

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP101819\
 Data File : BP000900.D
 Acq On : 19 Oct 2019 01:05
 Operator : JU
 Sample : K5420-13
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SP-1

Manual Integrations
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mohammad
 10/22/2019 1:39:46 AM

Quant Time: Oct 19 06:24:36 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP100119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 18 16:40:44 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	165827	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	599806	20.00	ng	0.00
39) Acenaphthene-d10	9.79	164	323850	20.00	ng	0.00
64) Phenanthrene-d10	11.29	188	590135	20.00	ng	0.00
76) Chrysene-d12	13.96	240	497273	20.00	ng	0.00
87) Perylene-d12	15.44	264	574682	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	954894	92.56	ng	0.02
7) Phenol-d6	6.40	99	1222341	98.33	ng	0.01
23) Nitrobenzene-d5	7.30	82	637656	64.93	ng	0.00
42) 2,4,6-Tribromophenol	10.59	330	373592	108.26	ng	0.00
45) 2-Fluorobiphenyl	9.10	172	1379279	68.91	ng	0.00
79) Terphenyl-d14	12.89	244	1479774	60.25	ng	0.00

Target Compounds				Qvalue		
10) Phenol	6.41	94	29879	2.347	ng	# 56
49) Acenaphthylene	9.65	152	67975	2.384	ng	99
50) Dimethylphthalate	9.50	163	346819	15.412	ng	100
52) Acenaphthene	9.82	154	37636	2.176	ng	100
58) Fluorene	10.34	166	42147	2.287	ng	98
71) Phenanthrene	11.31	178	773076	26.084	ng	99
72) Anthracene	11.36	178	195379	6.648	ng	99
73) Carbazole	11.52	167	85551	3.140	ng	99
75) Fluoranthene	12.52	202	1471158	44.196	ng	99
78) Pyrene	12.75	202	1300748	37.926	ng	99
80) Butylbenzylphthalate	13.37	149	653896	43.753	ng	98
81) Benzo(a)anthracene	13.95	228	813620	26.816	ng	97
83) Chrysene	13.99	228	761145	25.560	ng	98
84) Bis(2-ethylhexyl)phthalate	13.95	149	639613	34.029	ng	# 98
86) Indeno(1,2,3-cd)pyrene	16.91	276	435121	11.697	ng	95
88) Benzo(b)fluoranthene	15.02	252	1184466m	36.330	ng	
89) Benzo(k)fluoranthene	15.04	252	314842m	10.143	ng	
90) Benzo(a)pyrene	15.38	252	748405	24.625	ng	98
91) Dibenzo(a,h)anthracene	16.92	278	126943m	4.307	ng	
92) Benzo(a,h,i)perylene	17.35	276	381788	12.746	ng	99

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

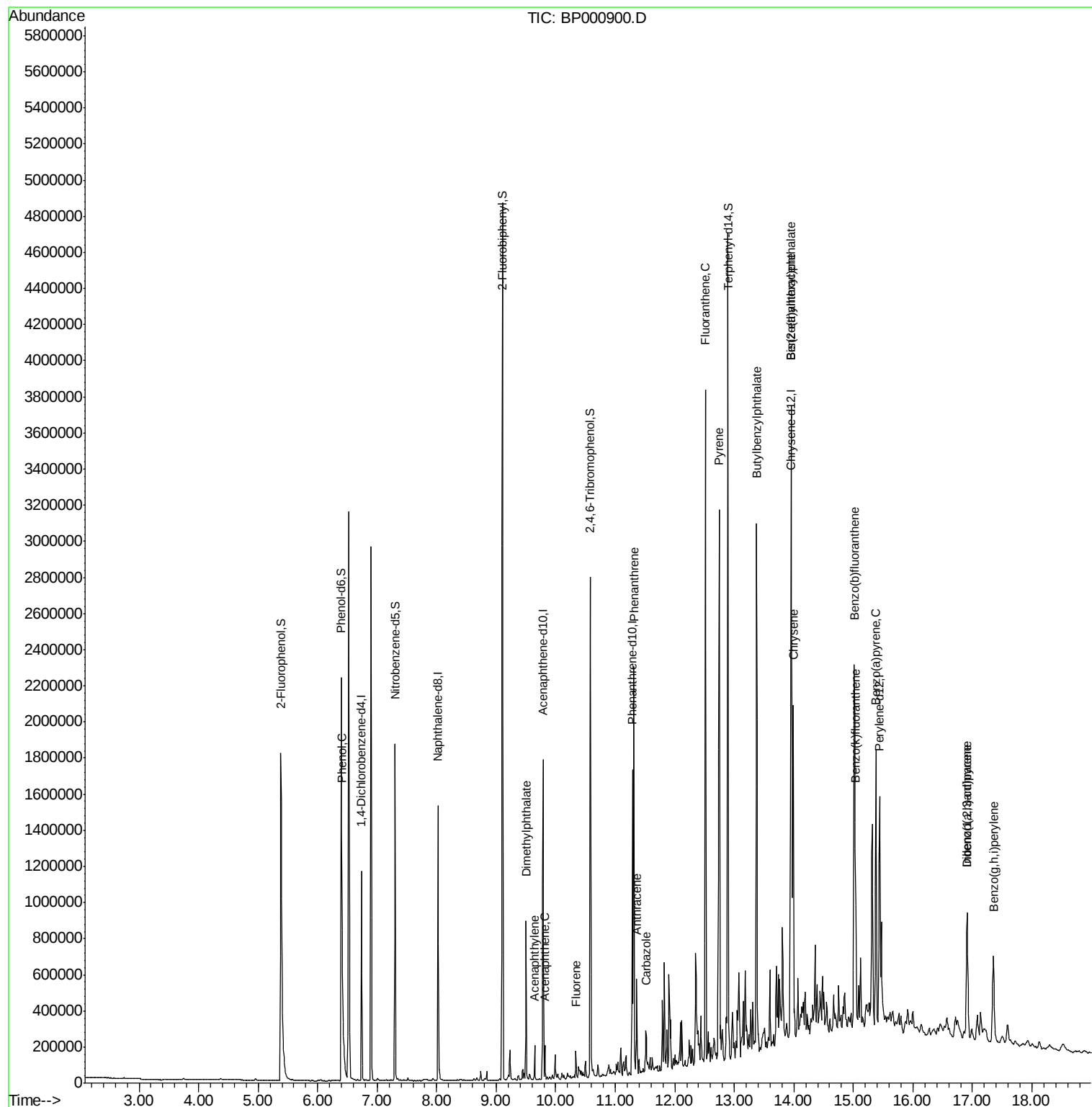
Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP101819\
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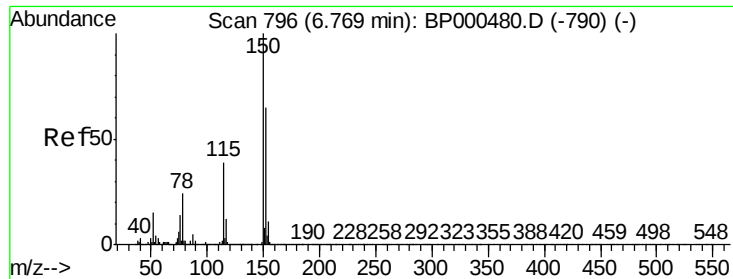
Instrument :
BNA_P
ClientSampleId :
SP-1

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

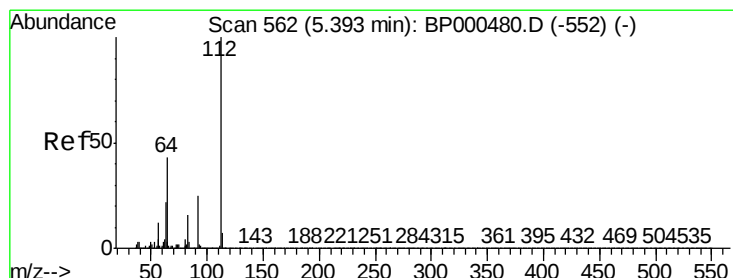
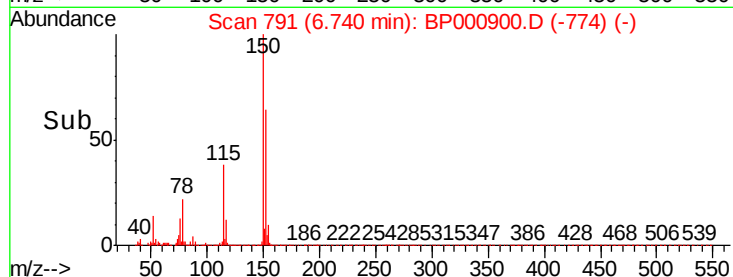
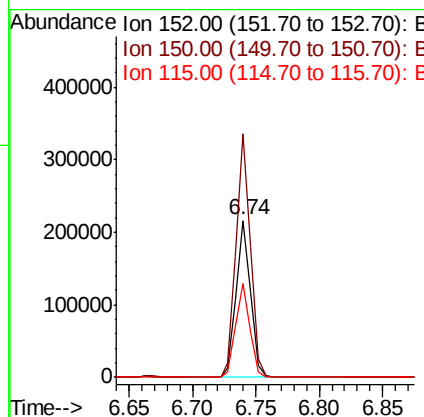
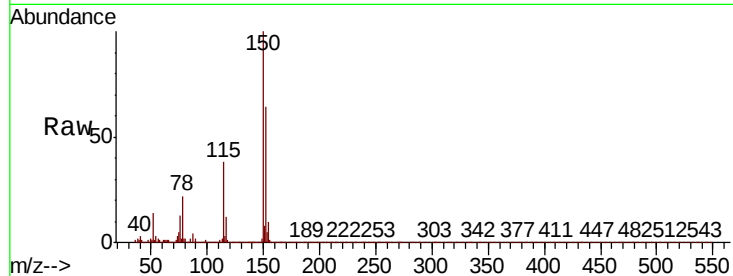
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.74 min Scan# 791
Delta R.T. -0.00 min
Lab File: BP000900.D
Acq: 19 Oct 2019 01:05

Instrument :
BNA_P
ClientSampleId :
SP-1

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.1	123.8	185.8
115	59.5	46.8	70.2

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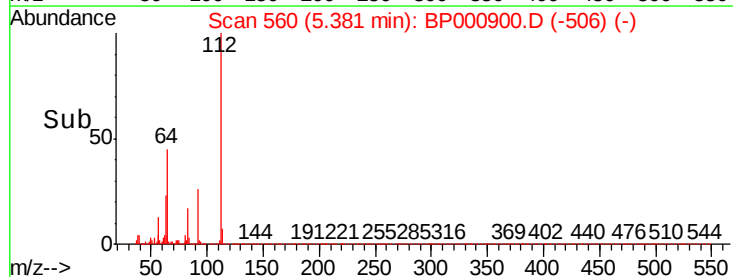
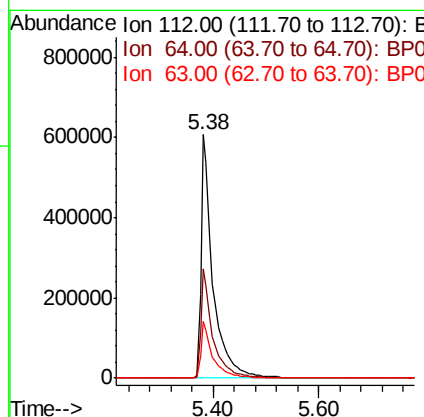
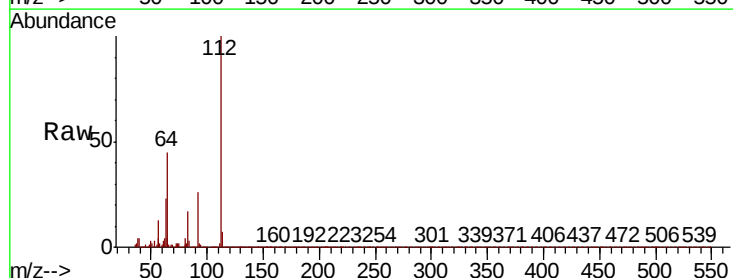
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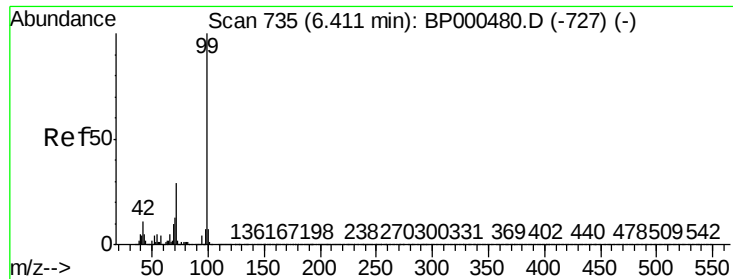


#5

2-Fluorophenol
Concen: 92.563 ng
RT: 5.38 min Scan# 560
Delta R.T. 0.02 min
Lab File: BP000900.D
Acq: 19 Oct 2019 01:05

Tgt Ion	Ratio	Lower	Upper
112	100		
64	45.0	33.9	50.9
63	23.5	17.4	26.0





#7

Phenol-d6

Concen: 98.326 ng

RT: 6.40 min Scan# 733

Delta R.T. 0.01 min

Lab File: BP000900.D

Acq: 19 Oct 2019 01:05

Instrument :

BNA_P

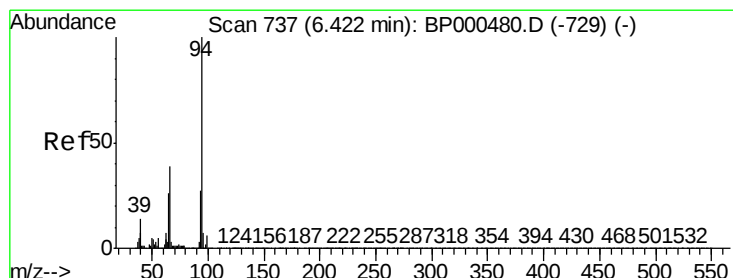
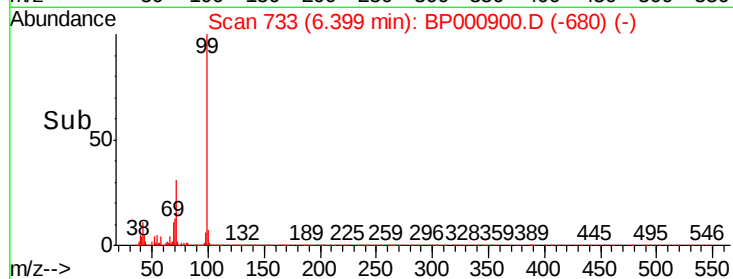
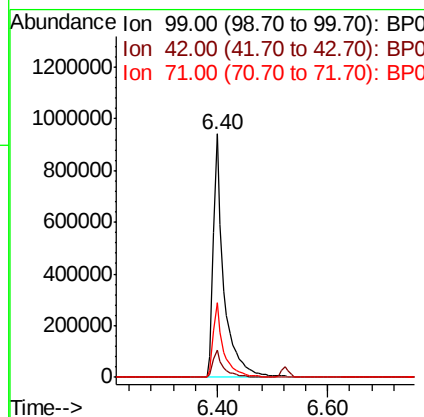
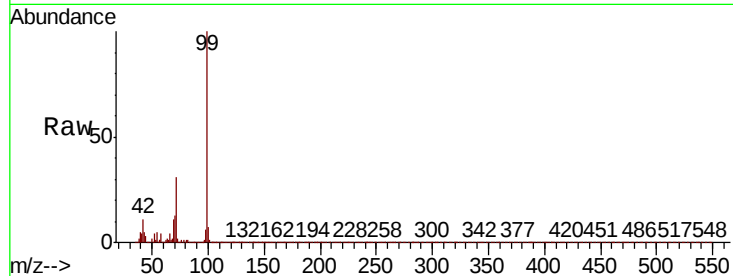
ClientSampleId :

SP-1

Tot Ion:	99	Resp:	1222341
Ion	Ratio	Lower	Upper
99	100		
42	11.1	8.7	13.1
71	30.8	24.1	36.1

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#10

Phenol

Concen: 2.347 ng

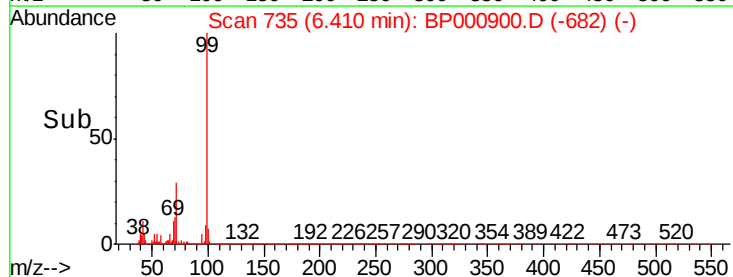
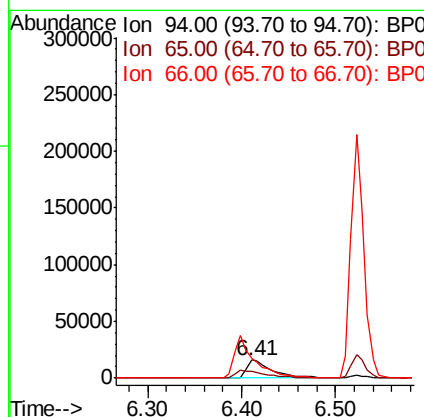
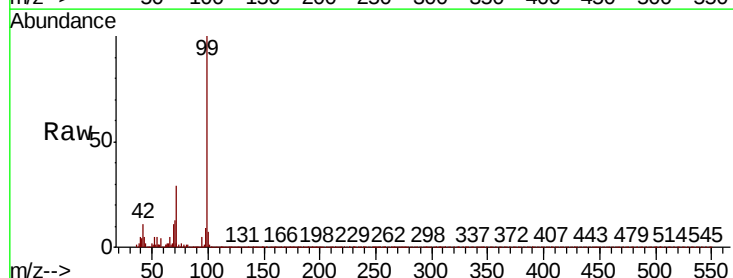
RT: 6.41 min Scan# 735

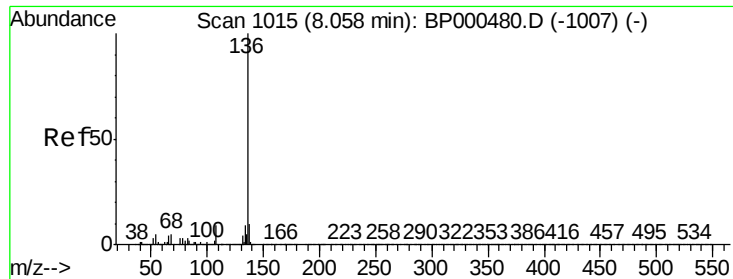
Delta R.T. 0.01 min

Lab File: BP000900.D

Acq: 19 Oct 2019 01:05

Tgt Ion:	94	Resp:	29879
Ion	Ratio	Lower	Upper
94	100		
65	37.7	14.6	54.6
66	109.2	39.2	79.2#





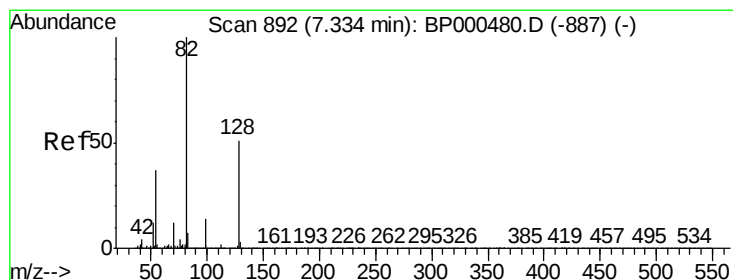
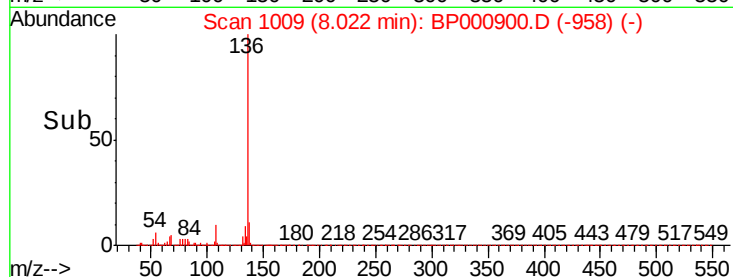
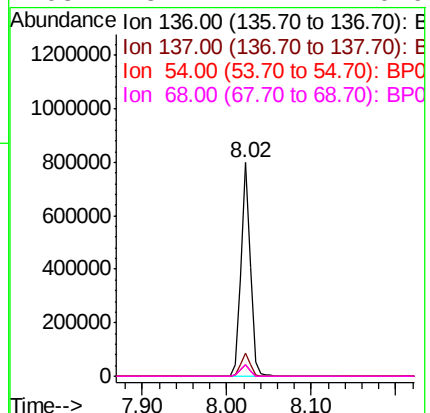
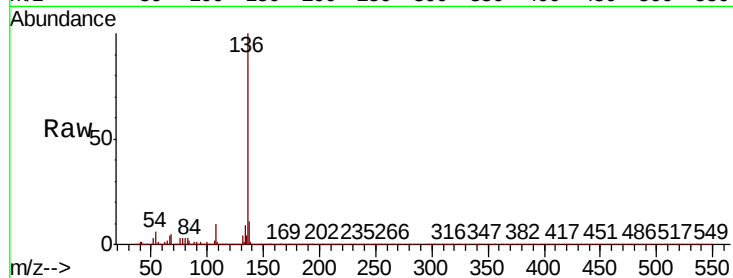
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.02 min Scan# 1009
Delta R.T. -0.00 min
Lab File: BP000900.D
Acq: 19 Oct 2019 01:05

Instrument :
BNA_P
ClientSampleId :
SP-1

Tot Ion	Ratio	Resp Lower	Upper
136	100		
137	11.1	8.9	13.3
54	5.6	4.6	6.8
68	5.2	4.4	6.6

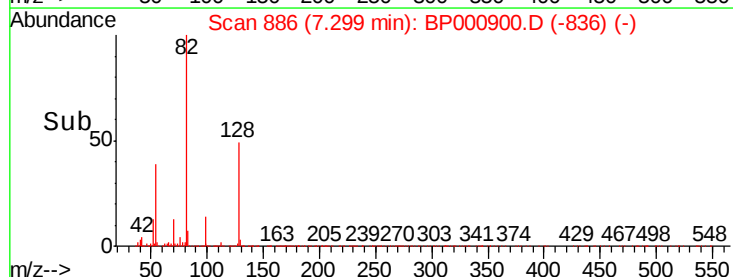
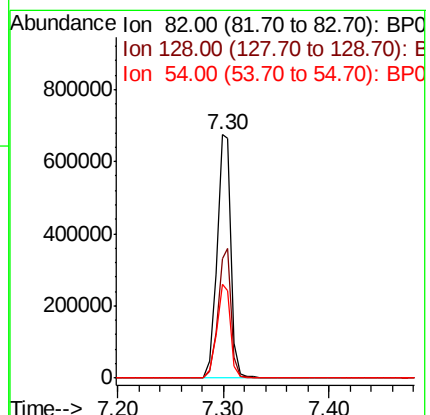
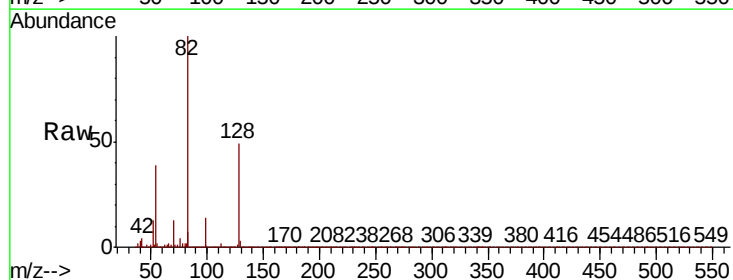
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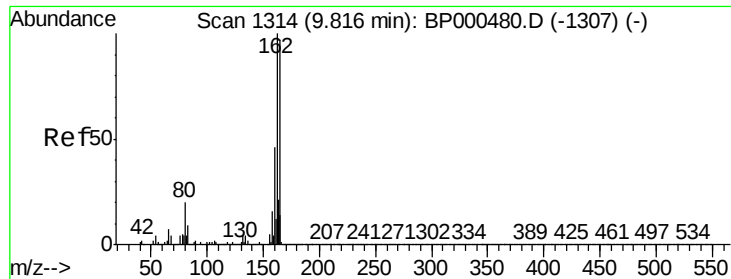
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#23
Nitrobenzene-d5
Concen: 64.929 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.01 min
Lab File: BP000900.D
Acq: 19 Oct 2019 01:05

Tgt Ion	Ratio	Resp Lower	Upper
82	100		
128	48.9	41.2	61.8
54	38.8	30.6	45.8





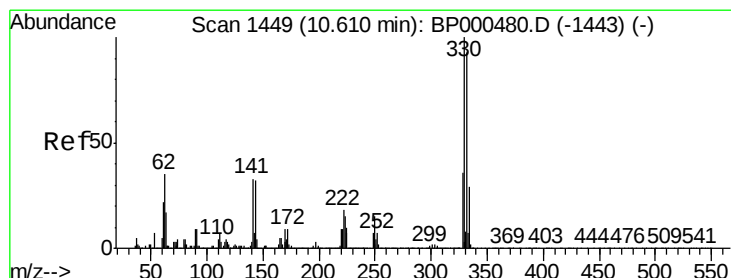
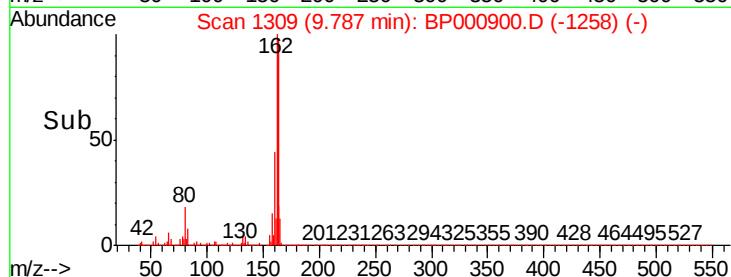
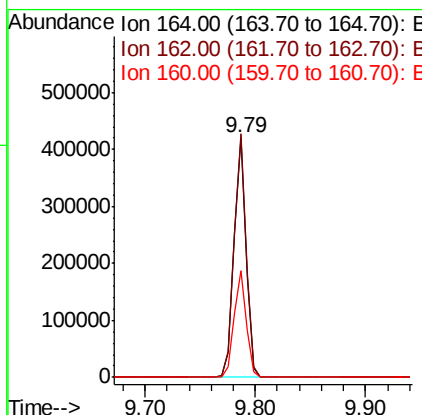
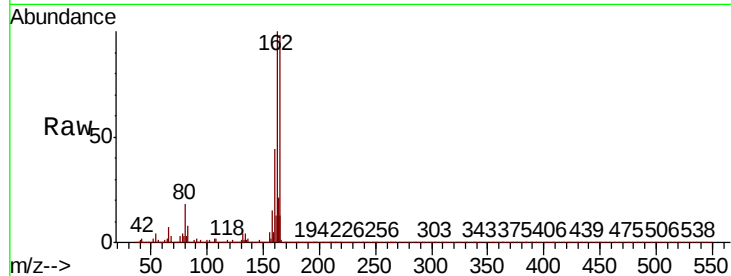
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.79 min Scan# 1309
Delta R.T. -0.00 min
Lab File: BP000900.D
Acq: 19 Oct 2019 01:05

Instrument :
BNA_P
ClientSampleId :
SP-1

Tot Ion	Ratio	Lower	Upper
164	100		
162	101.8	80.6	121.0
160	44.6	35.4	53.2

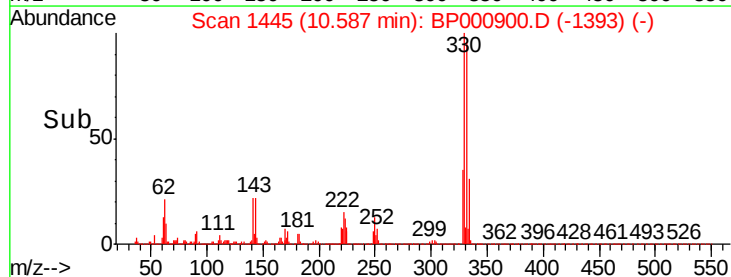
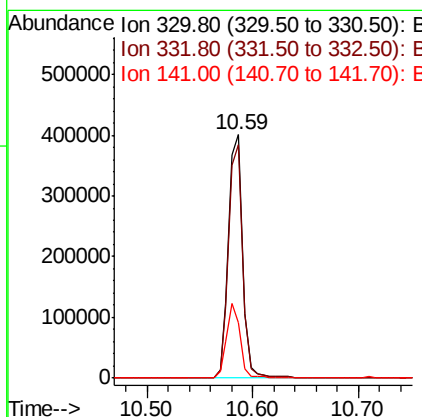
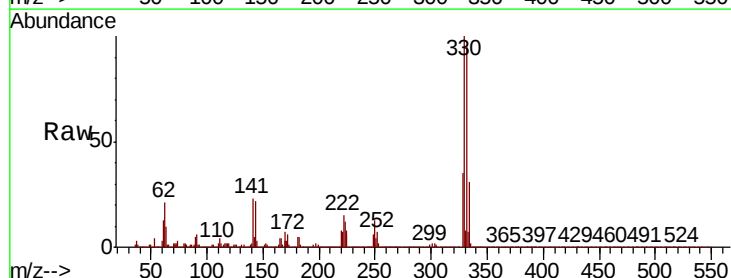
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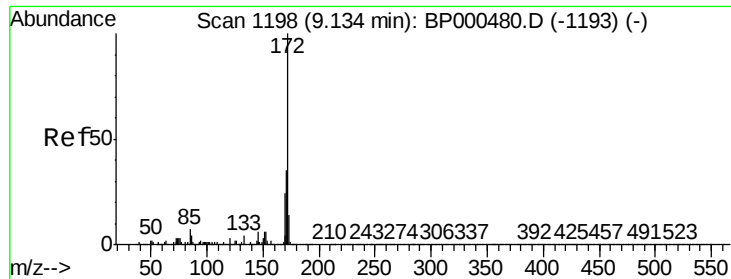
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#42
2,4,6-Tribromophenol
Concen: 108.256 ng
RT: 10.59 min Scan# 1445
Delta R.T. 0.01 min
Lab File: BP000900.D
Acq: 19 Oct 2019 01:05

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.5	78.2	117.4
141	29.6	23.7	35.5





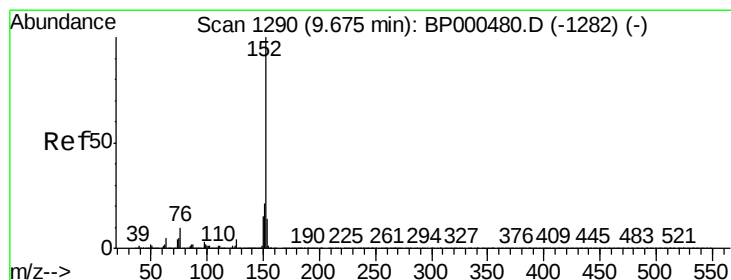
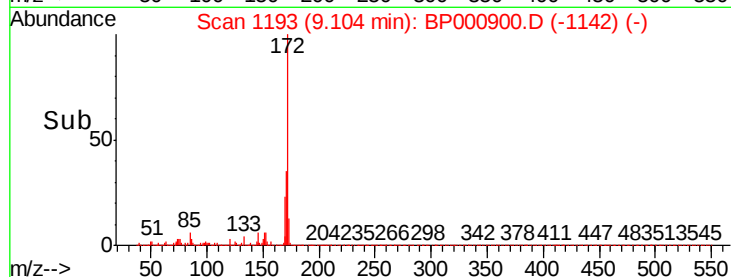
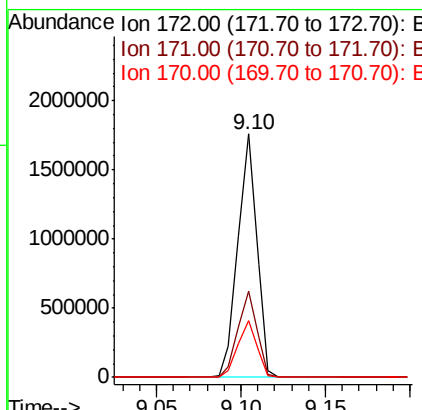
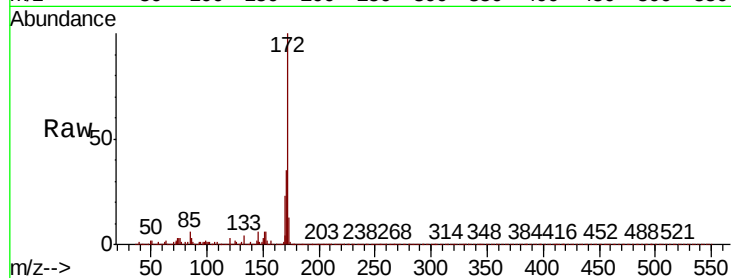
#45
2-Fluorobiphenyl
Concen: 68.911 ng
RT: 9.10 min Scan# 1193
Delta R.T. -0.00 min
Lab File: BP000900.D
Acq: 19 Oct 2019 01:05

Instrument :
BNA_P
ClientSampled :
SP-1

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.4	29.0	43.4
170	23.5	19.3	28.9

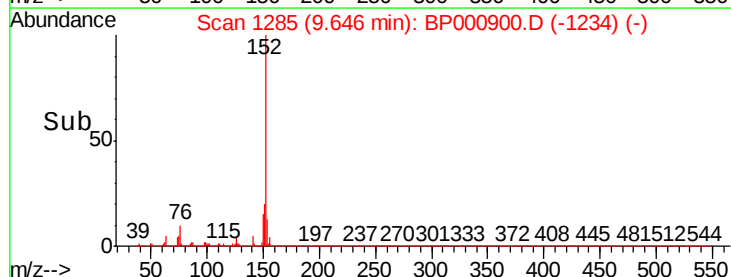
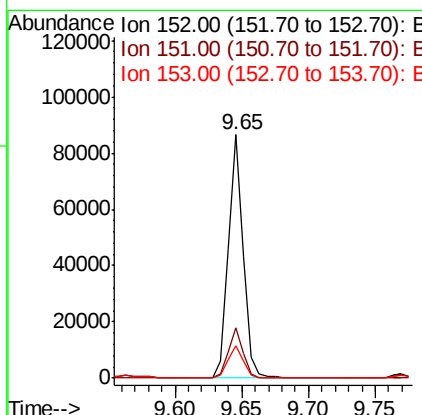
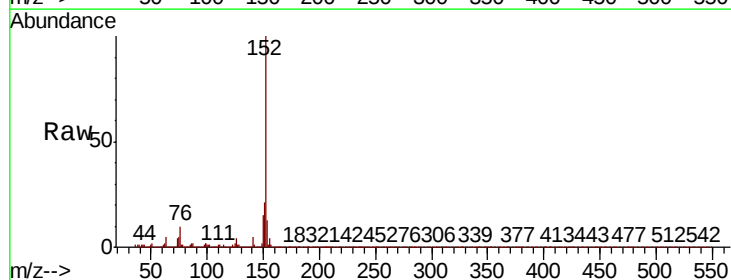
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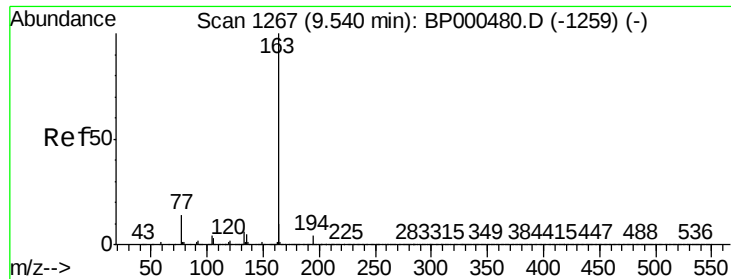
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#49
Acenaphthylene
Concen: 2.384 ng
RT: 9.65 min Scan# 1285
Delta R.T. -0.00 min
Lab File: BP000900.D
Acq: 19 Oct 2019 01:05

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.5	16.2	24.2
153	13.2	10.7	16.1





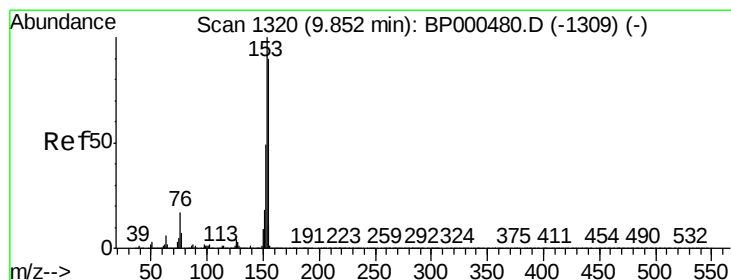
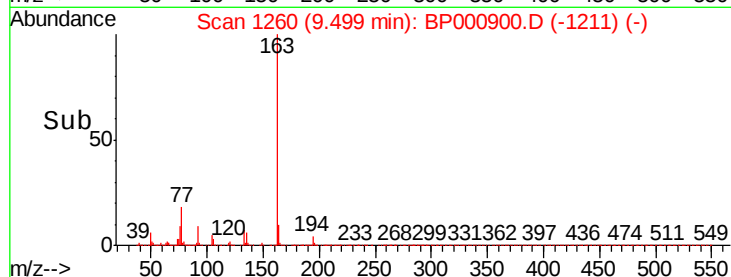
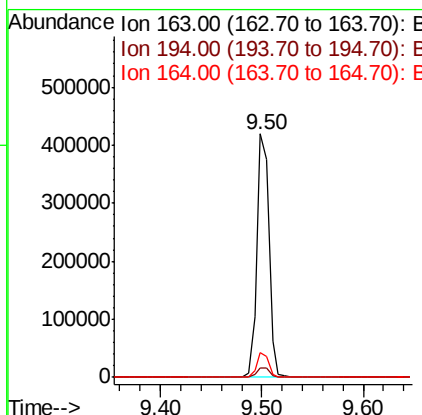
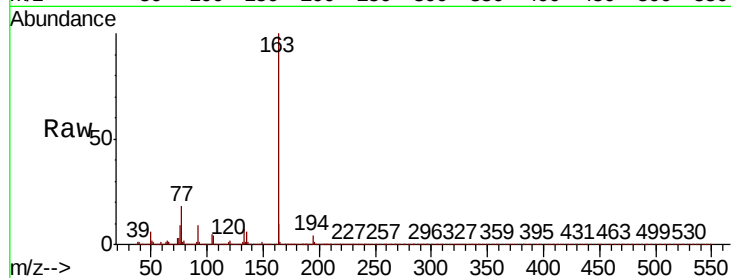
#50
Dimethylphthalate
Concen: 15.412 ng
RT: 9.50 min Scan# 1260
Delta R.T. -0.01 min
Lab File: BP000900.D
Acq: 19 Oct 2019 01:05

Instrument :
BNA_P
ClientSampleId :
SP-1

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.5	5.3
164	10.4	8.3	12.5

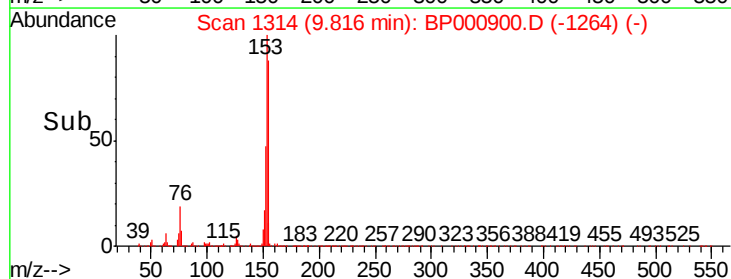
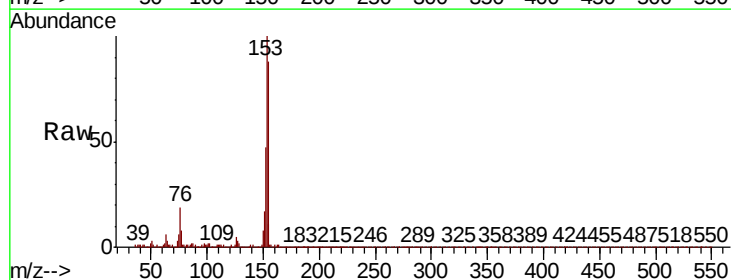
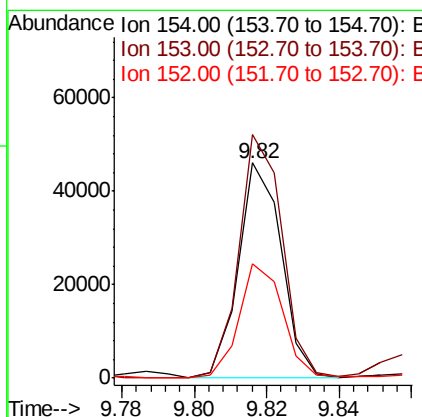
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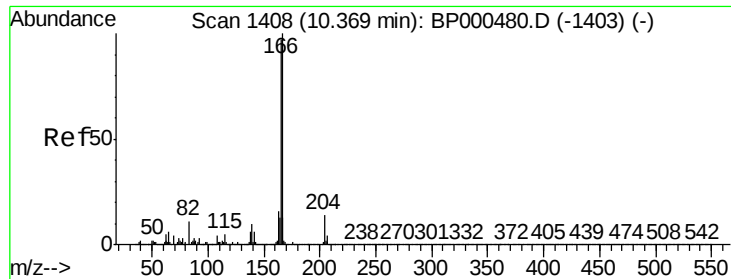
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#52
Acenaphthene
Concen: 2.176 ng
RT: 9.82 min Scan# 1314
Delta R.T. -0.01 min
Lab File: BP000900.D
Acq: 19 Oct 2019 01:05

Tgt Ion	Ratio	Lower	Upper
154	100		
153	113.1	90.4	135.6
152	53.3	42.5	63.7





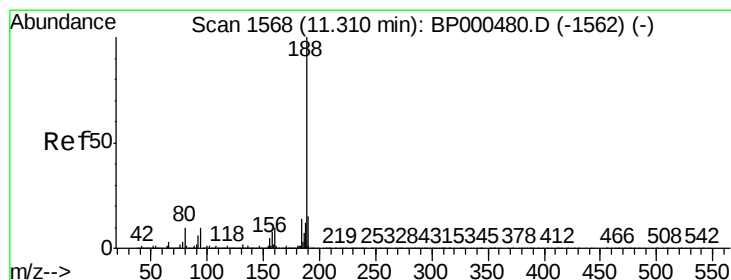
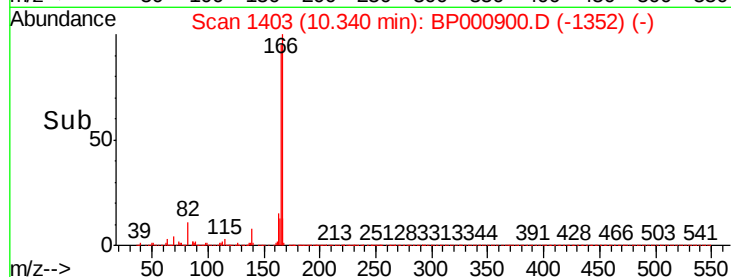
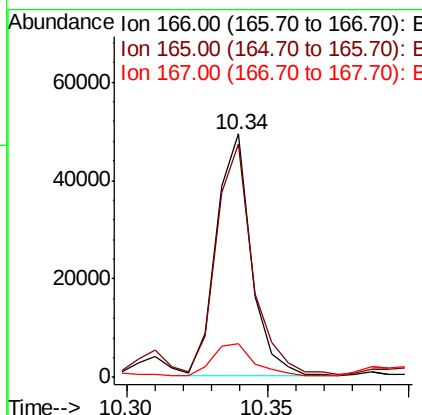
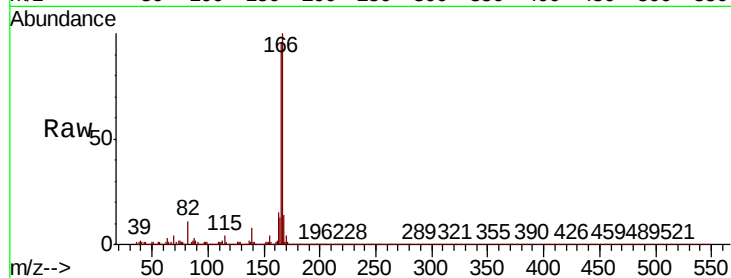
#58
 Fluorene
 Concen: 2.287 ng
 RT: 10.34 min Scan# 1403
 Delta R.T. -0.00 min
 Lab File: BP000900.D
 Acq: 19 Oct 2019 01:05

Instrument :
 BNA_P
 ClientSampleId :
 SP-1

Tot Ion	Ratio	Lower	Upper
166	100		
165	95.7	78.4	117.6
167	13.9	10.6	15.8

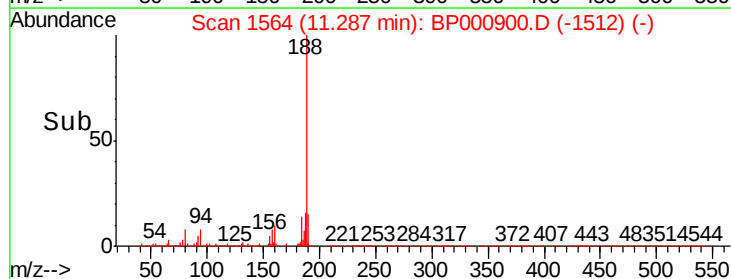
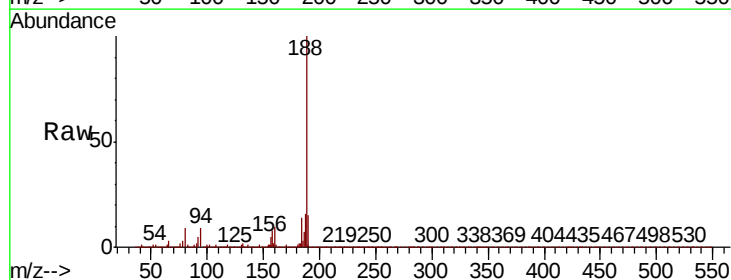
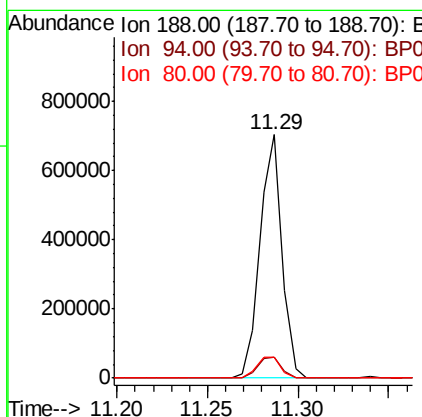
Manual Integrations
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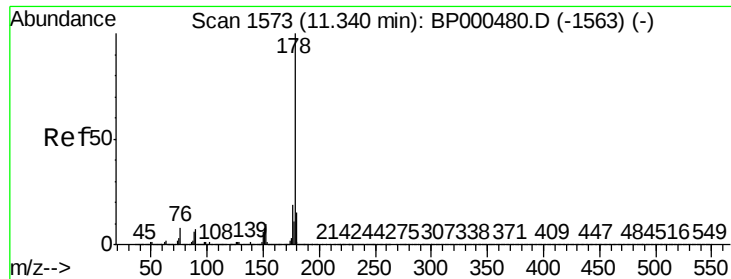
mohammad
 10/22/2019 1:39:46 AM



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.29 min Scan# 1564
 Delta R.T. 0.01 min
 Lab File: BP000900.D
 Acq: 19 Oct 2019 01:05

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.5	8.0	12.0
80	8.5	8.2	12.4





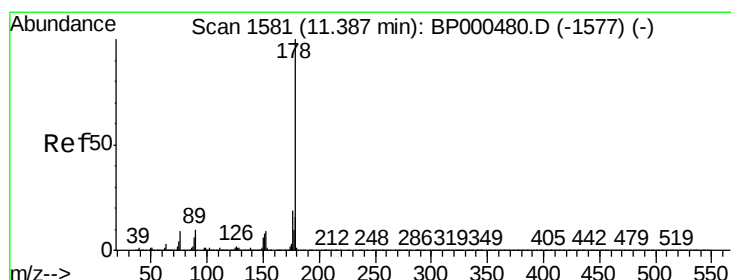
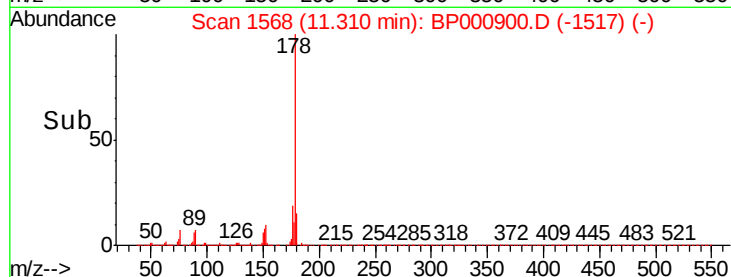
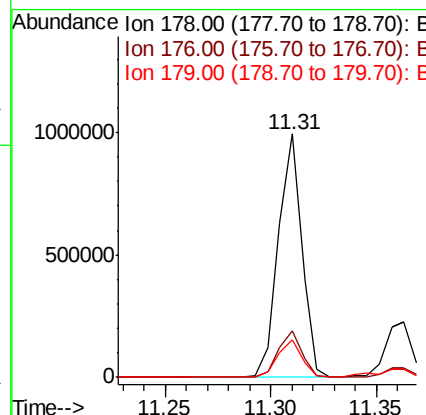
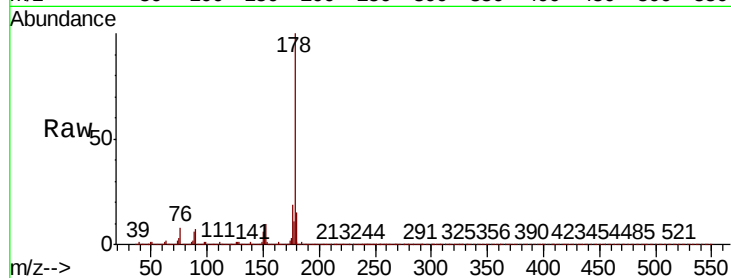
#71
Phenanthrene
Concen: 26.084 ng
RT: 11.31 min Scan# 1568
Delta R.T. -0.00 min
Lab File: BP000900.D
Acq: 19 Oct 2019 01:05

Instrument :
BNA_P
ClientSampled :
SP-1

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.7	23.5
179	15.4	12.5	18.7

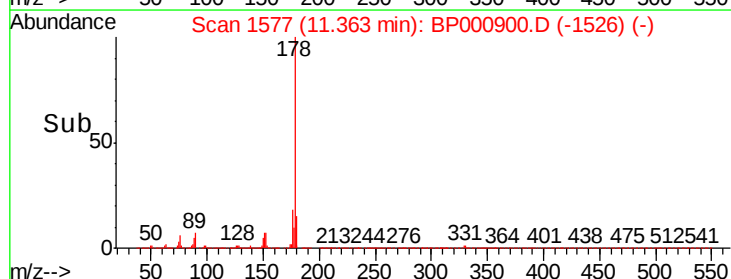
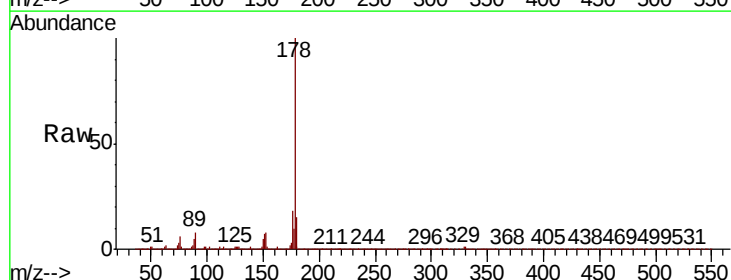
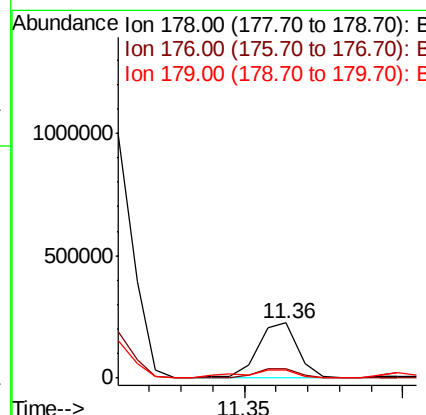
Manual Integrations
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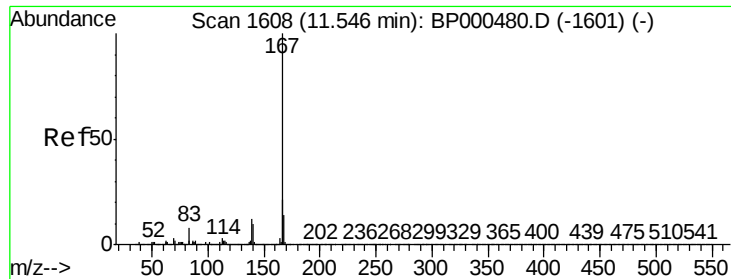
mohammad
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#72
Anthracene
Concen: 6.648 ng
RT: 11.36 min Scan# 1577
Delta R.T. -0.00 min
Lab File: BP000900.D
Acq: 19 Oct 2019 01:05

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.1	14.8	22.2
179	15.2	12.3	18.5





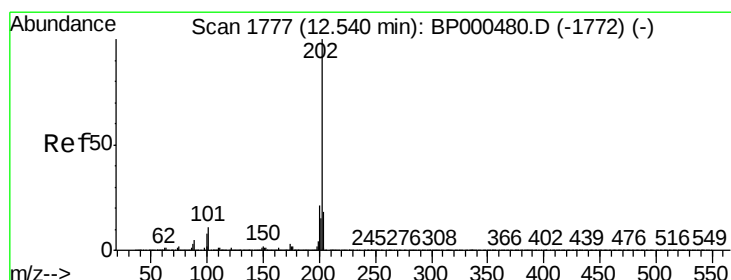
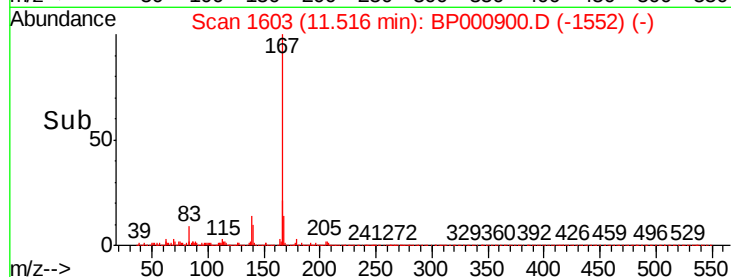
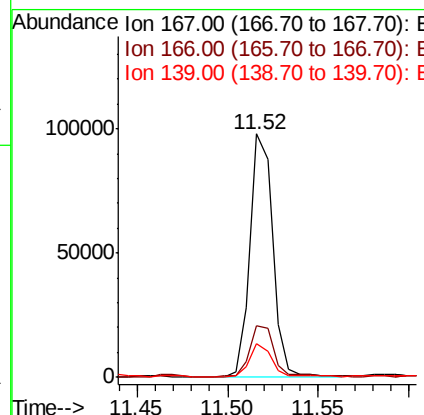
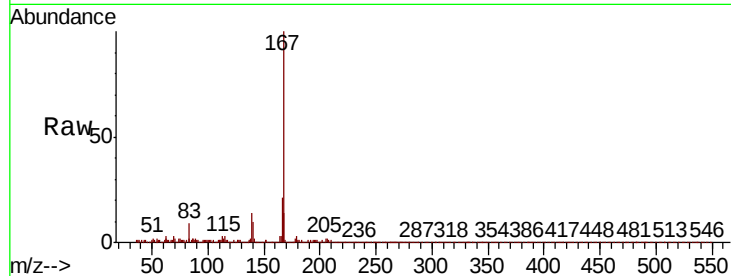
#73
 Carbazole
 Concen: 3.140 ng
 RT: 11.52 min Scan# 1603
 Delta R.T. -0.00 min
 Lab File: BP000900.D
 Acq: 19 Oct 2019 01:05

Instrument :
 BNA_P
 ClientSampleId :
 SP-1

Tot Ion	Ion	Ratio	Resp	Lower	Upper
167	100		85551		
166	21.2	17.4	26.2		
139	13.8	10.5	15.7		

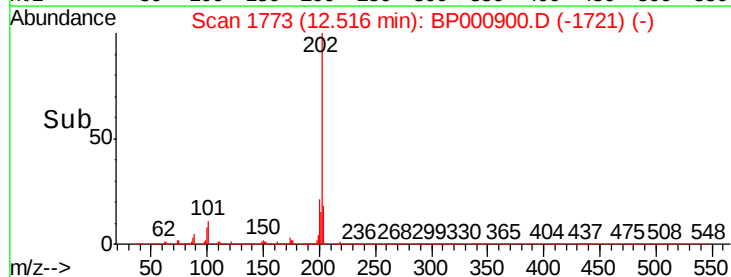
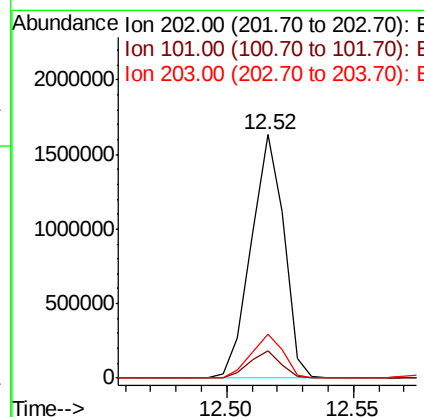
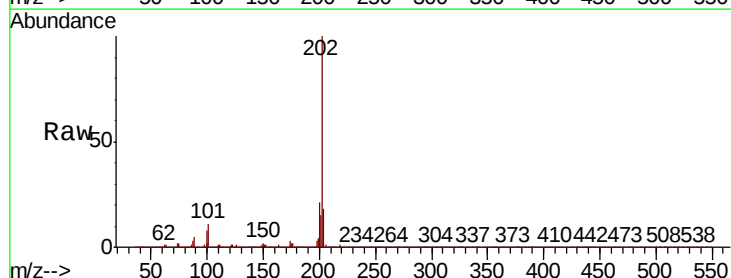
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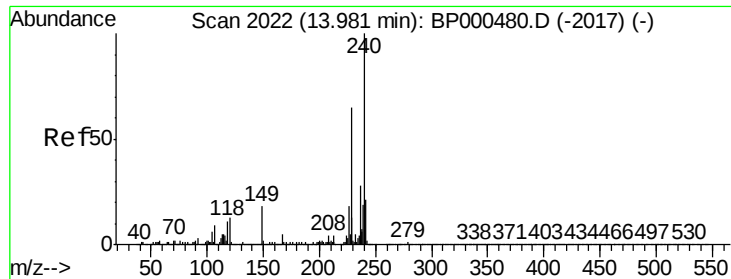
mohammad
 10/22/2019 1:39:46 AM



#75
 Fluoranthene
 Concen: 44.196 ng
 RT: 12.52 min Scan# 1773
 Delta R.T. 0.01 min
 Lab File: BP000900.D
 Acq: 19 Oct 2019 01:05

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
202	100		1471158		
101	11.0	0.0	31.6		
203	18.0	0.0	38.0		





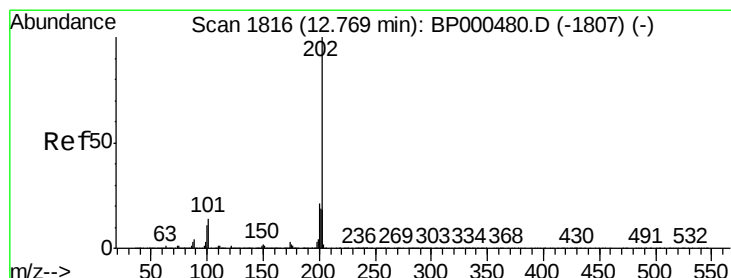
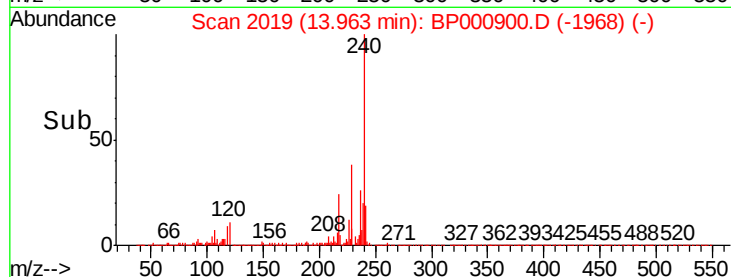
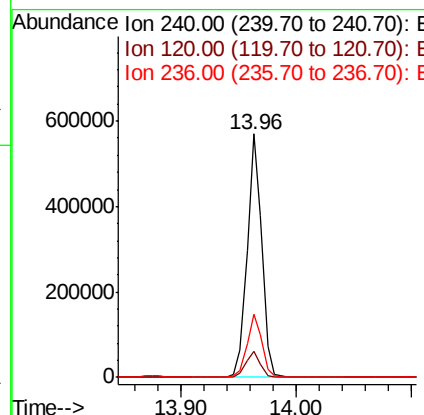
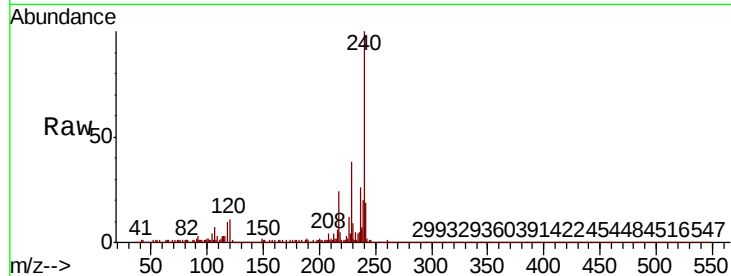
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.96 min Scan# 2019
Delta R.T. -0.00 min
Lab File: BP000900.D
Acq: 19 Oct 2019 01:05

Instrument :
BNA_P
ClientSampled :
SP-1

Tot Ion	Ratio	Lower	Upper
240	100		
120	10.7	7.3	10.9
236	26.1	21.2	31.8

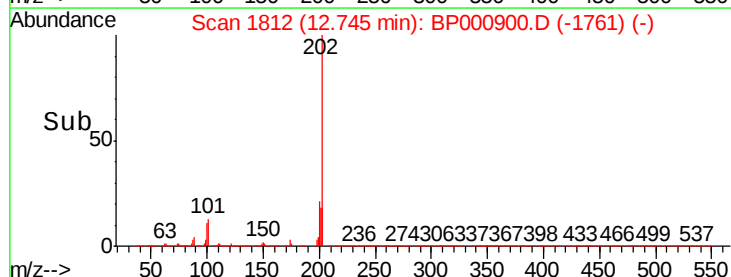
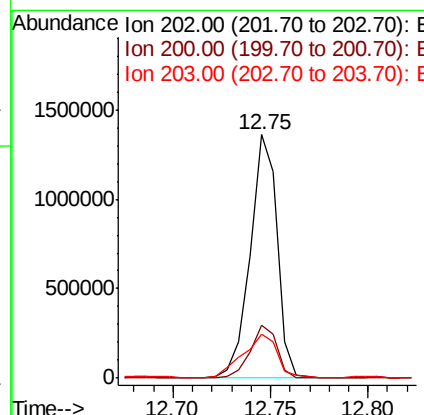
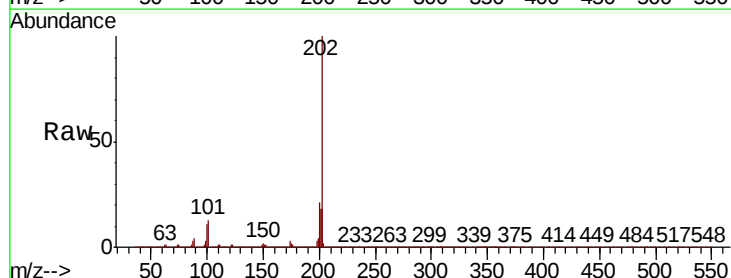
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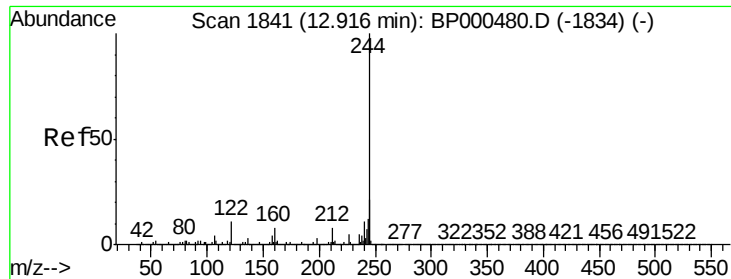
mohammad
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#78
Pyrene
Concen: 37.926 ng
RT: 12.75 min Scan# 1812
Delta R.T. -0.00 min
Lab File: BP000900.D
Acq: 19 Oct 2019 01:05

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.5	17.4	26.0
203	17.9	14.1	21.1





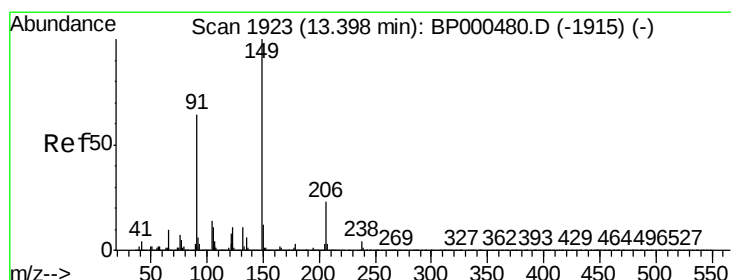
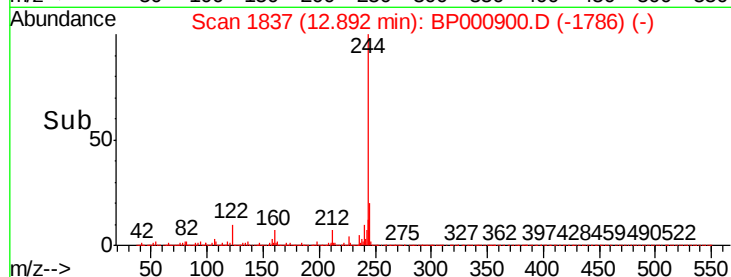
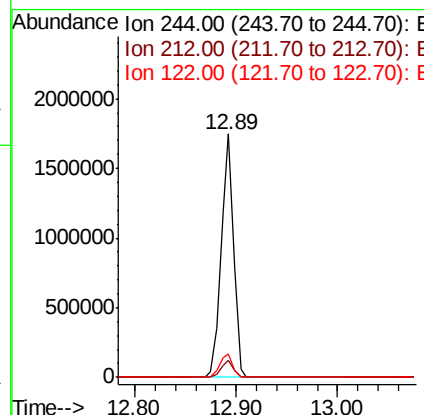
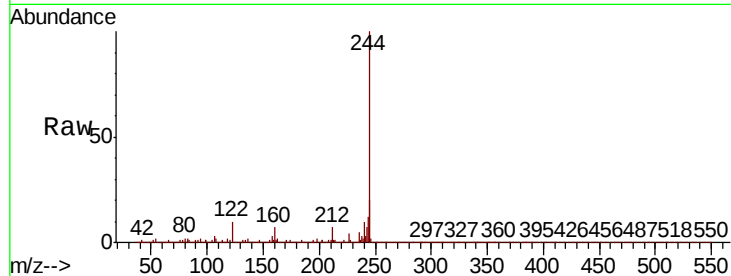
#79
Terphenyl-d14
Concen: 60.251 ng
RT: 12.89 min Scan# 1837
Delta R.T. -0.00 min
Lab File: BP000900.D
Acq: 19 Oct 2019 01:05

Instrument :
BNA_P
ClientSampleId :
SP-1

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.5	8.3
122	9.8	7.1	10.7

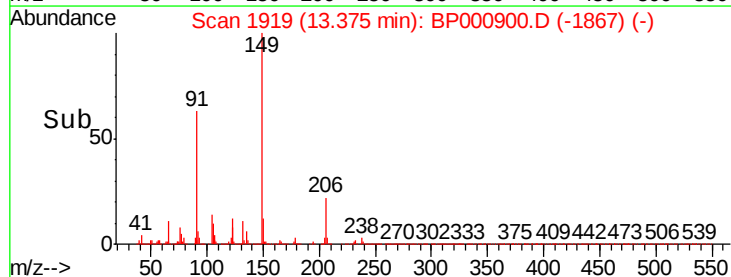
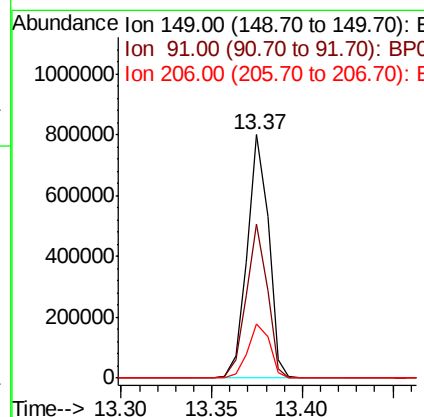
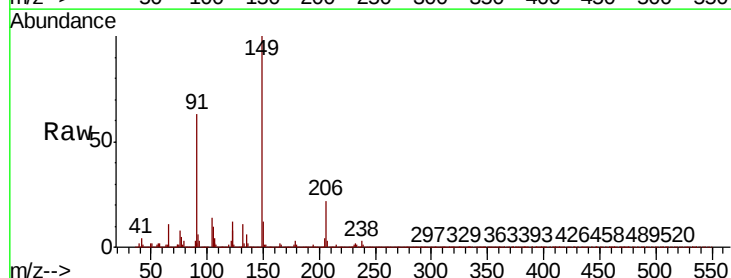
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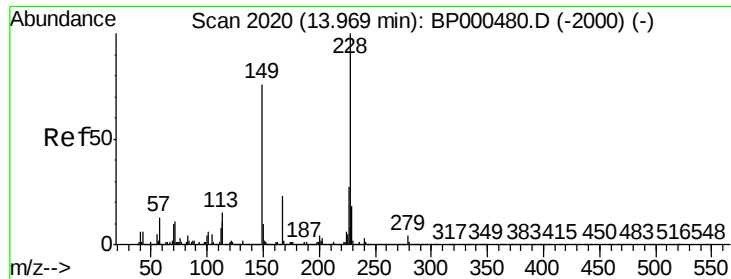
mohammad
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#80
Butylbenzylphthalate
Concen: 43.753 ng
RT: 13.37 min Scan# 1919
Delta R.T. 0.01 min
Lab File: BP000900.D
Acq: 19 Oct 2019 01:05

Tgt Ion	Ratio	Lower	Upper
149	100		
91	63.1	51.9	77.9
206	22.5	17.3	25.9





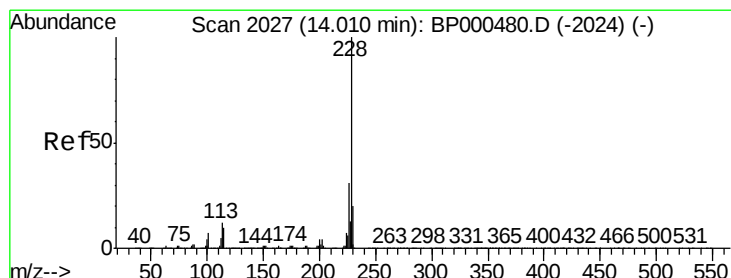
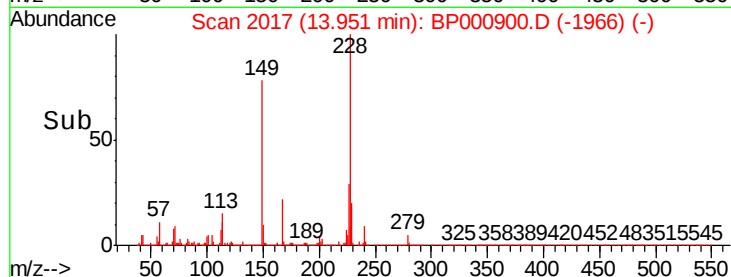
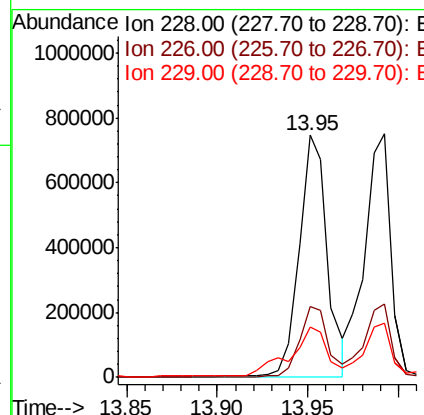
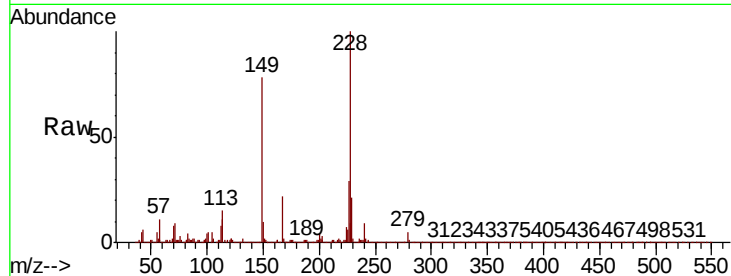
#81
Benzo(a)anthracene
Concen: 26.816 ng
RT: 13.95 min Scan# 2017
Delta R.T. -0.00 min
Lab File: BP000900.D
Acq: 19 Oct 2019 01:05

Instrument :
BNA_P
ClientSampled :
SP-1

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.0	21.8	32.8
229	20.6	15.7	23.5

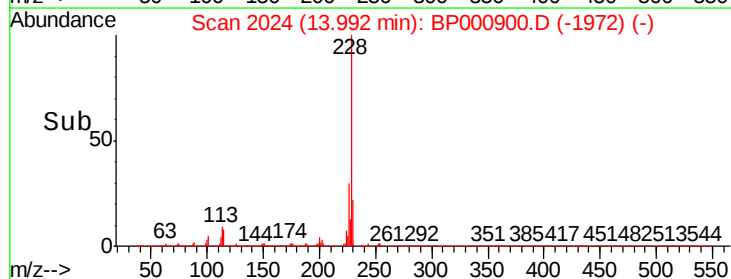
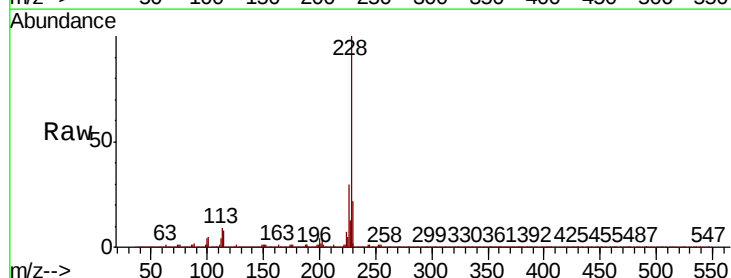
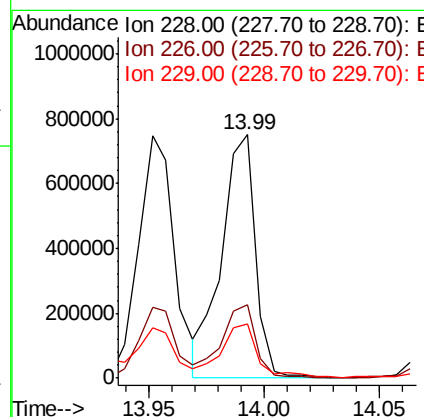
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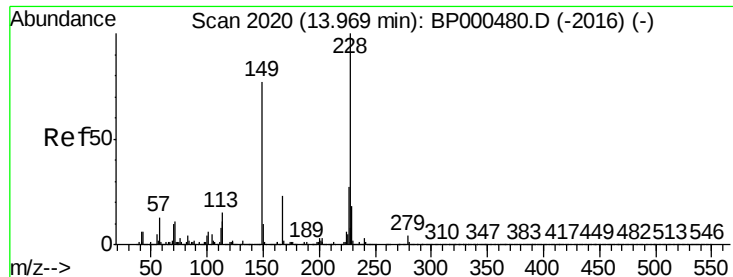
mohammad
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#83
Chrysene
Concen: 25.560 ng
RT: 13.99 min Scan# 2024
Delta R.T. 0.01 min
Lab File: BP000900.D
Acq: 19 Oct 2019 01:05

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.4	24.4	36.6
229	22.1	16.2	24.2





#84

Bis(2-ethylhexyl)phthalate

Concen: 34.029 ng

RT: 13.95 min Scan# 2016

Delta R.T. -0.00 min

Lab File: BP000900.D

Acq: 19 Oct 2019 01:05

Instrument :

BNA_P

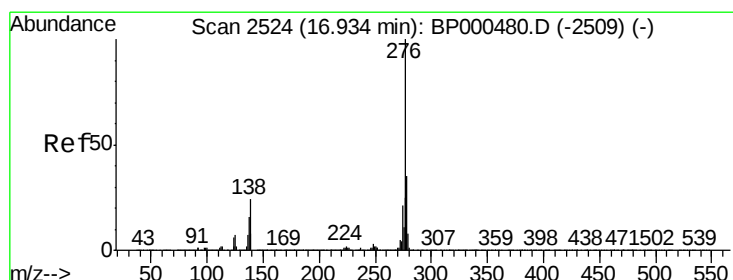
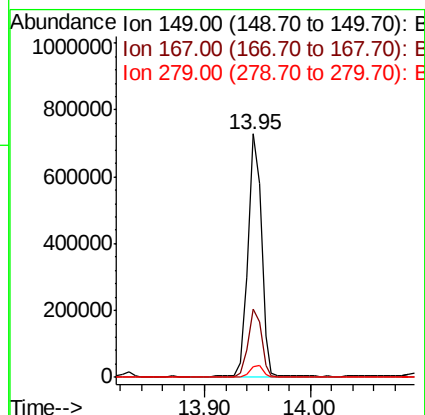
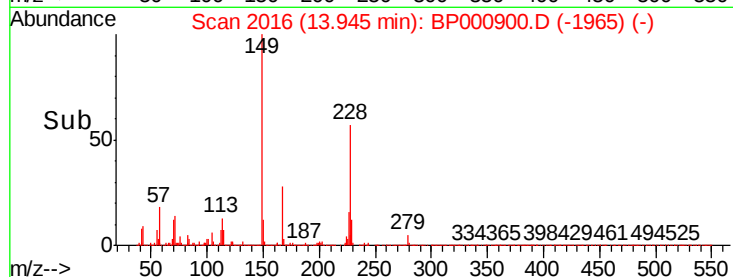
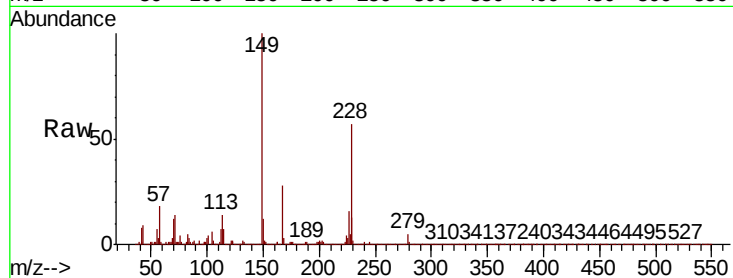
ClientSampled :

SP-1

Tot Ion:	149	Resp:	639613
Ion Ratio	Lower	Upper	
149	100		
167	28.2	23.1	34.7
279	4.6	4.7	7.1#

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#86

Indeno(1,2,3-cd)pyrene

Concen: 11.697 ng

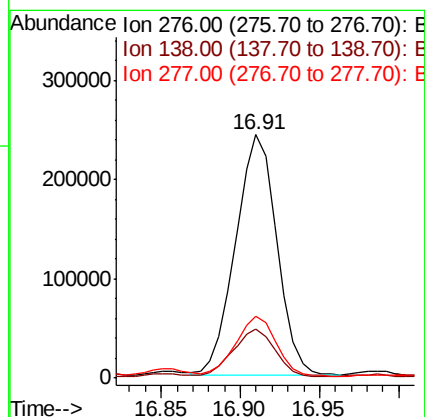
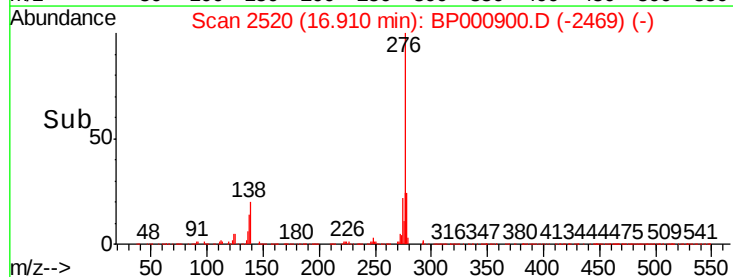
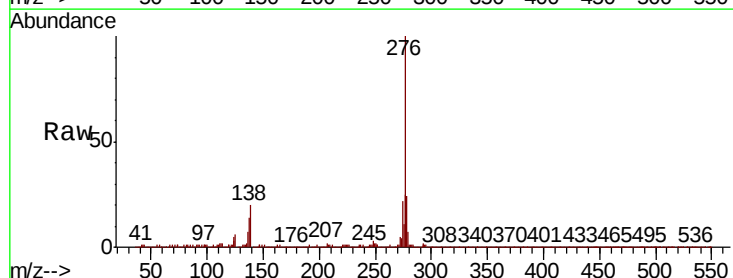
RT: 16.91 min Scan# 2520

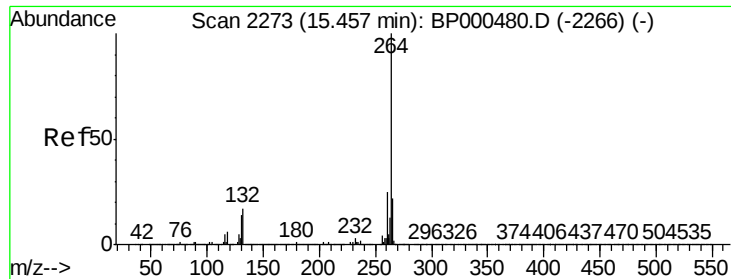
Delta R.T. -0.00 min

Lab File: BP000900.D

Acq: 19 Oct 2019 01:05

Tgt Ion:	276	Resp:	435121
Ion Ratio	Lower	Upper	
276	100		
138	20.1	19.1	28.7
277	24.6	20.4	30.6





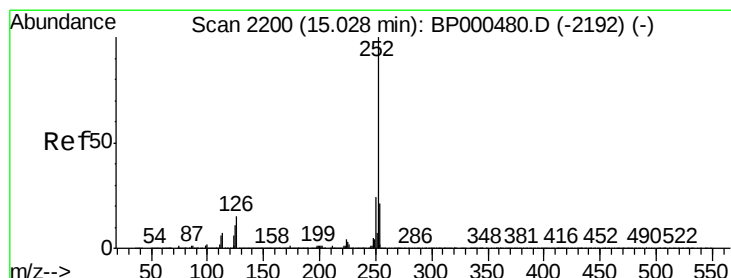
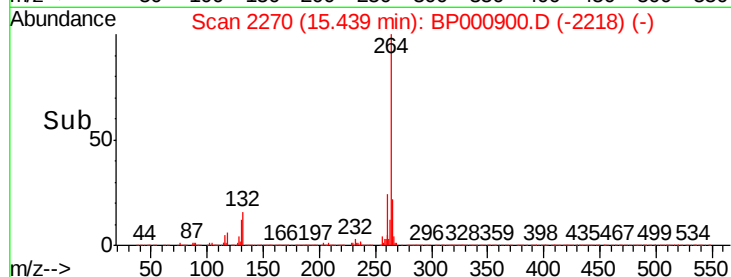
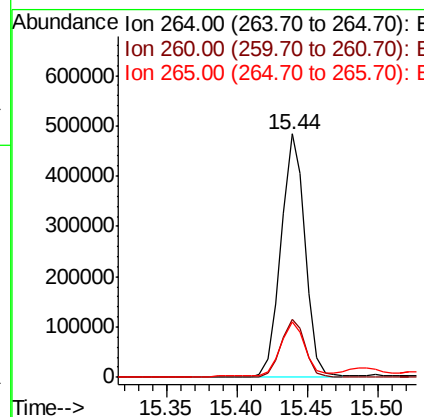
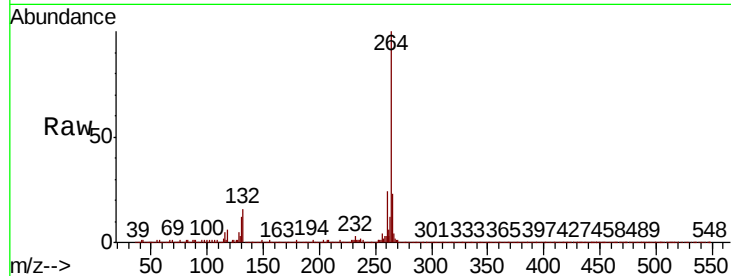
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.44 min Scan# 2270
Delta R.T. 0.01 min
Lab File: BP000900.D
Acq: 19 Oct 2019 01:05

Instrument :
BNA_P
ClientSampleId :
SP-1

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.3	28.9
265	22.7	17.4	26.0

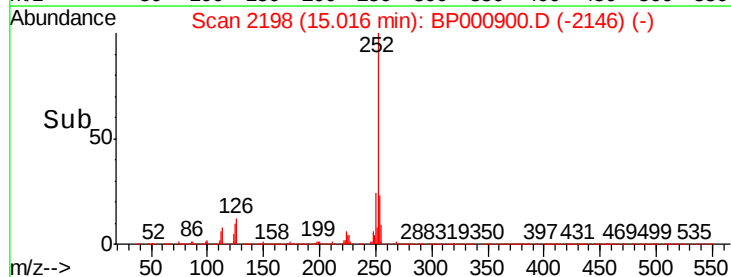
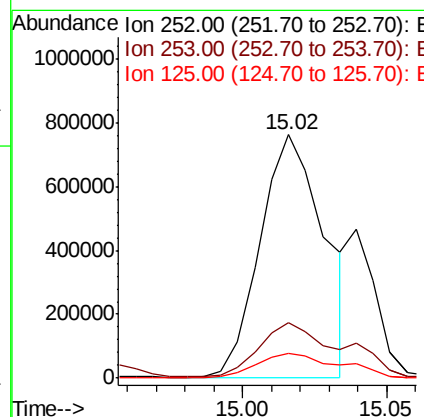
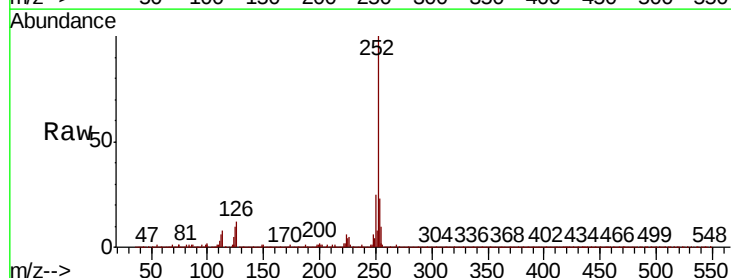
Manual Integrations
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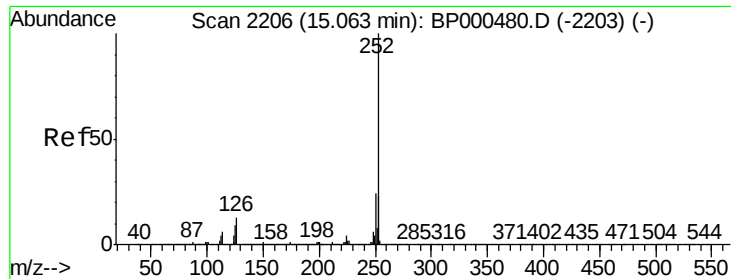
mohammad
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#88
Benzo(b)fluoranthene
Concen: 36.330 ng m
RT: 15.02 min Scan# 2198
Delta R.T. 0.01 min
Lab File: BP000900.D
Acq: 19 Oct 2019 01:05

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.4	26.2
125	10.3	7.4	11.2





#89

Benzo(k)fluoranthene

Concen: 10.143 ng m

RT: 15.04 min Scan# 2202

Delta R.T. -0.00 min

Lab File: BP000900.D

Acq: 19 Oct 2019 01:05

Instrument :

BNA_P

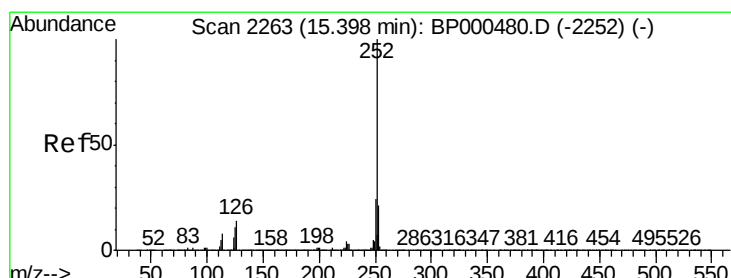
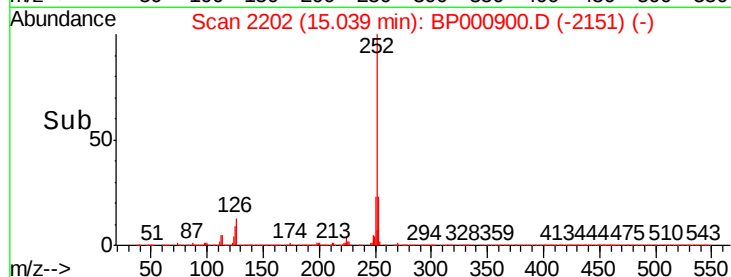
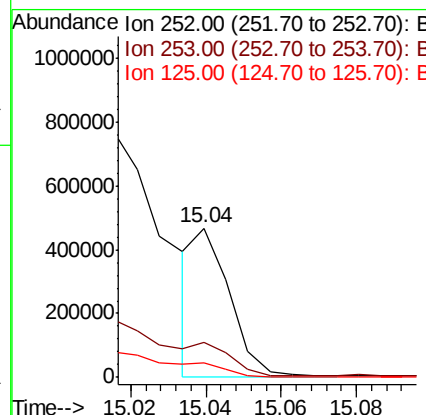
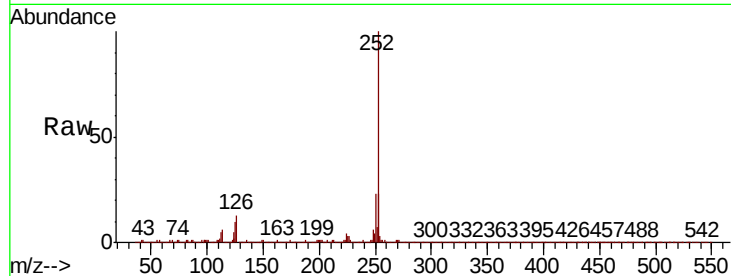
ClientSampleId :

SP-1

Tot Ion:	252	Resp:	314842
Ion Ratio	Lower	Upper	
252	100		
253	23.3	17.6	26.4
125	9.6	7.1	10.7

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#90

Benzo(a)pyrene

Concen: 24.625 ng

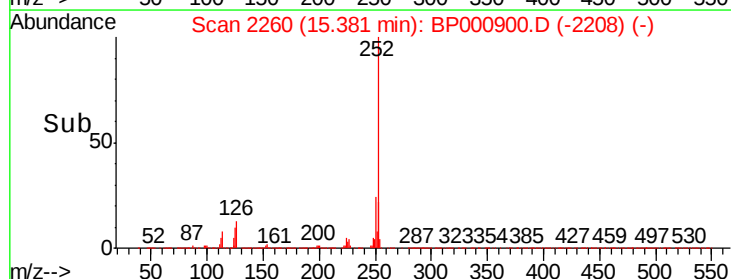
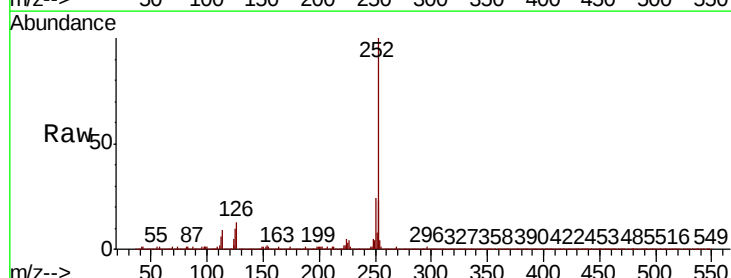
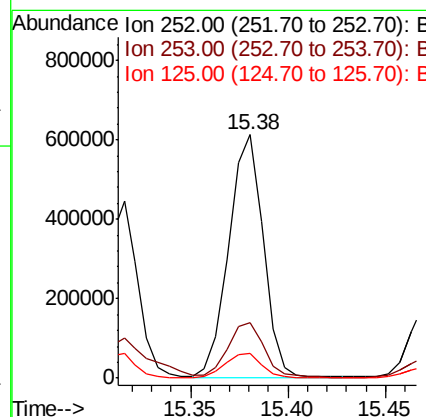
RT: 15.38 min Scan# 2260

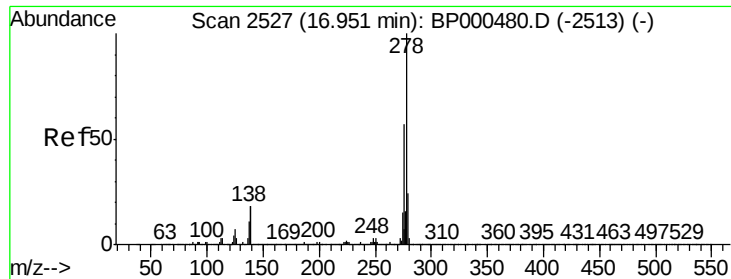
Delta R.T. 0.01 min

Lab File: BP000900.D

Acq: 19 Oct 2019 01:05

Tgt Ion:	252	Resp:	748405
Ion Ratio	Lower	Upper	
252	100		
253	22.7	17.3	25.9
125	10.1	8.2	12.2





#91

Dibenzo(a,h)anthracene

Concen: 4.307 ng m

RT: 16.92 min Scan# 2521

Delta R.T. -0.01 min

Lab File: BP000900.D

Acq: 19 Oct 2019 01:05

Instrument :

BNA_P

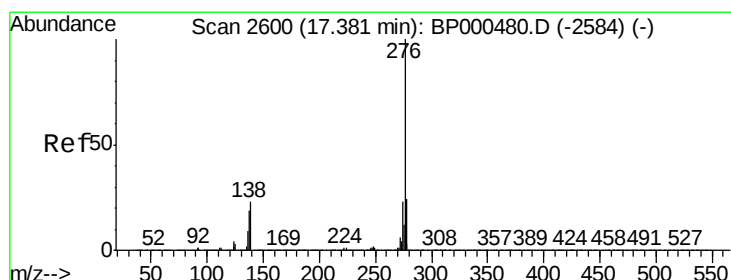
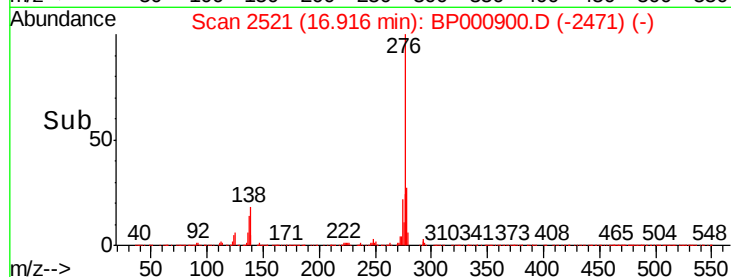
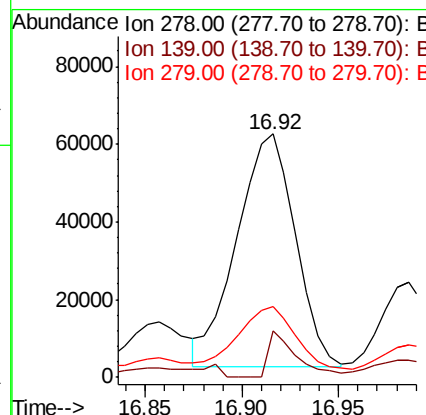
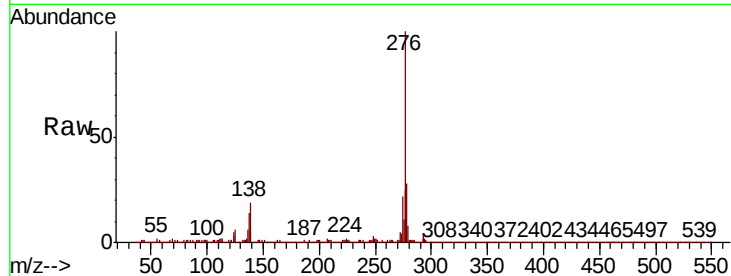
ClientSampleId :

SP-1

Tot Ion:	278	Resp:	126943
Ion Ratio	Lower	Upper	
278	100		
139	18.9	12.4	18.6#
279	29.1	19.1	28.7#

Manual Integrations
APPROVED

mohammad
10/22/2019 1:39:46 AM



#92

Benzo(g,h,i)perylene

Concen: 12.746 ng

RT: 17.35 min Scan# 2595

Delta R.T. -0.00 min

Lab File: BP000900.D

Acq: 19 Oct 2019 01:05

Tgt Ion:	276	Resp:	381788
Ion Ratio	Lower	Upper	
276	100		
277	23.9	18.6	28.0
138	20.9	16.6	24.8

