

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP120219\
 Data File : BP001141.D
 Acq On : 02 Dec 2019 22:42
 Operator : JU
 Sample : K5959-07DL 10X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 WS-112019-2-5-COMP-B4DL

Manual Integrations
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mohammad
 12/4/2019 5:00:17 PM

Quant Time: Dec 03 01:21:23 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP112719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 27 17:38:46 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.33	152	142091	20.00	ng	0.00
21) Naphthalene-d8	10.36	136	544758	20.00	ng	0.00
39) Acenaphthene-d10	13.23	164	302981	20.00	ng	0.00
64) Phenanthrene-d10	15.63	188	563736	20.00	ng	0.00
76) Chrysene-d12	19.27	240	420187	20.00	ng	0.00
87) Perylene-d12	21.06	264	470564	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.22	112	108649	12.69	ng	0.00
7) Phenol-d6	7.76	99	151734	13.30	ng	0.00
23) Nitrobenzene-d5	9.20	82	92849	7.39	ng	0.00
42) 2,4,6-Tribromophenol	14.52	330	29213	10.06	ng	0.00
45) 2-Fluorobiphenyl	12.14	172	166595	8.05	ng	-0.01
79) Terphenyl-d14	17.91	244	176142	7.76	ng	0.00
Target Compounds						
49) Acenaphthylene	12.99	152	64282	2.293	ng	96
71) Phenanthrene	15.66	178	560197	18.902	ng	100
72) Anthracene	15.74	178	157691	5.398	ng	97
75) Fluoranthene	17.37	202	943381	30.067	ng	100
78) Pyrene	17.69	202	1397897	42.239	ng	100
81) Benzo(a)anthracene	19.26	228	683616	23.465	ng	98
83) Chrysene	19.31	228	709726	27.205	ng	98
84) Bis(2-ethylhexyl)phthalate	19.32	149	377271	17.951	ng	98
86) Indeno(1,2,3-cd)pyrene	22.70	276	213074	6.930	ng	97
88) Benzo(b)fluoranthene	20.57	252	575055m	20.008	ng	
89) Benzo(k)fluoranthene	20.59	252	173120m	6.254	ng	
90) Benzo(a)pyrene	20.98	252	471163	17.797	ng	98
91) Dibenzo(a,h)anthracene	22.72	278	68311	2.637	ng	93
92) Benzo(a,h,i)perylene	23.19	276	208380	8.145	ng	95

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

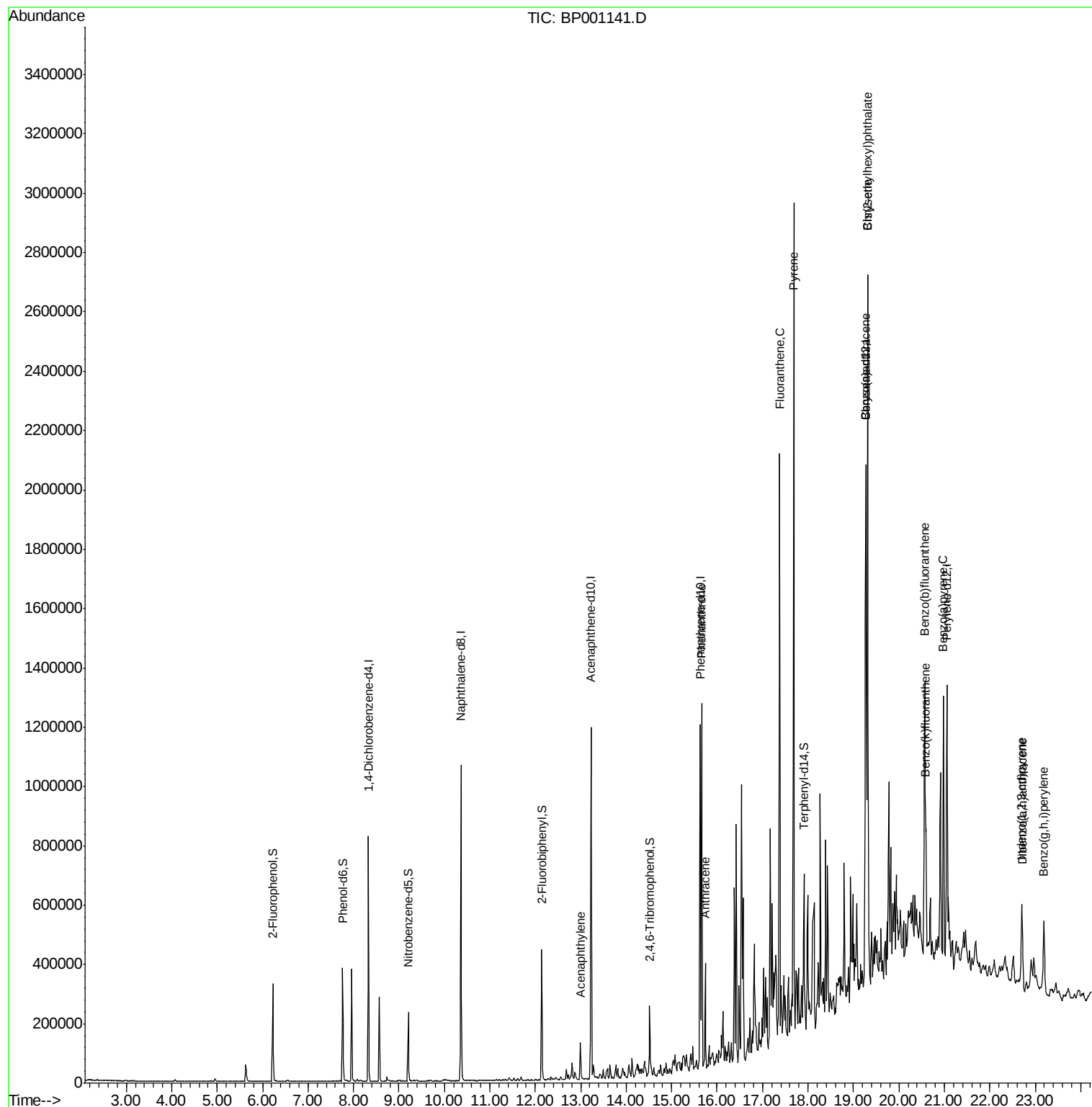
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Data File : BP001141.D
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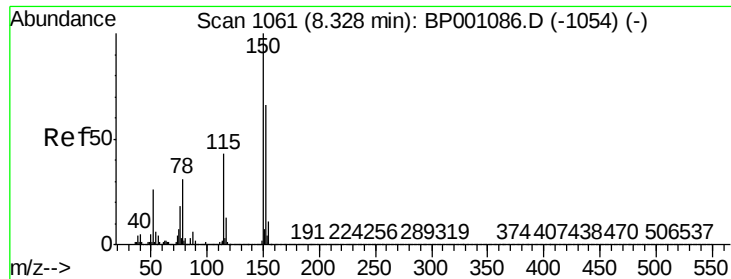
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Quant Time: Dec 03 01:21:23 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP112719.M
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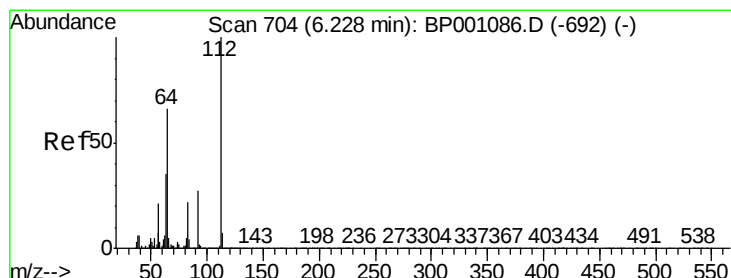
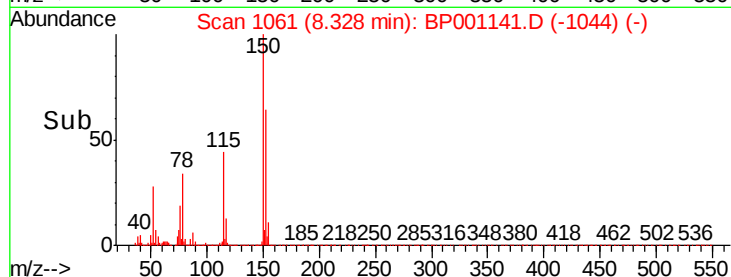
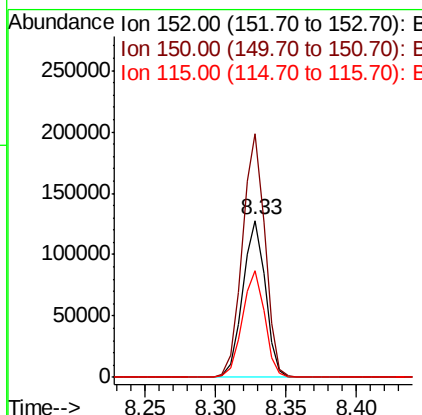
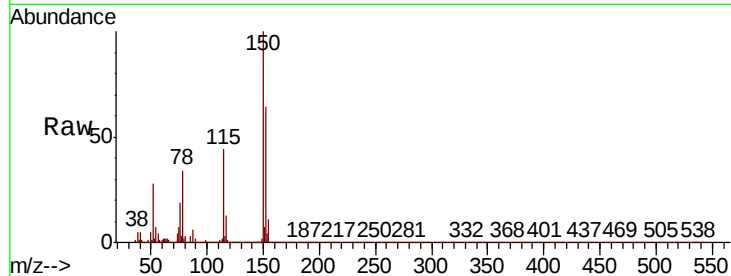
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.33 min Scan# 1061
Delta R.T. 0.00 min
Lab File: BP001141.D
Acq: 02 Dec 2019 22:42

Instrument :
BNA_P
ClientSampleId :
WS-112019-2-5-COMP-B4DL

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.5	120.6	181.0
115	68.3	51.6	77.4

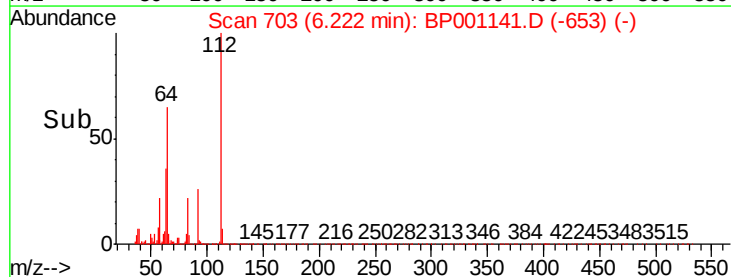
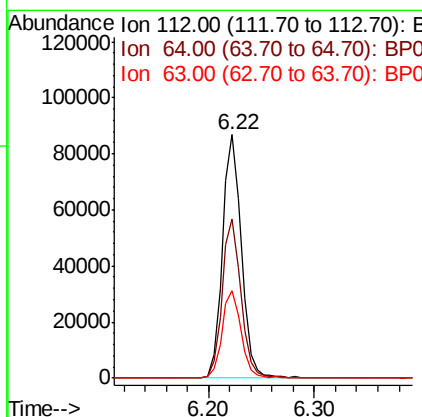
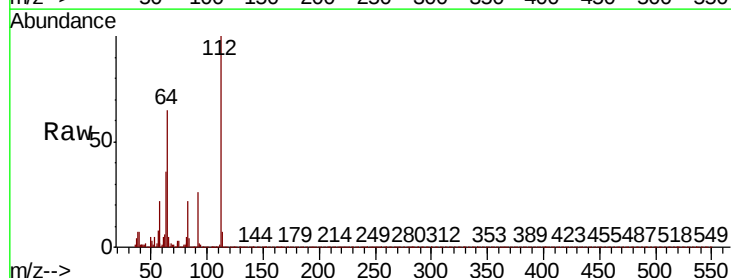
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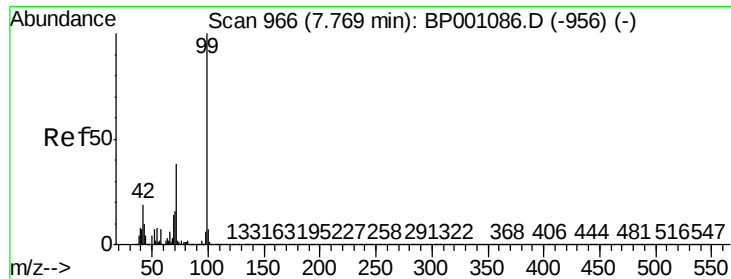
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#5
2-Fluorophenol
Concen: 12.686 ng
RT: 6.22 min Scan# 703
Delta R.T. -0.01 min
Lab File: BP001141.D
Acq: 02 Dec 2019 22:42

Tgt Ion	Ratio	Lower	Upper
112	100		
64	65.5	52.8	79.2
63	36.0	28.2	42.2





#7

Phenol-d6

Concen: 13.298 ng

RT: 7.76 min Scan# 965

Delta R.T. -0.01 min

Lab File: BP001141.D

Acq: 02 Dec 2019 22:42

Instrument :

BNA_P

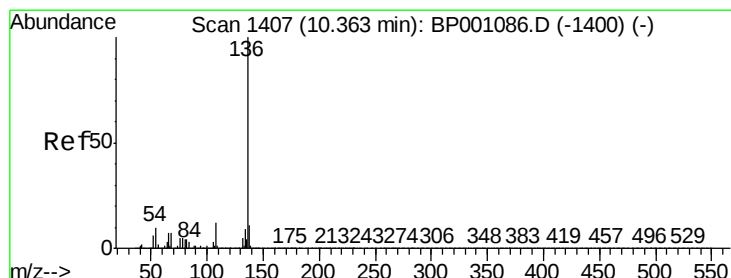
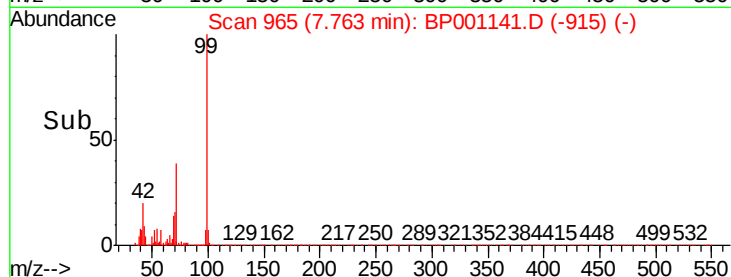
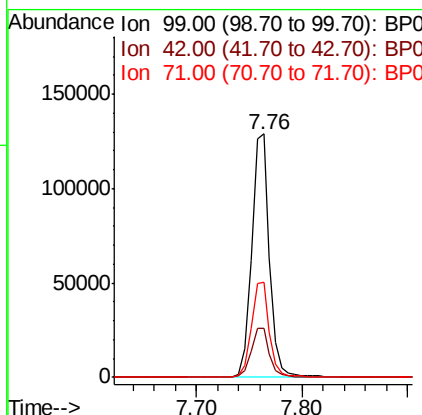
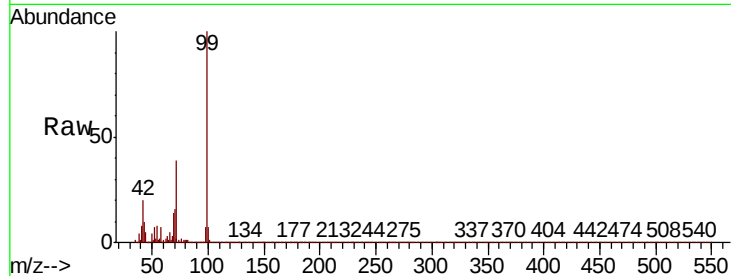
ClientSampleId :

WS-112019-2-5-COMP-B4DL

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		151734		
42	19.9	15.4	23.0		
71	39.3	30.8	46.2		

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#21

Naphthalene-d8

Concen: 20.000 ng

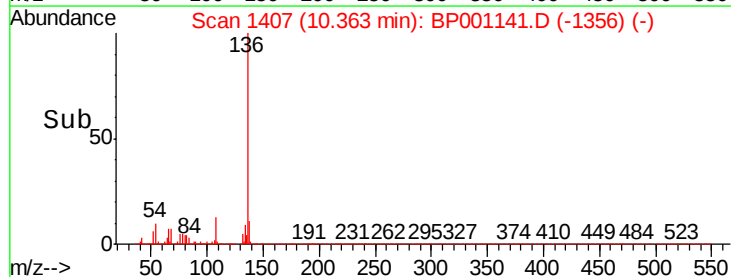
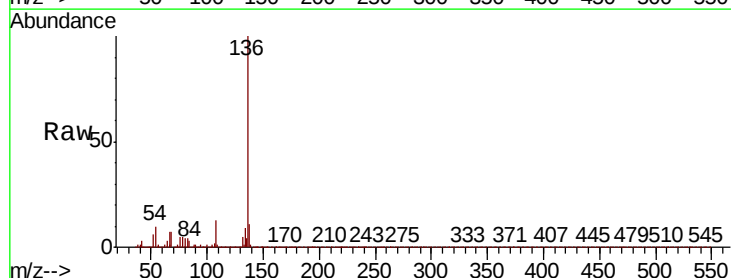
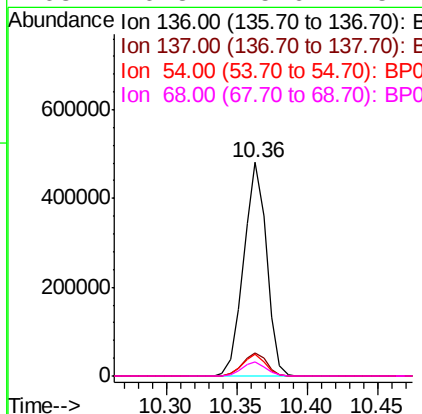
RT: 10.36 min Scan# 1407

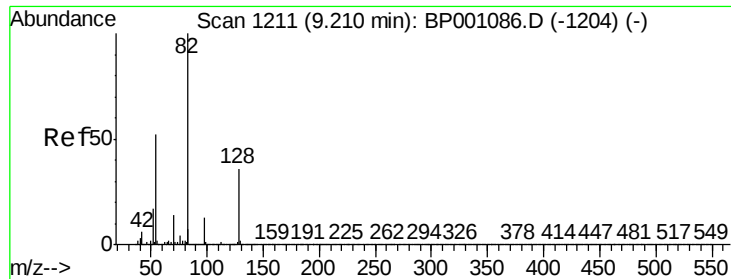
Delta R.T. 0.00 min

Lab File: BP001141.D

Acq: 02 Dec 2019 22:42

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136	100		544758		
137	10.7	8.8	13.2		
54	10.2	7.9	11.9		
68	6.8	5.6	8.4		





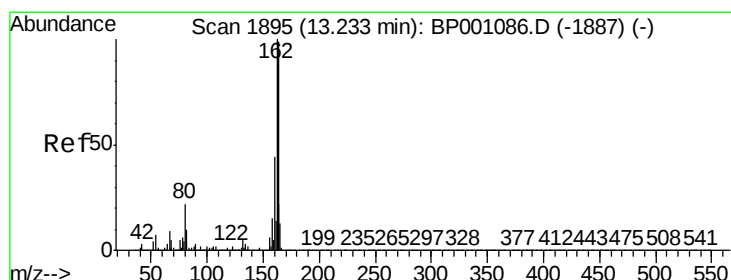
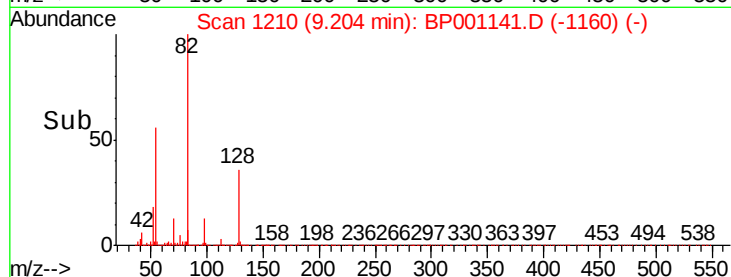
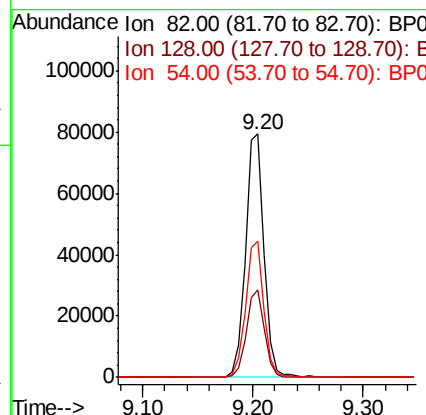
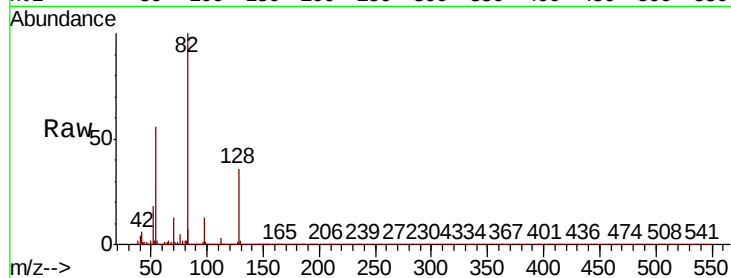
#23
Nitrobenzene-d5
Concen: 7.395 ng
RT: 9.20 min Scan# 1210
Delta R.T. -0.01 min
Lab File: BP001141.D
Acq: 02 Dec 2019 22:42

Instrument :
BNA_P
ClientSampleId :
WS-112019-2-5-COMP-B4DL

Tot Ion	Ratio	Lower	Upper
82	100		
128	35.9	28.9	43.3
54	55.8	41.9	62.9

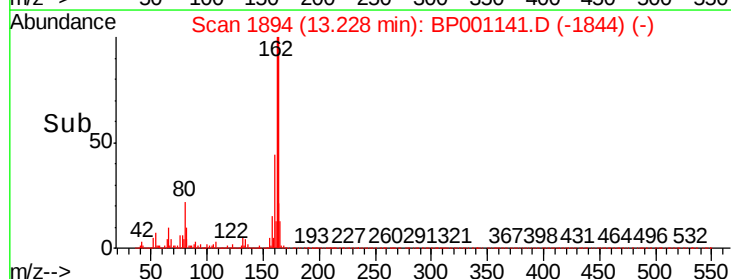
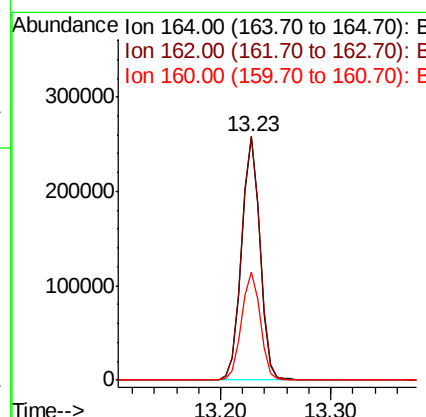
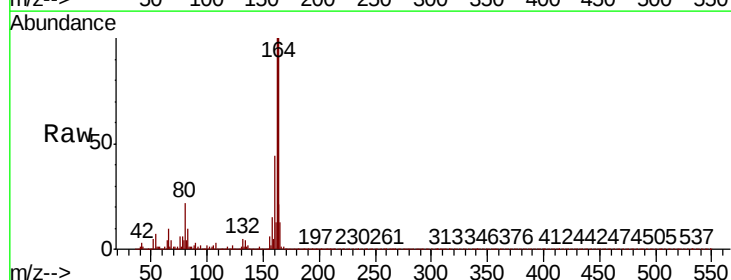
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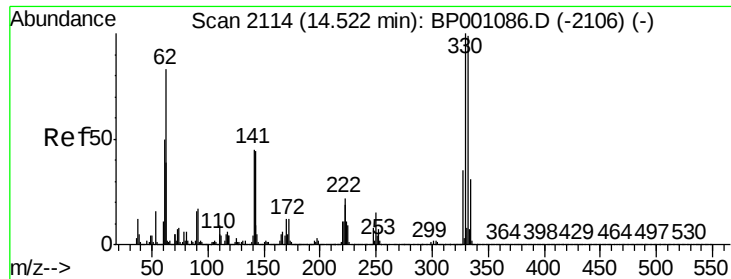
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 13.23 min Scan# 1894
Delta R.T. -0.01 min
Lab File: BP001141.D
Acq: 02 Dec 2019 22:42

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.1	80.6	120.8
160	44.5	35.4	53.2





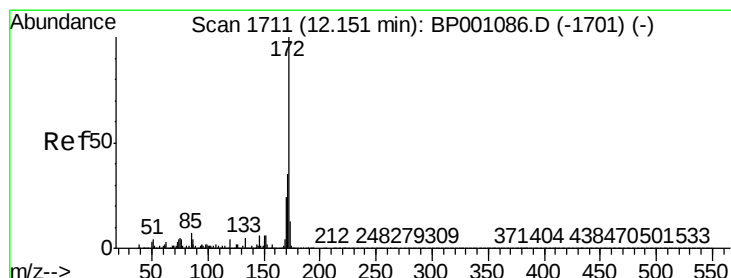
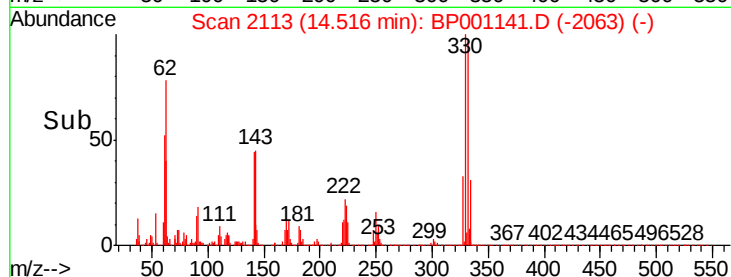
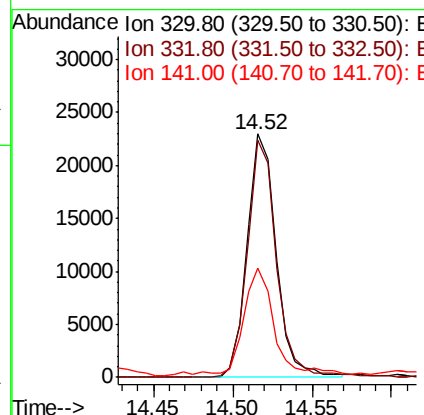
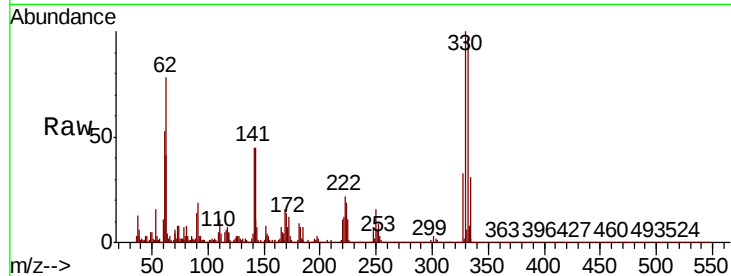
#42
 2,4,6-Tribromophenol
 Concen: 10.059 ng
 RT: 14.52 min Scan# 2113
 Delta R.T. -0.01 min
 Lab File: BP001141.D
 Acq: 02 Dec 2019 22:42

Instrument :
 BNA_P
 ClientSampleId :
 WS-112019-2-5-COMP-B4DL

Tot Ion	Ratio	Lower	Upper
330	100		
332	98.4	77.6	116.4
141	44.2	34.2	51.2

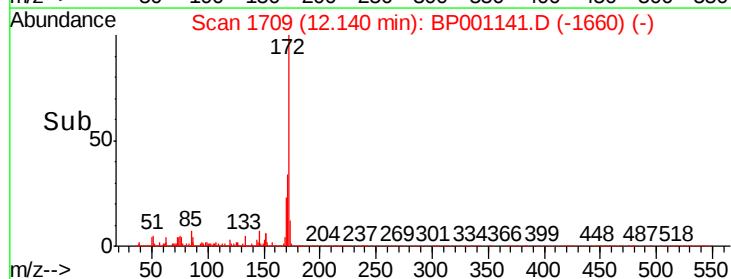
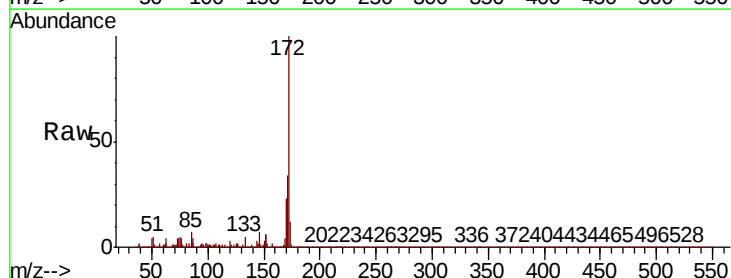
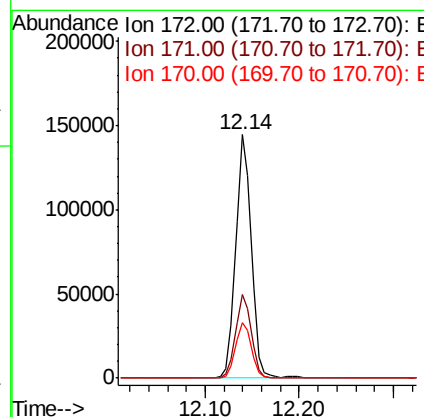
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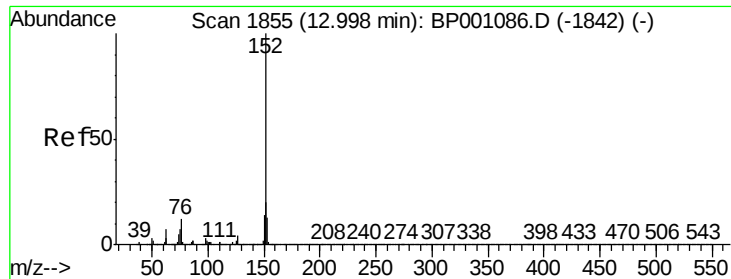
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#45
 2-Fluorobiphenyl
 Concen: 8.048 ng
 RT: 12.14 min Scan# 1709
 Delta R.T. -0.01 min
 Lab File: BP001141.D
 Acq: 02 Dec 2019 22:42

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.2	27.9	41.9
170	22.8	19.0	28.4





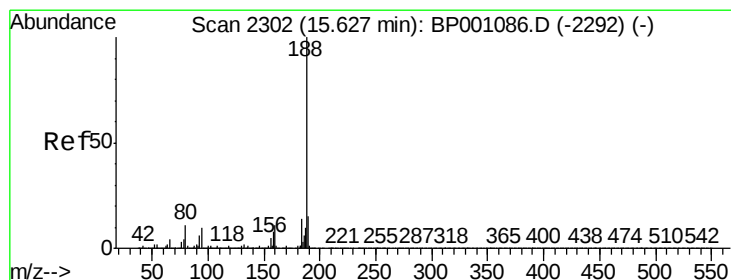
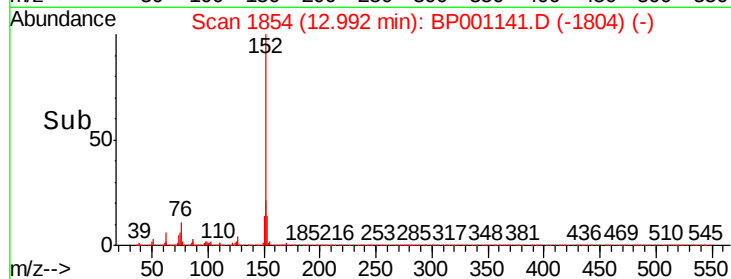
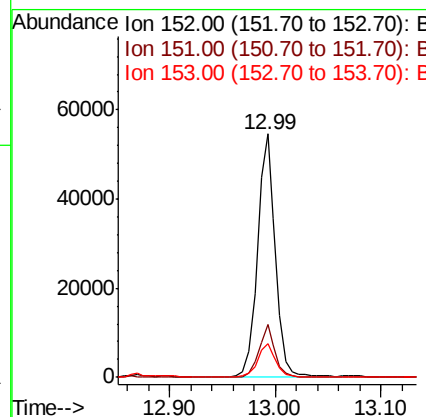
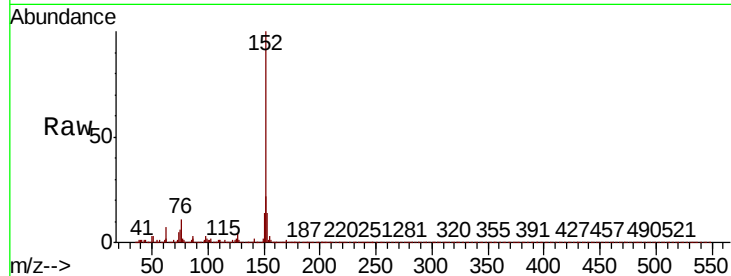
#49
Acenaphthylene
Concen: 2.293 ng
RT: 12.99 min Scan# 1854
Delta R.T. -0.01 min
Lab File: BP001141.D
Acq: 02 Dec 2019 22:42

Instrument :
BNA_P
ClientSampleId :
WS-112019-2-5-COMP-B4DL

Tot Ion	Ratio	Lower	Upper
152	100		
151	21.7	15.8	23.8
153	13.8	10.2	15.4

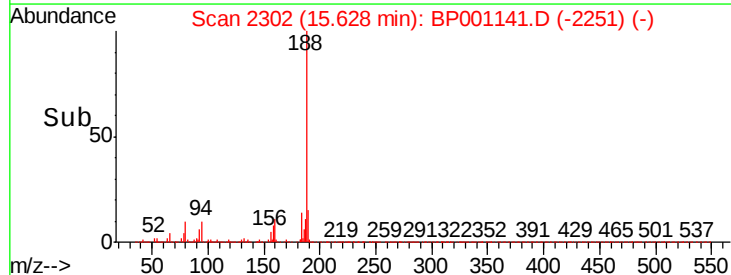
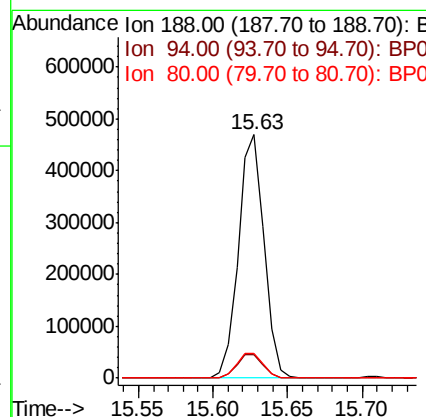
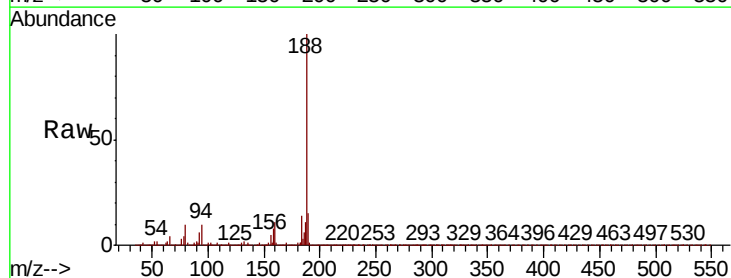
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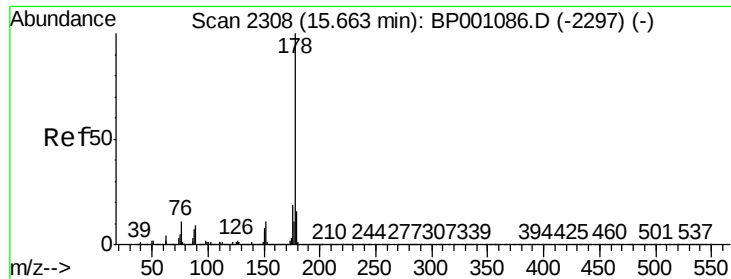
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 15.63 min Scan# 2302
Delta R.T. 0.00 min
Lab File: BP001141.D
Acq: 02 Dec 2019 22:42

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.7	7.9	11.9
80	10.3	8.8	13.2





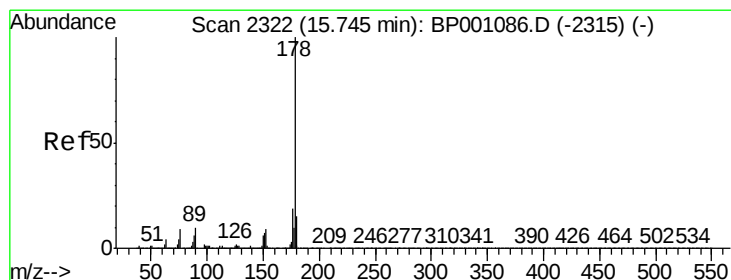
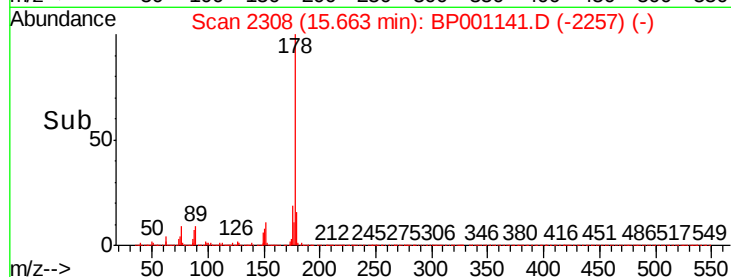
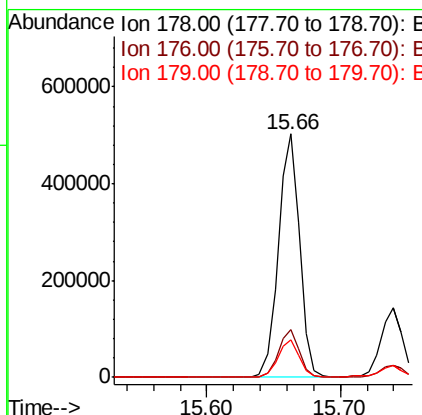
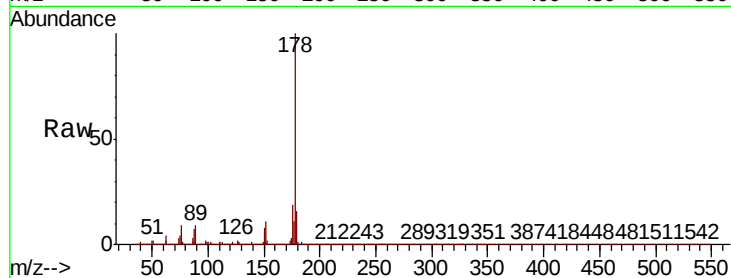
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Phenanthrene
Concen: 18.902 ng
RT: 15.66 min Scan# 2308
Delta R.T. 0.00 min
Lab File: BP001141.D
Acq: 02 Dec 2019 22:42

Instrument :
BNA_P
ClientSampleId :
WS-112019-2-5-COMP-B4DL

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.4	23.2
179	15.6	12.5	18.7

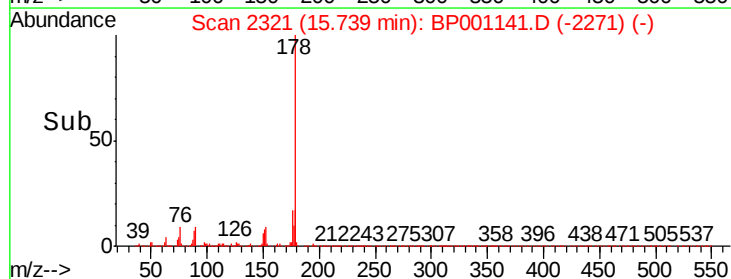
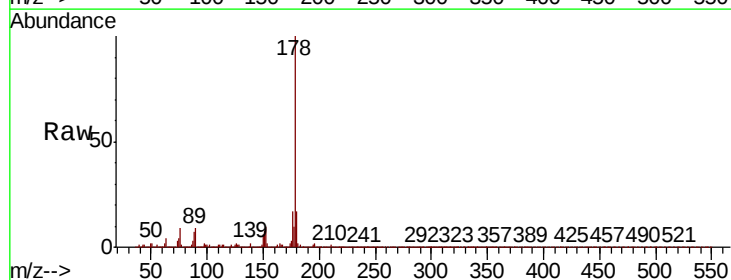
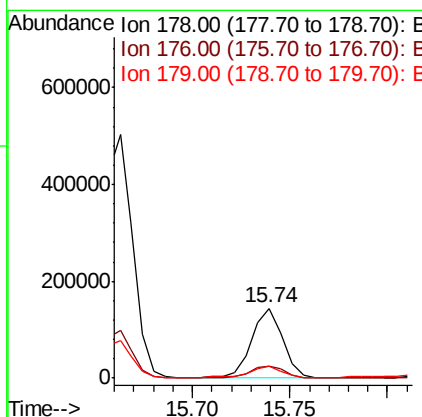
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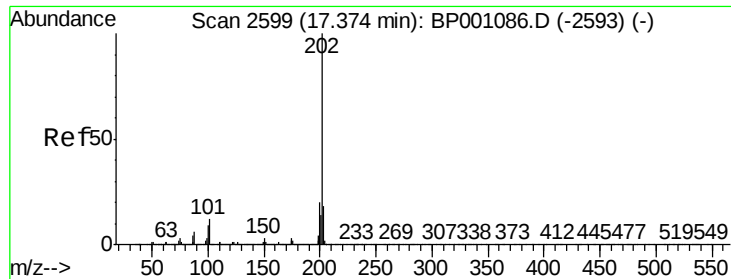
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#72
Anthracene
Concen: 5.398 ng
RT: 15.74 min Scan# 2321
Delta R.T. -0.01 min
Lab File: BP001141.D
Acq: 02 Dec 2019 22:42

Tgt Ion	Ratio	Lower	Upper
178	100		
176	17.3	14.9	22.3
179	17.0	12.2	18.4





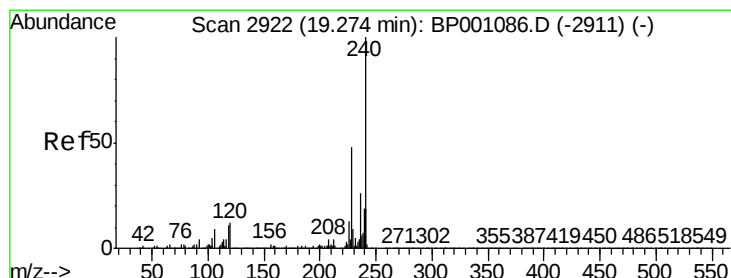
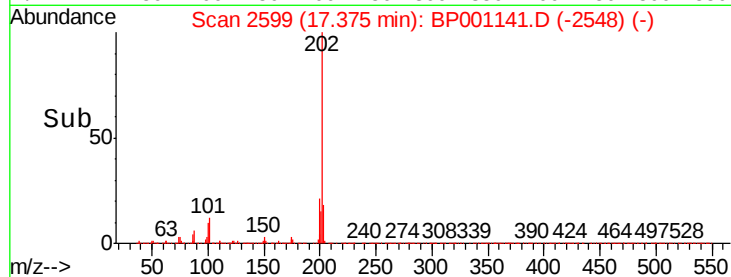
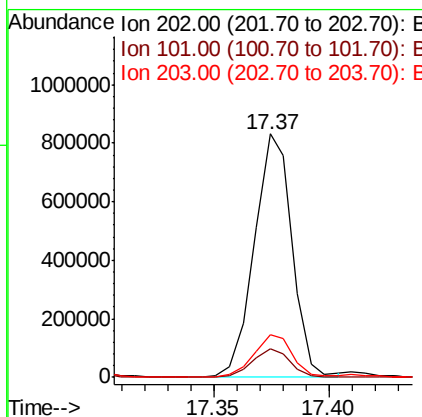
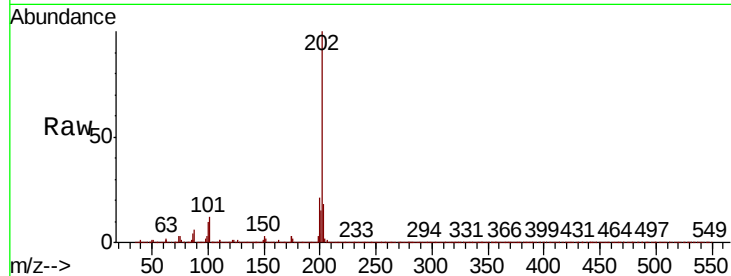
#75
 Fluoranthene
 Concen: 30.067 ng
 RT: 17.37 min Scan# 2599
 Delta R.T. 0.00 min
 Lab File: BP001141.D
 Acq: 02 Dec 2019 22:42

Instrument :
 BNA_P
 ClientSampleId :
 WS-112019-2-5-COMP-B4DL

Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100				
101	11.9	0.0	32.1		
203	17.7	0.0	37.8		

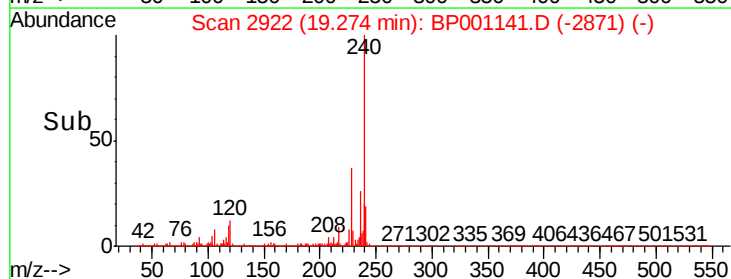
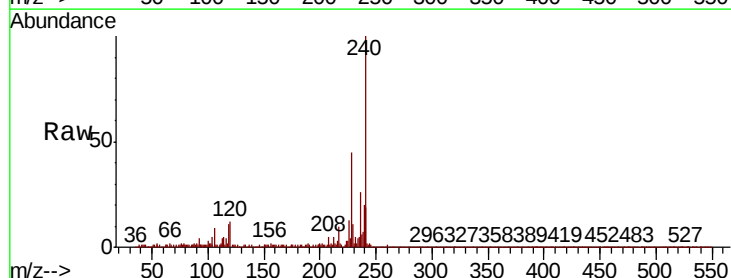
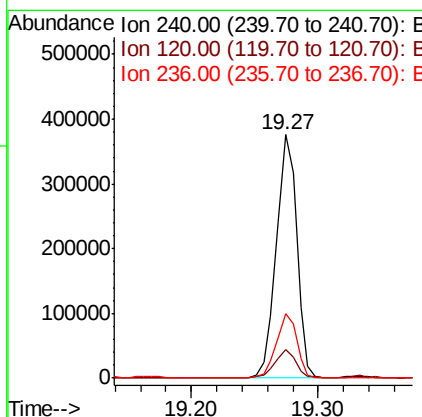
Manual Integrations
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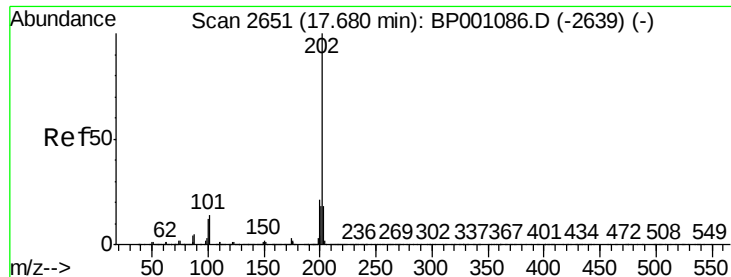
mohammad
 12/4/2019 5:00:17 PM



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 19.27 min Scan# 2922
 Delta R.T. 0.00 min
 Lab File: BP001141.D
 Acq: 02 Dec 2019 22:42

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
240	100				
120	11.9	9.5	14.3		
236	26.5	20.4	30.6		





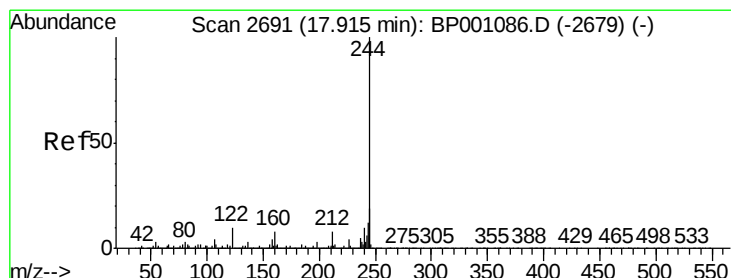
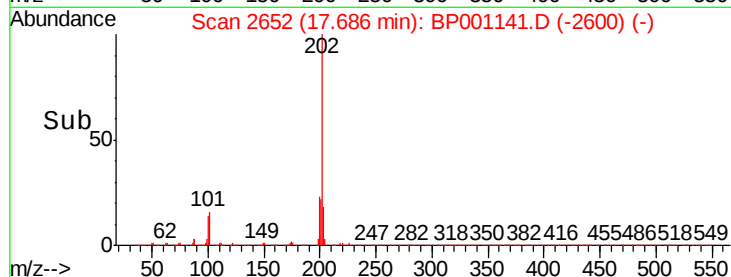
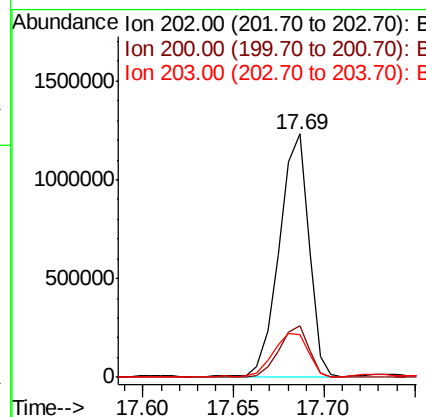
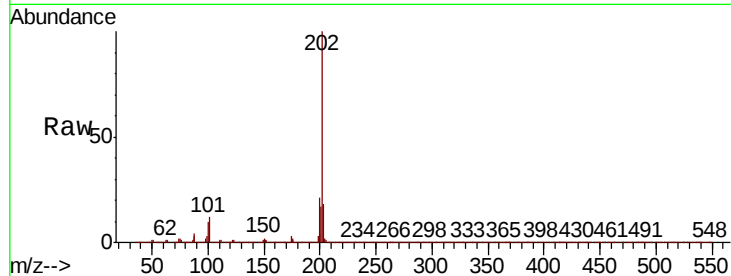
#78
Pvrene
Concen: 42.239 ng
RT: 17.69 min Scan# 2652
Delta R.T. 0.01 min
Lab File: BP001141.D
Acq: 02 Dec 2019 22:42

Instrument :
BNA_P
ClientSampleId :
WS-112019-2-5-COMP-B4DL

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.3	17.0	25.6
203	17.7	14.1	21.1

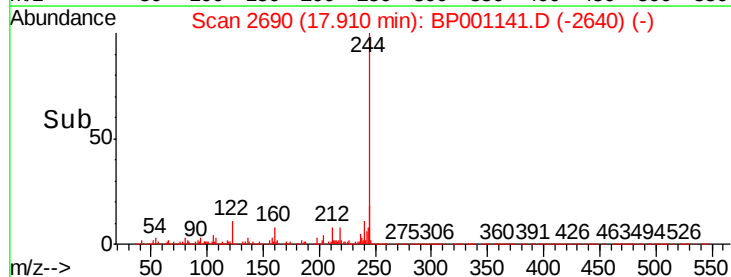
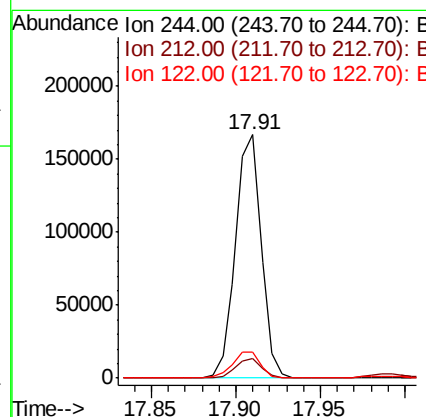
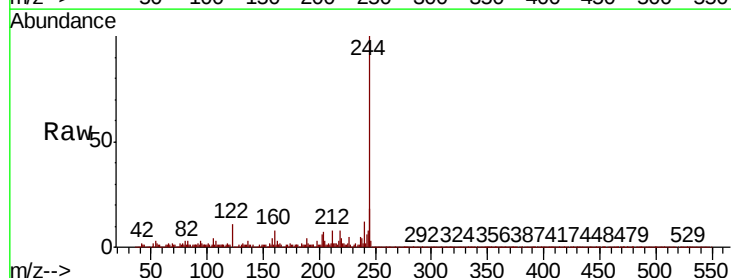
Manual Integrations
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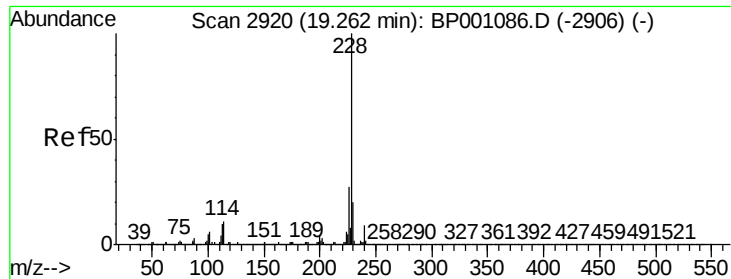
mohammad
12/4/2019 5:00:17 PM



#79
Terphenyl-d14
Concen: 7.756 ng
RT: 17.91 min Scan# 2690
Delta R.T. -0.01 min
Lab File: BP001141.D
Acq: 02 Dec 2019 22:42

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.2	6.2	9.2
122	10.7	8.2	12.2





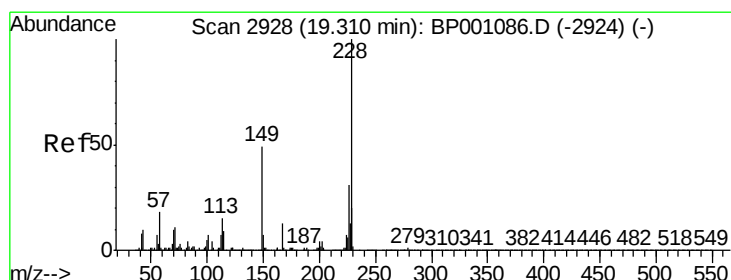
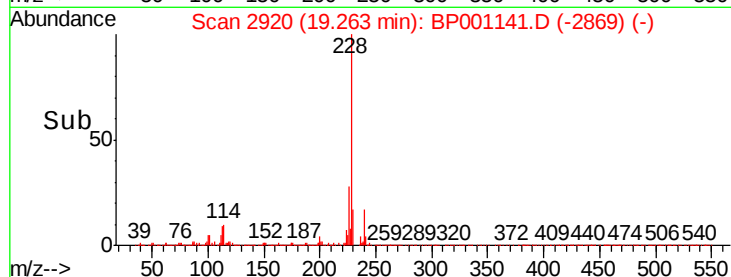
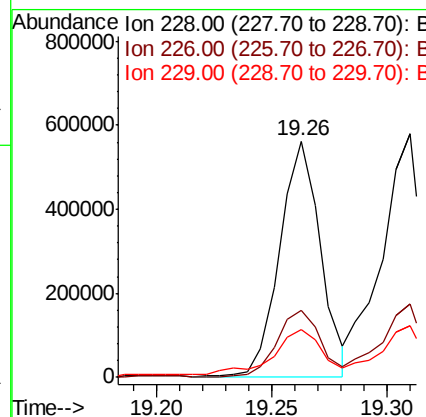
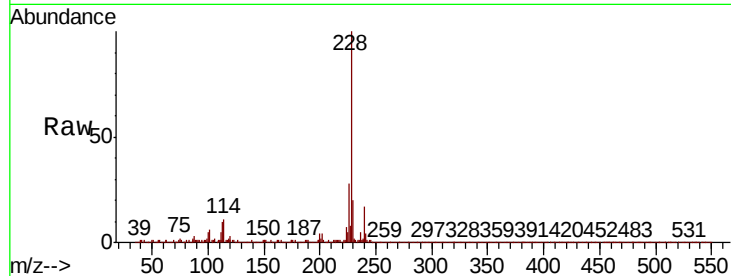
#81
Benzo(a)anthracene
Concen: 23.465 ng
RT: 19.26 min Scan# 2920
Delta R.T. 0.00 min
Lab File: BP001141.D
Acq: 02 Dec 2019 22:42

Instrument :
BNA_P
ClientSampleId :
WS-112019-2-5-COMP-B4DL

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.3	21.8	32.6
229	20.2	15.8	23.6

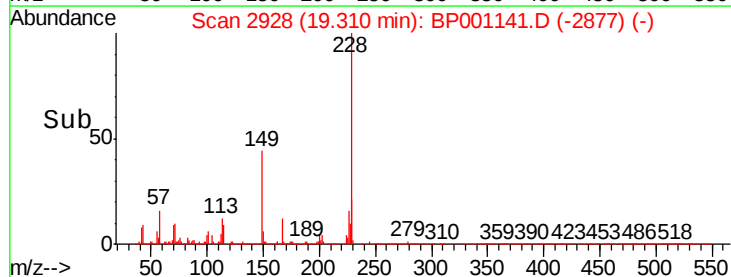
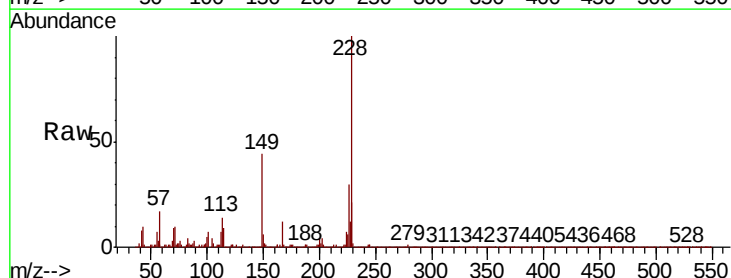
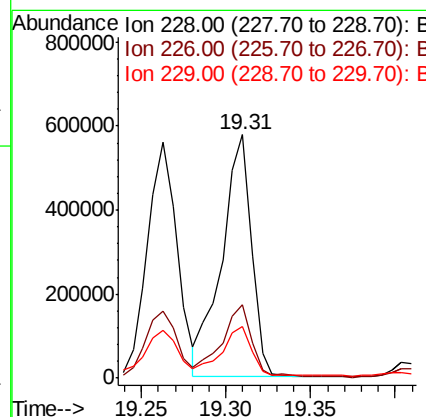
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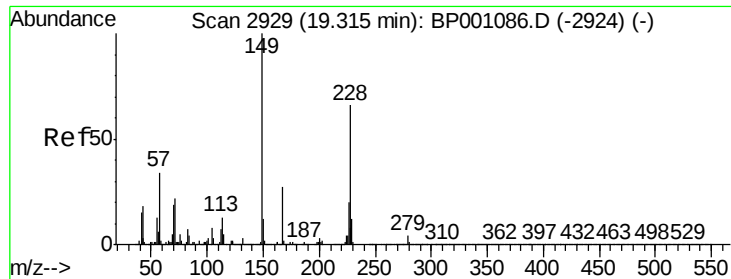
mohammad
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#83
Chrysene
Concen: 27.205 ng
RT: 19.31 min Scan# 2928
Delta R.T. 0.00 min
Lab File: BP001141.D
Acq: 02 Dec 2019 22:42

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.0	24.4	36.6
229	21.1	15.7	23.5





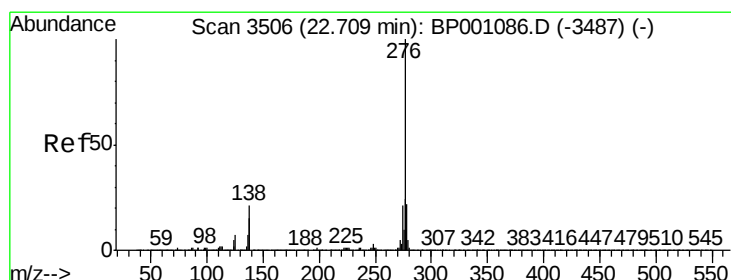
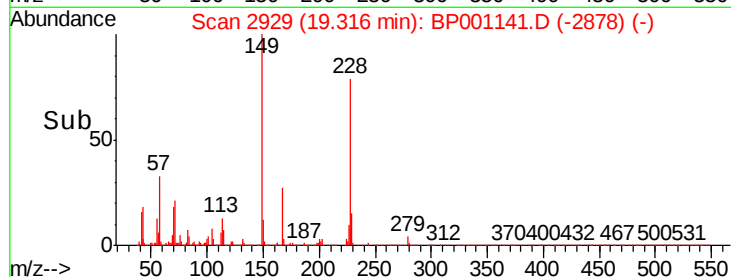
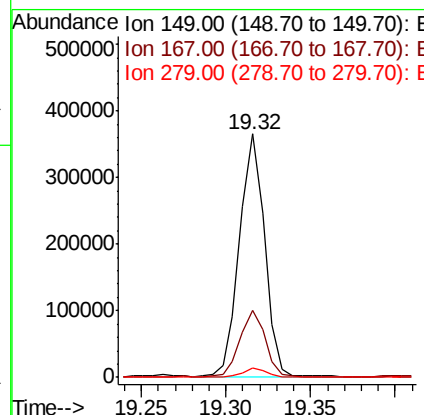
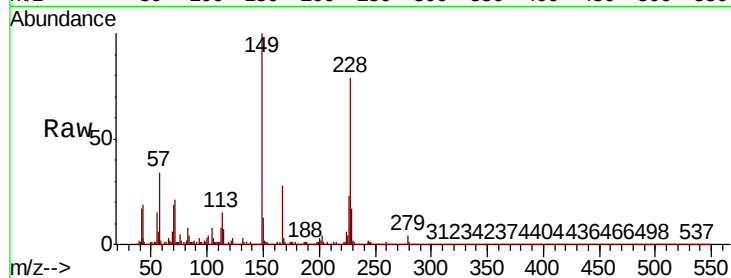
#84
Bis(2-ethylhexyl)phthalate
Concen: 17.951 ng
RT: 19.32 min Scan# 2929
Delta R.T. 0.00 min
Lab File: BP001141.D
Acq: 02 Dec 2019 22:42

Instrument :
BNA_P
ClientSampleId :
WS-112019-2-5-COMP-B4DL

Tot Ion	Ratio	Resp Lower	Upper
149	100		
167	27.7	21.3	31.9
279	3.8	2.8	4.2

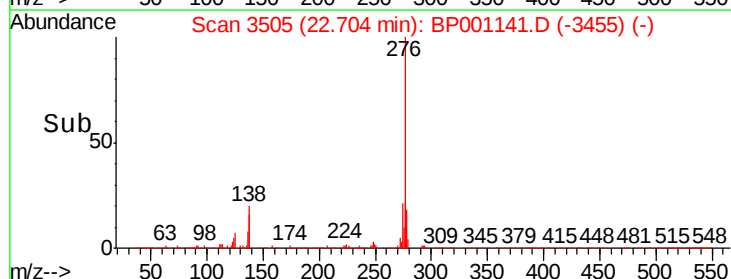
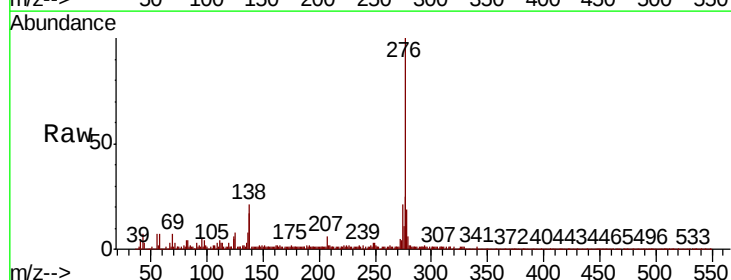
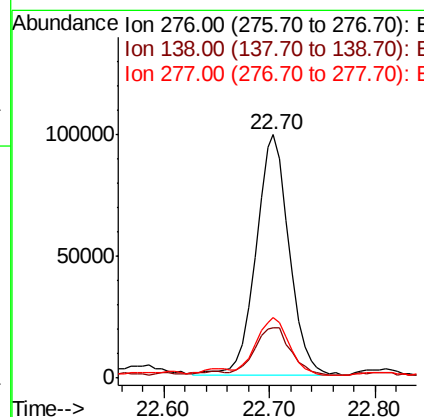
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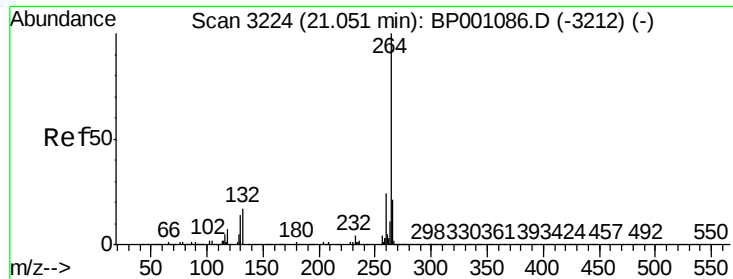
mohammad
12/4/2019 5:00:17 PM



#86
Indeno(1,2,3-cd)pyrene
Concen: 6.930 ng
RT: 22.70 min Scan# 3505
Delta R.T. -0.01 min
Lab File: BP001141.D
Acq: 02 Dec 2019 22:42

Tgt Ion	Ratio	Resp Lower	Upper
276	100		
138	22.7	20.6	30.8
277	24.7	20.0	30.0





#87

Pervlene-d12

Concen: 20.000 ng

RT: 21.06 min Scan# 3225

Delta R.T. 0.01 min

Lab File: BP001141.D

Acq: 02 Dec 2019 22:42

Instrument :

BNA_P

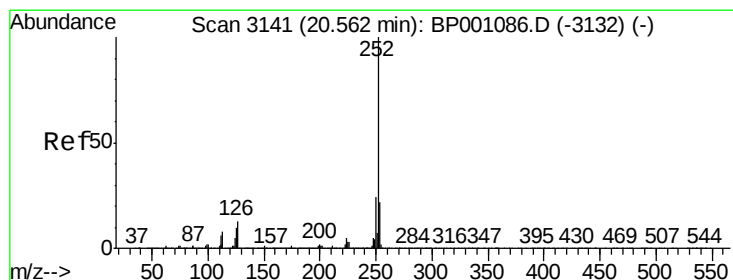
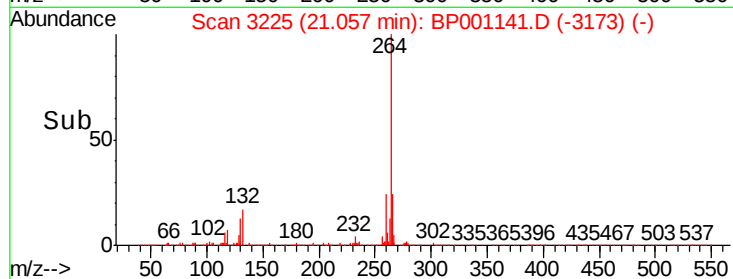
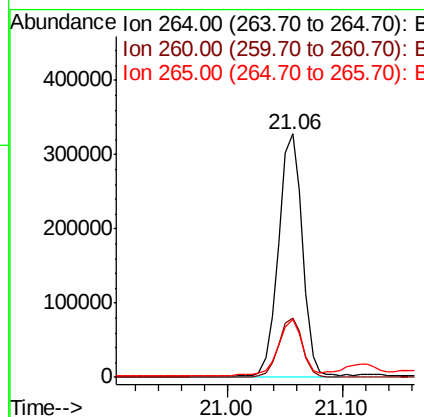
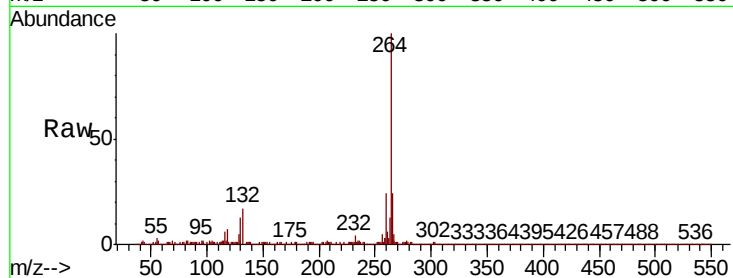
ClientSampleId :

WS-112019-2-5-COMP-B4DL

Tot Ion:	264	Resp:	470564
Ion Ratio	Lower	Upper	
264	100		
260	24.3	18.8	28.2
265	23.9	16.9	25.3

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#88

Benzo(b)fluoranthene

Concen: 20.008 ng m

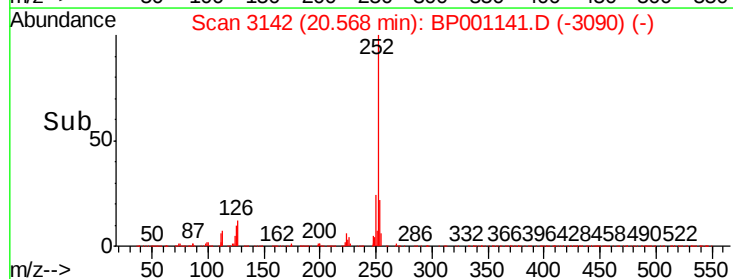
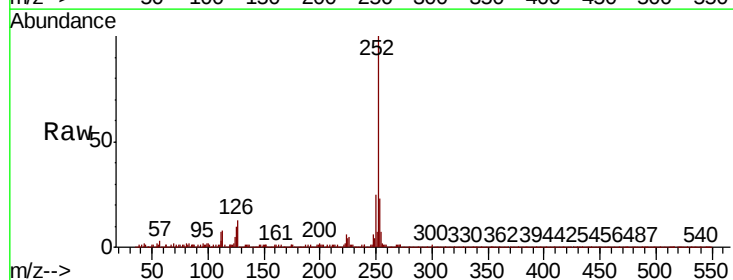
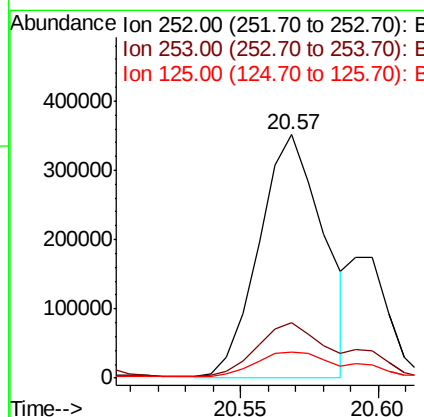
RT: 20.57 min Scan# 3142

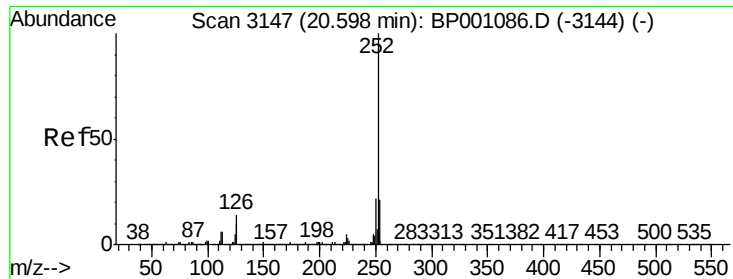
Delta R.T. 0.01 min

Lab File: BP001141.D

Acq: 02 Dec 2019 22:42

Tgt Ion:	252	Resp:	575055
Ion Ratio	Lower	Upper	
252	100		
253	22.7	17.4	26.0
125	10.4	8.1	12.1





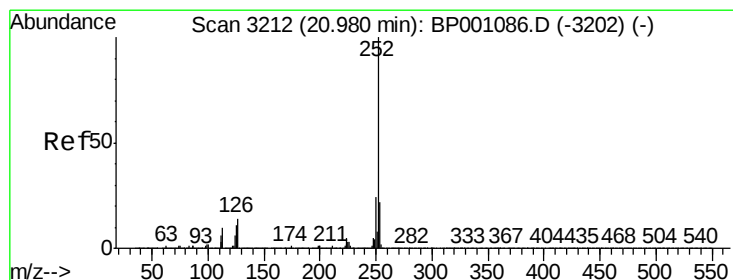
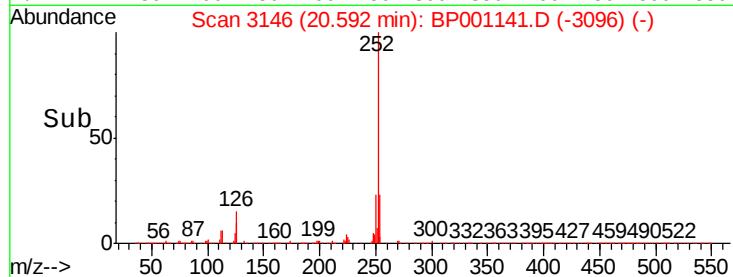
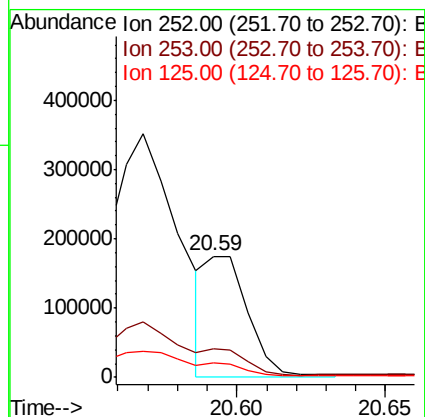
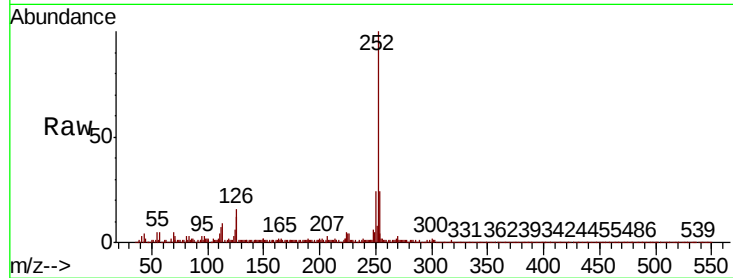
#89
Benzo(k)fluoranthene
Concen: 6.254 ng m
RT: 20.59 min Scan# 3146
Delta R.T. -0.01 min
Lab File: BP001141.D
Acq: 02 Dec 2019 22:42

Instrument :
BNA_P
ClientSampleId :
WS-112019-2-5-COMP-B4DL

Tot Ion:	252	Resp:	173120
Ion Ratio	Lower	Upper	
252	100		
253	23.9	17.1	25.7
125	11.6	8.2	12.2

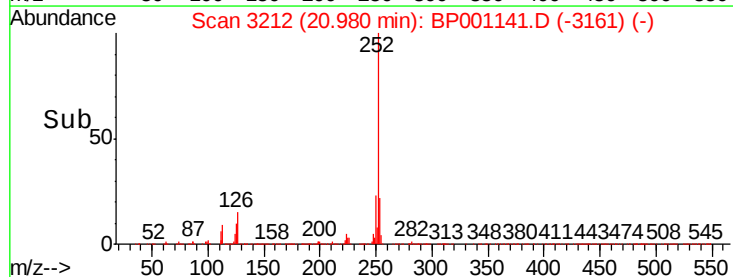
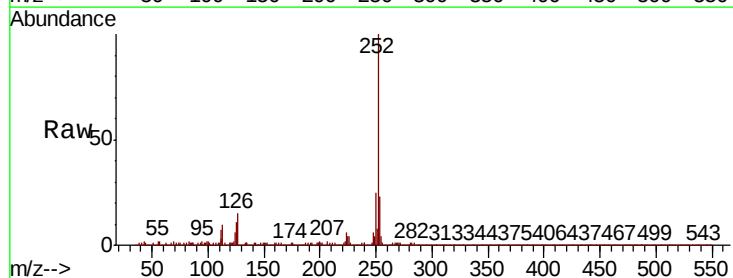
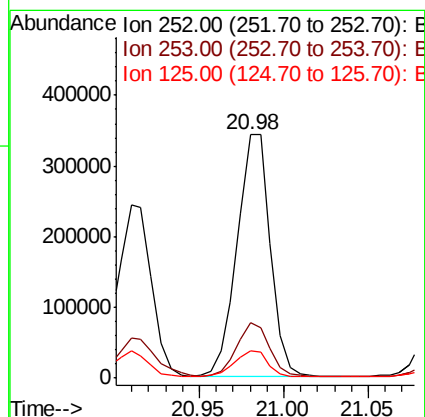
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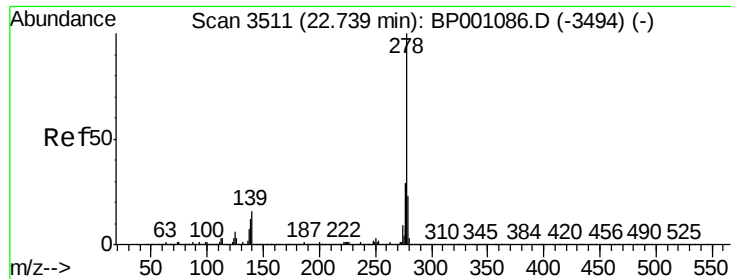
mohammad
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#90
Benzo(a)pyrene
Concen: 17.797 ng
RT: 20.98 min Scan# 3212
Delta R.T. 0.00 min
Lab File: BP001141.D
Acq: 02 Dec 2019 22:42

Tgt Ion:	252	Resp:	471163
Ion Ratio	Lower	Upper	
252	100		
253	23.0	17.4	26.0
125	11.2	8.7	13.1





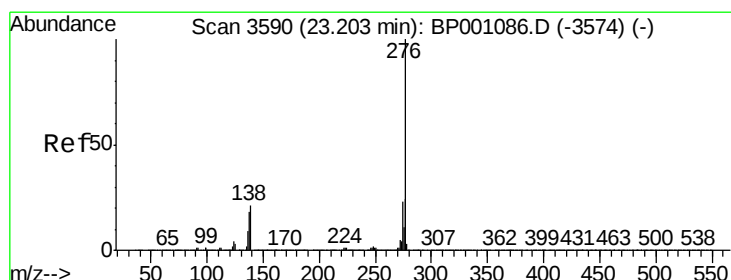
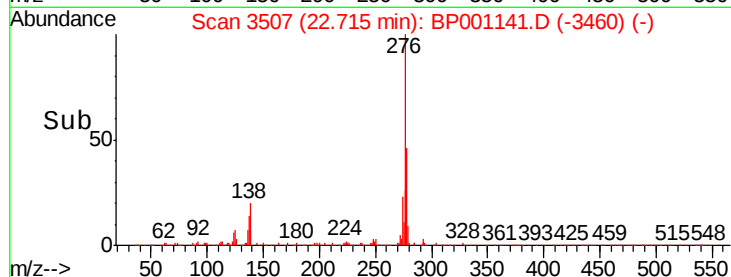
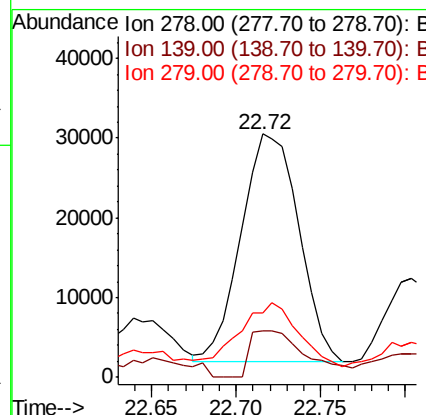
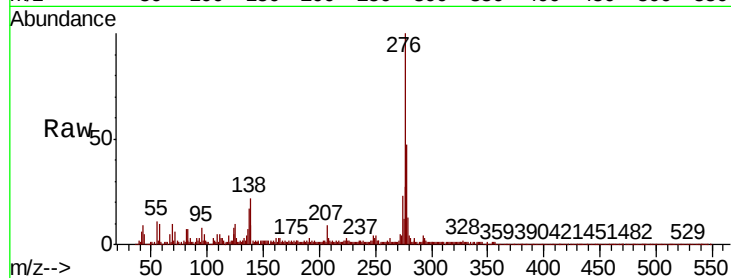
#91
Dibenzo(a,h)anthracene
Concen: 2.637 ng
RT: 22.72 min Scan# 3507
Delta R.T. -0.02 min
Lab File: BP001141.D
Acq: 02 Dec 2019 22:42

Instrument :
BNA_P
ClientSampleId :
WS-112019-2-5-COMP-B4DL

Tot Ion	Ratio	Lower	Upper
278	100		
139	19.3	13.0	19.4
279	26.7	18.7	28.1

Manual Integrations
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12/4/2019 5:00:17 PM



#92
Benzo(g,h,i)perylene
Concen: 8.145 ng
RT: 23.19 min Scan# 3588
Delta R.T. -0.01 min
Lab File: BP001141.D
Acq: 02 Dec 2019 22:42

Tgt Ion	Ratio	Lower	Upper
276	100		
277	25.8	19.2	28.8
138	24.4	17.2	25.8

