

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP101419\
 Data File : BP000711.D
 Acq On : 14 Oct 2019 15:29
 Operator : JU
 Sample : K5348-07RE
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 20190831-COMPOSITE-GRE

Manual Integrations
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mohammad
 10/16/2019 8:11:28 AM

Quant Time: Oct 15 04:31:08 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	207068	20.00	ng	-0.02
21) Naphthalene-d8	8.03	136	753126	20.00	ng	-0.02
39) Acenaphthene-d10	9.80	164	412336	20.00	ng	-0.02
64) Phenanthrene-d10	11.30	188	756796	20.00	ng	-0.01
76) Chrysene-d12	13.97	240	639230	20.00	ng	0.00
87) Perylene-d12	15.45	264	762275	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	370193	28.74	ng	-0.02
7) Phenol-d6	6.39	99	1354975	87.29	ng	-0.02
23) Nitrobenzene-d5	7.31	82	833676	67.61	ng	-0.02
42) 2,4,6-Tribromophenol	10.59	330	44525	10.13	ng	-0.02
45) 2-Fluorobiphenyl	9.12	172	1462833	57.40	ng	-0.02
79) Terphenyl-d14	12.90	244	1695215	53.70	ng	-0.01
Target Compounds						Qvalue
9) Benzaldehyde	6.30	77	32509	4.021	ng	92
10) Phenol	6.40	94	79576	5.007	ng	94
50) Dimethylphthalate	9.51	163	336023	11.728	ng	99
71) Phenanthrene	11.32	178	110219	2.900	ng	98
75) Fluoranthene	12.52	202	359740	8.427	ng	98
78) Pyrene	12.76	202	383461	8.698	ng	100
81) Benzo(a)anthracene	13.96	228	212343	5.444	ng	# 80
83) Chrysene	14.00	228	235166	6.143	ng	97
84) Bis(2-ethylhexyl)phthalate	13.96	149	159890	6.617	ng	99
86) Indeno(1,2,3-cd)pyrene	16.92	276	168197	3.517	ng	96
88) Benzo(b)fluoranthene	15.02	252	317399m	7.339	ng	
89) Benzo(k)fluoranthene	15.05	252	107461m	2.610	ng	
90) Benzo(a)pyrene	15.39	252	260072	6.451	ng	# 94
92) Benzo(a,h,i)perylene	17.36	276	172976	4.354	ng	99

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

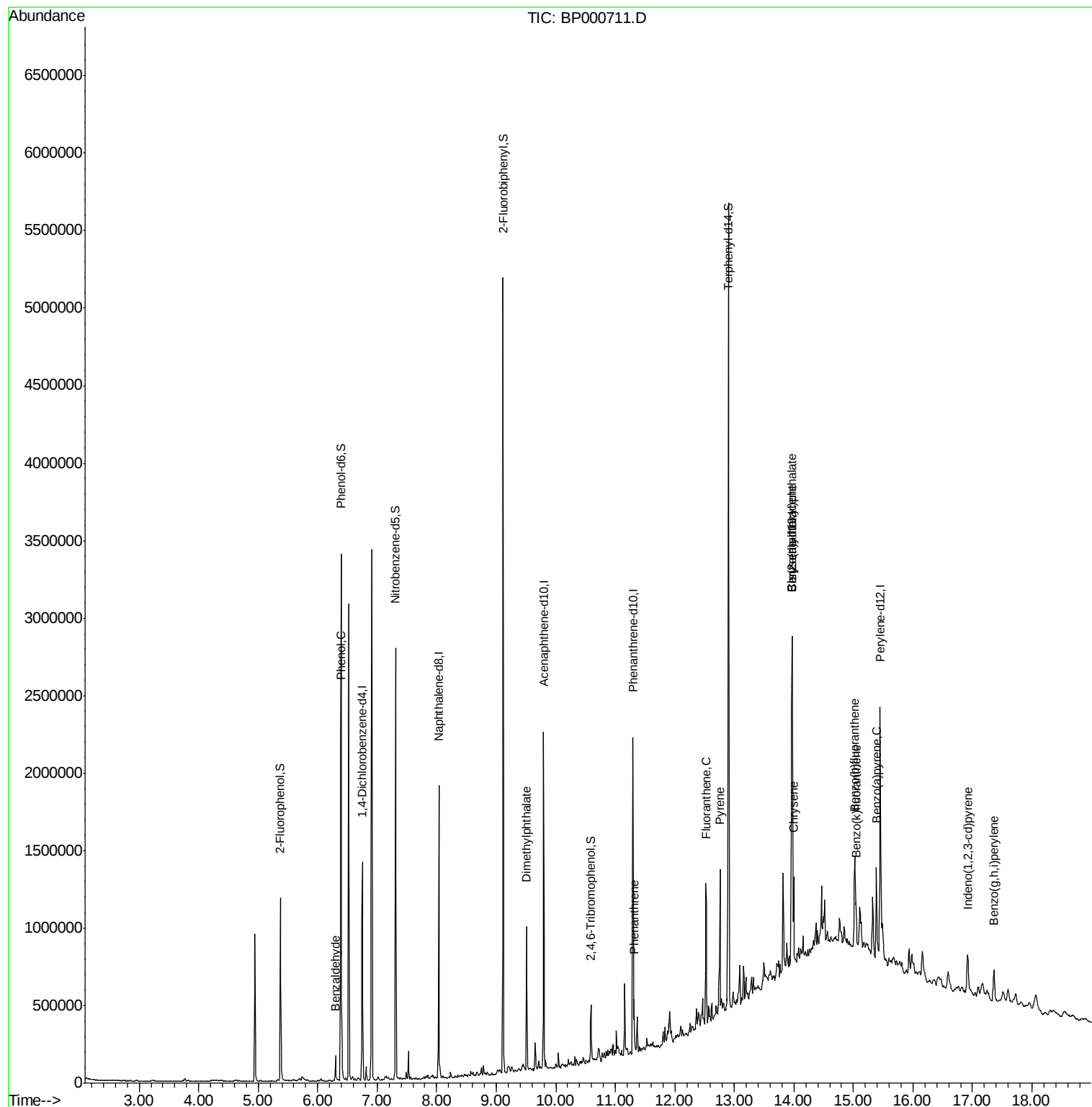
Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP101419\
Data File : BP000711.D
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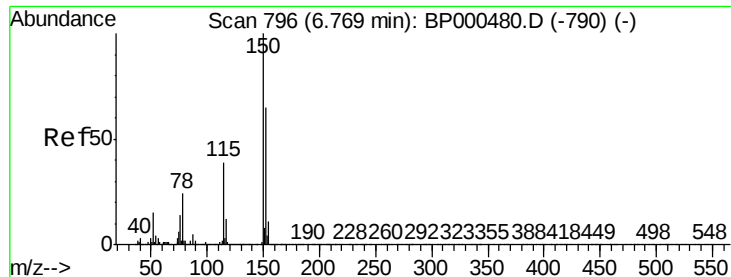
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP100119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

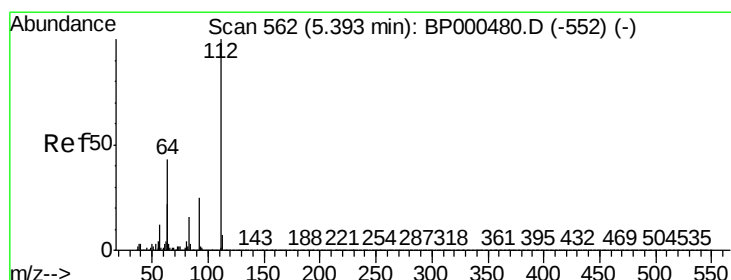
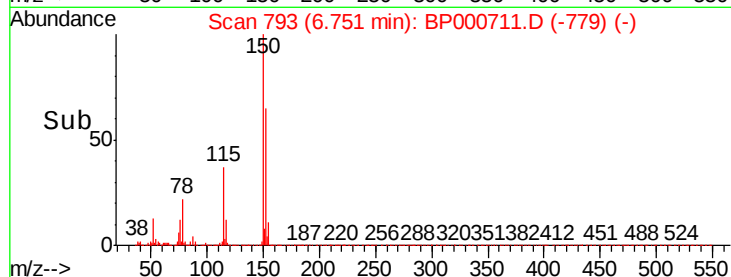
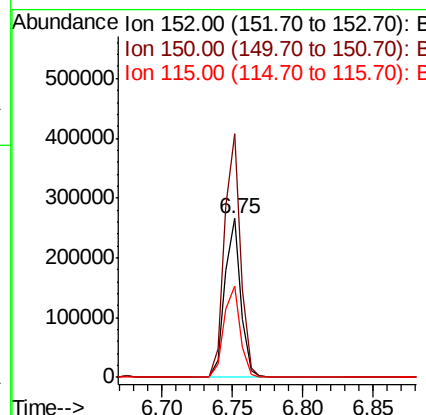
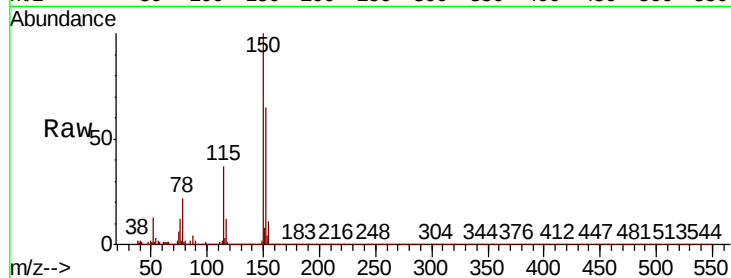
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.75 min Scan# 793
Delta R.T. -0.02 min
Lab File: BP000711.D
Acq: 14 Oct 2019 15:29

Instrument :
BNA_P
ClientSampleId :
20190831-COMPOSITE-GRE

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.6	124.1	186.1
115	57.4	48.7	73.1

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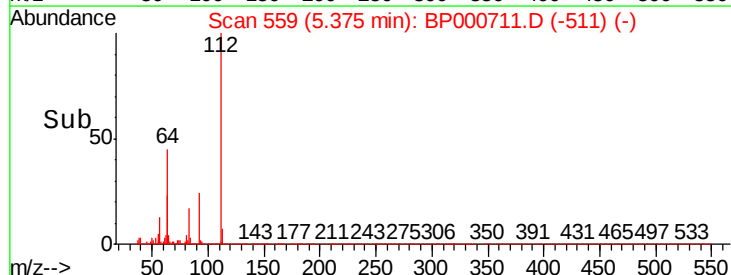
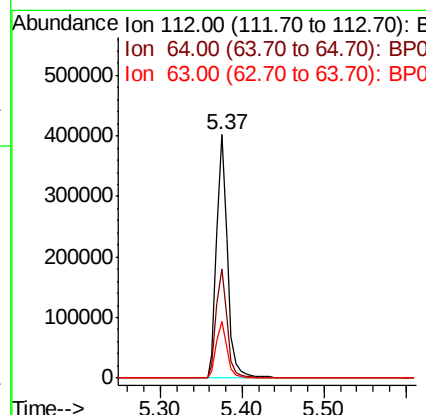
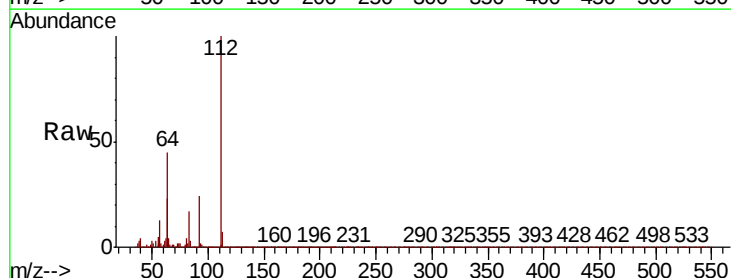
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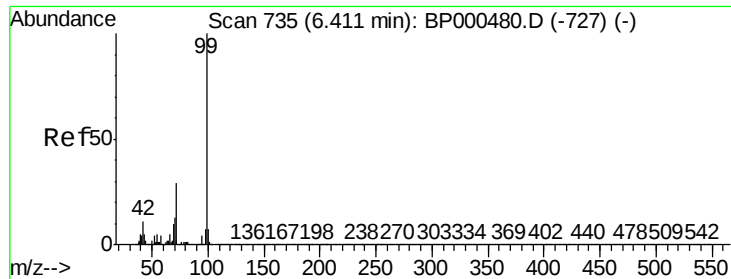


#5

2-Fluorophenol
Concen: 28.738 ng
RT: 5.37 min Scan# 559
Delta R.T. -0.02 min
Lab File: BP000711.D
Acq: 14 Oct 2019 15:29

Tgt Ion	Ratio	Lower	Upper
112	100		
64	44.9	34.2	51.4
63	23.1	17.9	26.9





#7

Phenol-d6

Concen: 87.287 ng

RT: 6.39 min Scan# 732

Delta R.T. -0.02 min

Lab File: BP000711.D

Acq: 14 Oct 2019 15:29

Instrument :

BNA_P

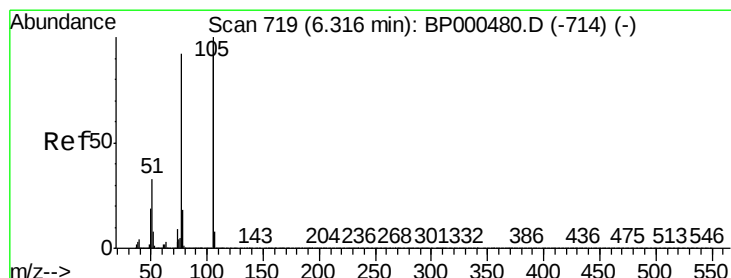
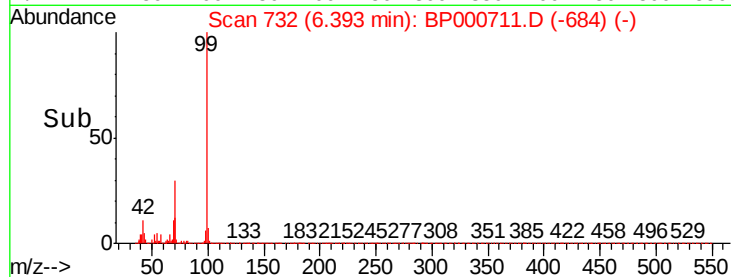
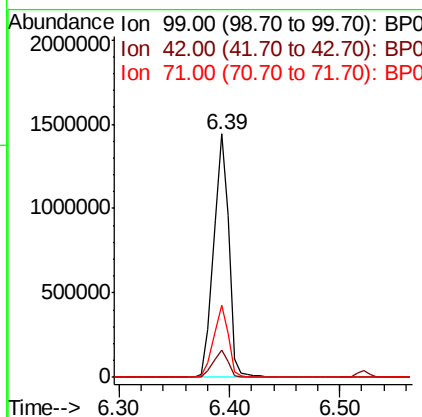
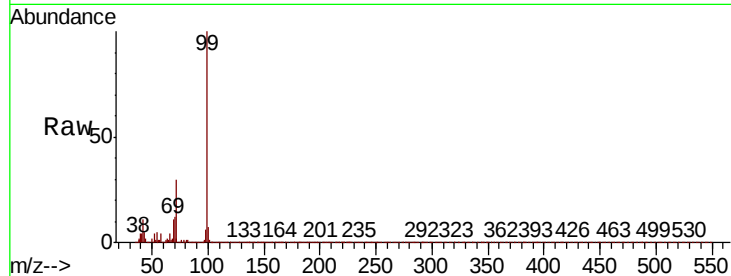
ClientSampleId :

20190831-COMPOSITE-GRE

Tot Ion:	99	Resp:	1354975
Ion	Ratio	Lower	Upper
99	100		
42	11.0	8.6	12.8
71	29.8	23.0	34.4

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#9

Benzaldehyde

Concen: 4.021 ng

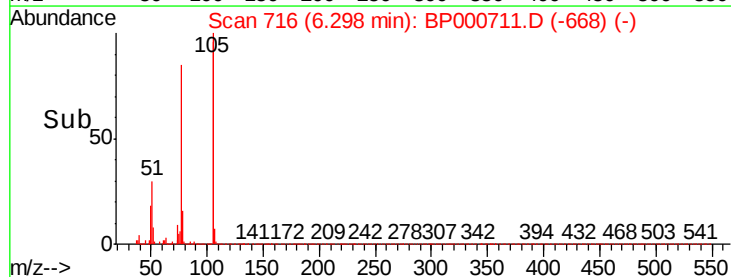
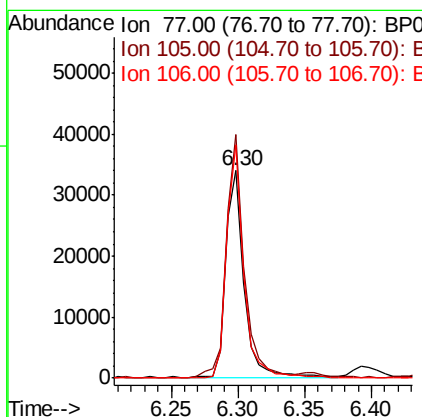
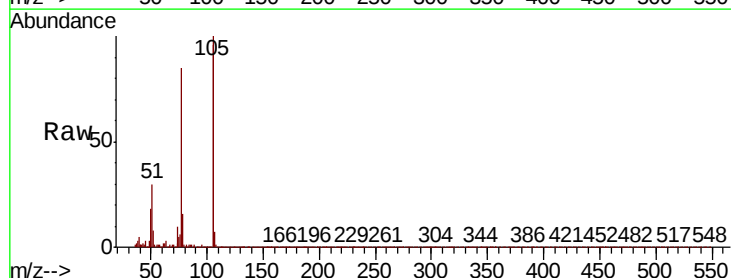
RT: 6.30 min Scan# 716

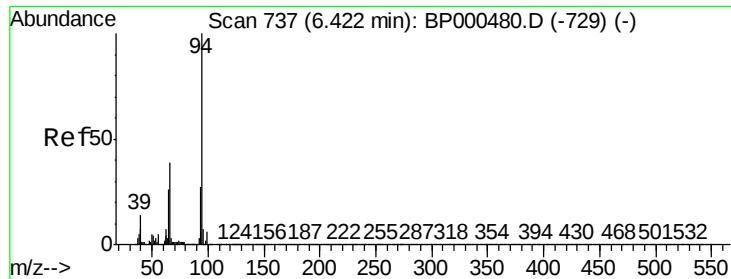
Delta R.T. -0.02 min

Lab File: BP000711.D

Acq: 14 Oct 2019 15:29

Tgt Ion:	77	Resp:	32509
Ion	Ratio	Lower	Upper
77	100		
105	117.4	88.3	128.3
106	112.6	85.7	125.7





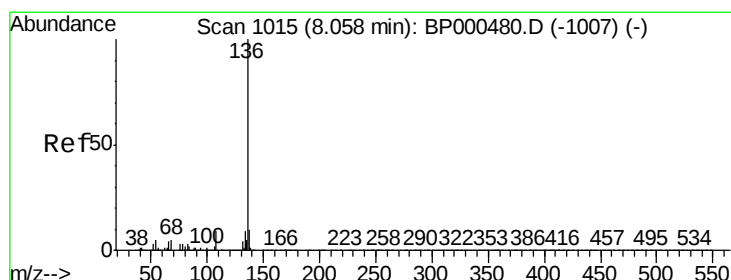
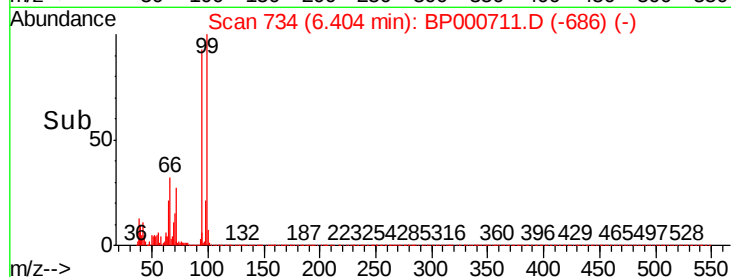
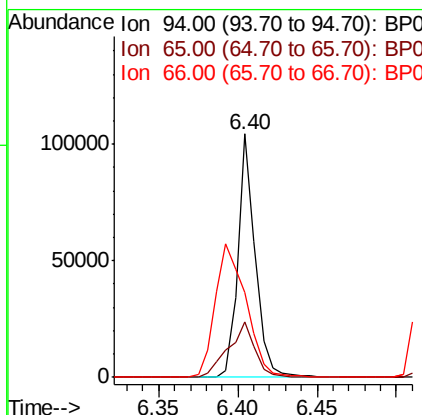
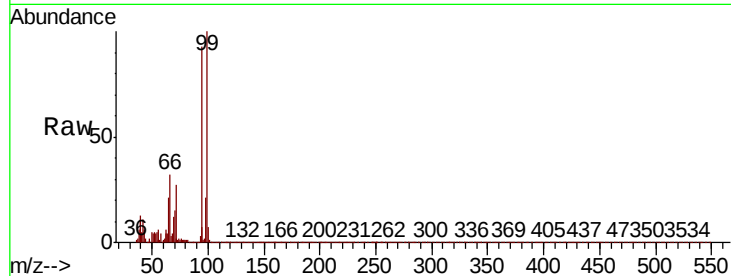
#10
Phenol
Concen: 5.007 ng
RT: 6.40 min Scan# 734
Delta R.T. -0.02 min
Lab File: BP000711.D
Acq: 14 Oct 2019 15:29

Instrument :
BNA_P
ClientSampleId :
20190831-COMPOSITE-GRE

Tot Ion	Ion	Ratio	Resp	Lower	Upper
94	100				
65	23.0	5.9	45.9		
66	34.7	18.8	58.8		

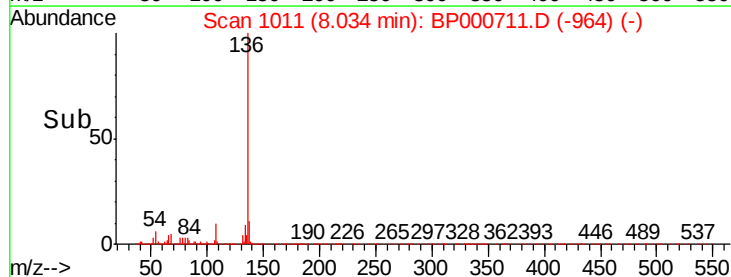
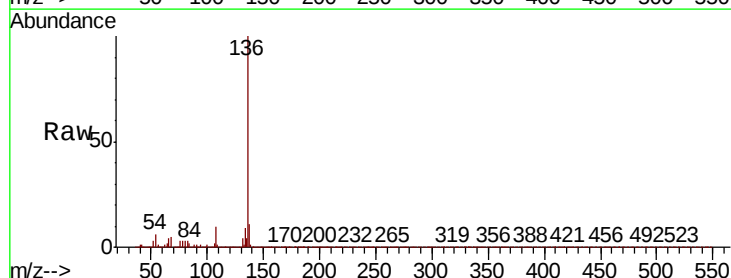
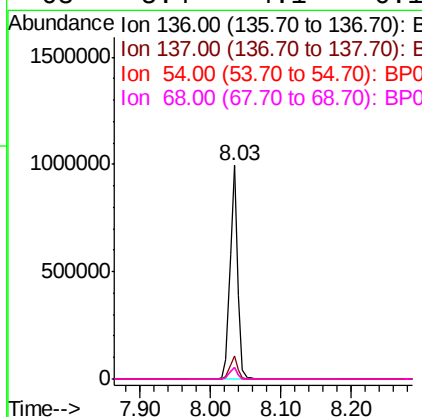
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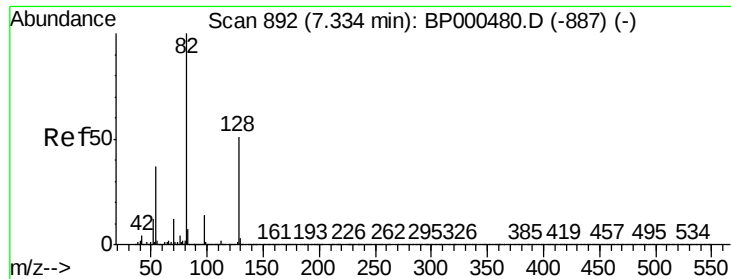
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#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.03 min Scan# 1011
Delta R.T. -0.02 min
Lab File: BP000711.D
Acq: 14 Oct 2019 15:29

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136	100				
137	11.0	8.2	12.4		
54	5.5	4.1	6.1		
68	5.4	4.1	6.1		





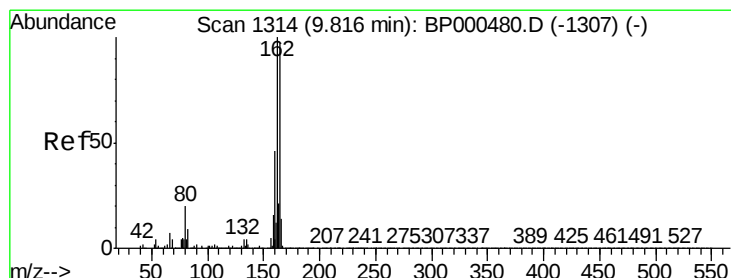
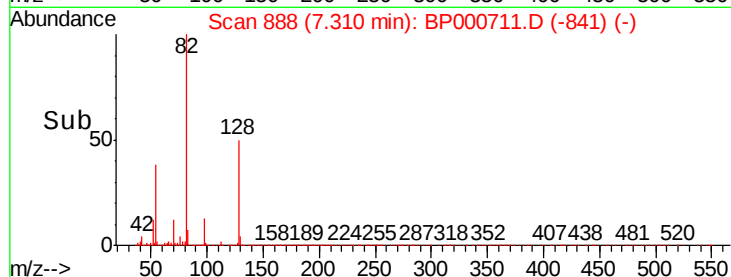
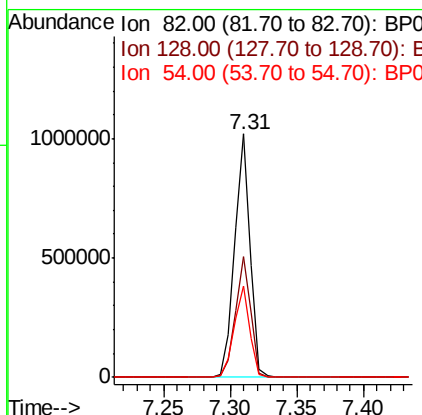
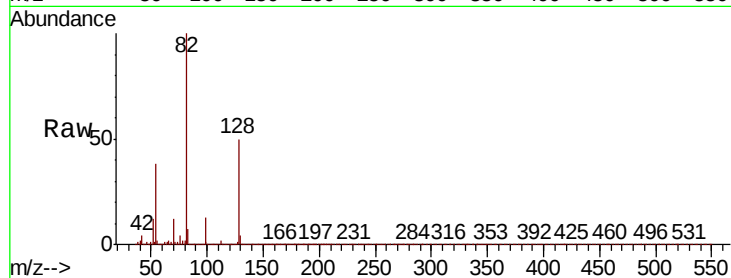
#23
Nitrobenzene-d5
Concen: 67.608 ng
RT: 7.31 min Scan# 888
Delta R.T. -0.02 min
Lab File: BP000711.D
Acq: 14 Oct 2019 15:29

Instrument :
BNA_P
ClientSampleId :
20190831-COMPOSITE-GRE

Tot Ion	Ratio	Lower	Upper
82	100		
128	49.8	40.9	61.3
54	37.7	29.4	44.2

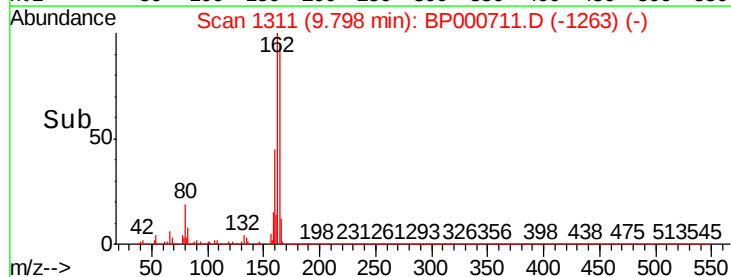
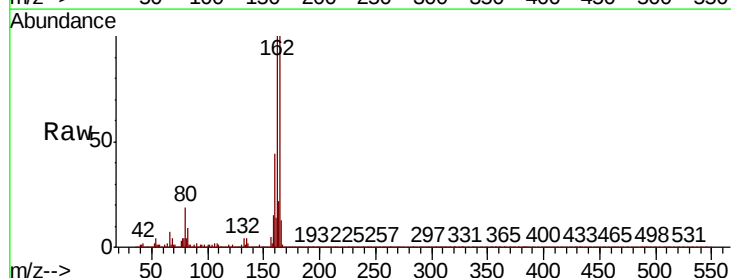
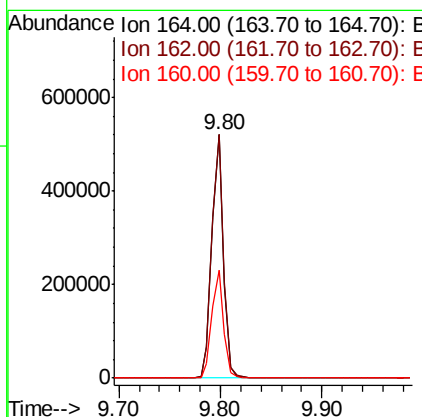
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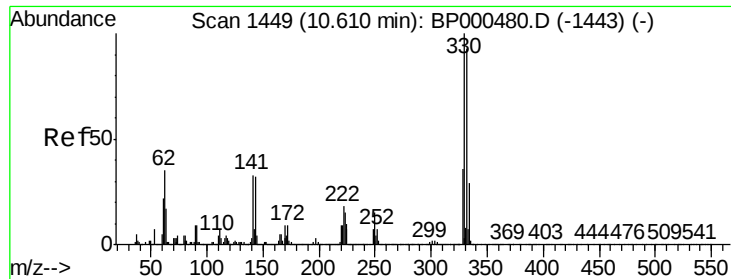
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.80 min Scan# 1311
Delta R.T. -0.02 min
Lab File: BP000711.D
Acq: 14 Oct 2019 15:29

Tgt Ion	Ratio	Lower	Upper
164	100		
162	99.8	82.2	123.2
160	44.4	37.6	56.4





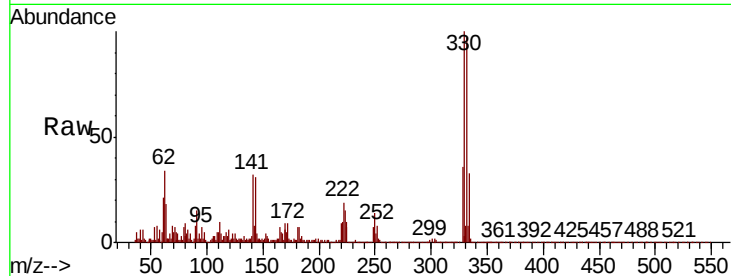
#42
2,4,6-Tribromophenol
Concen: 10.133 ng
RT: 10.59 min Scan# 1446
Delta R.T. -0.02 min
Lab File: BP000711.D
Acq: 14 Oct 2019 15:29

Instrument :
BNA_P
ClientSampleId :
20190831-COMPOSITE-GRE

Tot Ion	Ratio	Resp	Lower	Upper
330	100	44525		
332	97.1	77.1	115.7	
141	31.9	26.0	39.0	

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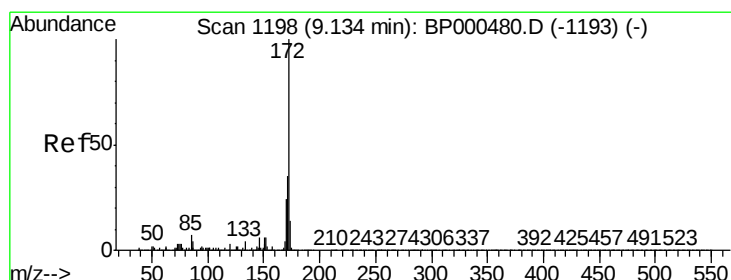
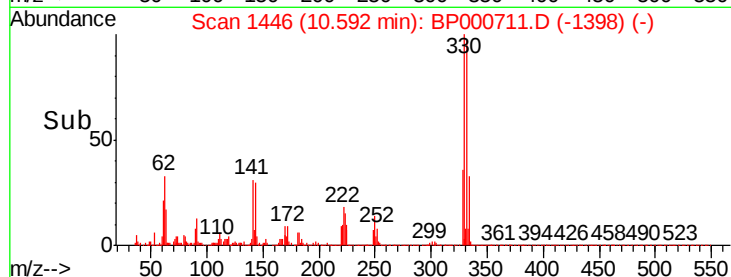
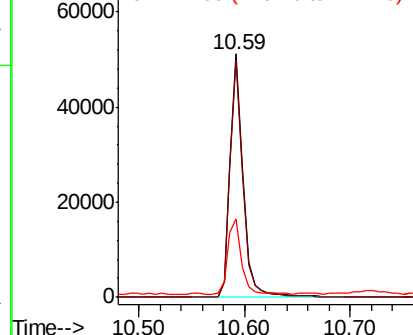


Abundance

Ion 329.80 (329.50 to 330.50): E

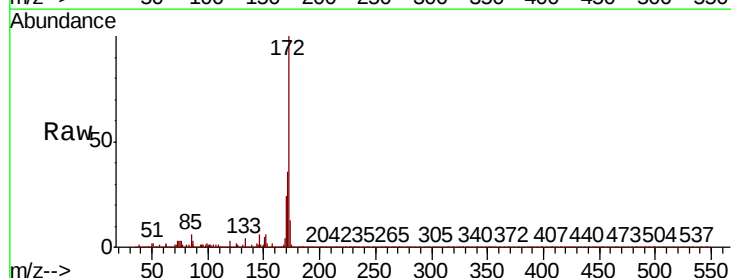
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
2-Fluorobiphenyl
Concen: 57.401 ng
RT: 9.12 min Scan# 1195
Delta R.T. -0.02 min
Lab File: BP000711.D
Acq: 14 Oct 2019 15:29

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1462833		
171	35.6	28.4	42.6	
170	23.8	19.1	28.7	

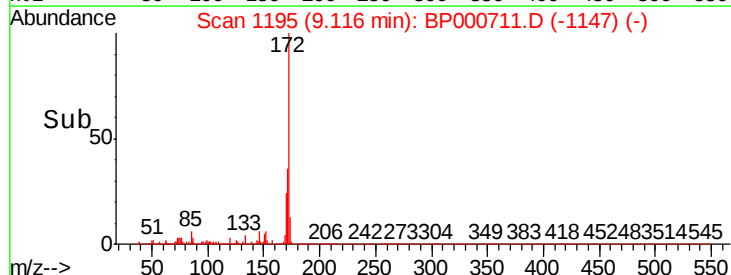
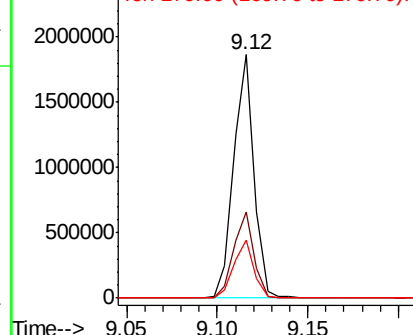


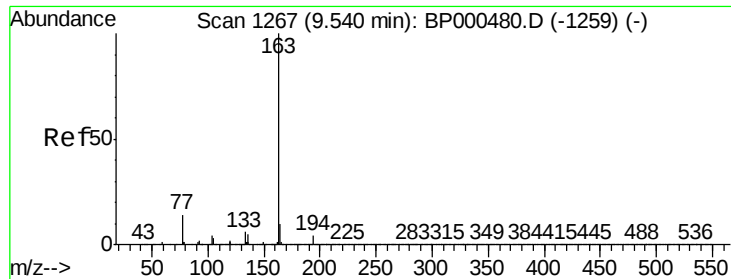
Abundance

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





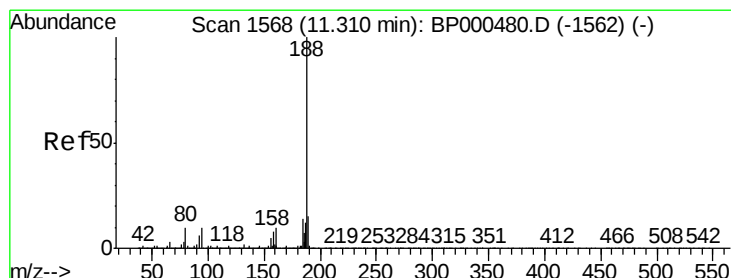
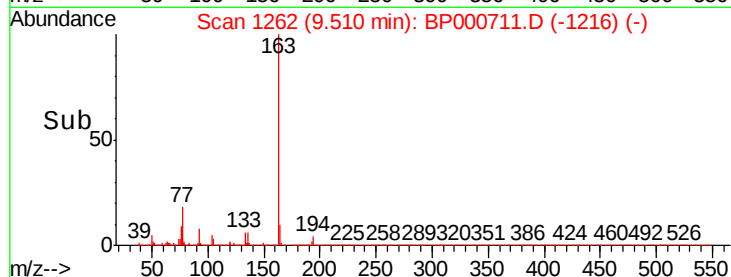
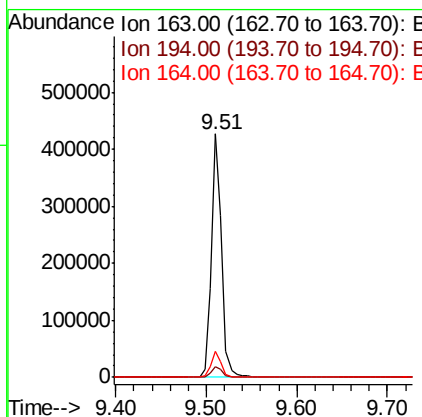
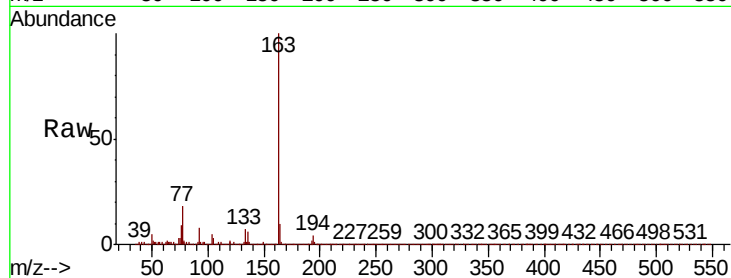
#50
Dimethylphthalate
Concen: 11.728 ng
RT: 9.51 min Scan# 1262
Delta R.T. -0.03 min
Lab File: BP000711.D
Acq: 14 Oct 2019 15:29

Instrument :
BNA_P
ClientSampleId :
20190831-COMPOSITE-GRE

Tot Ion	Ratio	Resp	Lower	Upper
163	100	336023		
194	4.4		3.4	5.2
164	10.5		8.0	12.0

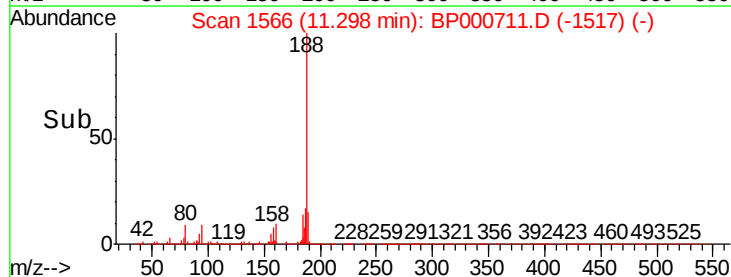
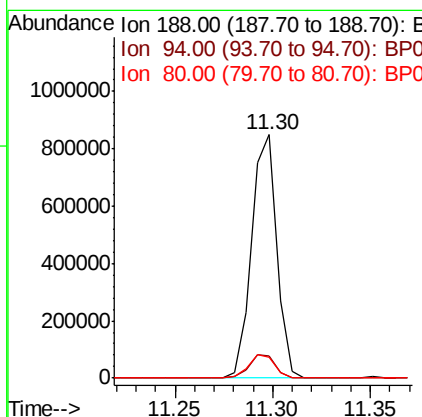
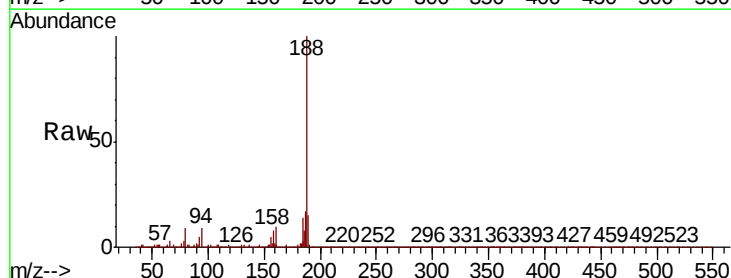
Manual Integrations
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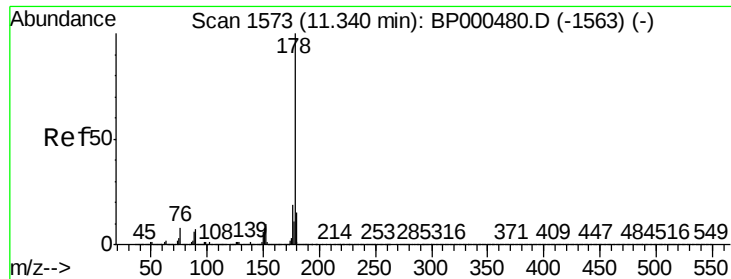
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.30 min Scan# 1566
Delta R.T. -0.01 min
Lab File: BP000711.D
Acq: 14 Oct 2019 15:29

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	756796		
94	9.0		8.2	12.2
80	8.8		8.3	12.5





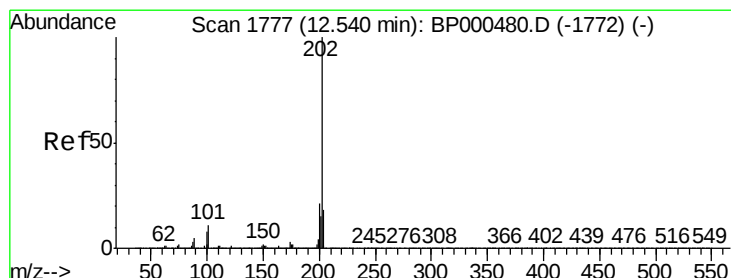
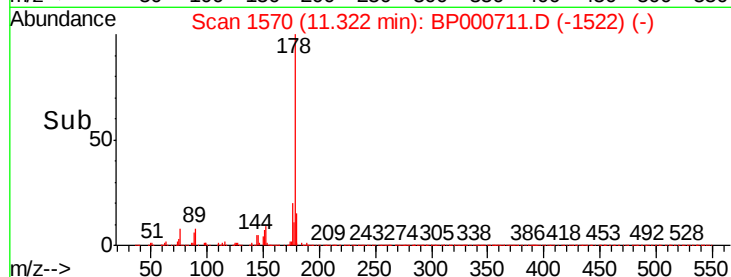
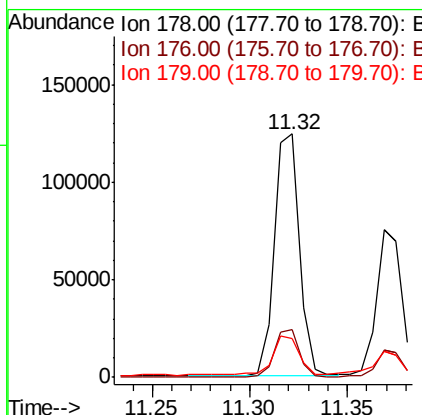
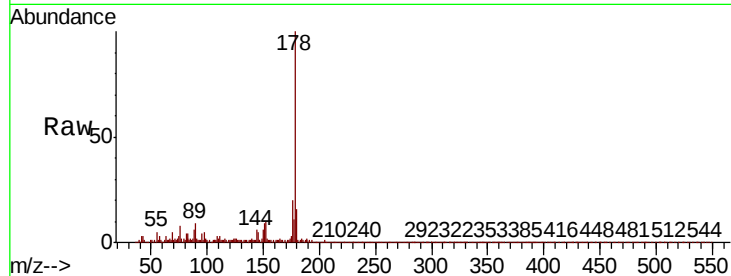
#71
Phenanthrene
Concen: 2.900 ng
RT: 11.32 min Scan# 1570
Delta R.T. -0.02 min
Lab File: BP000711.D
Acq: 14 Oct 2019 15:29

Instrument :
BNA_P
ClientSampleId :
20190831-COMPOSITE-GRE

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.8	15.4	23.2
179	16.2	12.2	18.4

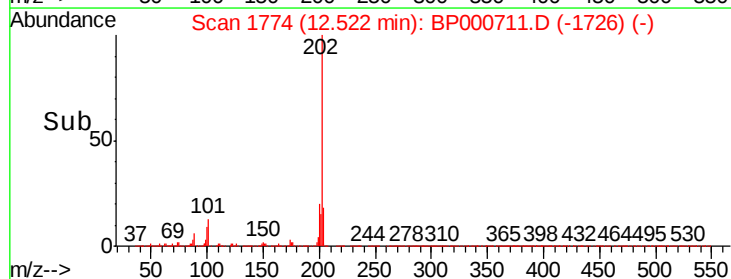
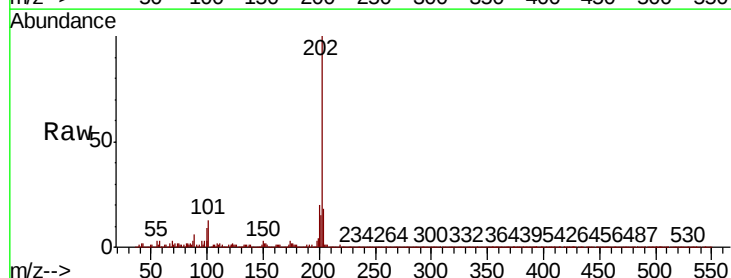
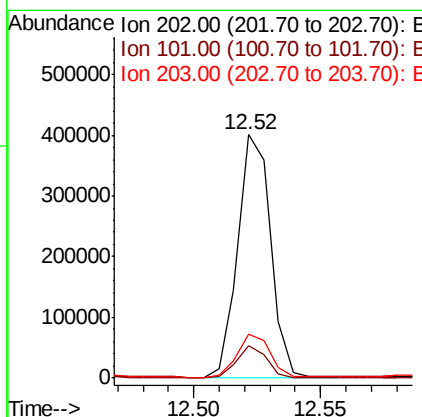
Manual Integrations
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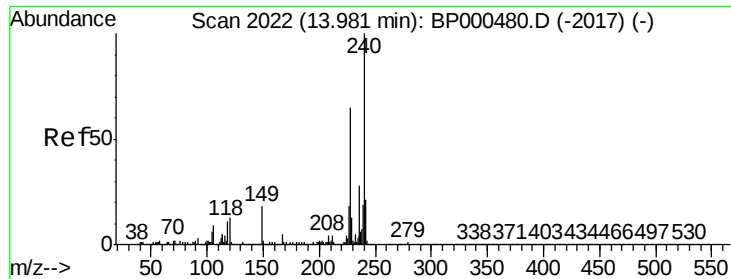
mohammad
10/16/2019 8:11:28 AM



#75
Fluoranthene
Concen: 8.427 ng
RT: 12.52 min Scan# 1774
Delta R.T. -0.02 min
Lab File: BP000711.D
Acq: 14 Oct 2019 15:29

Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.1	0.0	31.3
203	17.9	0.0	38.1





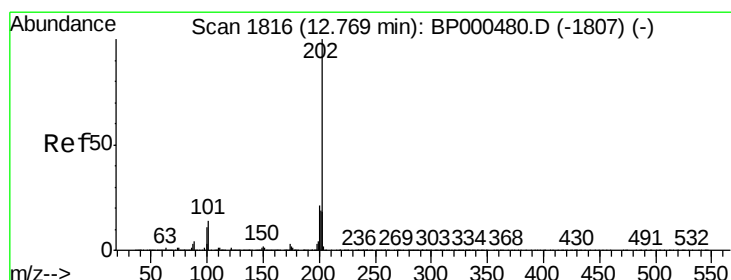
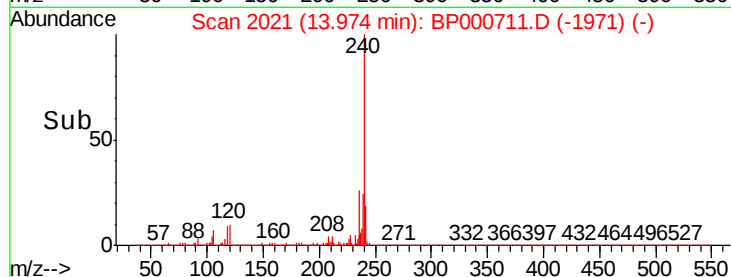
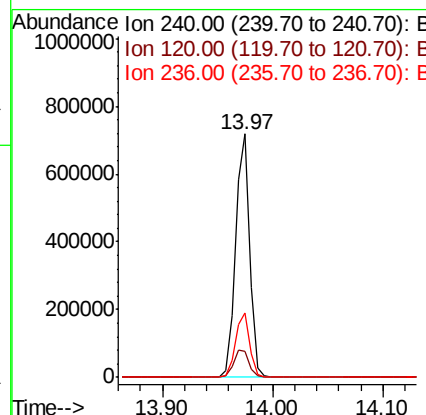
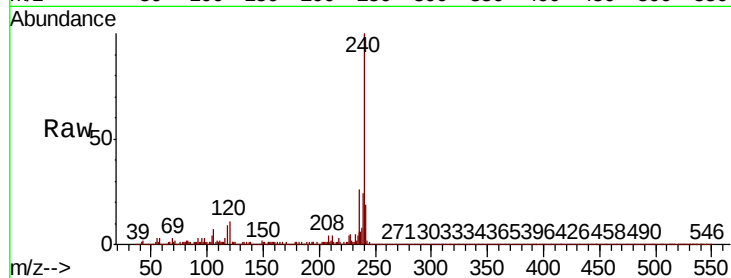
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2021
Delta R.T. -0.01 min
Lab File: BP000711.D
Acq: 14 Oct 2019 15:29

Instrument :
BNA_P
ClientSampleId :
20190831-COMPOSITE-GRE

Tot Ion	Ratio	Lower	Upper
240	100		
120	10.7	10.1	15.1
236	26.5	22.7	34.1

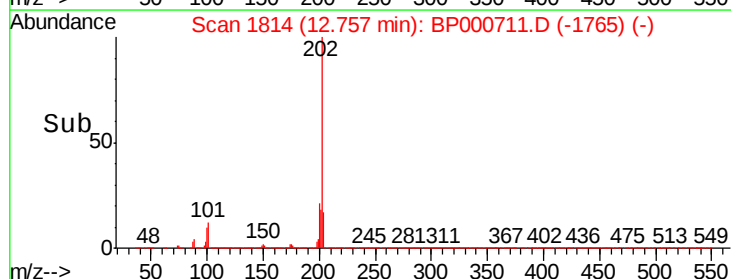
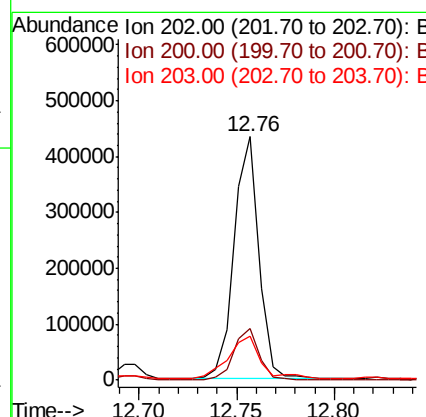
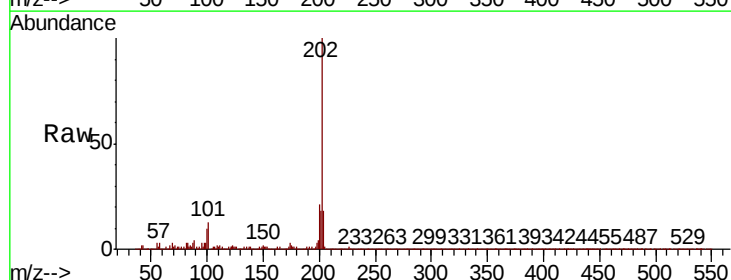
Manual Integrations
APPROVED

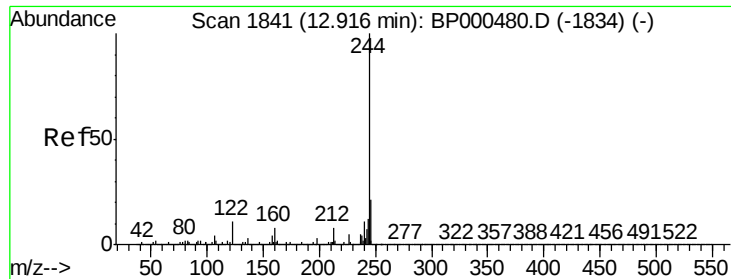
mohammad
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#78
Pyrene
Concen: 8.698 ng
RT: 12.76 min Scan# 1814
Delta R.T. -0.01 min
Lab File: BP000711.D
Acq: 14 Oct 2019 15:29

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.3	17.1	25.7
203	18.0	14.6	21.8





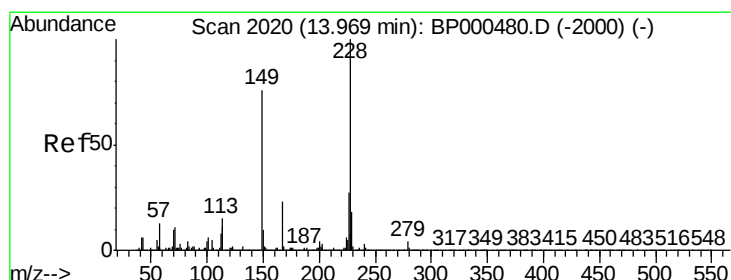
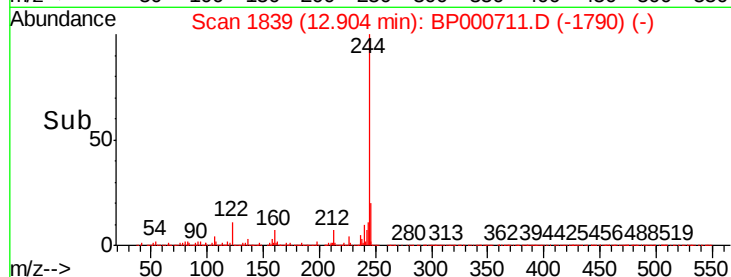
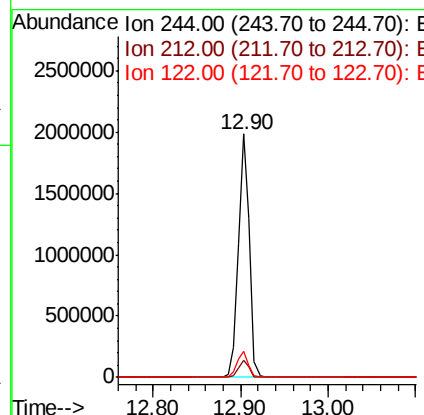
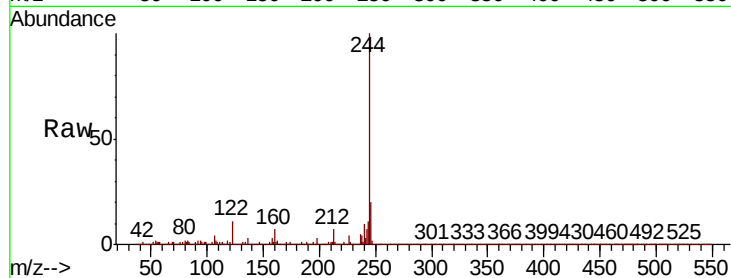
#79
 Terphenyl-d14
 Concen: 53.695 ng
 RT: 12.90 min Scan# 1839
 Delta R.T. -0.01 min
 Lab File: BP000711.D
 Acq: 14 Oct 2019 15:29

Instrument :
 BNA_P
 ClientSampleId :
 20190831-COMPOSITE-GRE

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.1	6.0	9.0
122	10.9	8.9	13.3

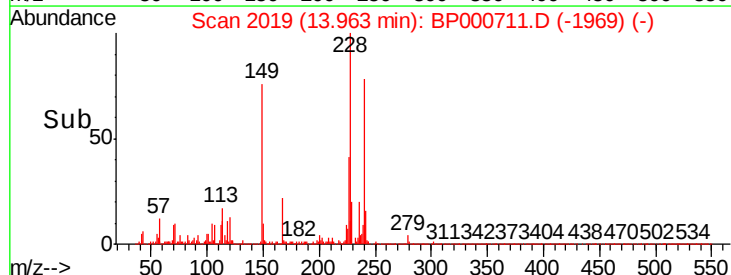
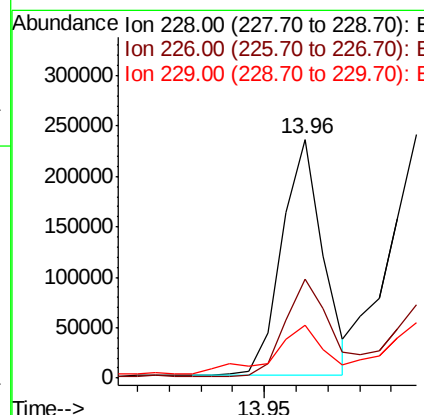
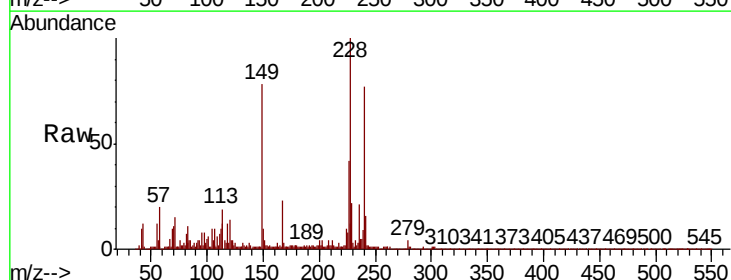
Manual Integrations
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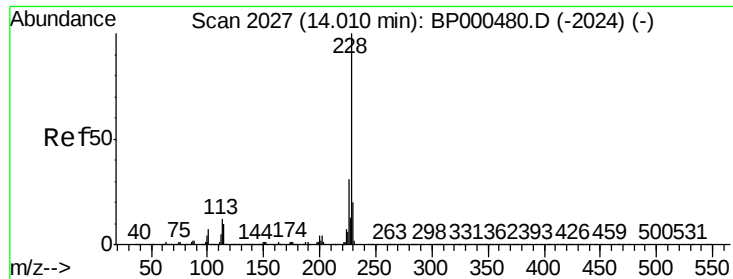
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#81
 Benzo(a)anthracene
 Concen: 5.444 ng
 RT: 13.96 min Scan# 2019
 Delta R.T. -0.01 min
 Lab File: BP000711.D
 Acq: 14 Oct 2019 15:29

Tgt Ion	Ratio	Lower	Upper
228	100		
226	41.5	21.4	32.2#
229	21.9	14.7	22.1





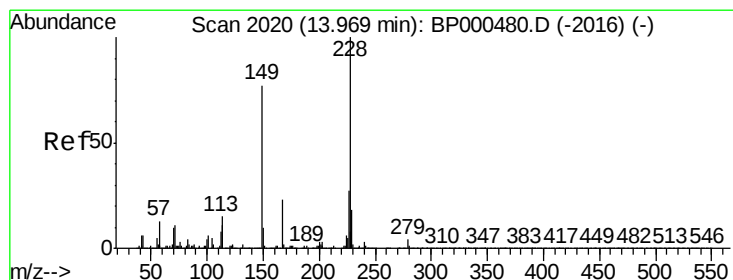
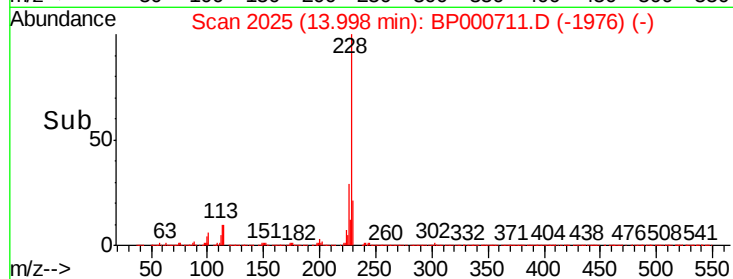
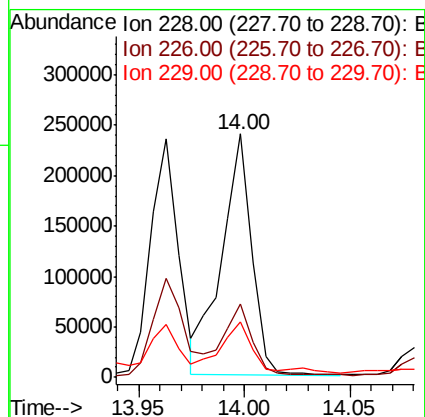
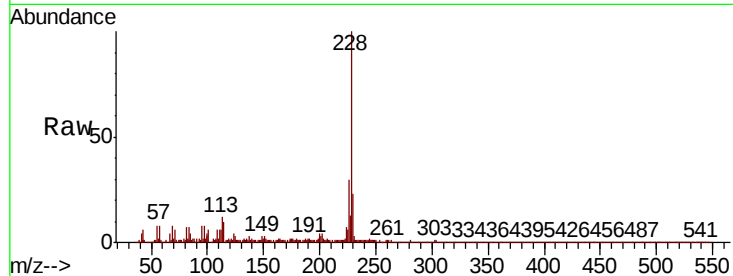
#83
Chrysene
Concen: 6.143 ng
RT: 14.00 min Scan# 2025
Delta R.T. -0.01 min
Lab File: BP000711.D
Acq: 14 Oct 2019 15:29

Instrument :
BNA_P
ClientSampleId :
20190831-COMPOSITE-GRE

Tot Ion	Ratio	Resp	Lower	Upper
228	100	235166		
226	30.1	24.7	37.1	
229	23.0	16.3	24.5	

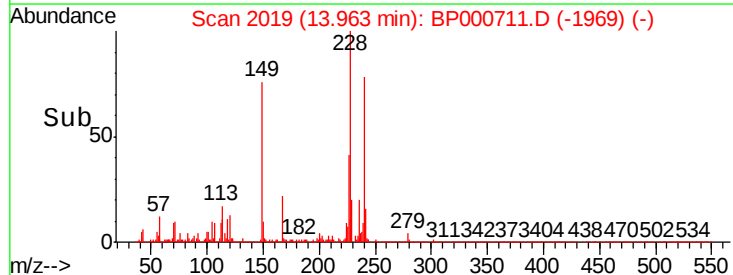
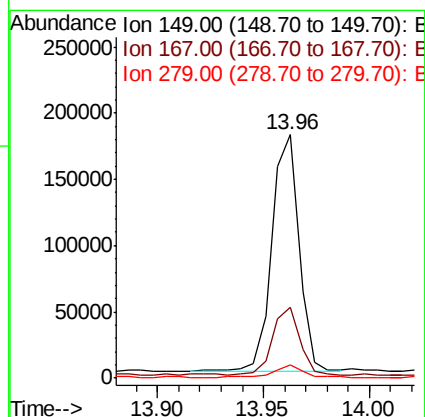
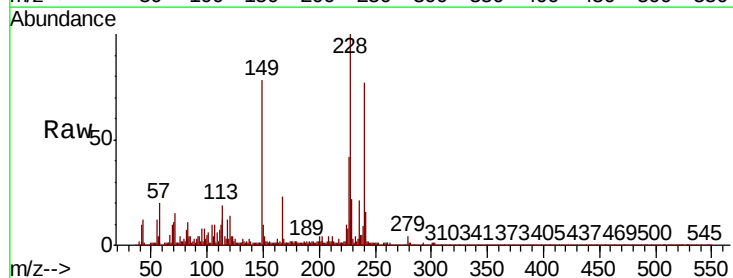
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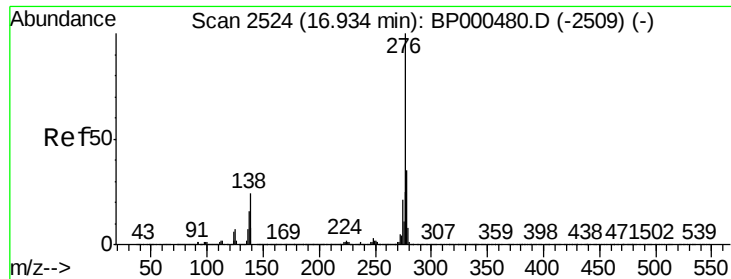
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#84
Bis(2-ethylhexyl)phthalate
Concen: 6.617 ng
RT: 13.96 min Scan# 2019
Delta R.T. -0.01 min
Lab File: BP000711.D
Acq: 14 Oct 2019 15:29

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	159890		
167	29.1	23.6	35.4	
279	5.3	3.9	5.9	





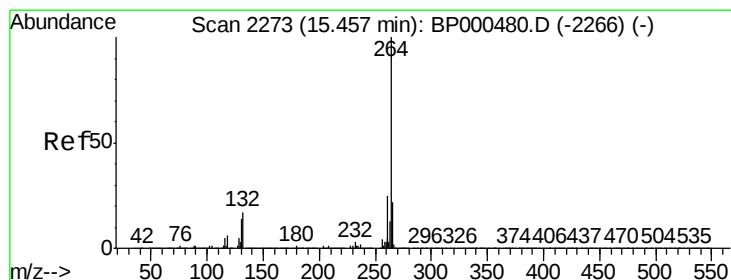
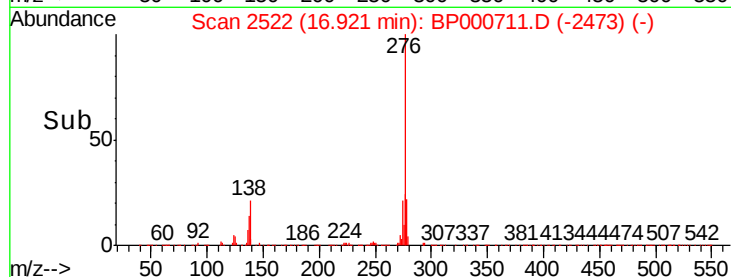
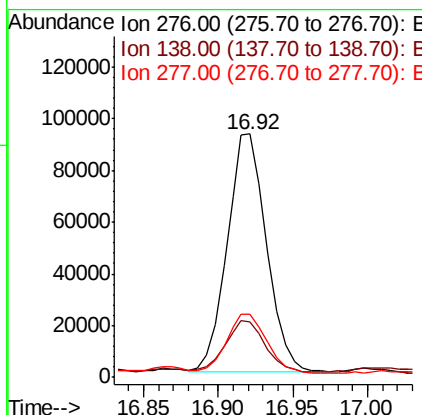
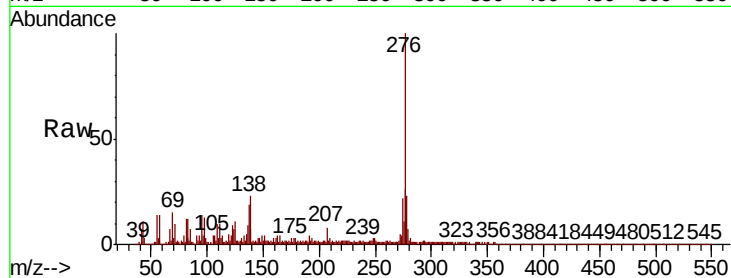
#86
Indeno(1,2,3-cd)pyrene
Concen: 3.517 ng
RT: 16.92 min Scan# 2522
Delta R.T. -0.01 min
Lab File: BP000711.D
Acq: 14 Oct 2019 15:29

Instrument :
BNA_P
ClientSampleId :
20190831-COMPOSITE-GRE

Tot Ion	Ratio	Lower	Upper
276	100		
138	22.0	20.9	31.3
277	25.3	20.6	30.8

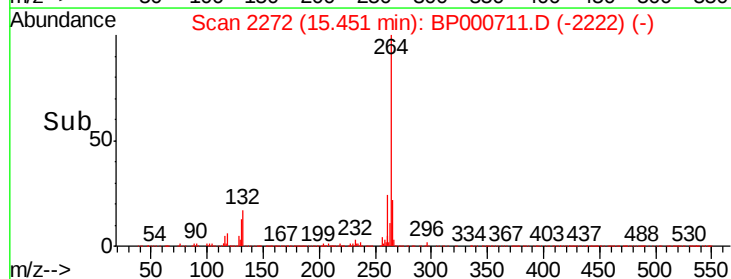
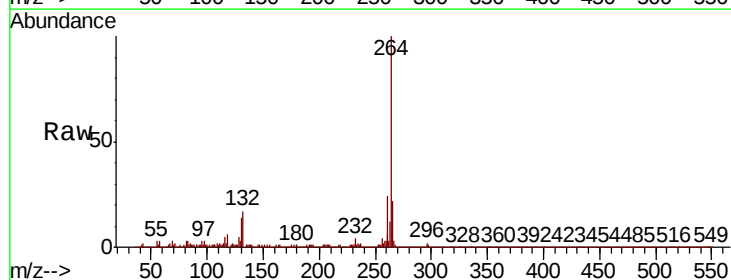
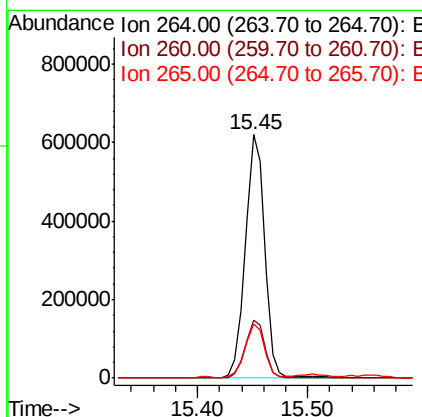
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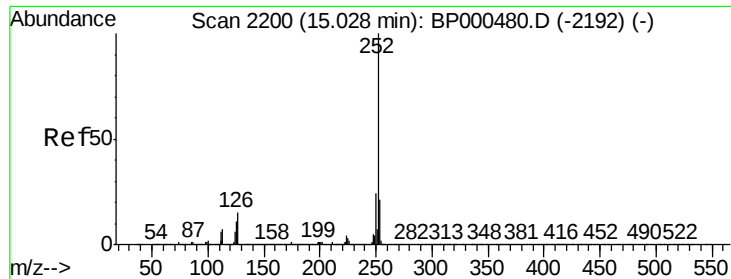
mohammad
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#87
Perylene-d12
Concen: 20.000 ng
RT: 15.45 min Scan# 2272
Delta R.T. -0.01 min
Lab File: BP000711.D
Acq: 14 Oct 2019 15:29

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.1	20.3	30.5
265	22.3	18.0	27.0





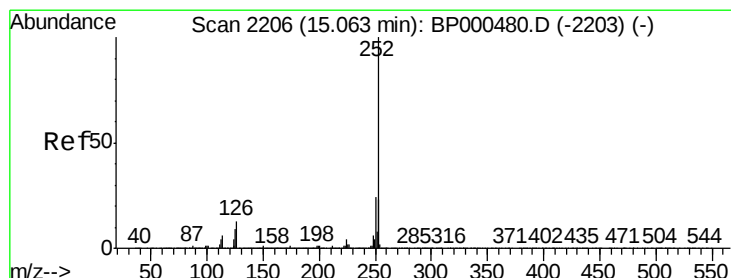
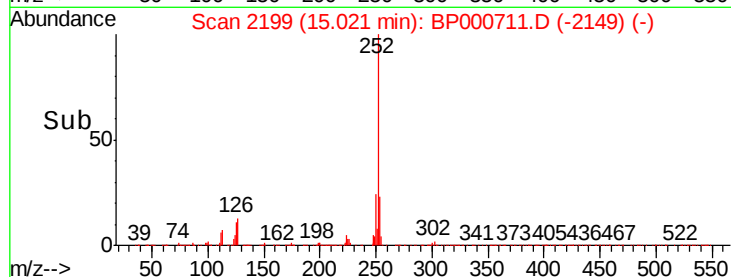
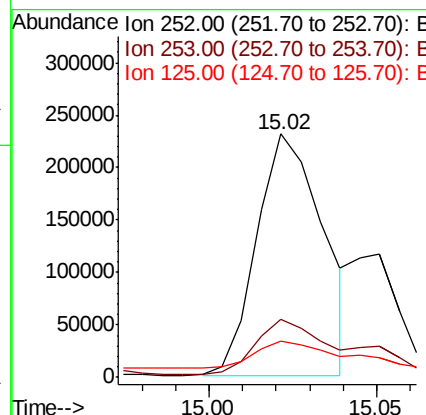
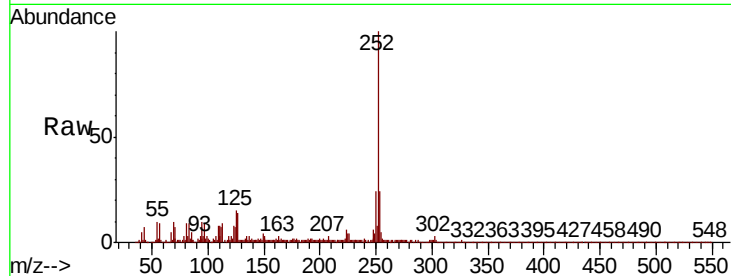
#88
Benzo(b)fluoranthene
Concen: 7.339 ng m
RT: 15.02 min Scan# 2199
Delta R.T. -0.01 min
Lab File: BP000711.D
Acq: 14 Oct 2019 15:29

Instrument :
BNA_P
ClientSampleId :
20190831-COMPOSITE-GRE

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.9	17.0	25.4
125	14.8	8.9	13.3#

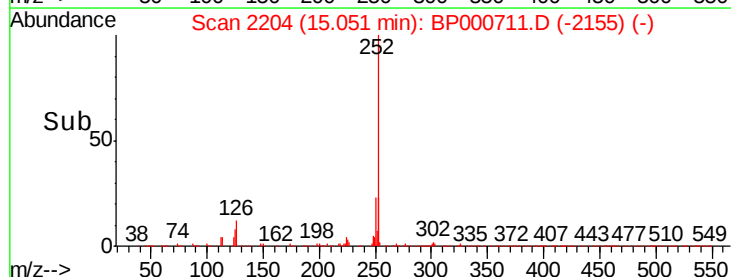
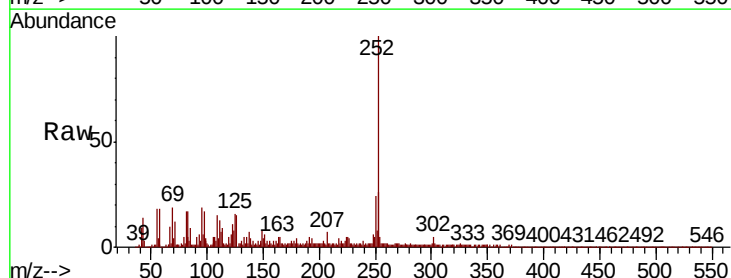
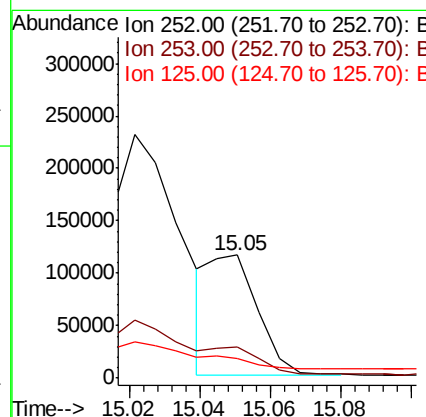
Manual Integrations
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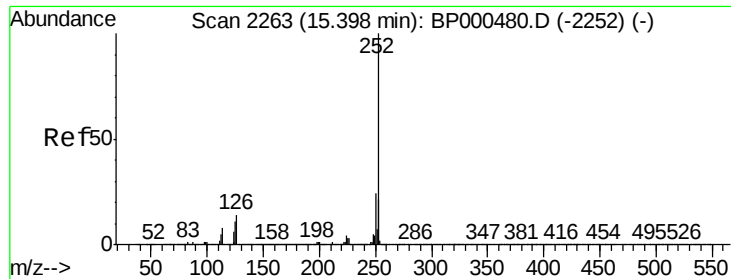
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#89
Benzo(k)fluoranthene
Concen: 2.610 ng m
RT: 15.05 min Scan# 2204
Delta R.T. -0.01 min
Lab File: BP000711.D
Acq: 14 Oct 2019 15:29

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.6	18.4	27.6
125	15.9	7.8	11.8#





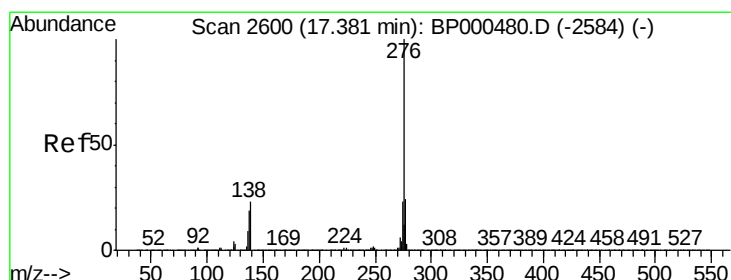
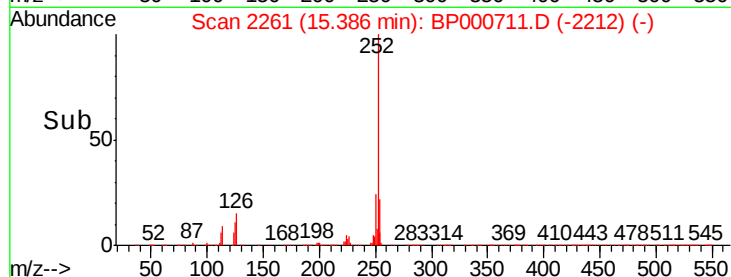
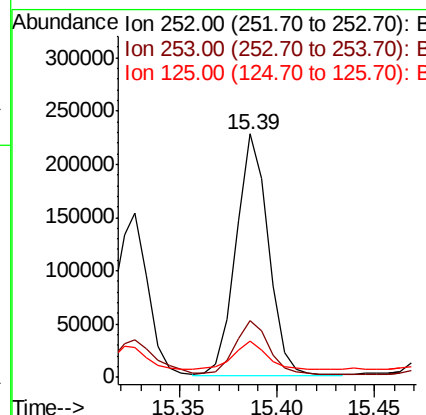
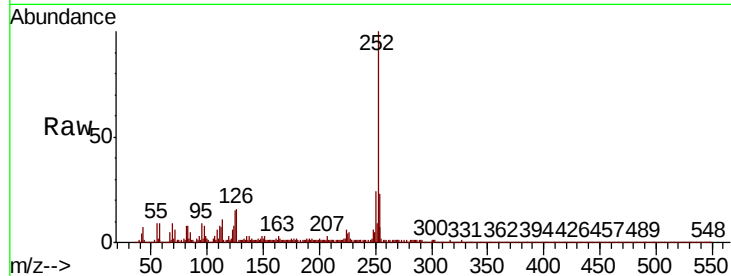
#90
Benzo(a)pyrene
Concen: 6.451 ng
RT: 15.39 min Scan# 2261
Delta R.T. -0.01 min
Lab File: BP000711.D
Acq: 14 Oct 2019 15:29

Instrument :
BNA_P
ClientSampleId :
20190831-COMPOSITE-GRE

Tot Ion	Ratio	Resp Lower	Upper
252	100		
253	23.2	17.0	25.6
125	14.7	8.4	12.6

Manual Integrations
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#92
Benzo(g,h,i)perylene
Concen: 4.354 ng
RT: 17.36 min Scan# 2597
Delta R.T. -0.02 min
Lab File: BP000711.D
Acq: 14 Oct 2019 15:29

Tgt Ion	Ratio	Resp Lower	Upper
276	100		
277	24.5	19.4	29.2
138	23.4	18.5	27.7

