

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP101419\
 Data File : BP000712.D
 Acq On : 14 Oct 2019 15:53
 Operator : JU
 Sample : K5348-08RE
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 20190832-COMPOSITE-HRE

Manual Integrations
 APPROVED

mohammad
 10/16/2019 8:11:30 AM

Quant Time: Oct 15 04:30:25 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP100119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 01 18:03:42 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	199594	20.00	ng	-0.02
21) Naphthalene-d8	8.03	136	731310	20.00	ng	-0.02
39) Acenaphthene-d10	9.80	164	398354	20.00	ng	-0.02
64) Phenanthrene-d10	11.30	188	721973	20.00	ng	-0.01
76) Chrysene-d12	13.97	240	620450	20.00	ng	0.00
87) Perylene-d12	15.46	264	717840	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.38	112	405350	32.65	ng	-0.02
7) Phenol-d6	6.39	99	1280217	85.56	ng	-0.02
23) Nitrobenzene-d5	7.31	82	762404	63.67	ng	-0.02
42) 2,4,6-Tribromophenol	10.59	330	47384	11.16	ng	-0.02
45) 2-Fluorobiphenyl	9.12	172	1380088	56.06	ng	-0.02
79) Terphenyl-d14	12.90	244	1585648	51.74	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.30	77	21617	2.774	ng	96
10) Phenol	6.40	94	67145	4.383	ng	93
50) Dimethylphthalate	9.51	163	285230	10.305	ng	99
71) Phenanthrene	11.32	178	93761	2.586	ng	99
75) Fluoranthene	12.52	202	371279	9.117	ng	98
78) Pyrene	12.76	202	442789	10.347	ng	99
81) Benzo(a)anthracene	13.96	228	224516	5.931	ng	# 85
83) Chrysene	14.00	228	246242	6.627	ng	97
84) Bis(2-ethylhexyl)phthalate	13.96	149	93367	3.981	ng	99
86) Indeno(1,2,3-cd)pyrene	16.93	276	182868	3.940	ng	95
88) Benzo(b)fluoranthene	15.03	252	415994m	10.215	ng	
89) Benzo(k)fluoranthene	15.05	252	112353m	2.898	ng	
90) Benzo(a)pyrene	15.39	252	277240	7.303	ng	# 92
92) Benzo(a,h,i)perylene	17.38	276	180865	4.834	ng	97

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

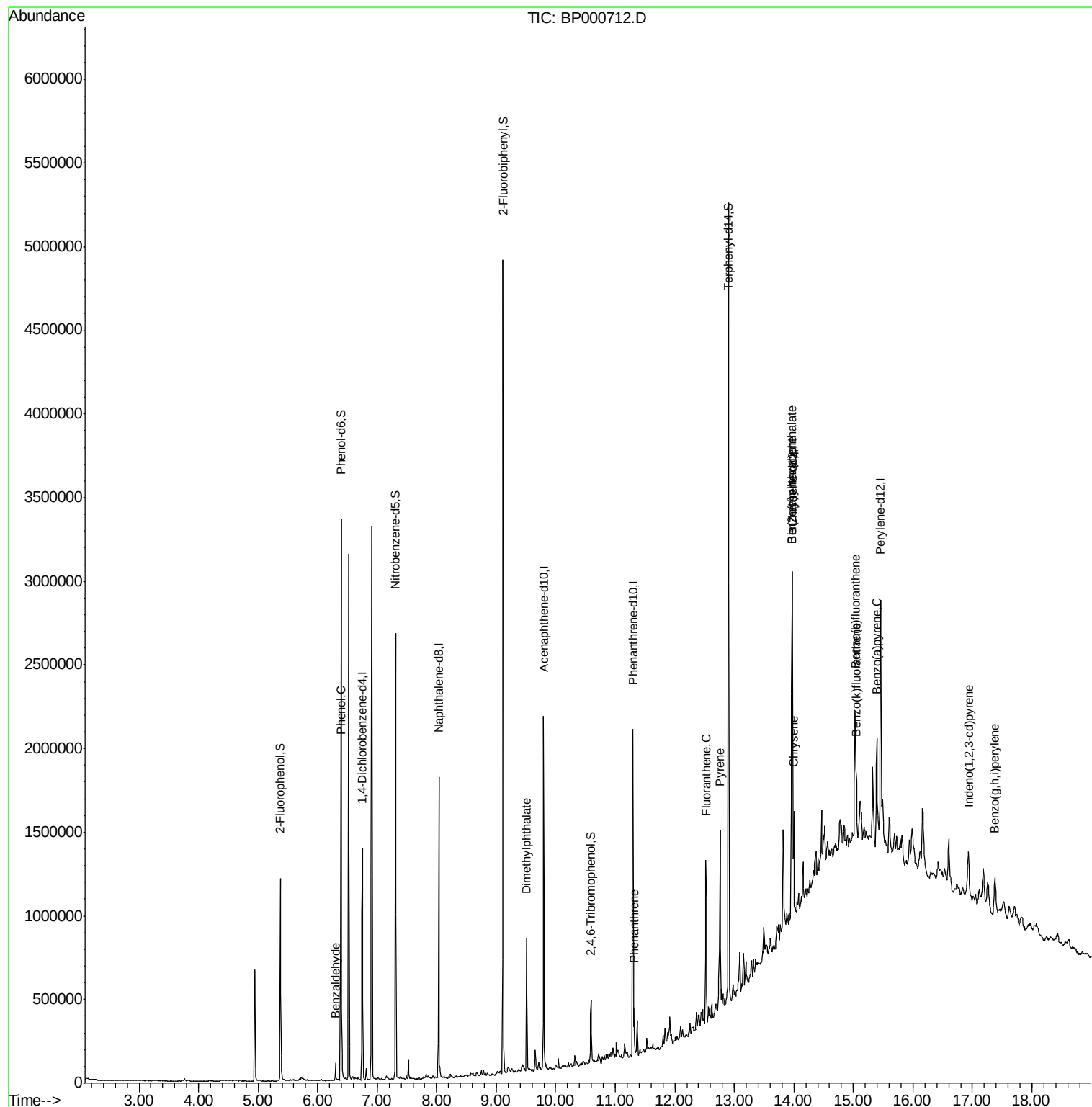
Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP101419\
Data File : BP000712.D
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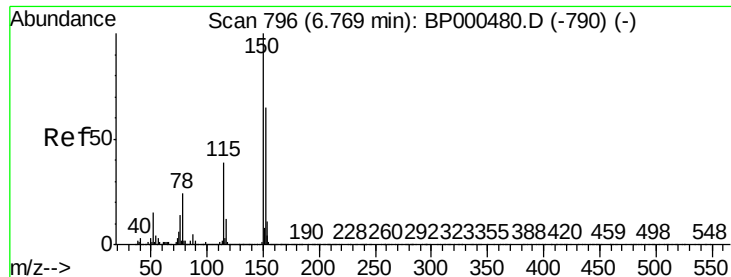
Instrument :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP100119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

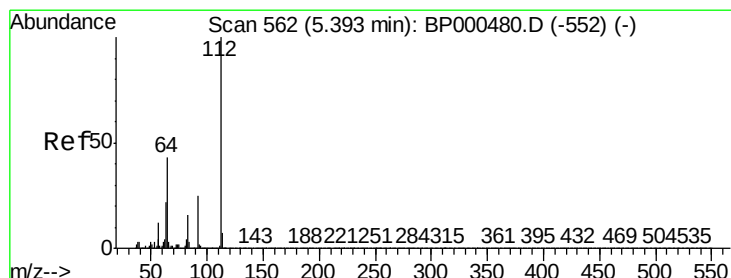
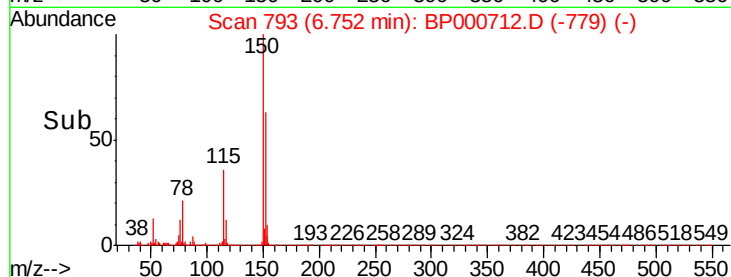
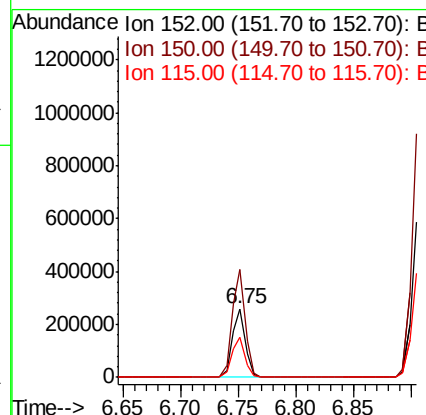
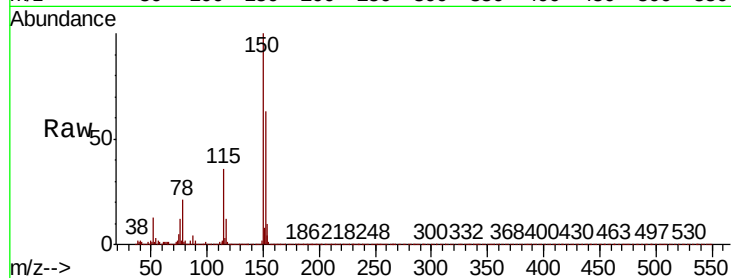
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.75 min Scan# 793
Delta R.T. -0.02 min
Lab File: BP000712.D
Acq: 14 Oct 2019 15:53

Instrument :
BNA_P
ClientSampleId :
20190832-COMPOSITE-HRE

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.4	124.1	186.1
115	57.8	48.7	73.1

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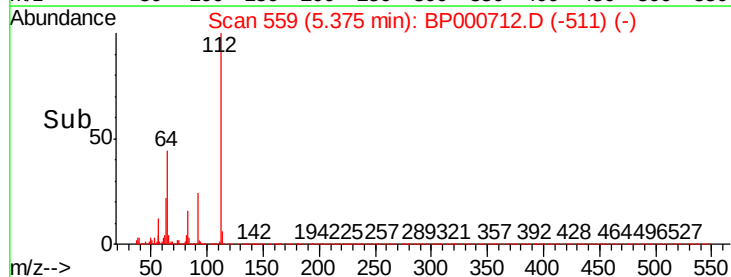
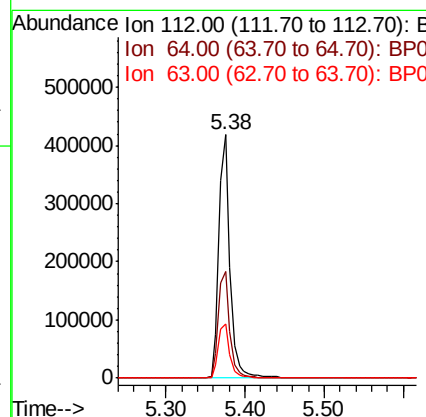
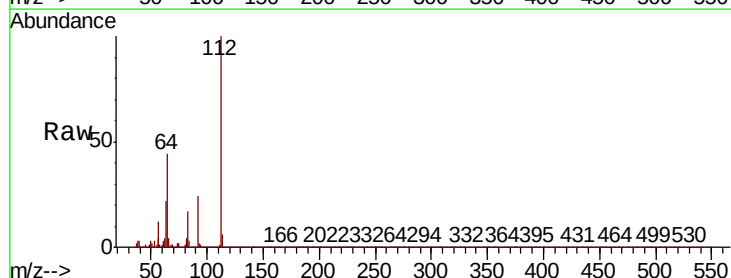
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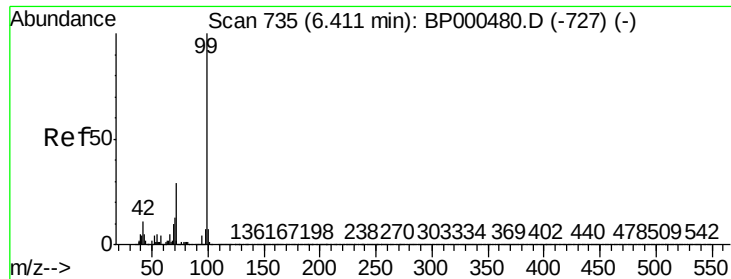


#5

2-Fluorophenol
Concen: 32.645 ng
RT: 5.38 min Scan# 559
Delta R.T. -0.02 min
Lab File: BP000712.D
Acq: 14 Oct 2019 15:53

Tgt Ion	Ratio	Lower	Upper
112	100		
64	43.9	34.2	51.4
63	22.2	17.9	26.9





#7

Phenol-d6

Concen: 85.560 ng

RT: 6.39 min Scan# 732

Delta R.T. -0.02 min

Lab File: BP000712.D

Acq: 14 Oct 2019 15:53

Instrument :

BNA_P

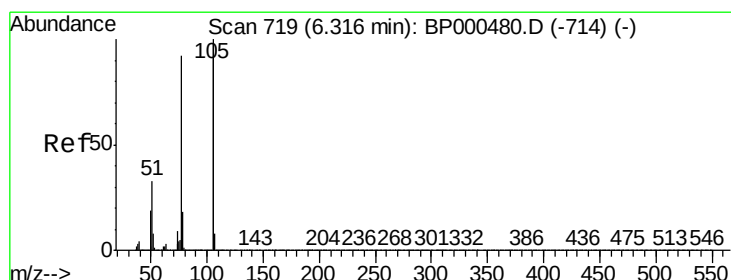
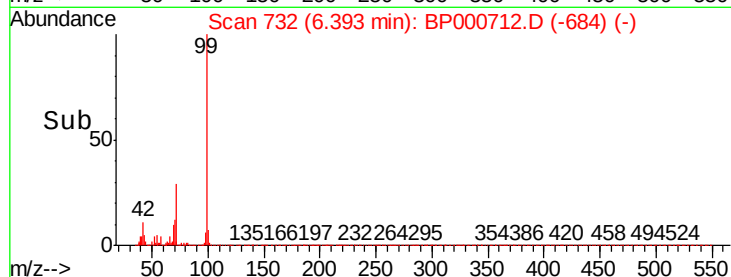
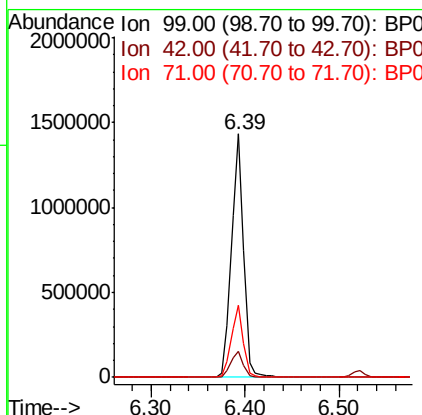
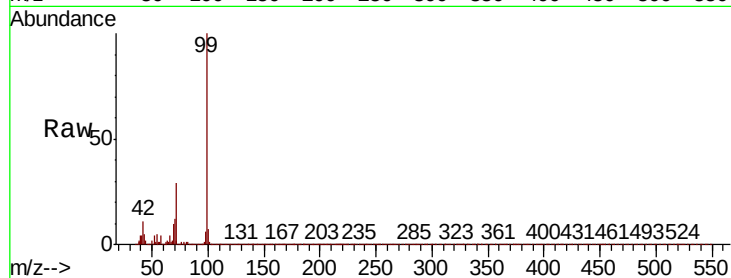
ClientSampleId :

20190832-COMPOSITE-HRE

Tot Ion:	99	Resp:	1280217
Ion	Ratio	Lower	Upper
99	100		
42	10.9	8.6	12.8
71	29.4	23.0	34.4

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#9

Benzaldehyde

Concen: 2.774 ng

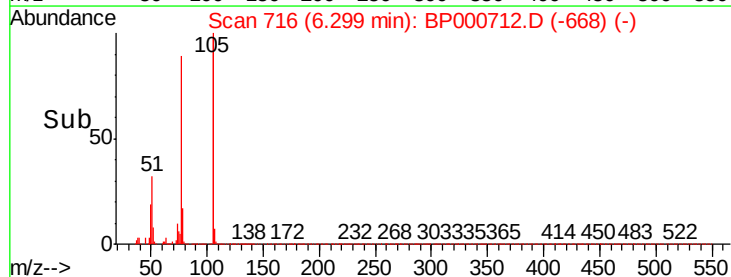
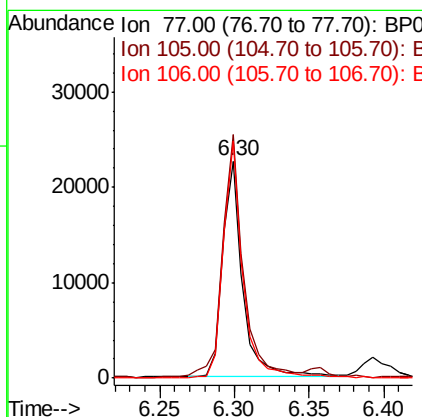
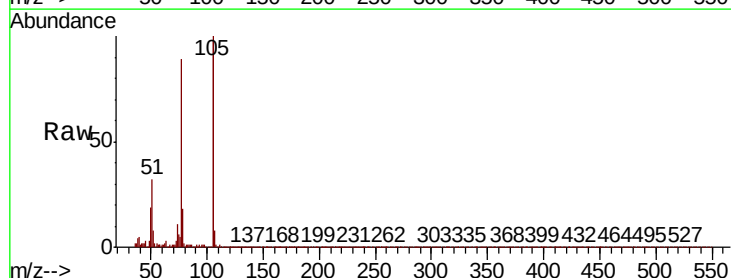
RT: 6.30 min Scan# 716

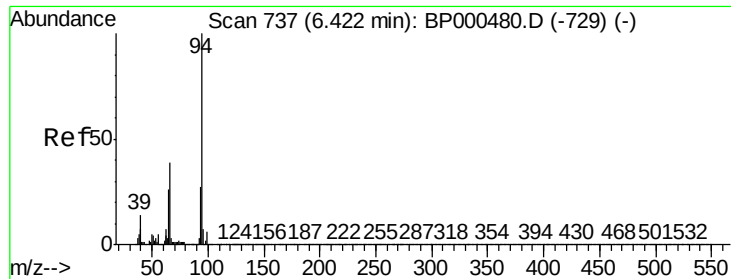
Delta R.T. -0.02 min

Lab File: BP000712.D

Acq: 14 Oct 2019 15:53

Tgt Ion:	77	Resp:	21617
Ion	Ratio	Lower	Upper
77	100		
105	112.1	88.3	128.3
106	109.5	85.7	125.7





#10

Phenol

Concen: 4.383 ng

RT: 6.40 min Scan# 734

Delta R.T. -0.02 min

Lab File: BP000712.D

Acq: 14 Oct 2019 15:53

Instrument :

BNA_P

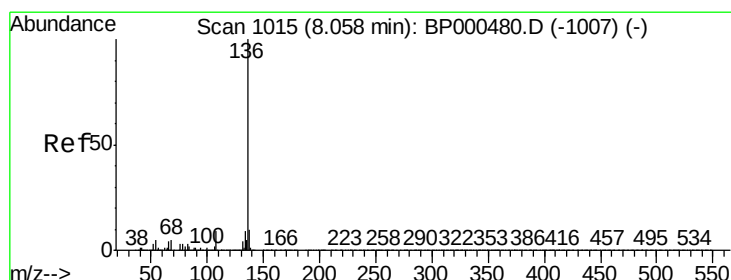
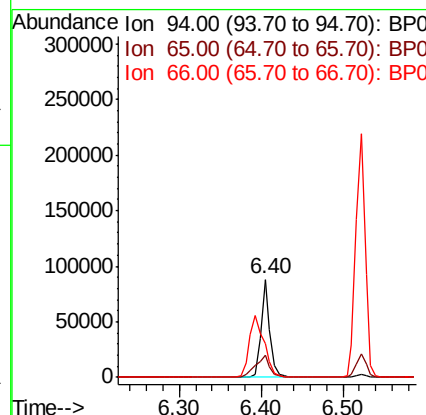
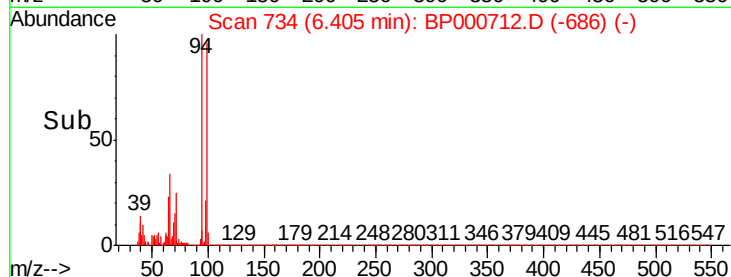
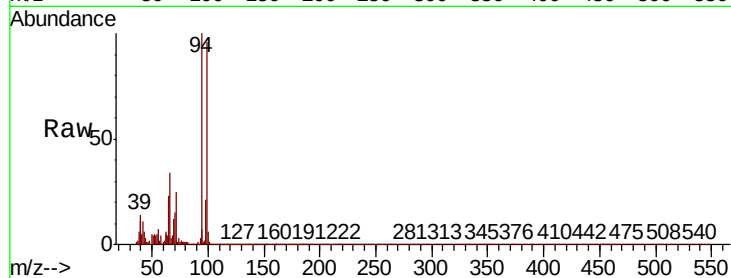
ClientSampleId :

20190832-COMPOSITE-HRE

Tot Ion	Ion	Ratio	Resp	Lower	Upper
94	100		67145		
65	22.9	5.9	45.9		
66	34.0	18.8	58.8		

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#21

Naphthalene-d8

Concen: 20.000 ng

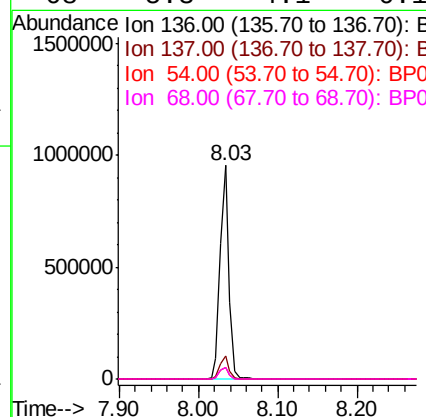
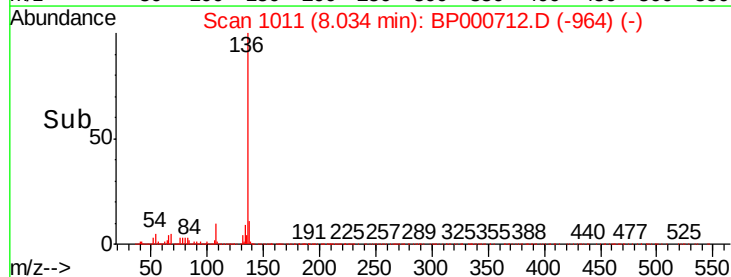
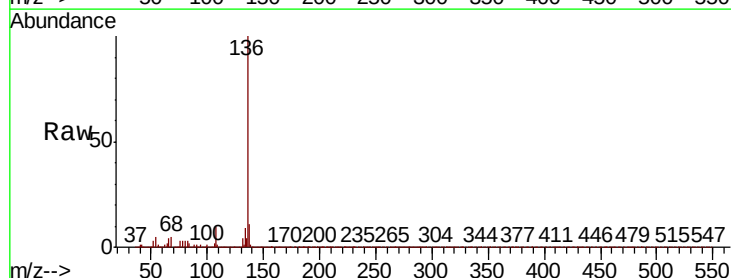
RT: 8.03 min Scan# 1011

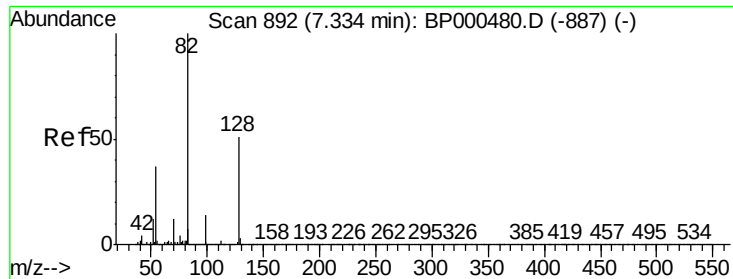
Delta R.T. -0.02 min

Lab File: BP000712.D

Acq: 14 Oct 2019 15:53

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136	100		731310		
137	10.8	8.2	12.4		
54	5.5	4.1	6.1		
68	5.3	4.1	6.1		





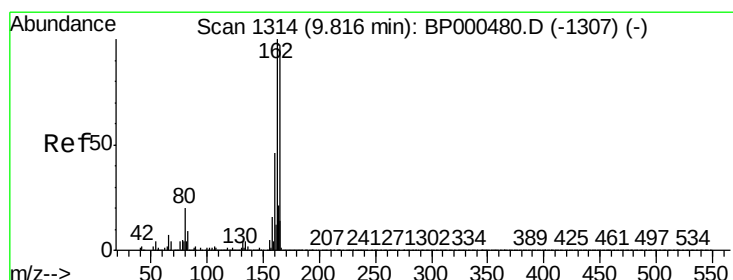
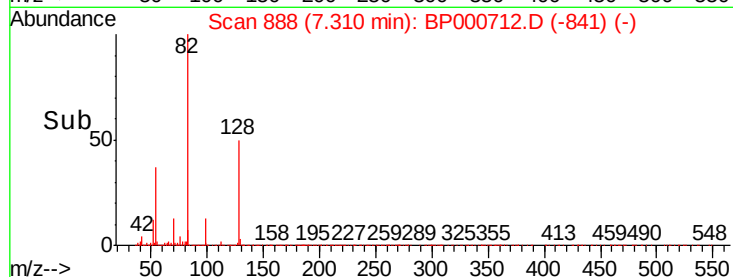
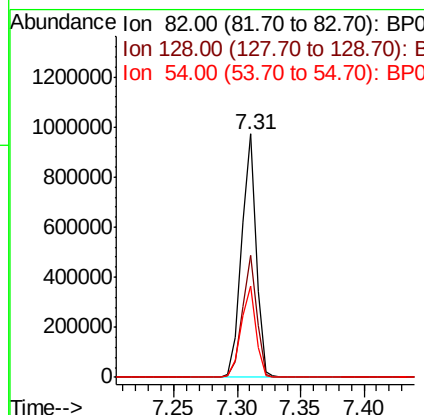
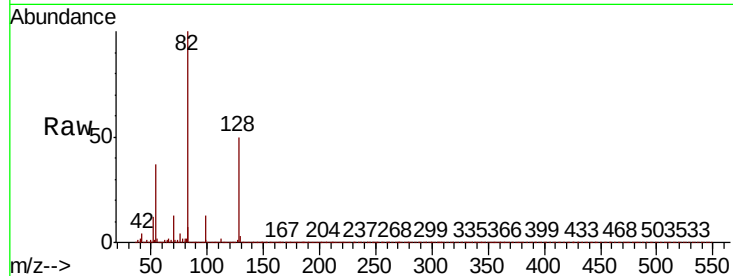
#23
Nitrobenzene-d5
Concen: 63.672 ng
RT: 7.31 min Scan# 888
Delta R.T. -0.02 min
Lab File: BP000712.D
Acq: 14 Oct 2019 15:53

Instrument :
BNA_P
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Tot Ion	Ratio	Lower	Upper
82	100		
128	50.3	40.9	61.3
54	37.5	29.4	44.2

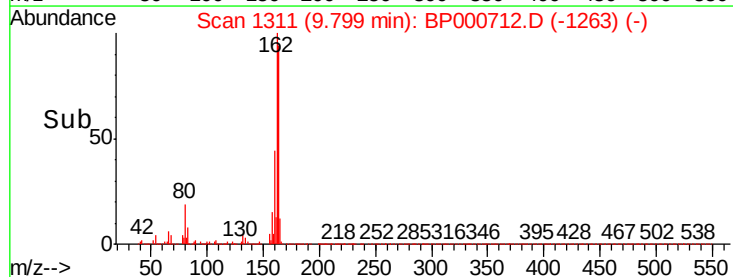
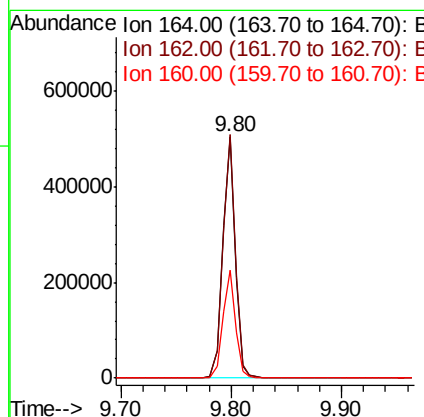
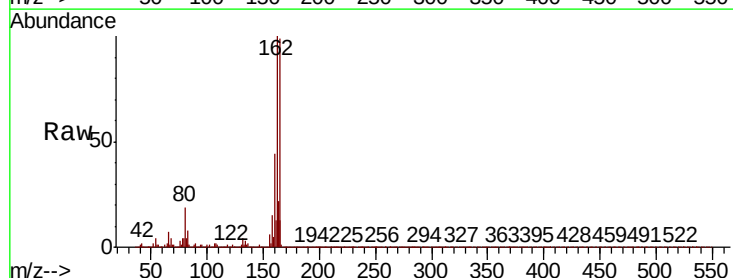
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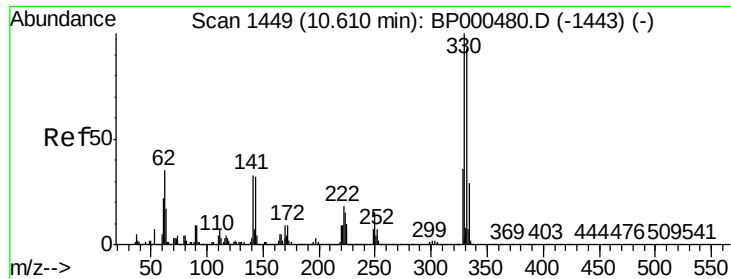
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.80 min Scan# 1311
Delta R.T. -0.02 min
Lab File: BP000712.D
Acq: 14 Oct 2019 15:53

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.8	82.2	123.2
160	44.8	37.6	56.4





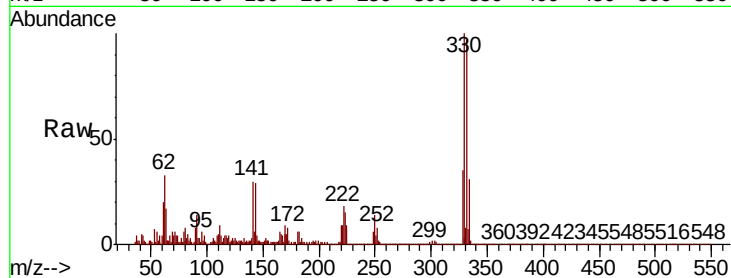
#42
2,4,6-Tribromophenol
Concen: 11.162 ng
RT: 10.59 min Scan# 1446
Delta R.T. -0.02 min
Lab File: BP000712.D
Acq: 14 Oct 2019 15:53

Instrument :
BNA_P
ClientSampleId :
20190832-COMPOSITE-HRE

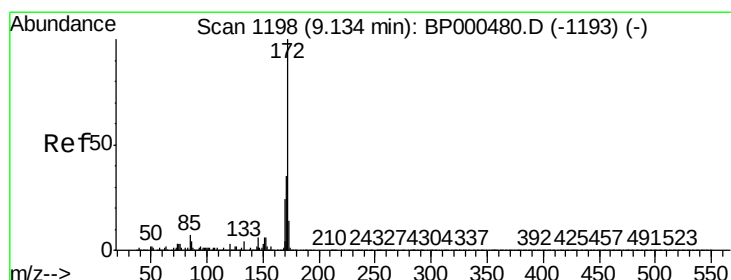
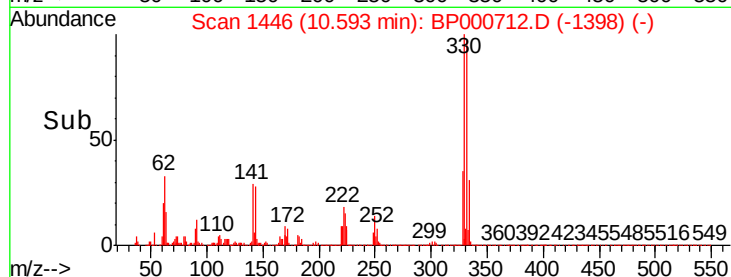
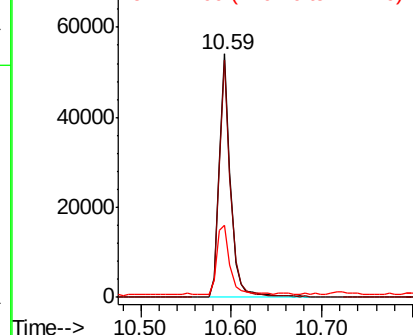
Tot Ion	Ratio	Lower	Upper
330	100		
332	97.3	77.1	115.7
141	32.5	26.0	39.0

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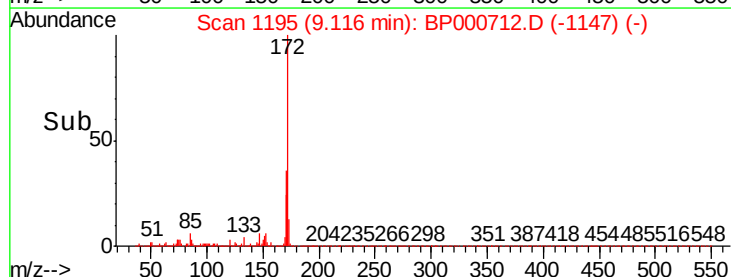
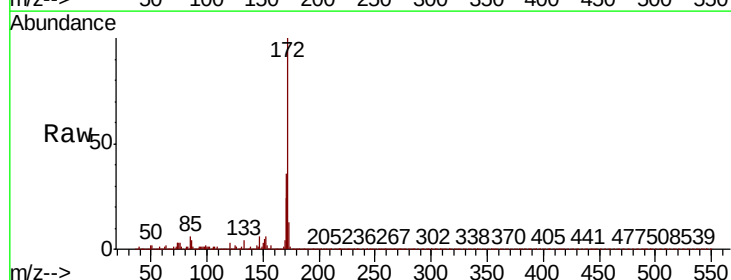
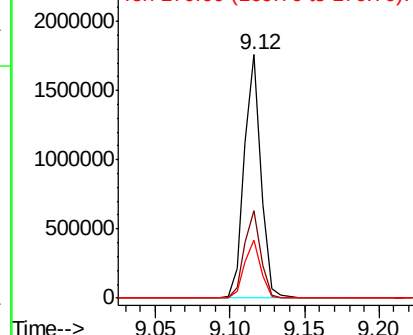
Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

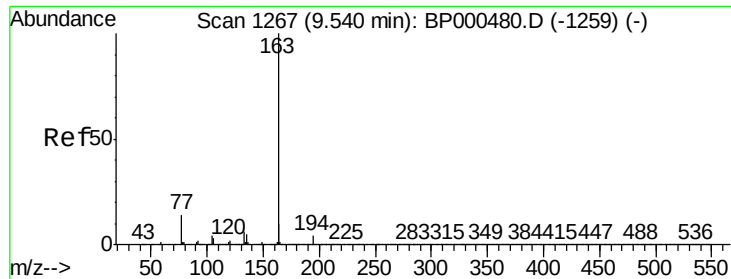


#45
2-Fluorobiphenyl
Concen: 56.055 ng
RT: 9.12 min Scan# 1195
Delta R.T. -0.02 min
Lab File: BP000712.D
Acq: 14 Oct 2019 15:53

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.7	28.4	42.6
170	23.8	19.1	28.7

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





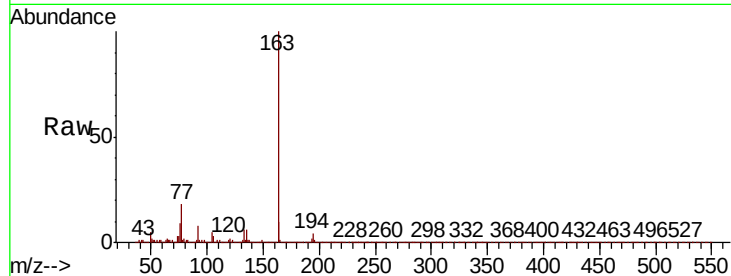
#50
Dimethylphthalate
Concen: 10.305 ng
RT: 9.51 min Scan# 1262
Delta R.T. -0.03 min
Lab File: BP000712.D
Acq: 14 Oct 2019 15:53

Instrument :
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20190832-COMPOSITE-HRE

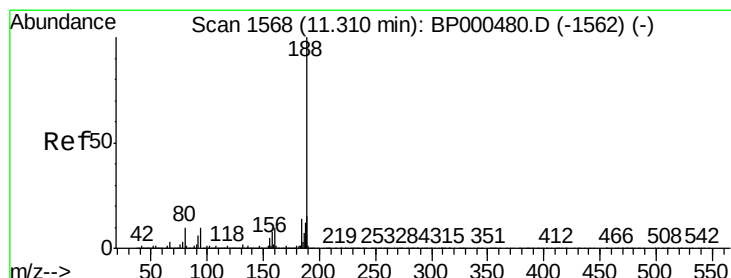
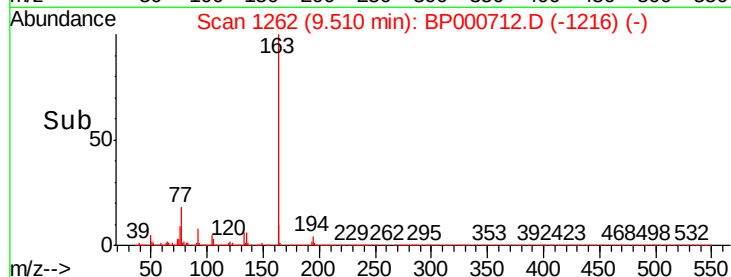
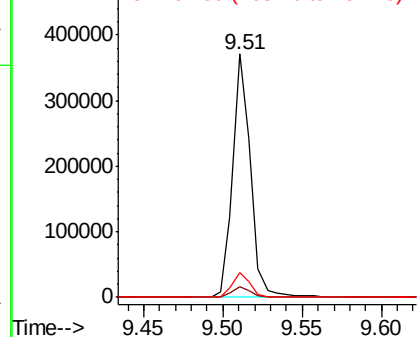
Tot Ion	Ratio	Resp	Lower	Upper
163	100	285230		
194	4.3	3.4	5.2	
164	10.3	8.0	12.0	

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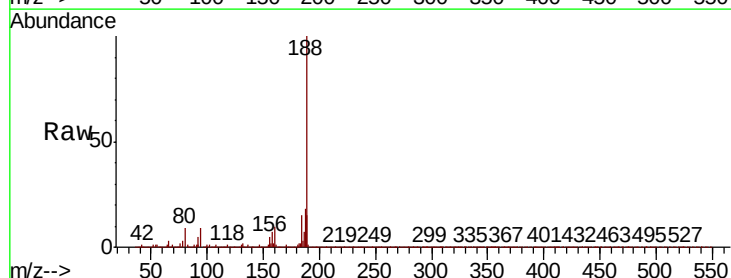


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

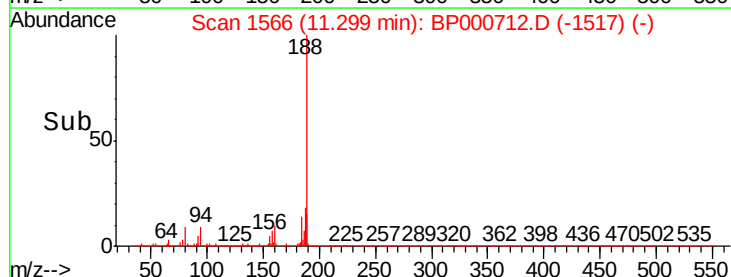
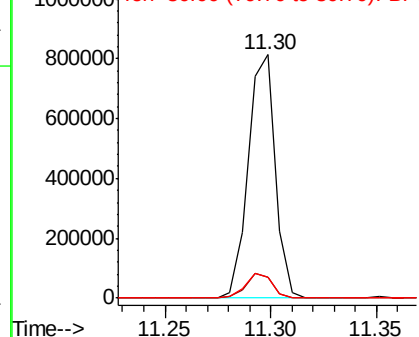


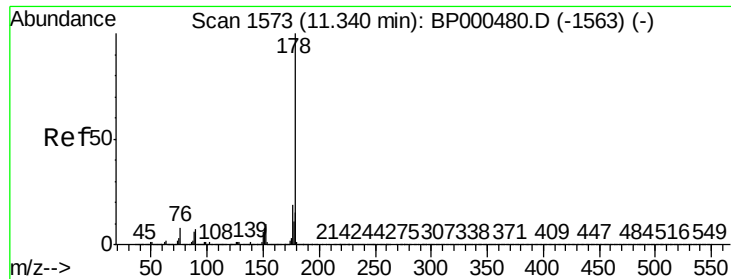
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.30 min Scan# 1566
Delta R.T. -0.01 min
Lab File: BP000712.D
Acq: 14 Oct 2019 15:53

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	721973		
94	8.8	8.2	12.2	
80	8.7	8.3	12.5	



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BP0
Ion 80.00 (79.70 to 80.70): BP0





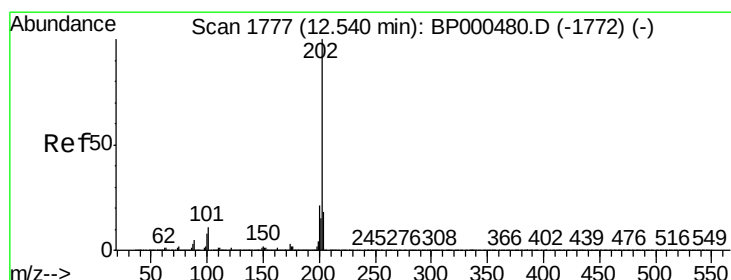
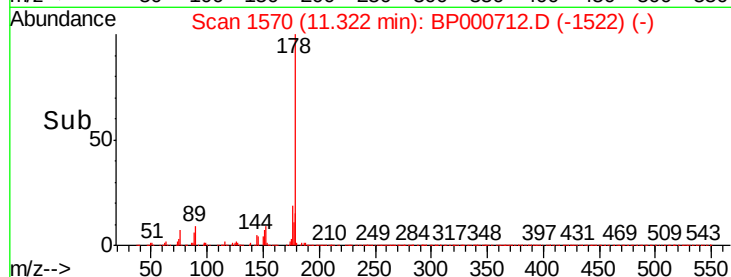
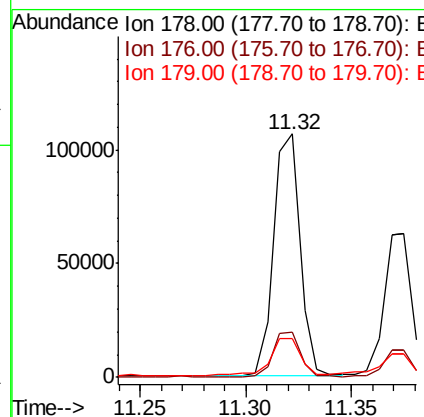
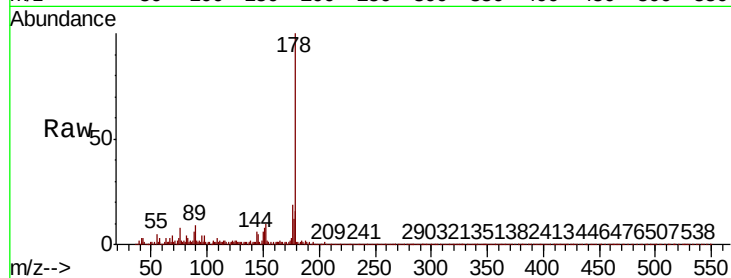
#71
Phenanthrene
Concen: 2.586 ng
RT: 11.32 min Scan# 1570
Delta R.T. -0.02 min
Lab File: BP000712.D
Acq: 14 Oct 2019 15:53

Instrument :
BNA_P
ClientSampleId :
20190832-COMPOSITE-HRE

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.4	23.2
179	15.8	12.2	18.4

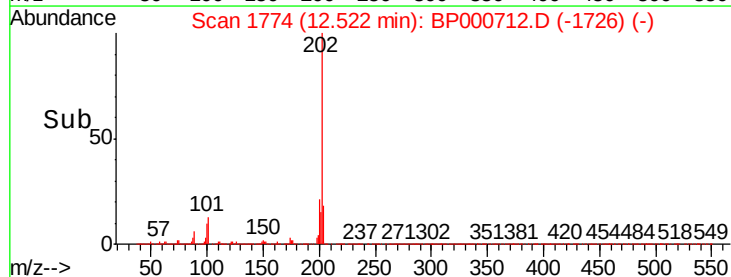
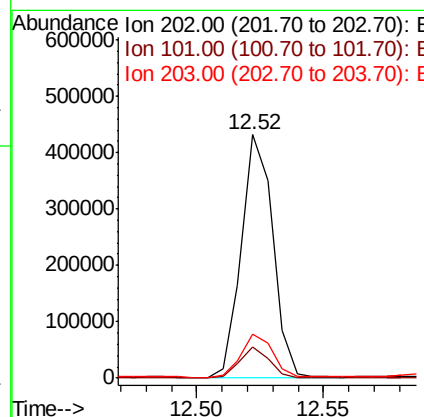
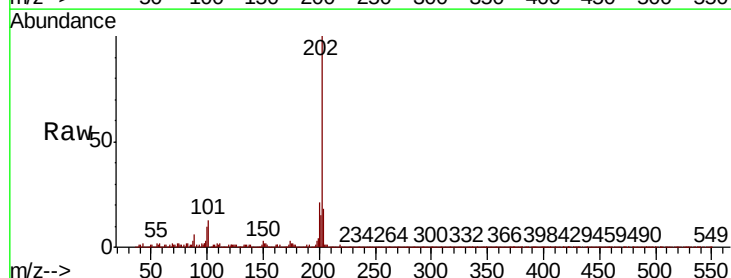
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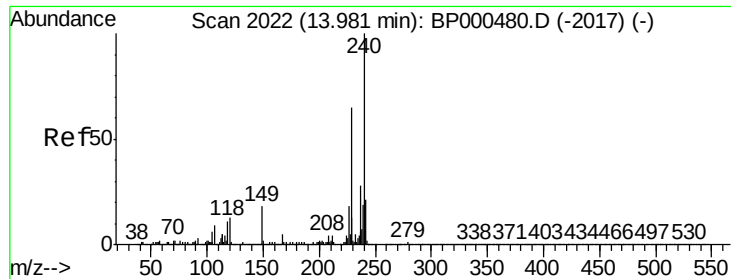
mohammad
10/16/2019 8:11:30 AM



#75
Fluoranthene
Concen: 9.117 ng
RT: 12.52 min Scan# 1774
Delta R.T. -0.02 min
Lab File: BP000712.D
Acq: 14 Oct 2019 15:53

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.7	0.0	31.3
203	18.2	0.0	38.1





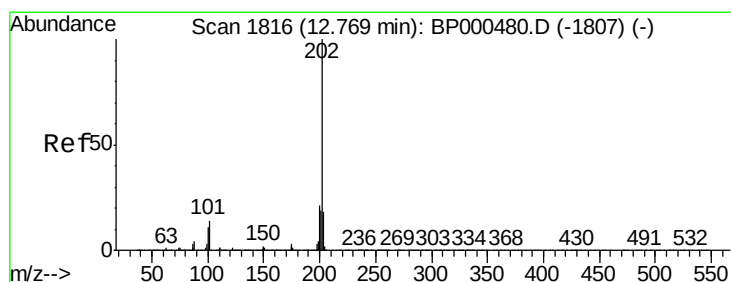
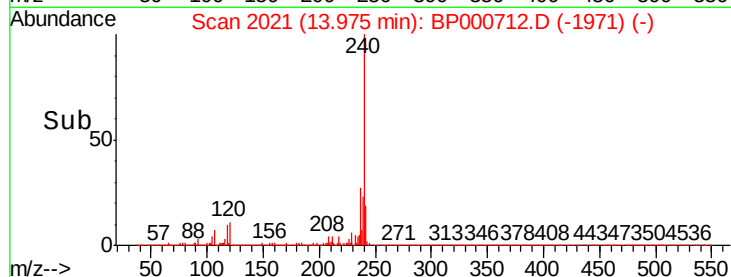
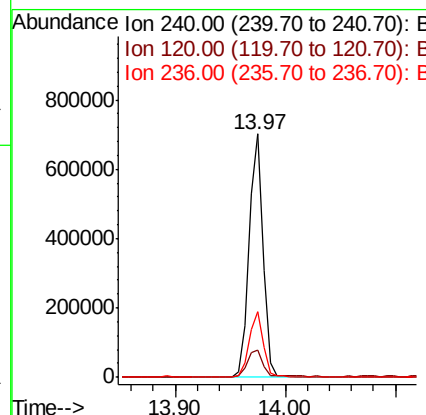
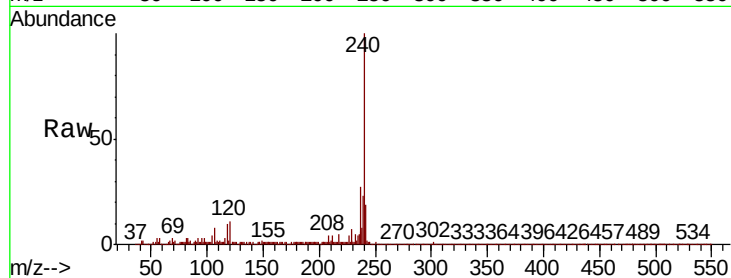
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2021
Delta R.T. -0.01 min
Lab File: BP000712.D
Acq: 14 Oct 2019 15:53

Instrument :
BNA_P
ClientSampleId :
20190832-COMPOSITE-HRE

Tot Ion	Ratio	Lower	Upper
240	100		
120	11.0	10.1	15.1
236	26.9	22.7	34.1

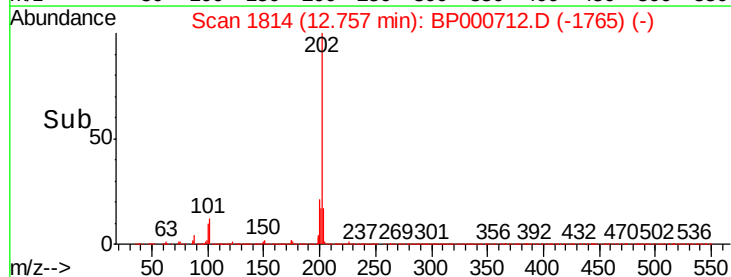
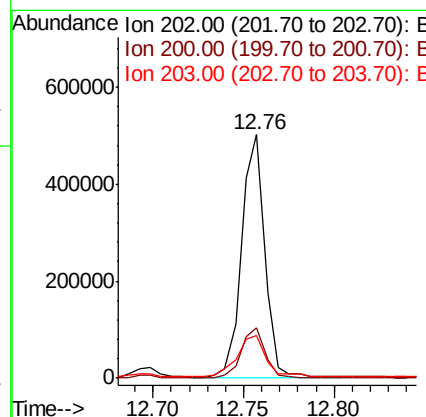
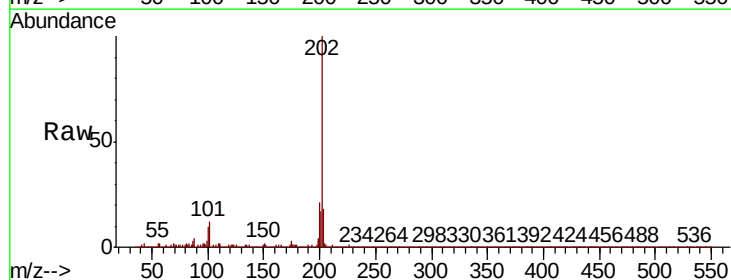
Manual Integrations
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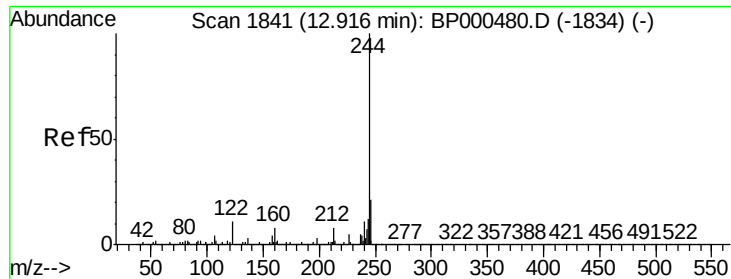
mohammad
10/16/2019 8:11:30 AM



#78
Pyrene
Concen: 10.347 ng
RT: 12.76 min Scan# 1814
Delta R.T. -0.01 min
Lab File: BP000712.D
Acq: 14 Oct 2019 15:53

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.7	17.1	25.7
203	17.6	14.6	21.8





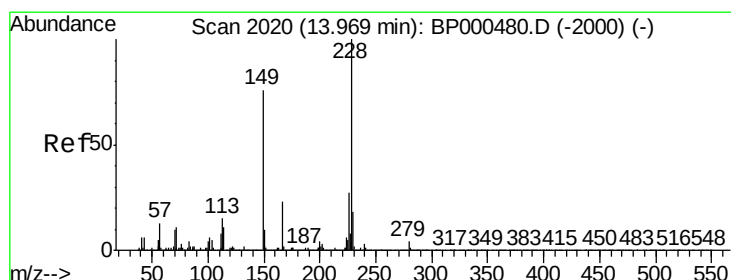
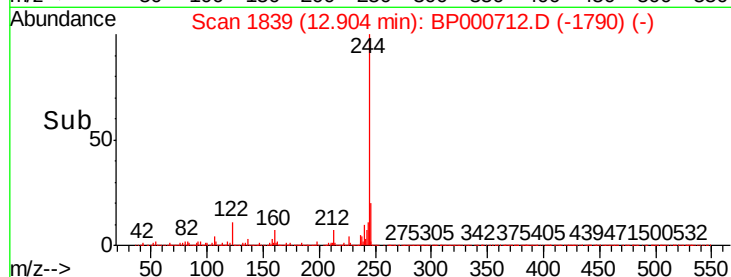
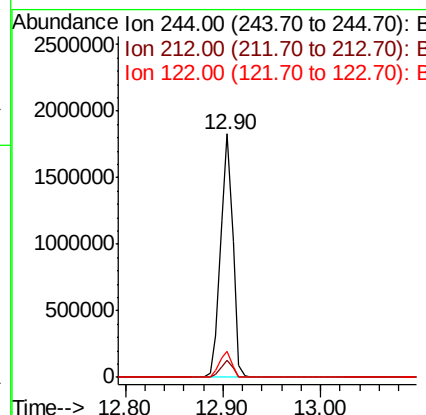
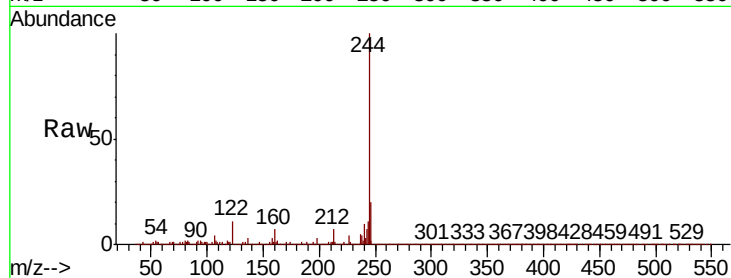
#79
 Terphenyl-d14
 Concen: 51.745 ng
 RT: 12.90 min Scan# 1839
 Delta R.T. -0.01 min
 Lab File: BP000712.D
 Acq: 14 Oct 2019 15:53

Instrument :
 BNA_P
 ClientSampleId :
 20190832-COMPOSITE-HRE

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.2	6.0	9.0
122	10.8	8.9	13.3

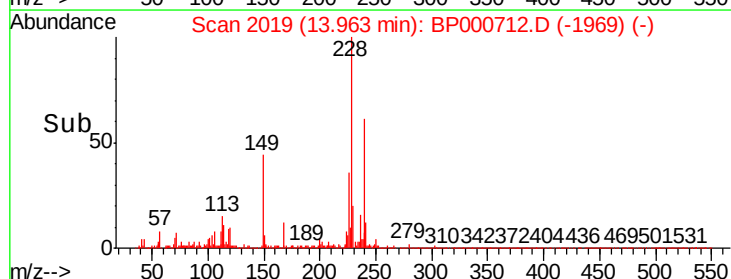
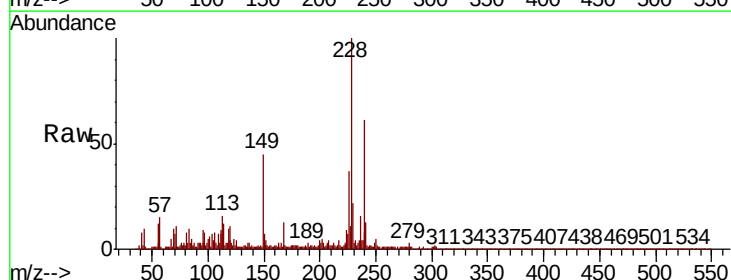
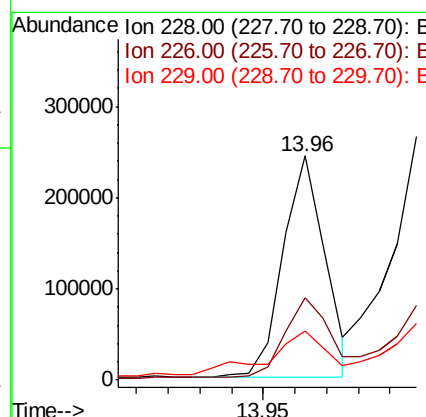
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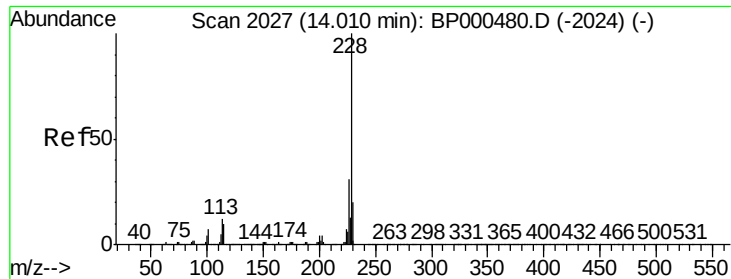
mohammad
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#81
 Benzo(a)anthracene
 Concen: 5.931 ng
 RT: 13.96 min Scan# 2019
 Delta R.T. -0.01 min
 Lab File: BP000712.D
 Acq: 14 Oct 2019 15:53

Tgt Ion	Ratio	Lower	Upper
228	100		
226	36.8	21.4	32.2#
229	22.1	14.7	22.1#





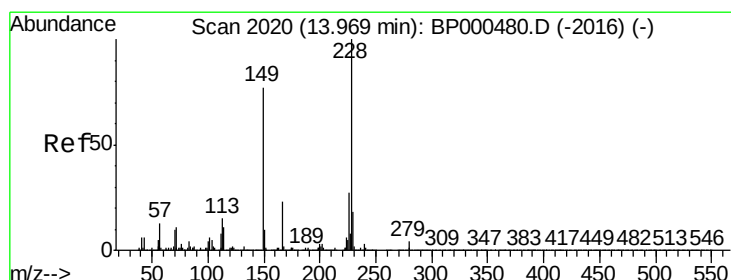
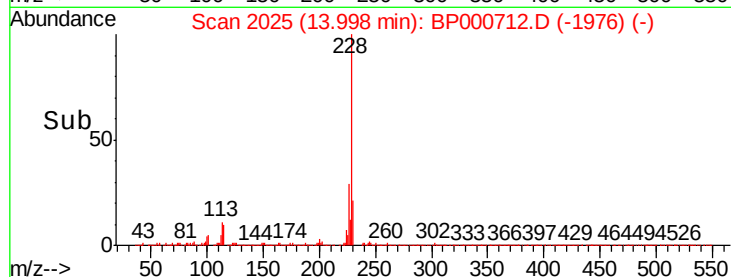
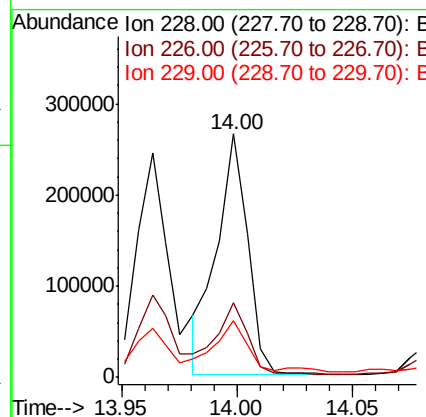
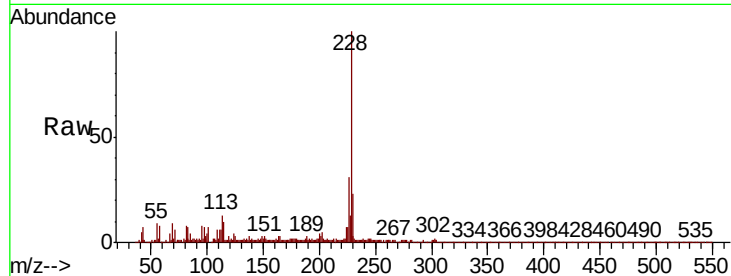
#83
Chrysene
Concen: 6.627 ng
RT: 14.00 min Scan# 2025
Delta R.T. -0.01 min
Lab File: BP000712.D
Acq: 14 Oct 2019 15:53

Instrument :
BNA_P
ClientSampleId :
20190832-COMPOSITE-HRE

Tot Ion	Ratio	Resp	Lower	Upper
228	100	246242		
226	30.5	24.7	37.1	
229	23.4	16.3	24.5	

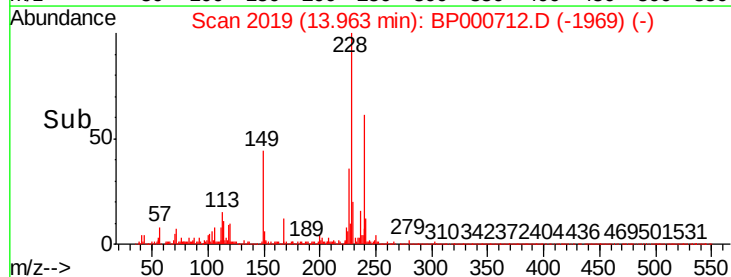
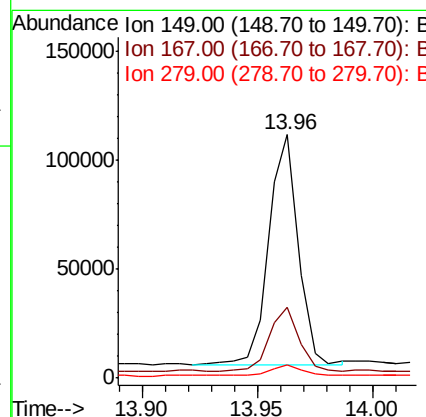
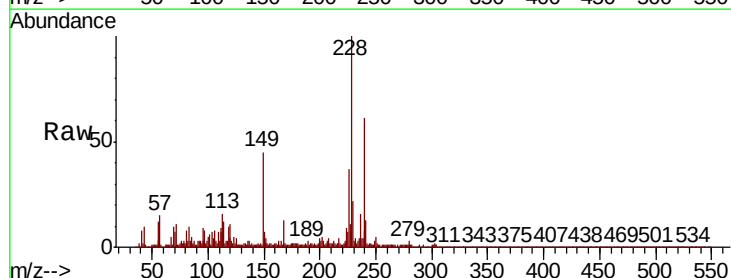
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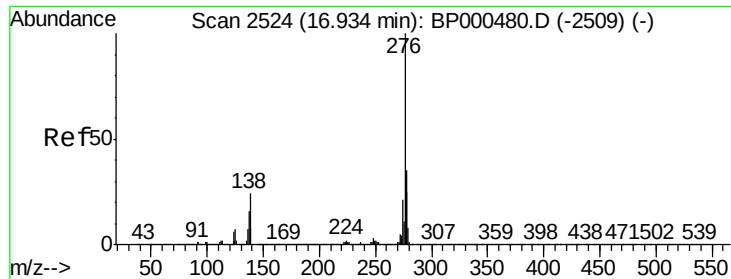
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#84
Bis(2-ethylhexyl)phthalate
Concen: 3.981 ng
RT: 13.96 min Scan# 2019
Delta R.T. -0.01 min
Lab File: BP000712.D
Acq: 14 Oct 2019 15:53

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	93367		
167	29.3	23.6	35.4	
279	5.5	3.9	5.9	





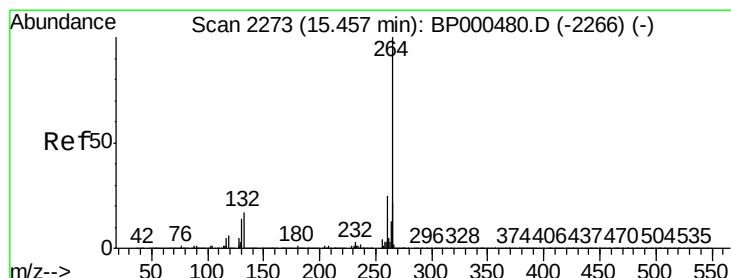
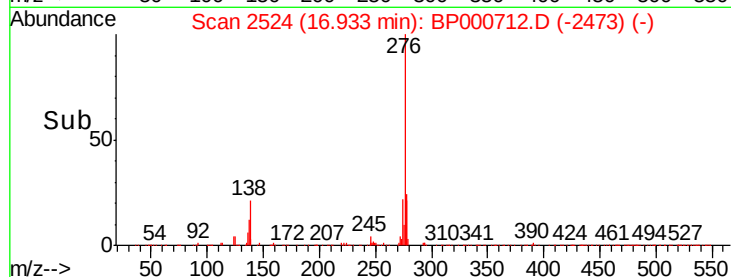
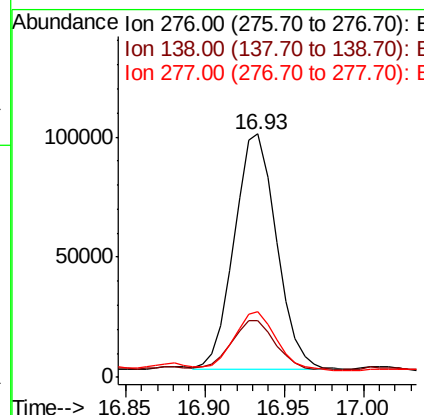
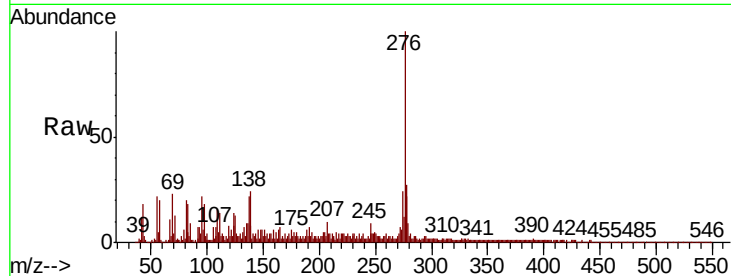
#86
Indeno(1,2,3-cd)pyrene
Concen: 3.940 ng
RT: 16.93 min Scan# 2524
Delta R.T. -0.00 min
Lab File: BP000712.D
Acq: 14 Oct 2019 15:53

Instrument :
BNA_P
ClientSampleId :
20190832-COMPOSITE-HRE

Tot Ion	Ratio	Lower	Upper
276	100		
138	21.4	20.9	31.3
277	25.5	20.6	30.8

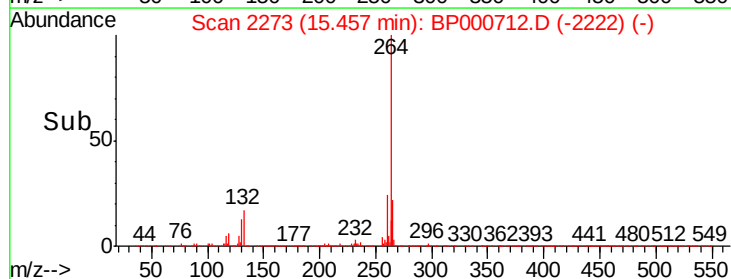
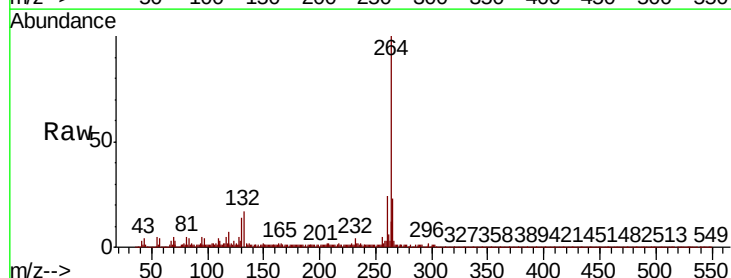
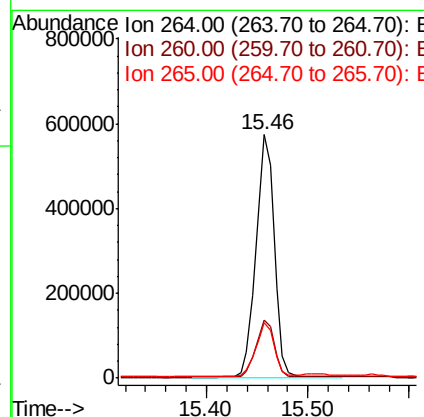
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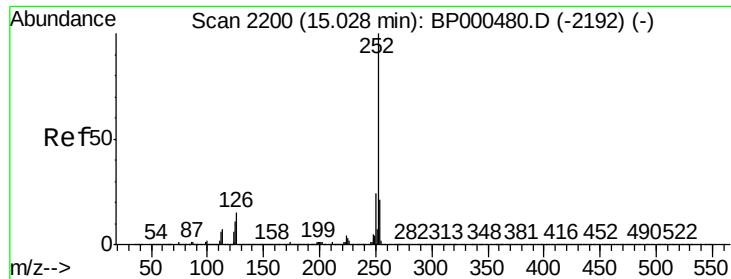
mohammad
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#87
Perylene-d12
Concen: 20.000 ng
RT: 15.46 min Scan# 2273
Delta R.T. -0.00 min
Lab File: BP000712.D
Acq: 14 Oct 2019 15:53

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.0	20.3	30.5
265	22.7	18.0	27.0





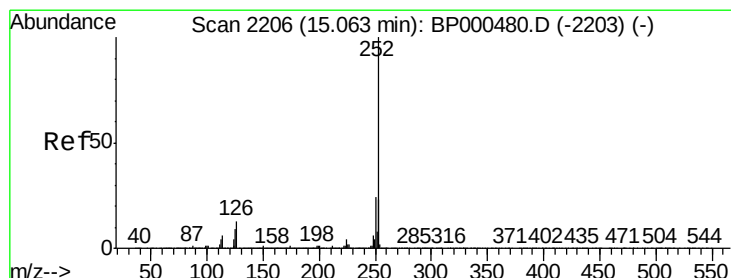
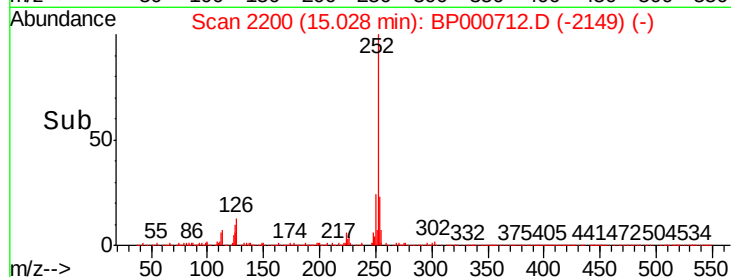
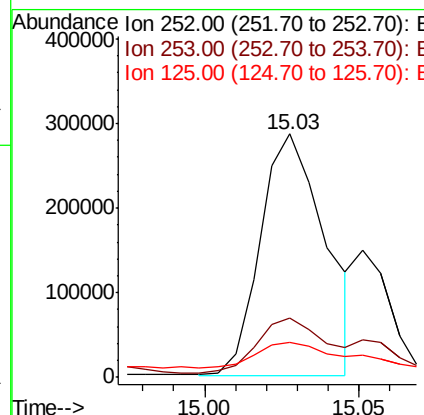
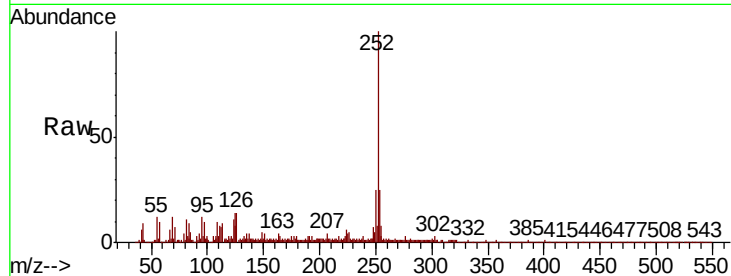
#88
Benzo(b)fluoranthene
Concen: 10.215 ng m
RT: 15.03 min Scan# 2200
Delta R.T. -0.00 min
Lab File: BP000712.D
Acq: 14 Oct 2019 15:53

Instrument :
BNA_P
ClientSampleId :
20190832-COMPOSITE-HRE

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.6	17.0	25.4
125	14.5	8.9	13.3

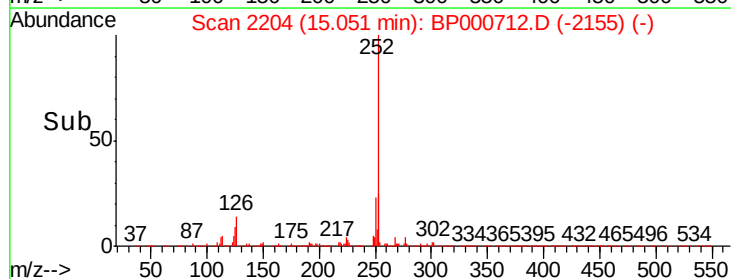
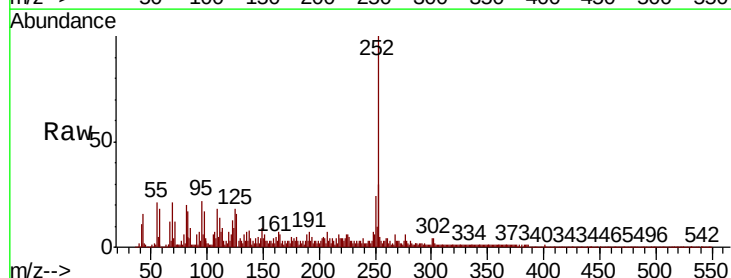
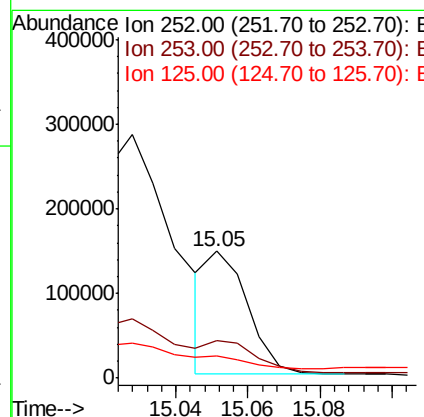
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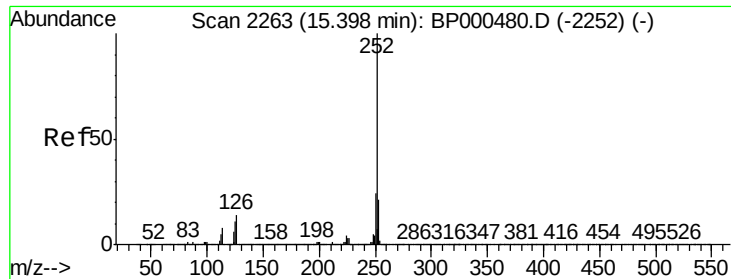
mohammad
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#89
Benzo(k)fluoranthene
Concen: 2.898 ng m
RT: 15.05 min Scan# 2204
Delta R.T. -0.01 min
Lab File: BP000712.D
Acq: 14 Oct 2019 15:53

Tgt Ion	Ratio	Lower	Upper
252	100		
253	29.7	18.4	27.6
125	17.7	7.8	11.8





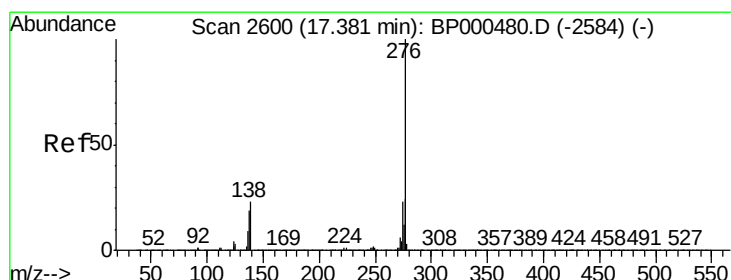
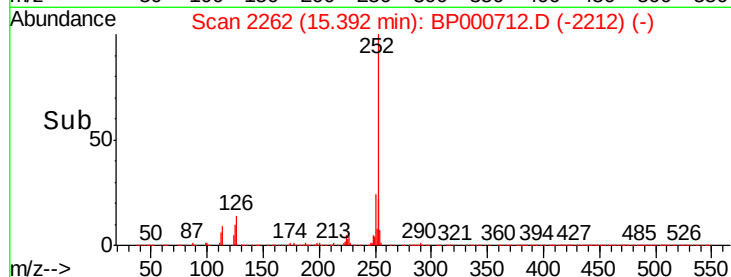
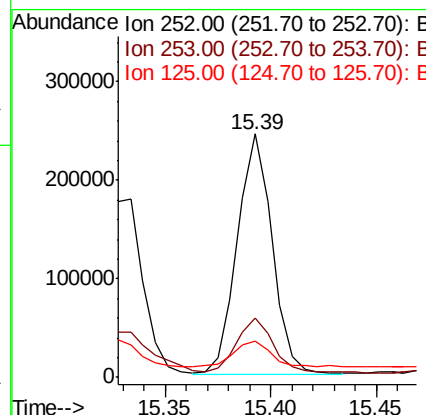
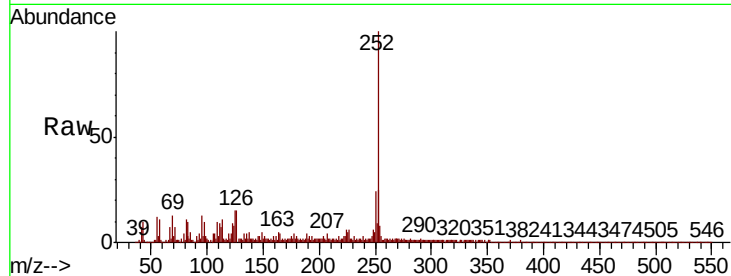
#90
Benzo(a)pyrene
Concen: 7.303 ng
RT: 15.39 min Scan# 2262
Delta R.T. -0.01 min
Lab File: BP000712.D
Acq: 14 Oct 2019 15:53

Instrument :
BNA_P
ClientSampleId :
20190832-COMPOSITE-HRE

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.6	17.0	25.6
125	14.7	8.4	12.6

Manual Integrations
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10/16/2019 8:11:30 AM



#92
Benzo(g,h,i)perylene
Concen: 4.834 ng
RT: 17.38 min Scan# 2600
Delta R.T. -0.00 min
Lab File: BP000712.D
Acq: 14 Oct 2019 15:53

Tgt Ion	Ratio	Lower	Upper
276	100		
277	26.2	19.4	29.2
138	24.0	18.5	27.7

