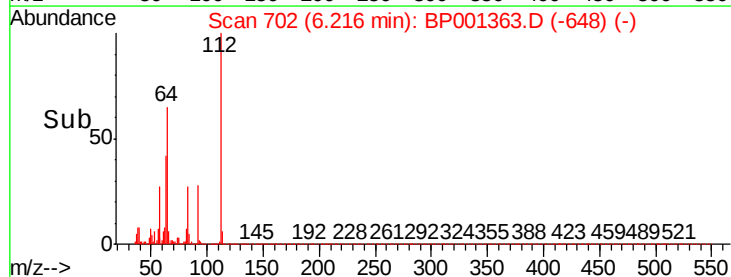
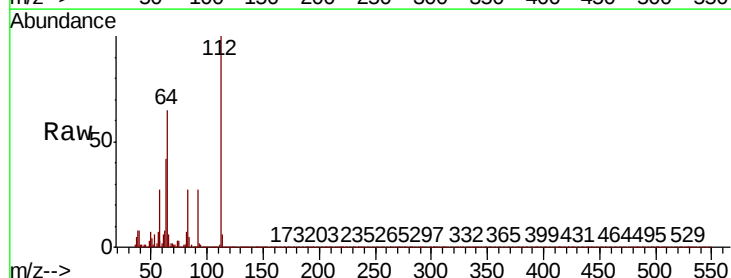
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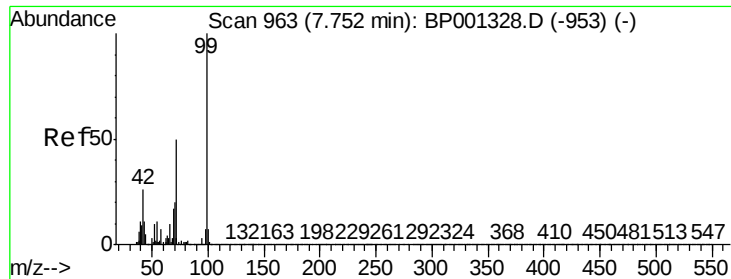
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#5
2-Fluorophenol
Concen: 104.119 ng
RT: 6.22 min Scan# 702
Delta R.T. 0.02 min
Lab File: BP001363.D
Acq: 23 Dec 2019 13:09

Tgt Ion:	112	Resp:	322910
Ion Ratio	Lower	Upper	
112	100		
64	65.4	57.6	86.4
63	41.9	35.1	52.7





#7

Phenol-d6

Concen: 106.624 ng

RT: 7.76 min Scan# 964

Delta R.T. 0.01 min

Lab File: BP001363.D

Acq: 23 Dec 2019 13:09

Instrument :

BNA_P

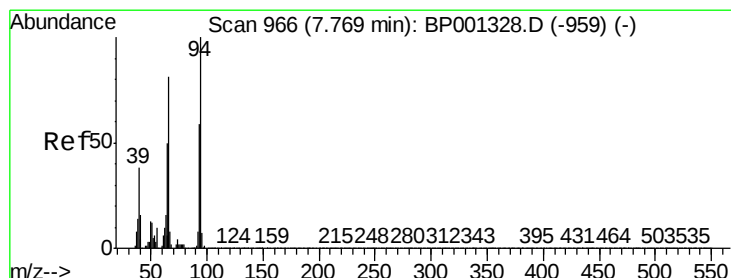
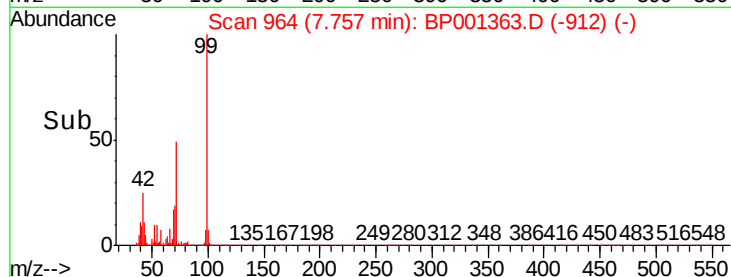
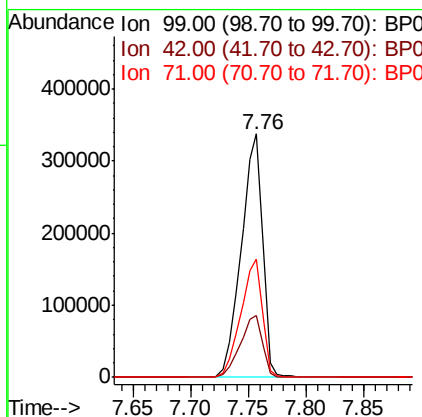
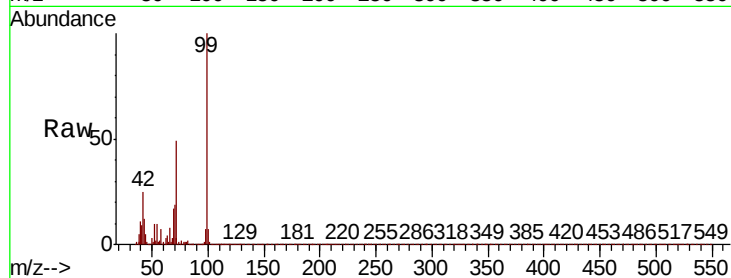
ClientSampled :

TP2-3

Tot Ion:	99	Resp:	431494
Ion Ratio	Lower	Upper	
99	100		
42	25.3	20.9	31.3
71	48.7	40.0	60.0

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#10

Phenol

Concen: 4.627 ng

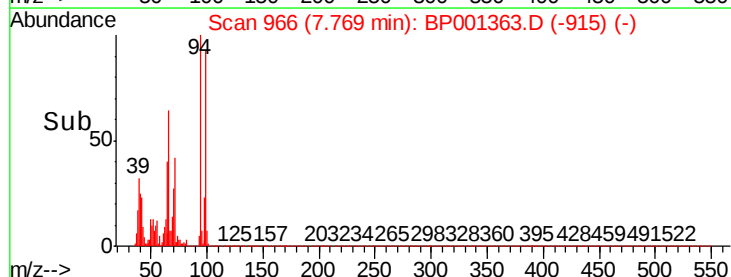
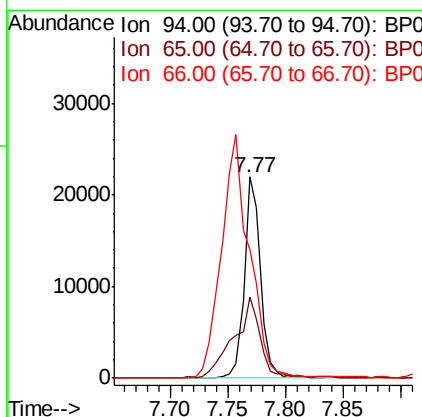
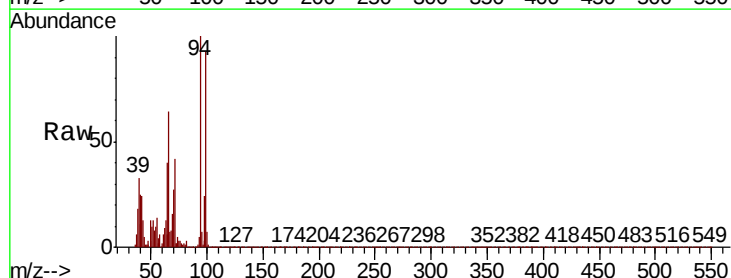
RT: 7.77 min Scan# 966

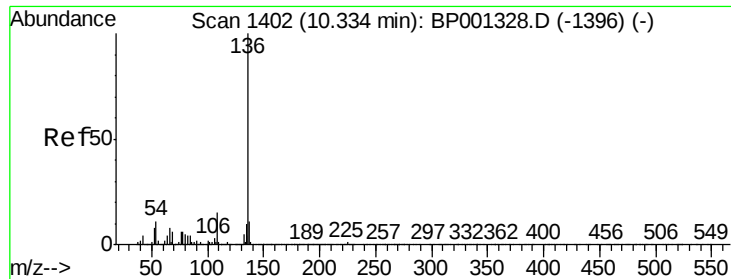
Delta R.T. -0.00 min

Lab File: BP001363.D

Acq: 23 Dec 2019 13:09

Tgt Ion:	94	Resp:	21396
Ion Ratio	Lower	Upper	
94	100		
65	40.5	30.4	70.4
66	63.6	62.0	102.0





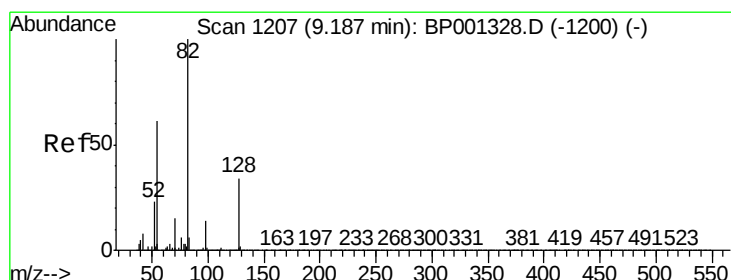
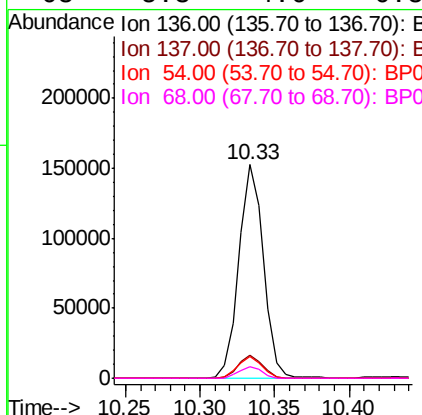
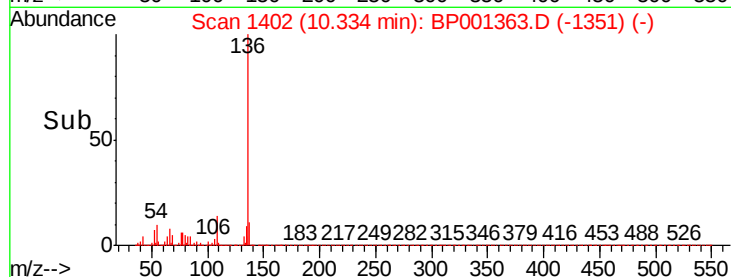
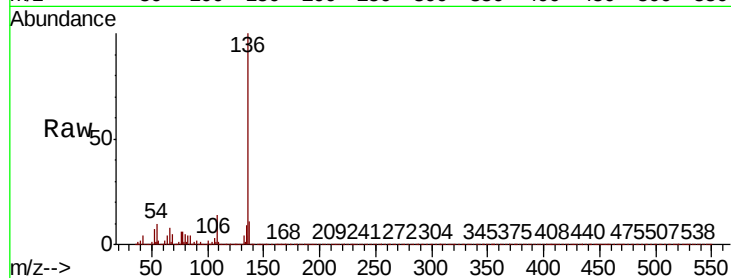
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.33 min Scan# 1402
Delta R.T. -0.00 min
Lab File: BP001363.D
Acq: 23 Dec 2019 13:09

Instrument :
BNA_P
ClientSampleId :
TP2-3

Tot Ion	Ratio	Resp Lower	Upper
136	100		
137	10.6	8.8	13.2
54	10.0	8.8	13.2
68	5.3	4.6	6.8

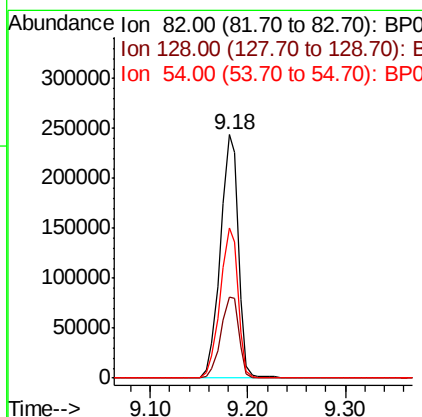
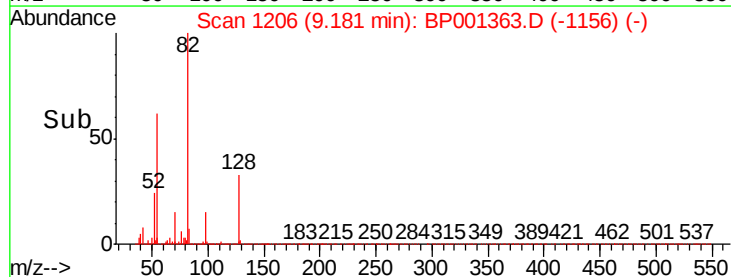
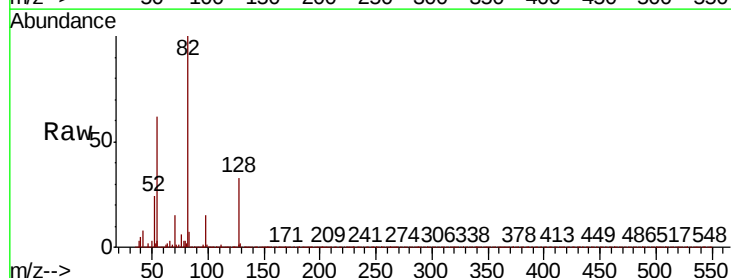
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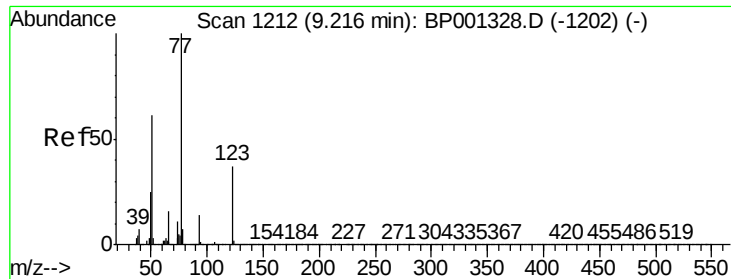
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#23
Nitrobenzene-d5
Concen: 68.310 ng
RT: 9.18 min Scan# 1206
Delta R.T. -0.01 min
Lab File: BP001363.D
Acq: 23 Dec 2019 13:09

Tgt Ion	Ratio	Resp Lower	Upper
82	100		
128	33.1	27.0	40.4
54	61.9	49.0	73.4





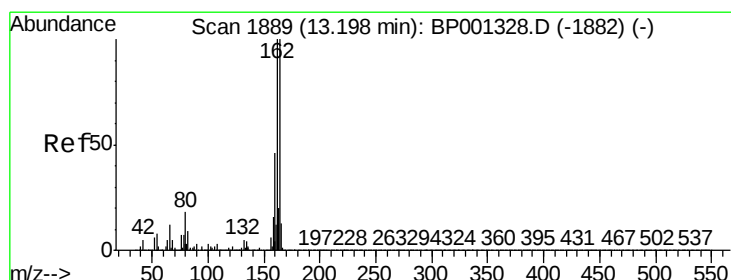
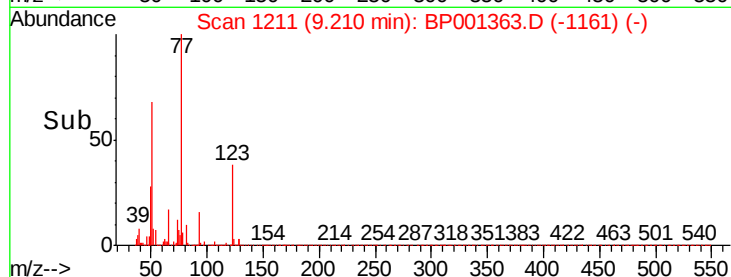
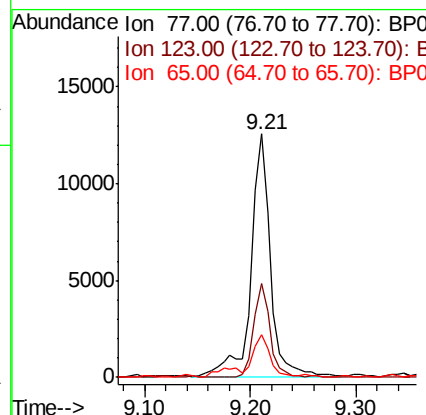
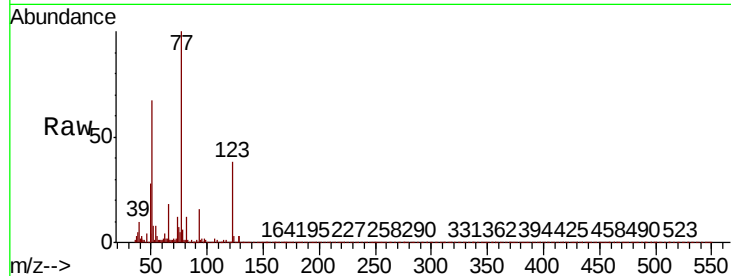
#24
Nitrobenzene
Concen: 3.592 ng
RT: 9.21 min Scan# 1211
Delta R.T. -0.01 min
Lab File: BP001363.D
Acq: 23 Dec 2019 13:09

Instrument :
BNA_P
ClientSampleId :
TP2-3

Tot Ion	Ratio	Lower	Upper
77	100		
123	38.3	29.4	44.0
65	17.6	12.4	18.6

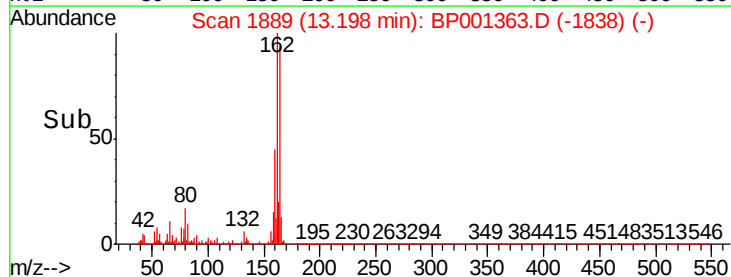
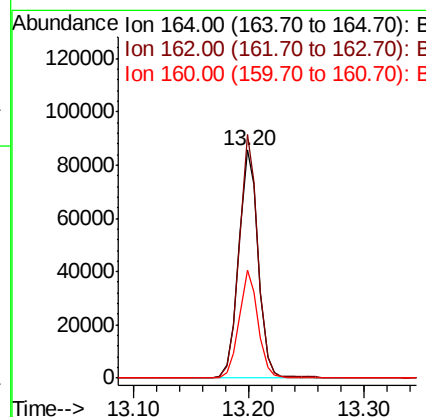
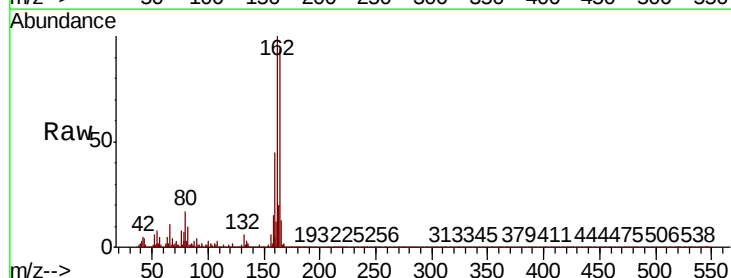
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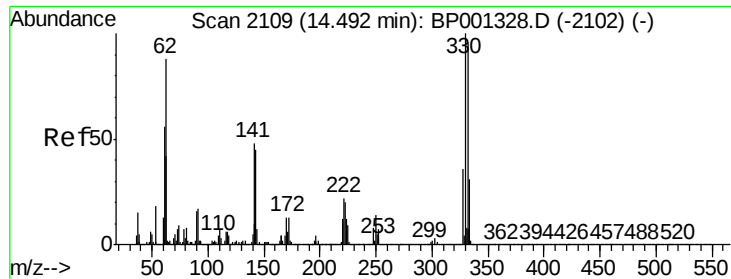
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 13.20 min Scan# 1889
Delta R.T. -0.00 min
Lab File: BP001363.D
Acq: 23 Dec 2019 13:09

Tgt Ion	Ratio	Lower	Upper
164	100		
162	106.9	80.3	120.5
160	47.6	36.6	54.8





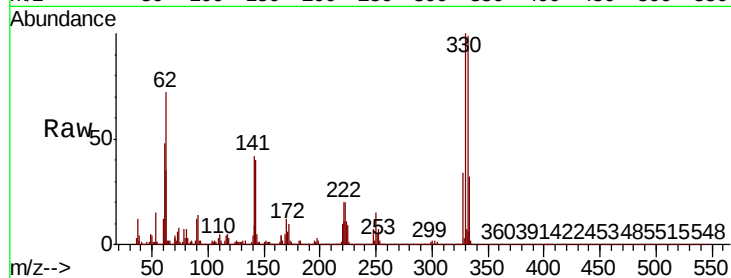
#42
2,4,6-Tribromophenol
Concen: 98.614 ng
RT: 14.50 min Scan# 2110
Delta R.T. 0.01 min
Lab File: BP001363.D
Acq: 23 Dec 2019 13:09

Instrument :
BNA_P
ClientSampleId :
TP2-3

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	97.0	78.7	118.1	
141	44.9	36.2	54.4	

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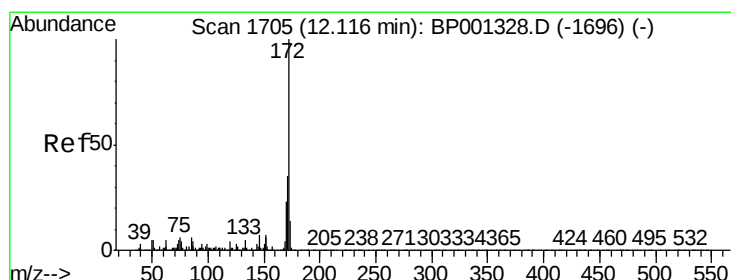
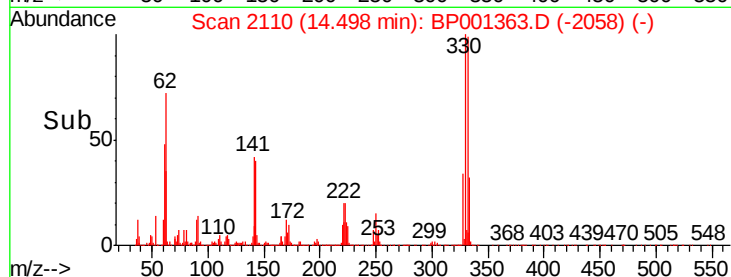
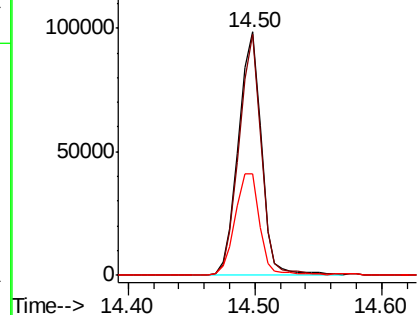


Abundance

Ion 329.80 (329.50 to 330.50): E

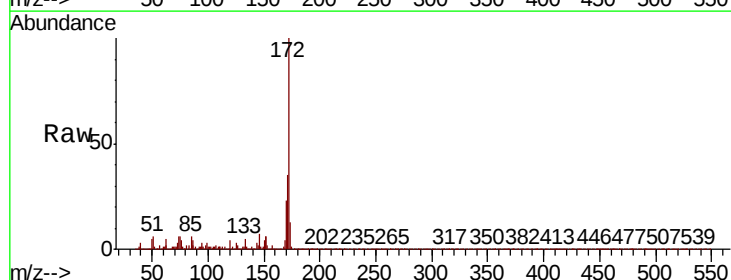
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
2-Fluorobiphenyl
Concen: 54.240 ng
RT: 12.12 min Scan# 1705
Delta R.T. -0.00 min
Lab File: BP001363.D
Acq: 23 Dec 2019 13:09

Tgt Ion	Ratio	Resp	Lower	Upper
172	100			
171	34.8	27.7	41.5	
170	23.4	18.6	28.0	

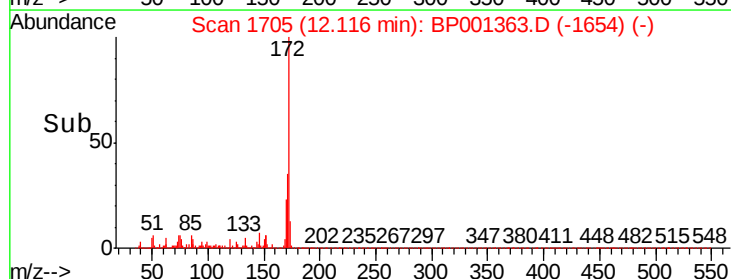
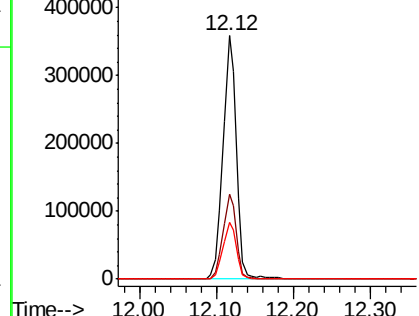


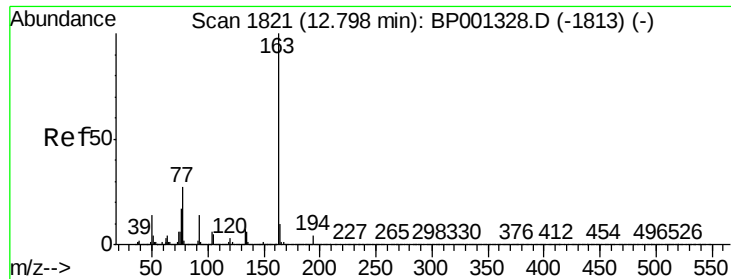
Abundance

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





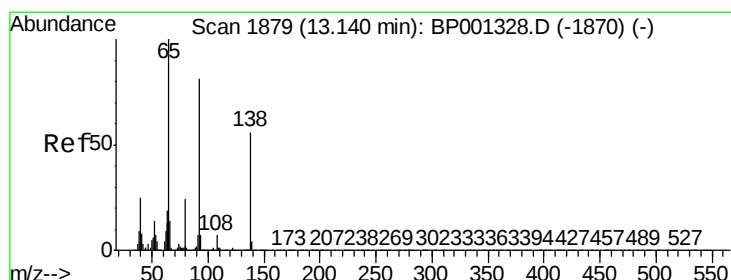
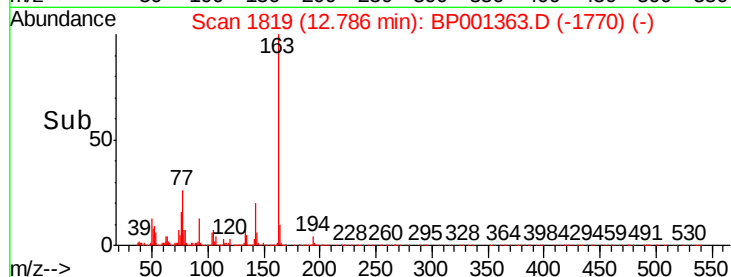
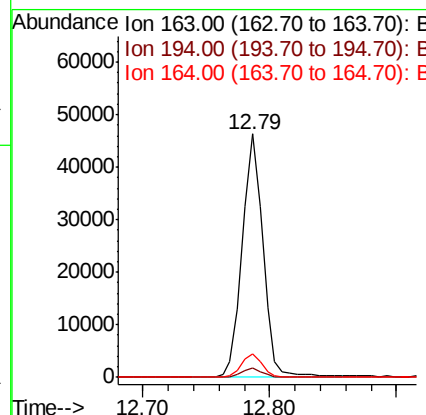
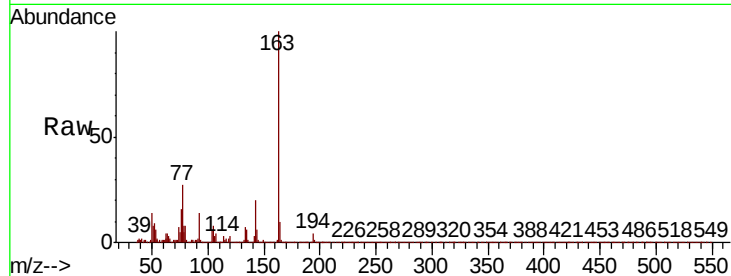
#50
Dimethylphthalate
Concen: 6.381 ng
RT: 12.79 min Scan# 1819
Delta R.T. -0.01 min
Lab File: BP001363.D
Acq: 23 Dec 2019 13:09

Instrument :
BNA_P
ClientSampleId :
TP2-3

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.4	5.0
164	9.7	7.9	11.9

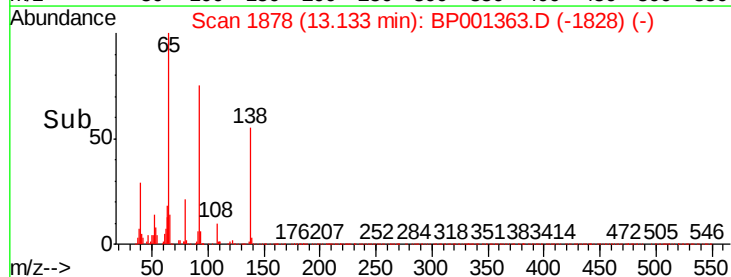
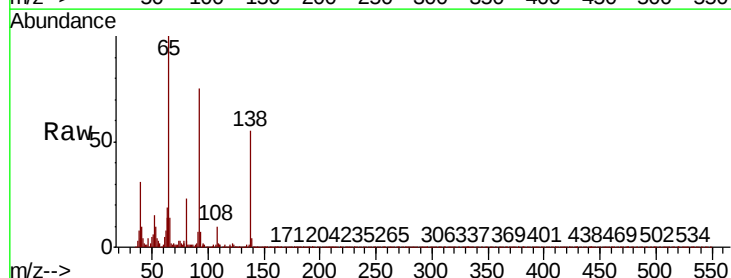
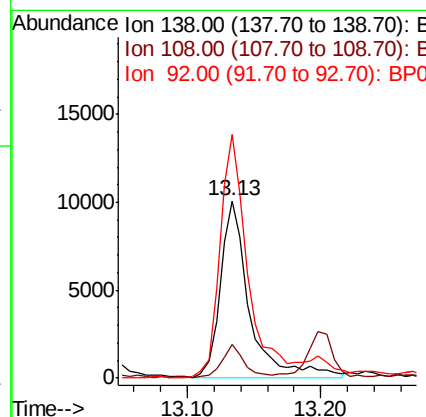
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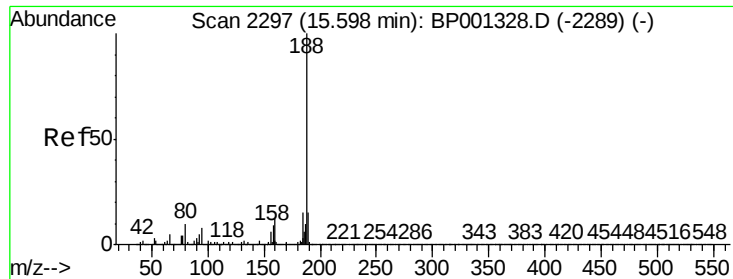
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#53
3-Nitroaniline
Concen: 8.593 ng
RT: 13.13 min Scan# 1878
Delta R.T. -0.01 min
Lab File: BP001363.D
Acq: 23 Dec 2019 13:09

Tgt Ion	Ratio	Lower	Upper
138	100		
108	18.9	10.1	15.1#
92	137.3	114.6	172.0





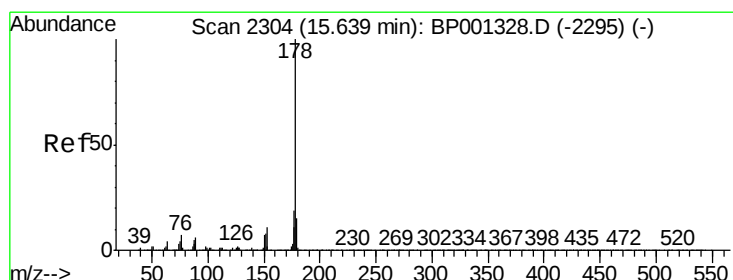
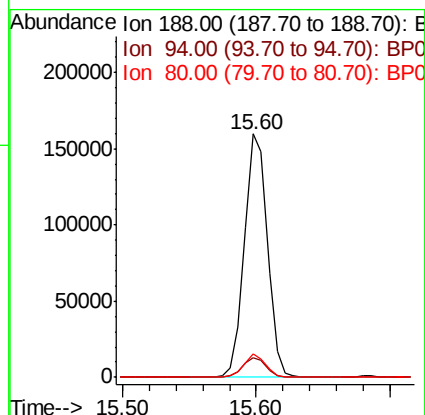
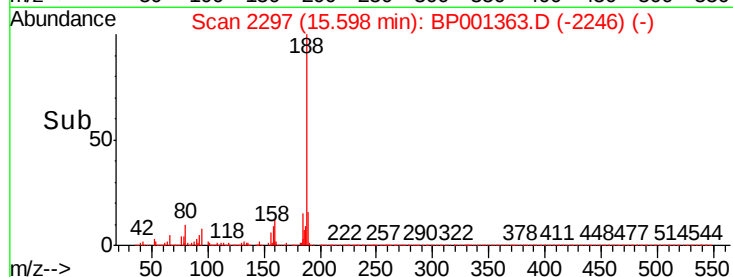
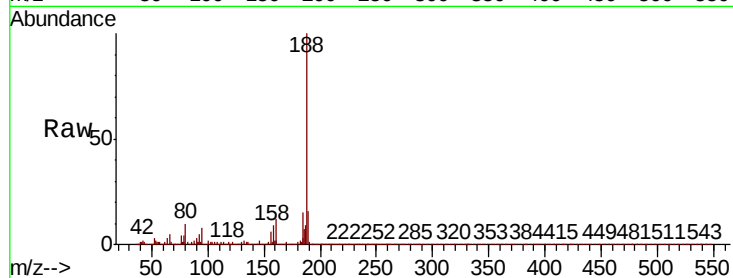
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 15.60 min Scan# 2297
Delta R.T. -0.00 min
Lab File: BP001363.D
Acq: 23 Dec 2019 13:09

Instrument :
BNA_P
ClientSampleId :
TP2-3

Tot Ion:	188	Resp:	189861
Ion Ratio	Lower	Upper	
188	100		
94	8.1	6.6	10.0
80	9.7	7.8	11.6

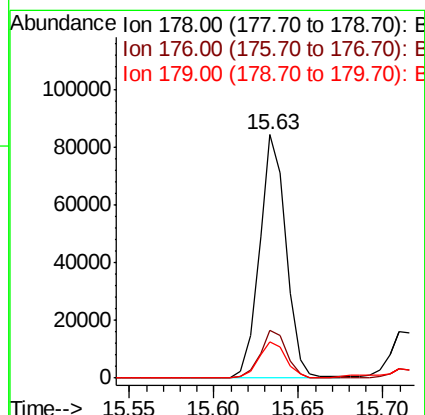
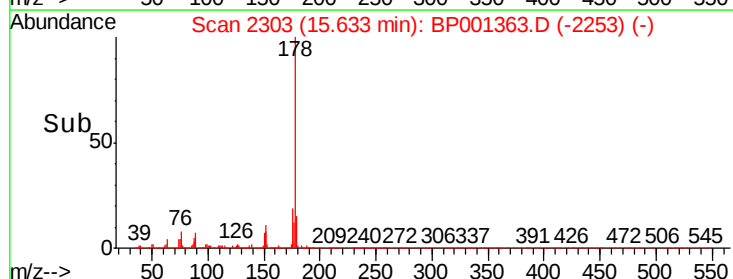
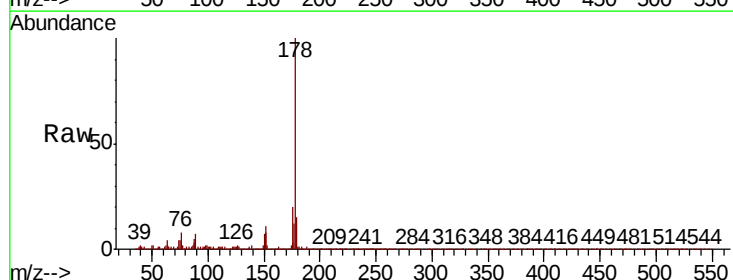
Manual Integrations
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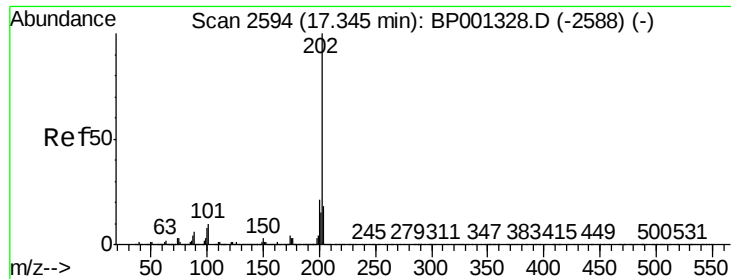
mohammad
12/24/2019 3:05:20 PM



#71
Phenanthrene
Concen: 8.443 ng
RT: 15.63 min Scan# 2303
Delta R.T. -0.01 min
Lab File: BP001363.D
Acq: 23 Dec 2019 13:09

Tgt Ion:	178	Resp:	91452
Ion Ratio	Lower	Upper	
178	100		
176	19.5	15.2	22.8
179	15.1	12.0	18.0





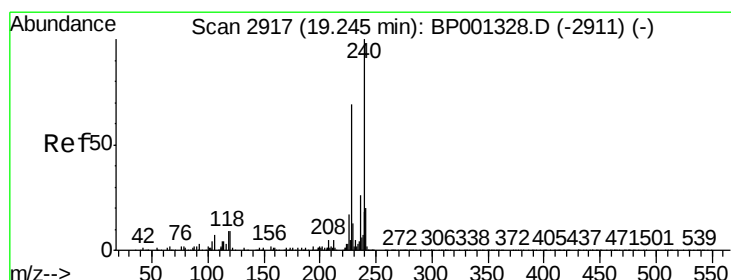
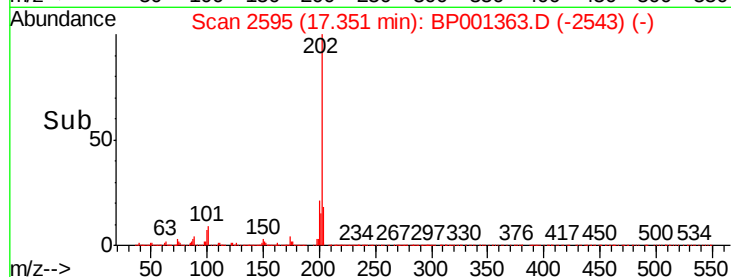
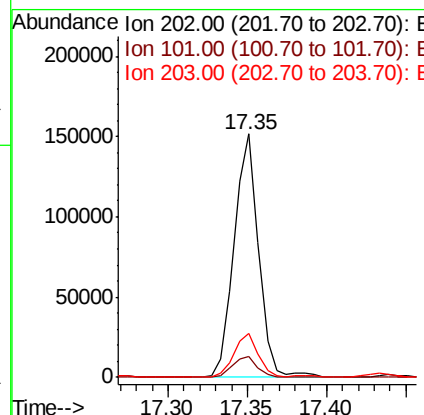
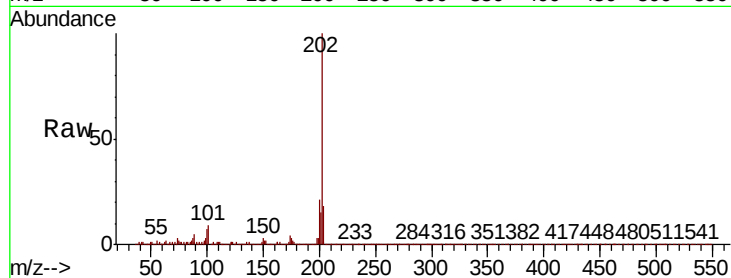
#75
Fluoranthene
Concen: 13.348 ng
RT: 17.35 min Scan# 2595
Delta R.T. 0.01 min
Lab File: BP001363.D
Acq: 23 Dec 2019 13:09

Instrument :
BNA_P
ClientSampleId :
TP2-3

Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100		161677		
101	8.7	0.0	29.9		
203	18.0	0.0	37.6		

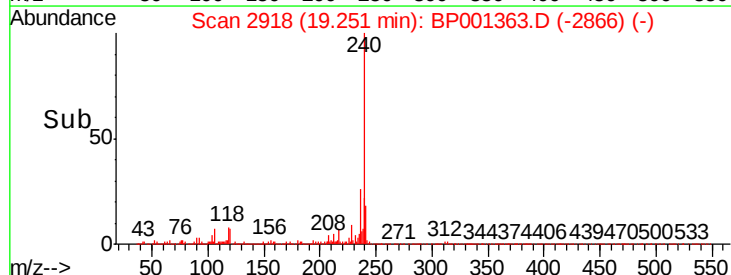
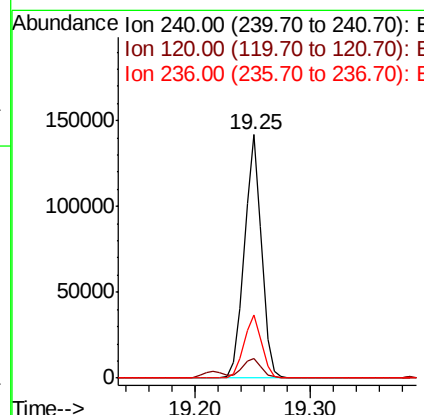
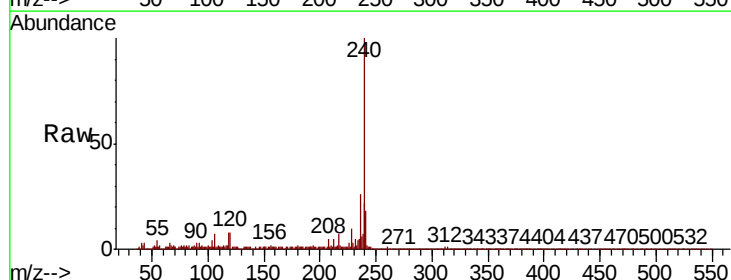
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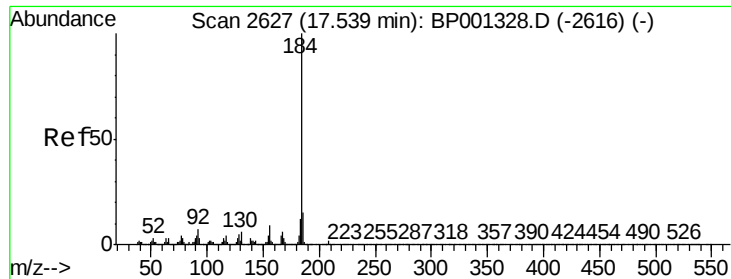
mohammad
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#76
Chrysene-d12
Concen: 20.000 ng
RT: 19.25 min Scan# 2918
Delta R.T. 0.01 min
Lab File: BP001363.D
Acq: 23 Dec 2019 13:09

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
240	100		146107		
120	7.8	7.6	11.4		
236	26.1	21.0	31.4		





#77

Benzidine

Concen: 2.320 ng

RT: 17.54 min Scan# 2628

Delta R.T. 0.01 min

Lab File: BP001363.D

Acq: 23 Dec 2019 13:09

Instrument :

BNA_P

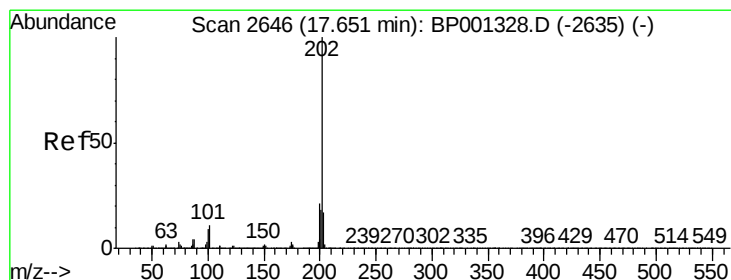
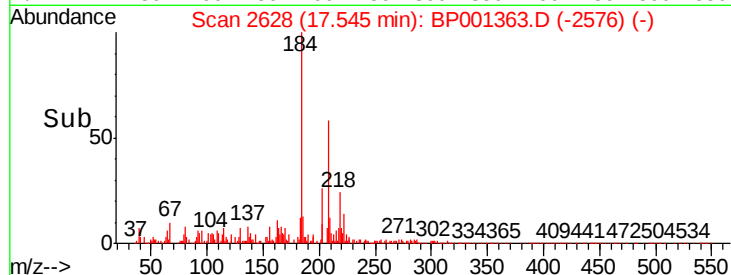
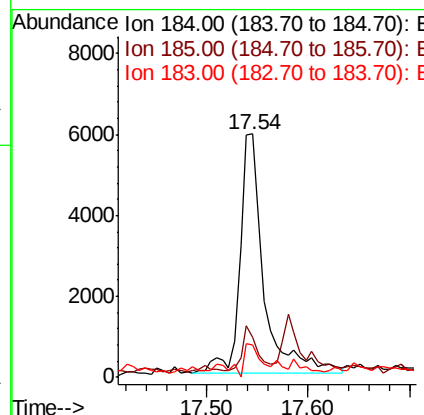
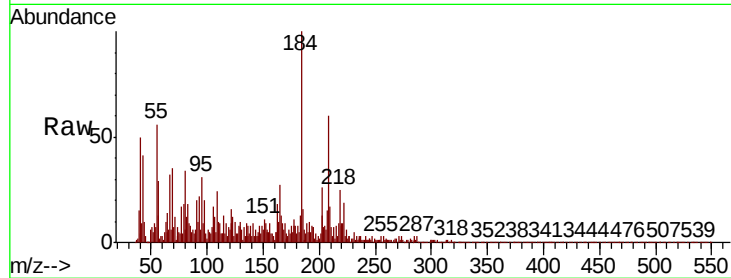
ClientSampleId :

TP2-3

Tot Ion:	184	Resp:	9869
Ion Ratio	Lower	Upper	
184	100		
185	16.4	11.7	17.5
183	13.3	9.8	14.8

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#78

Pyrene

Concen: 11.900 ng

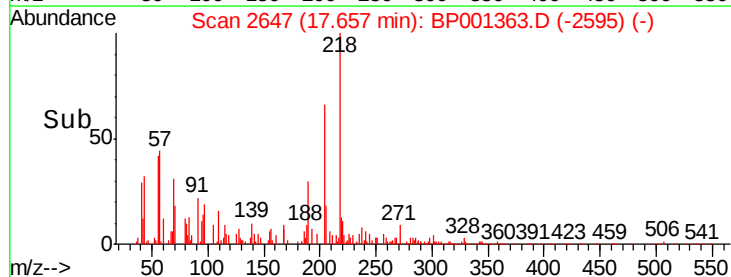
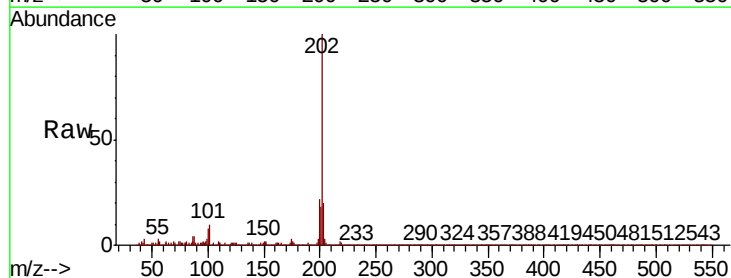
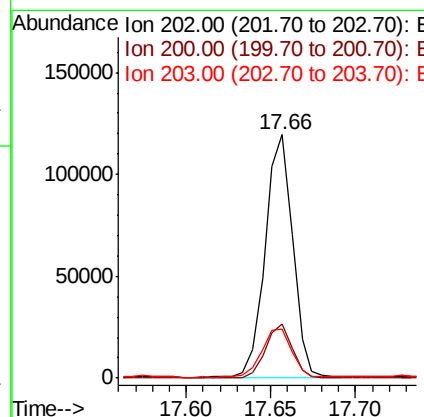
RT: 17.66 min Scan# 2647

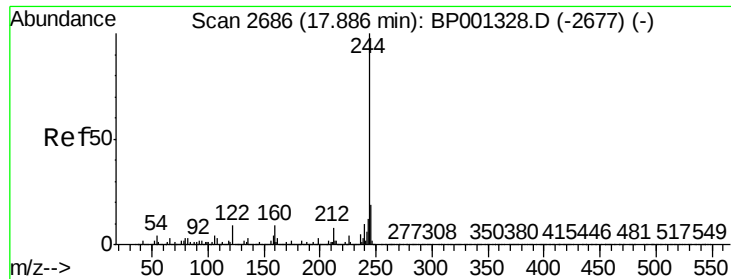
Delta R.T. 0.01 min

Lab File: BP001363.D

Acq: 23 Dec 2019 13:09

Tgt Ion:	202	Resp:	134996
Ion Ratio	Lower	Upper	
202	100		
200	22.3	16.8	25.2
203	20.2	13.8	20.8





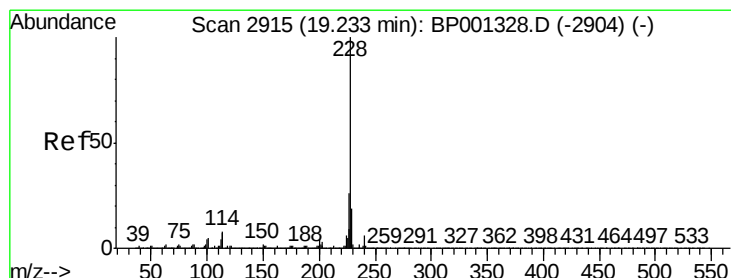
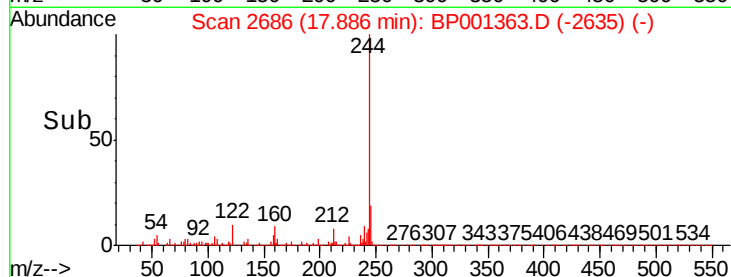
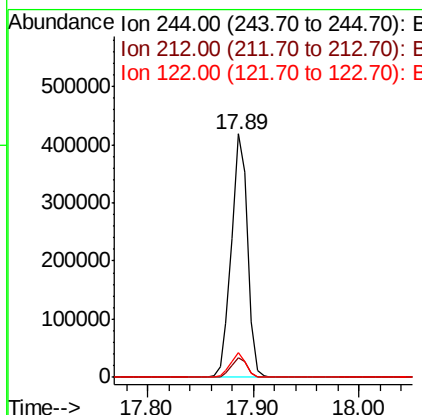
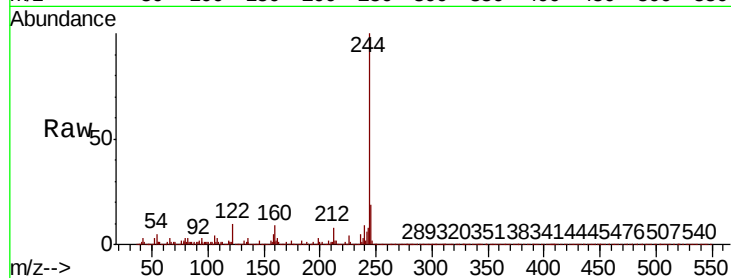
#79
 Terphenyl-d14
 Concen: 51.355 ng
 RT: 17.89 min Scan# 2686
 Delta R.T. -0.00 min
 Lab File: BP001363.D
 Acq: 23 Dec 2019 13:09

Instrument :
 BNA_P
 ClientSampleId :
 TP2-3

Tot Ion	Ratio	Lower	Upper
244	100		
212	8.1	6.6	9.8
122	10.3	7.6	11.4

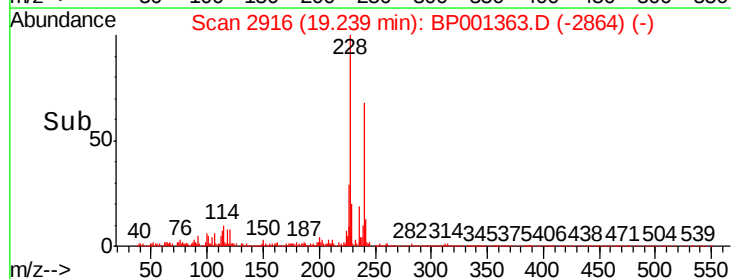
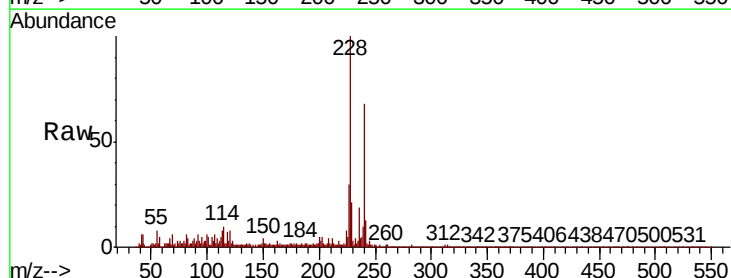
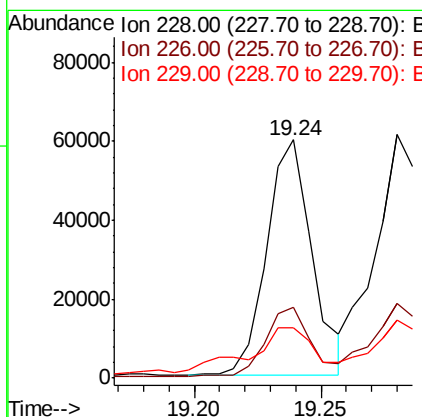
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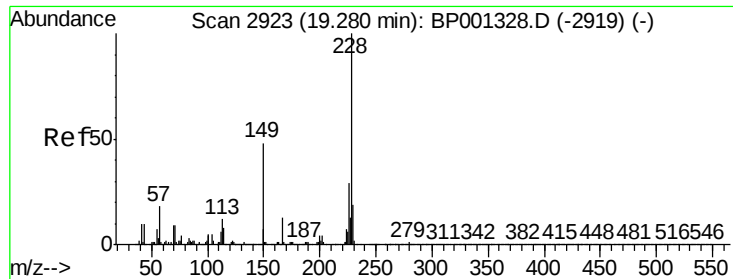
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#81
 Benzo(a)anthracene
 Concen: 6.983 ng
 RT: 19.24 min Scan# 2916
 Delta R.T. 0.01 min
 Lab File: BP001363.D
 Acq: 23 Dec 2019 13:09

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.6	21.2	31.8
229	21.1	15.4	23.0





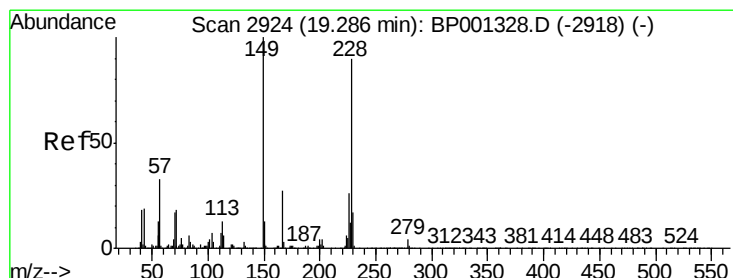
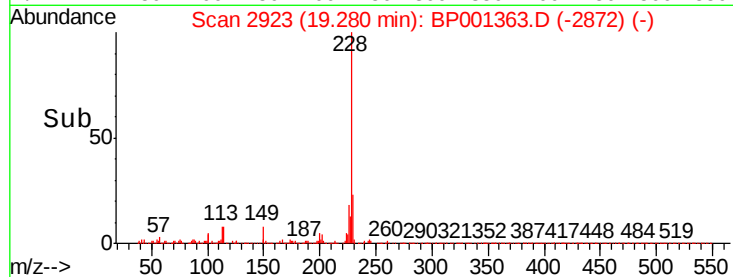
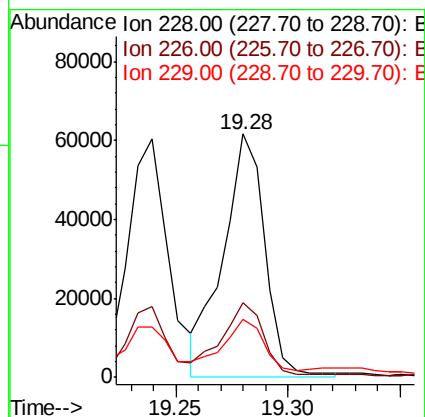
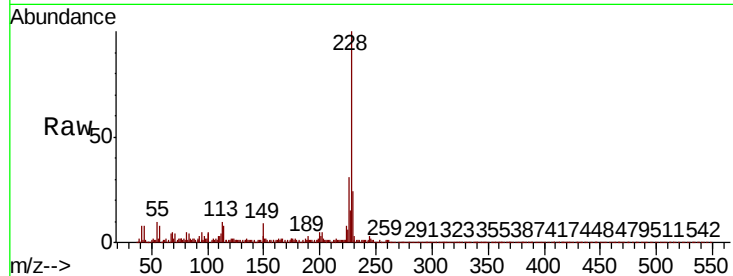
#83
 Chrysene
 Concen: 7.822 ng m
 RT: 19.28 min Scan# 2923
 Delta R.T. -0.00 min
 Lab File: BP001363.D
 Acq: 23 Dec 2019 13:09

Instrument :
 BNA_P
 ClientSampleId :
 TP2-3

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.8	23.1	34.7
229	23.6	15.4	23.2

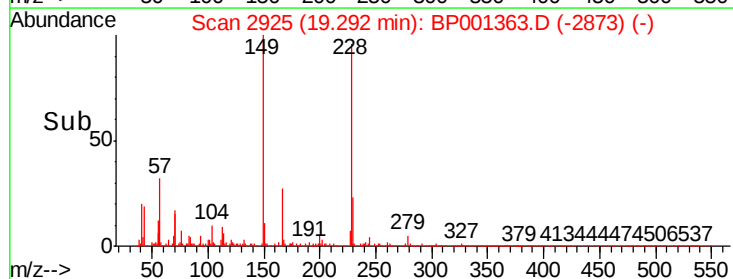
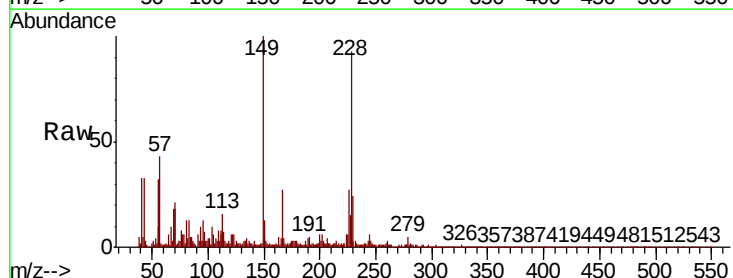
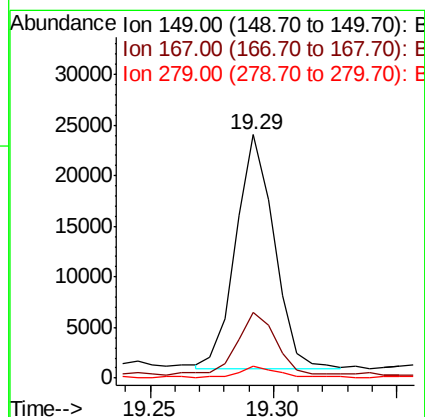
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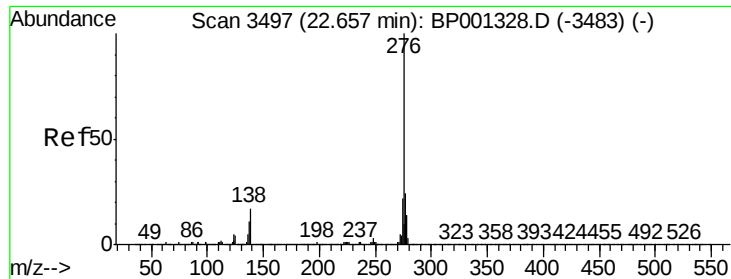
mohammad
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 3.231 ng m
 RT: 19.29 min Scan# 2925
 Delta R.T. 0.01 min
 Lab File: BP001363.D
 Acq: 23 Dec 2019 13:09

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.0	21.8	32.6
279	4.8	3.0	4.4





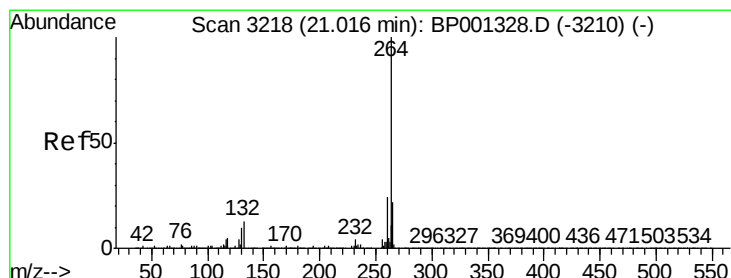
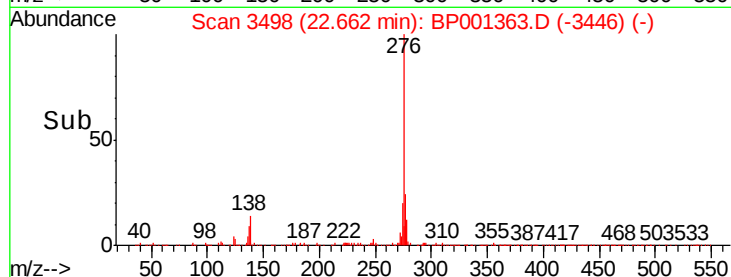
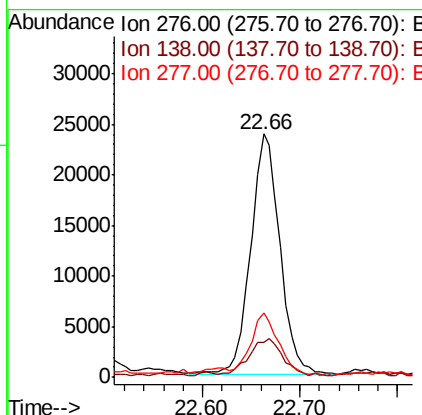
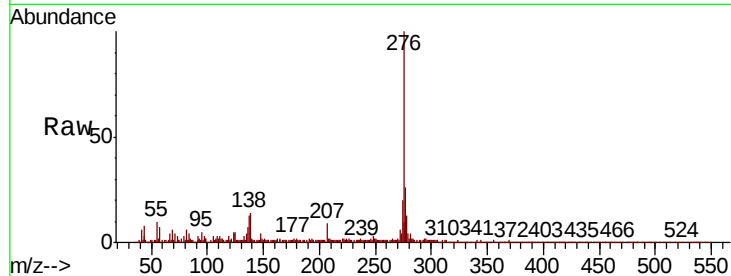
#86
 Indeno(1,2,3-cd)pyrene
 Concen: 4.486 ng
 RT: 22.66 min Scan# 3498
 Delta R.T. 0.01 min
 Lab File: BP001363.D
 Acq: 23 Dec 2019 13:09

Instrument :
 BNA_P
 ClientSampleId :
 TP2-3

Tot Ion	Ratio	Lower	Upper
276	100		
138	17.7	15.8	23.6
277	25.8	20.2	30.4

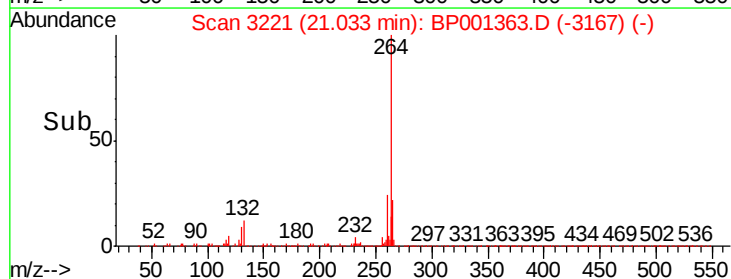
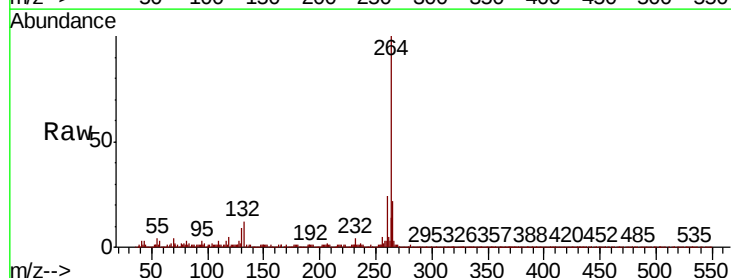
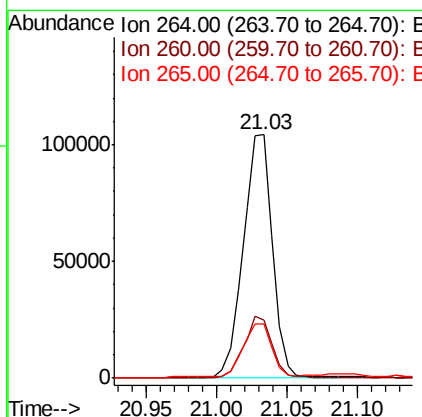
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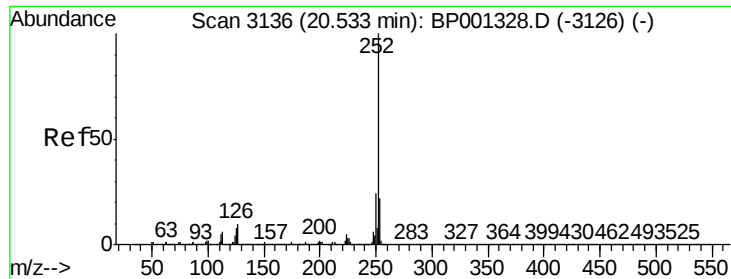
mohammad
 12/24/2019 3:05:20 PM



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 21.03 min Scan# 3221
 Delta R.T. 0.02 min
 Lab File: BP001363.D
 Acq: 23 Dec 2019 13:09

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.2	28.8
265	22.1	17.4	26.2





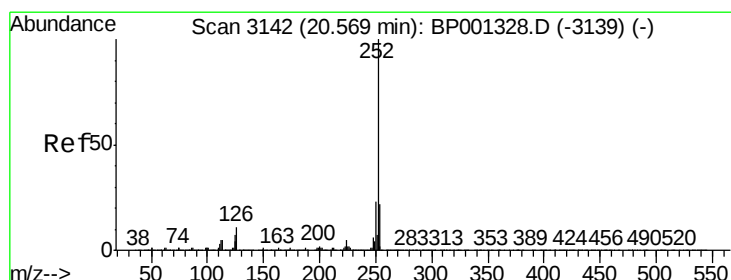
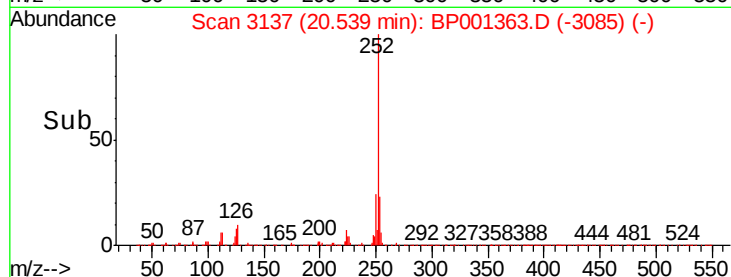
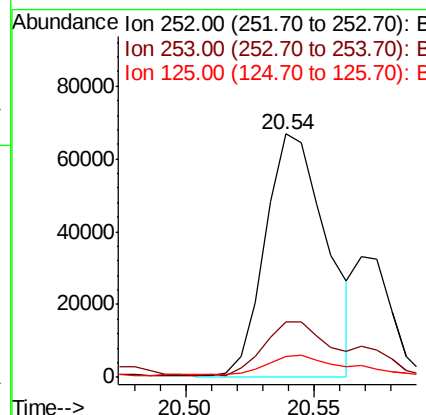
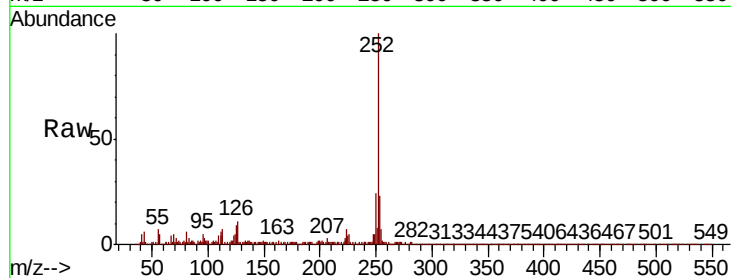
#88
Benzo(b)fluoranthene
Concen: 11.238 ng m
RT: 20.54 min Scan# 3137
Delta R.T. 0.01 min
Lab File: BP001363.D
Acq: 23 Dec 2019 13:09

Instrument :
BNA_P
ClientSampleId :
TP2-3

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.8	26.6
125	8.7	6.3	9.5

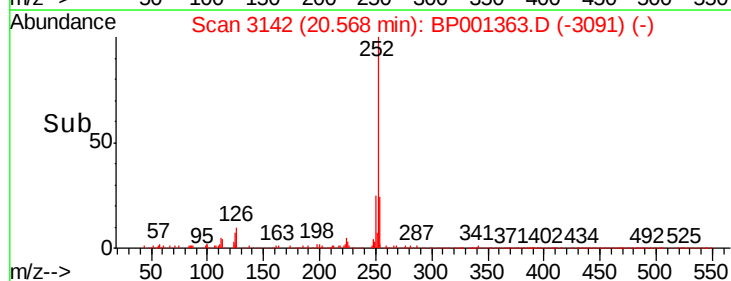
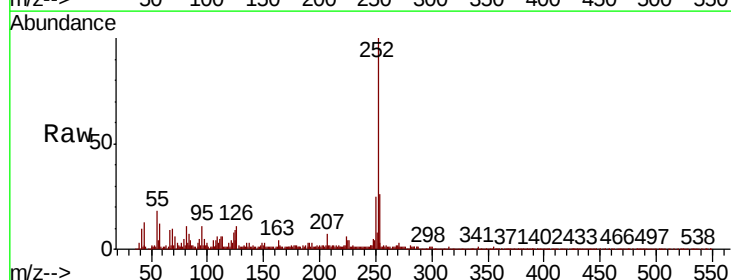
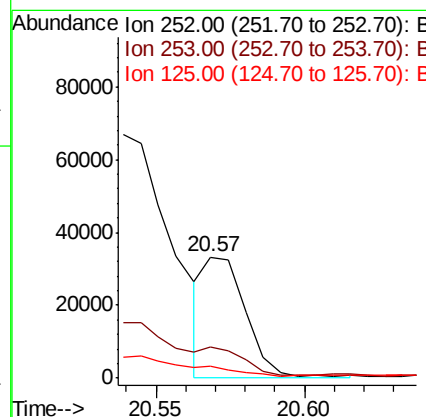
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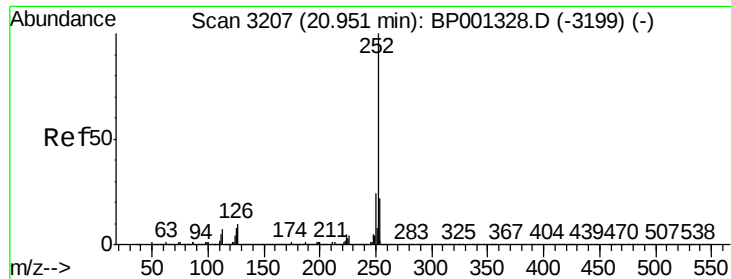
mohammad
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#89
Benzo(k)fluoranthene
Concen: 3.519 ng m
RT: 20.57 min Scan# 3142
Delta R.T. -0.00 min
Lab File: BP001363.D
Acq: 23 Dec 2019 13:09

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.6	17.4	26.0
125	9.5	5.9	8.9#





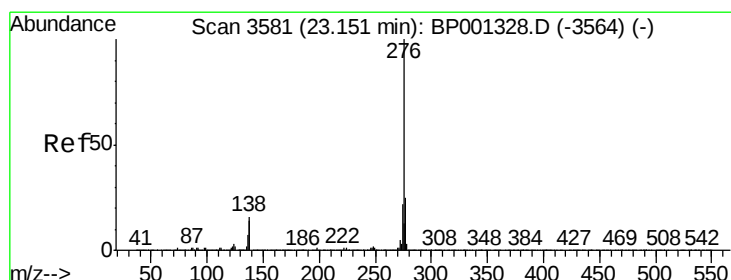
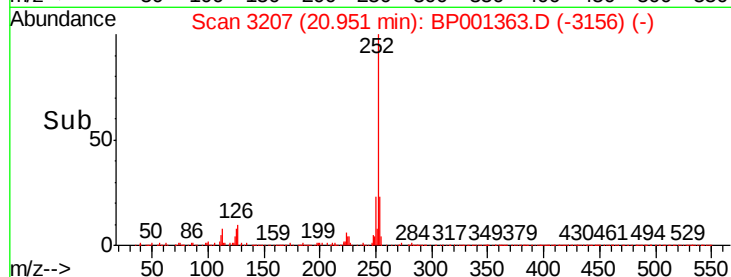
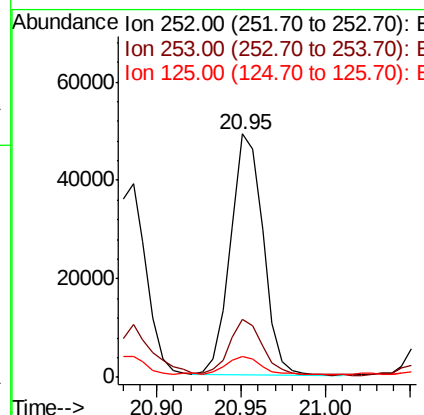
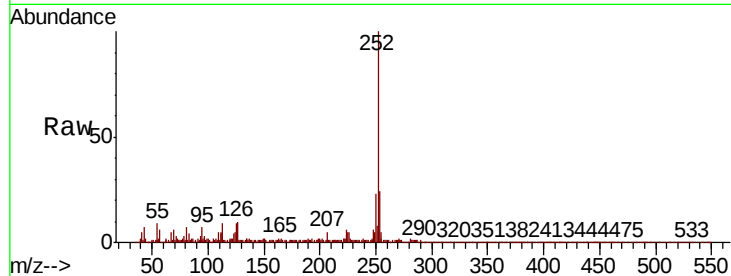
#90
Benzo(a)pyrene
Concen: 7.318 ng
RT: 20.95 min Scan# 3207
Delta R.T. -0.00 min
Lab File: BP001363.D
Acq: 23 Dec 2019 13:09

Instrument :
BNA_P
ClientSampleId :
TP2-3

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.9	17.7	26.5
125	8.8	6.3	9.5

Manual Integrations
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#92
Benzo(g,h,i)perylene
Concen: 5.758 ng
RT: 23.15 min Scan# 3581
Delta R.T. -0.00 min
Lab File: BP001363.D
Acq: 23 Dec 2019 13:09

Tgt Ion	Ratio	Lower	Upper
276	100		
277	22.5	19.6	29.4
138	20.9	12.6	18.8

