

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP101419\
 Data File : BP000706.D
 Acq On : 14 Oct 2019 13:28
 Operator : JU
 Sample : K5348-02RE
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 20190826-COMPOSITE-BRE

Manual Integrations
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mohammad
 10/16/2019 8:11:07 AM

Quant Time: Oct 15 04:01:21 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	204398	20.00	ng	-0.02
21) Naphthalene-d8	8.03	136	748392	20.00	ng	-0.02
39) Acenaphthene-d10	9.80	164	410161	20.00	ng	-0.02
64) Phenanthrene-d10	11.29	188	747793	20.00	ng	-0.02
76) Chrysene-d12	13.97	240	659699	20.00	ng	-0.01
87) Perylene-d12	15.45	264	757725	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	252974	19.89	ng	-0.02
7) Phenol-d6	6.39	99	1102850	71.97	ng	-0.02
23) Nitrobenzene-d5	7.31	82	693893	56.63	ng	-0.02
42) 2,4,6-Tribromophenol	10.59	330	16233	3.71	ng	-0.02
45) 2-Fluorobiphenyl	9.12	172	1215528	47.95	ng	-0.02
79) Terphenyl-d14	12.90	244	1443223	44.29	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.30	77	34000	4.260	ng	Qvalue 95
10) Phenol	6.40	94	61836	3.941	ng	91
50) Dimethylphthalate	9.51	163	292309	10.256	ng	100
71) Phenanthrene	11.32	178	89735	2.389	ng	97
75) Fluoranthene	12.52	202	295552	7.007	ng	99
78) Pyrene	12.75	202	316201	6.950	ng	99
81) Benzo(a)anthracene	13.96	228	184441	4.582	ng	# 78
83) Chrysene	14.00	228	181912	4.605	ng	98
84) Bis(2-ethylhexyl)phthalate	13.96	149	123639	4.958	ng	96
86) Indeno(1,2,3-cd)pyrene	16.92	276	116784	2.366	ng	95
88) Benzo(b)fluoranthene	15.02	252	246284m	5.729	ng	
90) Benzo(a)pyrene	15.39	252	194989	4.866	ng	# 95
92) Benzo(a,h,i)perylene	17.36	276	125183	3.170	ng	100

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

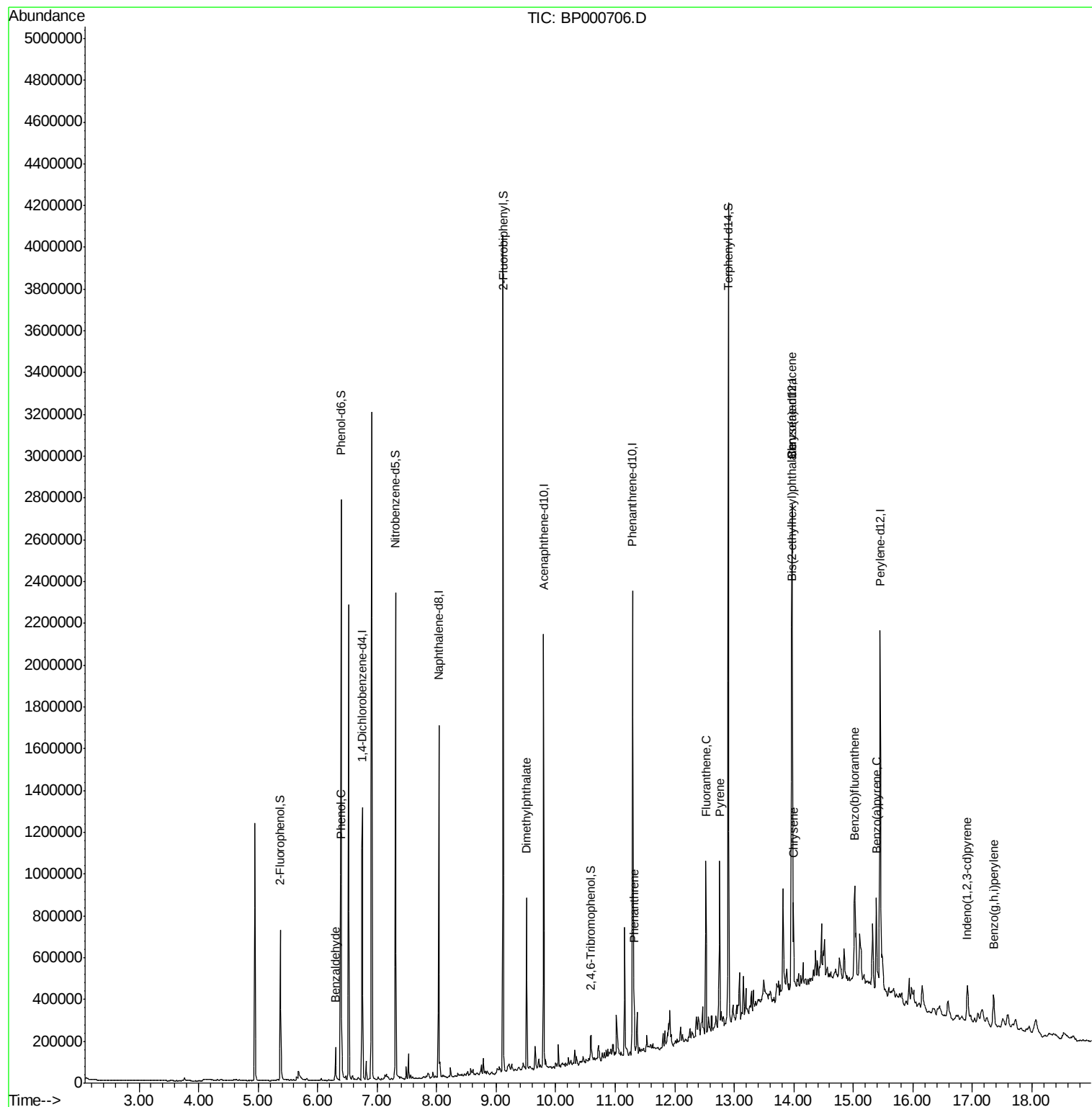
Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP101419\
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ALS Vial : 5 Sample Multiplier: 1

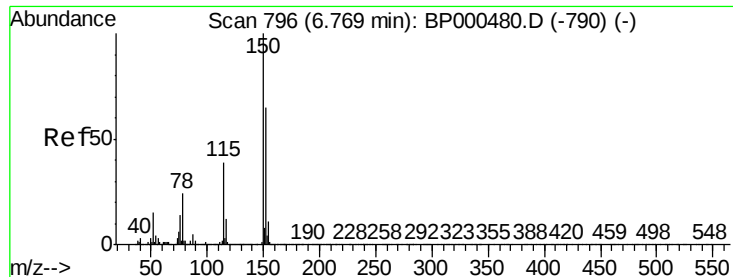
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#1

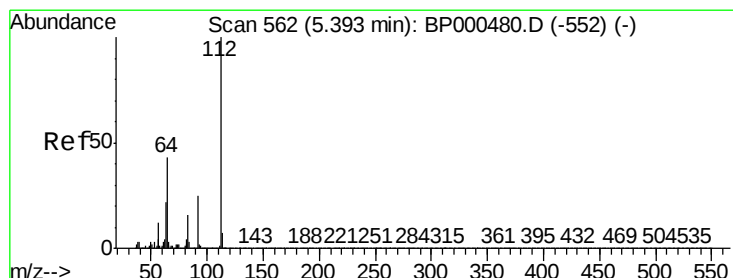
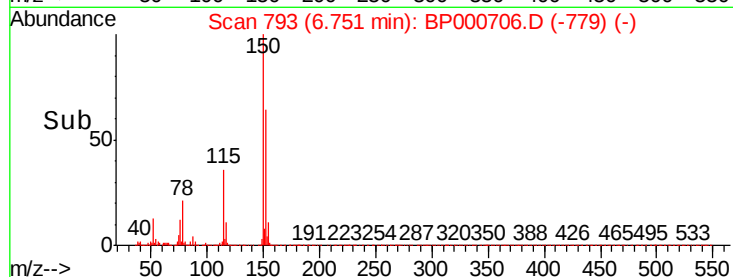
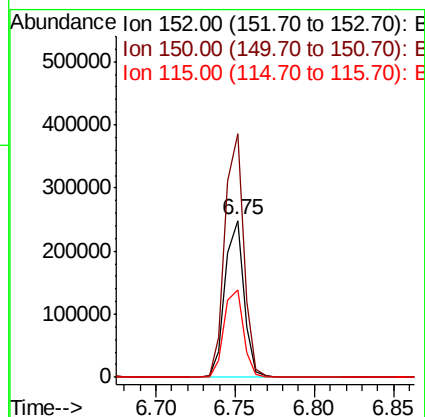
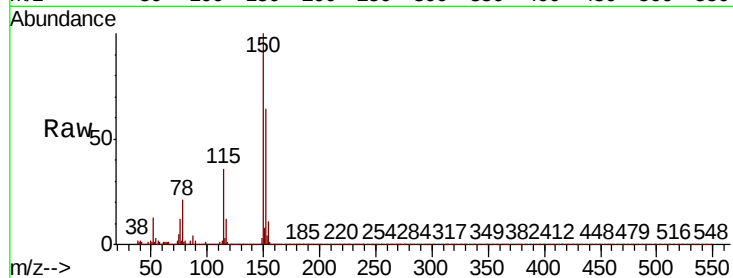
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.75 min Scan# 793
Delta R.T. -0.02 min
Lab File: BP000706.D
Acq: 14 Oct 2019 13:28

Instrument :
BNA_P
ClientSampleId :
20190826-COMPOSITE-BRE

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.4	124.1	186.1
115	55.9	48.7	73.1

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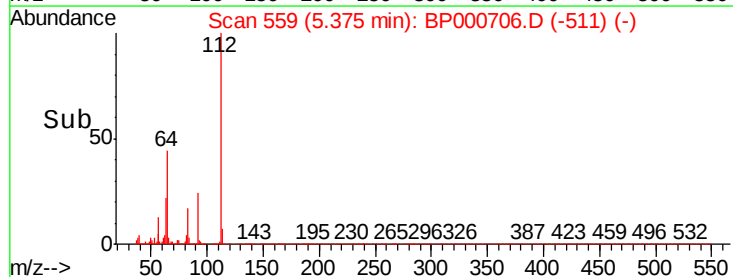
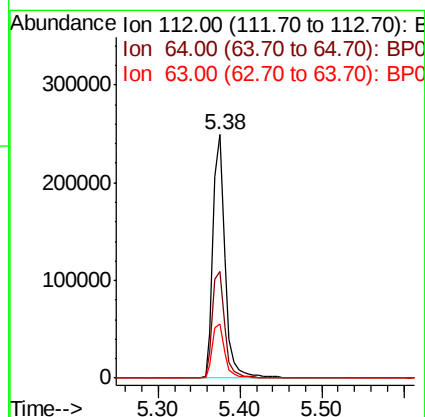
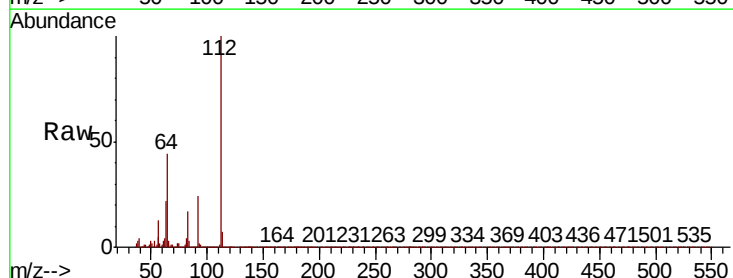
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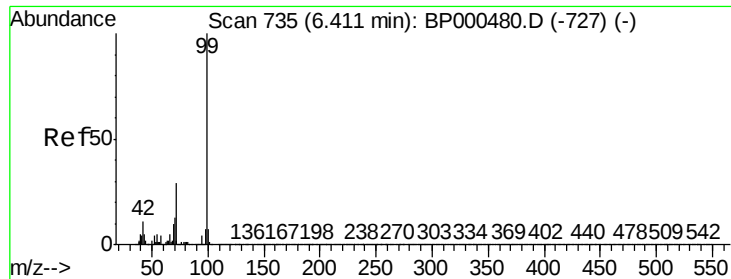


#5

2-Fluorophenol
Concen: 19.895 ng
RT: 5.38 min Scan# 559
Delta R.T. -0.02 min
Lab File: BP000706.D
Acq: 14 Oct 2019 13:28

Tgt Ion	Ratio	Lower	Upper
112	100		
64	44.0	34.2	51.4
63	22.0	17.9	26.9





#7

Phenol-d6

Concen: 71.974 ng

RT: 6.39 min Scan# 732

Delta R.T. -0.02 min

Lab File: BP000706.D

Acq: 14 Oct 2019 13:28

Instrument :

BNA_P

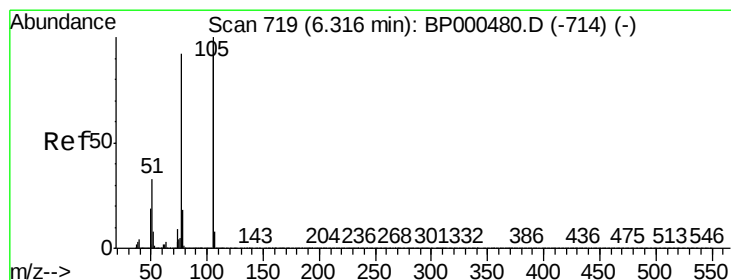
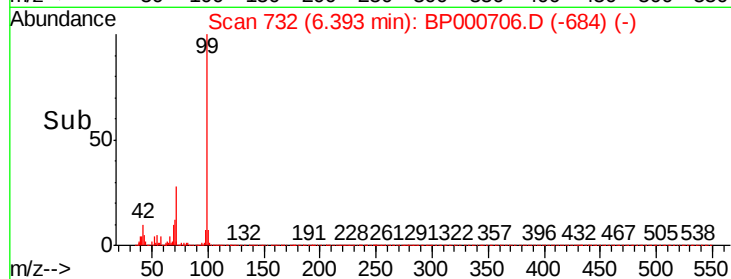
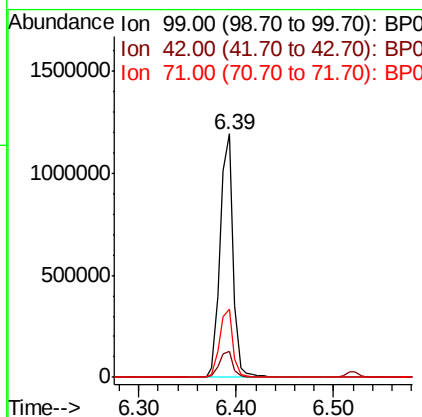
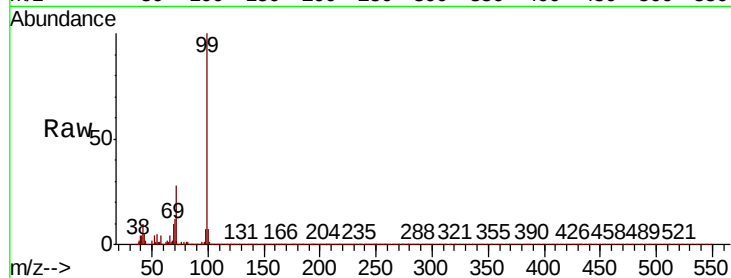
ClientSampleId :

20190826-COMPOSITE-BRE

Tot Ion:	99	Resp:	1102850
Ion	Ratio	Lower	Upper
99	100		
42	10.5	8.6	12.8
71	28.2	23.0	34.4

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#9

Benzaldehyde

Concen: 4.260 ng

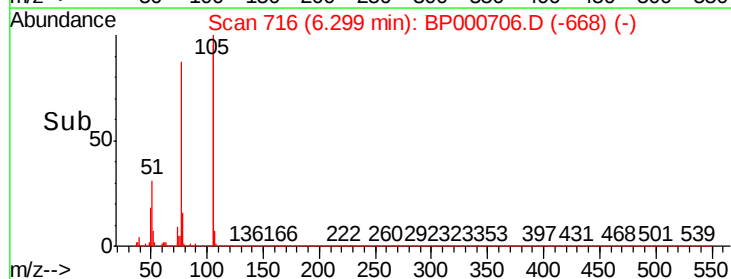
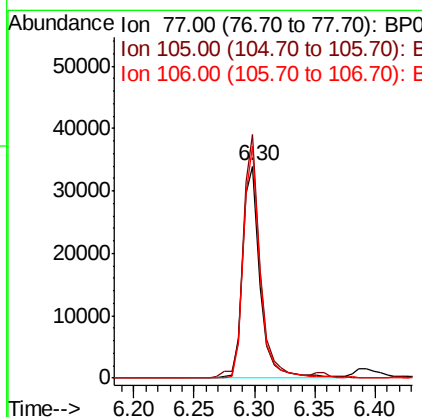
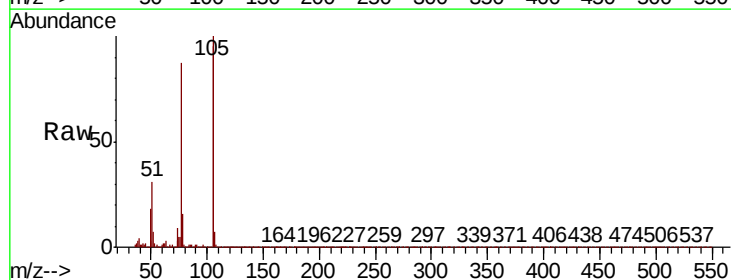
RT: 6.30 min Scan# 716

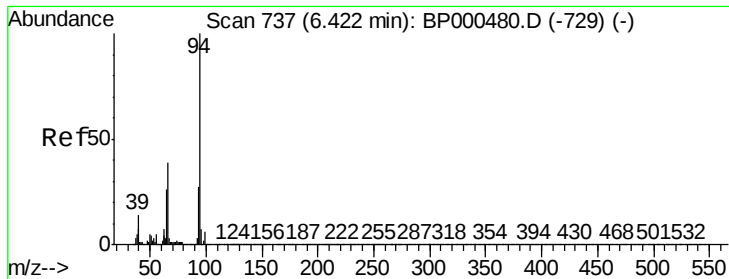
Delta R.T. -0.02 min

Lab File: BP000706.D

Acq: 14 Oct 2019 13:28

Tgt Ion:	77	Resp:	34000
Ion	Ratio	Lower	Upper
77	100		
105	115.0	88.3	128.3
106	109.5	85.7	125.7





#10

Phenol

Concen: 3.941 ng

RT: 6.40 min Scan# 734

Delta R.T. -0.02 min

Lab File: BP000706.D

Acq: 14 Oct 2019 13:28

Instrument :

BNA_P

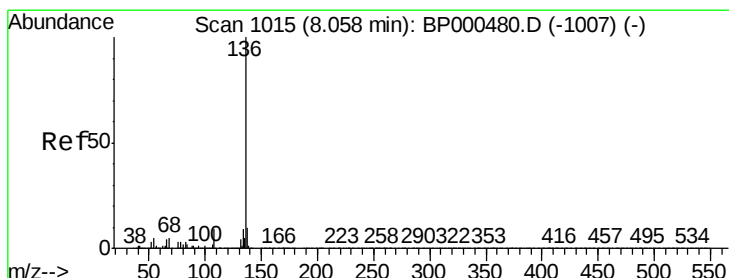
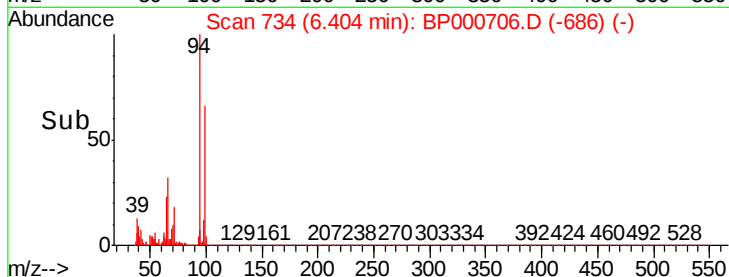
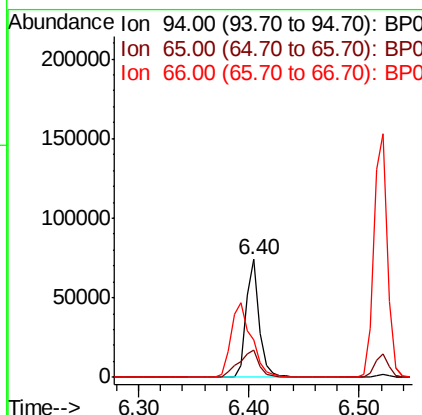
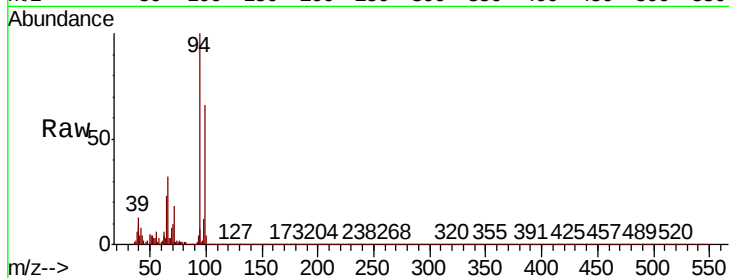
ClientSampleId :

20190826-COMPOSITE-BRE

Tot Ion:	94	Resp:	61836
Ion Ratio	Lower	Upper	
94	100		
65	23.0	5.9	45.9
66	31.7	18.8	58.8

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#21

Naphthalene-d8

Concen: 20.000 ng

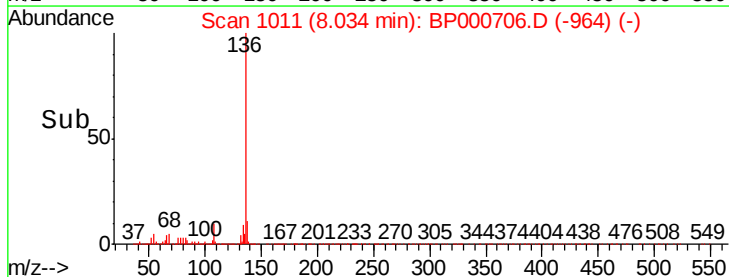
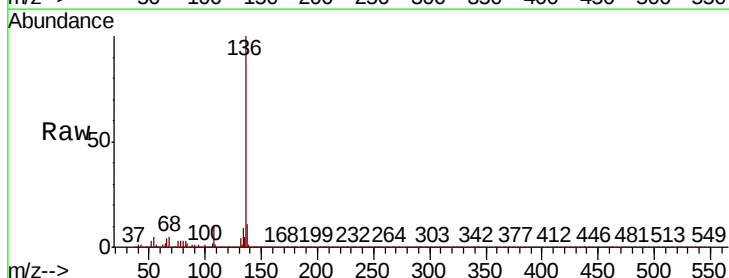
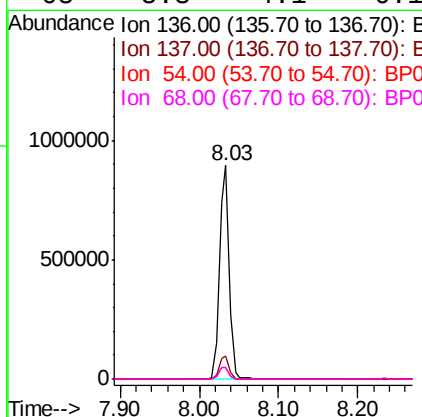
RT: 8.03 min Scan# 1011

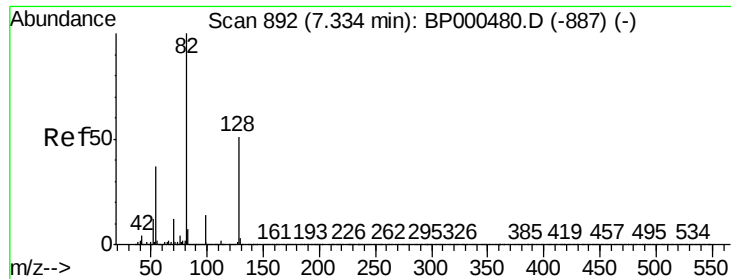
Delta R.T. -0.02 min

Lab File: BP000706.D

Acq: 14 Oct 2019 13:28

Tgt Ion:	136	Resp:	748392
Ion Ratio	Lower	Upper	
136	100		
137	11.0	8.2	12.4
54	5.2	4.1	6.1
68	5.3	4.1	6.1





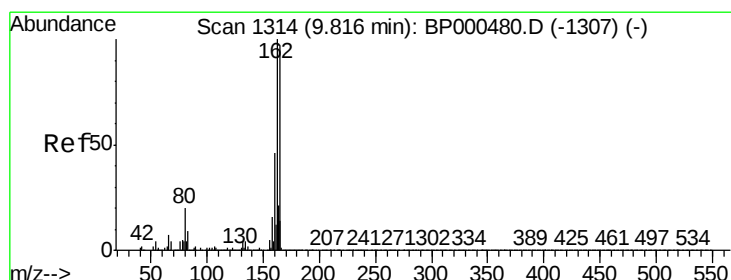
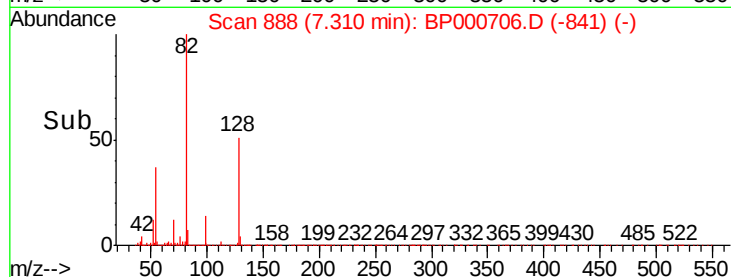
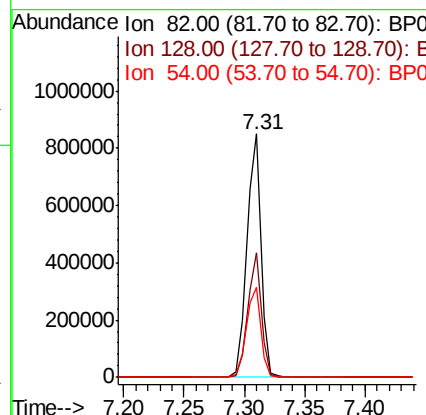
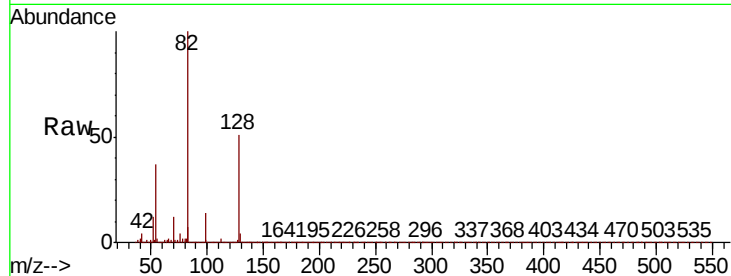
#23
 Nitrobenzene-d5
 Concen: 56.628 ng
 RT: 7.31 min Scan# 888
 Delta R.T. -0.02 min
 Lab File: BP000706.D
 Acq: 14 Oct 2019 13:28

Instrument :
 BNA_P
 ClientSampleId :
 20190826-COMPOSITE-BRE

Tot Ion	Ratio	Lower	Upper
82	100		
128	51.3	40.9	61.3
54	37.0	29.4	44.2

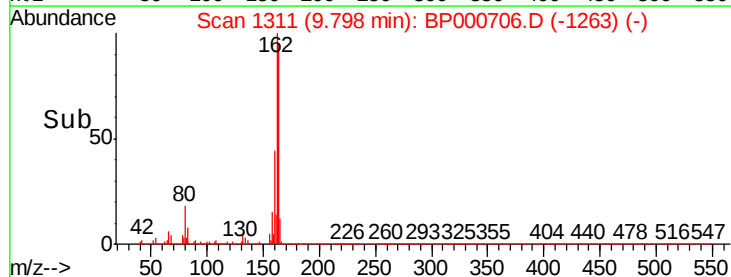
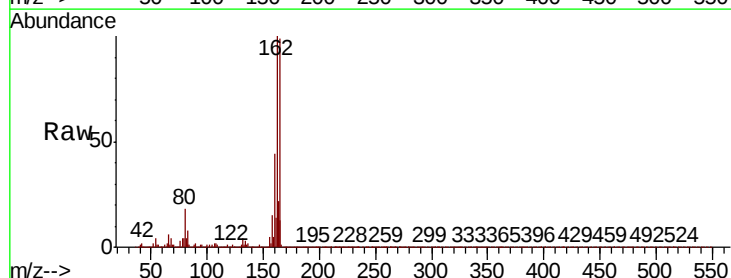
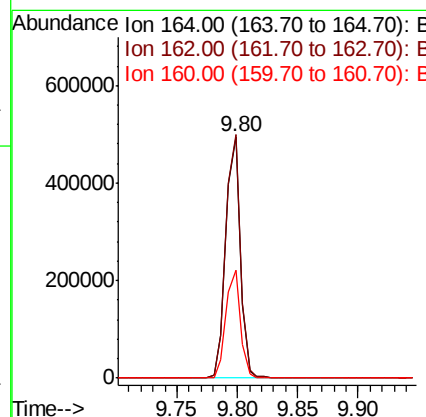
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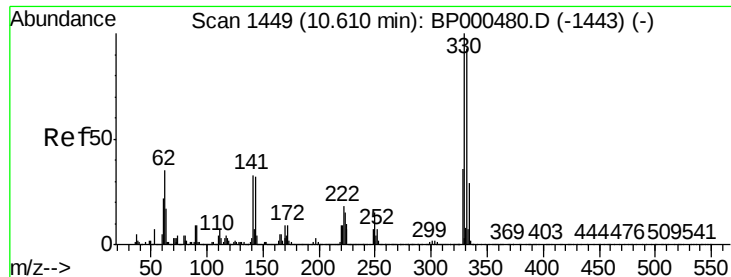
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#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.80 min Scan# 1311
 Delta R.T. -0.02 min
 Lab File: BP000706.D
 Acq: 14 Oct 2019 13:28

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.8	82.2	123.2
160	44.6	37.6	56.4





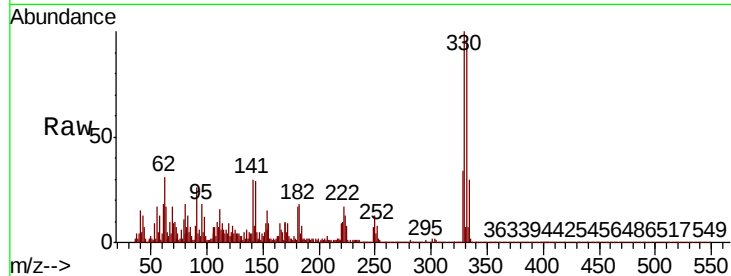
#42
2,4,6-Tribromophenol
Concen: 3.714 ng
RT: 10.59 min Scan# 1446
Delta R.T. -0.02 min
Lab File: BP000706.D
Acq: 14 Oct 2019 13:28

Instrument :
BNA_P
ClientSampleId :
20190826-COMPOSITE-BRE

Tot Ion	Ratio	Resp	Lower	Upper
330	100	16233		
332	94.1	77.1	115.7	
141	33.0	26.0	39.0	

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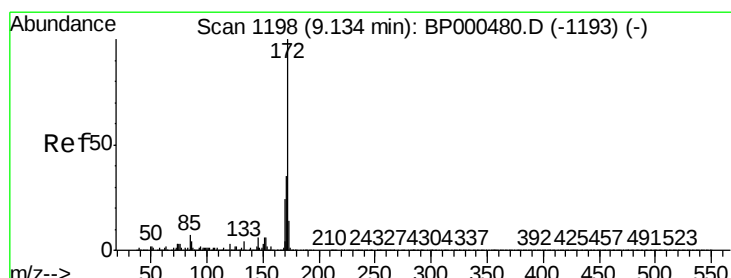
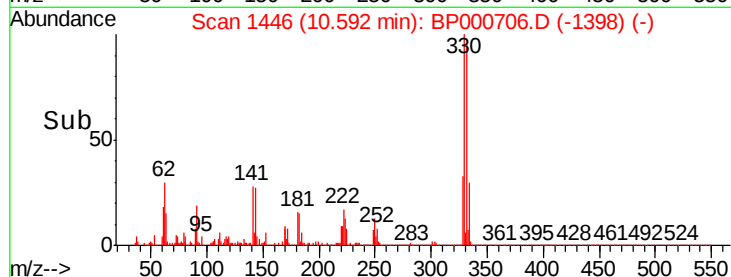
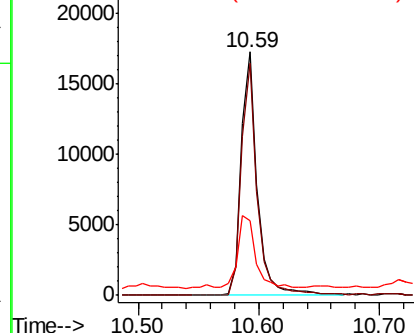


Abundance

Ion 329.80 (329.50 to 330.50): E

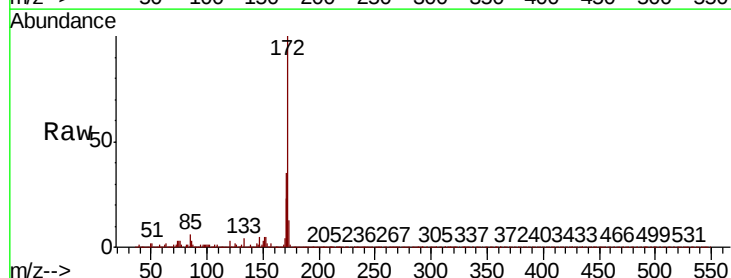
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
2-Fluorobiphenyl
Concen: 47.950 ng
RT: 9.12 min Scan# 1195
Delta R.T. -0.02 min
Lab File: BP000706.D
Acq: 14 Oct 2019 13:28

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1215528		
171	35.3	28.4	42.6	
170	23.4	19.1	28.7	

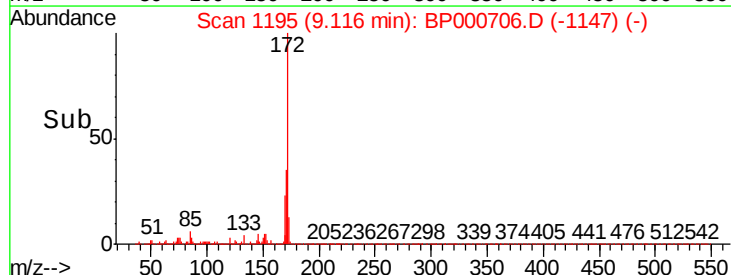
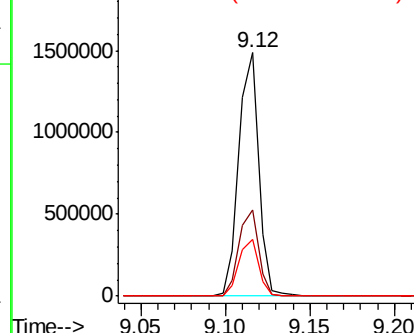


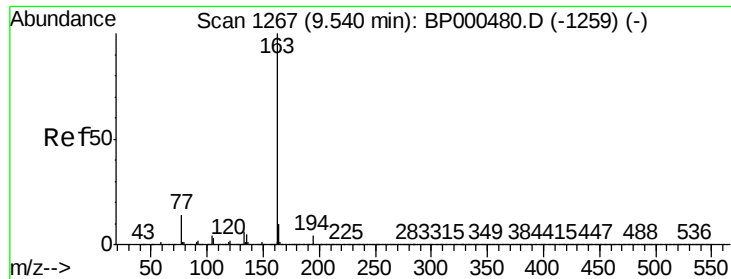
Abundance

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





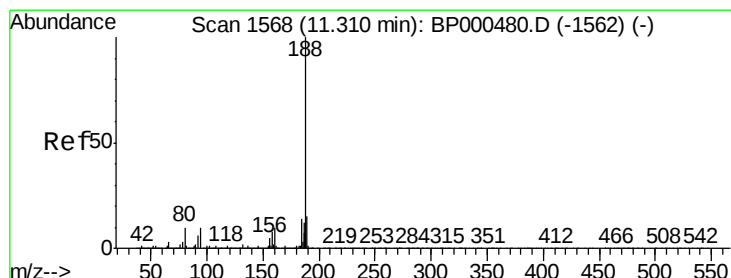
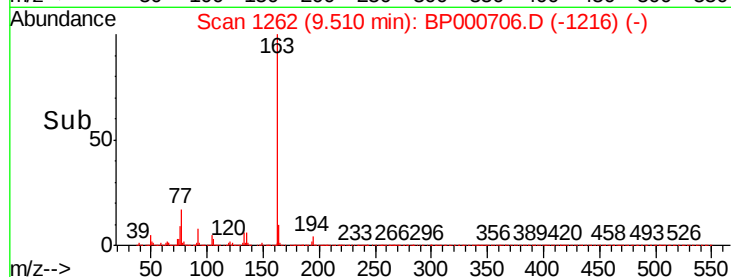
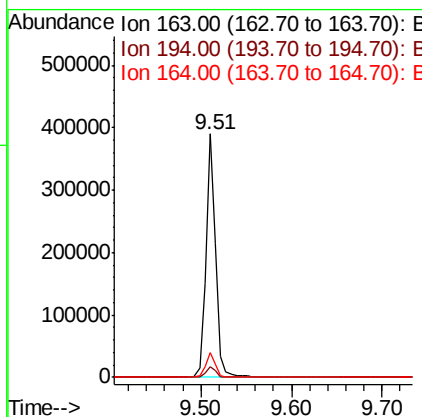
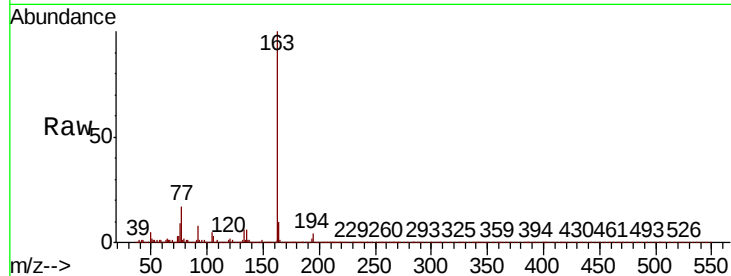
#50
Dimethylphthalate
Concen: 10.256 ng
RT: 9.51 min Scan# 1262
Delta R.T. -0.03 min
Lab File: BP000706.D
Acq: 14 Oct 2019 13:28

Instrument :
BNA_P
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20190826-COMPOSITE-BRE

Tot Ion	Ratio	Resp Lower	Upper
163	100		
194	4.2	3.4	5.2
164	10.1	8.0	12.0

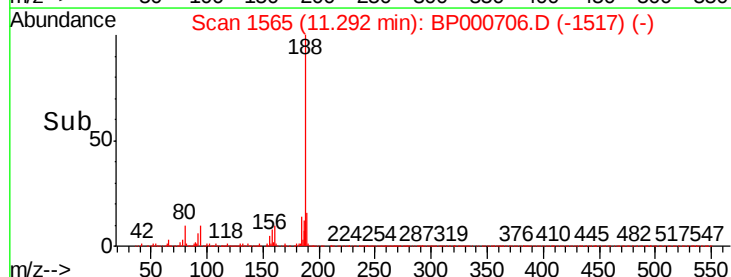
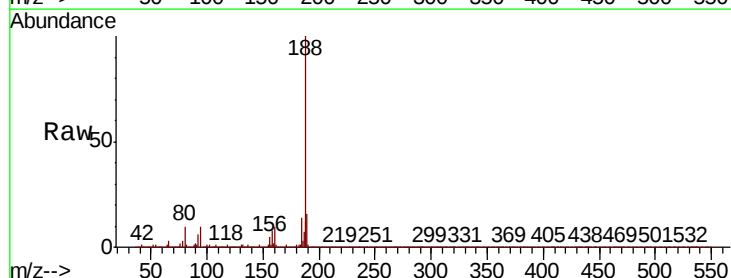
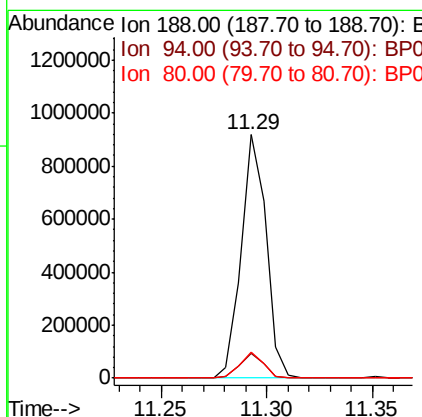
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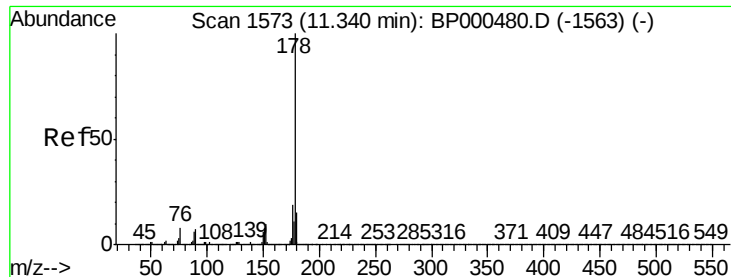
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.29 min Scan# 1565
Delta R.T. -0.02 min
Lab File: BP000706.D
Acq: 14 Oct 2019 13:28

Tgt Ion	Ratio	Resp Lower	Upper
188	100		
94	10.2	8.2	12.2
80	10.5	8.3	12.5





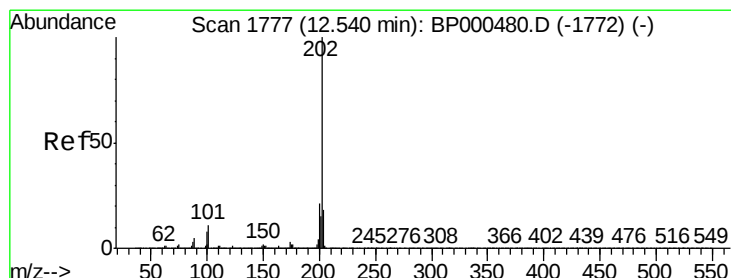
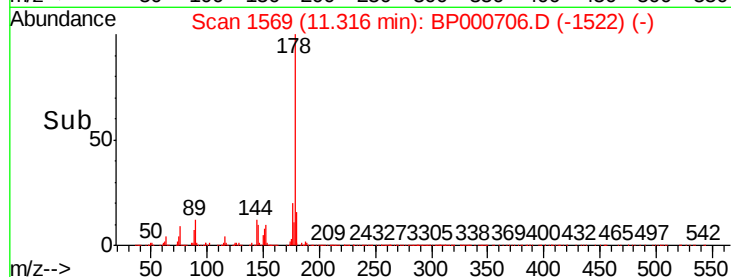
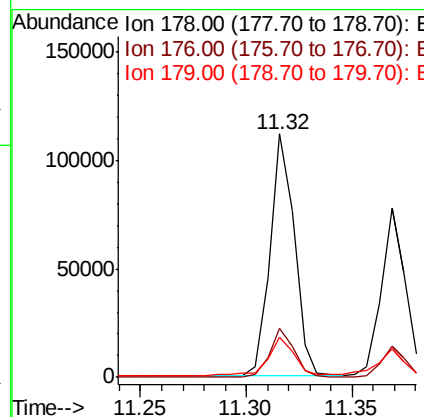
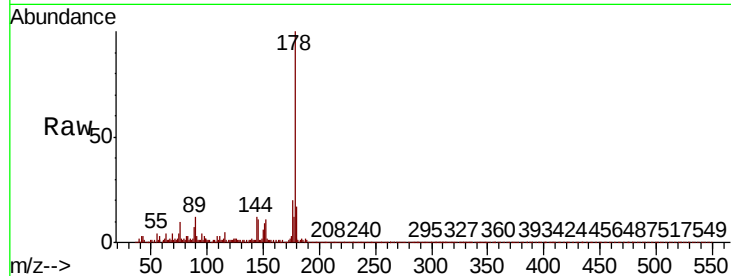
#71
Phenanthrene
Concen: 2.389 ng
RT: 11.32 min Scan# 1569
Delta R.T. -0.02 min
Lab File: BP000706.D
Acq: 14 Oct 2019 13:28

Instrument :
BNA_P
ClientSampleId :
20190826-COMPOSITE-BRE

Tot Ion:178	Resp:	89735
Ion Ratio	Lower	Upper
178 100		
176 20.3	15.4	23.2
179 16.6	12.2	18.4

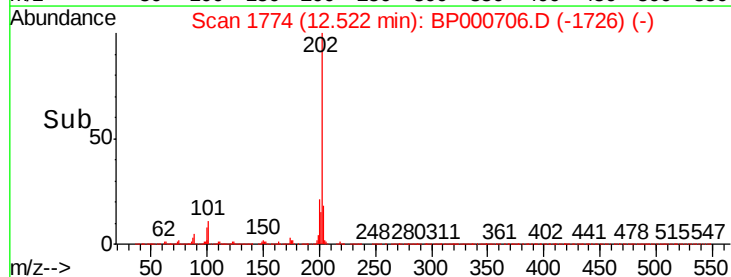
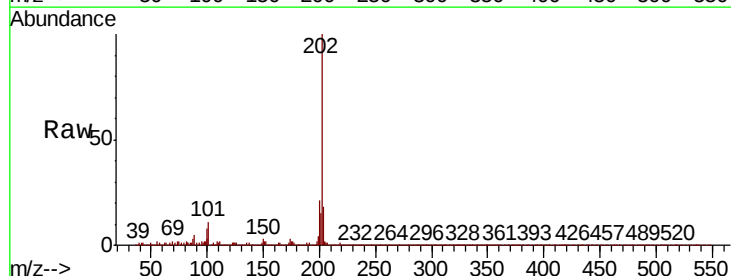
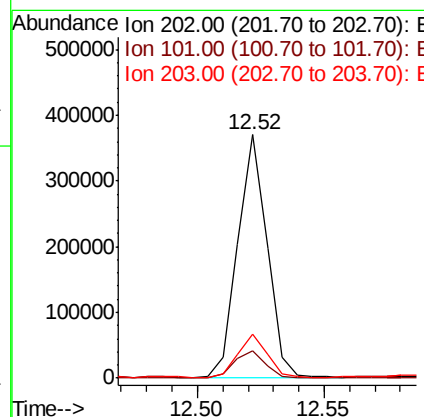
Manual Integrations
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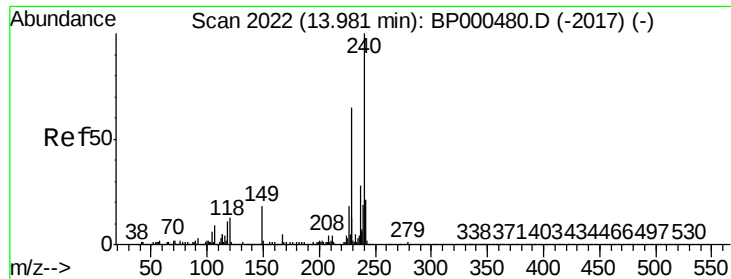
mohammad
10/16/2019 8:11:07 AM



#75
Fluoranthene
Concen: 7.007 ng
RT: 12.52 min Scan# 1774
Delta R.T. -0.02 min
Lab File: BP000706.D
Acq: 14 Oct 2019 13:28

Tgt Ion:202	Resp:	295552
Ion Ratio	Lower	Upper
202 100		
101 11.4	0.0	31.3
203 17.8	0.0	38.1





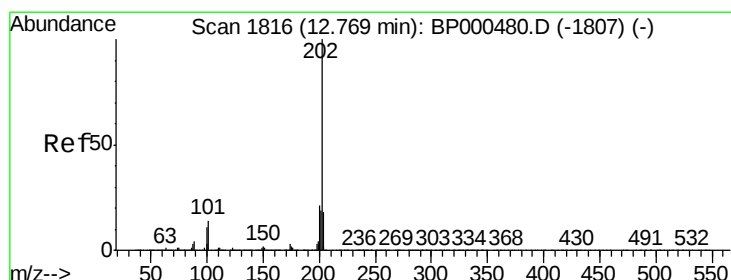
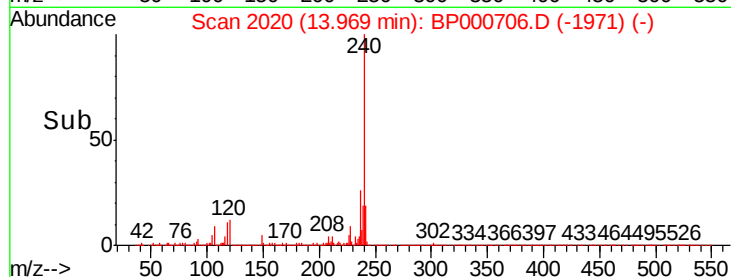
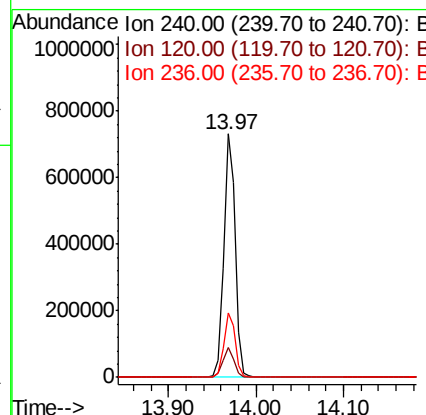
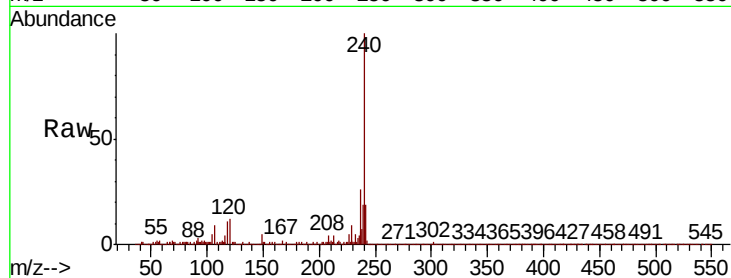
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.01 min
Lab File: BP000706.D
Acq: 14 Oct 2019 13:28

Instrument :
BNA_P
ClientSampleId :
20190826-COMPOSITE-BRE

Tot Ion	Ratio	Lower	Upper
240	100		
120	12.4	10.1	15.1
236	26.3	22.7	34.1

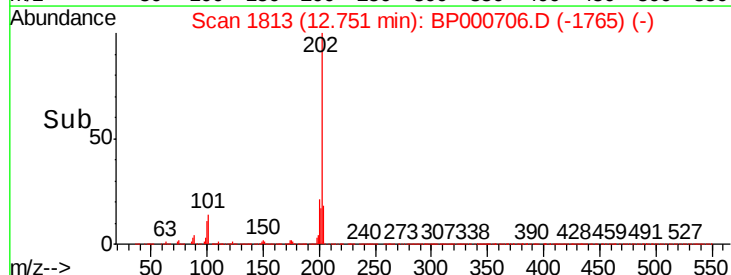
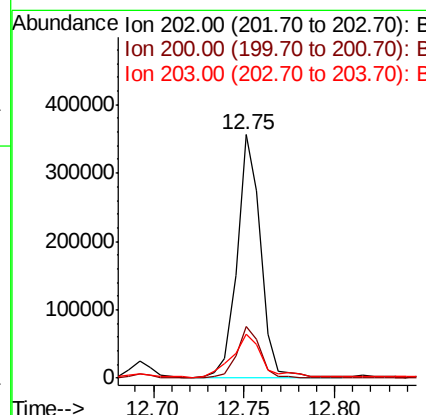
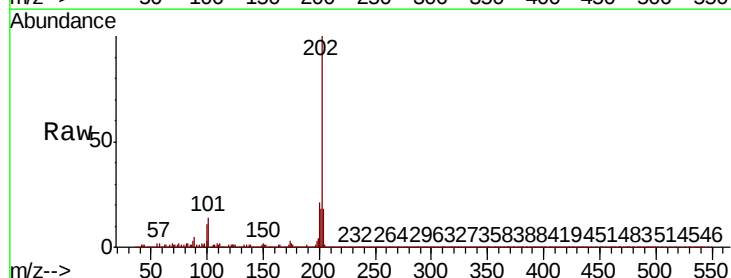
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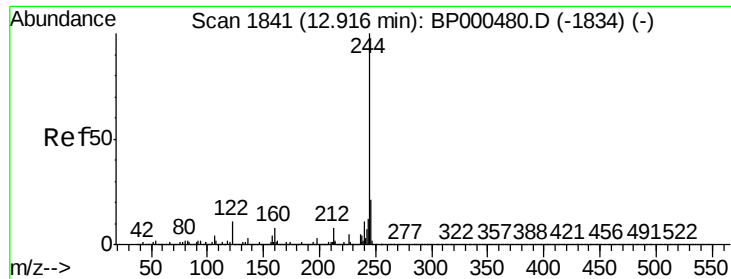
mohammad
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#78
Pyrene
Concen: 6.950 ng
RT: 12.75 min Scan# 1813
Delta R.T. -0.02 min
Lab File: BP000706.D
Acq: 14 Oct 2019 13:28

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.0	17.1	25.7
203	18.1	14.6	21.8





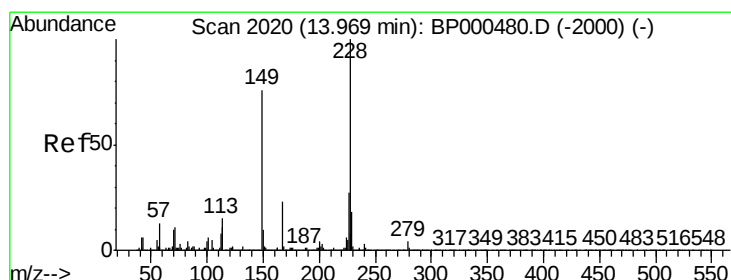
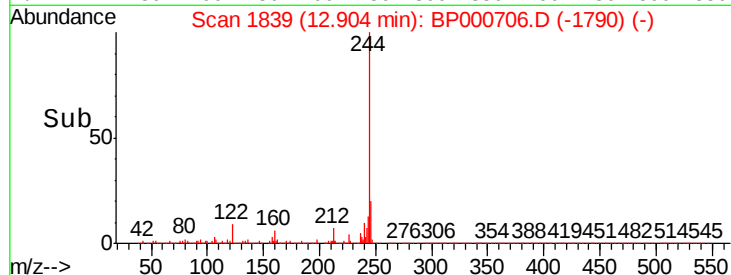
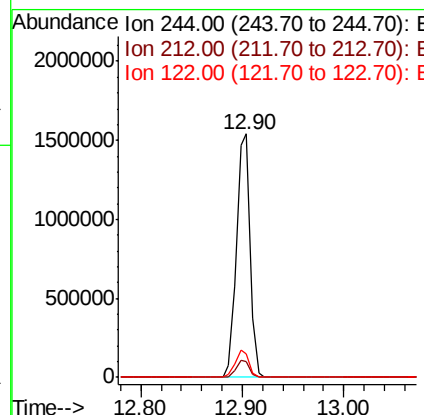
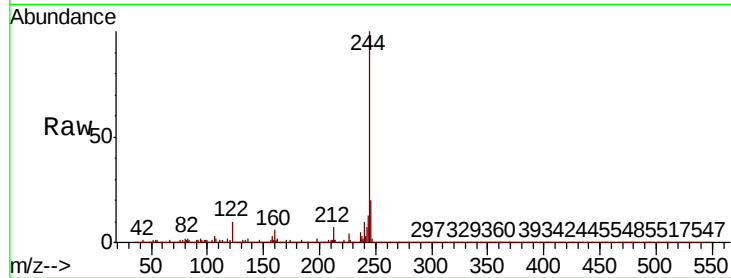
#79
 Terphenyl-d14
 Concen: 44.295 ng
 RT: 12.90 min Scan# 1839
 Delta R.T. -0.01 min
 Lab File: BP000706.D
 Acq: 14 Oct 2019 13:28

Instrument :
 BNA_P
 ClientSampleId :
 20190826-COMPOSITE-BRE

Tot Ion:244 Resp: 1443223
 Ion Ratio Lower Upper
 244 100
 212 6.7 6.0 9.0
 122 9.6 8.9 13.3

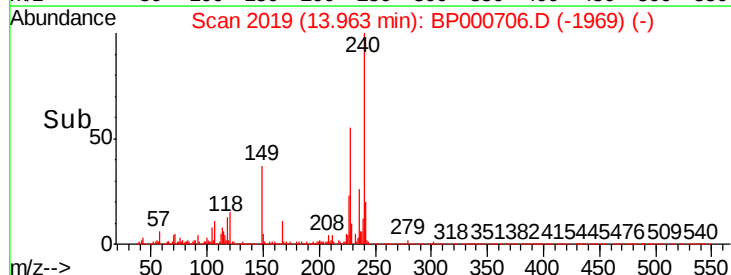
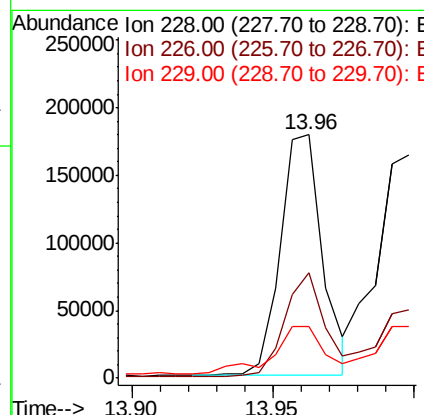
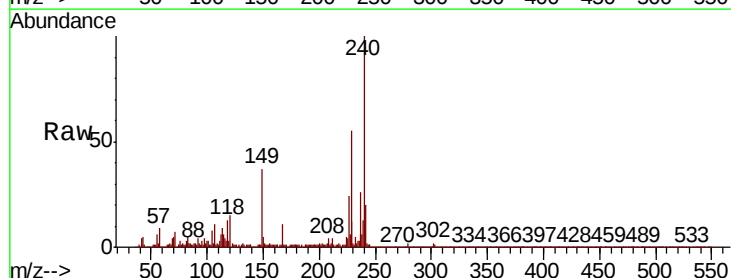
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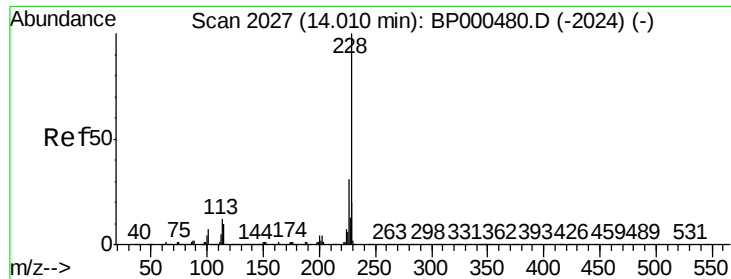
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#81
 Benzo(a)anthracene
 Concen: 4.582 ng
 RT: 13.96 min Scan# 2019
 Delta R.T. -0.01 min
 Lab File: BP000706.D
 Acq: 14 Oct 2019 13:28

Tgt Ion:228 Resp: 184441
 Ion Ratio Lower Upper
 228 100
 226 43.3 21.4 32.2#
 229 21.3 14.7 22.1





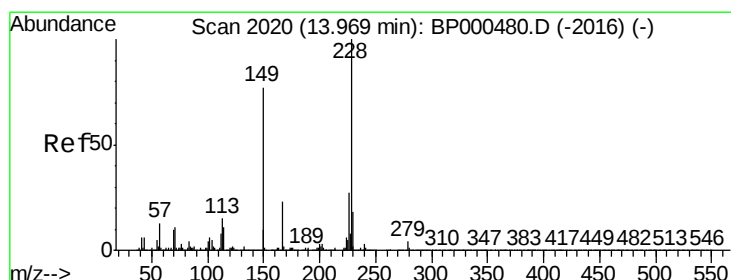
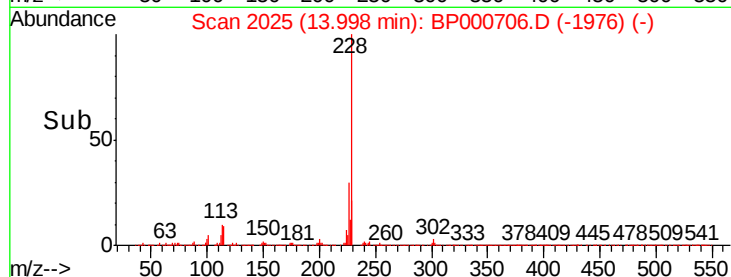
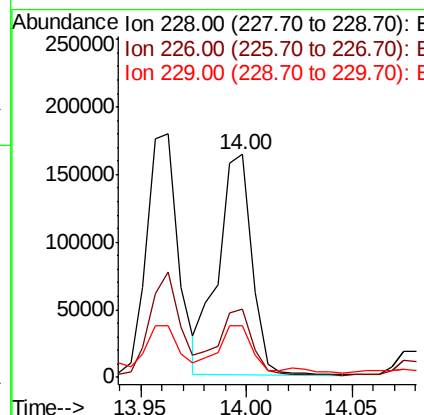
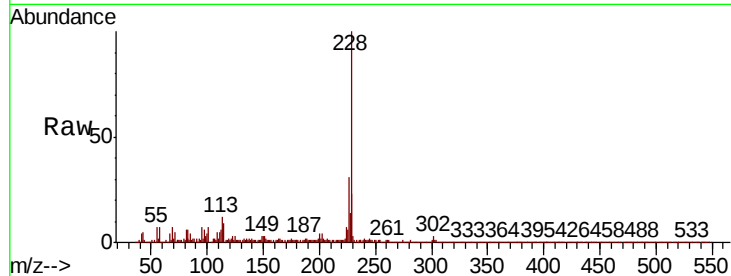
#83
Chrysene
Concen: 4.605 ng
RT: 14.00 min Scan# 2025
Delta R.T. -0.01 min
Lab File: BP000706.D
Acq: 14 Oct 2019 13:28

Instrument :
BNA_P
ClientSampleId :
20190826-COMPOSITE-BRE

Tot Ion	Ion	Ratio	Resp	Lower	Upper
228	100				
226	30.8	24.7	37.1		
229	23.1	16.3	24.5		

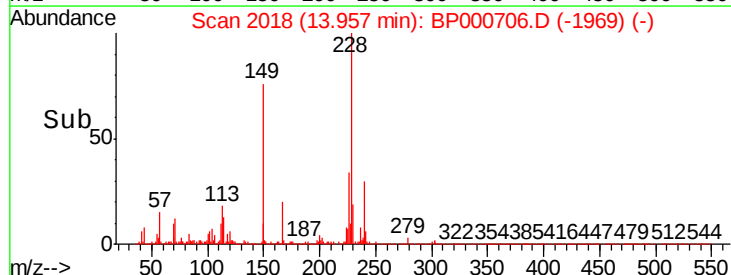
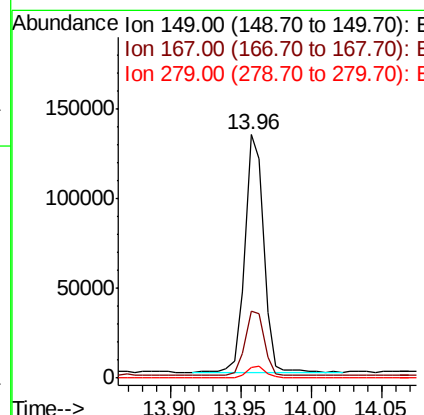
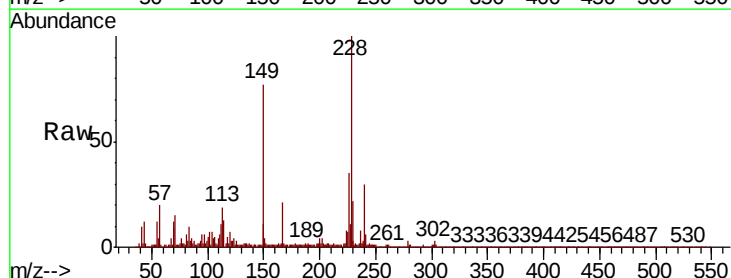
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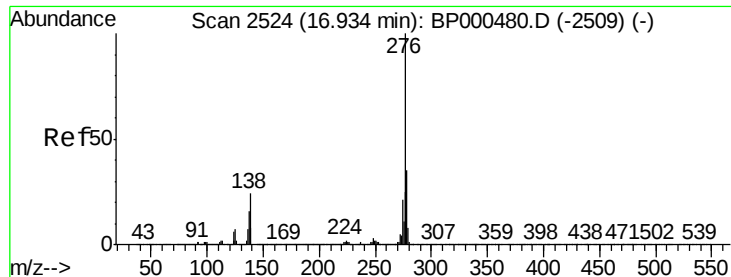
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#84
Bis(2-ethylhexyl)phthalate
Concen: 4.958 ng
RT: 13.96 min Scan# 2018
Delta R.T. -0.01 min
Lab File: BP000706.D
Acq: 14 Oct 2019 13:28

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
149	100				
167	27.3	23.6	35.4		
279	4.1	3.9	5.9		





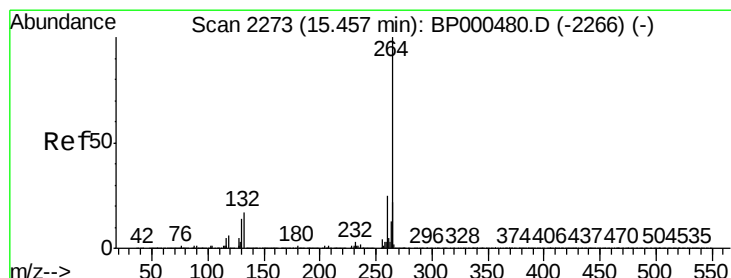
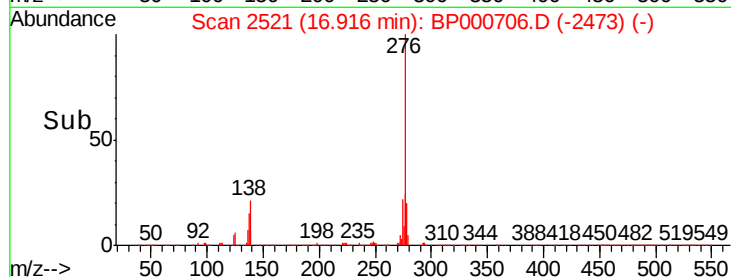
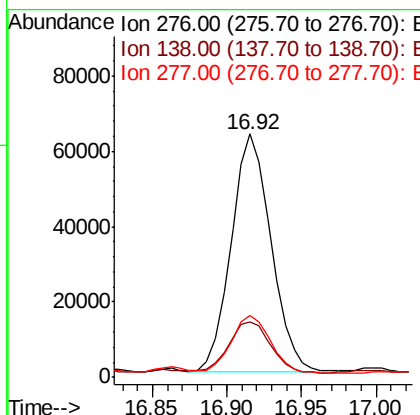
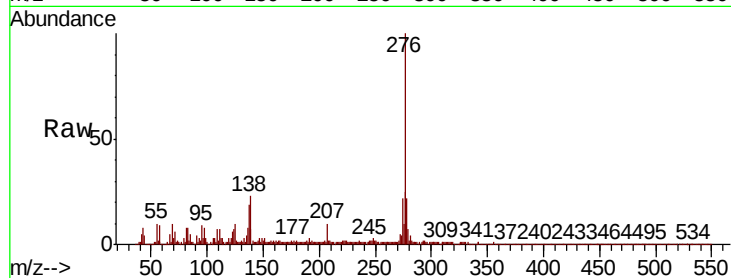
#86
Indeno(1,2,3-cd)pyrene
Concen: 2.366 ng
RT: 16.92 min Scan# 2521
Delta R.T. -0.02 min
Lab File: BP000706.D
Acq: 14 Oct 2019 13:28

Instrument :
BNA_P
ClientSampleId :
20190826-COMPOSITE-BRE

Tot Ion	Ratio	Lower	Upper
276	100		
138	22.6	20.9	31.3
277	24.0	20.6	30.8

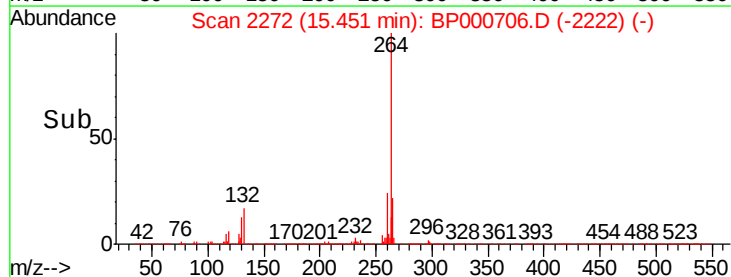
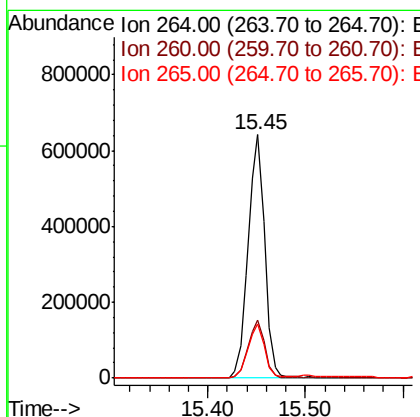
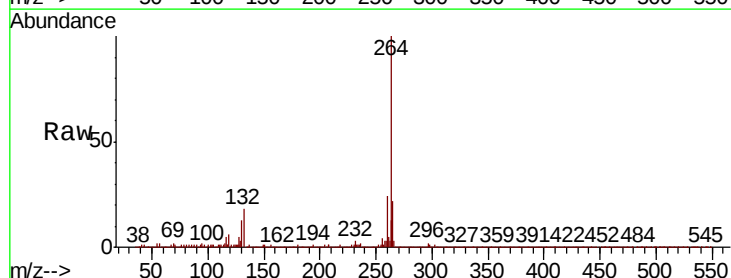
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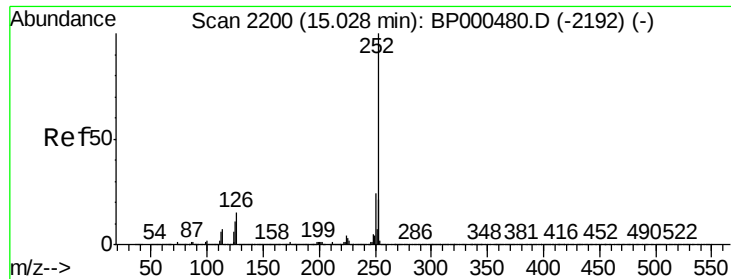
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#87
Perylene-d12
Concen: 20.000 ng
RT: 15.45 min Scan# 2272
Delta R.T. -0.01 min
Lab File: BP000706.D
Acq: 14 Oct 2019 13:28

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.9	20.3	30.5
265	22.2	18.0	27.0





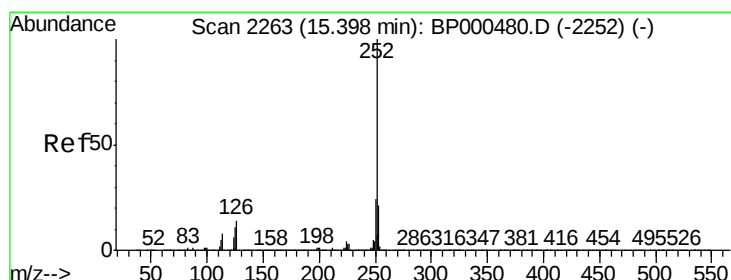
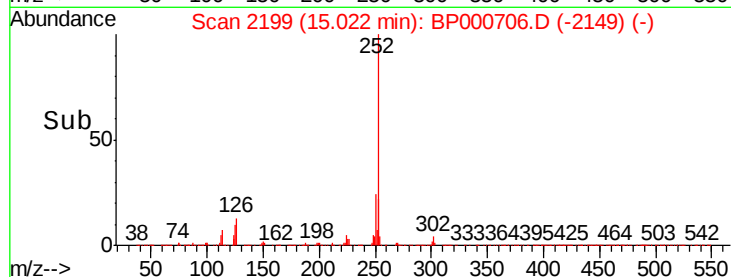
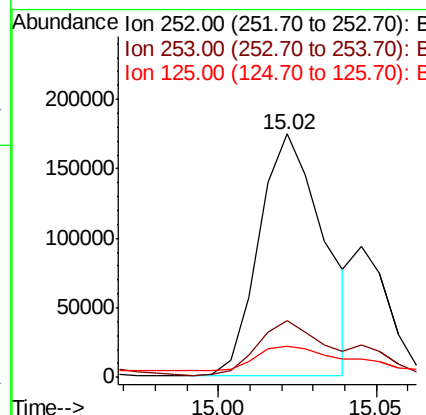
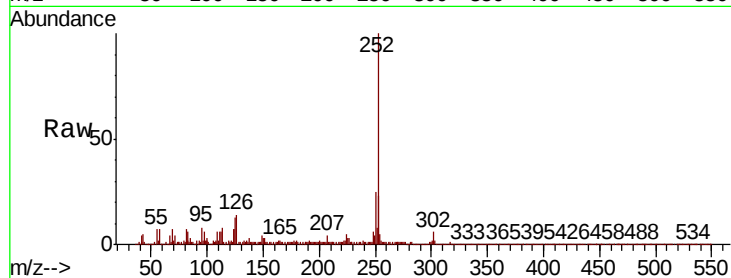
#88
Benzo(b)fluoranthene
Concen: 5.729 ng m
RT: 15.02 min Scan# 2199
Delta R.T. -0.01 min
Lab File: BP000706.D
Acq: 14 Oct 2019 13:28

Instrument :
BNA_P
ClientSampleId :
20190826-COMPOSITE-BRE

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.0	25.4
125	13.0	8.9	13.3

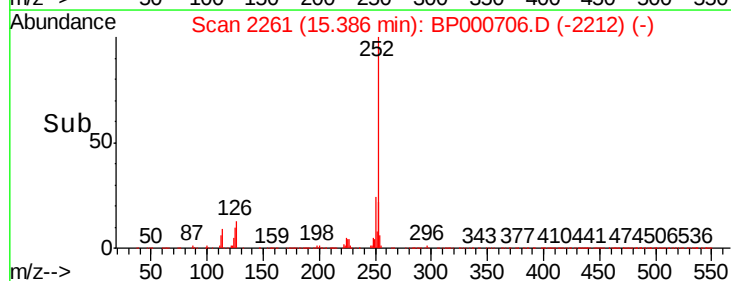
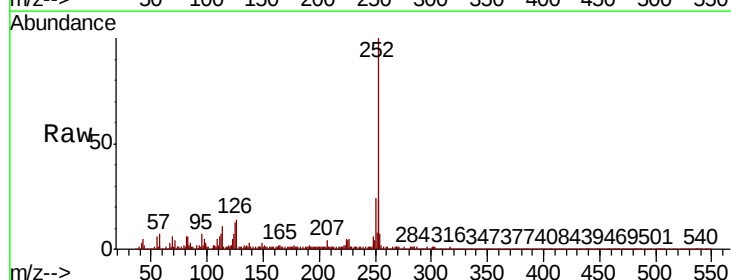
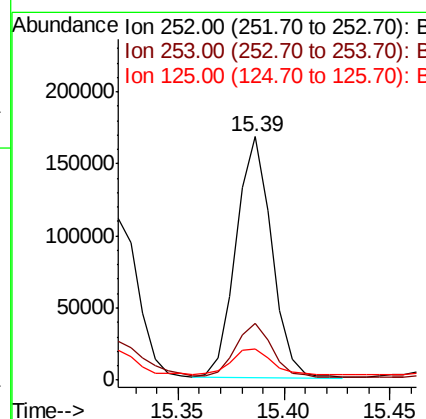
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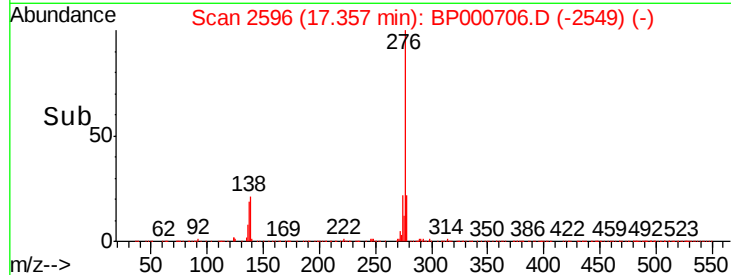
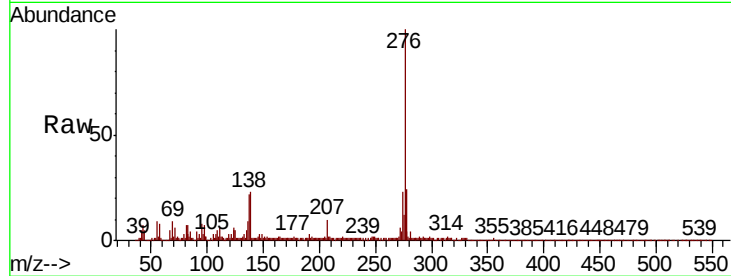
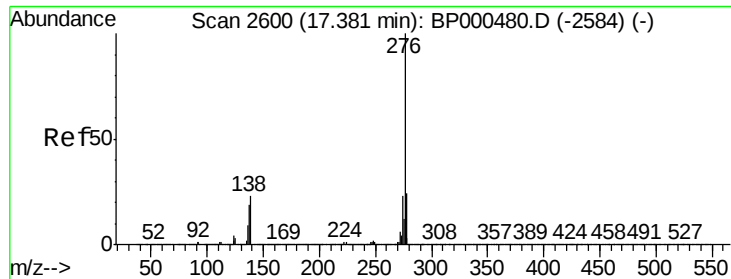
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#90
Benzo(a)pyrene
Concen: 4.866 ng
RT: 15.39 min Scan# 2261
Delta R.T. -0.01 min
Lab File: BP000706.D
Acq: 14 Oct 2019 13:28

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.0	25.6
125	12.7	8.4	12.6#





#92
 Benzo(a,h,i)perylene
 Concen: 3.170 ng
 RT: 17.36 min Scan# 2596
 Delta R.T. -0.02 min
 Lab File: BP000706.D
 Acq: 14 Oct 2019 13:28

Instrument :
 BNA_P
 ClientSampleId :
 20190826-COMPOSITE-BRE

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.2	19.4	29.2
138	23.3	18.5	27.7

Manual Integrations
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