

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP081720\
 Data File : BP003007.D
 Acq On : 17 Aug 2020 17:44
 Operator : CG/JU
 Sample : L3691-09
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 S711-N-SO-0-0.5-081320

Manual Integrations
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Quant Time: Aug 18 04:13:50 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP073020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 17 14:07:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	368369	20.00	ng	0.00
21) Naphthalene-d8	10.46	136	1322662	20.00	ng	0.00
39) Acenaphthene-d10	14.32	164	878208	20.00	ng	0.00
64) Phenanthrene-d10	17.07	188	1659721	20.00	ng	0.00
76) Chrysene-d12	21.17	240	1990162	20.00	ng	0.00
86) Perylene-d12	23.42	264	1903514	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	1787146	74.25	ng	0.00
7) Phenol-d6	6.86	99	2143465	64.14	ng	0.00
23) Nitrobenzene-d5	8.83	82	1274130	52.18	ng	0.00
42) 2,4,6-Tribromophenol	15.82	330	841879	77.13	ng	0.00
45) 2-Fluorobiphenyl	12.95	172	3153400	49.06	ng	0.00
79) Terphenyl-d14	19.65	244	4206380	42.31	ng	0.00
Target Compounds						
10) Phenol	6.89	94	91520	2.719	ng	95
32) Benzoic acid	9.73	122	15978m	8.778	ng	
50) Dimethylphthalate	13.78	163	852757	12.415	ng	100
71) Phenanthrene	17.12	178	412169	4.235	ng	99
75) Fluoranthene	19.10	202	1558068	13.895	ng	98
78) Pyrene	19.45	202	1305936	9.387	ng	99
81) Benzo(a)anthracene	21.16	228	753618	5.559	ng	100
83) Chrysene	21.20	228	965261	7.548	ng	98
84) Bis(2-ethylhexyl)phthalate	21.10	149	224555	2.916	ng	97
87) Indeno(1,2,3-cd)pyrene	25.70	276	796724	5.226	ng	95
88) Benzo(b)fluoranthene	22.74	252	1604641m	11.946	ng	
89) Benzo(k)fluoranthene	22.78	252	413395m	3.256	ng	
90) Benzo(a)pyrene	23.32	252	868366	7.154	ng	100
92) Benzo(a,h,i)perylene	26.40	276	805560	6.421	ng	98

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

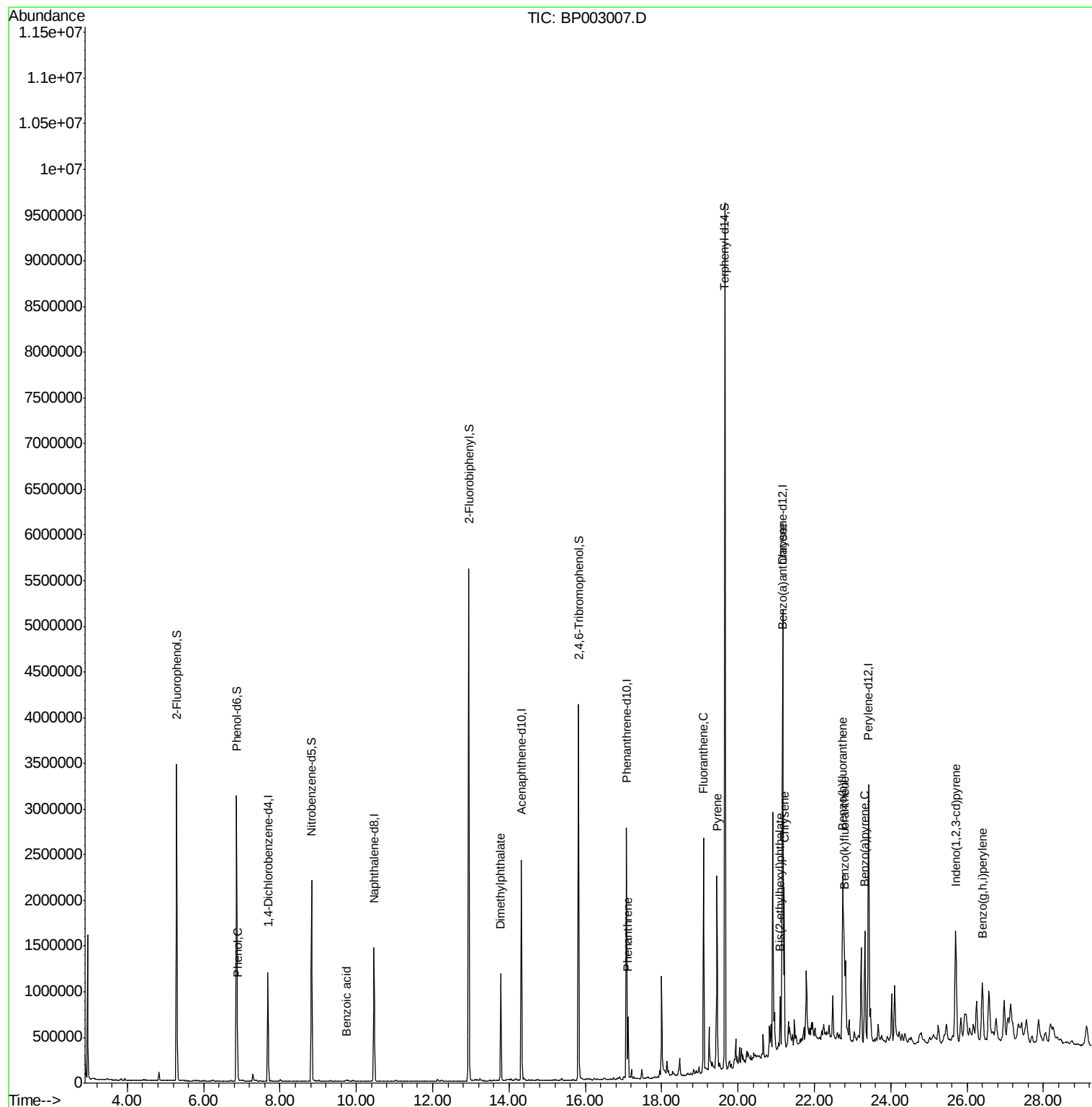
Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP081720\
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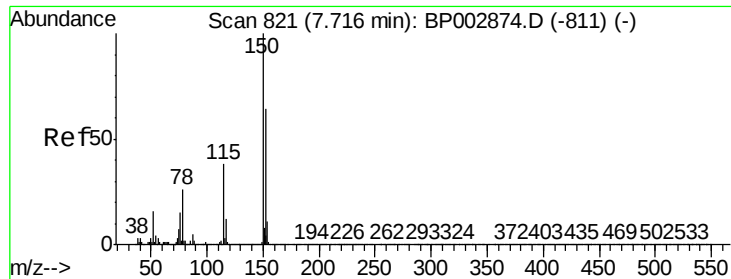
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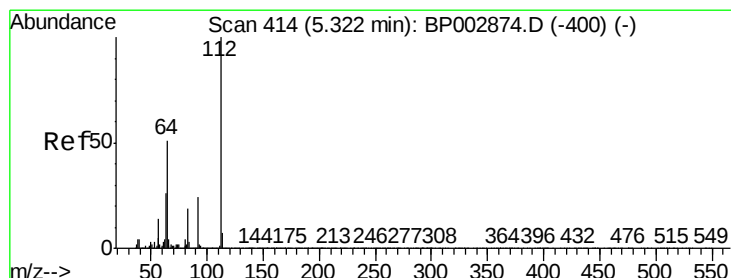
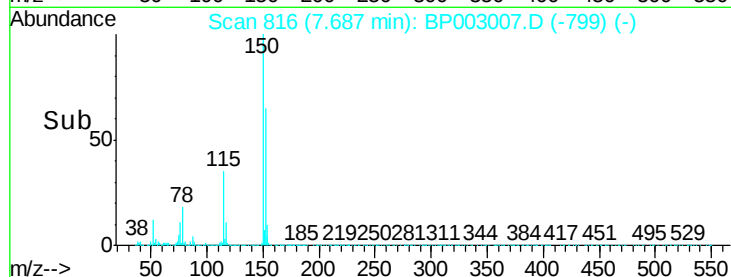
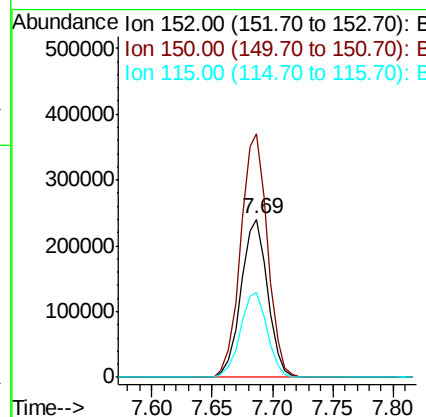
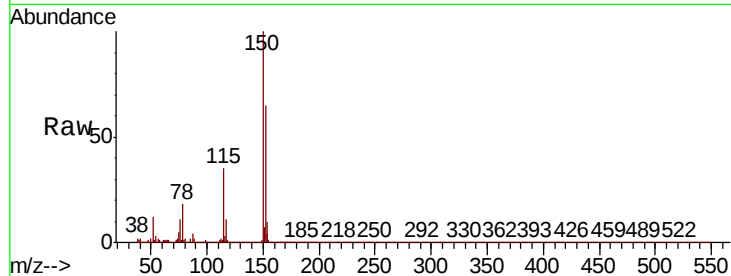
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.69 min Scan# 816
 Delta R.T. -0.00 min
 Lab File: BP003007.D
 Acq: 17 Aug 2020 17:44

Instrument :
 BNA_P
 ClientSampleId :
 S711-N-SO-0-0.5-081320

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.8	126.1	189.1
115	53.3	43.4	65.2

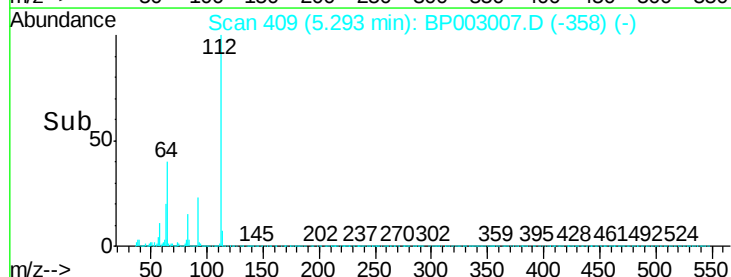
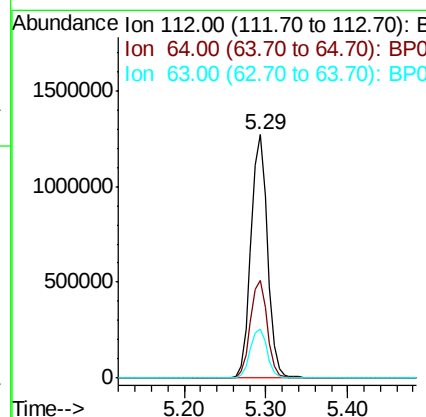
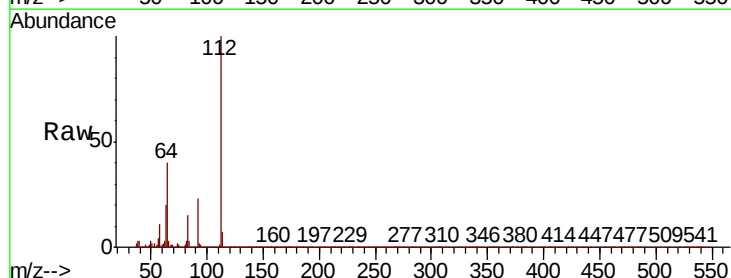
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#5
 2-Fluorophenol
 Concen: 74.252 ng
 RT: 5.29 min Scan# 409
 Delta R.T. -0.00 min
 Lab File: BP003007.D
 Acq: 17 Aug 2020 17:44

Tgt Ion	Ratio	Lower	Upper
112	100		
64	40.2	33.4	50.2
63	20.3	17.4	26.0





#7

Phenol-d6

Concen: 64.145 ng

RT: 6.86 min Scan# 676

Delta R.T. -0.01 min

Lab File: BP003007.D

Acq: 17 Aug 2020 17:44

Instrument :

BNA_P

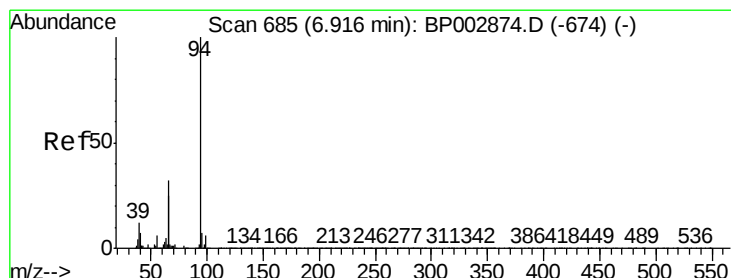
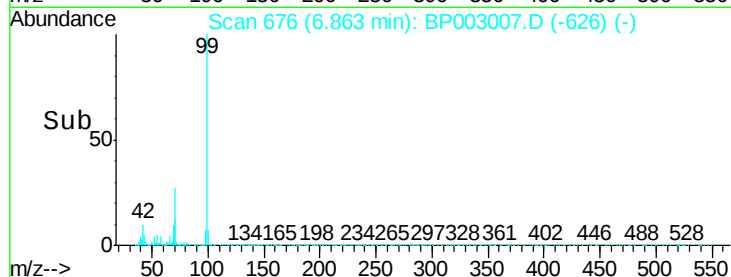
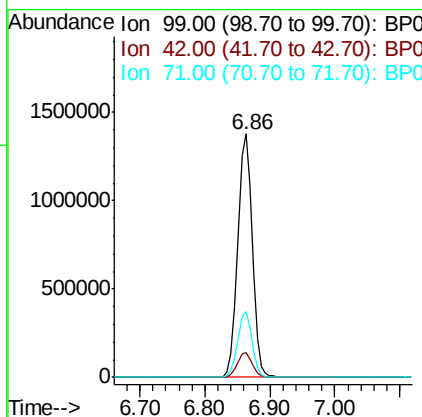
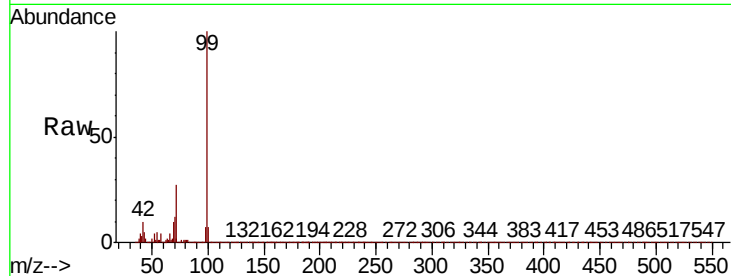
ClientSampleId :

S711-N-SO-0-0.5-081320

Tot Ion:	99	Resp:	2143465
Ion	Ratio	Lower	Upper
99	100		
42	9.9	8.0	12.0
71	26.8	21.3	31.9

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#10

Phenol

Concen: 2.719 ng

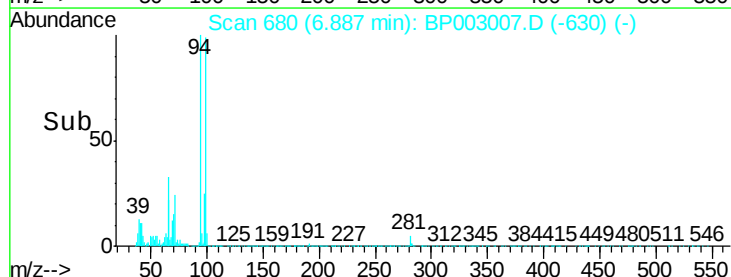
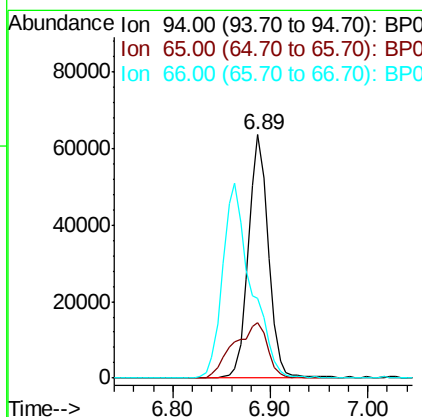
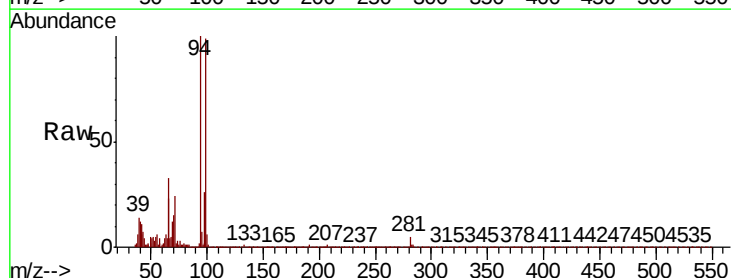
RT: 6.89 min Scan# 680

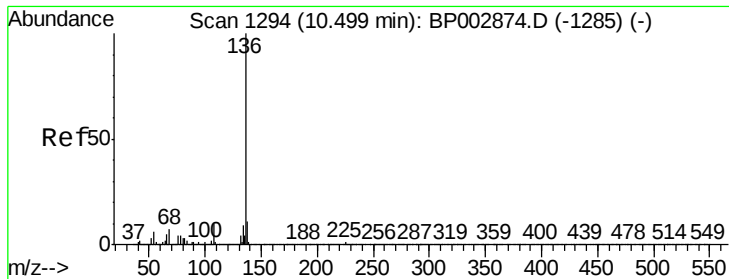
Delta R.T. -0.01 min

Lab File: BP003007.D

Acq: 17 Aug 2020 17:44

Tgt Ion:	94	Resp:	91520
Ion	Ratio	Lower	Upper
94	100		
65	22.6	1.7	41.7
66	32.7	8.6	48.6





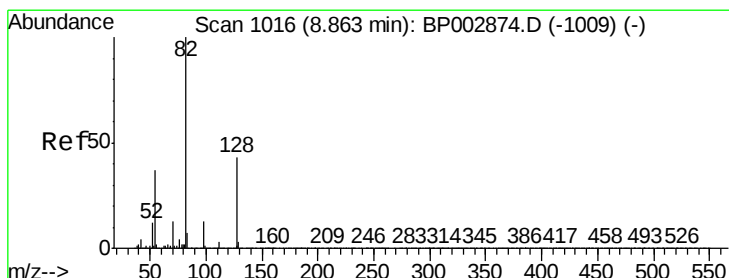
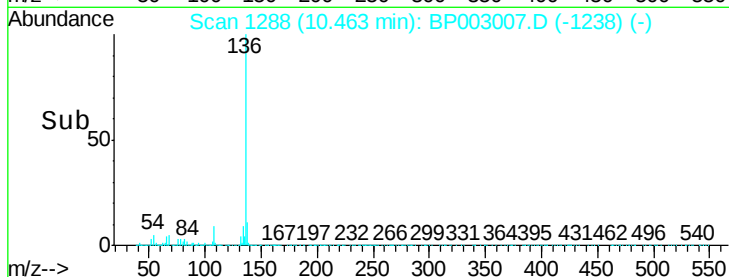
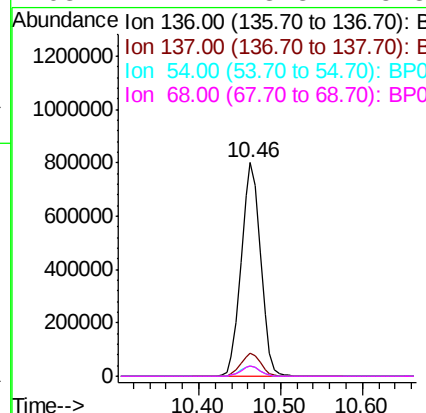
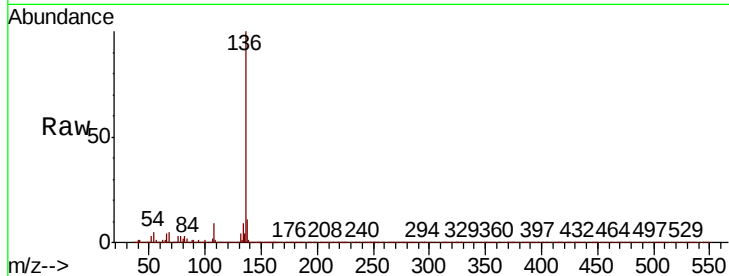
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.46 min Scan# 1288
Delta R.T. -0.01 min
Lab File: BP003007.D
Acq: 17 Aug 2020 17:44

Instrument :
BNA_P
ClientSampleId :
S711-N-SO-0-0.5-081320

Tot Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	4.7	3.8	5.8
68	4.7	3.8	5.8

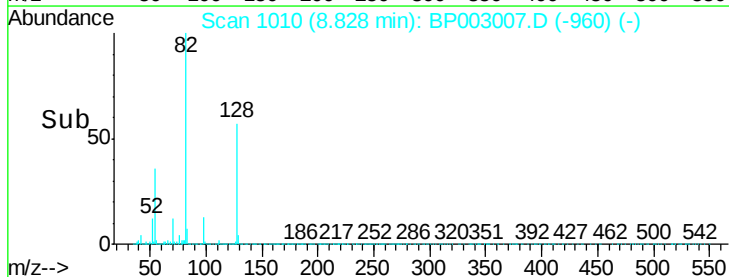
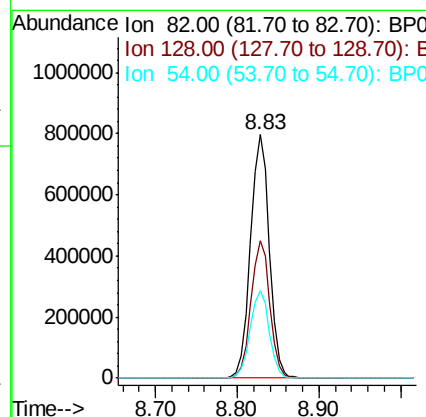
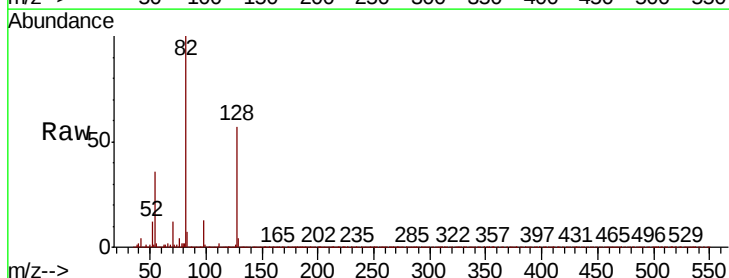
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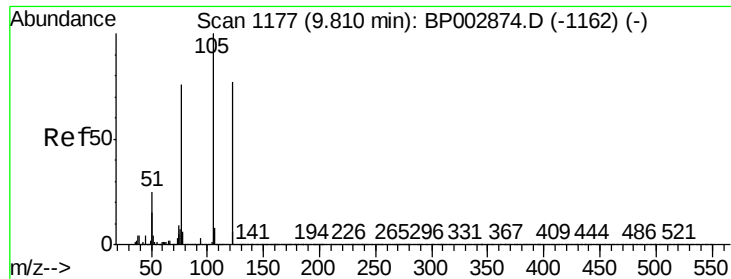
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#23
Nitrobenzene-d5
Concen: 52.175 ng
RT: 8.83 min Scan# 1010
Delta R.T. -0.01 min
Lab File: BP003007.D
Acq: 17 Aug 2020 17:44

Tgt Ion	Ratio	Lower	Upper
82	100		
128	56.6	45.1	67.7
54	36.0	28.8	43.2





#32

Benzoic acid

Concen: 8.778 ng/mL

RT: 9.73 min Scan# 1164

Delta R.T. -0.08 min

Lab File: BP003007.D

Acq: 17 Aug 2020 17:44

Instrument :

BNA_P

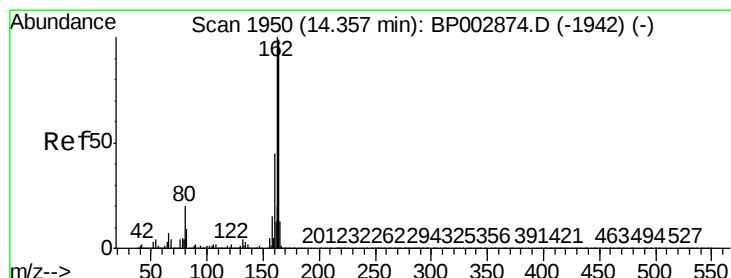
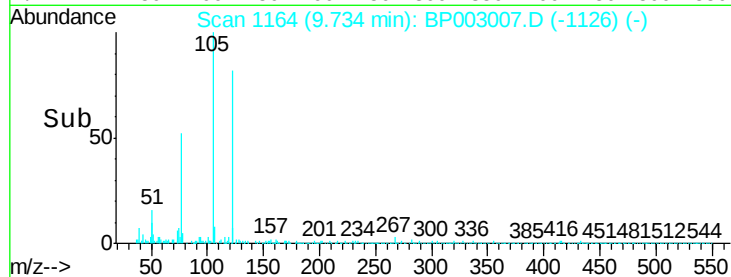
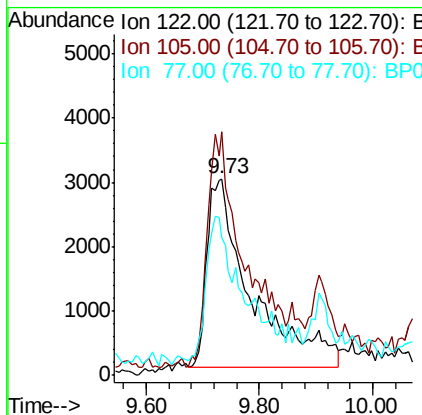
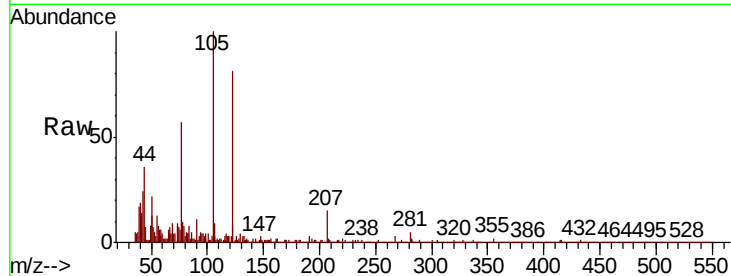
ClientSampleId :

S711-N-SO-0-0.5-081320

Tot Ion:	122	Resp:	15978
Ion Ratio	Lower	Upper	
122	100		
105	123.7	96.2	136.2
77	70.1	55.6	95.6

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#39

Acenaphthene-d10

Concen: 20.000 ng

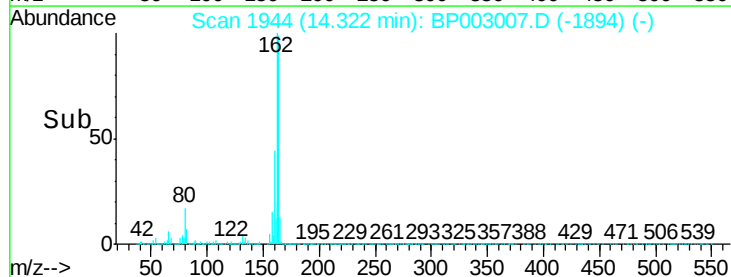
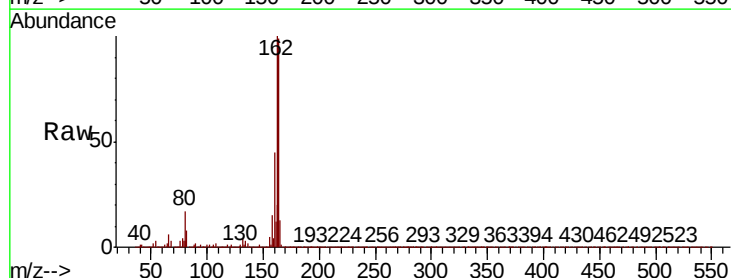
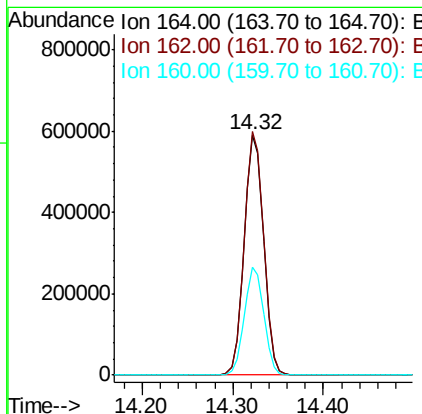
RT: 14.32 min Scan# 1944

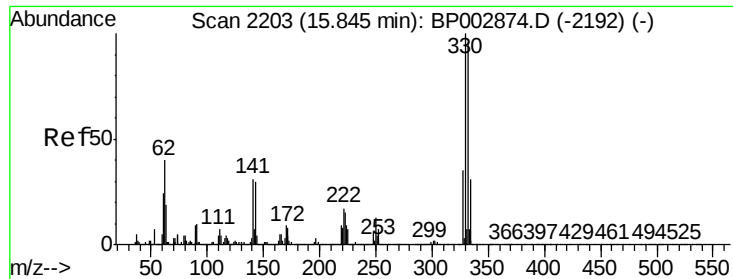
Delta R.T. -0.01 min

Lab File: BP003007.D

Acq: 17 Aug 2020 17:44

Tgt Ion:	164	Resp:	878208
Ion Ratio	Lower	Upper	
164	100		
162	101.5	81.4	122.0
160	45.2	35.5	53.3





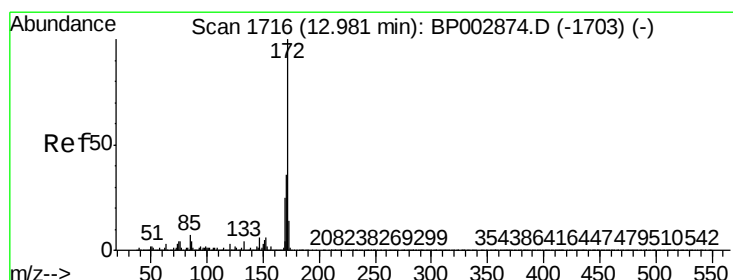
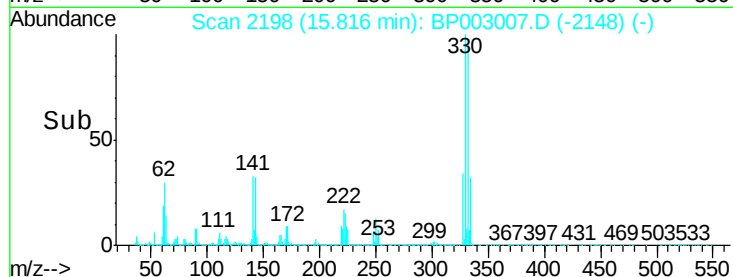
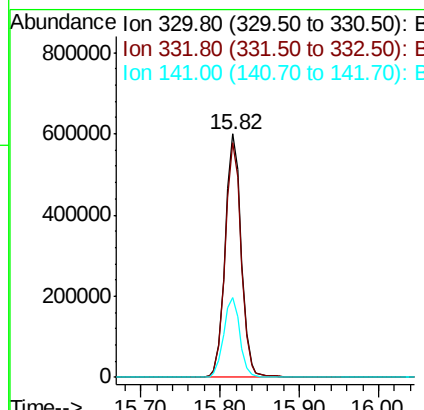
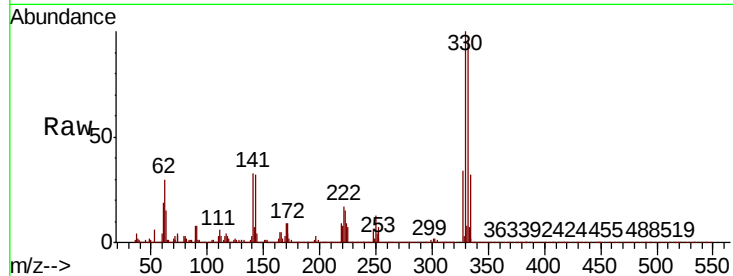
#42
 2,4,6-Tribromophenol
 Concen: 77.130 ng
 RT: 15.82 min Scan# 2198
 Delta R.T. -0.01 min
 Lab File: BP003007.D
 Acq: 17 Aug 2020 17:44

Instrument :
 BNA_P
 ClientSampleId :
 S711-N-SO-0-0.5-081320

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.0	115.6
141	33.0	26.7	40.1

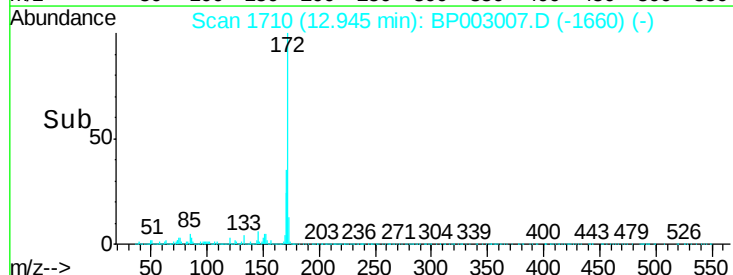
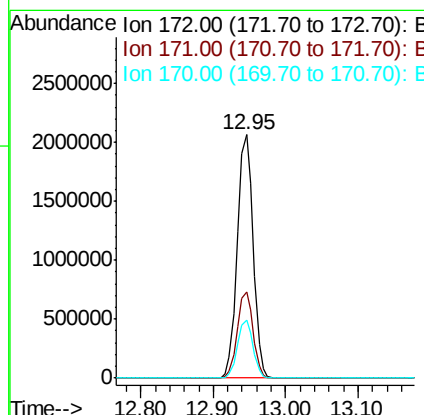
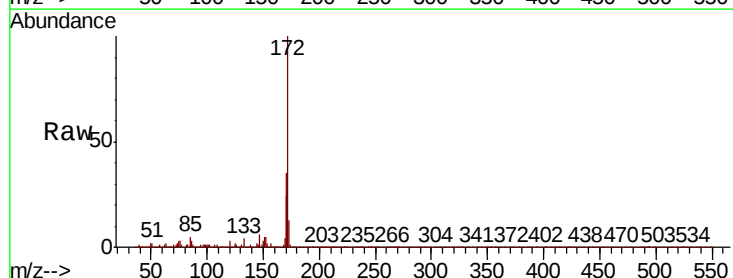
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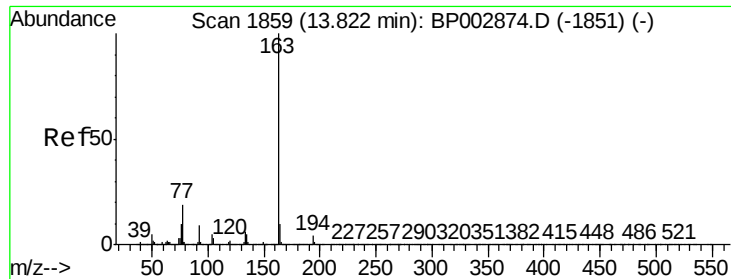
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#45
 2-Fluorobiphenyl
 Concen: 49.060 ng
 RT: 12.95 min Scan# 1710
 Delta R.T. -0.01 min
 Lab File: BP003007.D
 Acq: 17 Aug 2020 17:44

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.5	29.0	43.4
170	23.7	19.1	28.7





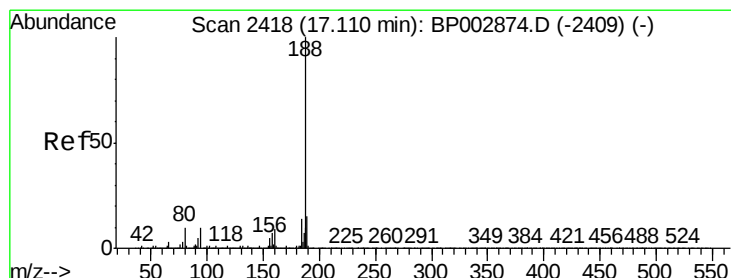
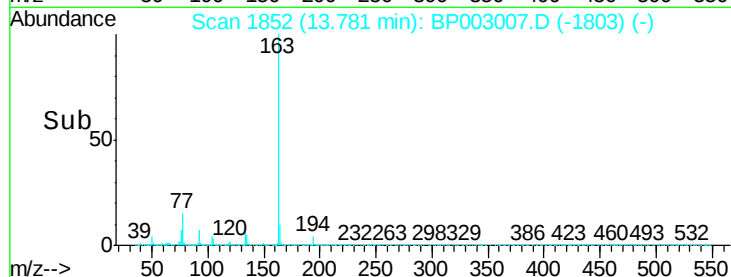
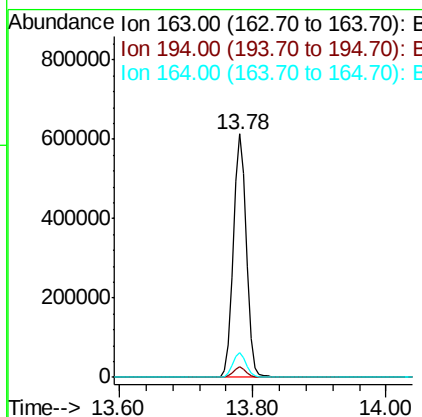
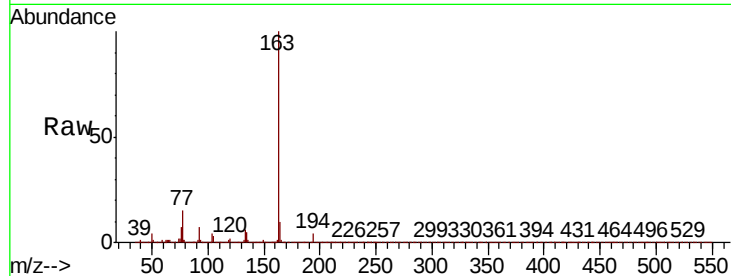
#50
Dimethylphthalate
Concen: 12.415 ng
RT: 13.78 min Scan# 1852
Delta R.T. -0.01 min
Lab File: BP003007.D
Acq: 17 Aug 2020 17:44

Instrument :
BNA_P
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S711-N-SO-0-0.5-081320

Tot Ion	Ratio	Resp	Lower	Upper
163	100	852757		
194	4.2		3.3	4.9
164	10.1		8.1	12.1

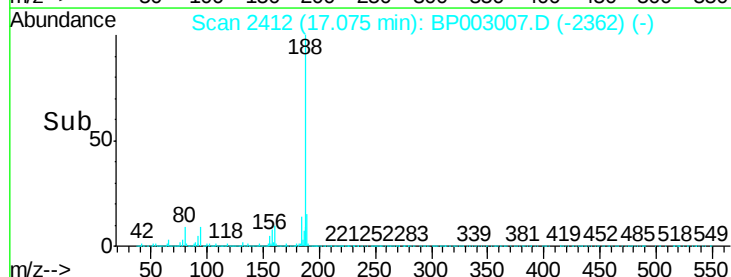
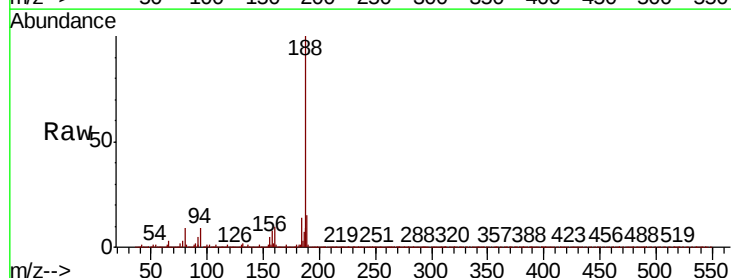
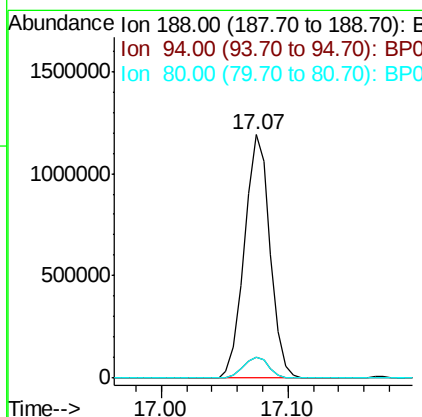
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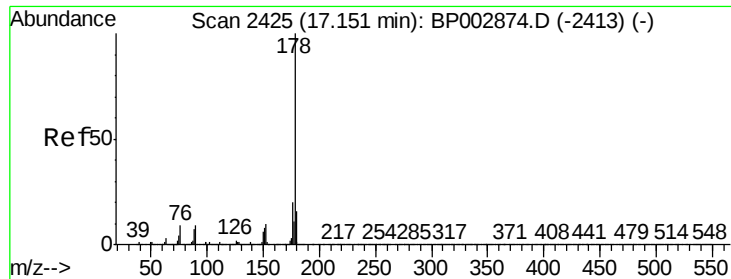
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.07 min Scan# 2412
Delta R.T. -0.01 min
Lab File: BP003007.D
Acq: 17 Aug 2020 17:44

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	1659721		
94	8.8		7.1	10.7
80	8.6		6.7	10.1





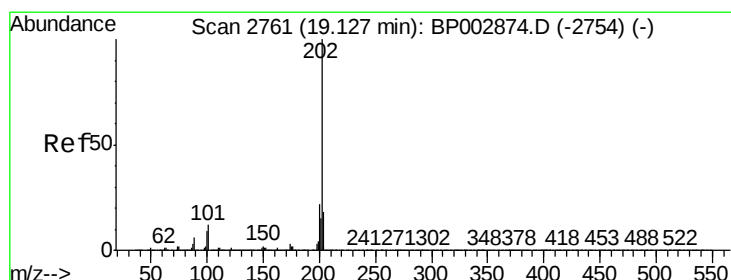
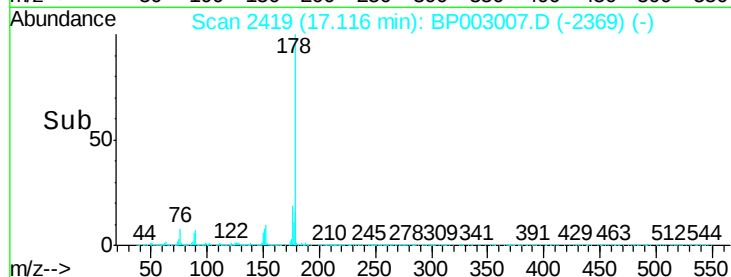
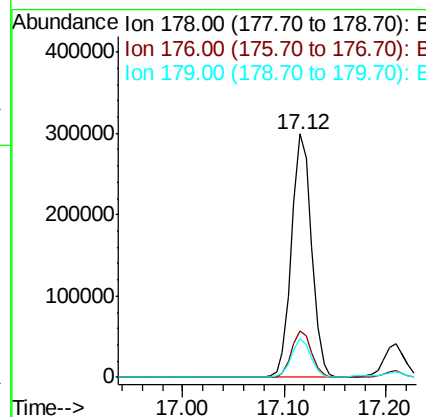
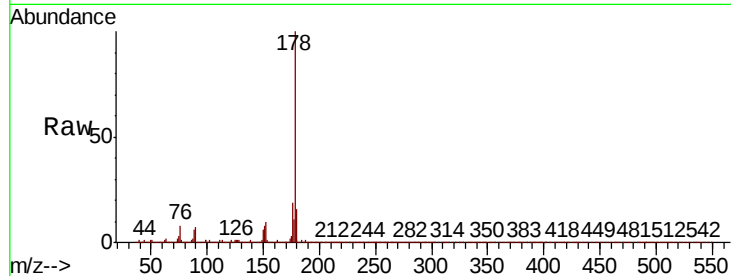
#71
Phenanthrene
Concen: 4.235 ng
RT: 17.12 min Scan# 2419
Delta R.T. -0.01 min
Lab File: BP003007.D
Acq: 17 Aug 2020 17:44

Instrument :
BNA_P
ClientSampleId :
S711-N-SO-0-0.5-081320

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.8	23.8
179	15.7	12.9	19.3

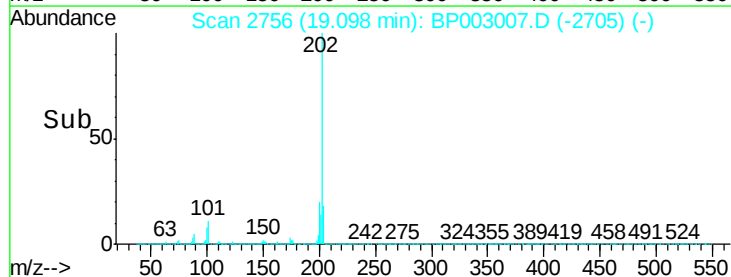
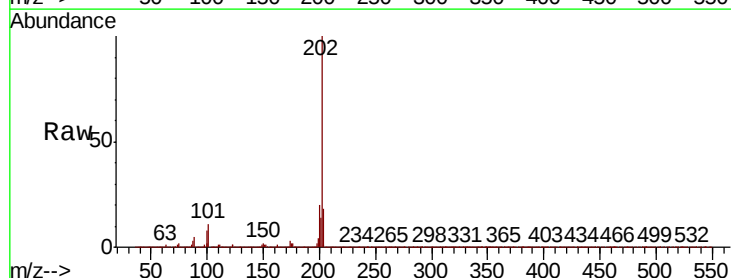
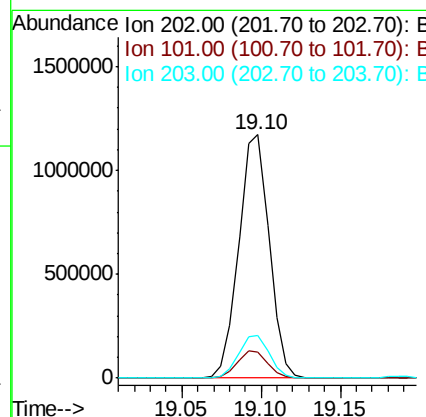
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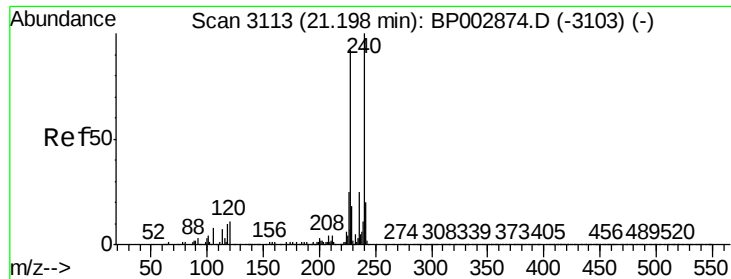
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#75
Fluoranthene
Concen: 13.895 ng
RT: 19.10 min Scan# 2756
Delta R.T. -0.00 min
Lab File: BP003007.D
Acq: 17 Aug 2020 17:44

Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.6	0.0	31.2
203	17.5	0.0	38.4





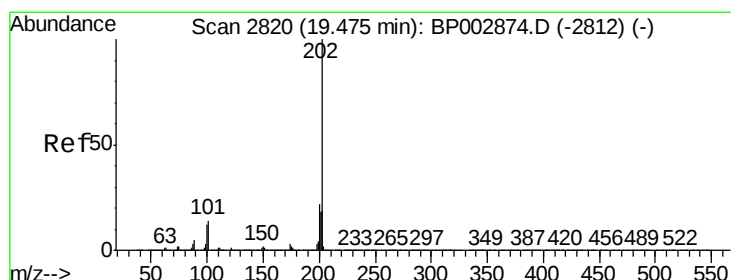
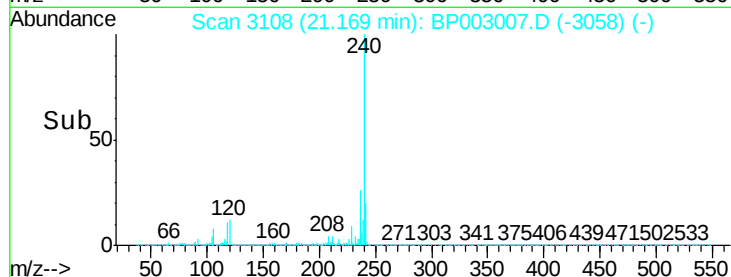
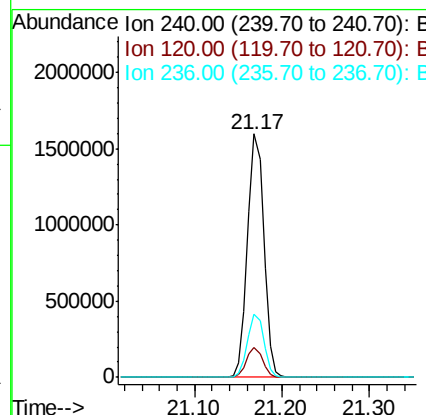
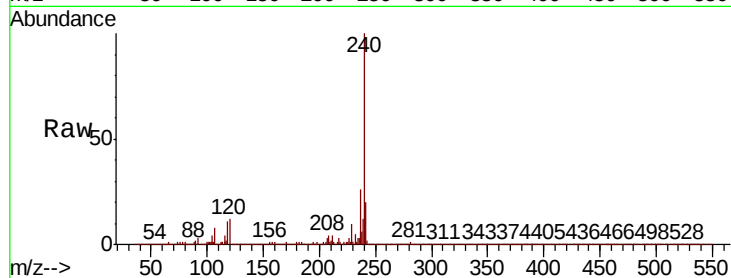
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.17 min Scan# 3108
Delta R.T. -0.01 min
Lab File: BP003007.D
Acq: 17 Aug 2020 17:44

Instrument :
BNA_P
ClientSampleId :
S711-N-SO-0-0.5-081320

Tot Ion:240 Resp: 1990162
Ion Ratio Lower Upper
240 100
120 12.1 9.5 14.3
236 25.9 20.8 31.2

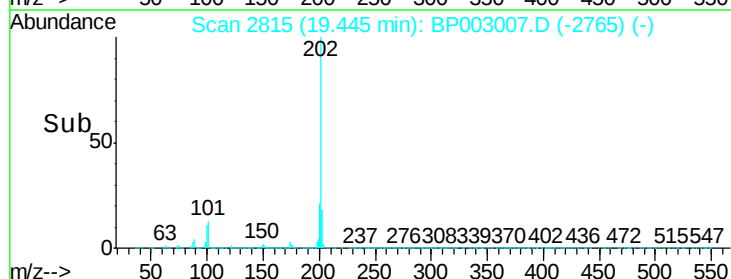
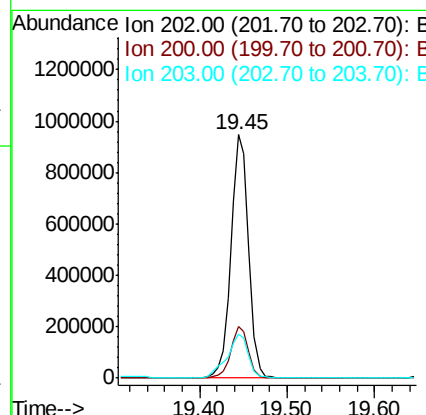
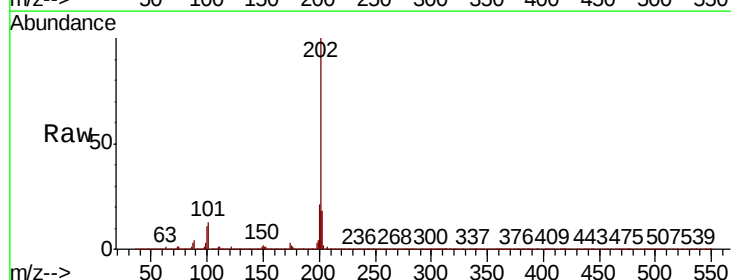
Manual Integrations
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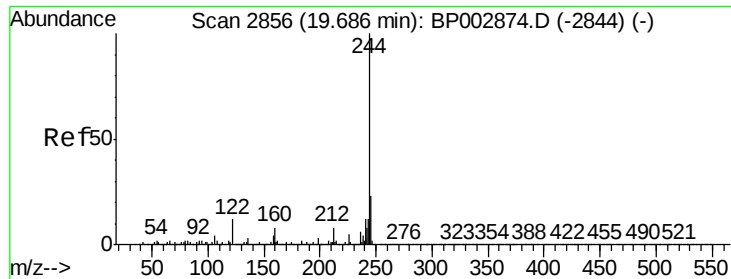
mohammad
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#78
Pyrene
Concen: 9.387 ng
RT: 19.45 min Scan# 2815
Delta R.T. -0.01 min
Lab File: BP003007.D
Acq: 17 Aug 2020 17:44

Tgt Ion:202 Resp: 1305936
Ion Ratio Lower Upper
202 100
200 21.2 17.8 26.6
203 18.2 14.6 22.0





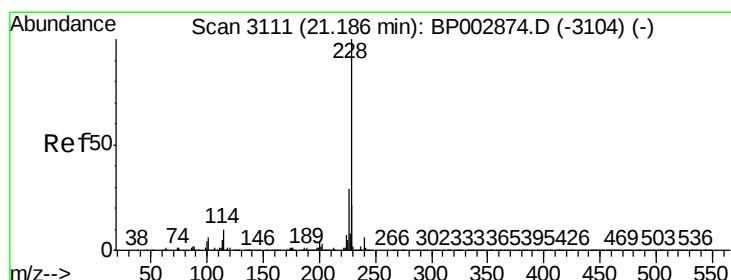
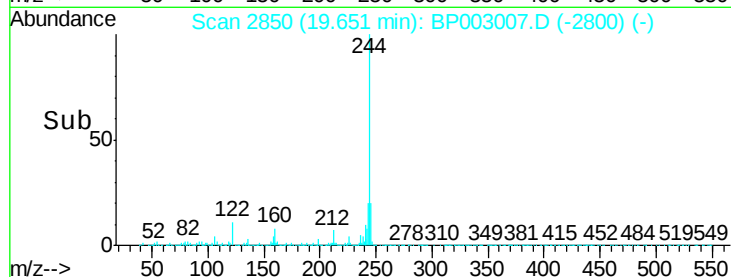
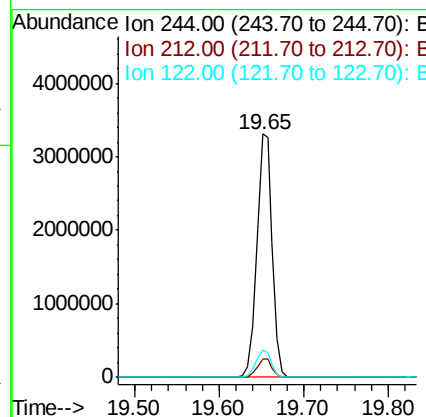
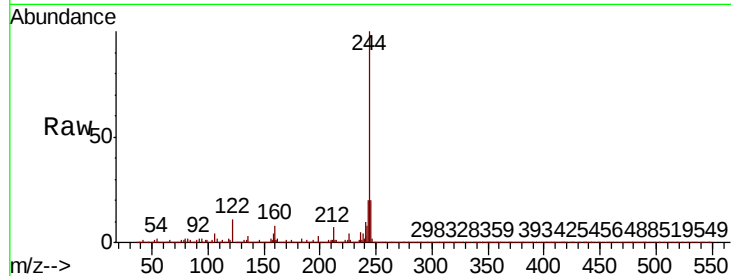
#79
 Terphenyl-d14
 Concen: 42.313 ng
 RT: 19.65 min Scan# 2850
 Delta R.T. -0.01 min
 Lab File: BP003007.D
 Acq: 17 Aug 2020 17:44

Instrument :
 BNA_P
 ClientSampleId :
 S711-N-SO-0-0.5-081320

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.4	6.3	9.5
122	11.3	8.7	13.1

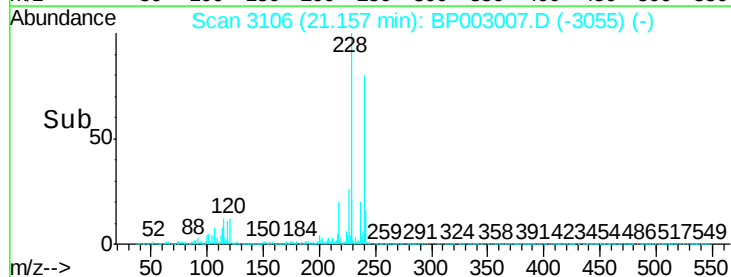
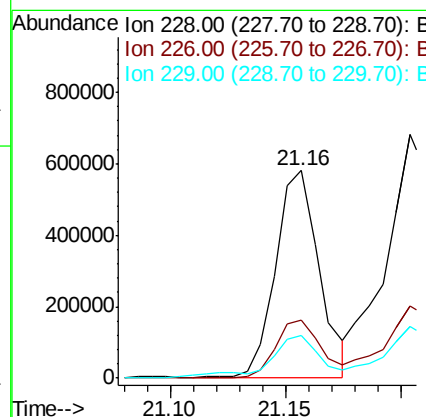
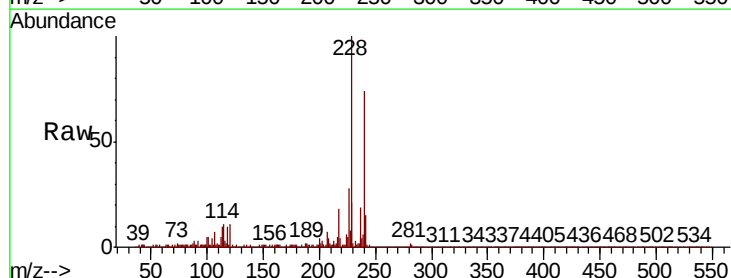
Manual Integrations
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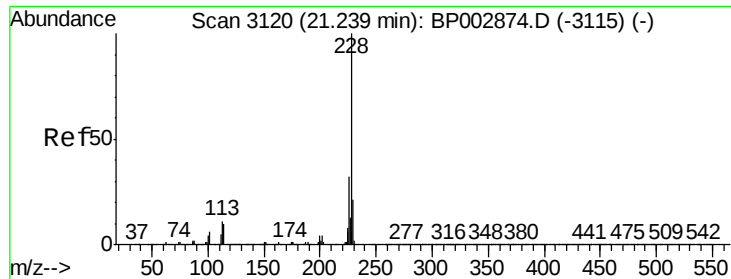
mohammad
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#81
 Benzo(a)anthracene
 Concen: 5.559 ng
 RT: 21.16 min Scan# 3106
 Delta R.T. -0.00 min
 Lab File: BP003007.D
 Acq: 17 Aug 2020 17:44

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.2	22.6	33.8
229	20.6	16.5	24.7





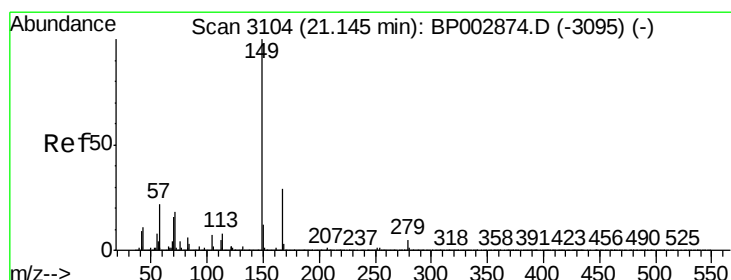
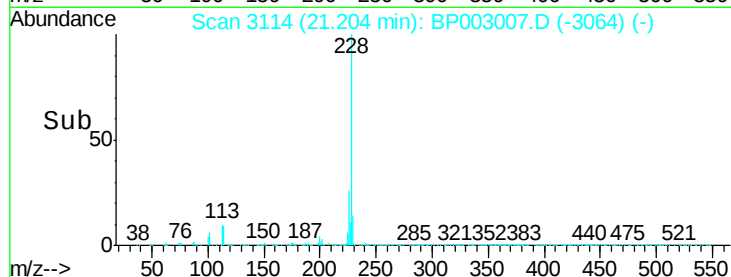
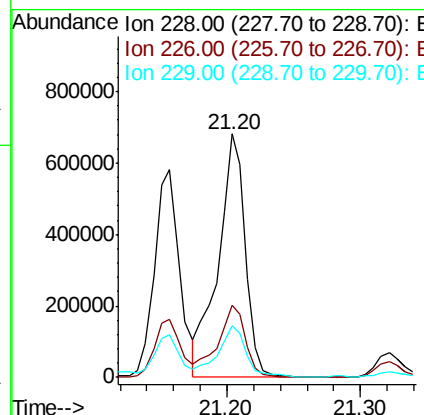
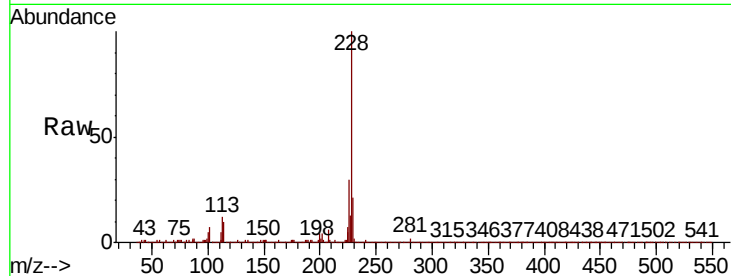
#83
Chrysene
Concen: 7.548 ng
RT: 21.20 min Scan# 3114
Delta R.T. -0.01 min
Lab File: BP003007.D
Acq: 17 Aug 2020 17:44

Instrument :
BNA_P
ClientSampleId :
S711-N-SO-0-0.5-081320

Tot Ion:	228	Resp:	965261
Ion Ratio	Lower	Upper	
228	100		
226	29.6	24.9	37.3
229	21.1	16.3	24.5

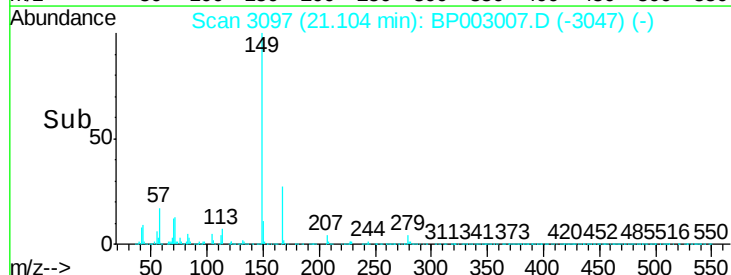
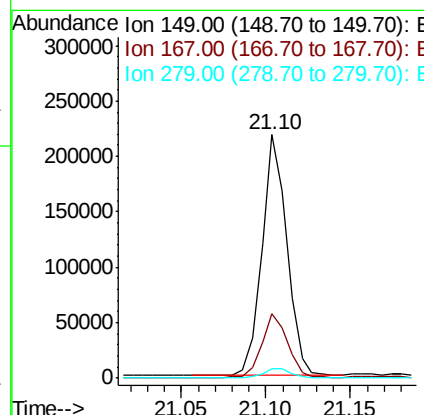
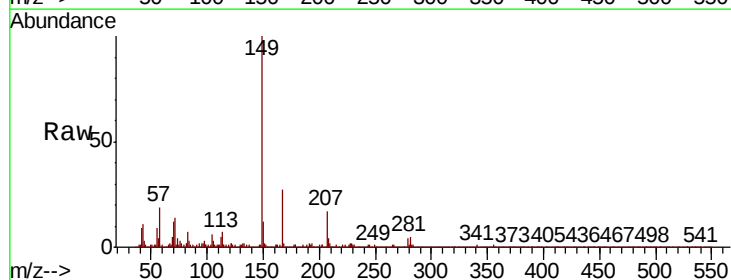
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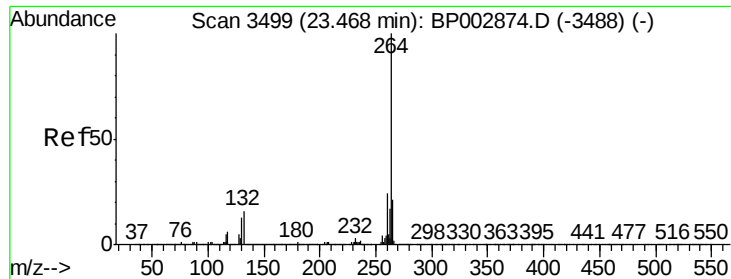
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#84
Bis(2-ethylhexyl)phthalate
Concen: 2.916 ng
RT: 21.10 min Scan# 3097
Delta R.T. -0.01 min
Lab File: BP003007.D
Acq: 17 Aug 2020 17:44

Tgt Ion:	149	Resp:	224555
Ion Ratio	Lower	Upper	
149	100		
167	26.7	22.9	34.3
279	3.9	3.8	5.8





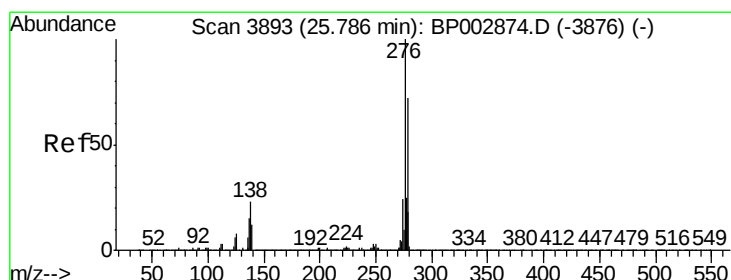
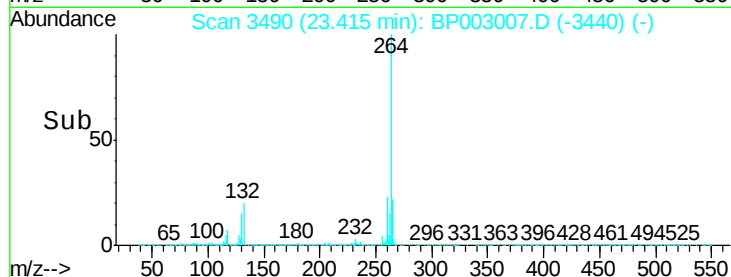
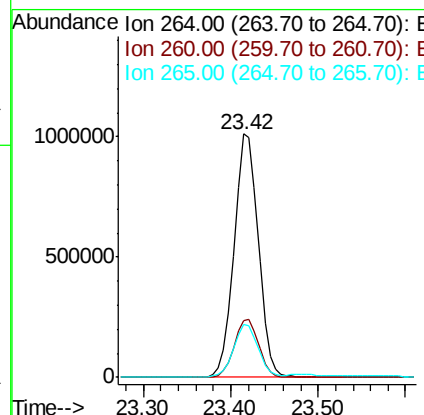
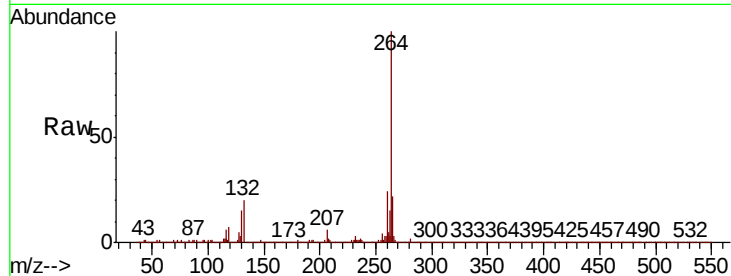
#86
Pervlene-d12
Concen: 20.000 ng
RT: 23.42 min Scan# 3490
Delta R.T. -0.01 min
Lab File: BP003007.D
Acq: 17 Aug 2020 17:44

Instrument :
BNA_P
ClientSampleId :
S711-N-SO-0-0.5-081320

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.2	28.8
265	21.8	17.3	25.9

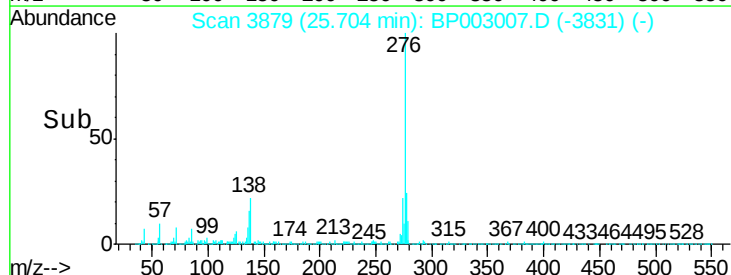
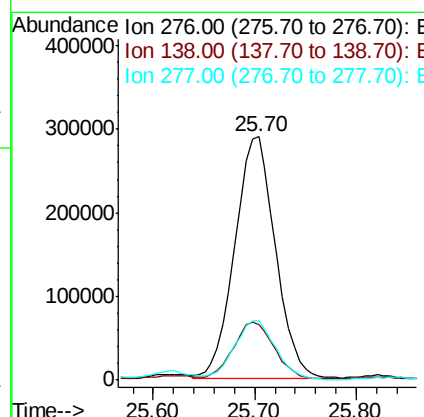
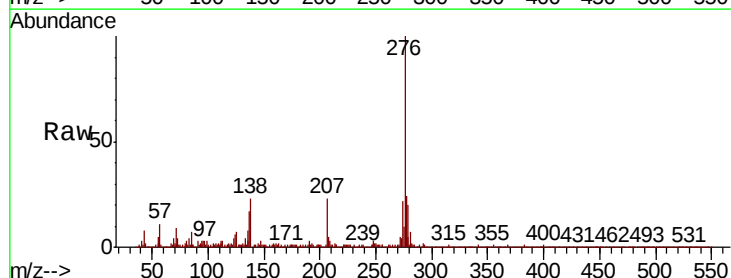
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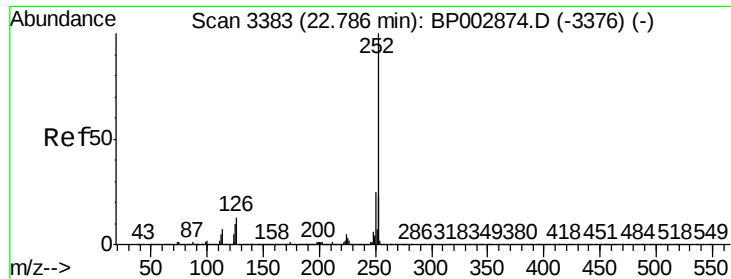
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#87
Indeno(1,2,3-cd)pyrene
Concen: 5.226 ng
RT: 25.70 min Scan# 3879
Delta R.T. -0.02 min
Lab File: BP003007.D
Acq: 17 Aug 2020 17:44

Tgt Ion	Ratio	Lower	Upper
276	100		
138	24.0	22.2	33.2
277	24.5	20.4	30.6





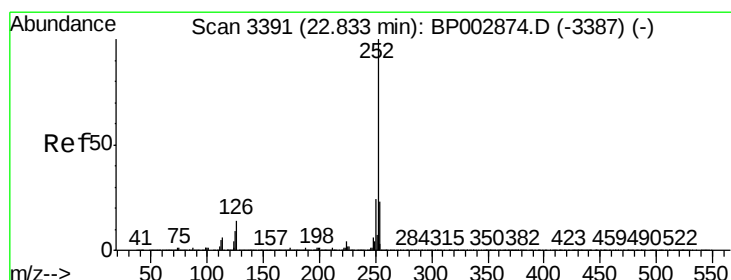
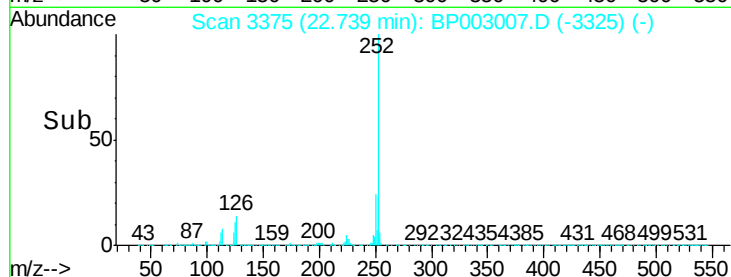
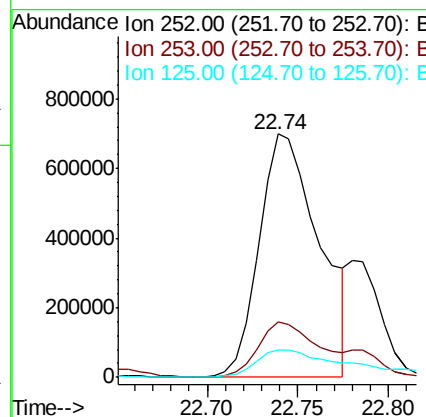
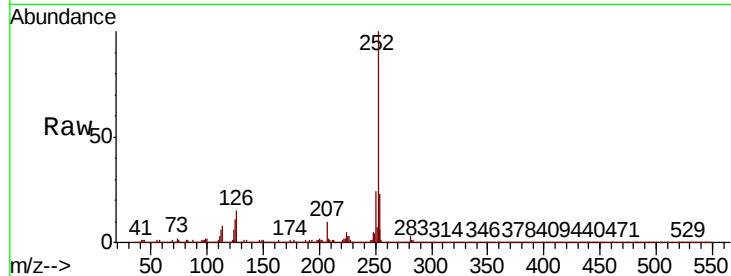
#88
Benzo(b)fluoranthene
Concen: 11.946 ng m
RT: 22.74 min Scan# 3375
Delta R.T. -0.01 min
Lab File: BP003007.D
Acq: 17 Aug 2020 17:44

Instrument :
BNA_P
ClientSampleId :
S711-N-SO-0-0.5-081320

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.2	27.2
125	11.3	9.4	14.2

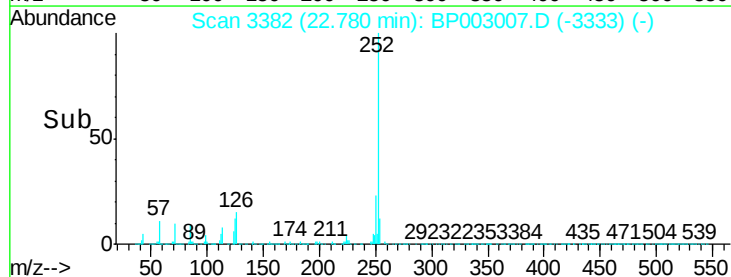
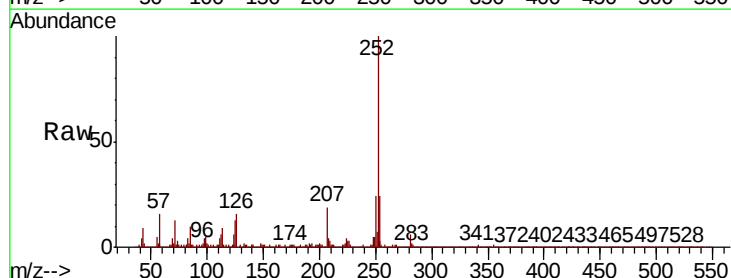
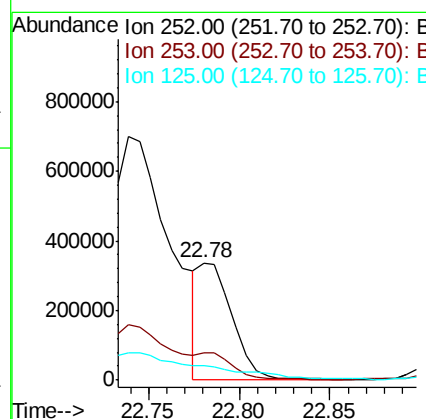
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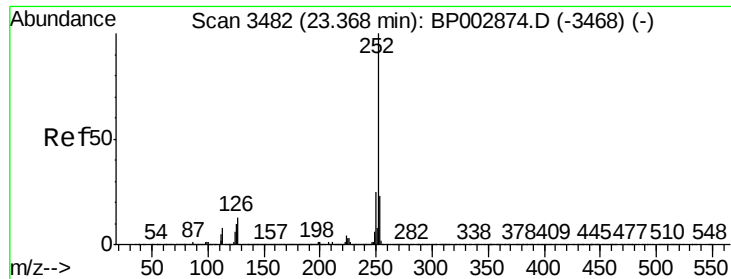
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#89
Benzo(k)fluoranthene
Concen: 3.256 ng m
RT: 22.78 min Scan# 3382
Delta R.T. -0.01 min
Lab File: BP003007.D
Acq: 17 Aug 2020 17:44

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.7	18.3	27.5
125	12.6	9.3	13.9





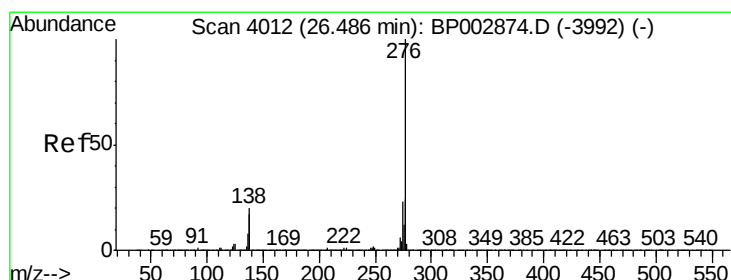
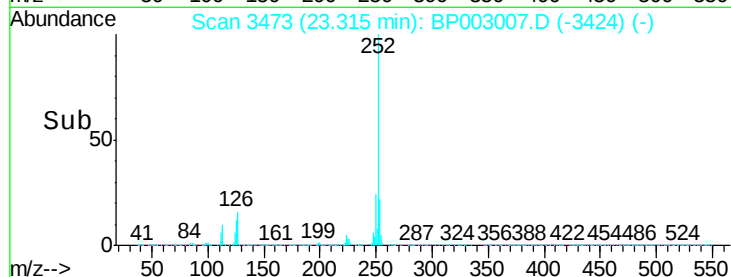
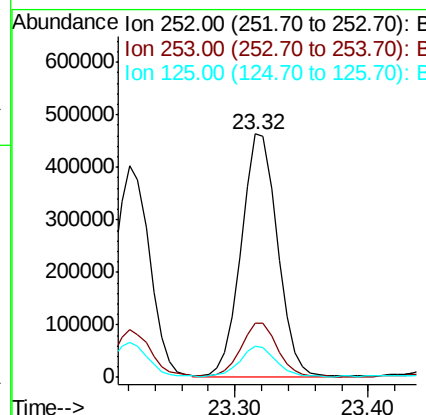
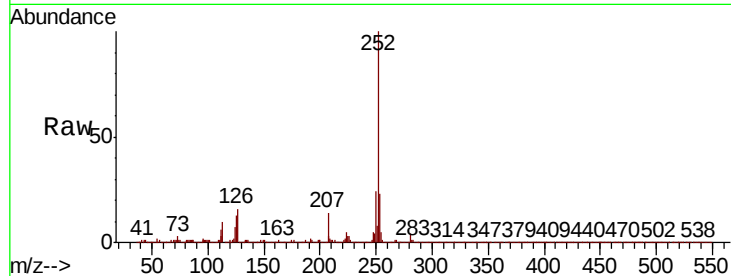
#90
Benzo(a)pyrene
Concen: 7.154 ng
RT: 23.32 min Scan# 3473
Delta R.T. -0.01 min
Lab File: BP003007.D
Acq: 17 Aug 2020 17:44

Instrument :
BNA_P
ClientSampleId :
S711-N-SO-0-0.5-081320

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.0	27.0
125	12.8	9.9	14.9

Manual Integrations
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#92
Benzo(g,h,i)perylene
Concen: 6.421 ng
RT: 26.40 min Scan# 3998
Delta R.T. -0.02 min
Lab File: BP003007.D
Acq: 17 Aug 2020 17:44

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.9	19.1	28.7
138	23.4	19.3	28.9

